

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052308.D
 Acq On : 14 Nov 2018 12:17
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 2:58:23 PM

Quant Time: Nov 15 02:55:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 02:30:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	289232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	484445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	444423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206208	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	418044	102.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.68%	
35) Dibromofluoromethane	7.59	113	326687	104.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.10%	
50) Toluene-d8	10.09	98	1281101	104.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.44%	
62) 4-Bromofluorobenzene	12.40	95	438675	108.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	320711	104.641	ug/l	100
3) Chloromethane	2.06	50	429788	100.907	ug/l	100
4) Vinyl Chloride	2.19	62	368047	99.965	ug/l	99
5) Bromomethane	2.56	94	216336	94.253	ug/l	97
6) Chloroethane	2.71	64	201965	97.020	ug/l	100
7) Trichlorofluoromethane	3.02	101	504378	99.000	ug/l	97
8) Diethyl Ether	3.41	74	192174	98.970	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	312666	97.179	ug/l	99
10) Methyl Iodide	3.96	142	451702	104.562	ug/l	99
11) Tert butyl alcohol	4.78	59	112223	518.184	ug/l	100
12) 1,1-Dichloroethene	3.74	96	291915	98.044	ug/l	95
13) Acrolein	3.61	56	171487	575.615	ug/l	99
14) Allyl chloride	4.33	41	626927	102.547	ug/l	100
15) Acrylonitrile	4.99	53	621950	497.752	ug/l	100
16) Acetone	3.82	43	533579	466.498	ug/l	96
17) Carbon Disulfide	4.06	76	892019	104.481	ug/l	98
18) Methyl Acetate	4.32	43	310844	95.230	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	880344	102.889	ug/l	98
20) Methylene Chloride	4.55	84	341309	91.156	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	313681	101.708	ug/l	99
22) Diisopropyl ether	5.95	45	1263083	100.187	ug/l	97
23) Vinyl Acetate	5.90	43	4542216	536.789	ug/l	100
24) 1,1-Dichloroethane	5.85	63	649741	97.140	ug/l	100
25) 2-Butanone	6.83	43	799184	504.802	ug/l	99
26) 2,2-Dichloropropane	6.83	77	503995	102.472	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	360477	96.598	ug/l	97
28) Bromochloromethane	7.20	49	337176	98.039	ug/l	98
29) Tetrahydrofuran	7.21	42	530837	506.436	ug/l	100
30) Chloroform	7.37	83	625254	98.088	ug/l	95
31) Cyclohexane	7.65	56	618273	79.731	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	538708	99.206	ug/l	99
36) 1,1-Dichloropropene	7.79	75	494443	101.830	ug/l	99
37) Ethyl Acetate	6.93	43	366366	98.752	ug/l	99
38) Carbon Tetrachloride	7.78	117	471864	105.776	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	572653	103.311	ug/l	100
40) Benzene	8.04	78	1387461	100.023	ug/l	98
41) Methacrylonitrile	7.17	41	191645	95.994	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	494208	99.912	ug/l	100
43) Isopropyl Acetate	8.17	43	682108	100.311	ug/l #	87
44) Trichloroethene	8.84	130	349315	102.232	ug/l	99
45) 1,2-Dichloropropane	9.12	63	390333	99.154	ug/l	98
46) Dibromomethane	9.21	93	227994	100.045	ug/l	98
47) Bromodichloromethane	9.40	83	488448	104.446	ug/l	99
48) Methyl methacrylate	9.20	41	344463	99.832	ug/l	98
49) 1,4-Dioxane	9.20	88	57340	2164.818	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1811532	529.239	ug/l	100
52) Toluene	10.16	92	853461	102.851	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	520151	110.283	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	581865	108.220	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	307444	102.203	ug/l	96
56) Ethyl methacrylate	10.43	69	436246	110.271	ug/l	99
57) 1,3-Dichloropropane	10.71	76	547439	102.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1213265	538.675	ug/l	100
59) 2-Hexanone	10.75	43	1259125	534.802	ug/l	100
60) Dibromochloromethane	10.90	129	351030	107.855	ug/l	100
61) 1,2-Dibromoethane	11.00	107	311239	103.869	ug/l	100
64) Tetrachloroethene	10.63	164	306967	97.155	ug/l	99
65) Chlorobenzene	11.43	112	932535	99.269	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	330578	103.196	ug/l	99
67) Ethyl Benzene	11.51	91	1682526	103.195	ug/l	100
68) m/p-Xylenes	11.62	106	1234861	207.288	ug/l	98
69) o-Xylene	11.95	106	606121	106.142	ug/l	100
70) Styrene	11.96	104	982503	107.452	ug/l	99
71) Bromoform	12.13	173	212897	112.562	ug/l #	98
73) Isopropylbenzene	12.25	105	1651151	99.592	ug/l	98
74) N-amyl acetate	12.07	43	634818	107.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	380317	94.895	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	316733m	97.695	ug/l	
77) Bromobenzene	12.53	156	376484	97.597	ug/l	100
78) n-propylbenzene	12.59	91	1952854	100.717	ug/l	100
79) 2-Chlorotoluene	12.67	91	1107666	97.789	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1332190	101.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	120508	111.706	ug/l	97
82) 4-Chlorotoluene	12.77	91	1147052	98.842	ug/l	98
83) tert-Butylbenzene	12.99	119	1143338	98.227	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1351837	102.138	ug/l	99
85) sec-Butylbenzene	13.17	105	1607170	101.362	ug/l	100
86) p-Isopropyltoluene	13.29	119	1367550	101.819	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	675062	98.534	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	674324	99.002	ug/l	99
89) n-Butylbenzene	13.61	91	1257584	109.017	ug/l	99
90) Hexachloroethane	13.87	117	251720	105.812	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	644911	97.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61084	103.360	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Nov 15 02:30:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	314837	115.273	ug/l	99
94) Hexachlorobutadiene	15.01	225	147421	97.037	ug/l	98
95) Naphthalene	15.13	128	741341	120.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	277601	110.066	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

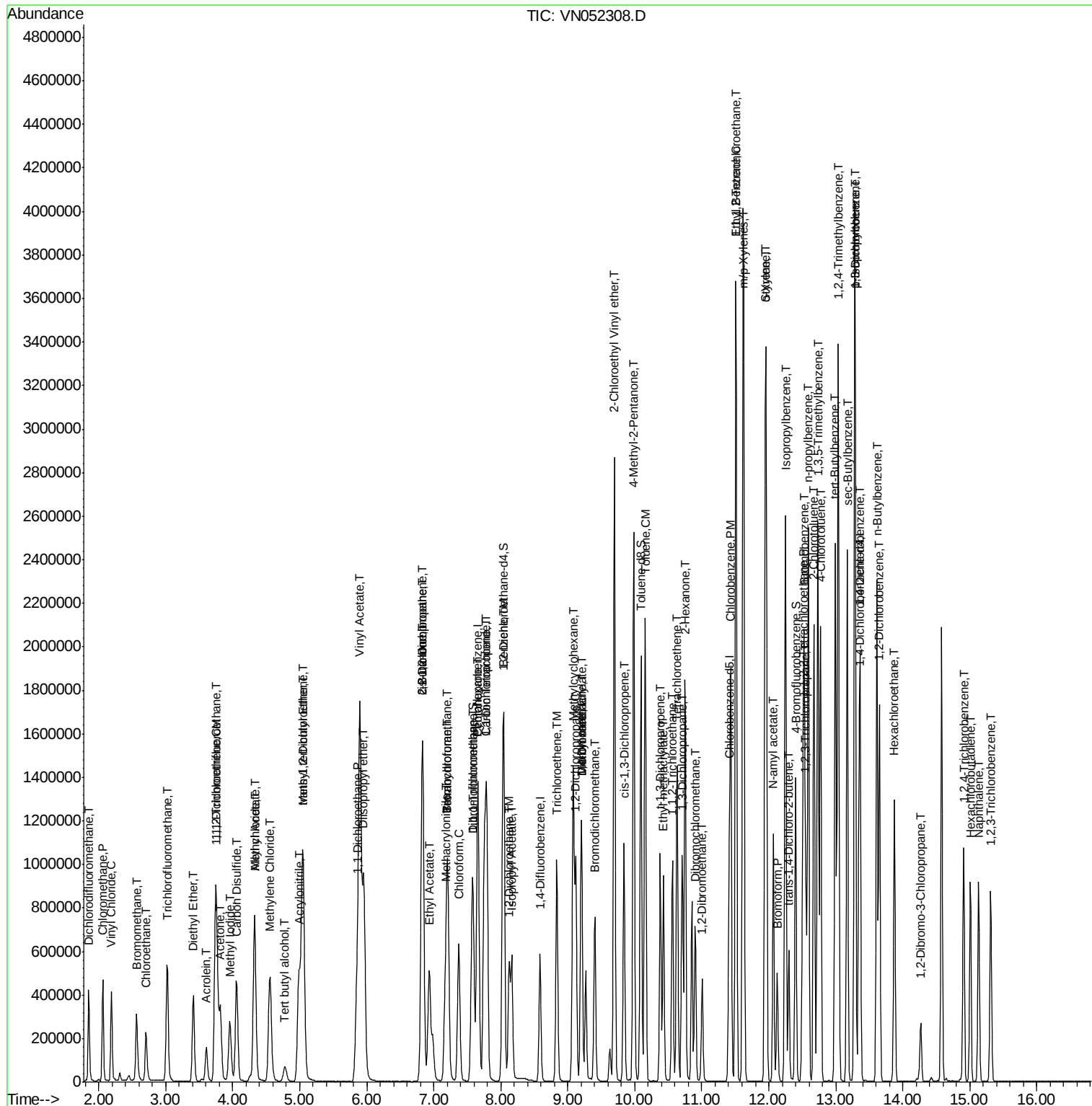
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Data File : VN052308.D
Acq On : 14 Nov 2018 12:17
Operator : MD\SY
Sample : VSTDIC100
Misc : 5.00mL/MSVOA N/WATER
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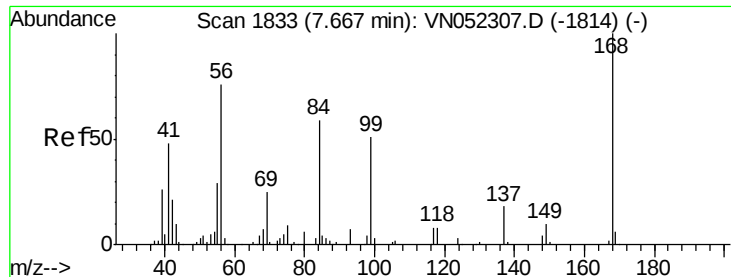
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 289232

Ion Ratio Lower Upper

168 100

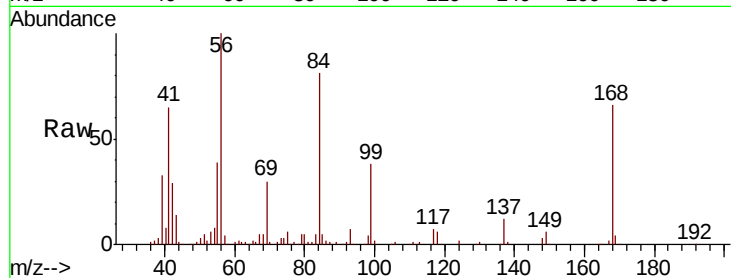
99 57.7 47.9 71.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

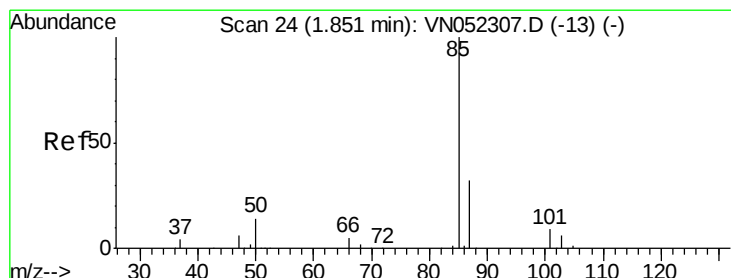
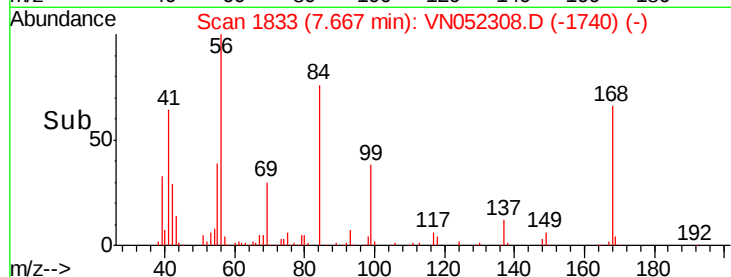
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50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 104.641 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052308.D

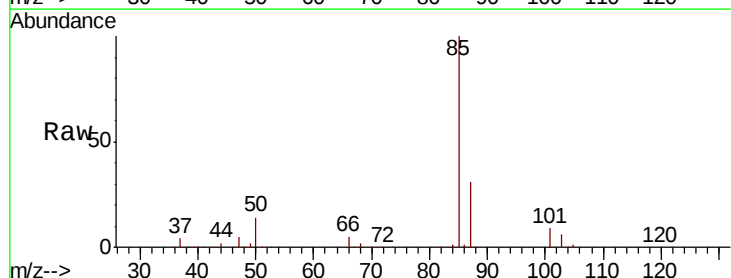
Acq: 14 Nov 2018 12:17

Tgt Ion: 85 Resp: 320711

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

250000

200000

150000

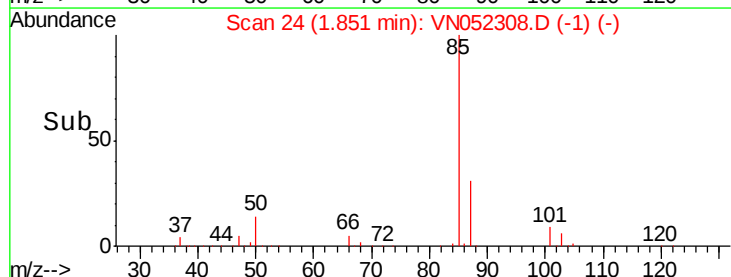
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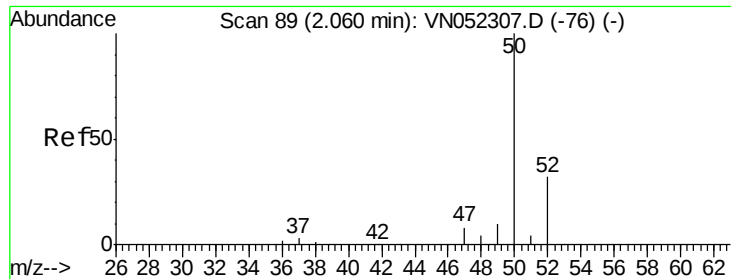
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 100.907 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 429788

Ion Ratio Lower Upper

50 100

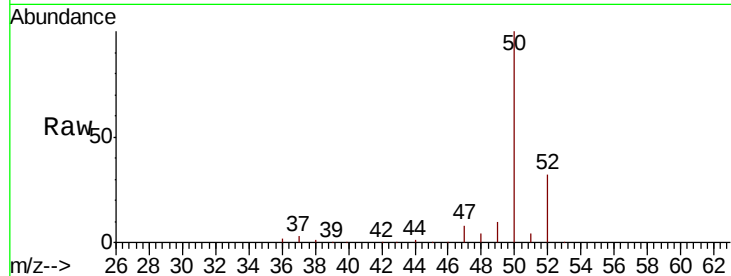
52 32.1 25.5 38.3

Manual Integrations

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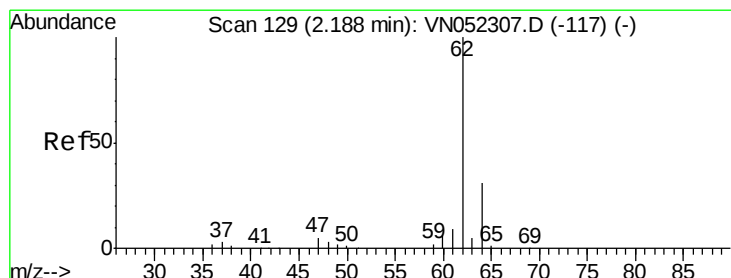
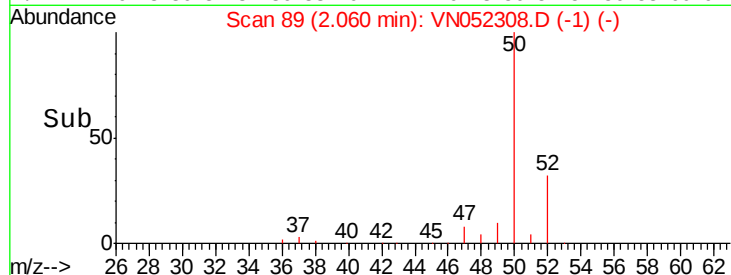
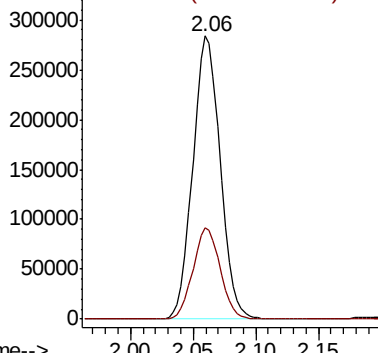
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 99.965 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052308.D

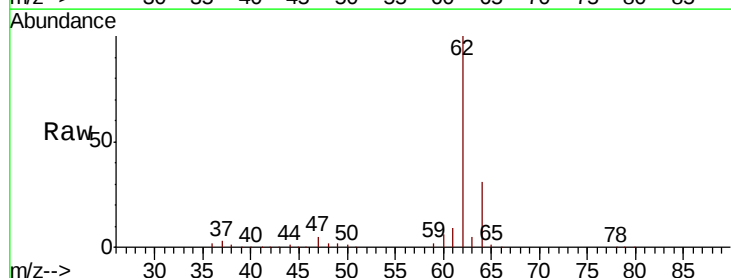
Acq: 14 Nov 2018 12:17

Tgt Ion: 62 Resp: 368047

Ion Ratio Lower Upper

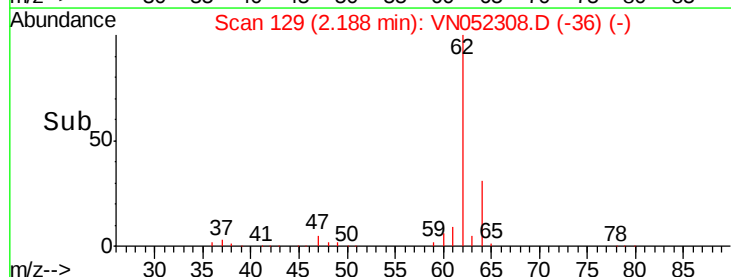
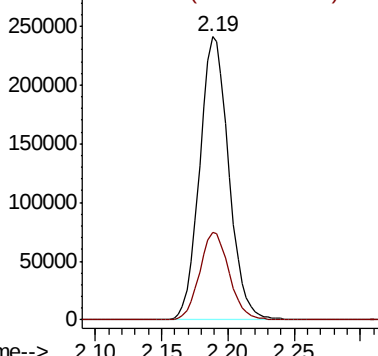
62 100

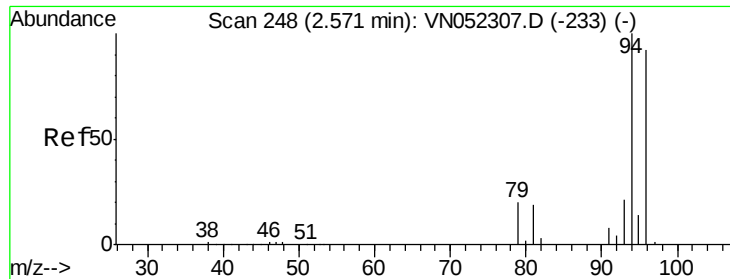
64 30.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 94.253 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

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MSVOA_N

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VSTDICC100

Tot Ion: 94 Resp: 216336

Ion Ratio Lower Upper

94 100

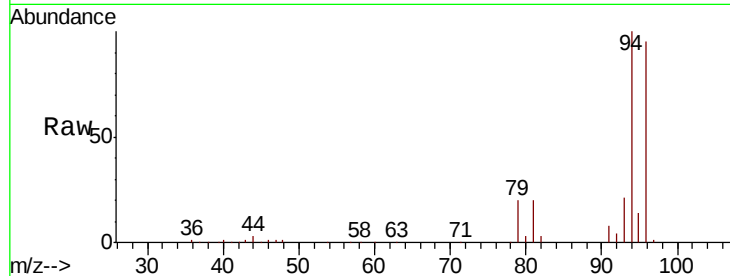
96 95.1 73.6 110.4

Manual Integrations

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11/20/2018 2:58:23 PM



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

120000

100000

80000

60000

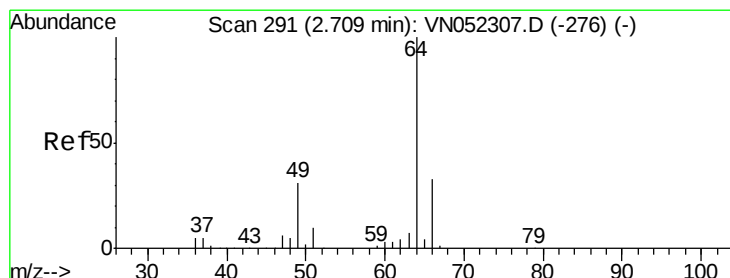
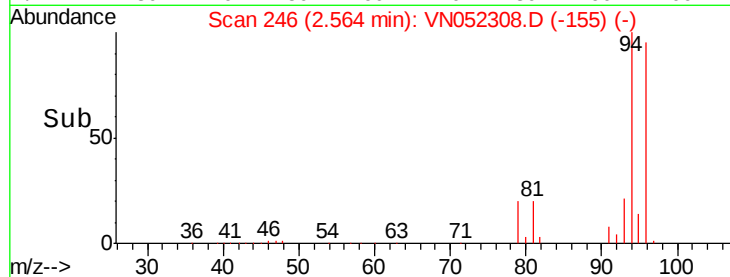
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20000

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2.50 2.56 2.60 2.70

Time-->



#6

Chloroethane

Concen: 97.020 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN052308.D

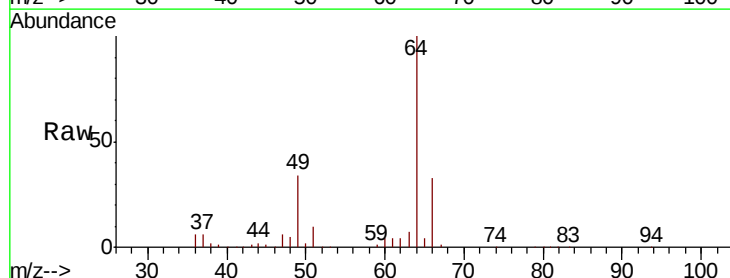
Acq: 14 Nov 2018 12:17

Tgt Ion: 64 Resp: 201965

Ion Ratio Lower Upper

64 100

66 32.9 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

100000

80000

60000

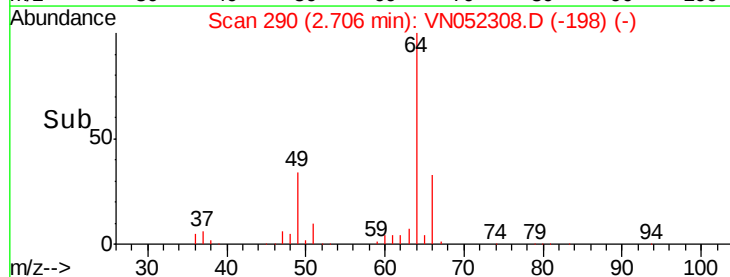
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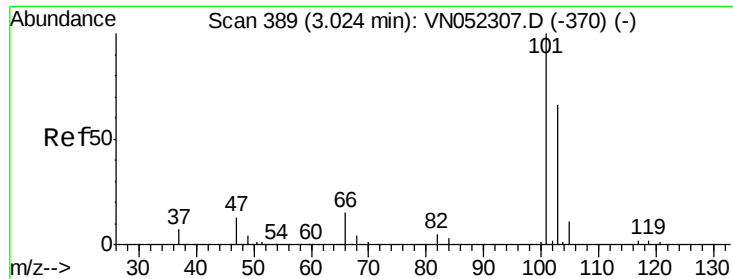
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2.60 2.70 2.80

Time-->





#7

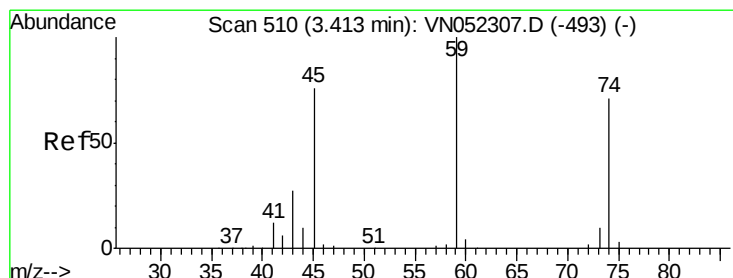
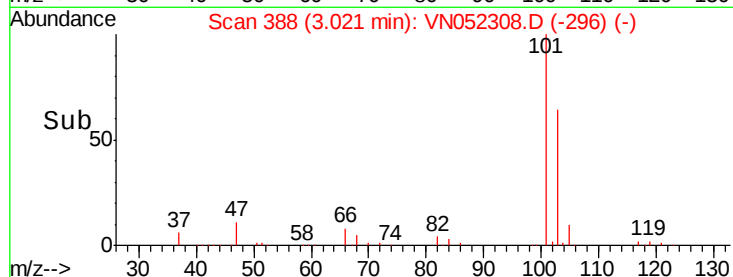
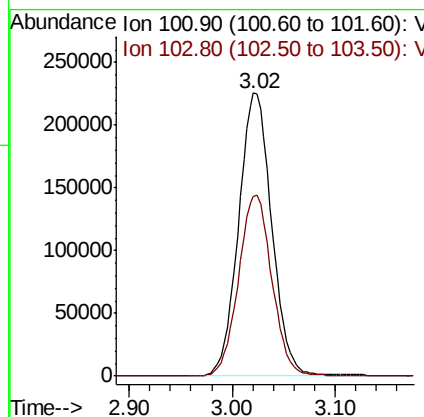
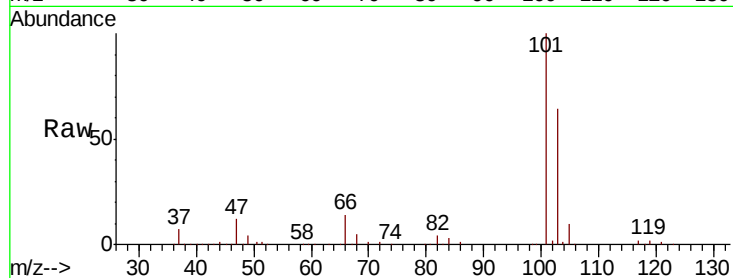
Trichlorofluoromethane
 Concen: 99.000 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
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 VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.8	79.2

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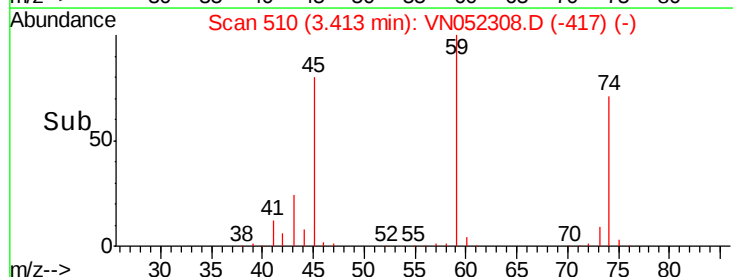
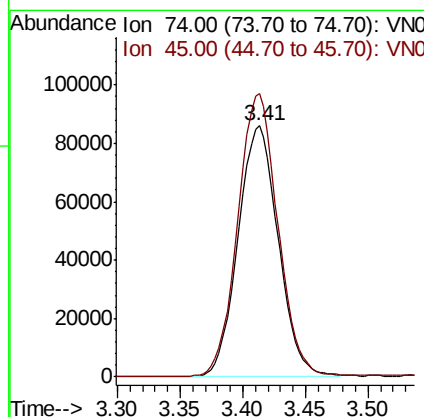
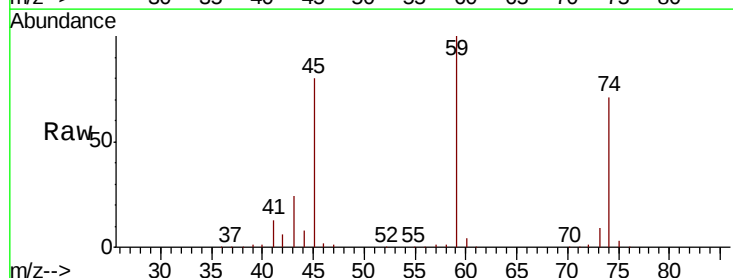
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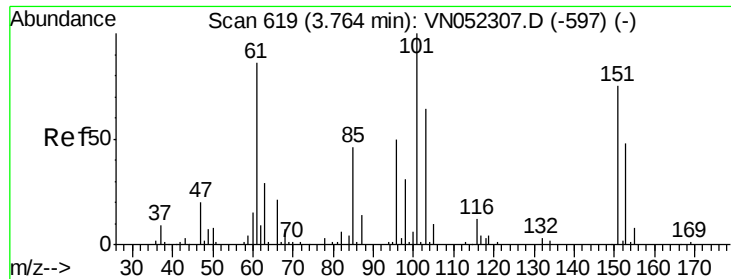


#8

Diethyl Ether
 Concen: 98.970 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.8	54.3	162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.179 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

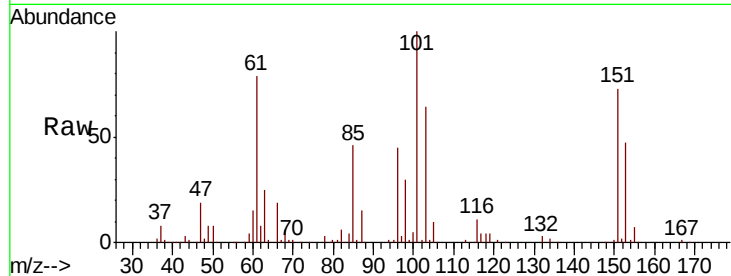
ClientSampleId :

VSTDIC100

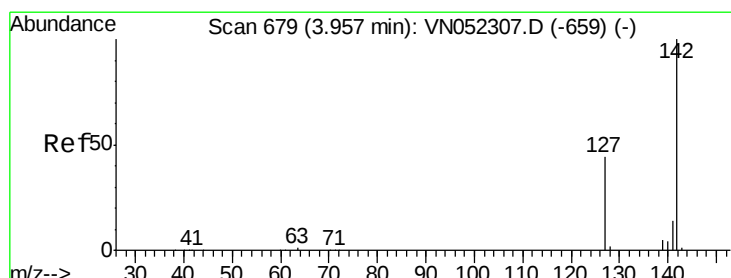
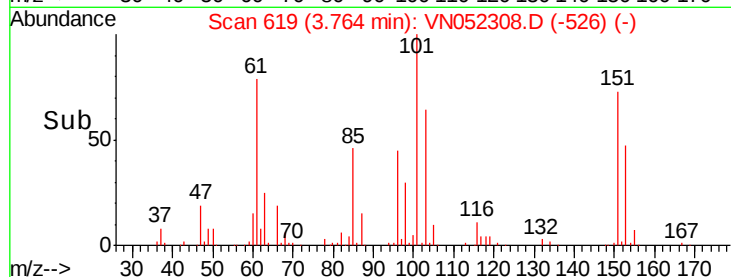
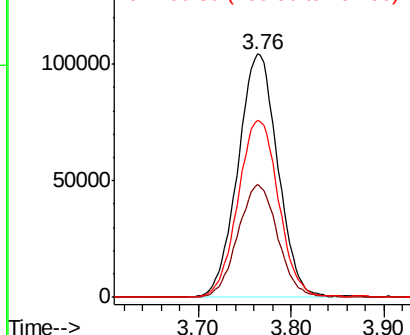
Tot Ion:	101	Resp:	312666
Ion Ratio	Lower	Upper	
101	100		
85	46.3	37.4	56.0
151	73.8	58.6	88.0

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 104.562 ug/l

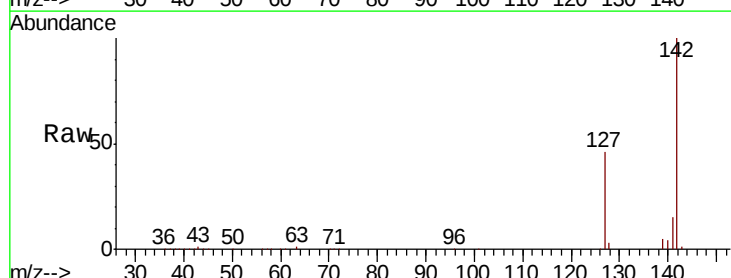
RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

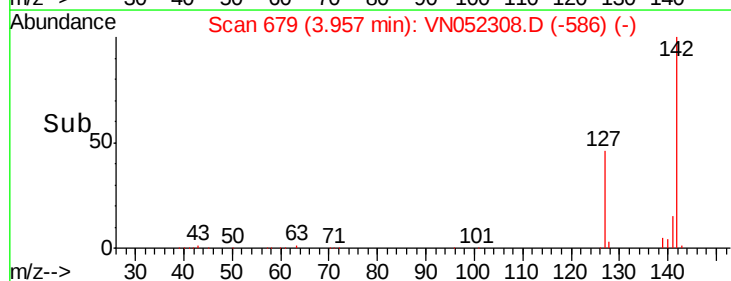
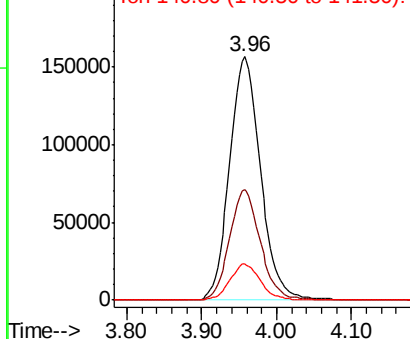
Lab File: VN052308.D

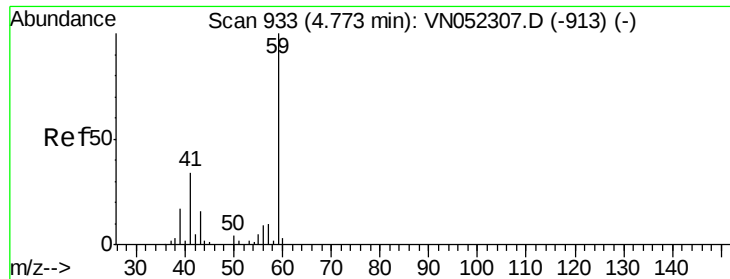
Acq: 14 Nov 2018 12:17

Tgt Ion:	142	Resp:	451702
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.3	54.5
141	14.6	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

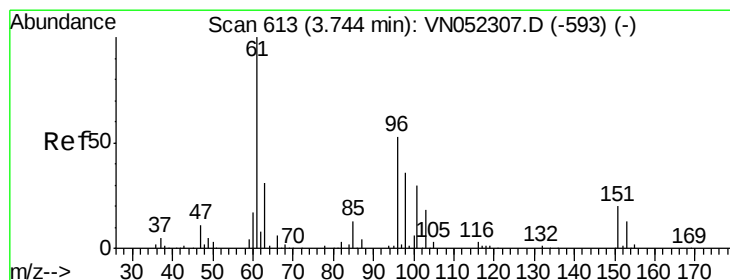
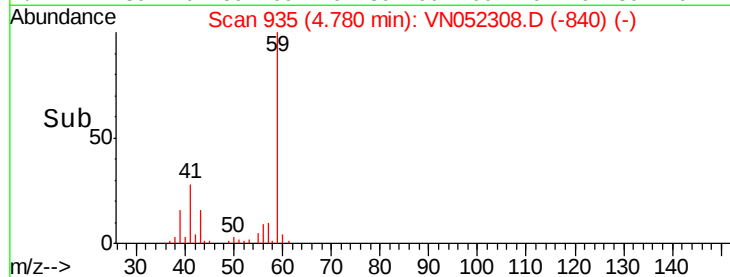
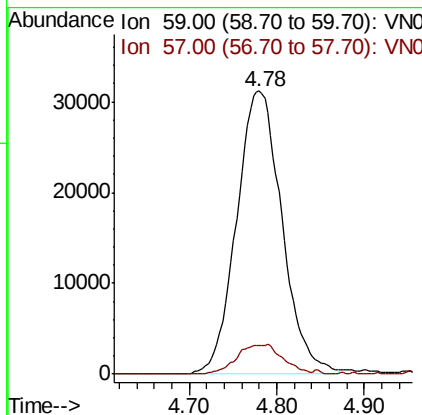
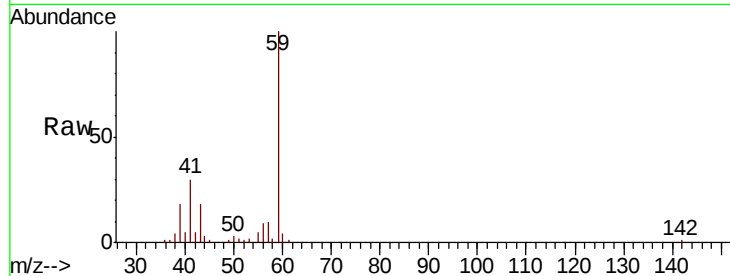
Tert butyl alcohol
 Concen: 518.184 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	59.00 (58.70 to 59.70): VN0	Resp	112223
Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

Manual Integrations
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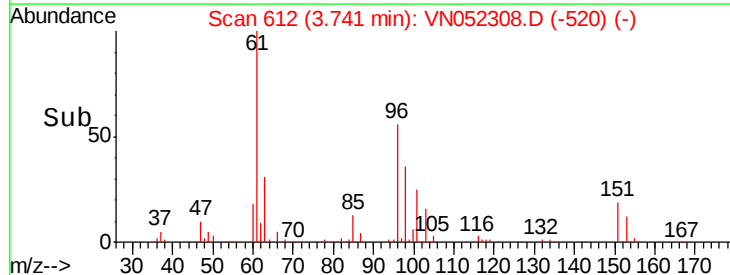
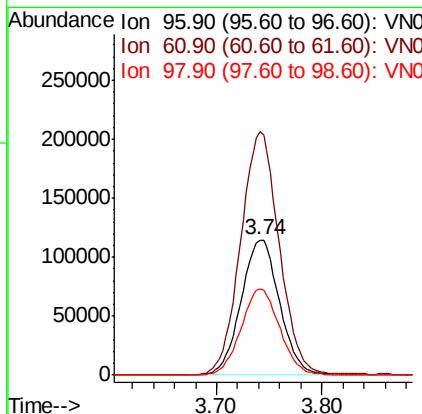
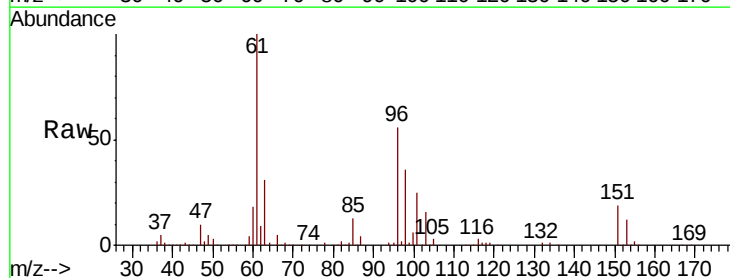
MMDadoda
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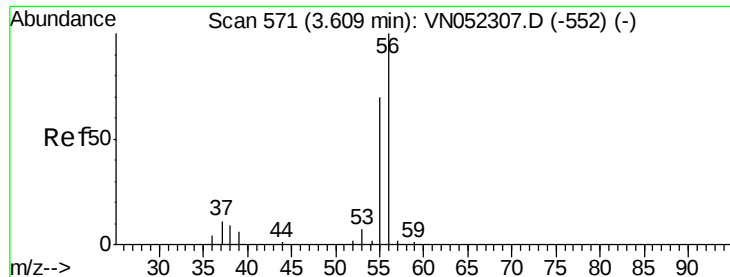


#12

1,1-Dichloroethene
 Concen: 98.044 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion	96	Resp	291915
Ion	Ratio	Lower	Upper
96	100		
61	179.8	149.6	224.4
98	63.9	54.2	81.2





#13

Acrolein

Concen: 575.615 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 171487

Ion Ratio Lower Upper

56 100

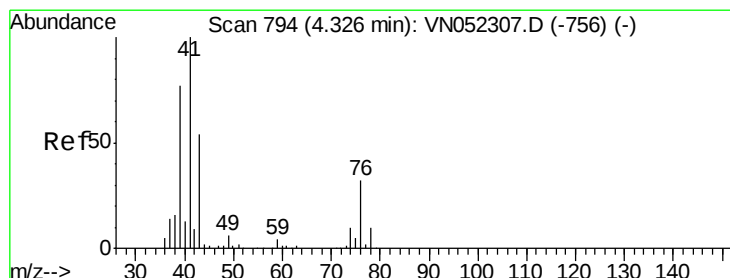
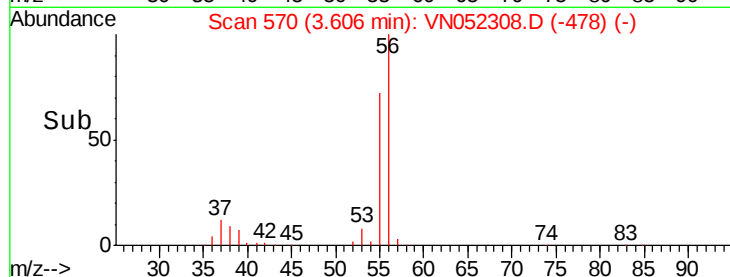
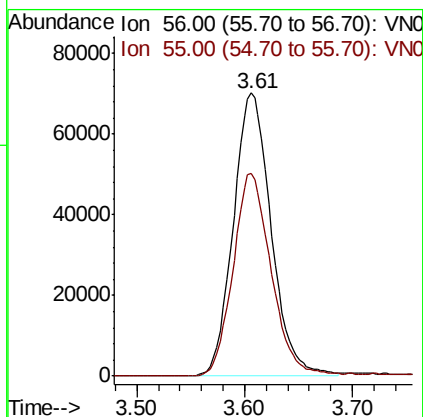
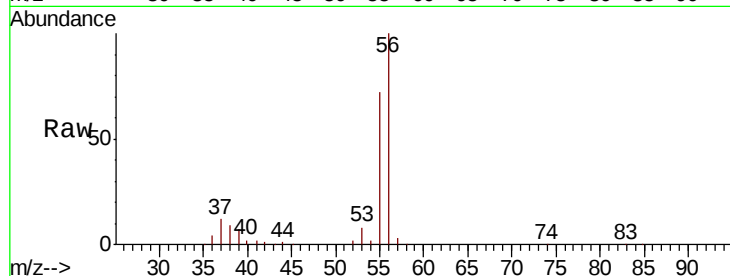
55 71.3 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 102.547 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

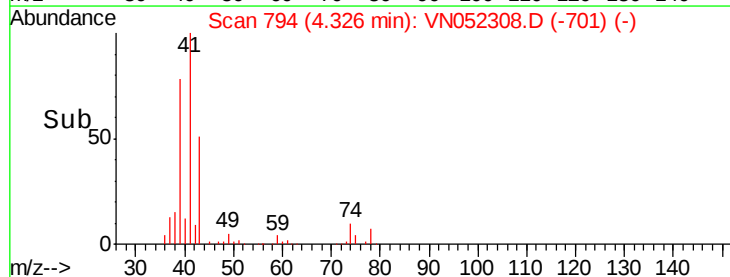
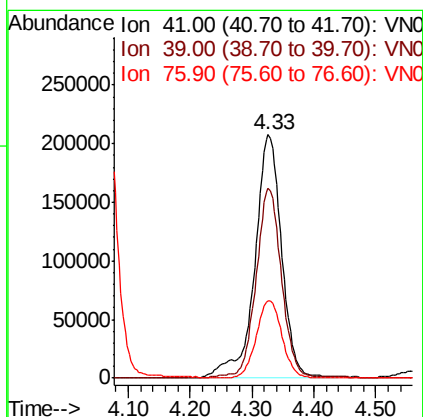
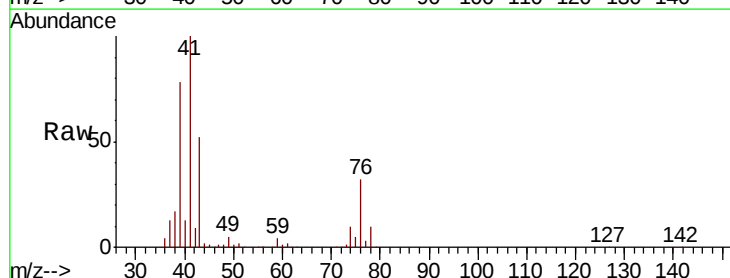
Tgt Ion: 41 Resp: 626927

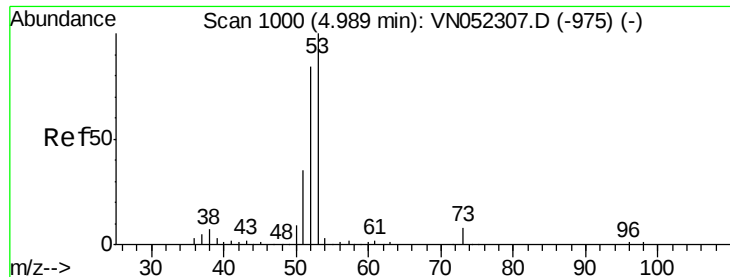
Ion Ratio Lower Upper

41 100

39 73.7 59.1 88.7

76 30.0 24.1 36.1





#15

Acrylonitrile

Concen: 497.752 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

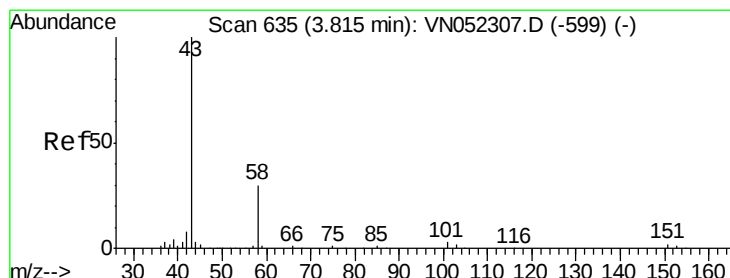
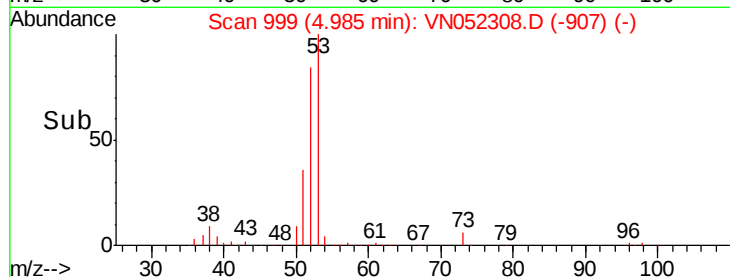
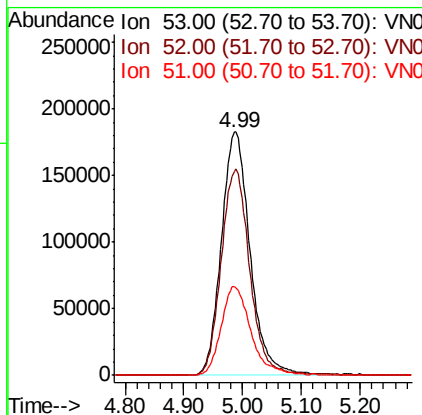
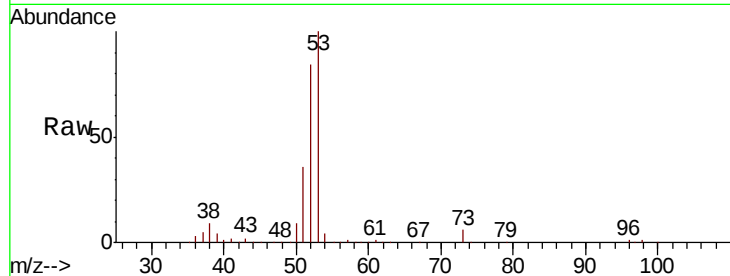
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	621950
Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.5	101.3
51	37.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 466.498 ug/l

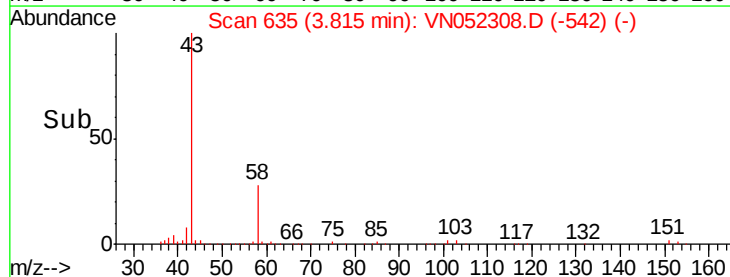
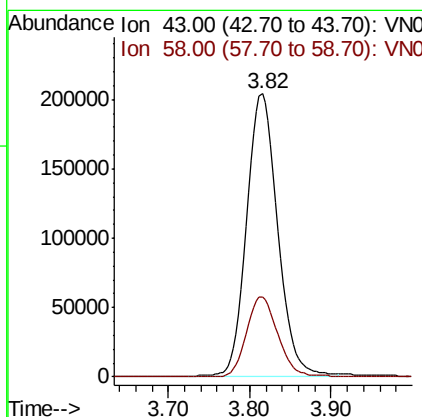
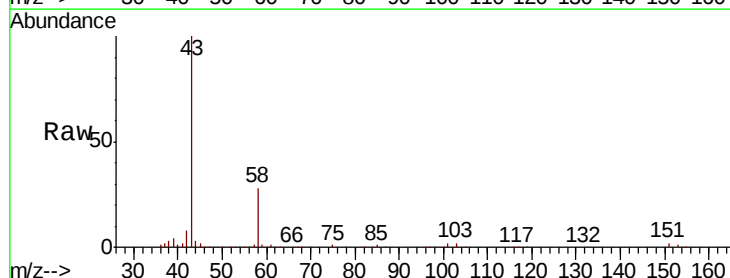
RT: 3.82 min Scan# 635

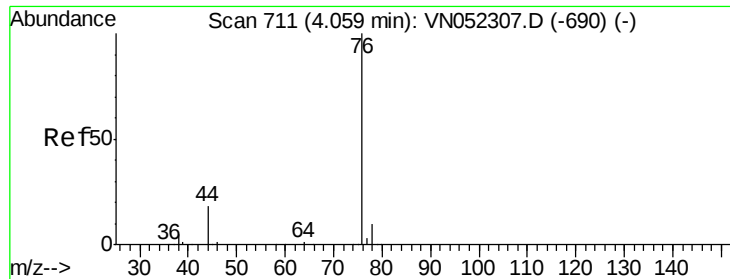
Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Tgt Ion:	43	Resp:	533579
Ion	Ratio	Lower	Upper
43	100		
58	28.2	24.2	36.4





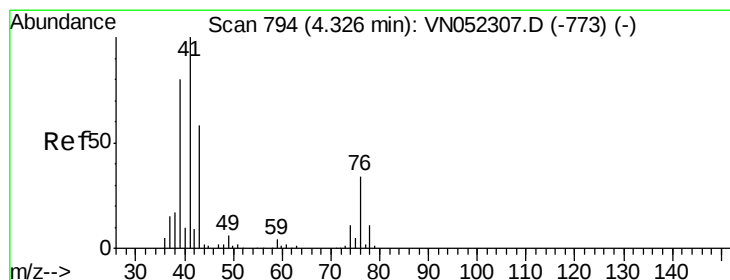
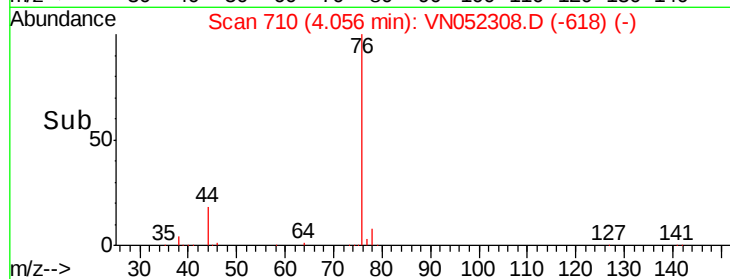
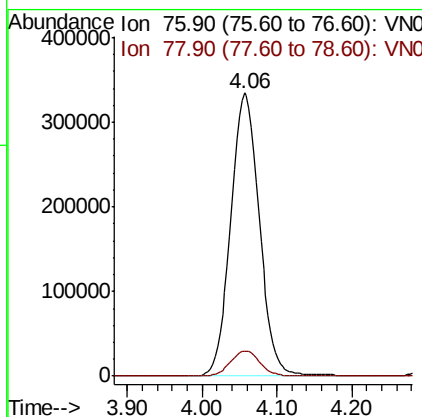
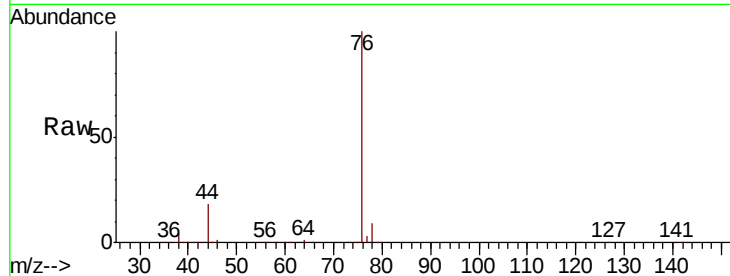
#17
Carbon Disulfide
Concen: 104.481 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.7	11.5

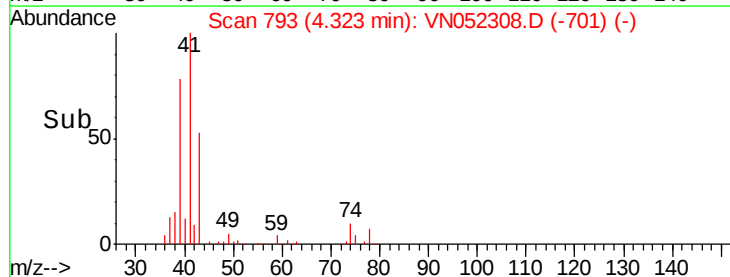
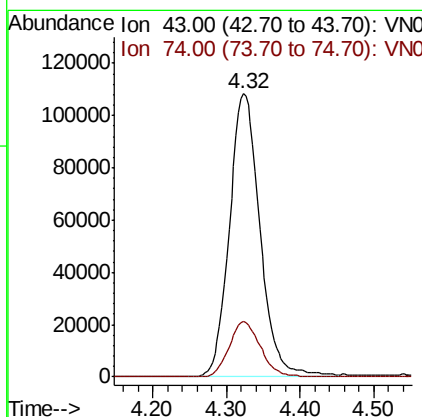
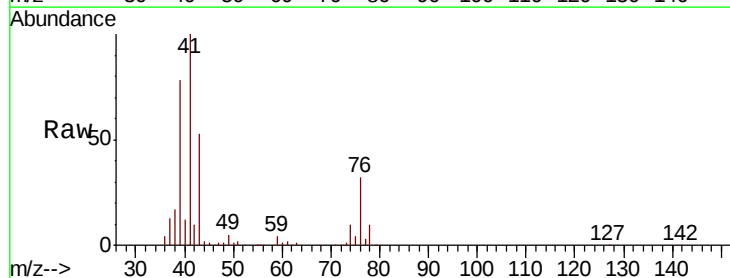
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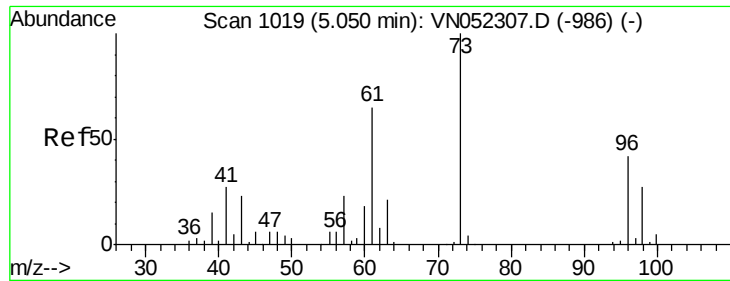
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#18
Methyl Acetate
Concen: 95.230 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.0	15.9	23.9





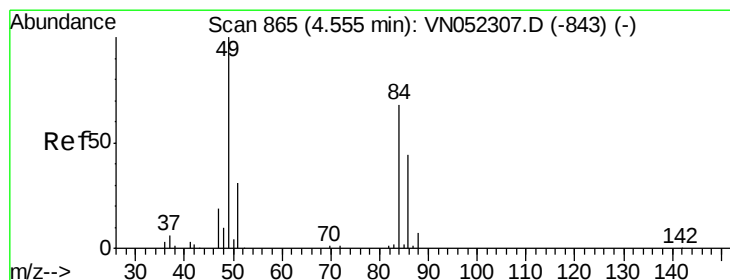
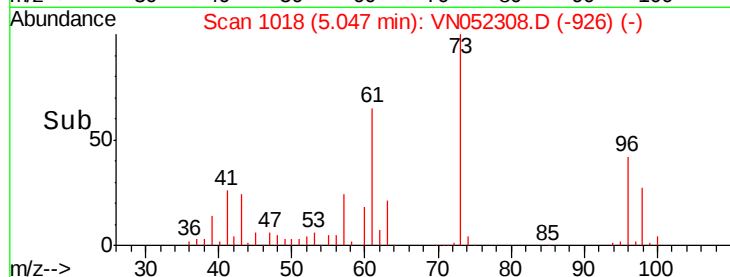
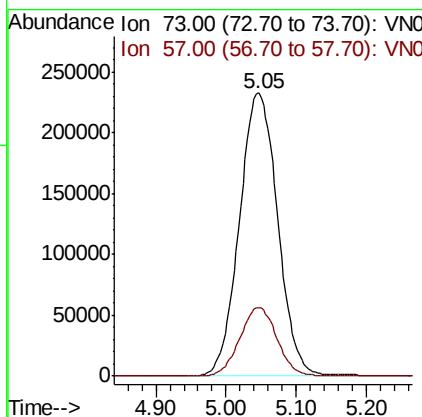
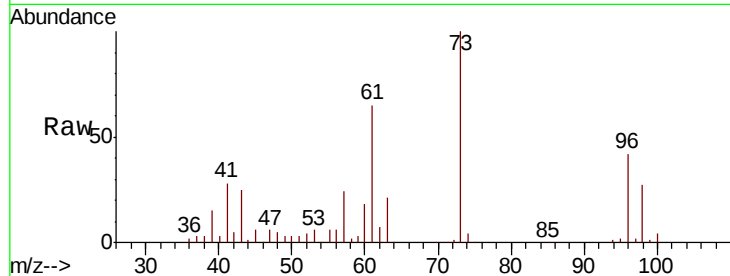
#19
Methvl tert-butvl Ether
Concen: 102.889 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 880344
Ion Ratio Lower Upper
73 100
57 24.2 18.7 28.1

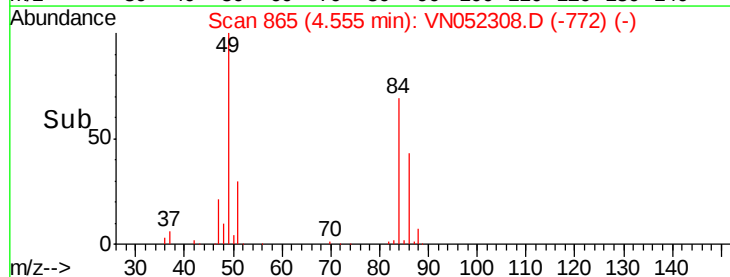
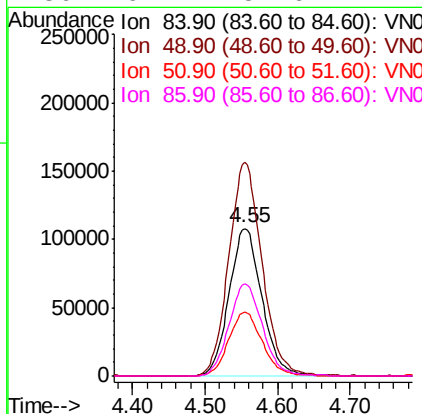
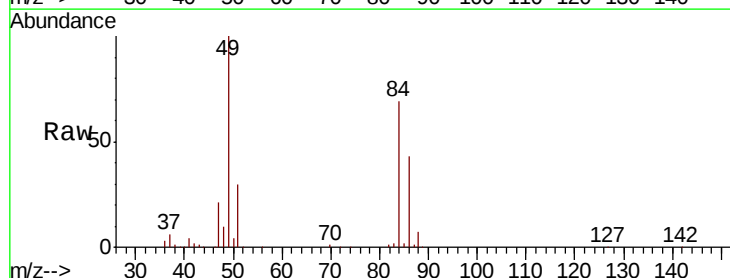
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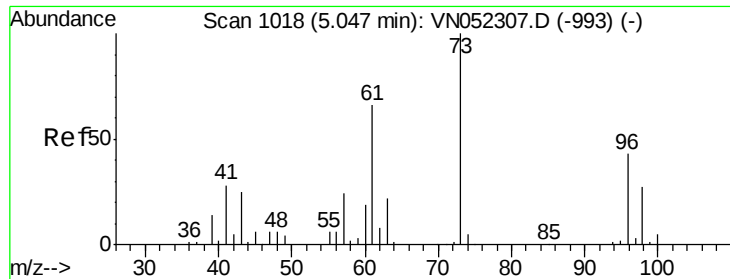
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#20
Methylene Chloride
Concen: 91.156 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion: 84 Resp: 341309
Ion Ratio Lower Upper
84 100
49 144.8 118.2 177.2
51 43.2 36.1 54.1
86 62.4 51.6 77.4





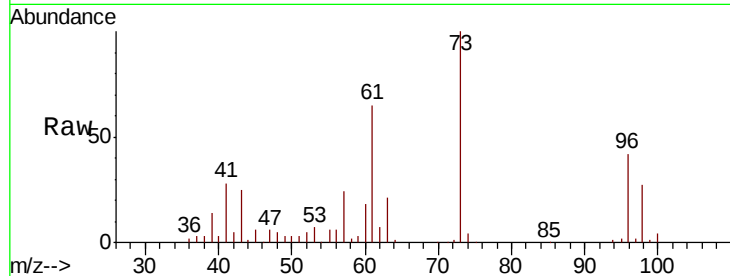
#21
trans-1,2-Dichloroethene
Concen: 101.708 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.7	123.6	185.4
98	64.7	50.7	76.1

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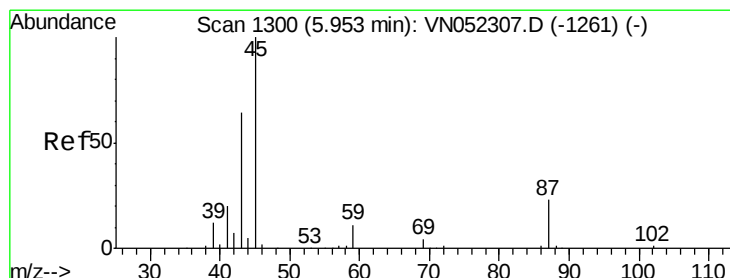
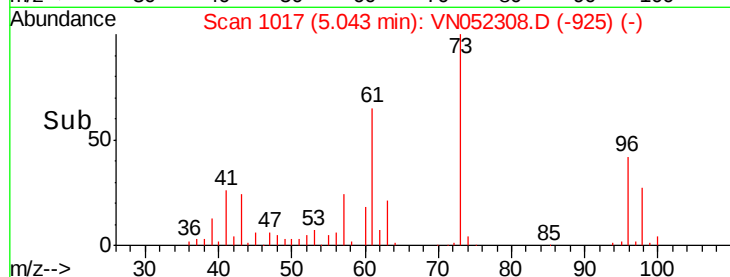
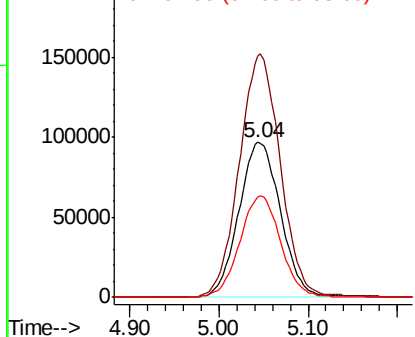


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22
Diisopropyl ether
Concen: 100.187 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.1	51.4	77.2
87	23.0	18.8	28.2
59	10.5	8.6	12.8

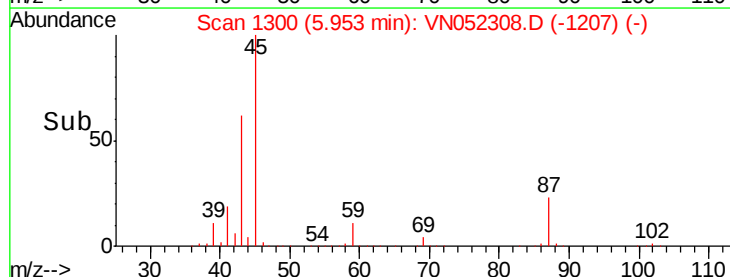
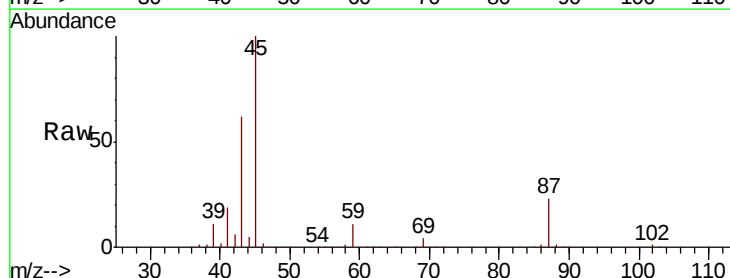
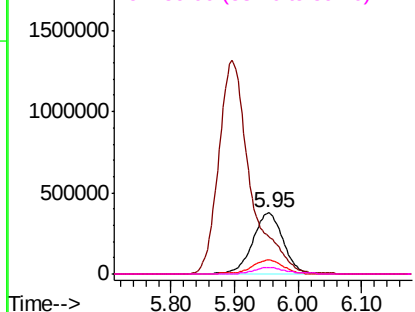
Abundance

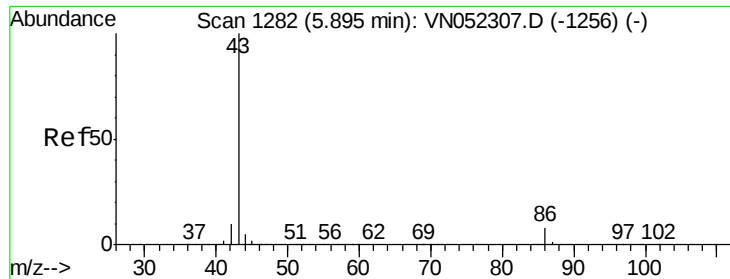
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 536.789 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 4542216

Ion Ratio Lower Upper

43 100

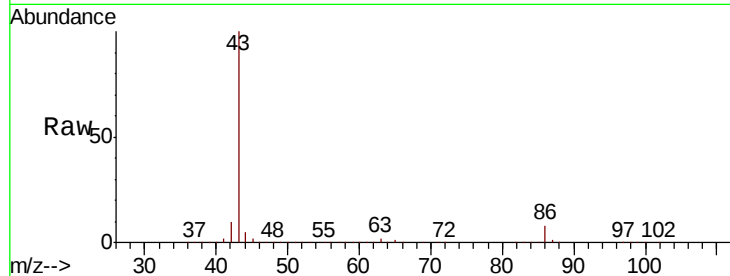
86 8.2 6.5 9.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

1500000

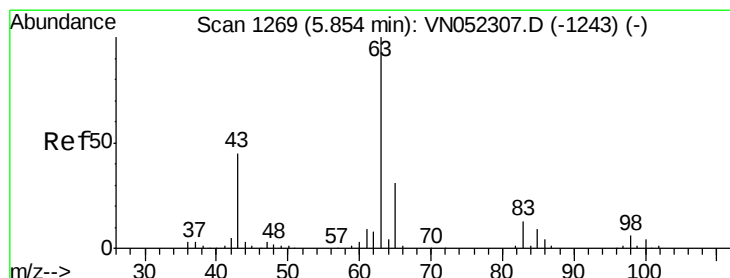
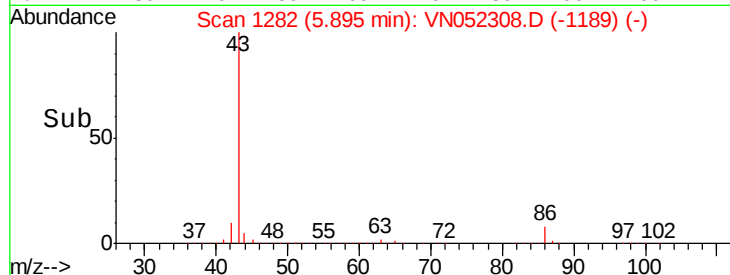
1000000

500000

0

5.80 5.90 6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 97.140 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

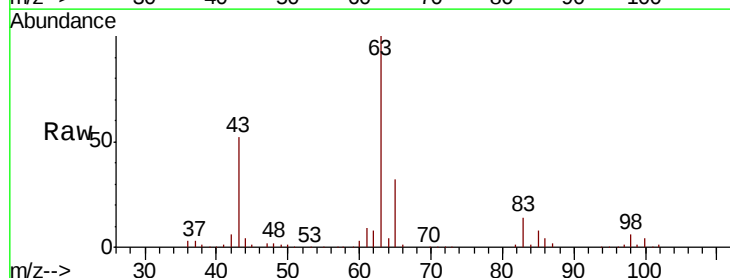
Tgt Ion: 63 Resp: 649741

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.6

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

250000

200000

150000

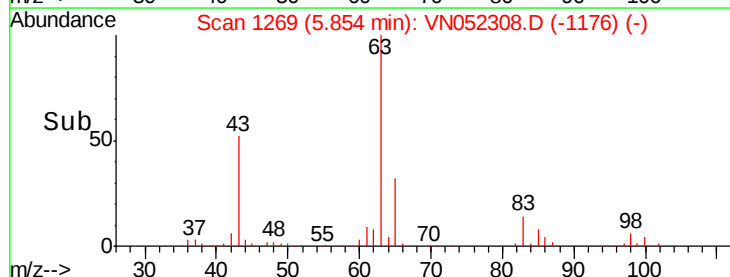
100000

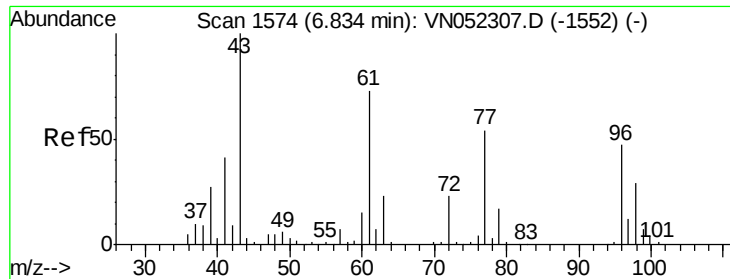
50000

0

5.70 5.80 5.90 6.00

Time-->





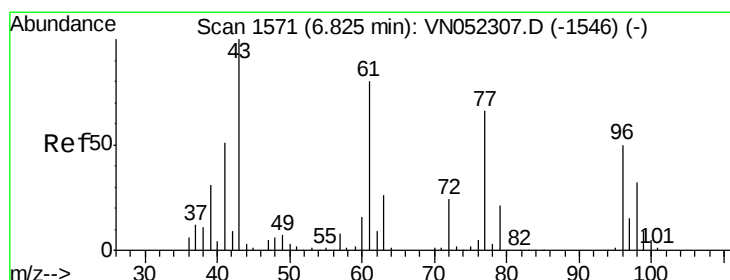
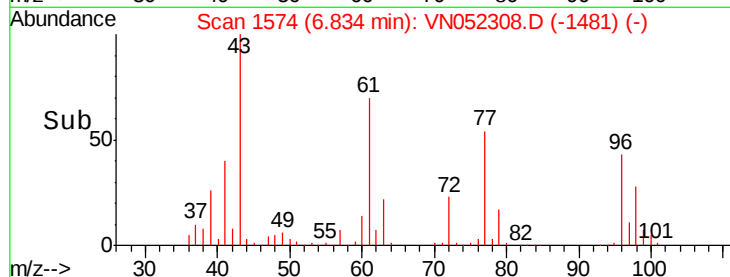
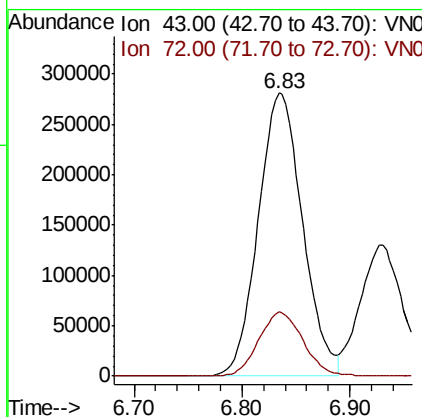
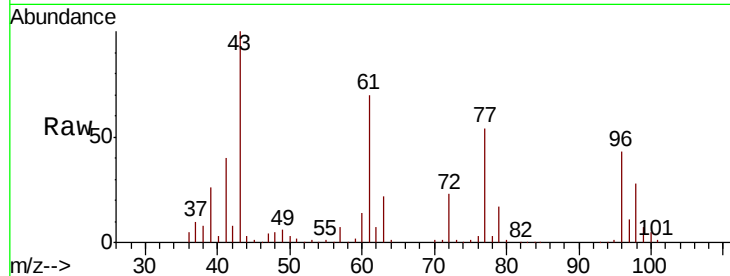
#25
 2-Butanone
 Concen: 504.802 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 799184
 Ion Ratio Lower Upper
 43 100
 72 22.7 18.6 27.8

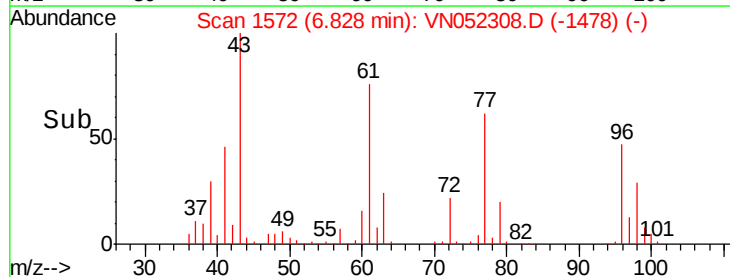
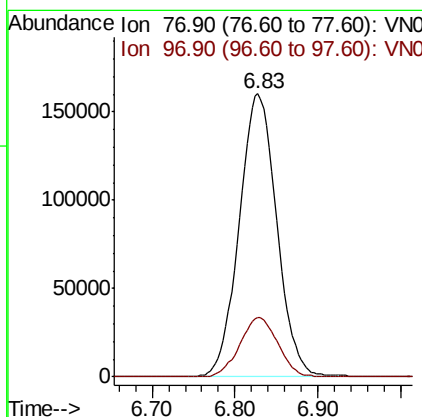
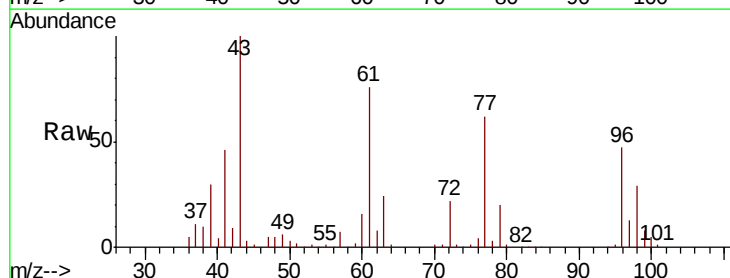
Manual Integrations
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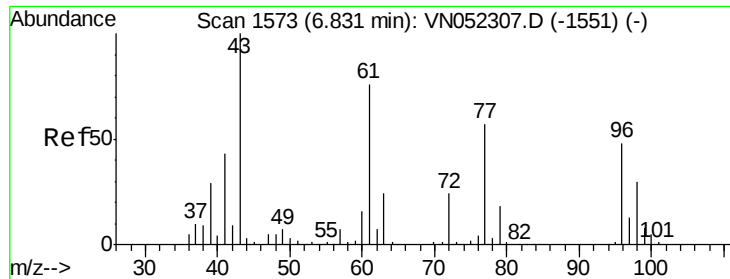
MMDadoda
 11/20/2018 2:58:23 PM



#26
 2,2-Dichloropropane
 Concen: 102.472 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion: 77 Resp: 503995
 Ion Ratio Lower Upper
 77 100
 97 21.3 11.1 33.1





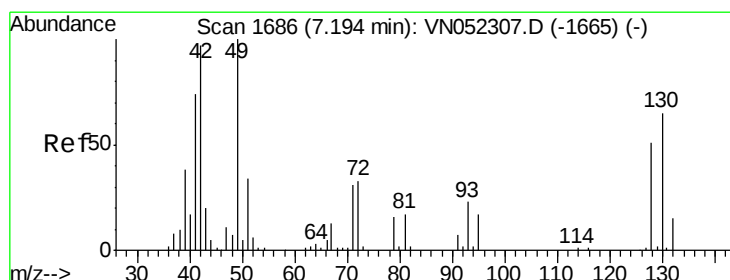
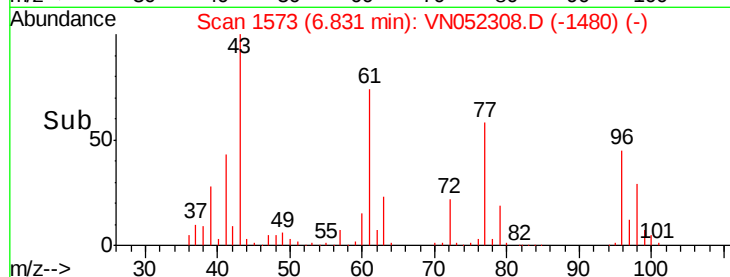
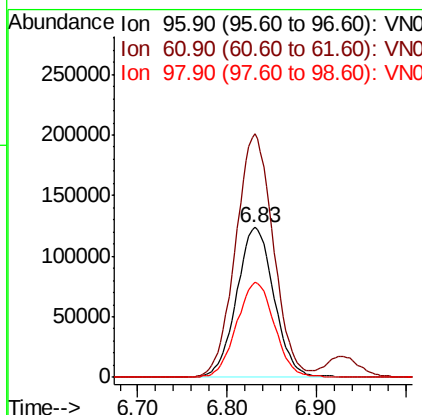
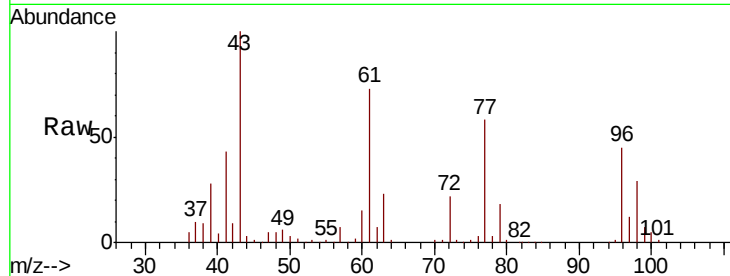
#27
 cis-1,2-Dichloroethene
 Concen: 96.598 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	360477		
61	163.5	0.0	316.8	
98	64.5	0.0	126.6	

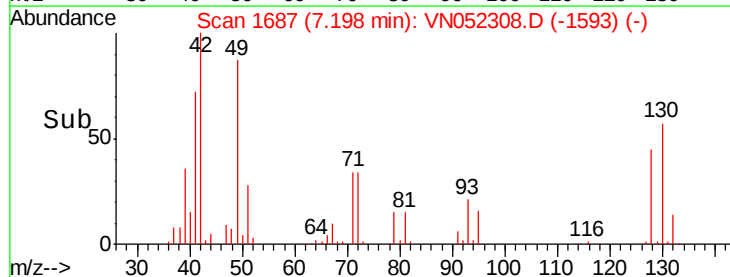
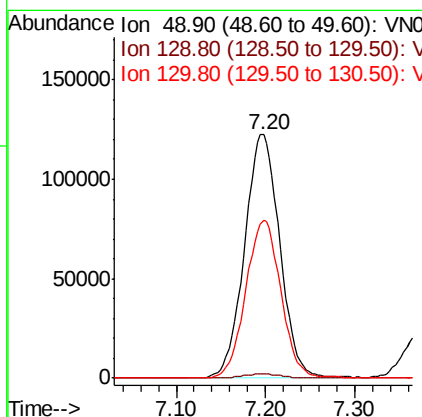
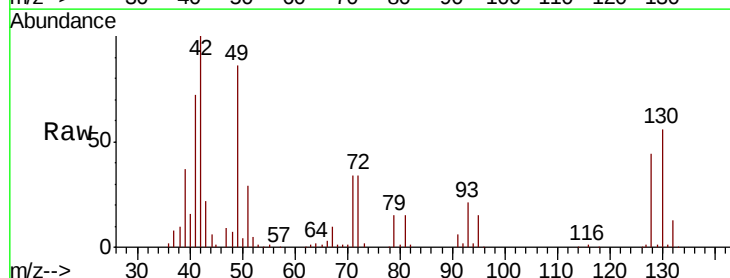
Manual Integrations
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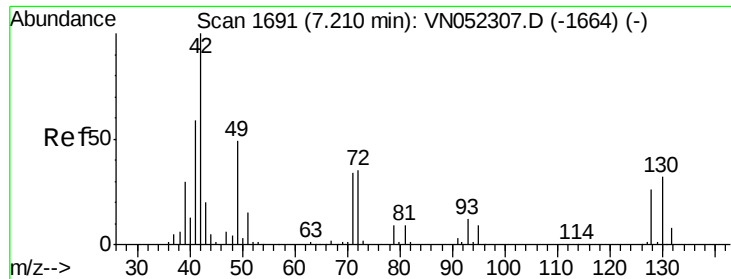
MMDadoda
 11/20/2018 2:58:23 PM



#28
 Bromochloromethane
 Concen: 98.039 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	337176		
129	1.8	0.0	3.0	
130	64.8	50.4	75.6	





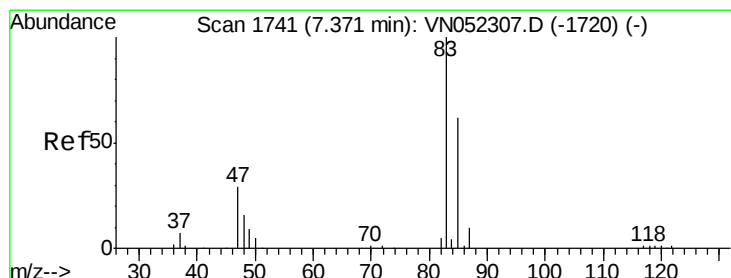
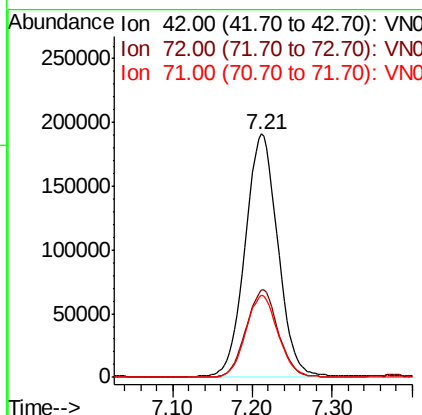
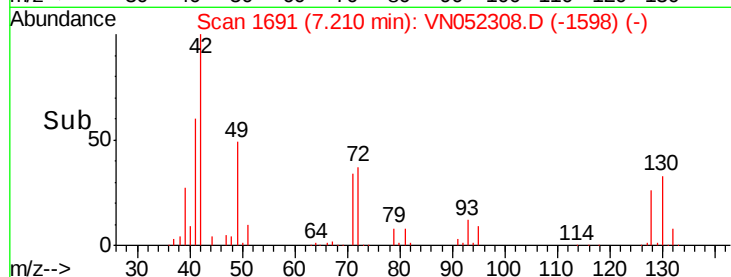
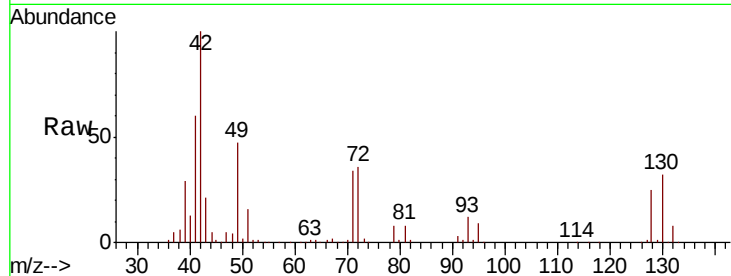
#29
Tetrahydrofuran
Concen: 506.436 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.5	28.6	42.8
71	33.5	26.7	40.1

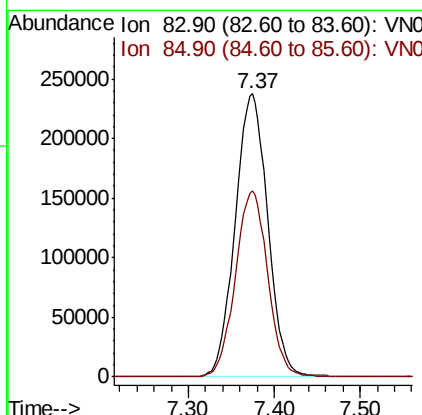
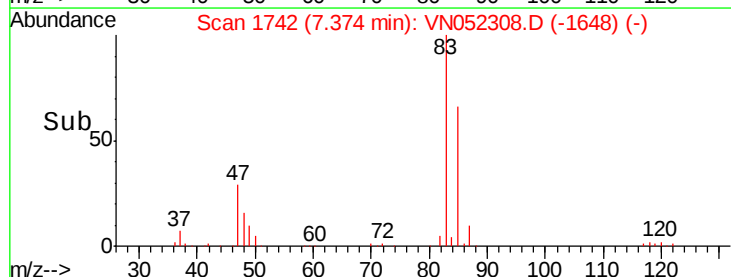
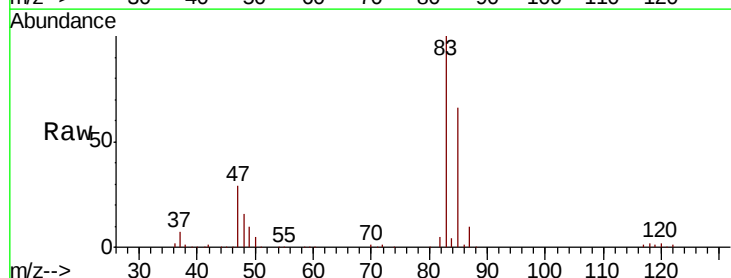
Manual Integrations
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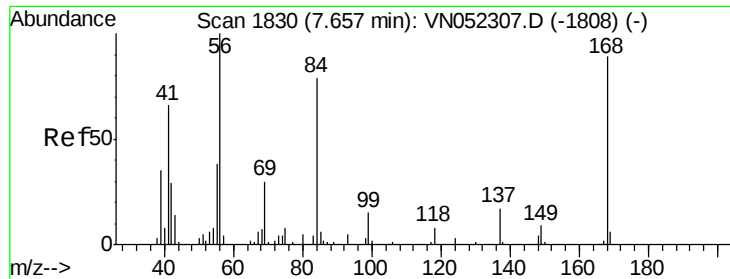
MMDadoda
11/20/2018 2:58:23 PM



#30
Chloroform
Concen: 98.088 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	49.4	74.2





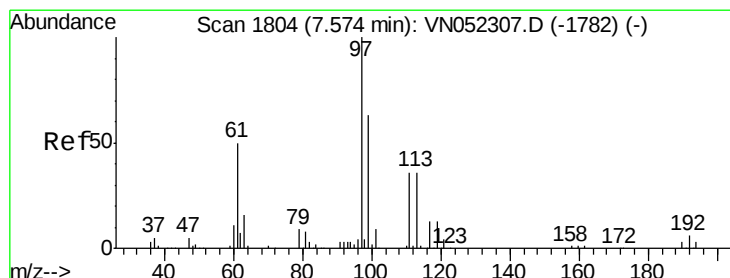
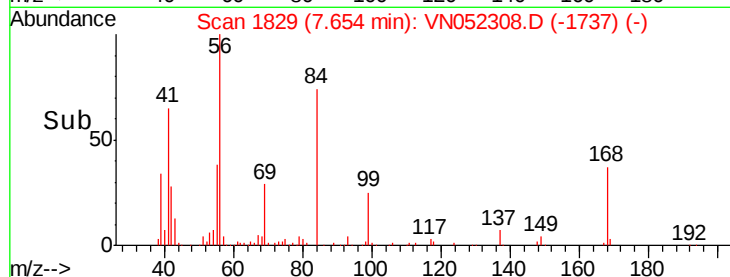
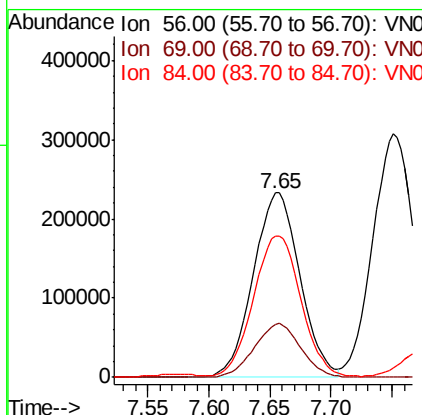
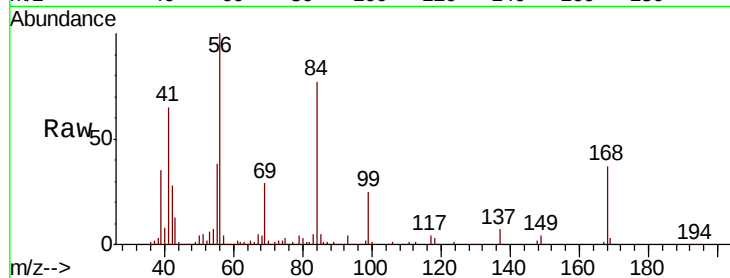
#31
Cyclohexane
Concen: 79.731 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.8	35.8
84	75.4	63.0	94.6

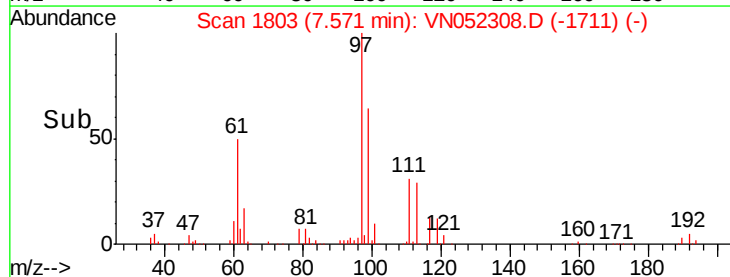
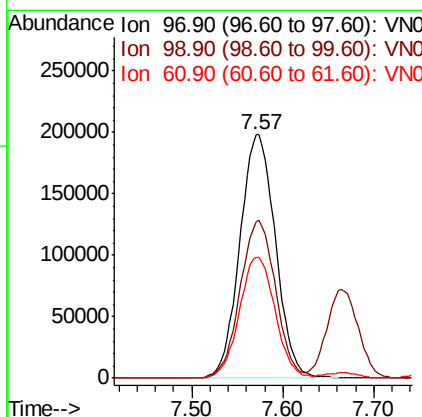
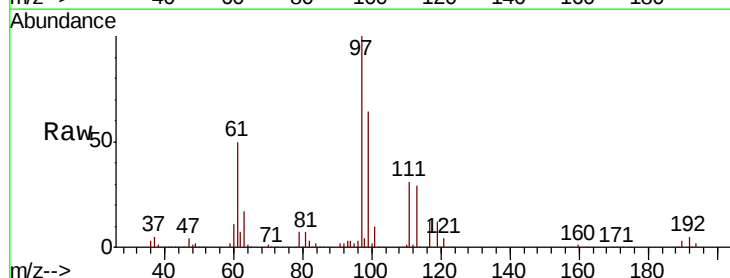
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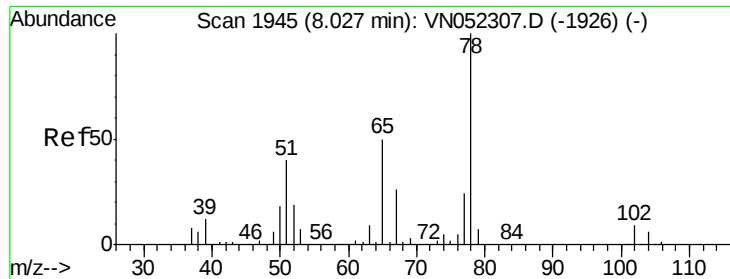
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11/20/2018 2:58:23 PM



#32
1,1,1-Trichloroethane
Concen: 99.206 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.2	75.2
61	49.8	40.2	60.4





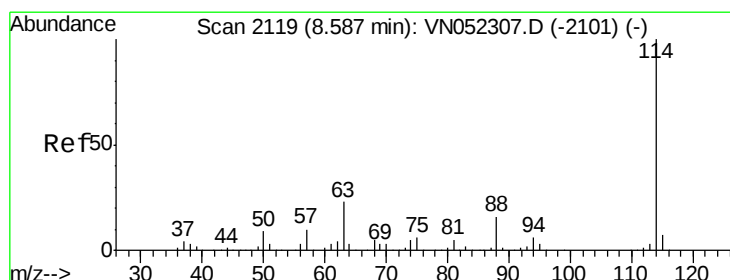
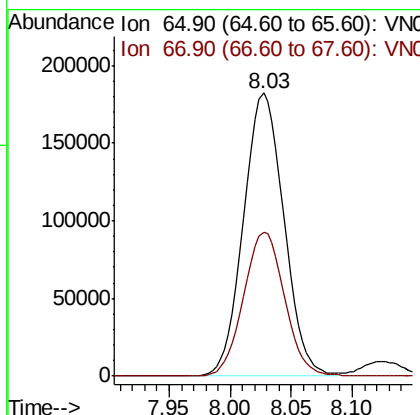
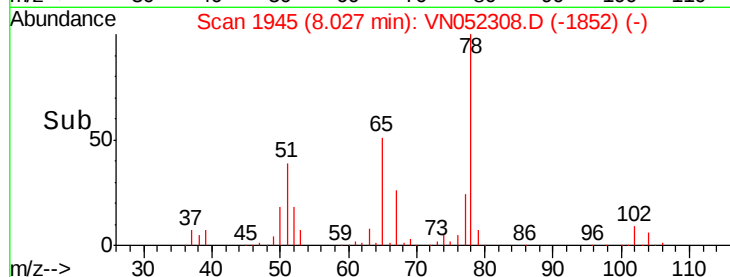
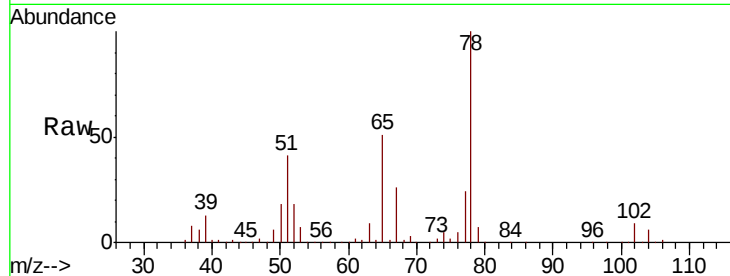
#33
 1,2-Dichloroethane-d4
 Concen: 99.206 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 65 Resp: 418044
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2

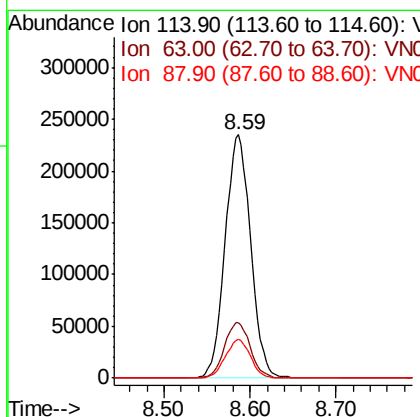
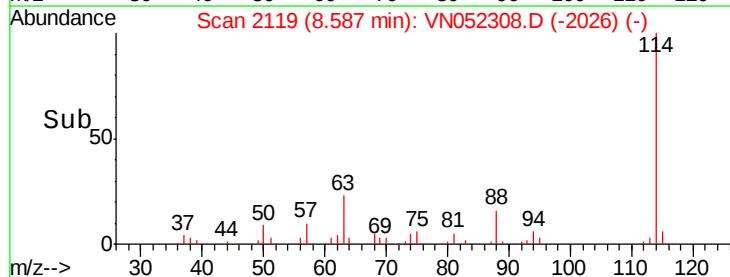
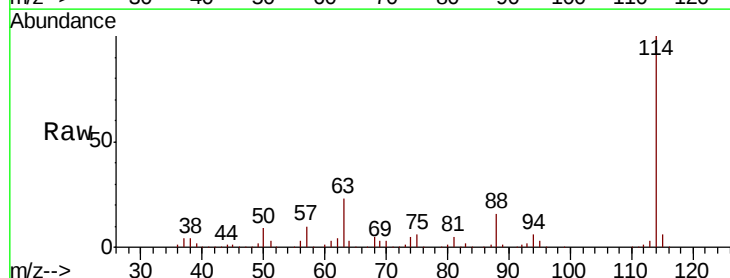
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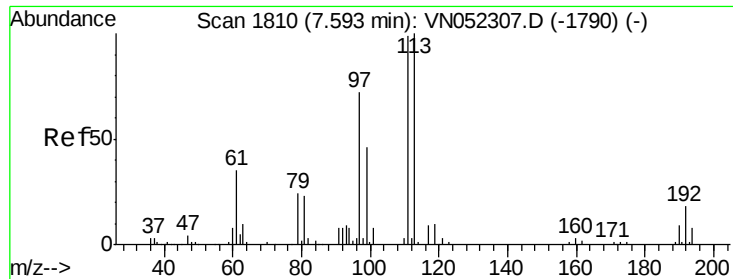
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 11/20/2018 2:58:23 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion: 114 Resp: 484445
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.4
 88 16.1 0.0 31.2





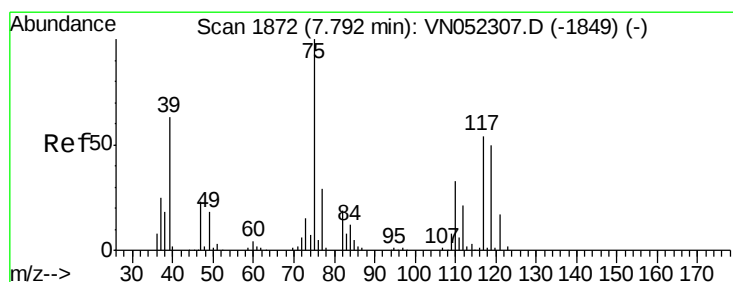
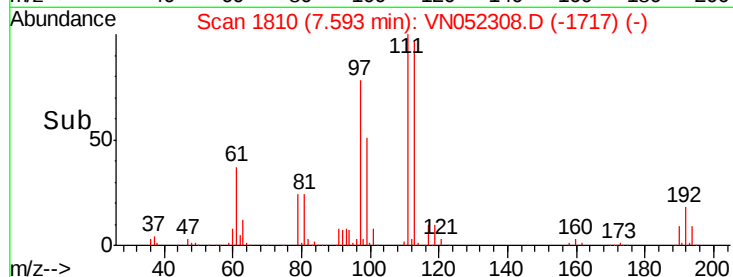
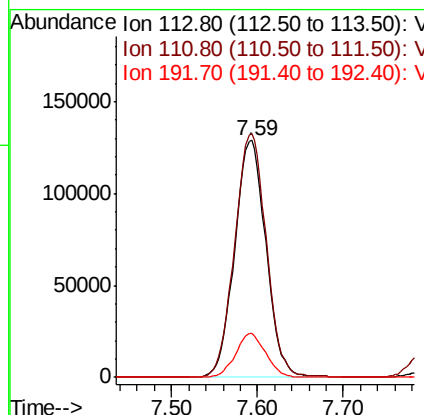
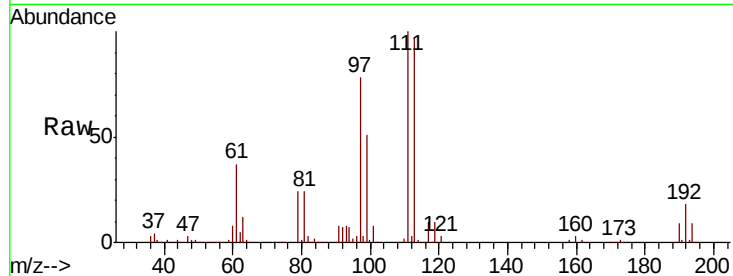
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.7	81.0	121.6	
192	17.8	13.8	20.6	

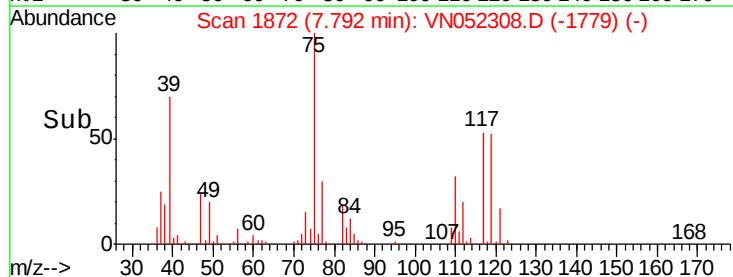
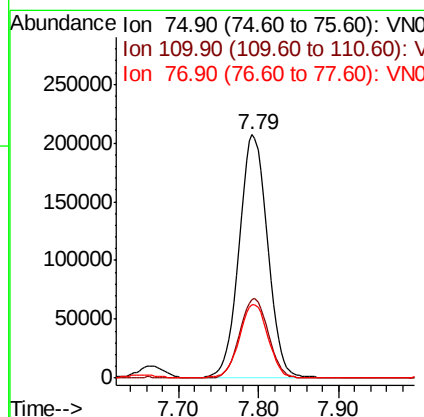
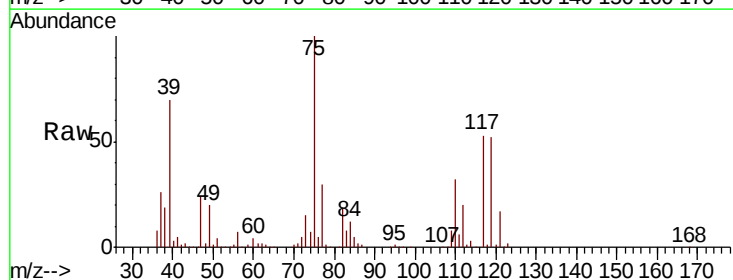
Manual Integrations
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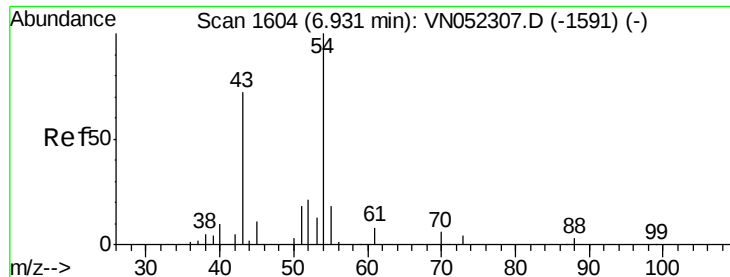
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#36
1,1-Dichloropropene
Concen: 101.830 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.1	16.5	49.5	
77	31.0	24.2	36.2	





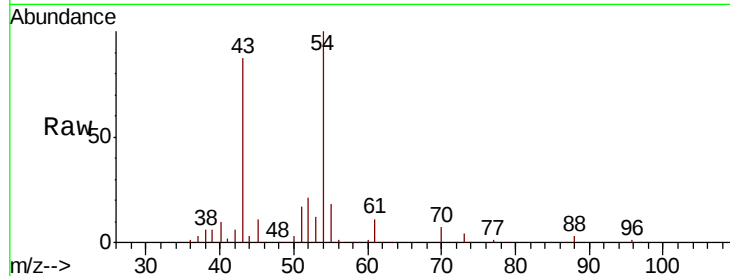
#37
Ethyl Acetate
Concen: 98.752 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

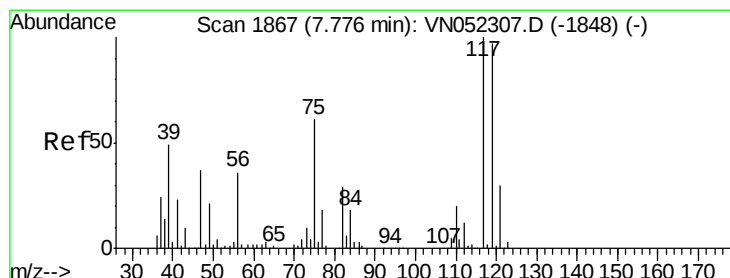
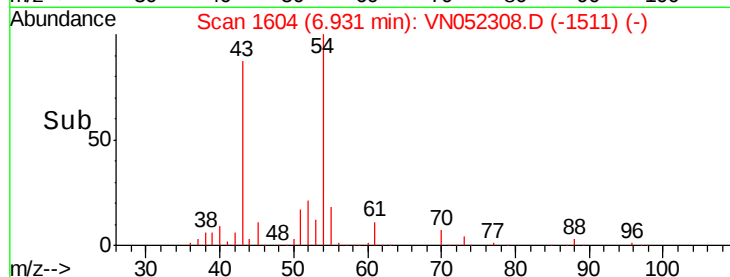
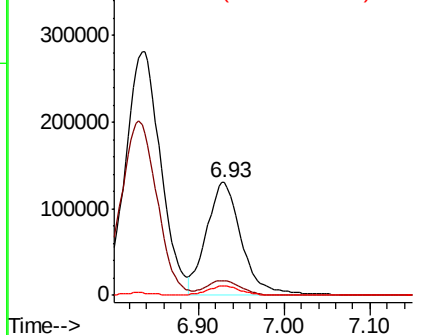
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.3	15.5
70	7.8	5.6	8.4

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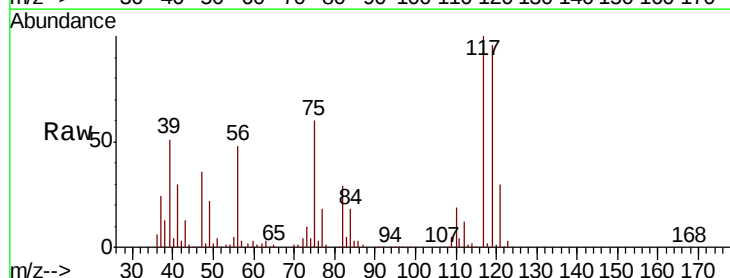


Abundance Ion 43.00 (42.70 to 43.70): VN052308.D (-1511) (-)
Ion 60.90 (60.60 to 61.60): VN052308.D (-1511) (-)
Ion 70.00 (69.70 to 70.70): VN052308.D (-1511) (-)

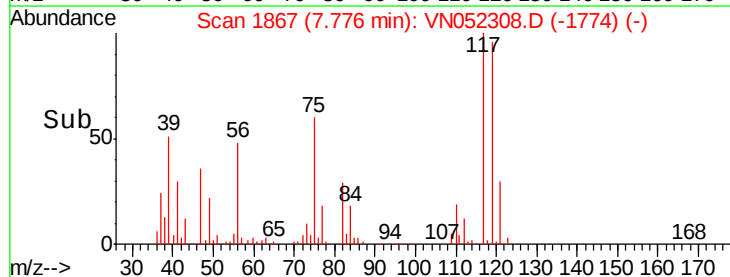
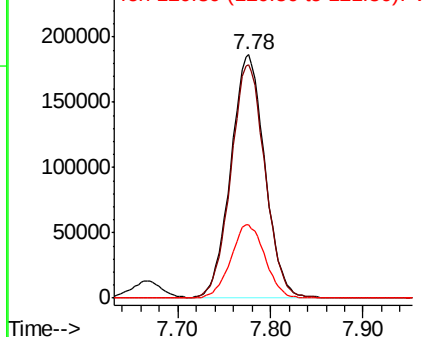


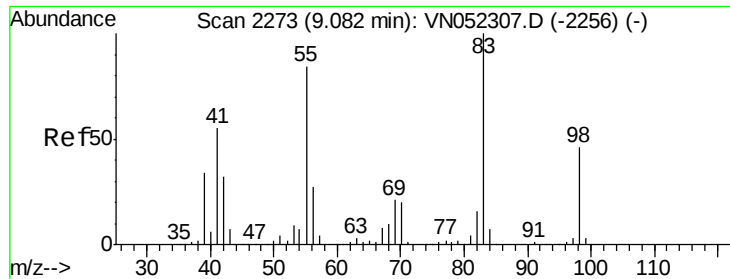
#38
Carbon Tetrachloride
Concen: 105.776 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
121	30.0	24.0	36.0



Abundance Ion 116.80 (116.50 to 117.50): VN052308.D (-1774) (-)
Ion 118.80 (118.50 to 119.50): VN052308.D (-1774) (-)
Ion 120.80 (120.50 to 121.50): VN052308.D (-1774) (-)





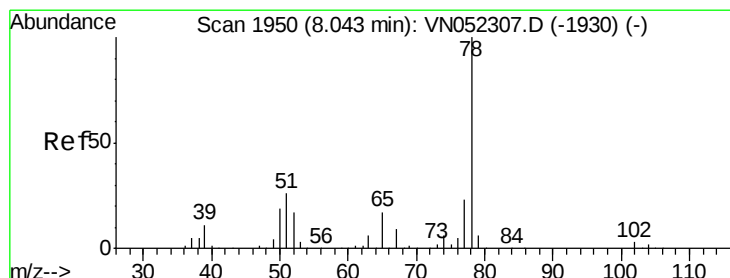
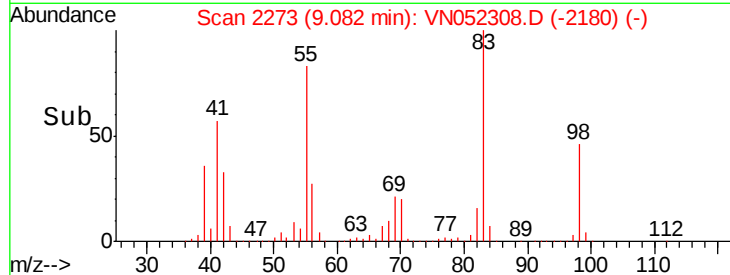
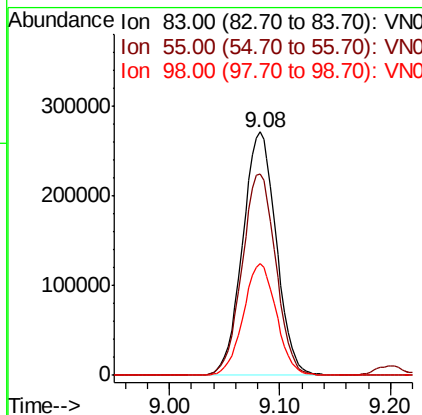
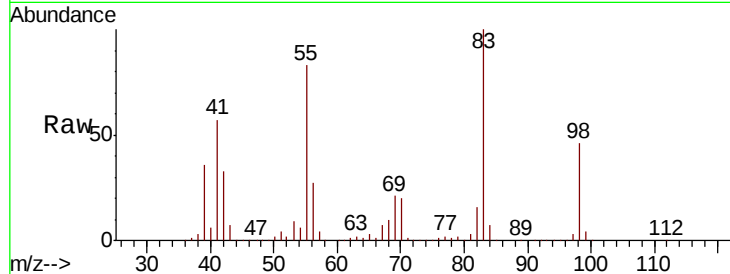
#39
Methvlcvclohexane
Concen: 103.311 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.0	66.8	100.2
98	45.7	36.4	54.6

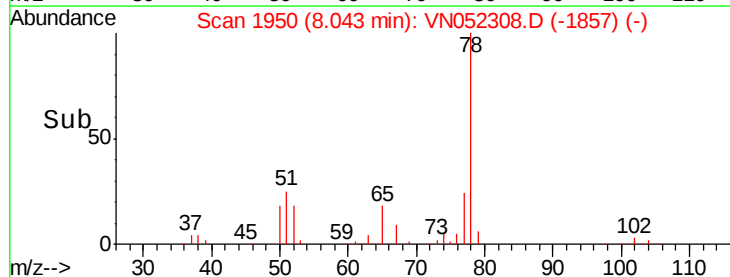
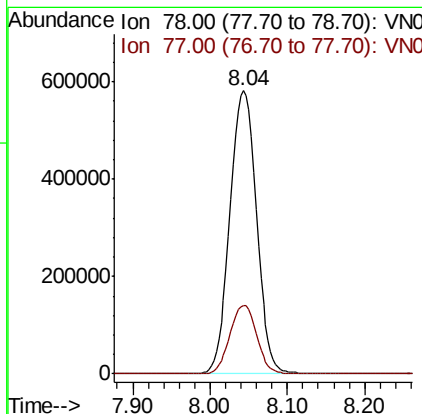
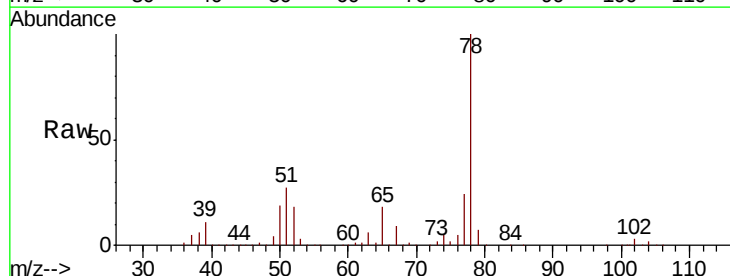
Manual Integrations
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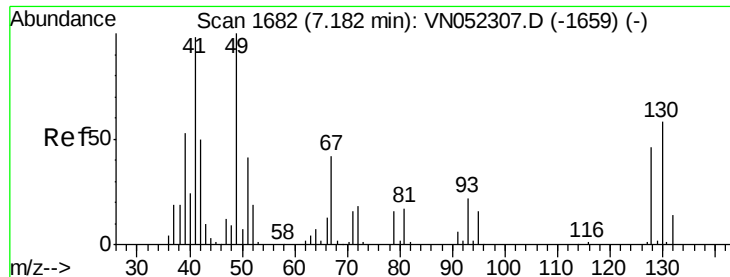
MMDadoda
11/20/2018 2:58:23 PM



#40
Benzene
Concen: 100.023 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.7	28.1





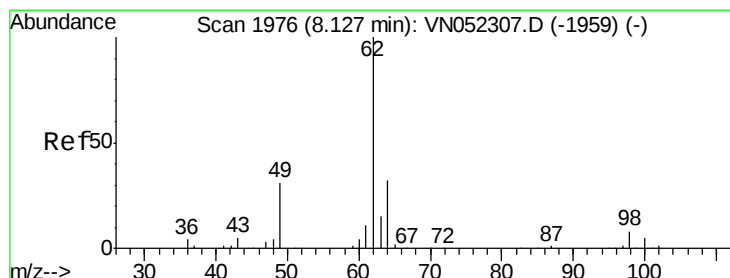
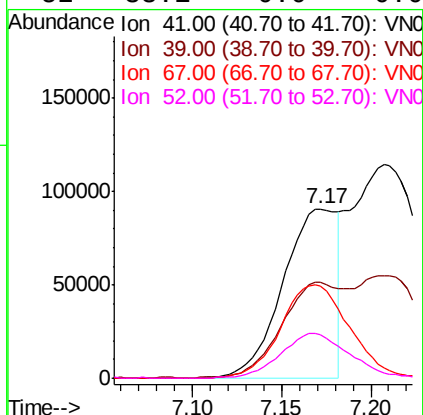
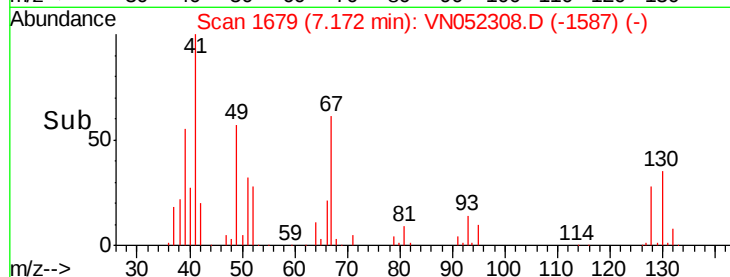
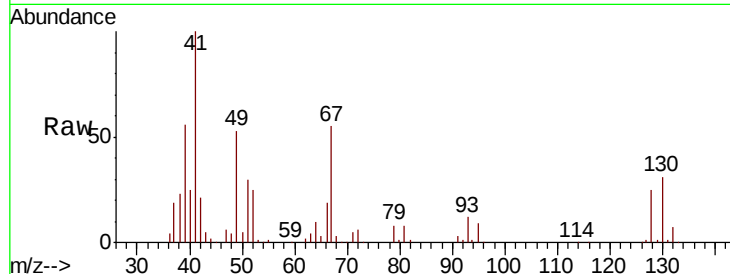
#41
Methacrylonitrile
Concen: 95.994 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.6	0.0	0.0#
67	71.1	0.0	0.0#
52	33.1	0.0	0.0#

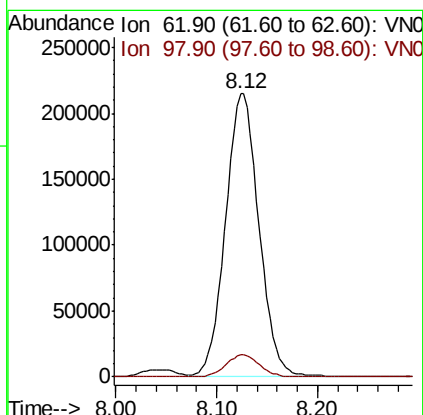
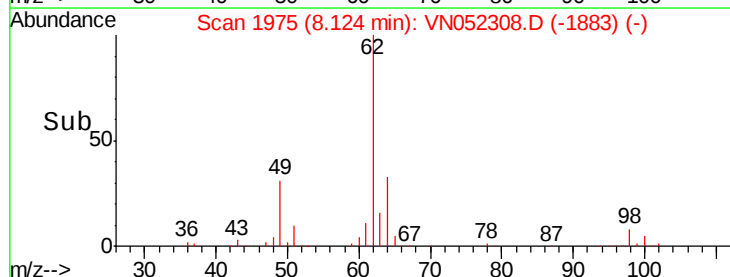
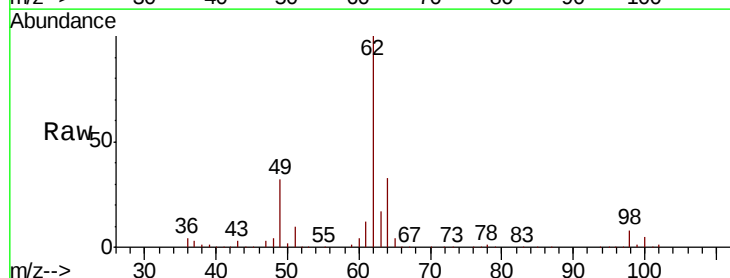
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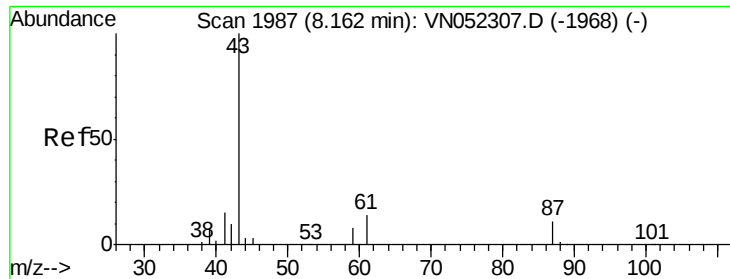
MMDadoda
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#42
1,2-Dichloroethane
Concen: 99.912 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.6





#43

Isopropyl Acetate

Concen: 100.311 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

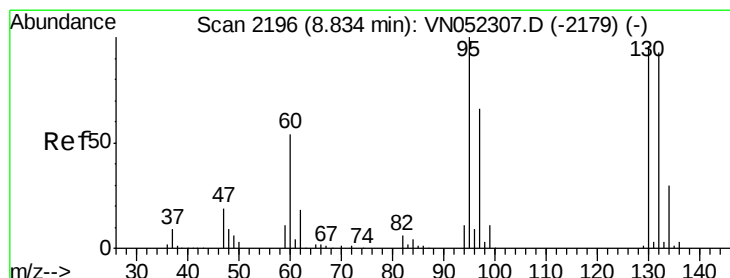
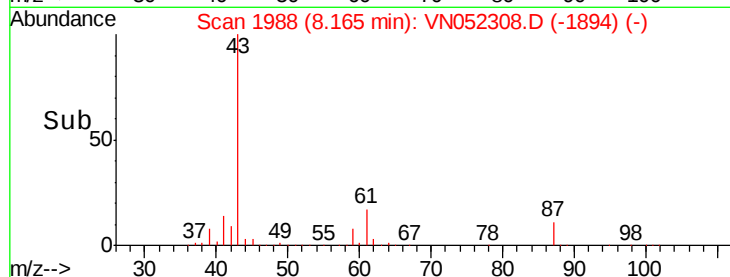
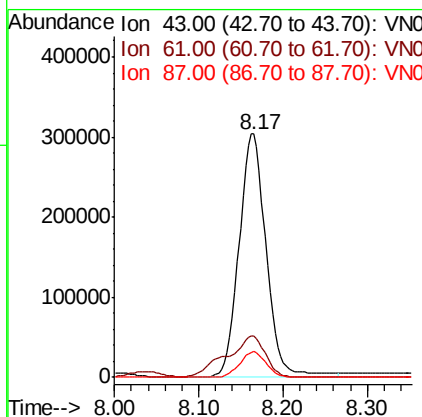
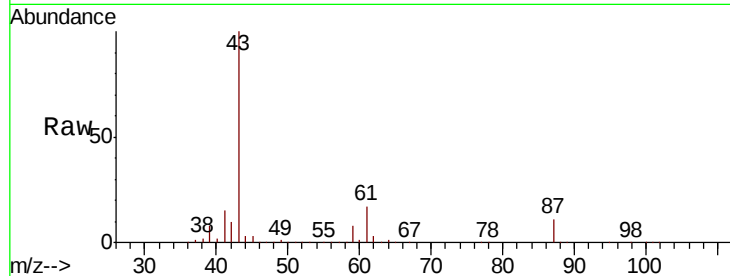
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	682108
Ion Ratio	Lower	Upper	
43	100		
61	24.2	12.0	18.0#
87	10.4	8.3	12.5

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#44

Trichloroethene

Concen: 102.232 ug/l

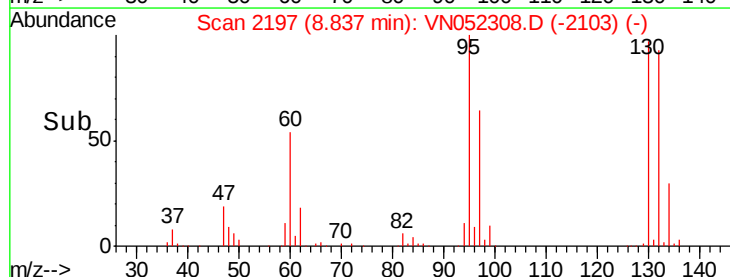
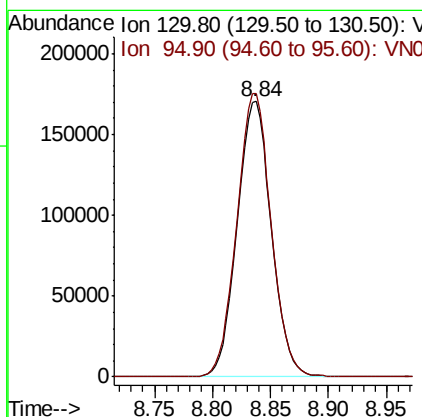
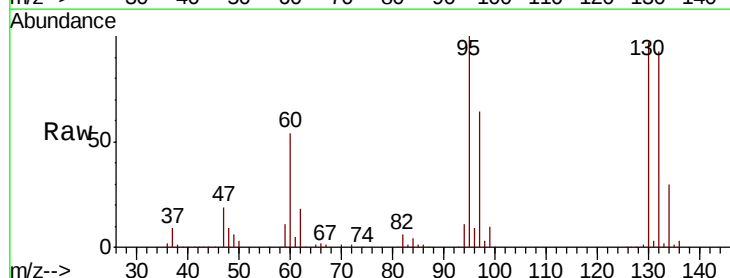
RT: 8.84 min Scan# 2197

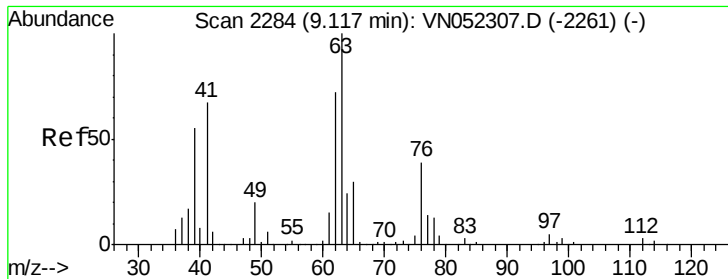
Delta R.T. 0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Tgt Ion:	130	Resp:	349315
Ion Ratio	Lower	Upper	
130	100		
95	102.8	0.0	208.4





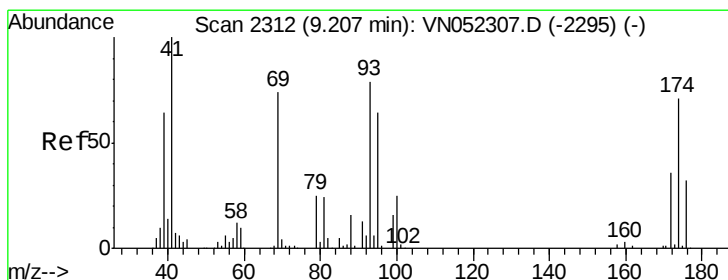
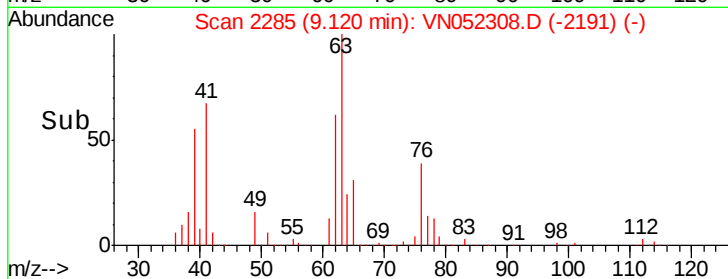
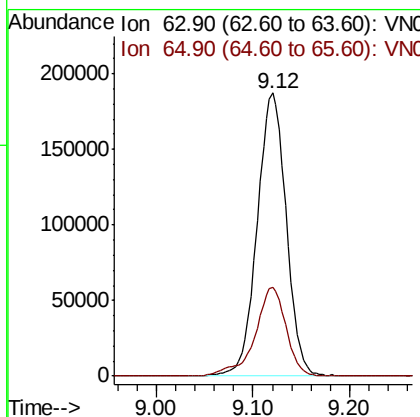
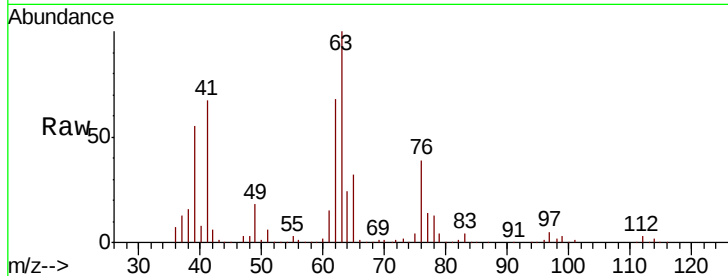
#45
 1,2-Dichloropropane
 Concen: 99.154 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
63	100	390333		
65	31.6	24.2	36.4	

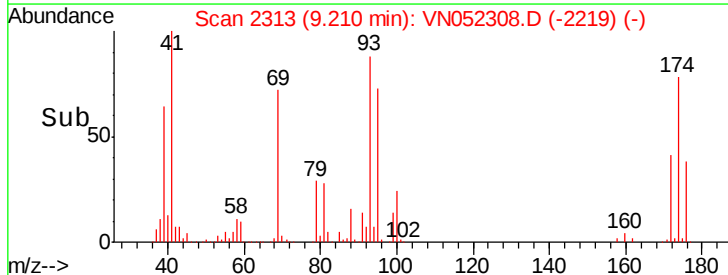
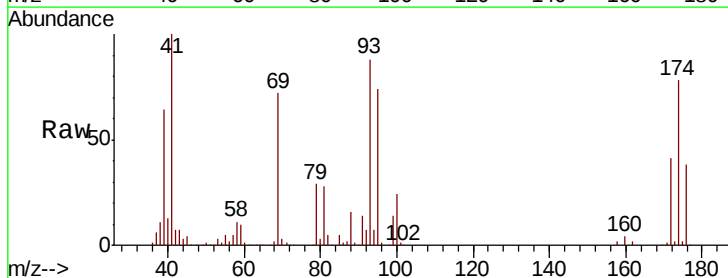
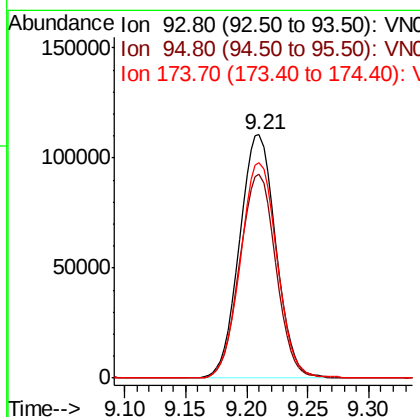
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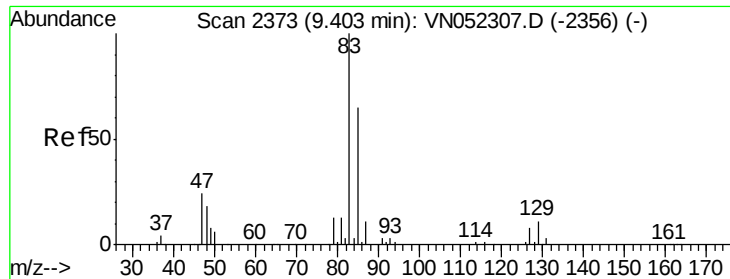
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#46
 Dibromomethane
 Concen: 100.045 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	227994		
95	83.4	64.2	96.2	
174	89.2	70.9	106.3	





#47

Bromodichloromethane

Concen: 104.446 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

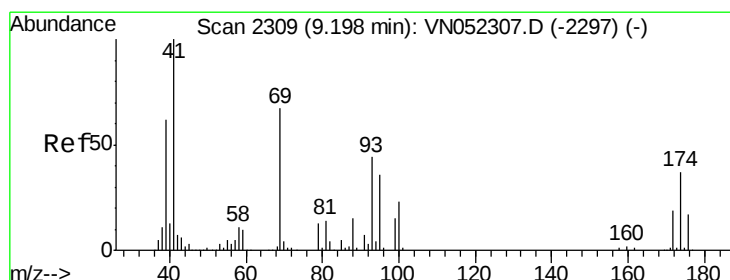
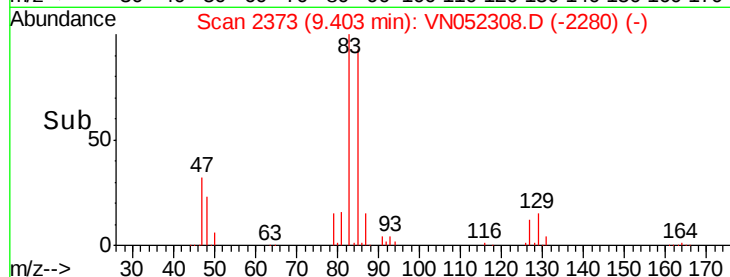
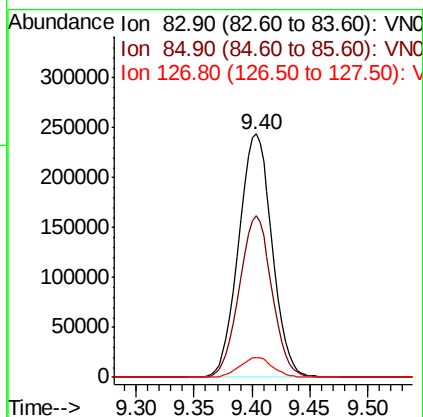
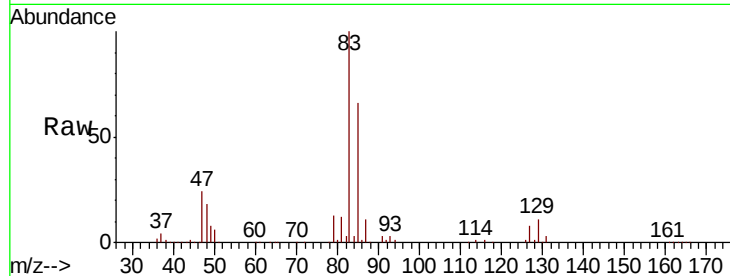
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	488448
Ion Ratio	Lower	Upper	
83	100		
85	66.2	52.2	78.4
127	8.2	6.7	10.1

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11/20/2018 2:58:23 PM



#48

Methyl methacrylate

Concen: 99.832 ug/l

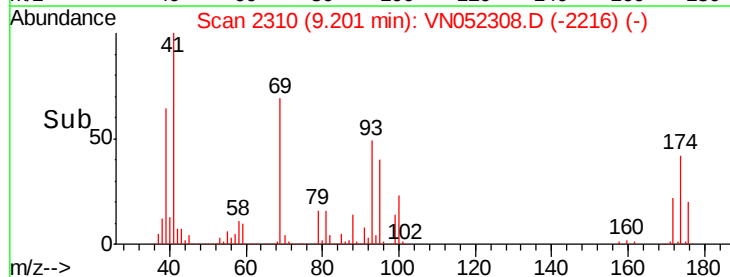
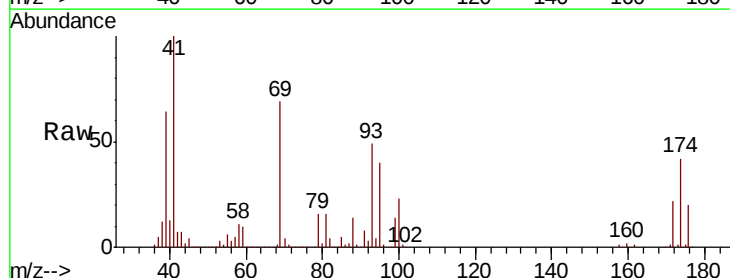
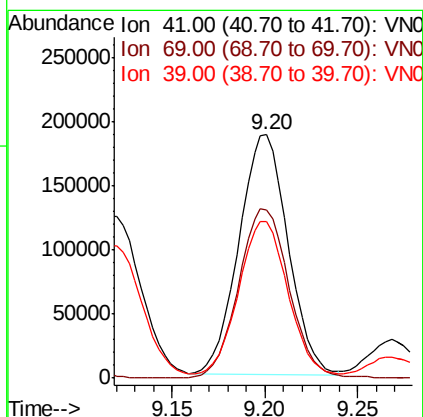
RT: 9.20 min Scan# 2310

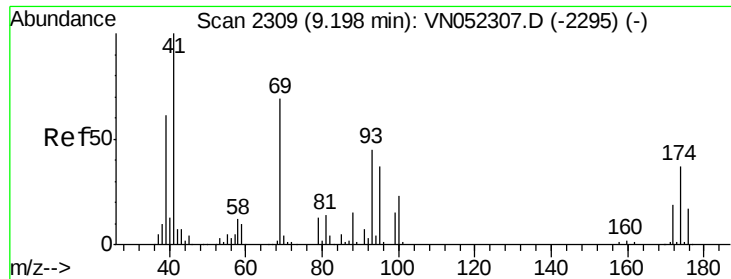
Delta R.T. 0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Tgt Ion:	41	Resp:	344463
Ion Ratio	Lower	Upper	
41	100		
69	72.9	57.1	85.7
39	66.8	52.5	78.7





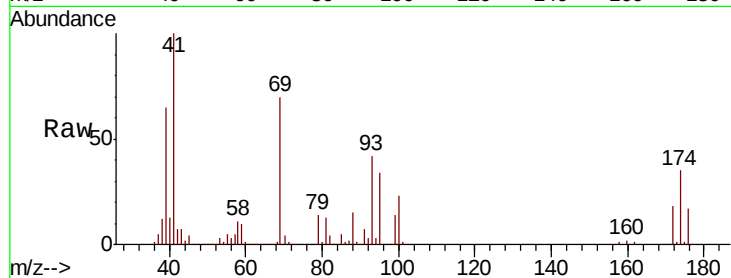
#49
1,4-Dioxane
Concen: 2164.818 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

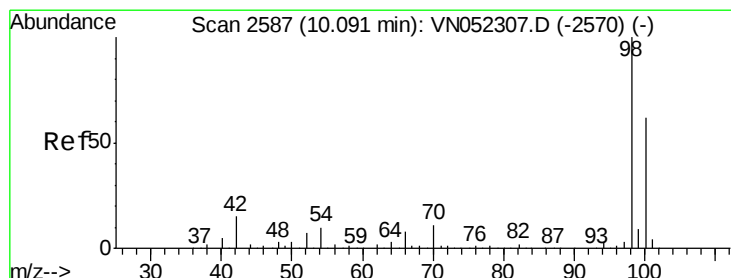
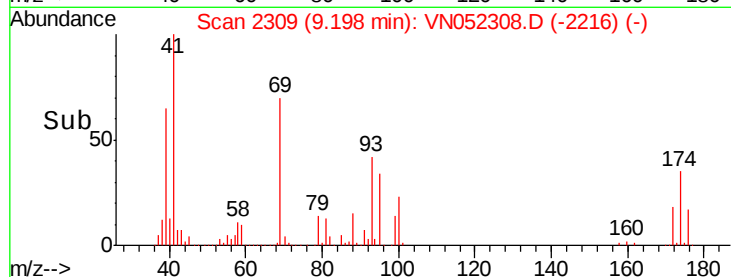
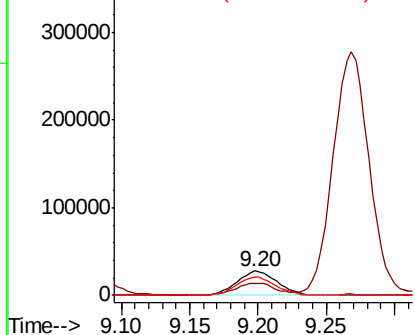
Tot Ion	Ratio	Lower	Upper
88	100		
43	44.8	33.3	49.9
58	72.6	59.2	88.8

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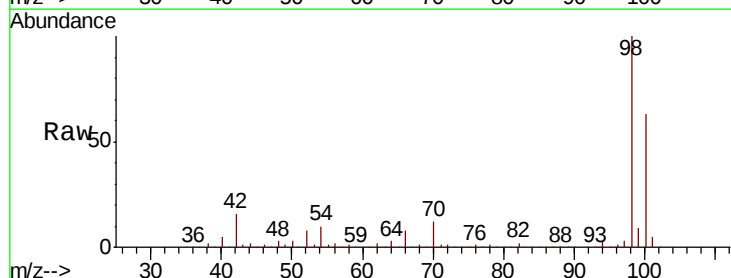


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

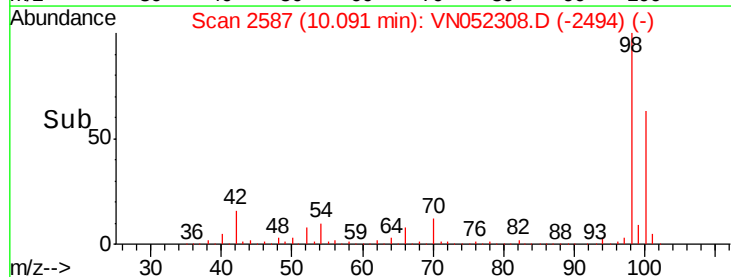
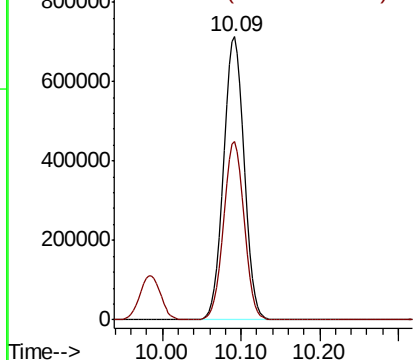


#50
Toluene-d8
Concen: 2164.818 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	49.5	74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 529.239 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1811532

Ion Ratio Lower Upper

43 100

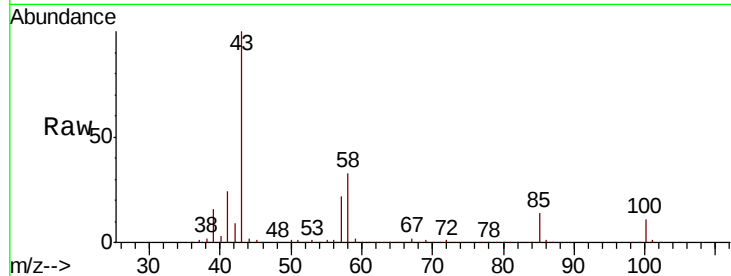
58 33.6 27.0 40.6

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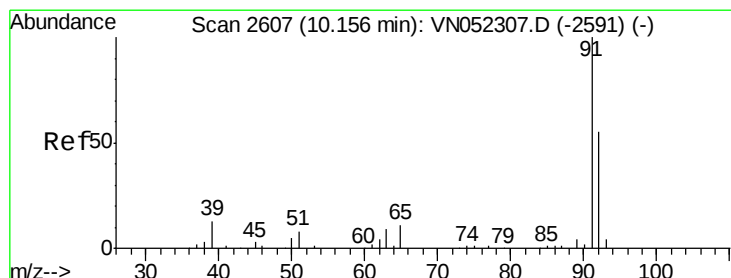
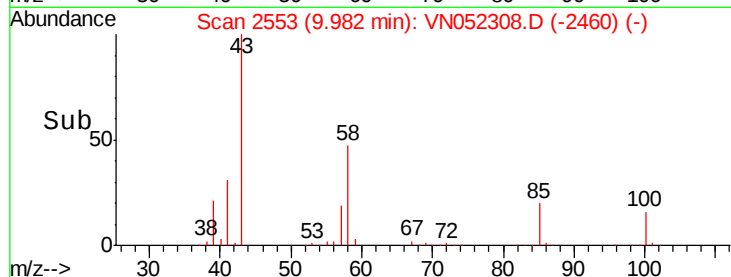
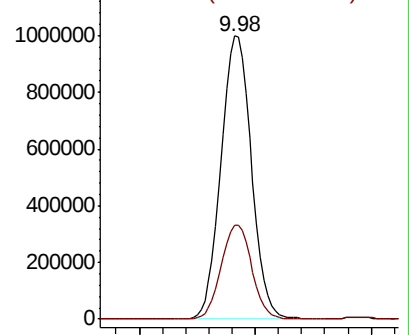
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 102.851 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052308.D

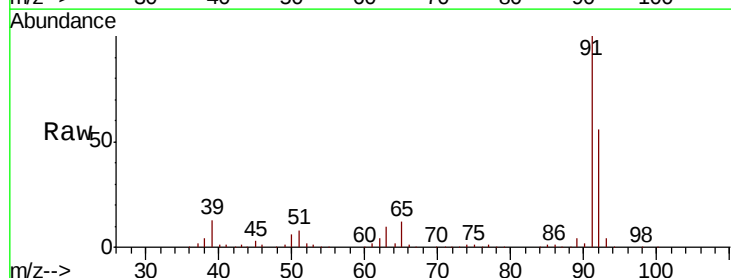
Acq: 14 Nov 2018 12:17

Tgt Ion: 92 Resp: 853461

Ion Ratio Lower Upper

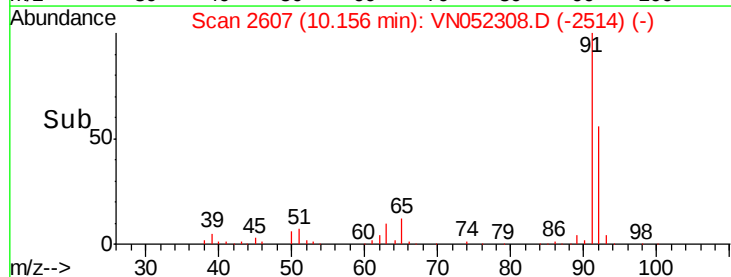
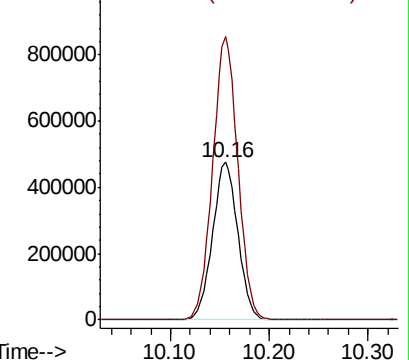
92 100

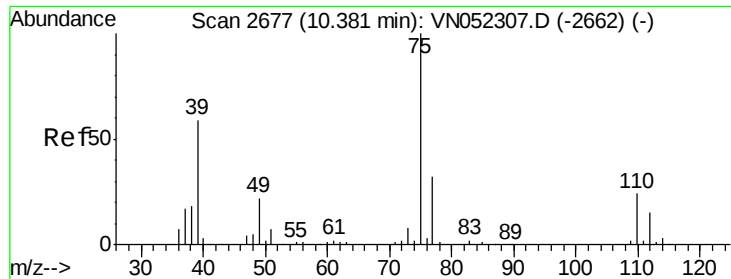
91 178.6 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





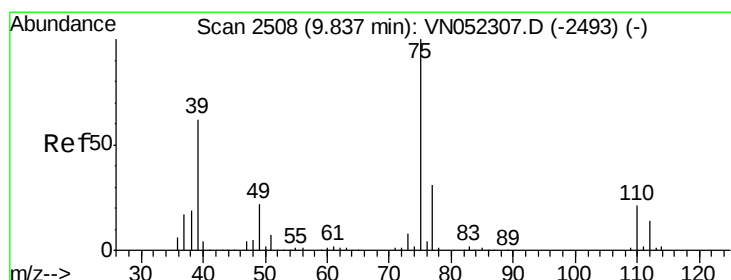
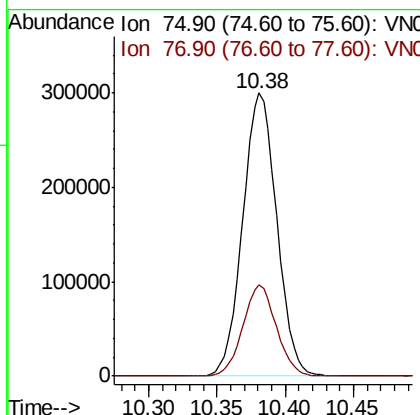
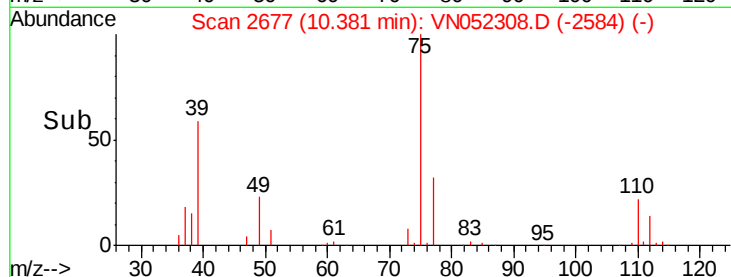
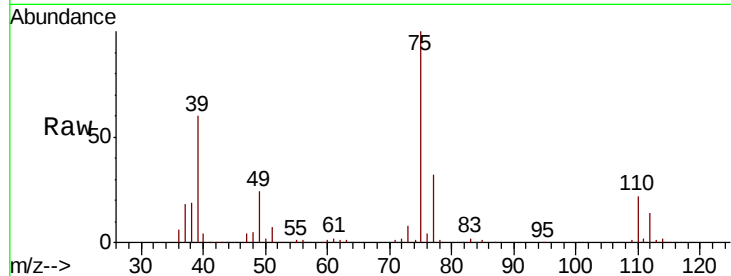
#53
 t-1,3-Dichloropropene
 Concen: 110.283 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 75 Resp: 520151
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.7 38.5

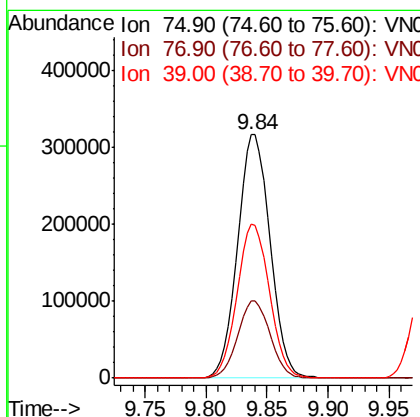
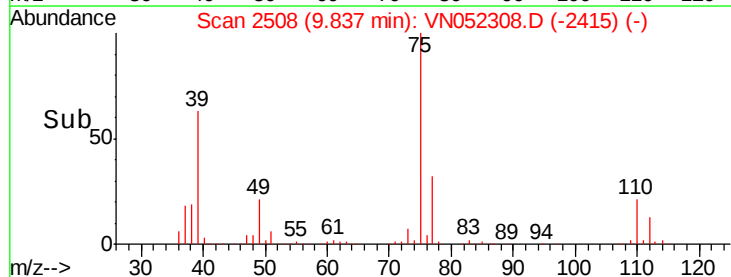
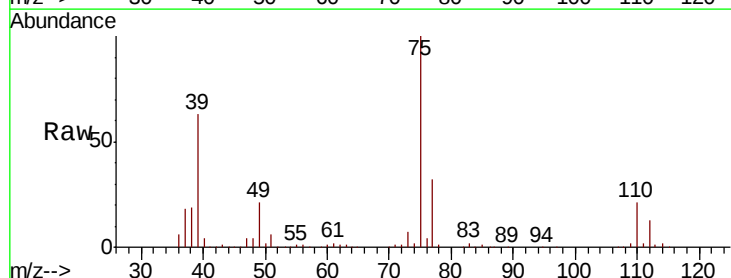
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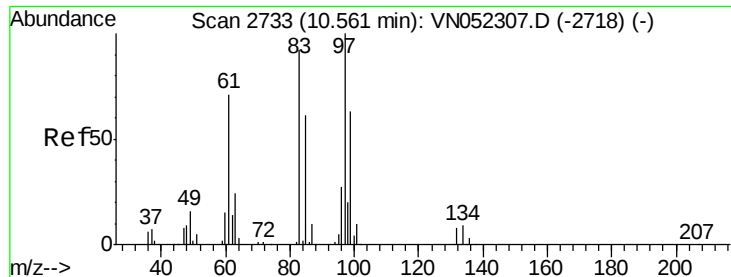
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 11/20/2018 2:58:23 PM



#54
 cis-1,3-Dichloropropene
 Concen: 108.220 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion: 75 Resp: 581865
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8
 39 63.4 49.9 74.9





#55

1,1,2-Trichloroethane

Concen: 102.203 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

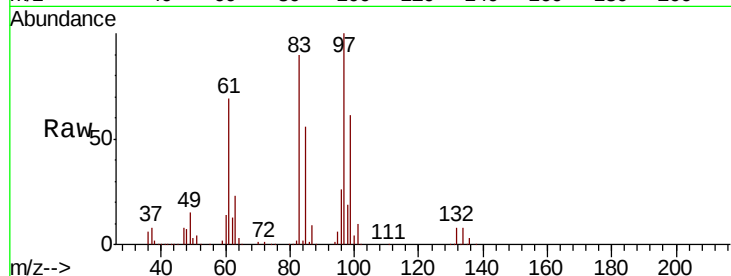
ClientSampleId :

VSTDICC100

Tot Ion:	97	Resp:	307444
Ion	Ratio	Lower	Upper
97	100		
83	89.8	73.8	110.6
85	56.3	49.0	73.4
99	60.9	50.5	75.7

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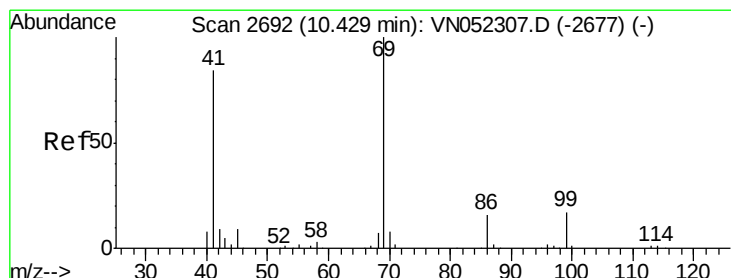
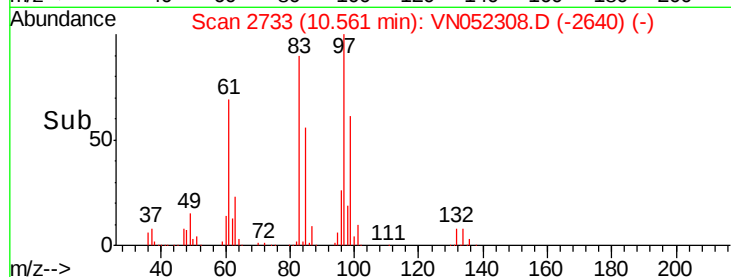
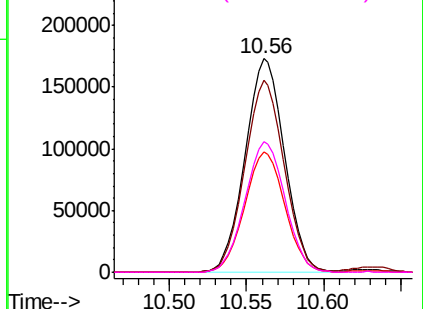
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 110.271 ug/l

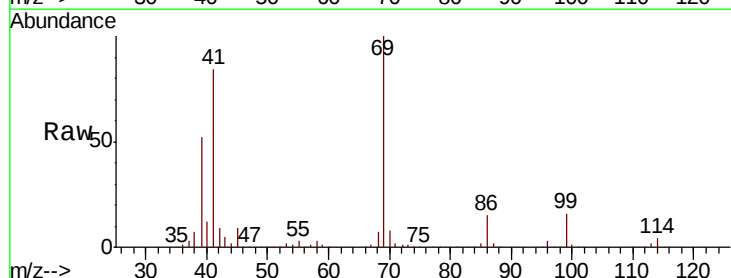
RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Tgt Ion:	69	Resp:	436246
Ion	Ratio	Lower	Upper
69	100		
41	82.3	64.8	97.2
39	50.9	41.0	61.6

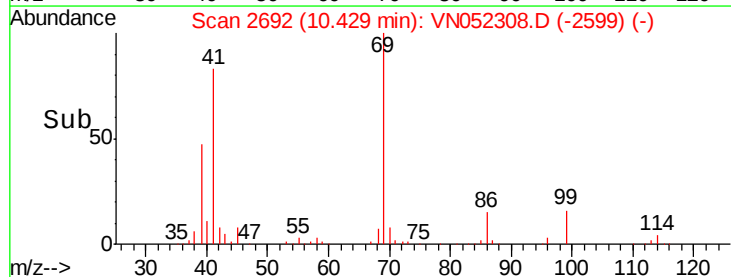
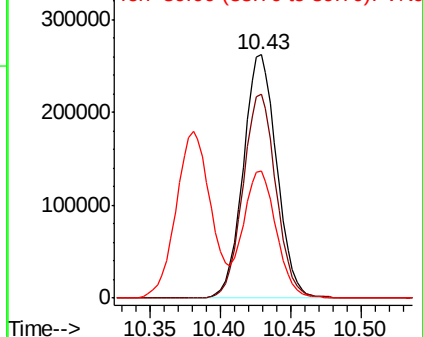


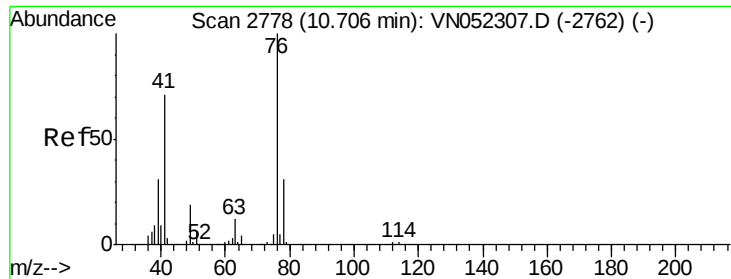
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 102.743 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 547439

Ion Ratio Lower Upper

76 100

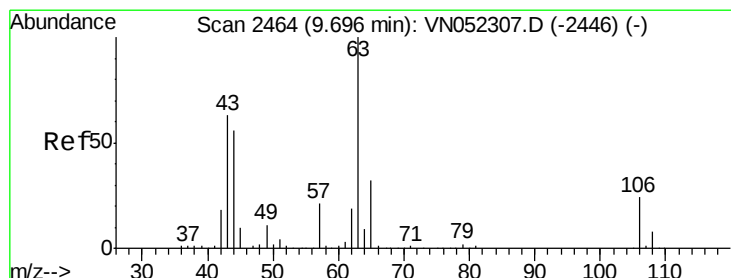
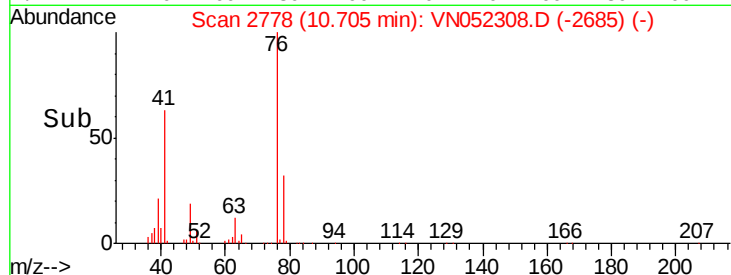
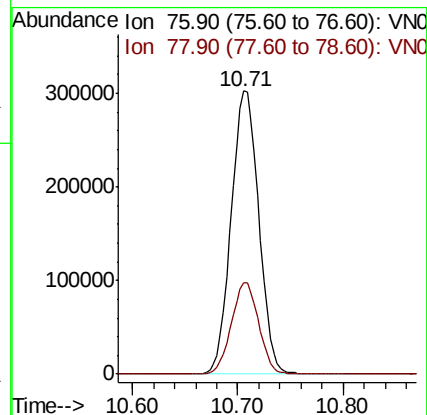
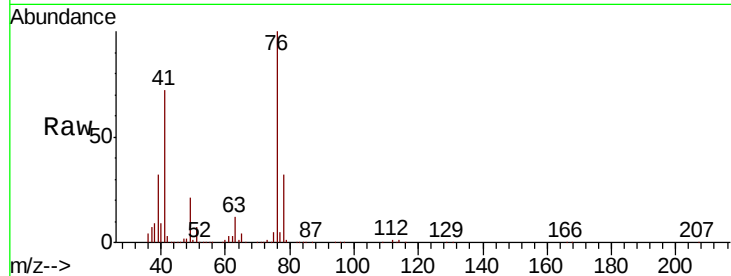
78 32.0 25.7 38.5

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11/20/2018 2:58:23 PM



#58

2-Chloroethyl Vinyl ether

Concen: 538.675 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN052308.D

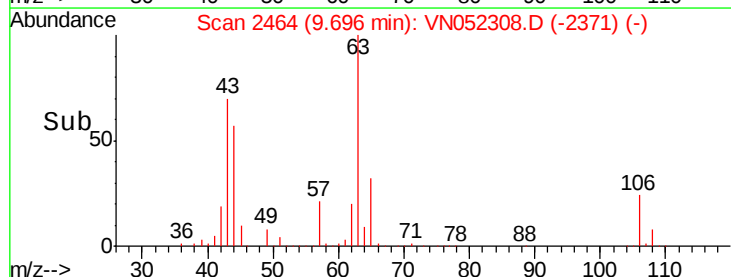
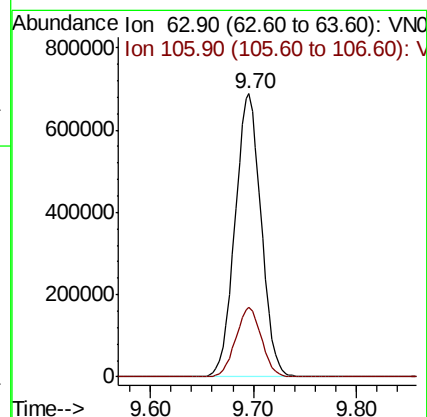
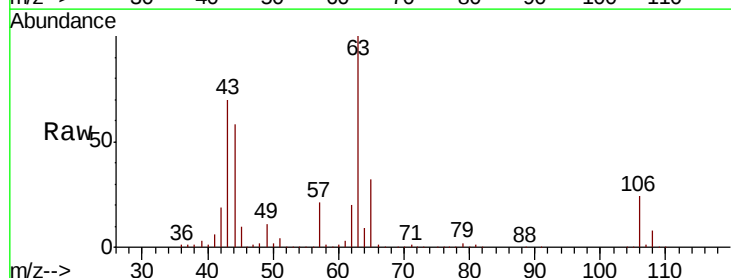
Acq: 14 Nov 2018 12:17

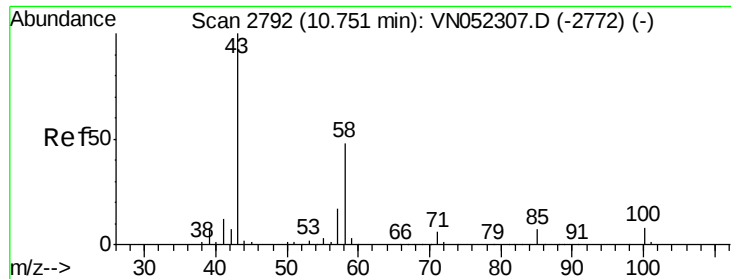
Tgt Ion: 63 Resp: 1213265

Ion Ratio Lower Upper

63 100

106 24.2 19.3 28.9





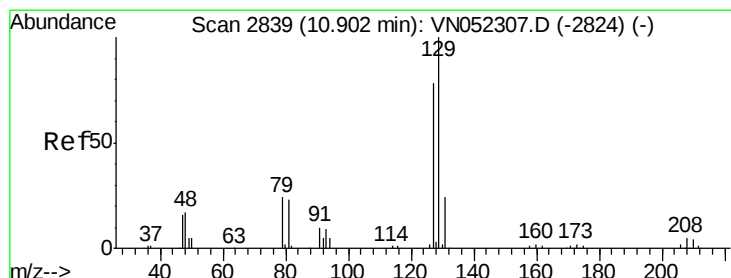
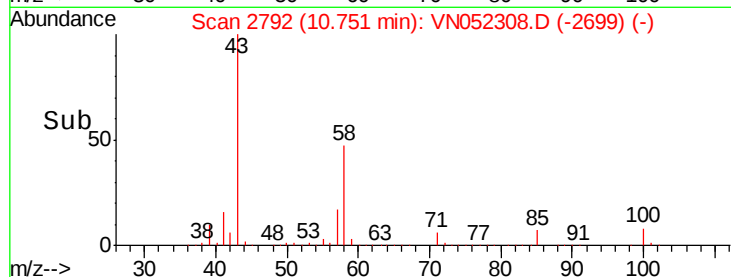
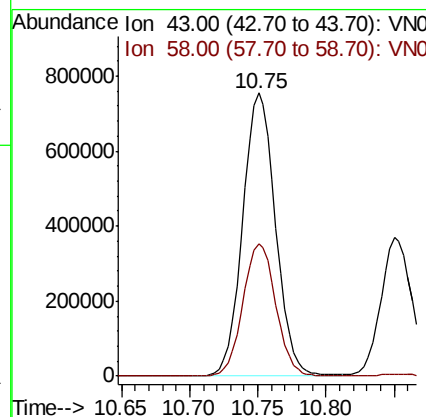
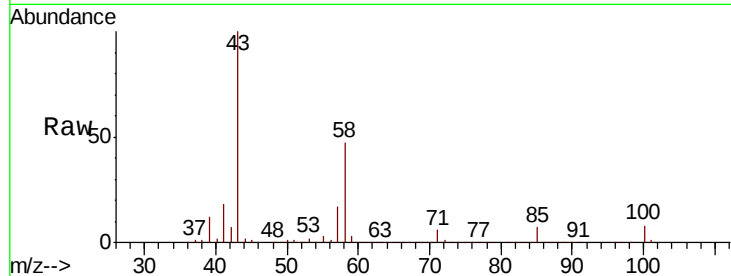
#59
2-Hexanone
Concen: 534.802 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1259125
Ion Ratio Lower Upper
43 100
58 47.1 23.5 70.6

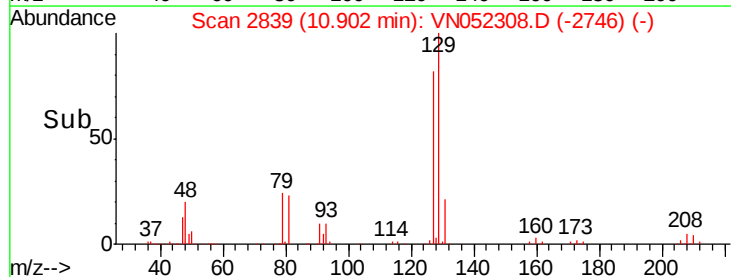
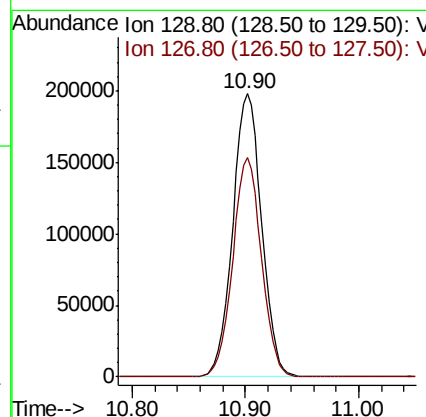
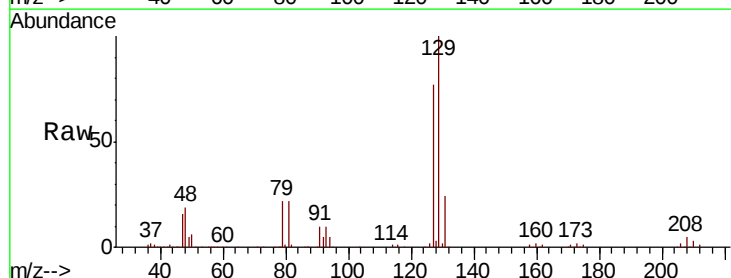
Manual Integrations
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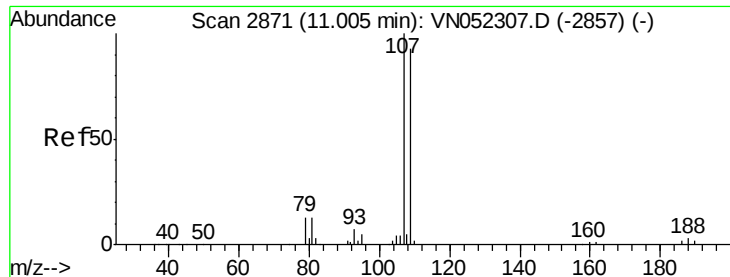
MMDadoda
11/20/2018 2:58:23 PM



#60
Dibromochloromethane
Concen: 107.855 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion: 129 Resp: 351030
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





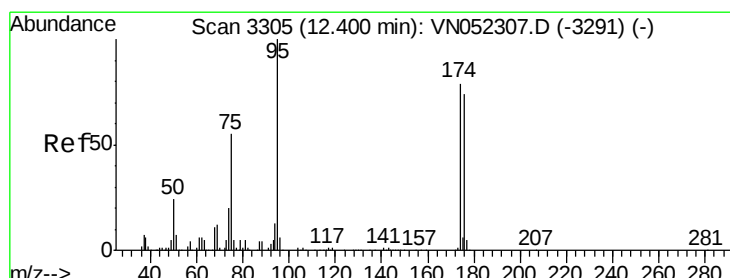
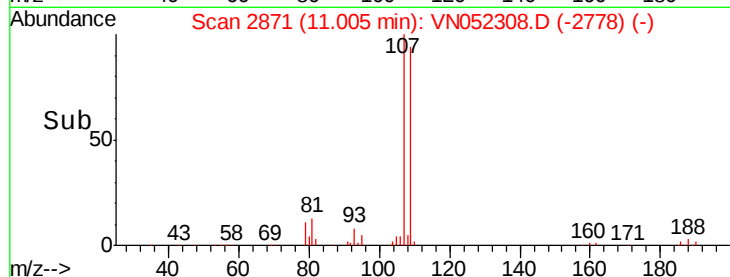
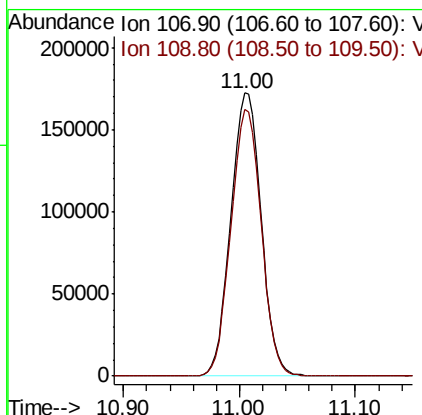
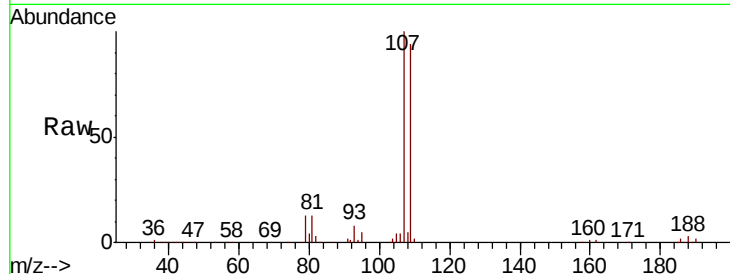
#61
 1,2-Dibromoethane
 Concen: 103.869 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.9	112.3

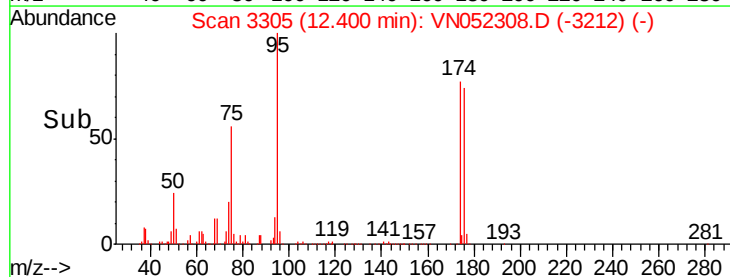
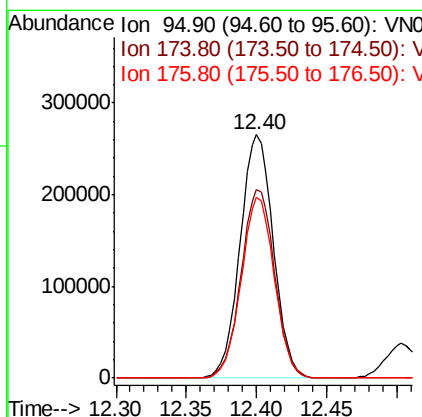
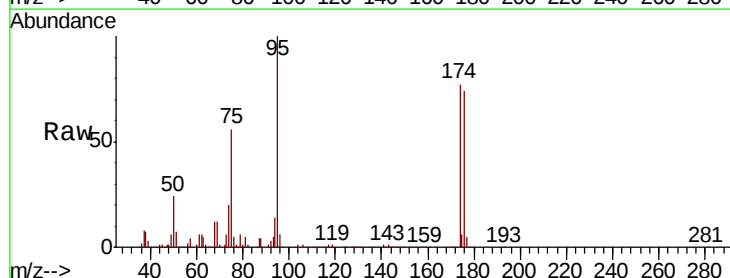
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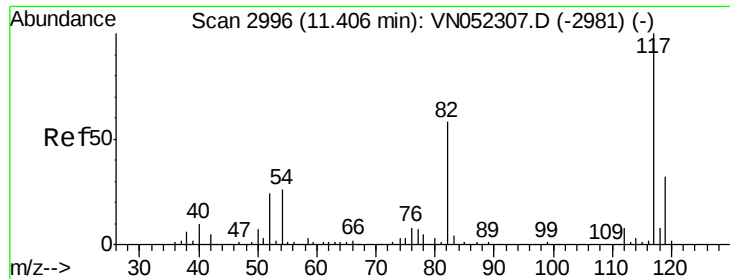
MMDadoda
 11/20/2018 2:58:23 PM



#62
 4-Bromofluorobenzene
 Concen: 103.869 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	156.0
176	74.4	0.0	148.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

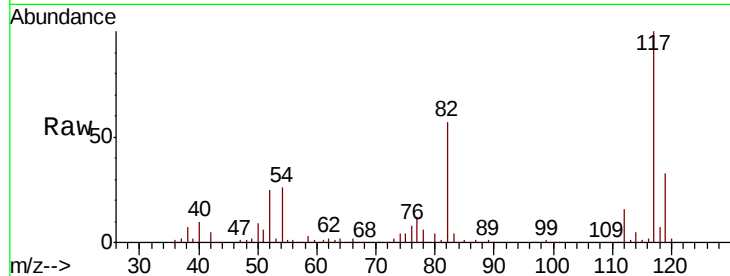
ClientSampleId :

VSTDIC100

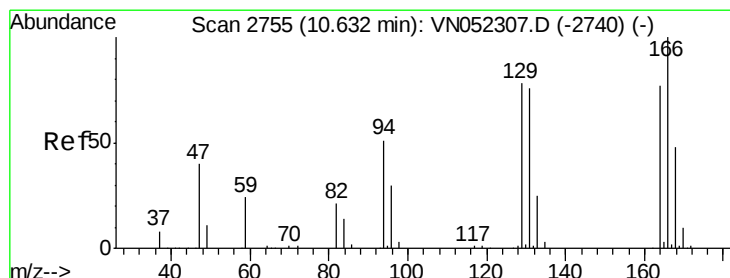
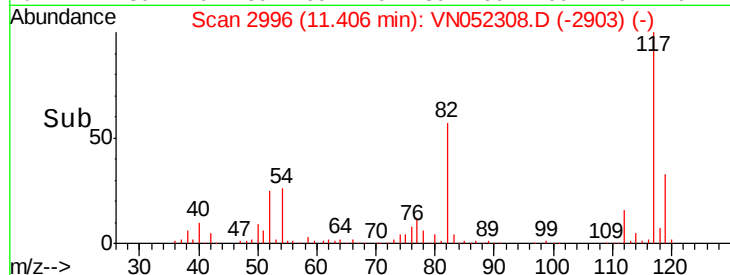
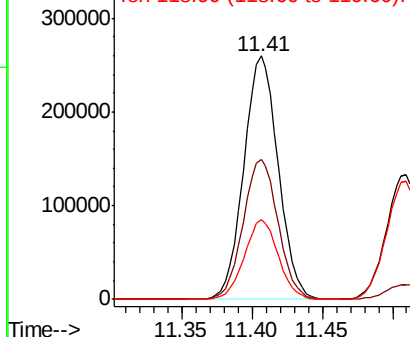
Tot Ion:	117	Resp:	444423
Ion Ratio	Lower	Upper	
117	100		
82	57.2	46.5	69.7
119	32.7	25.7	38.5

Manual Integrations
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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 97.155 ug/l

RT: 10.63 min Scan# 2755

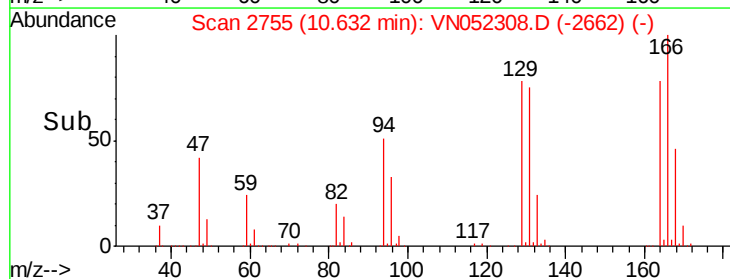
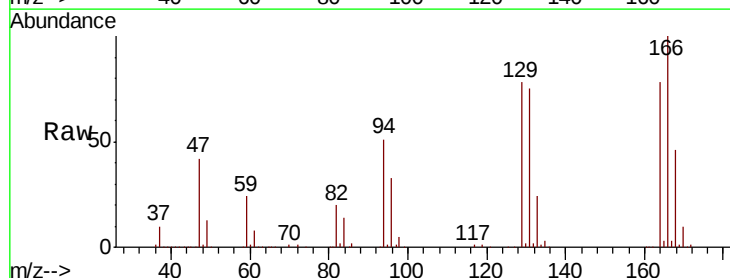
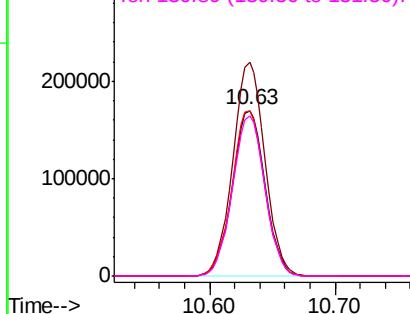
Delta R.T. -0.00 min

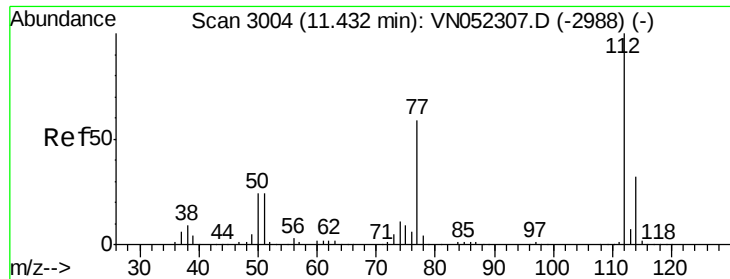
Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Tgt Ion:	164	Resp:	306967
Ion Ratio	Lower	Upper	
164	100		
166	129.0	103.8	155.6
129	100.0	80.7	121.1
131	97.0	78.5	117.7

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





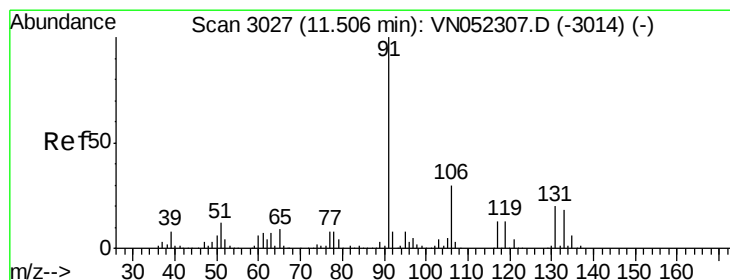
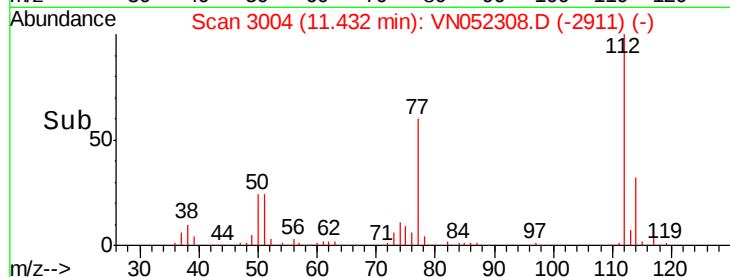
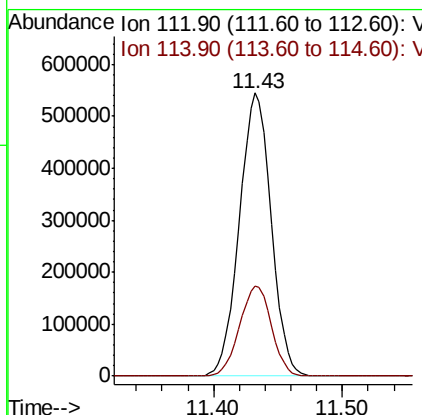
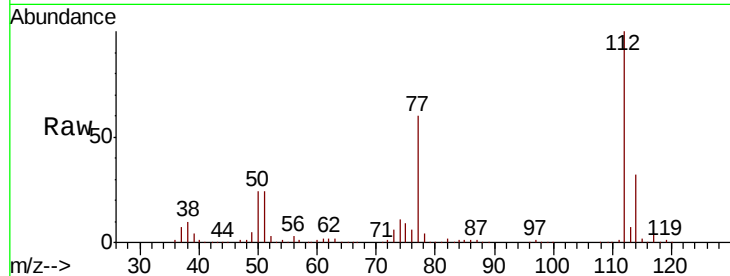
#65
Chlorobenzene
Concen: 99.269 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 932535
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9

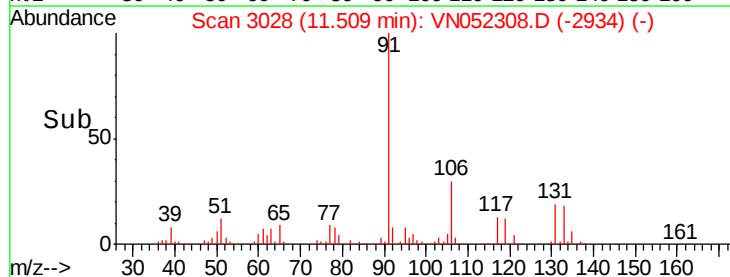
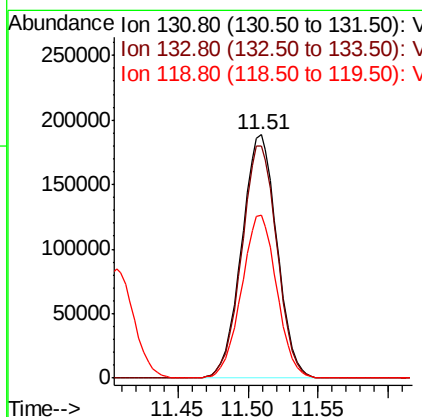
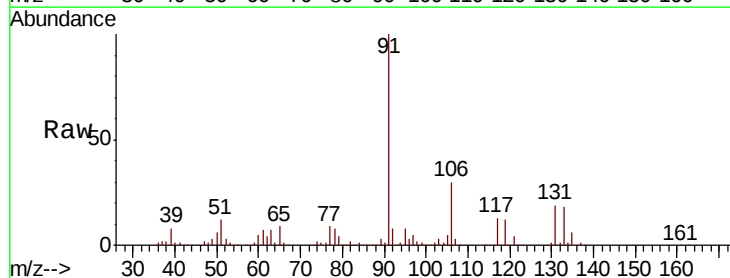
Manual Integrations
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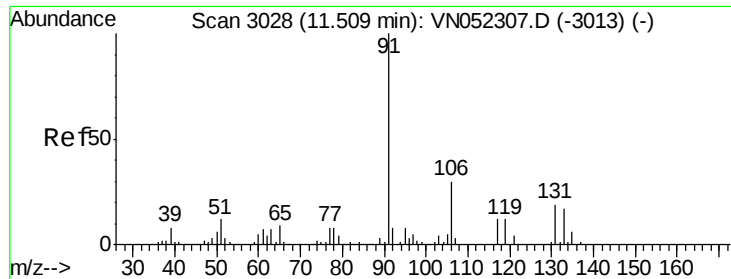
MMDadoda
11/20/2018 2:58:23 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 103.196 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion:131 Resp: 330578
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.3
119 66.8 33.3 99.9





#67

Ethyl Benzene

Concen: 103.195 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1682526

Ion Ratio Lower Upper

91 100

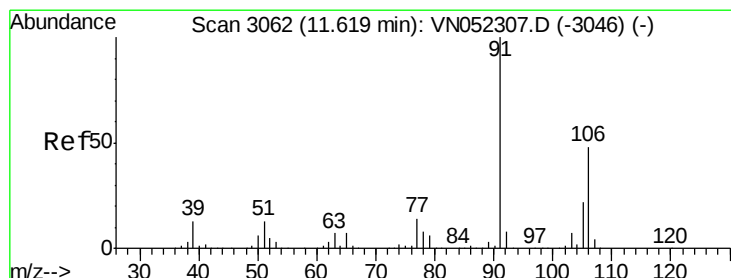
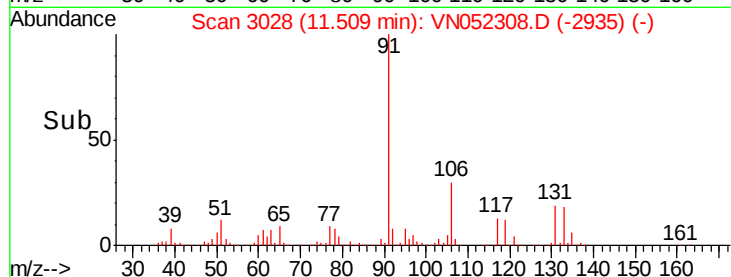
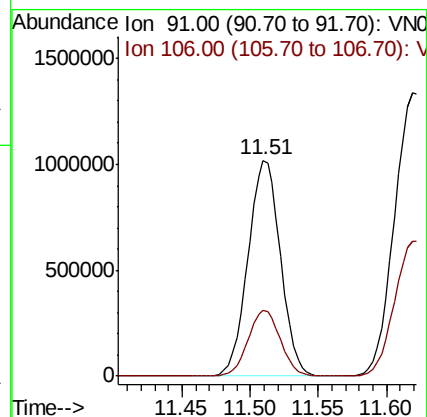
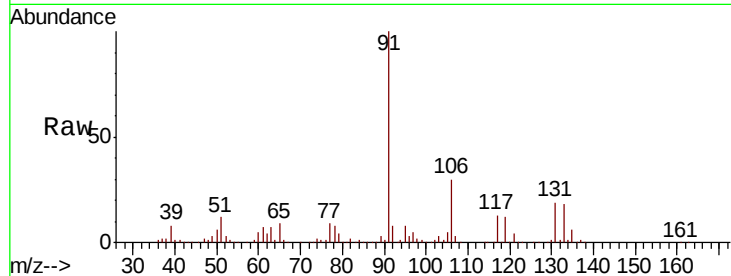
106 30.4 24.2 36.2

Manual Integrations

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11/20/2018 2:58:23 PM



#68

m/p-Xylenes

Concen: 207.288 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN052308.D

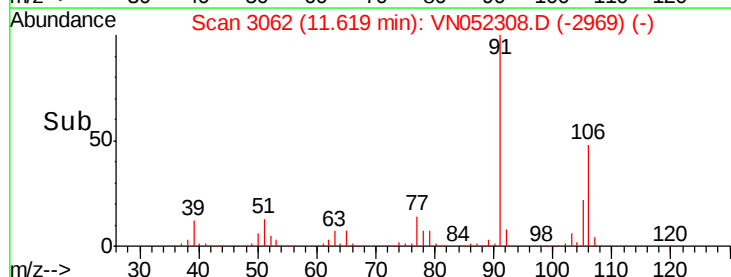
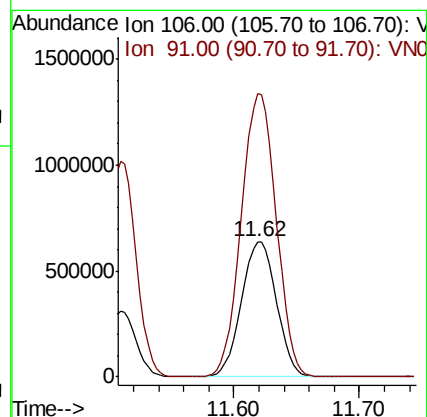
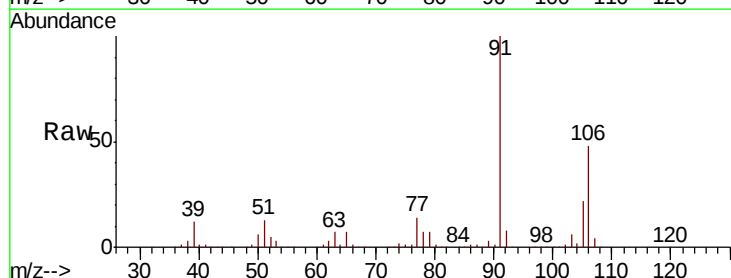
Acq: 14 Nov 2018 12:17

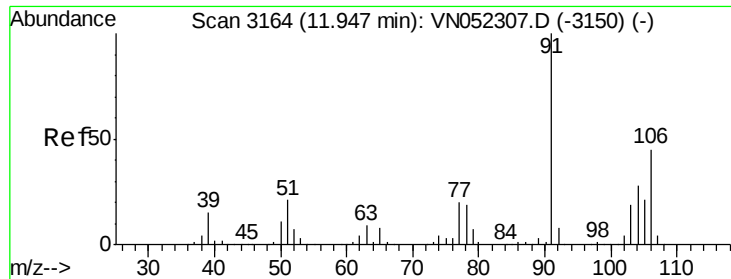
Tgt Ion: 106 Resp: 1234861

Ion Ratio Lower Upper

106 100

91 209.9 165.5 248.3





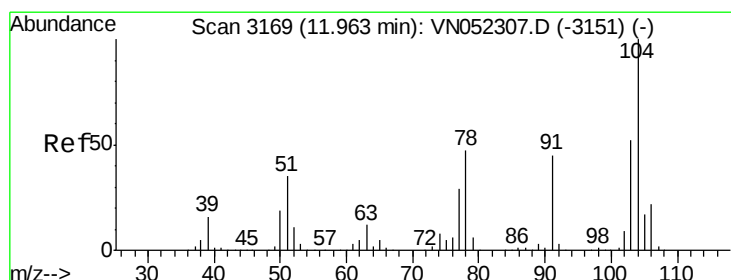
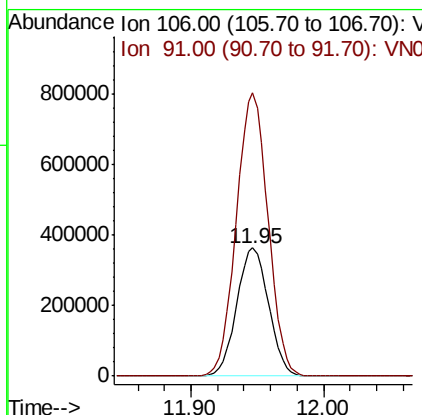
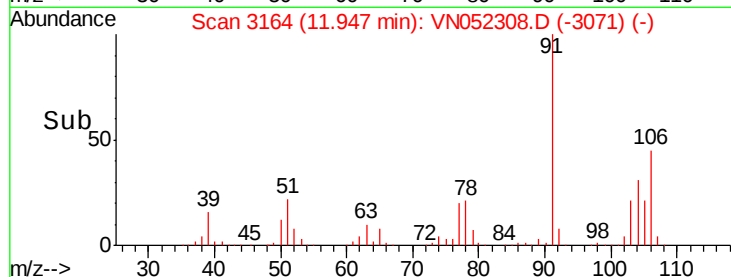
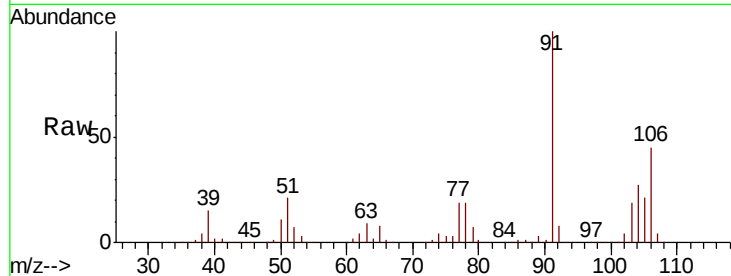
#69
o-Xylene
Concen: 106.142 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 606121
Ion Ratio Lower Upper
106 100
91 219.6 110.0 330.0

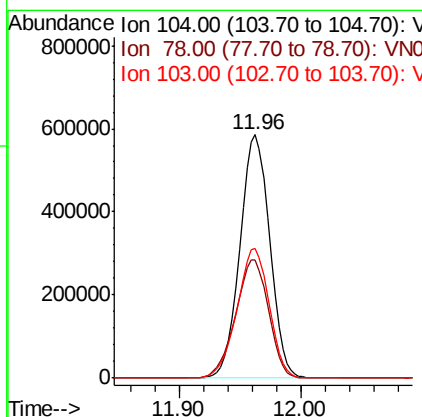
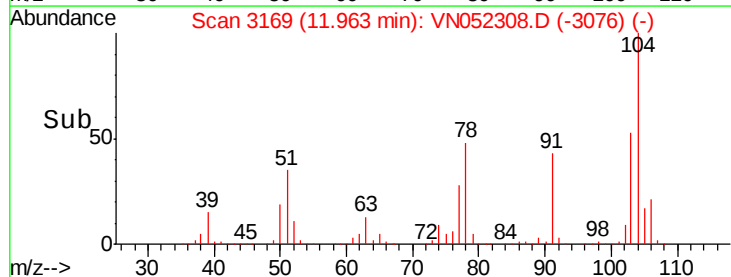
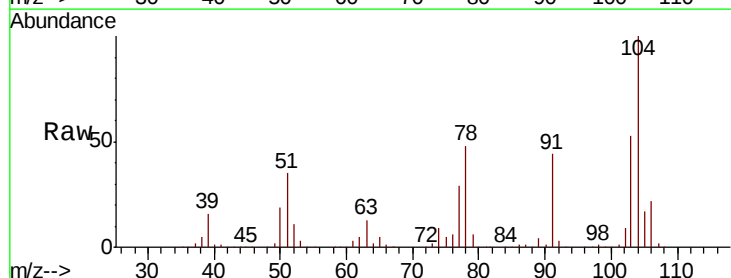
Manual Integrations
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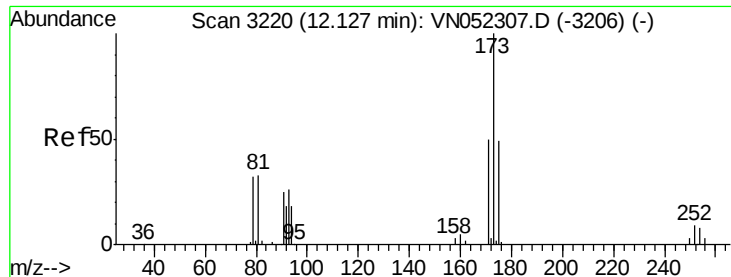
MMDadoda
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#70
Styrene
Concen: 107.452 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion:104 Resp: 982503
Ion Ratio Lower Upper
104 100
78 54.1 42.7 64.1
103 57.6 45.4 68.0





#71

Bromoform

Concen: 112.562 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 212897

Ion Ratio Lower Upper

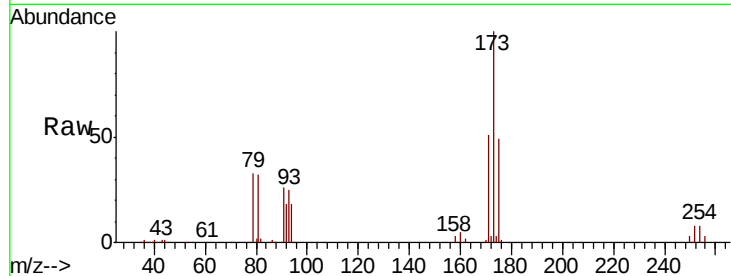
173 100

175 48.9 25.0 75.0

254 0.1 0.0 0.0#

Manual Integrations
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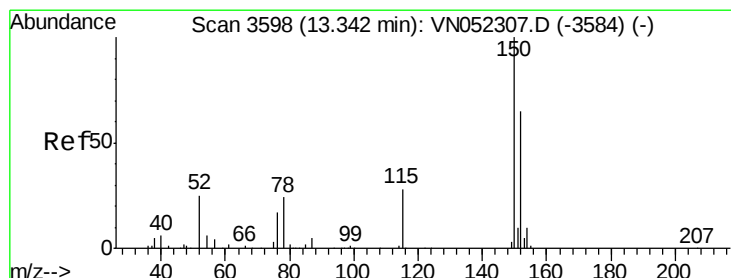
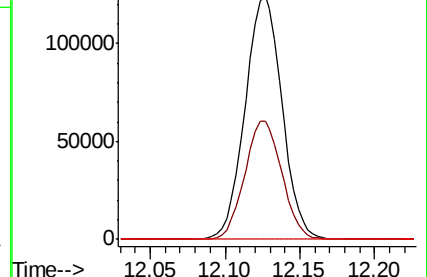
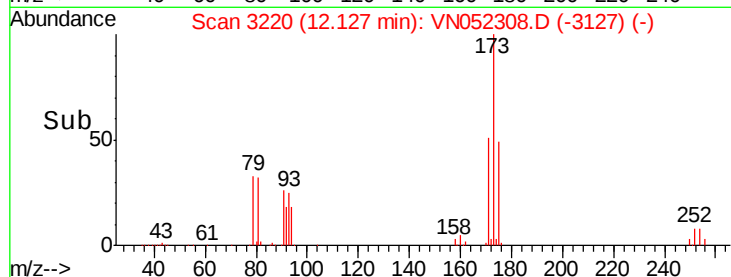
MMDadoda
11/20/2018 2:58:23 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

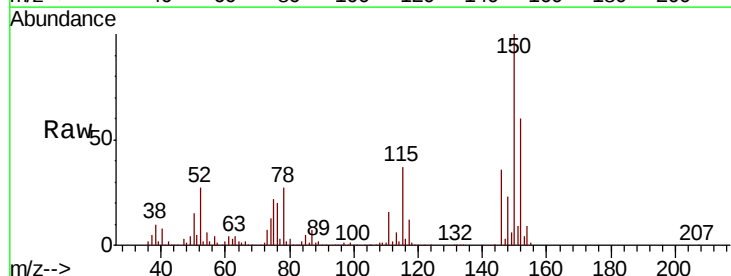
Tgt Ion:152 Resp: 206208

Ion Ratio Lower Upper

152 100

115 61.1 30.3 91.0

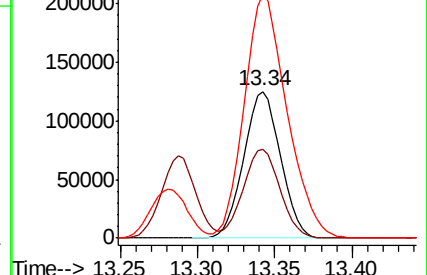
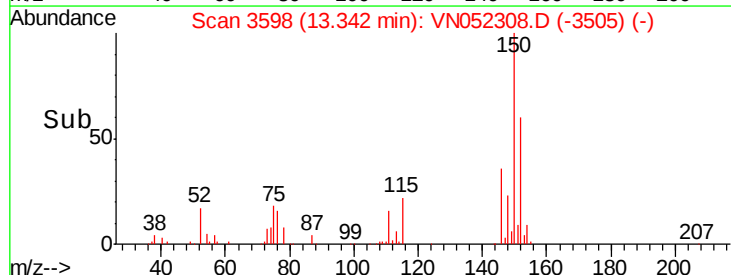
150 192.8 0.0 348.2

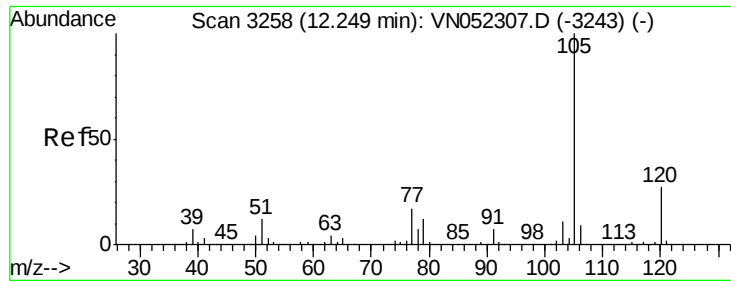


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





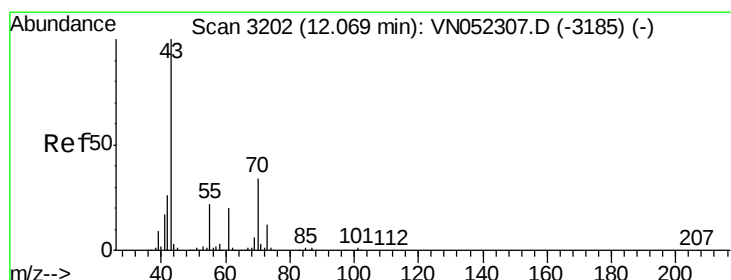
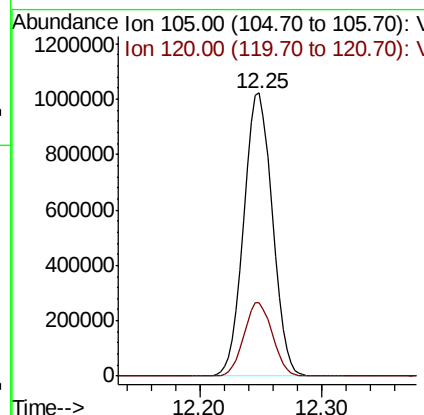
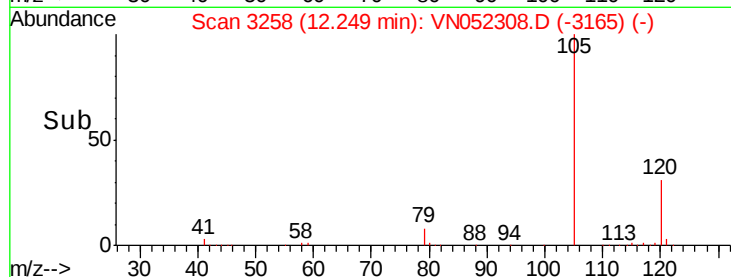
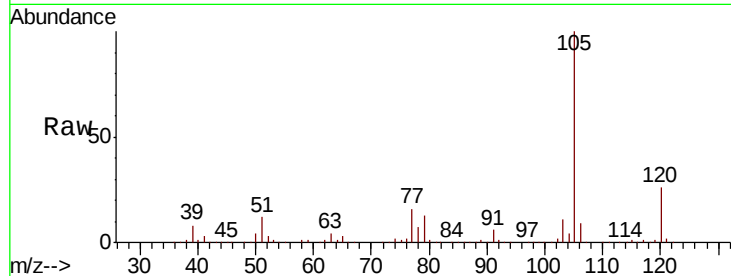
#73
Isopropylbenzene
Concen: 99.592 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion: 105 Resp: 1651151
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

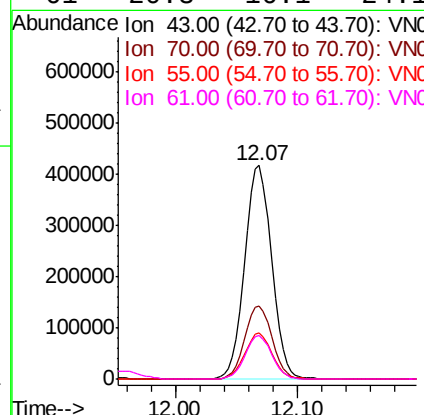
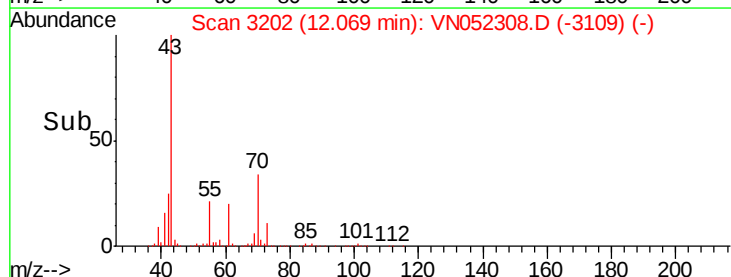
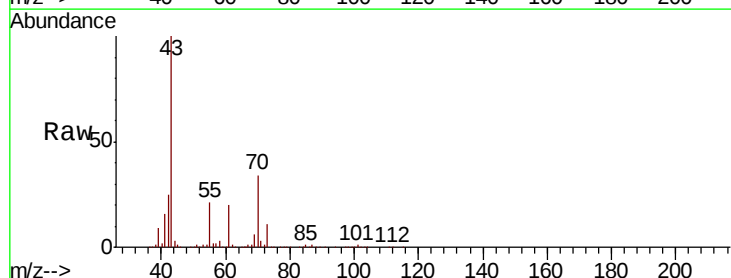
Manual Integrations
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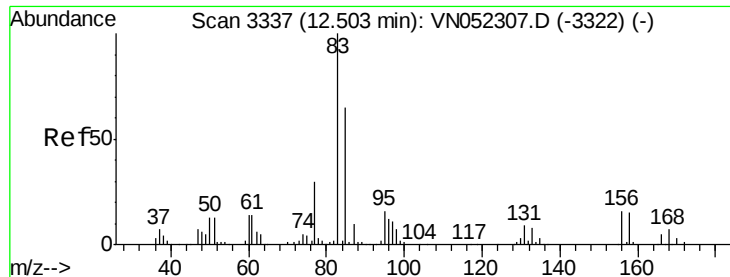
MMDadoda
11/20/2018 2:58:23 PM



#74
N-ethyl acetate
Concen: 107.503 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion: 43 Resp: 634818
Ion Ratio Lower Upper
43 100
70 34.6 27.1 40.7
55 21.7 17.4 26.0
61 20.3 16.1 24.1





#75

1,1,2,2-Tetrachloroethane

Concen: 94.895 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

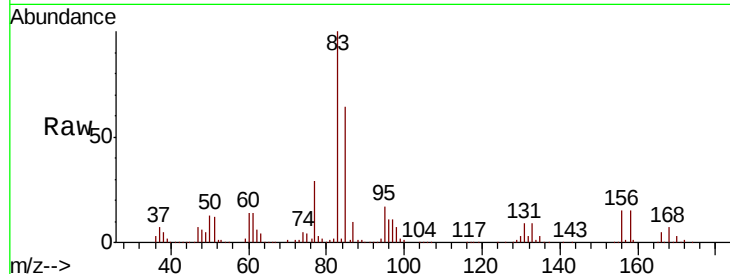
ClientSampleId :

VSTDIC100

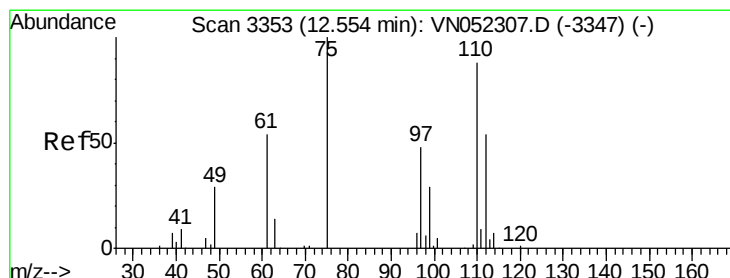
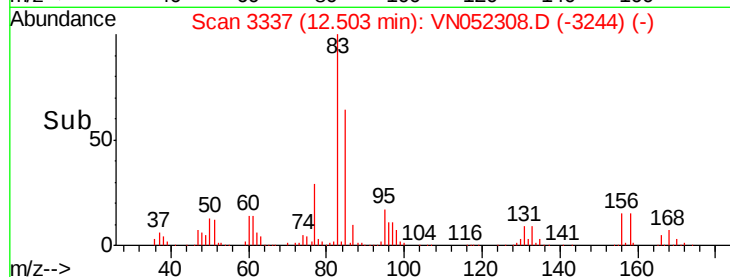
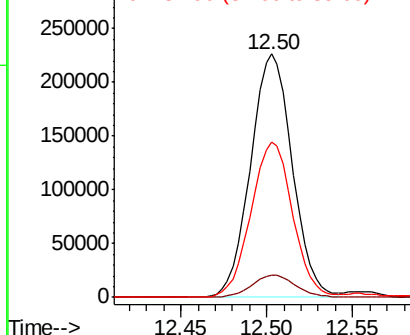
Tot Ion:	83	Resp:	380317
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.7	14.1
85	63.8	32.4	97.2

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 97.695 ug/l m

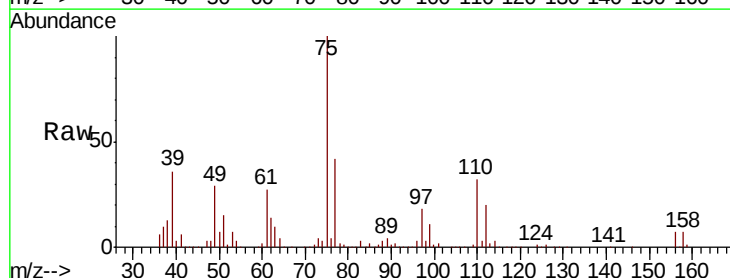
RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

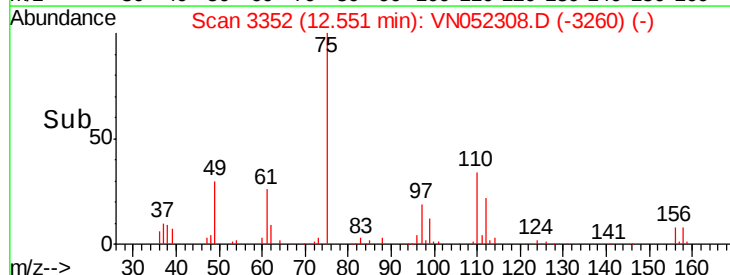
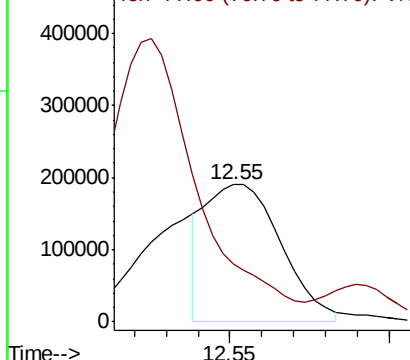
Lab File: VN052308.D

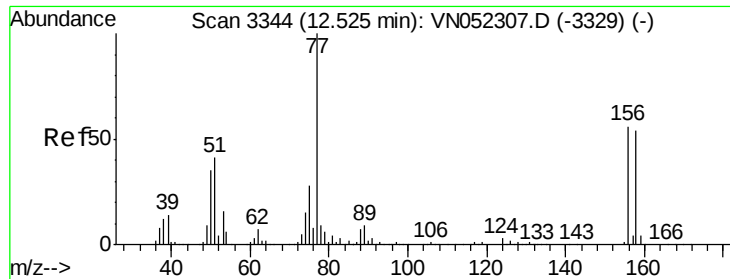
Acq: 14 Nov 2018 12:17

Tgt Ion:	75	Resp:	316733
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 97.597 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

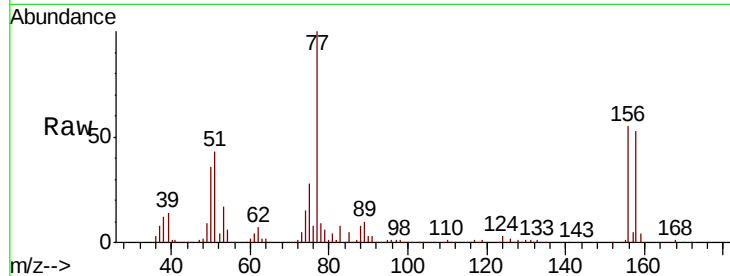
ClientSampled :

VSTDICC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	207.0	103.6	310.9
158	95.9	48.1	144.4

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11/20/2018 2:58:23 PM

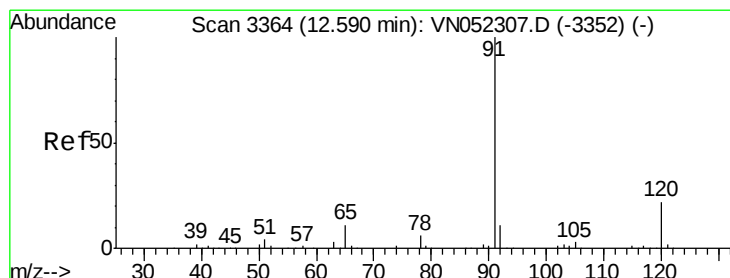
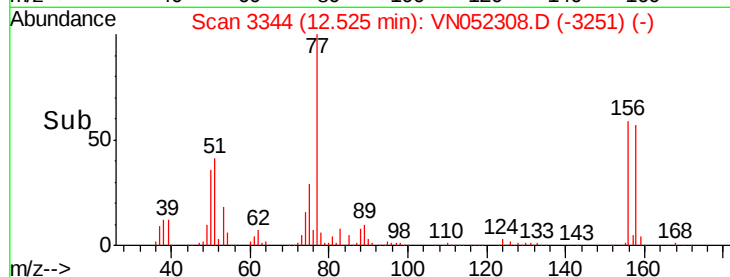
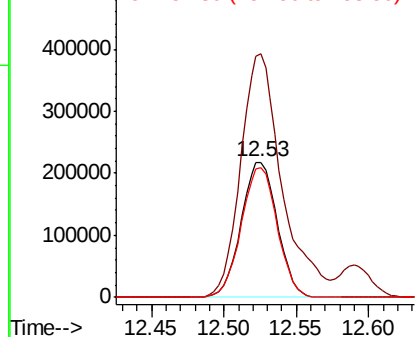


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 100.717 ug/l

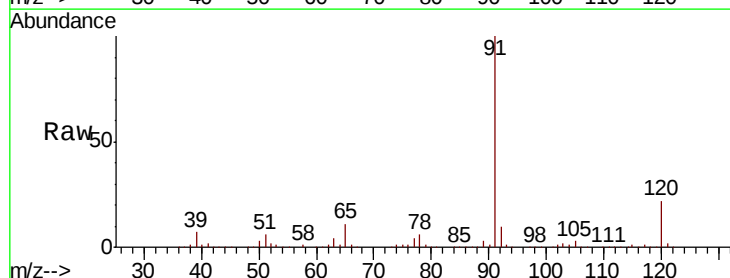
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

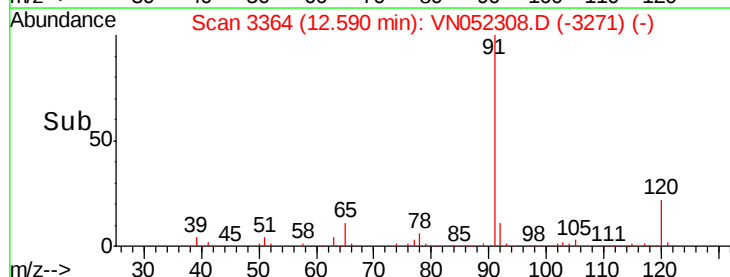
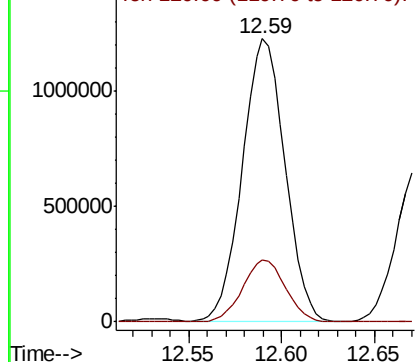
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1

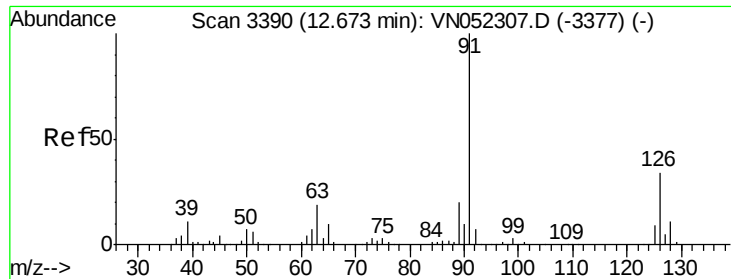


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 97.789 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1107666

Ion Ratio Lower Upper

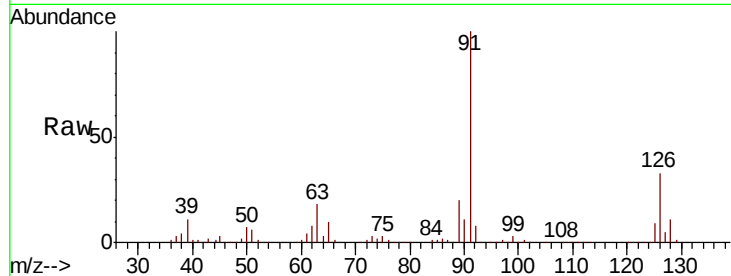
91 100

126 33.3 17.0 51.0

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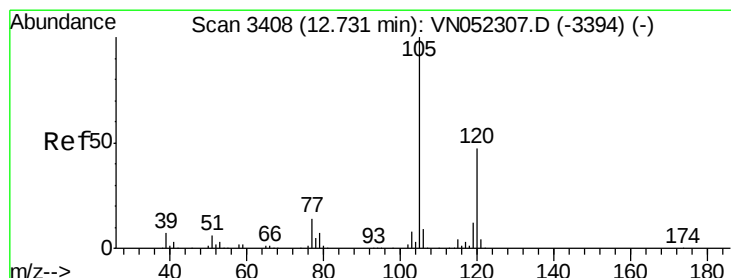
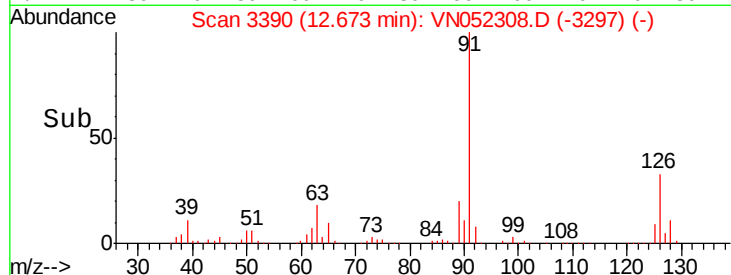
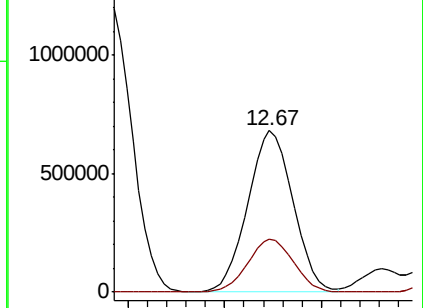
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Abundance Ion 91.00 (90.70 to 91.70): VN052308.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN052308.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 101.044 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052308.D

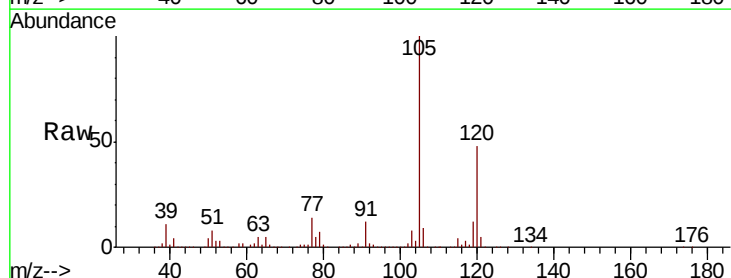
Acq: 14 Nov 2018 12:17

Tgt Ion:105 Resp: 1332190

Ion Ratio Lower Upper

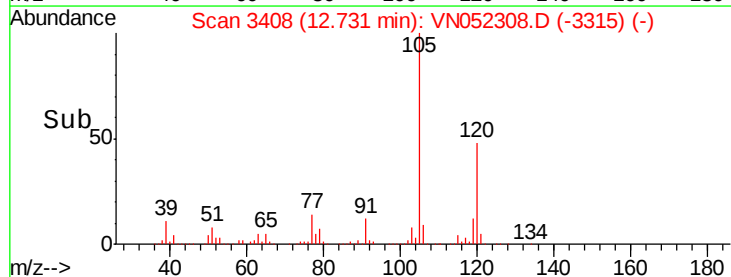
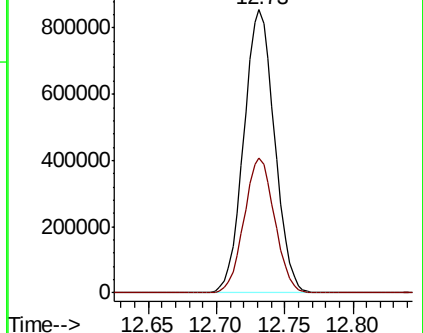
105 100

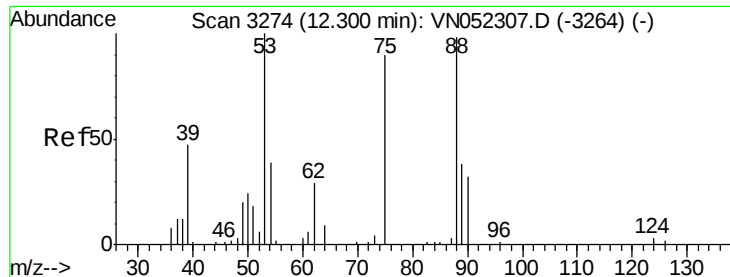
120 47.5 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052308.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN052308.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 111.706 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 120508

Ion Ratio Lower Upper

75 100

53 108.5 90.2 135.2

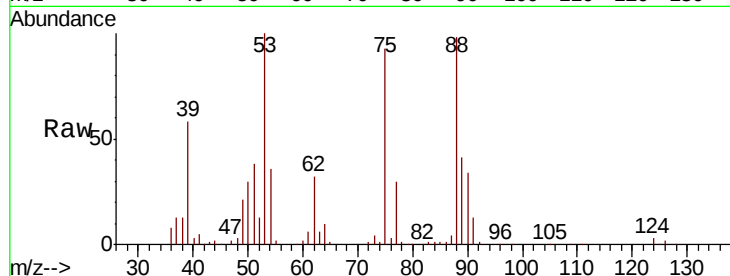
89 44.3 35.4 53.0

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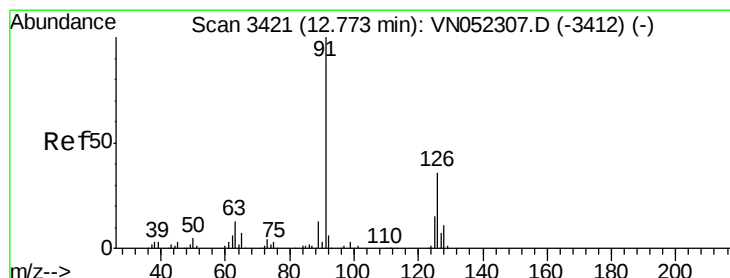
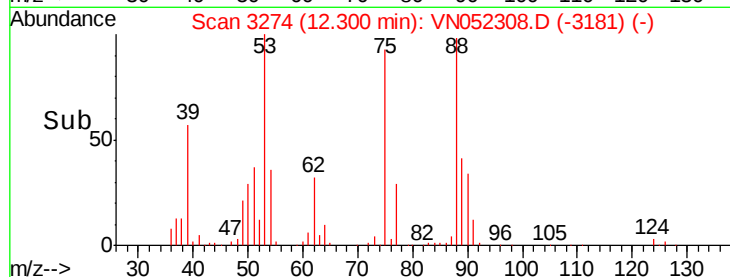
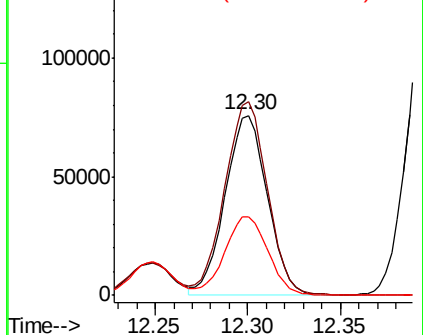
11/20/2018 2:58:23 PM



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 98.842 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052308.D

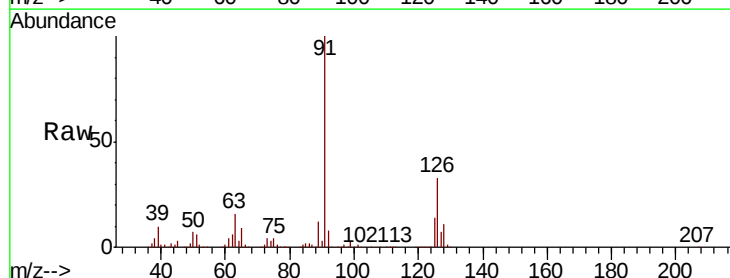
Acq: 14 Nov 2018 12:17

Tgt Ion: 91 Resp: 1147052

Ion Ratio Lower Upper

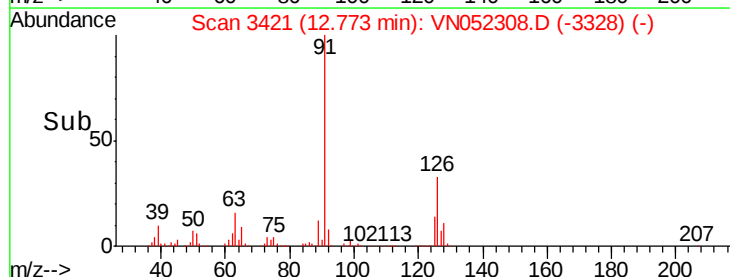
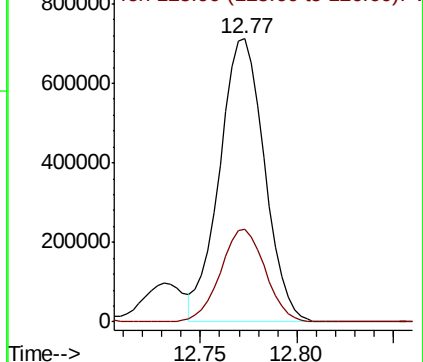
91 100

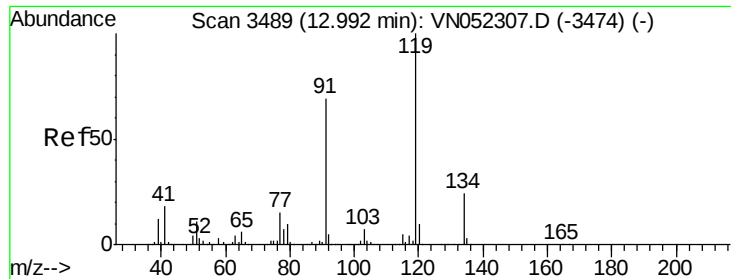
126 32.7 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





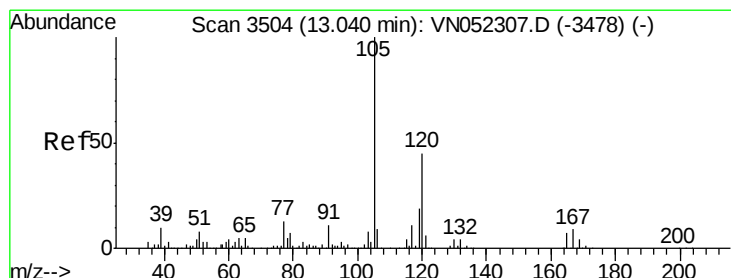
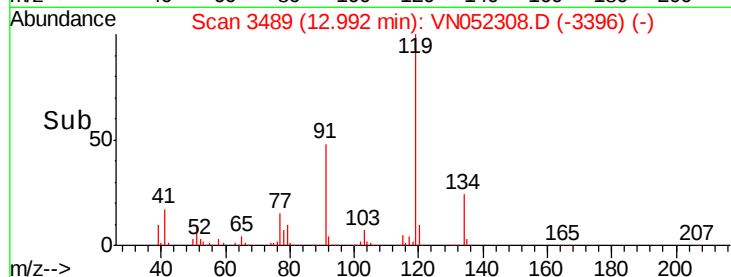
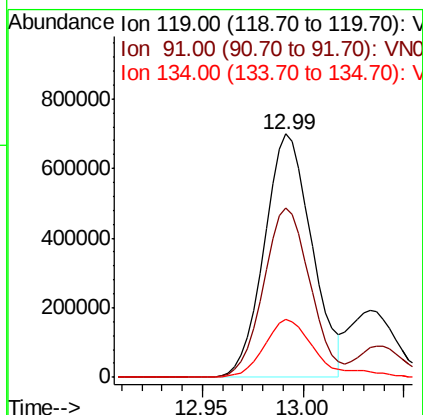
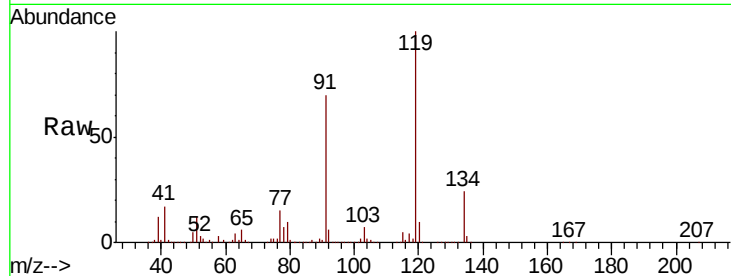
#83
tert-Butylbenzene
Concen: 98.227 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:119 Resp: 1143338
Ion Ratio Lower Upper
119 100
91 68.6 33.8 101.3
134 25.7 11.9 35.9

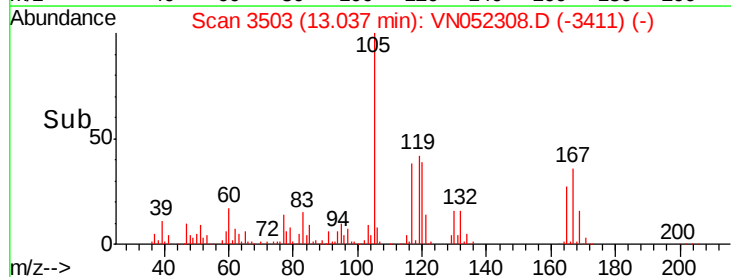
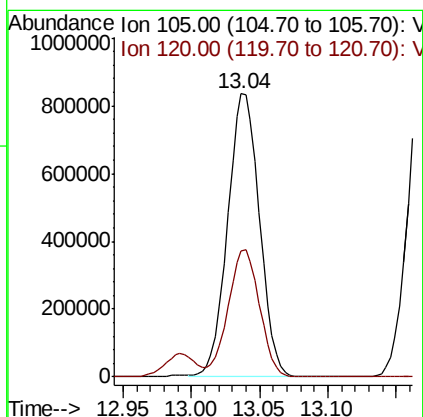
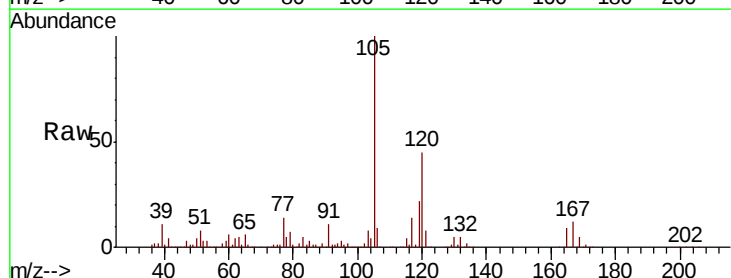
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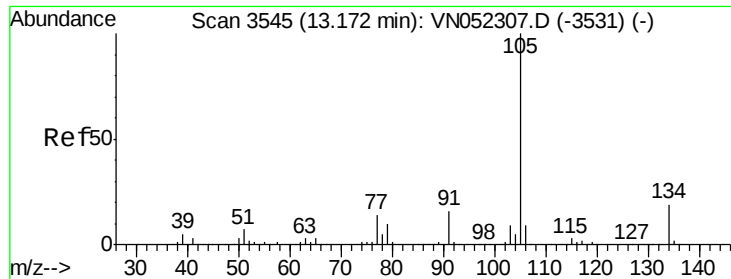
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#84
1,2,4-Trimethylbenzene
Concen: 102.138 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion:105 Resp: 1351837
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5





#85

sec-Butylbenzene

Concen: 101.362 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 1607170

Ion Ratio Lower Upper

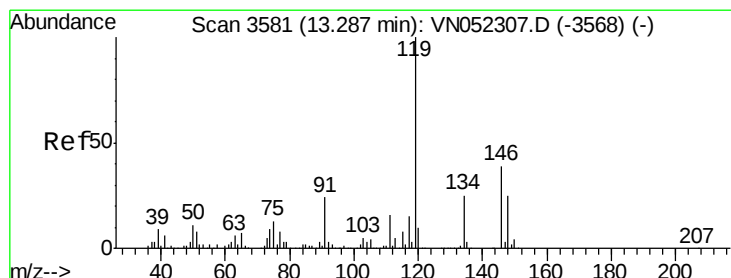
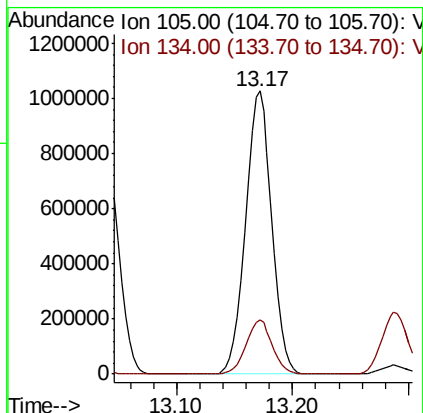
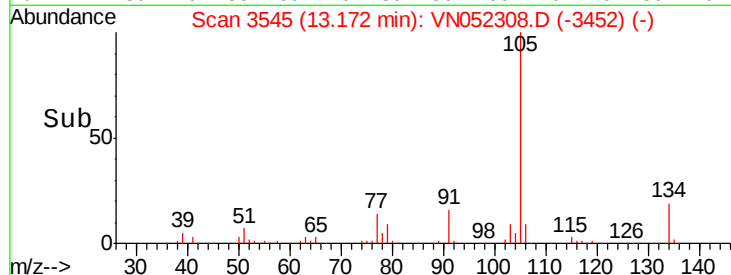
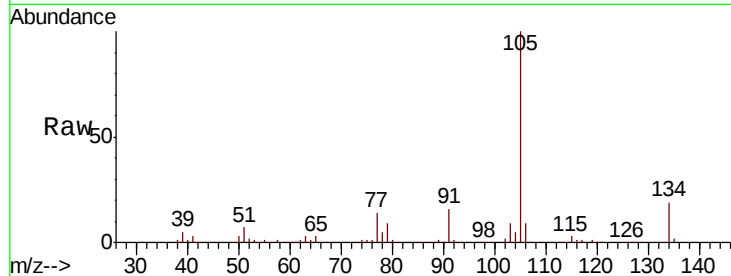
105 100

134 19.0 9.5 28.5

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11/20/2018 2:58:23 PM



#86

p-Isopropyltoluene

Concen: 101.819 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

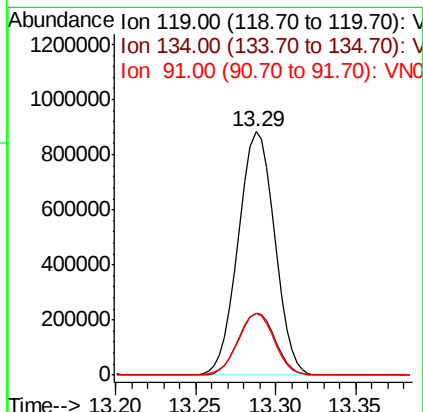
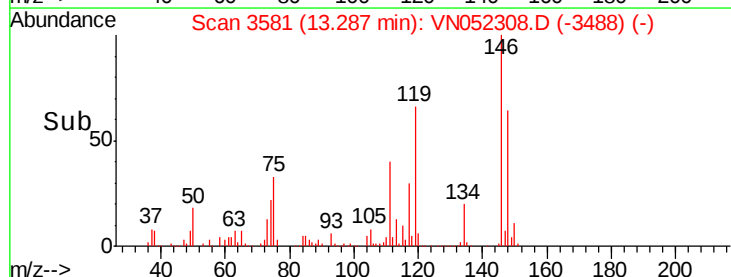
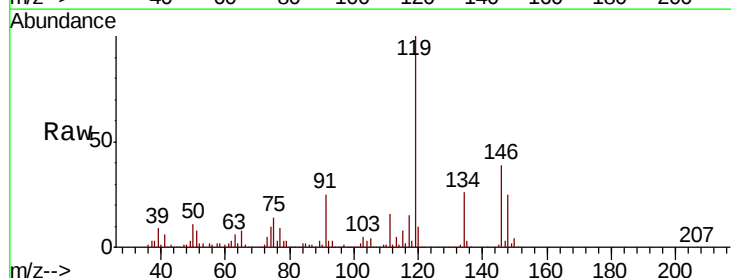
Tgt Ion:119 Resp: 1367550

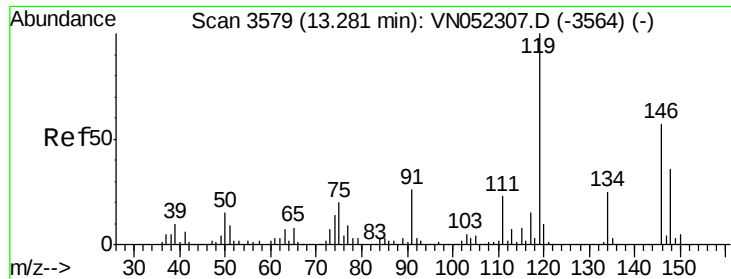
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 25.4 12.4 37.0





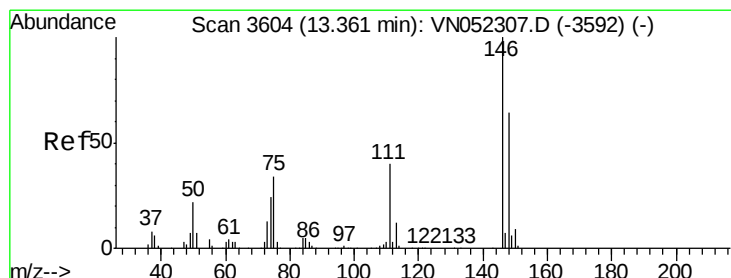
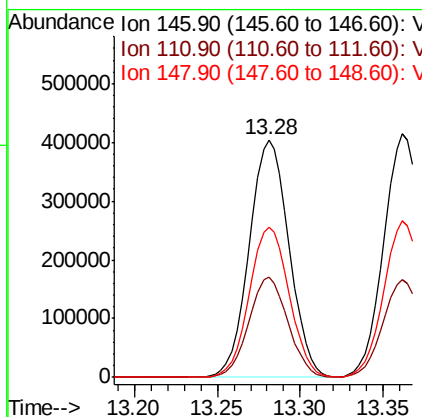
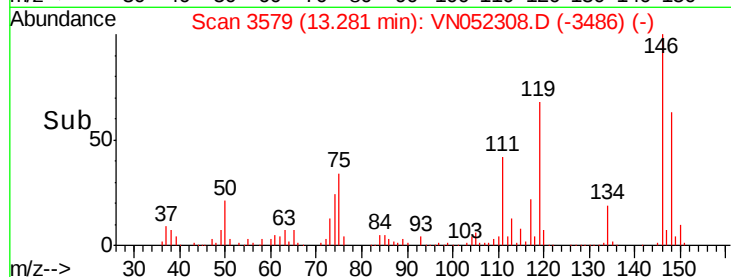
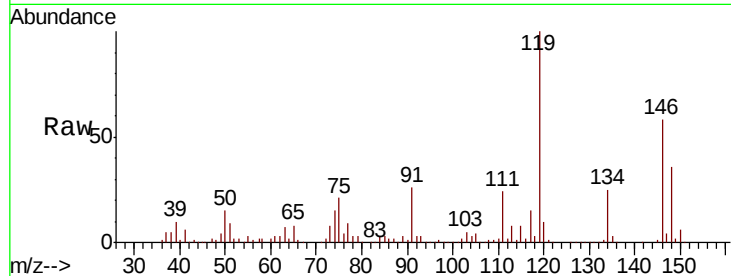
#87
 1,3-Dichlorobenzene
 Concen: 98.534 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	61.0
148	63.5	31.8	95.4

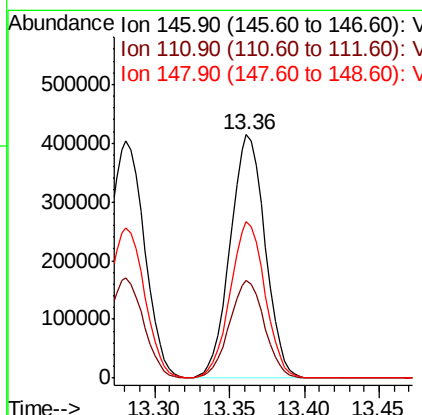
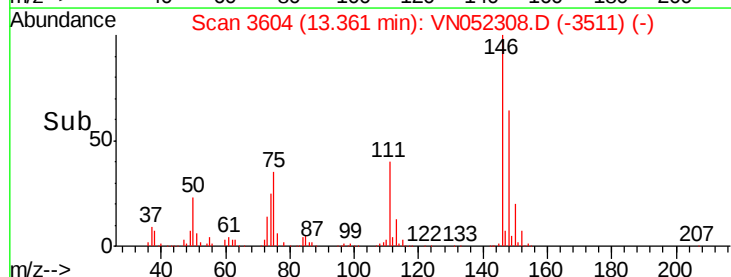
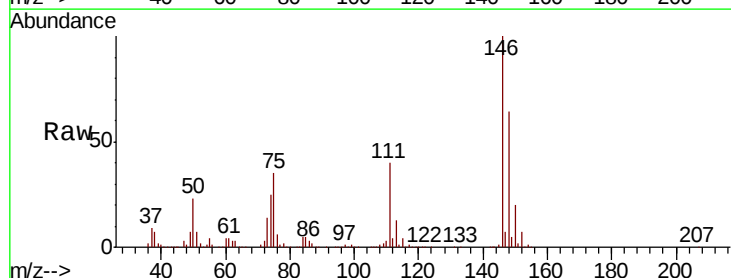
Manual Integrations
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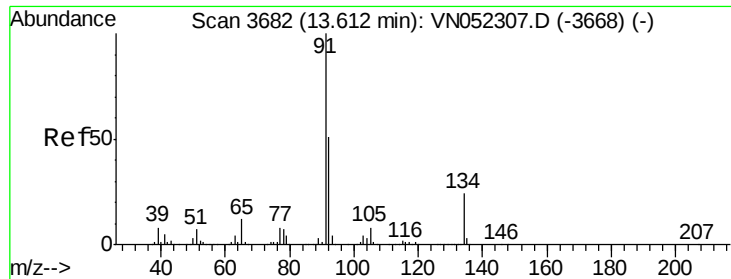
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 11/20/2018 2:58:23 PM



#88
 1,4-Dichlorobenzene
 Concen: 99.002 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.8
148	63.9	32.4	97.2





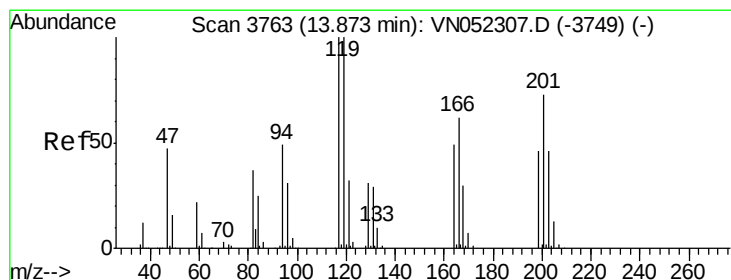
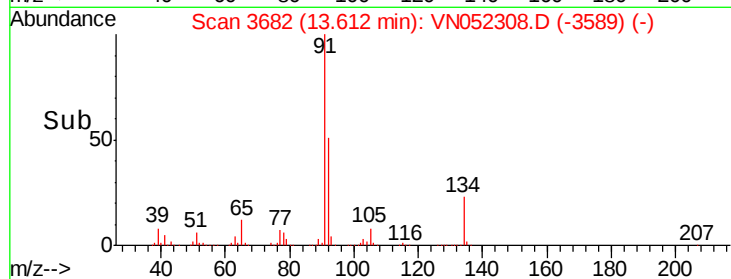
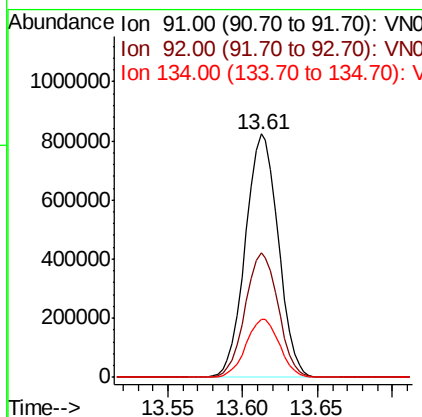
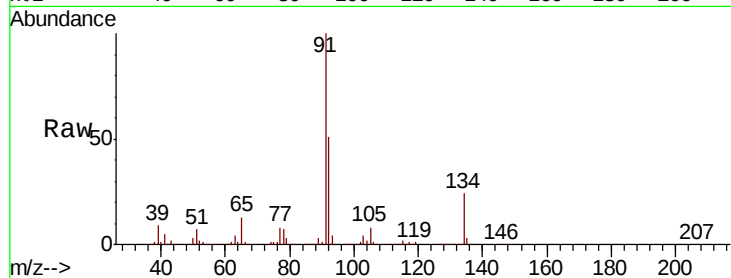
#89
n-Butylbenzene
Concen: 109.017 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.4	76.2
134	24.2	12.2	36.4

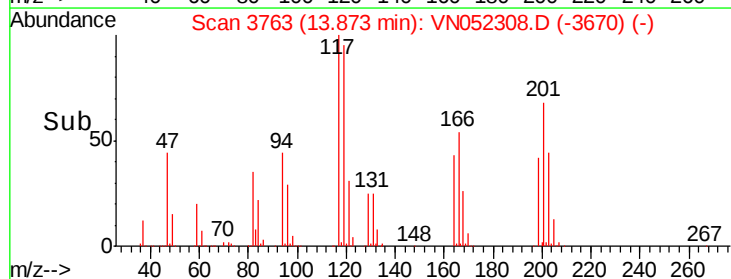
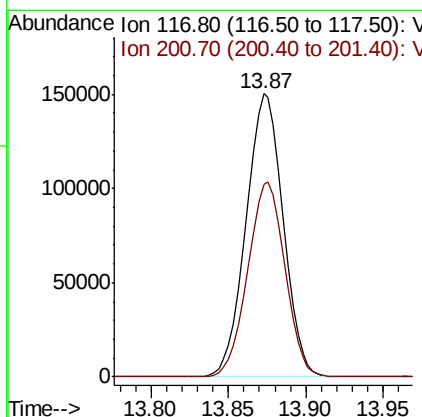
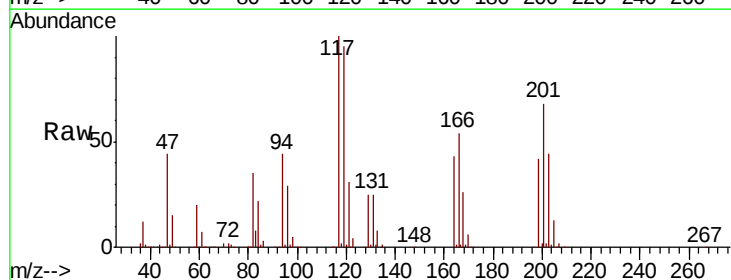
Manual Integrations
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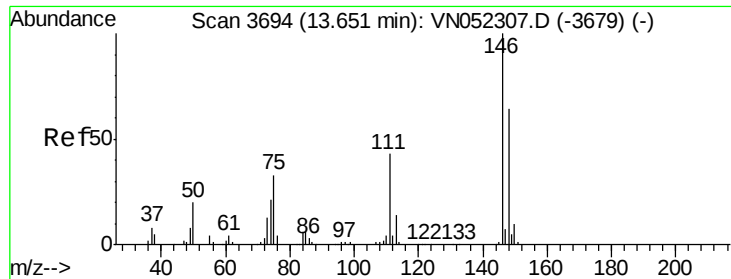
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#90
Hexachloroethane
Concen: 105.812 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.1	35.3	105.9





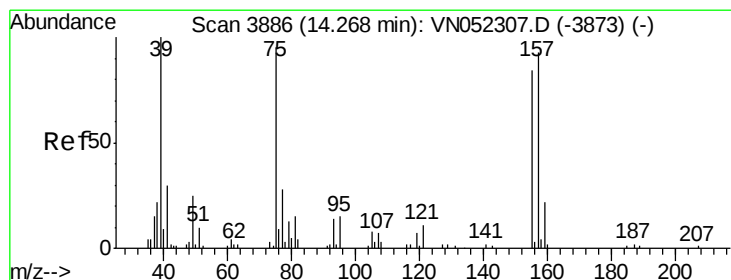
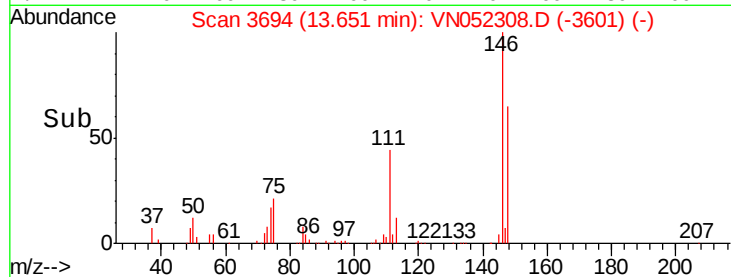
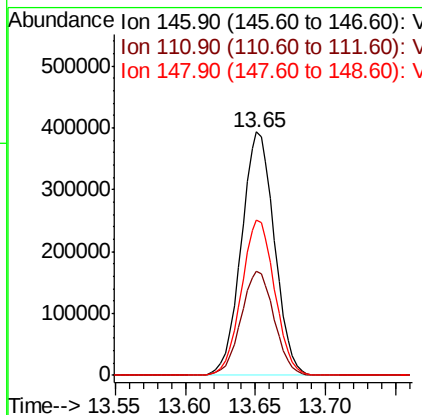
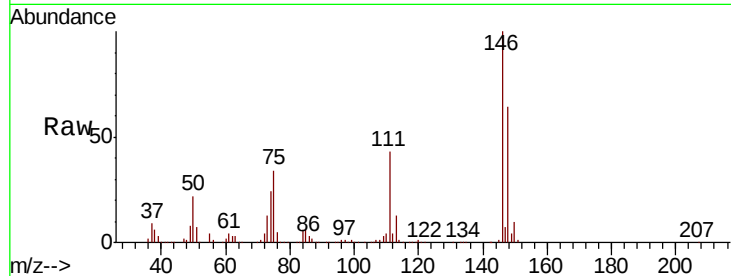
#91
 1,2-Dichlorobenzene
 Concen: 97.162 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.9
148	64.1	31.6	94.8

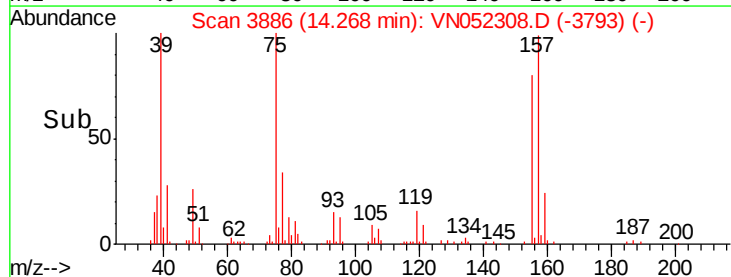
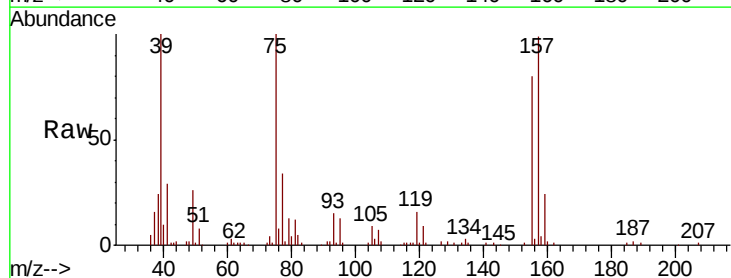
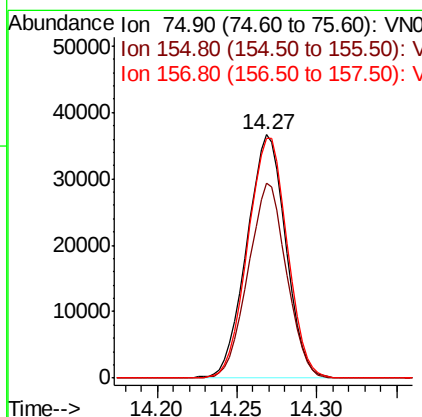
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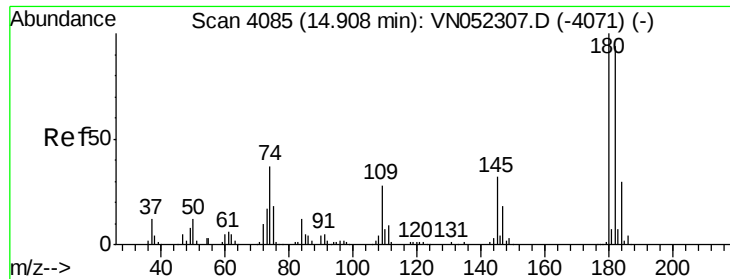
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 103.360 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.7	42.4	127.3
157	99.9	49.6	149.0





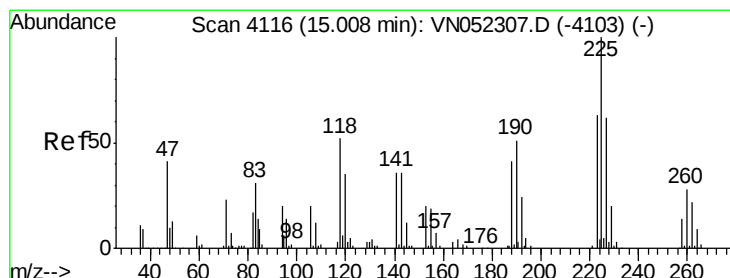
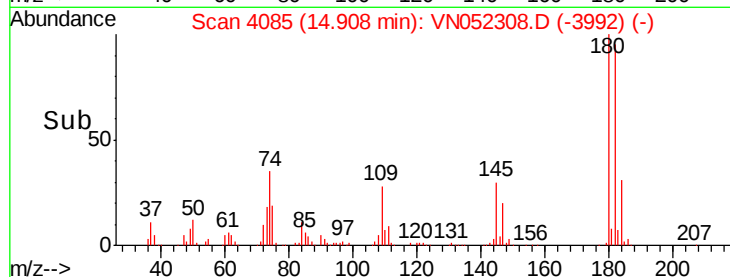
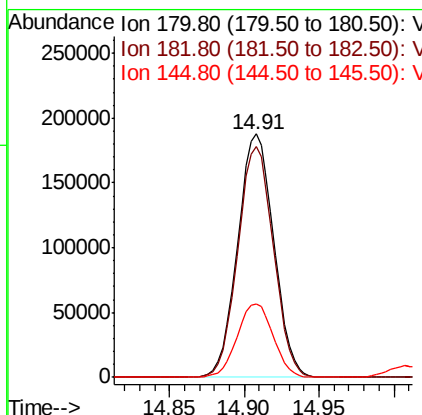
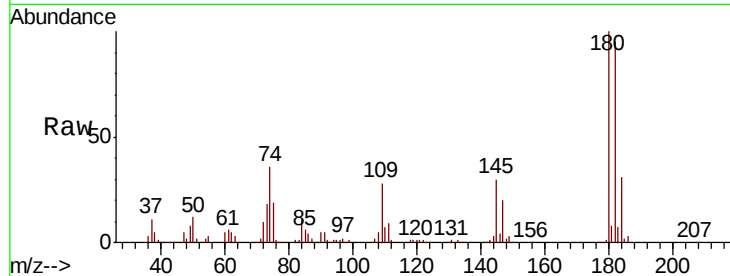
#93
 1,2,4-Trichlorobenzene
 Concen: 115.273 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.6	142.9
145	30.3	15.5	46.5

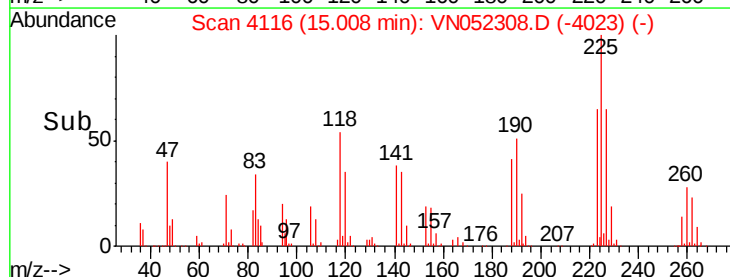
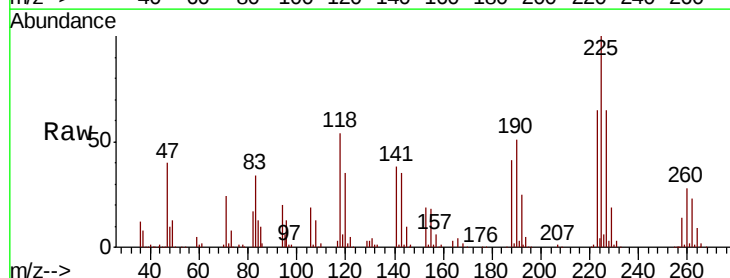
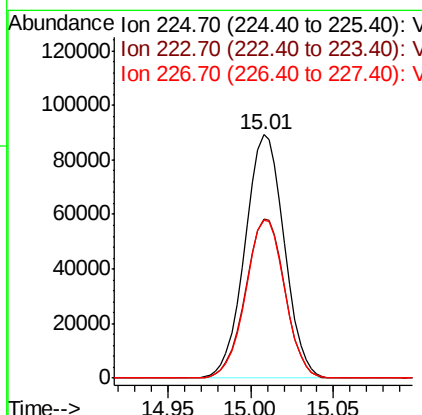
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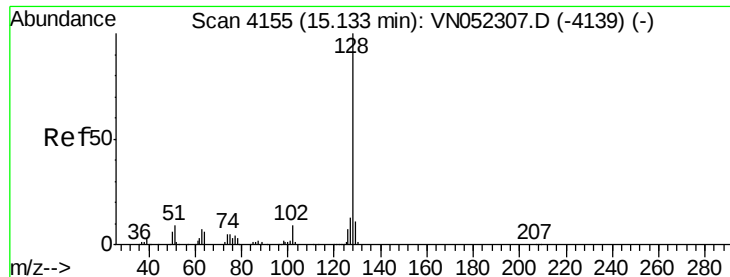
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#94
 Hexachlorobutadiene
 Concen: 97.037 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.9	95.5
227	64.5	31.6	95.0





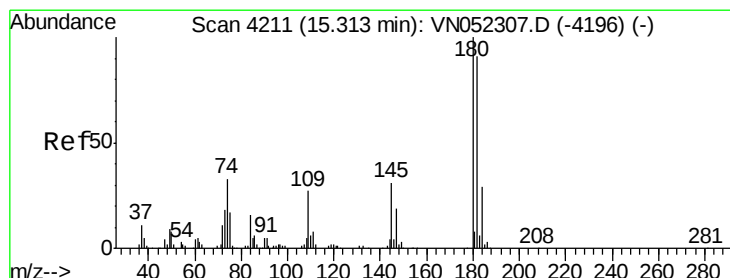
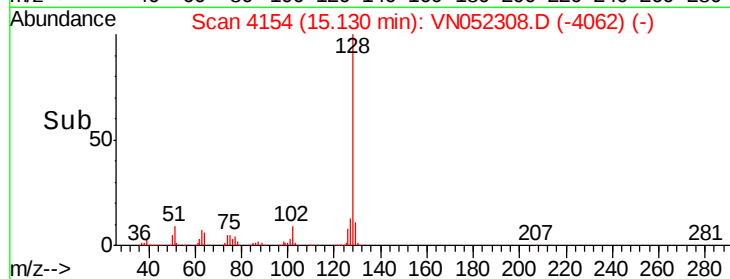
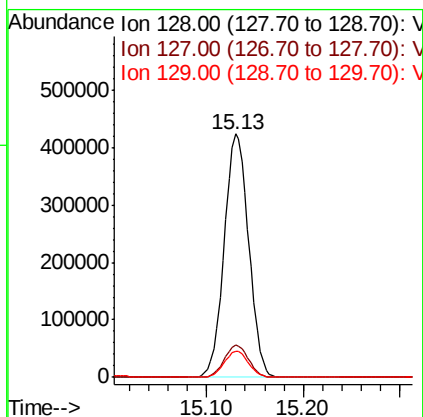
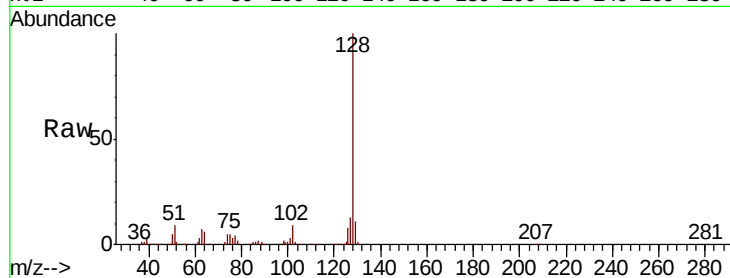
#95
Naphthalene
Concen: 120.122 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 110.066 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.5	139.3
145	32.8	16.4	49.2

