

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052977.D
 Acq On : 18 Dec 2018 23:18
 Operator : MD\SY
 Sample : VN1218WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:07:38 PM

Quant Time: Dec 19 04:56:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1157444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1809295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1560783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	656519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	657653	55.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.98%	
35) Dibromofluoromethane	7.59	113	446445	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
50) Toluene-d8	10.09	98	2310589	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.40	95	746975	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	229163	19.563	ug/l	99
3) Chloromethane	2.06	50	269495	18.985	ug/l	100
4) Vinyl Chloride	2.19	62	295983	20.588	ug/l	100
5) Bromomethane	2.58	94	189246	19.000	ug/l	99
6) Chloroethane	2.71	64	175344	20.594	ug/l	99
7) Trichlorofluoromethane	3.03	101	370555	20.691	ug/l	99
8) Diethyl Ether	3.41	74	144738	21.422	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	227614	19.933	ug/l	98
10) Methyl Iodide	3.96	142	323176	20.153	ug/l	99
11) Tert butyl alcohol	4.78	59	77193	107.708	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	227435	20.616	ug/l	98
13) Acrolein	3.61	56	84019	129.290	ug/l	98
14) Allyl chloride	4.33	41	364515	21.331	ug/l	95
15) Acrylonitrile	4.99	53	419052	105.248	ug/l	99
16) Acetone	3.82	43	264926	115.035	ug/l	98
17) Carbon Disulfide	4.06	76	672152	18.682	ug/l	100
18) Methyl Acetate	4.33	43	211127	20.790	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	638237	21.619	ug/l	99
20) Methylene Chloride	4.56	84	257100	20.466	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	241209	20.350	ug/l	99
22) Diisopropyl ether	5.95	45	782113	21.442	ug/l	99
23) Vinyl Acetate	5.90	43	2248482	107.202	ug/l	99
24) 1,1-Dichloroethane	5.85	63	454189	20.955	ug/l	100
25) 2-Butanone	6.84	43	440859	114.065	ug/l	99
26) 2,2-Dichloropropane	6.83	77	283329	17.124	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	279658	20.841	ug/l	97
28) Bromochloromethane	7.20	49	213581	22.741	ug/l	96
29) Tetrahydrofuran	7.21	42	316998	109.816	ug/l	98
30) Chloroform	7.37	83	441885	20.754	ug/l	99
31) Cyclohexane	7.66	56	430504	20.559	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	369688	20.382	ug/l	100
36) 1,1-Dichloropropene	7.80	75	342461	19.720	ug/l	99
37) Ethyl Acetate	6.93	43	216224	22.304	ug/l	99
38) Carbon Tetrachloride	7.78	117	317392	19.940	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	398864	18.907	ug/l	98
40) Benzene	8.04	78	1055241	20.429	ug/l	100
41) Methacrylonitrile	7.18	41	118850	21.218	ug/l	96
42) 1,2-Dichloroethane	8.13	62	312699	20.492	ug/l	99
43) Isopropyl Acetate	8.17	43	405415	21.004	ug/l	99
44) Trichloroethene	8.84	130	292386	19.570	ug/l	100
45) 1,2-Dichloropropane	9.12	63	277858	20.651	ug/l	100
46) Dibromomethane	9.21	93	159690	20.374	ug/l	99
47) Bromodichloromethane	9.40	83	332760	19.973	ug/l	99
48) Methyl methacrylate	9.20	41	196865	20.927	ug/l	99
49) 1,4-Dioxane	9.20	88	44556	374.423	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1027708	109.465	ug/l	99
52) Toluene	10.16	92	638507	19.943	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	330116	18.843	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	391109	19.449	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	228173	20.428	ug/l	98
56) Ethyl methacrylate	10.43	69	303406	20.522	ug/l	99
57) 1,3-Dichloropropane	10.71	76	393811	20.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	851428	104.900	ug/l	98
59) 2-Hexanone	10.75	43	669572	105.410	ug/l	98
60) Dibromochloromethane	10.90	129	248741	19.454	ug/l	100
61) 1,2-Dibromoethane	11.01	107	226325	19.951	ug/l	98
64) Tetrachloroethene	10.63	164	333348	19.717	ug/l	98
65) Chlorobenzene	11.44	112	680016	19.655	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	245087	20.371	ug/l	99
67) Ethyl Benzene	11.51	91	1179366	19.821	ug/l	100
68) m/p-Xylenes	11.62	106	883068	39.041	ug/l	99
69) o-Xylene	11.95	106	433748	19.984	ug/l	99
70) Styrene	11.96	104	693300	19.589	ug/l	100
71) Bromoform	12.13	173	163757	18.841	ug/l #	100
73) Isopropylbenzene	12.25	105	1136196	22.119	ug/l	100
74) N-amyl acetate	12.07	43	326571	22.899	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	234466	23.267	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	220220m	19.926	ug/l	
77) Bromobenzene	12.53	156	284833	21.332	ug/l	99
78) n-propylbenzene	12.59	91	1240342	21.202	ug/l	99
79) 2-Chlorotoluene	12.68	91	736325	20.305	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	872340	20.835	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	67682	19.739	ug/l	98
82) 4-Chlorotoluene	12.77	91	734833	20.701	ug/l	99
83) tert-Butylbenzene	12.99	119	777763	21.004	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	872564	20.731	ug/l	99
85) sec-Butylbenzene	13.17	105	1018710	20.340	ug/l	100
86) p-Isopropyltoluene	13.29	119	867355	20.042	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	463324	19.606	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	457181	19.103	ug/l	99
89) n-Butylbenzene	13.62	91	679678	18.255	ug/l	100
90) Hexachloroethane	13.88	117	125935	18.962	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	445042	20.010	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35120	20.156	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	222318	19.238	ug/l	100
94) Hexachlorobutadiene	15.01	225	126691	18.983	ug/l	99
95) Naphthalene	15.13	128	490281	19.705	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	205346	19.663	ug/l	99

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

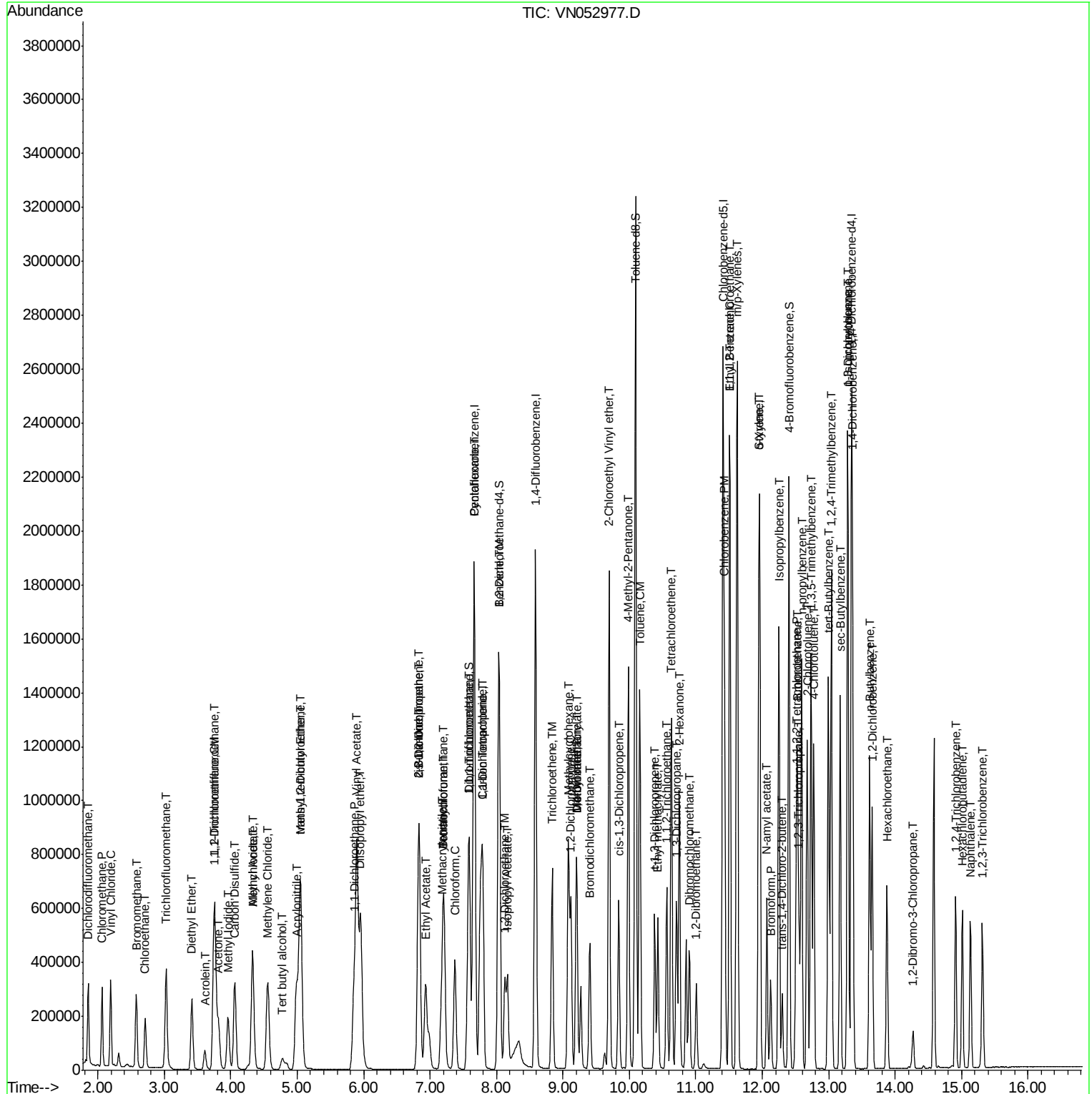
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Data File : VN052977.D
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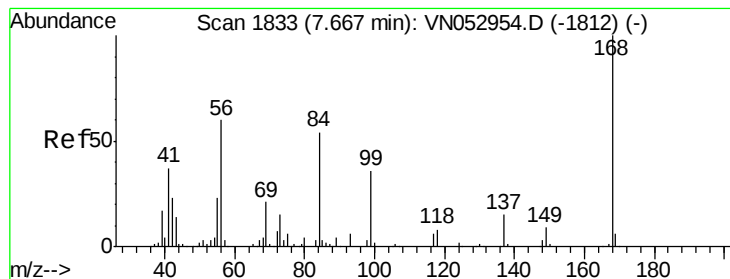
Instrument :
MSVOA_N
Client Sampled :
VN1218WBS01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBS01

Tgt Ion:168 Resp: 1157444

Ion Ratio Lower Upper

168 100

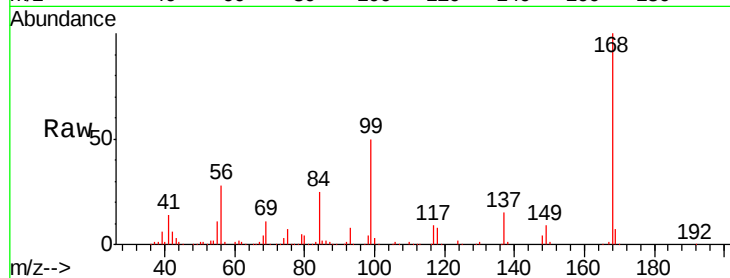
99 49.8 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

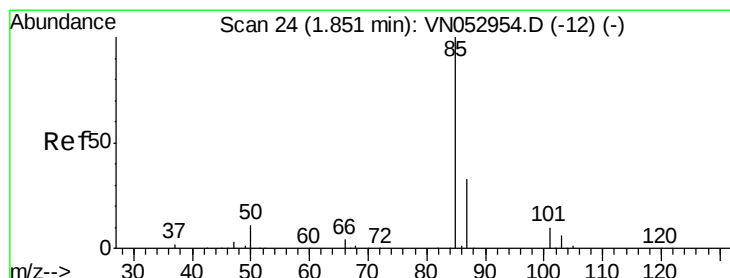
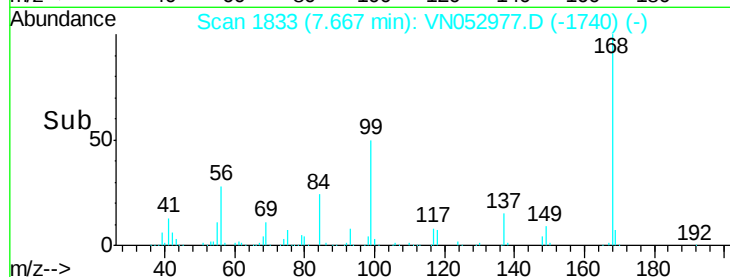
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.563 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052977.D

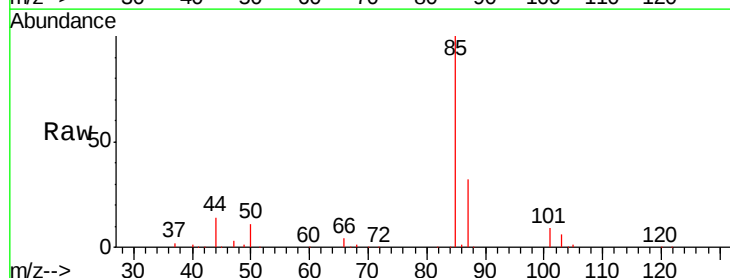
Acq: 18 Dec 2018 23:18

Tgt Ion: 85 Resp: 229163

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

200000

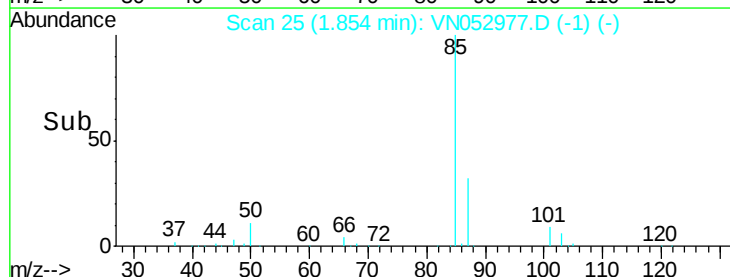
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 18.985 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBS01

Tgt Ion: 50 Resp: 269495

Ion Ratio Lower Upper

50 100

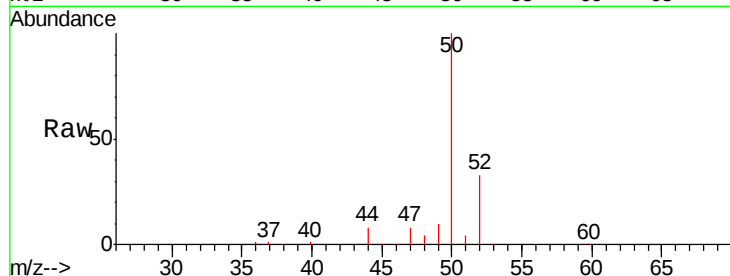
52 33.0 26.2 39.4

Manual Integrations

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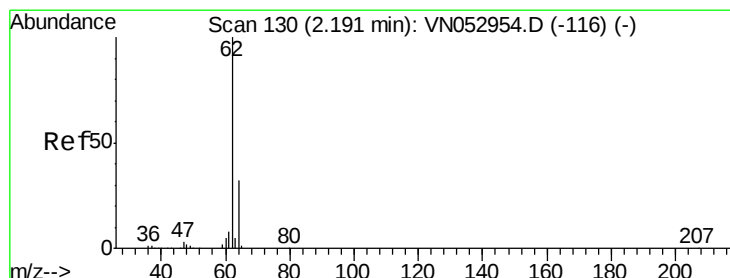
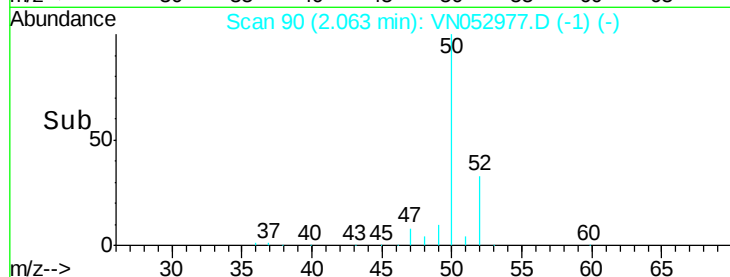
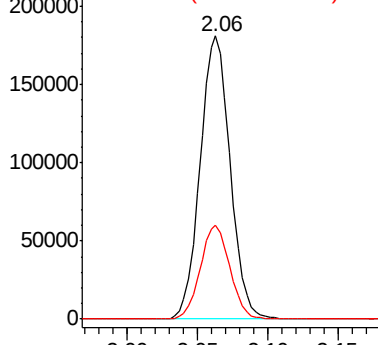
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 20.588 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052977.D

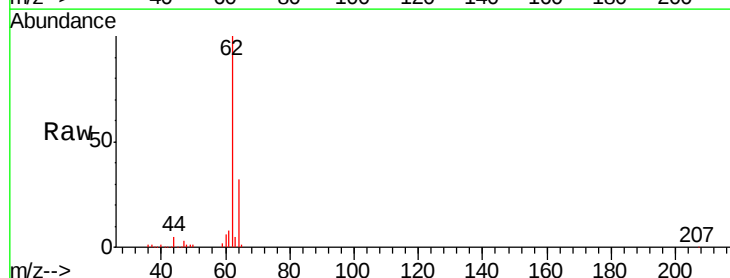
Acq: 18 Dec 2018 23:18

Tgt Ion: 62 Resp: 295983

Ion Ratio Lower Upper

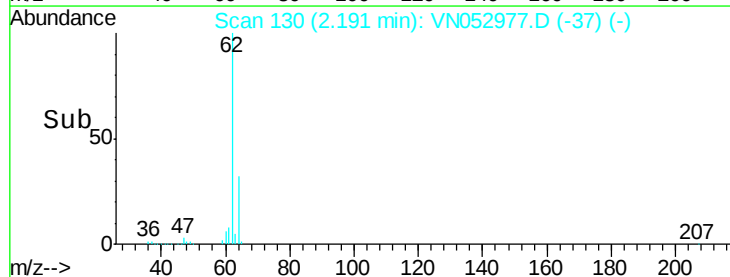
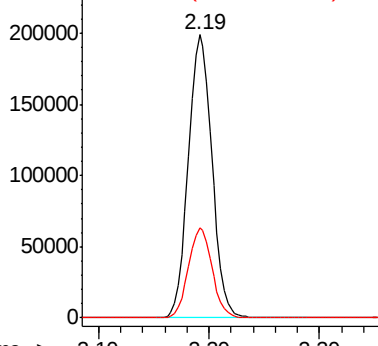
62 100

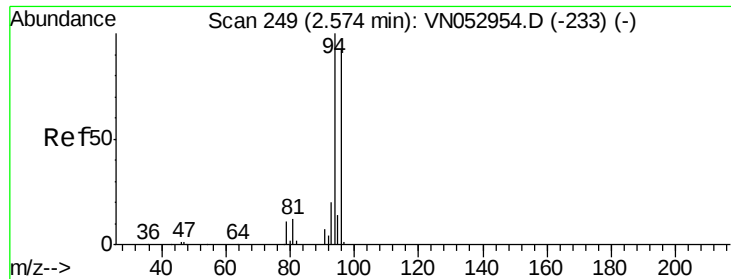
64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.000 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

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VN1218WBS01

Tgt Ion: 94 Resp: 189246

Ion Ratio Lower Upper

94 100

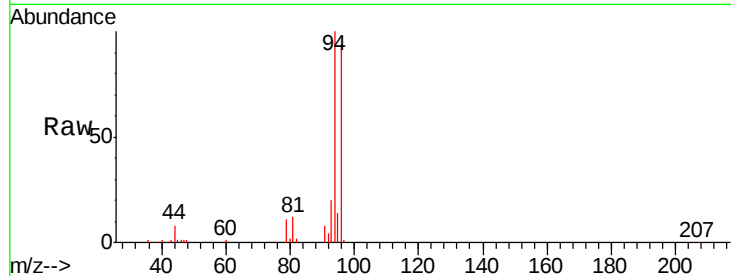
96 94.4 75.0 112.4

Manual Integrations

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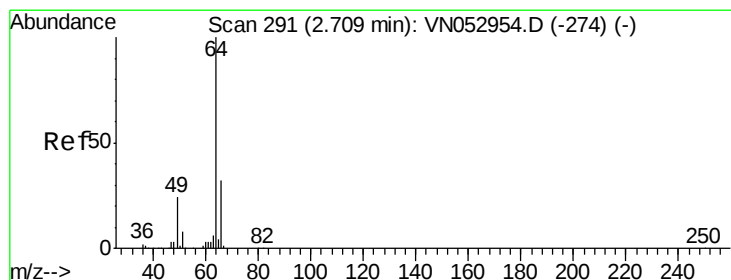
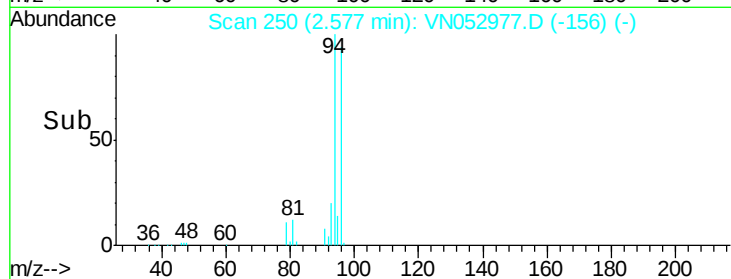
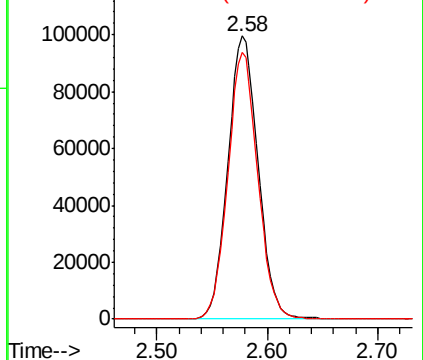
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 20.594 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052977.D

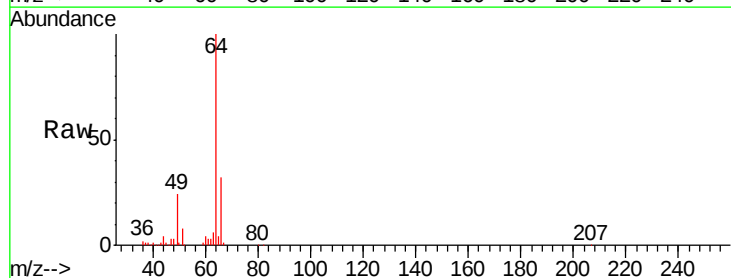
Acq: 18 Dec 2018 23:18

Tgt Ion: 64 Resp: 175344

Ion Ratio Lower Upper

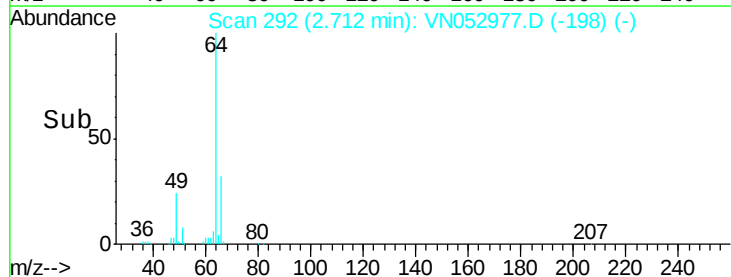
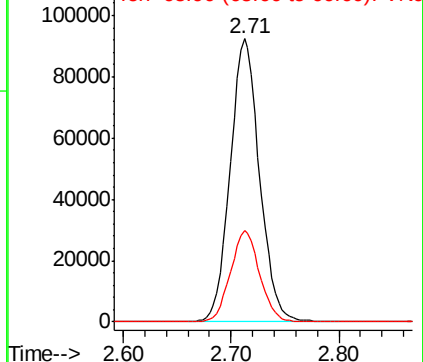
64 100

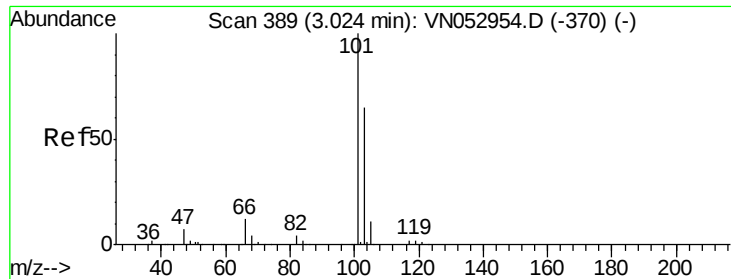
66 32.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

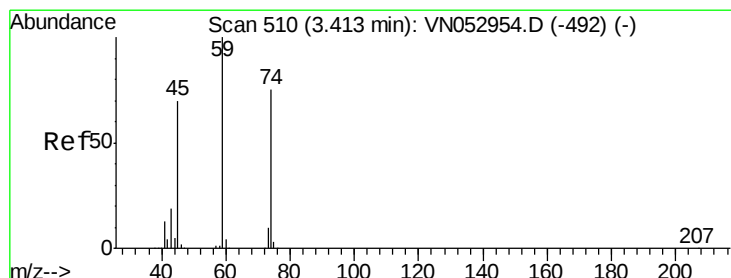
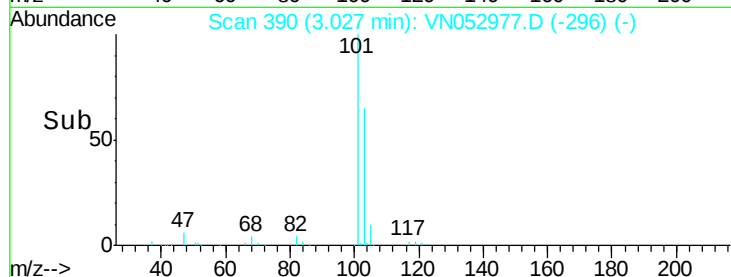
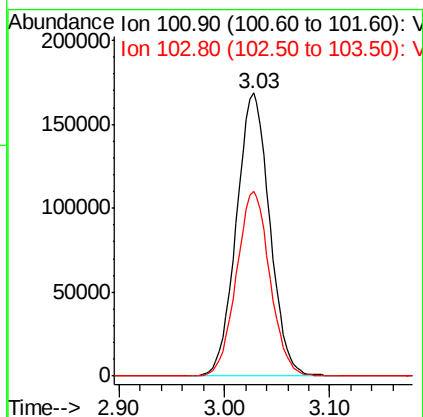
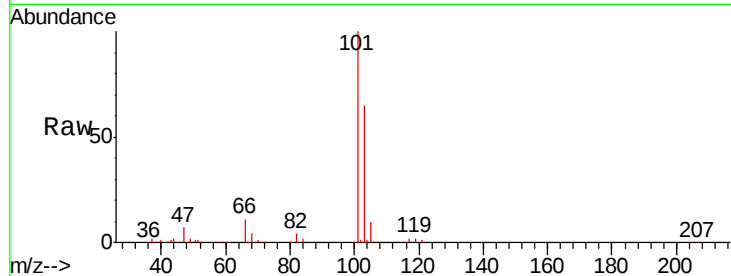
Trichlorofluoromethane
 Concen: 20.691 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	370555		
103	65.3	51.8	77.6	

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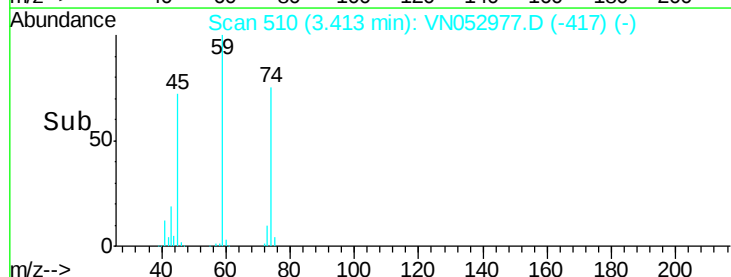
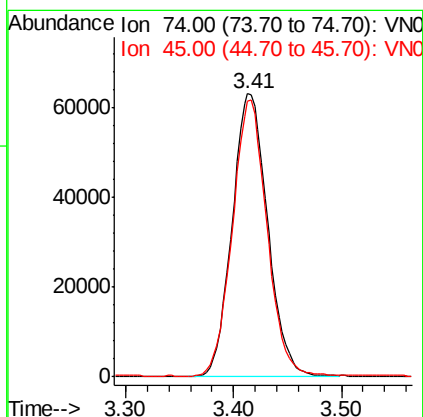
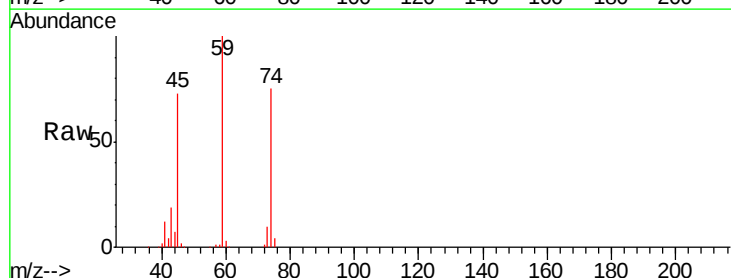
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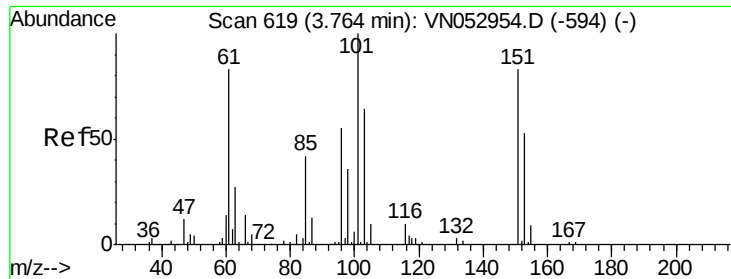


#8

Diethyl Ether
 Concen: 21.422 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	144738		
45	95.8	49.4	148.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.933 ug/l

RT: 3.77 min Scan# 621

Delta R.T. 0.01 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

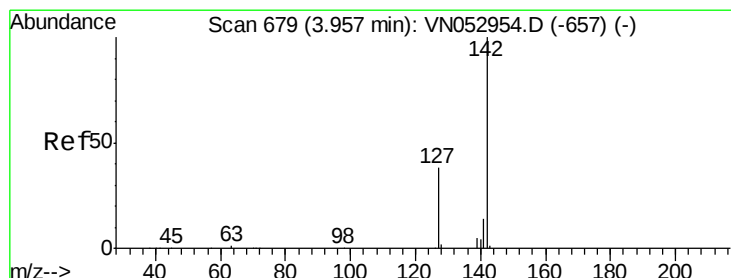
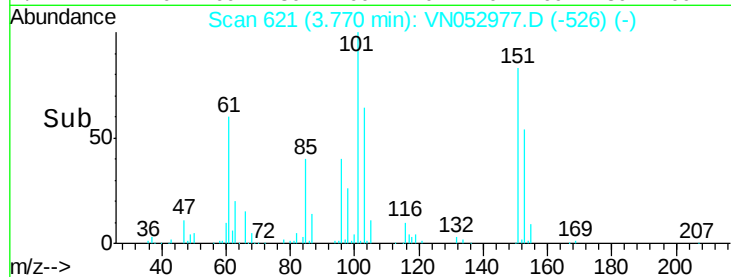
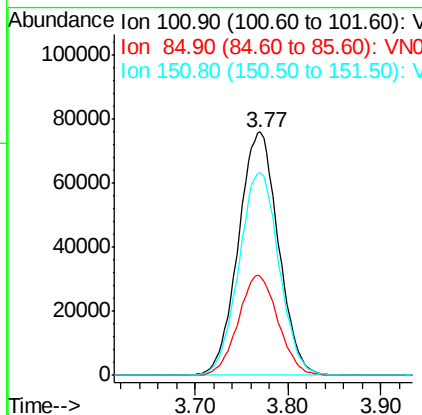
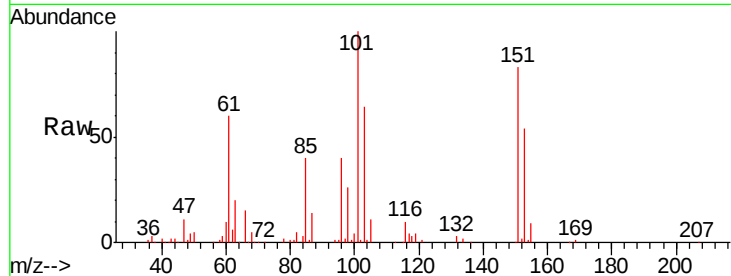
ClientSampleId :

VN1218WBS01

Tgt Ion:	101	Resp:	227614
Ion Ratio	Lower	Upper	
101	100		
85	40.9	33.6	50.4
151	83.8	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.153 ug/l

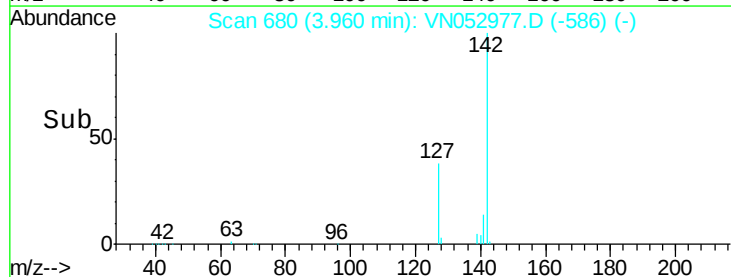
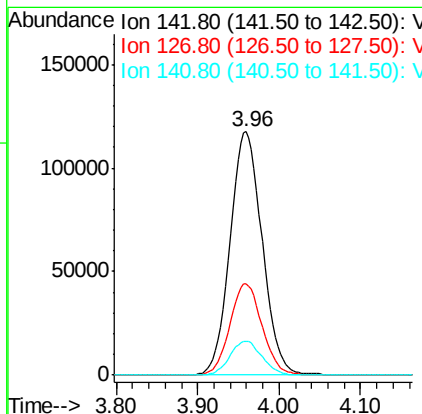
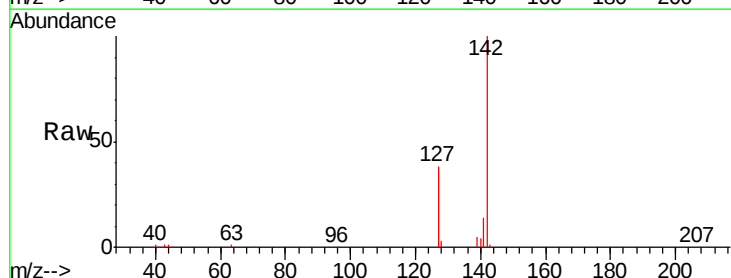
RT: 3.96 min Scan# 680

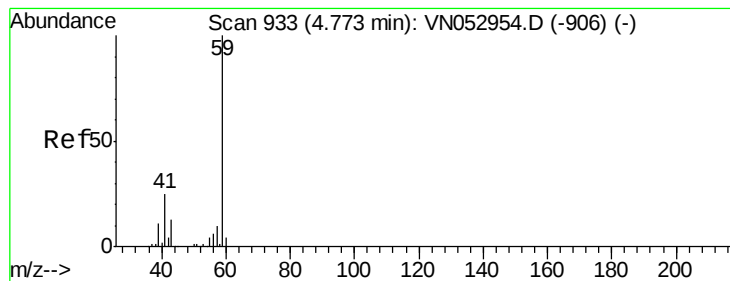
Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Tgt Ion:	142	Resp:	323176
Ion Ratio	Lower	Upper	
142	100		
127	37.7	31.0	46.6
141	14.0	11.2	16.8





#11

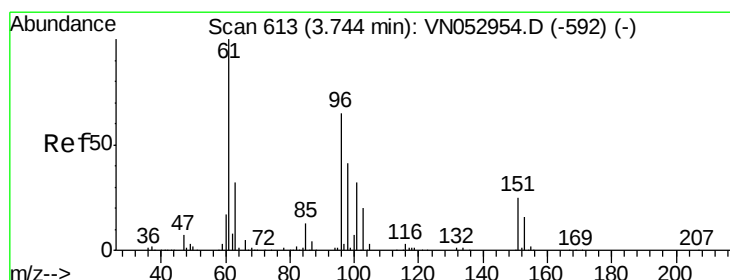
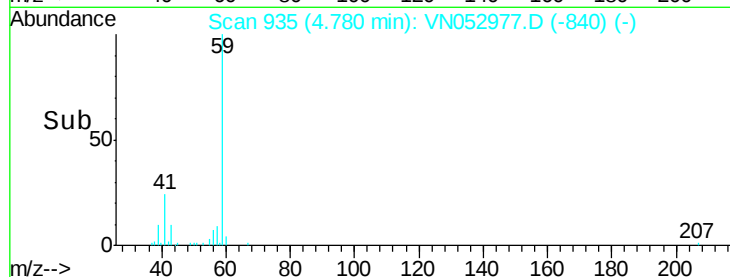
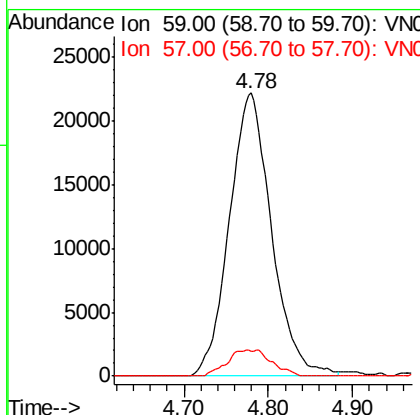
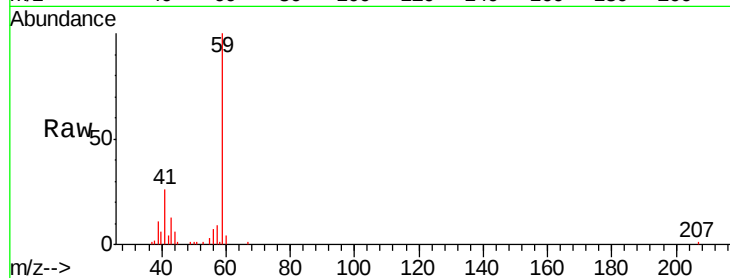
Tert butyl alcohol
Concen: 107.708 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	5.3	7.7	11.5#

Manual Integrations
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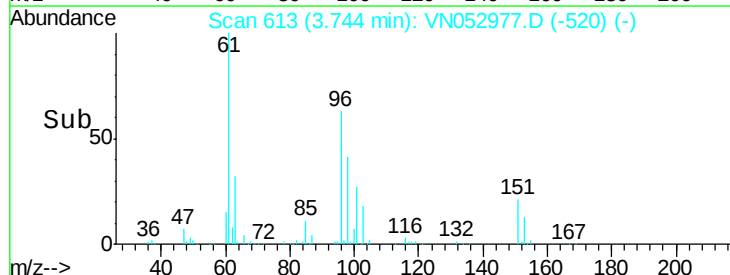
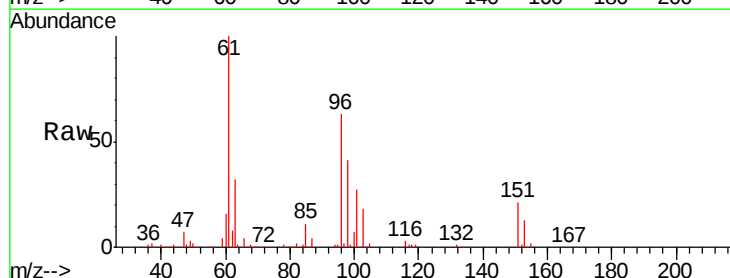
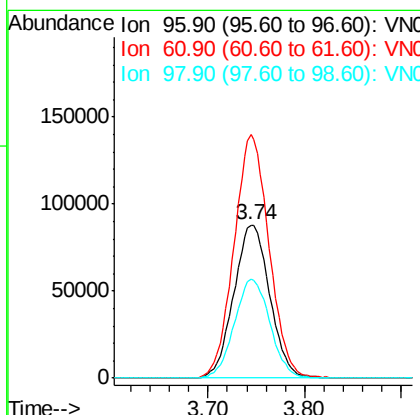
MMDadoda
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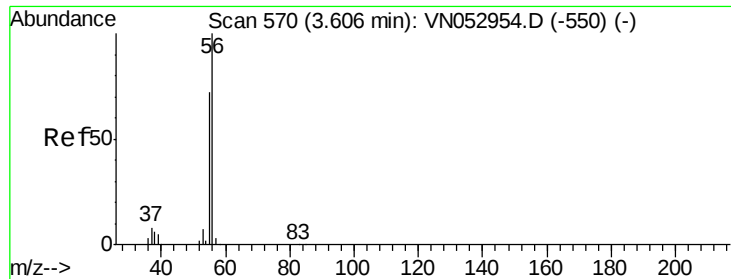


#12

1,1-Dichloroethene
Concen: 20.616 ug/l
RT: 3.74 min Scan# 613
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	125.6	188.4
98	64.6	50.6	75.8





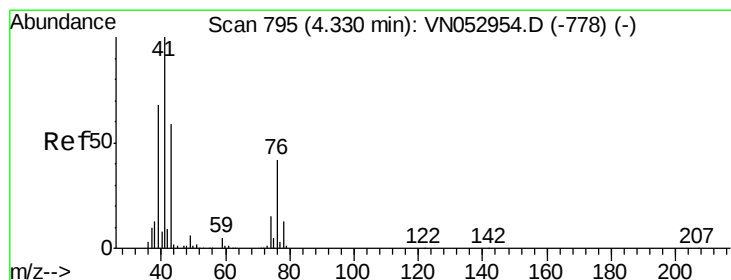
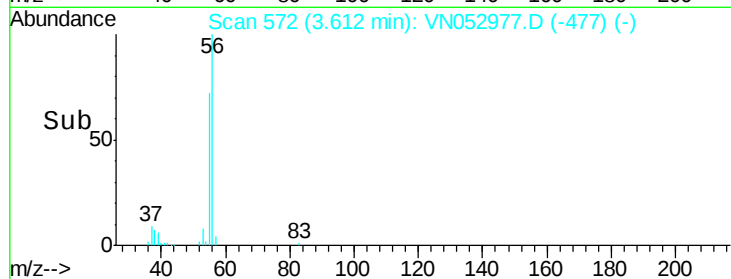
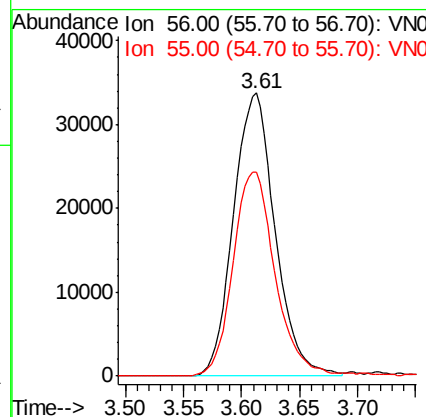
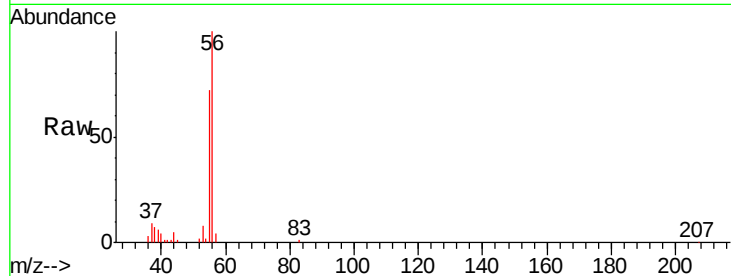
#13
Acrolein
Concen: 129.290 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	72.6	56.6	85.0

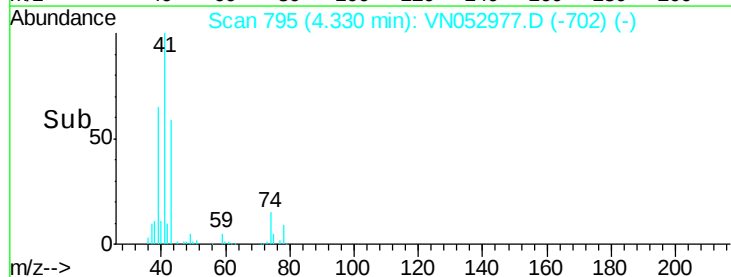
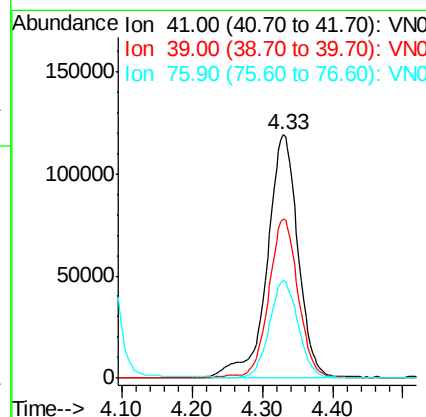
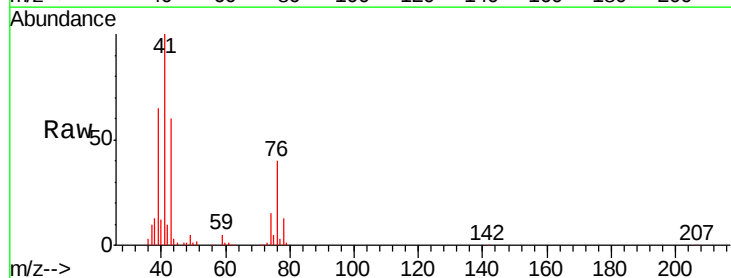
Manual Integrations
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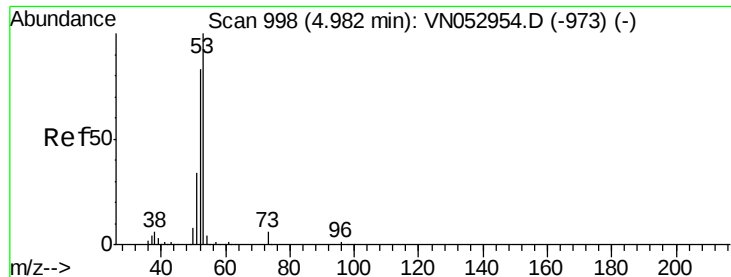
MMDadoda
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#14
Allyl chloride
Concen: 21.331 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.5	54.1	81.1
76	36.7	30.3	45.5





#15

Acrylonitrile

Concen: 105.248 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

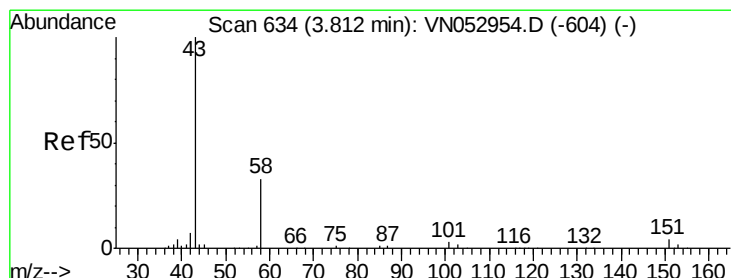
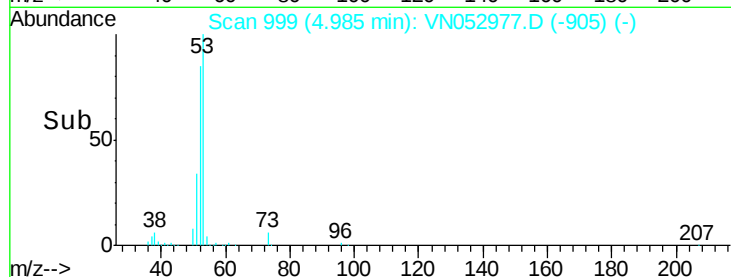
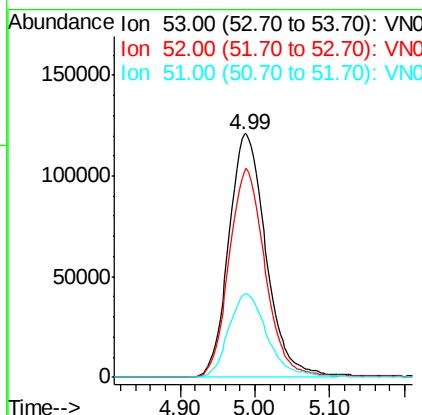
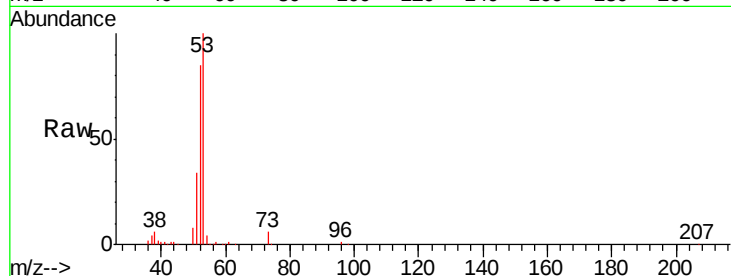
ClientSampleId :

VN1218WBS01

Tgt Ion:	53	Resp:	419052
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.1	97.7
51	35.5	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 115.035 ug/l

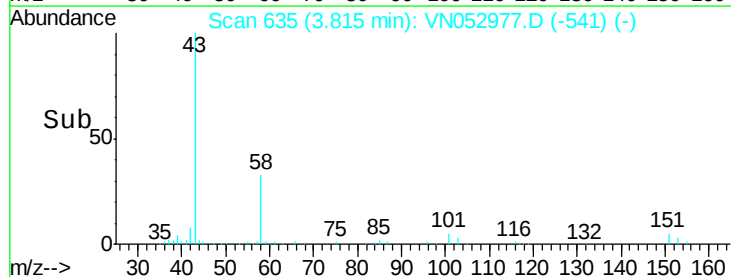
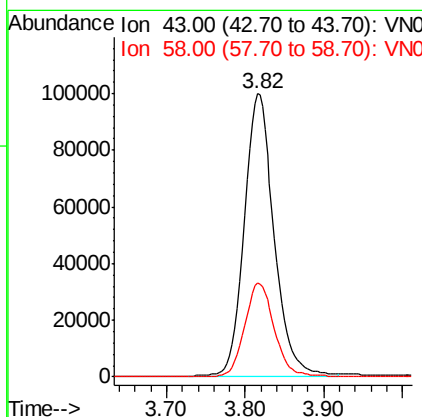
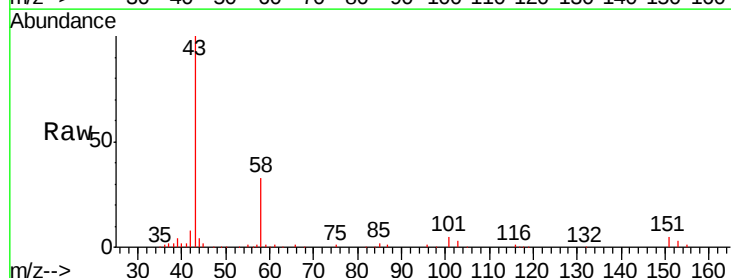
RT: 3.82 min Scan# 635

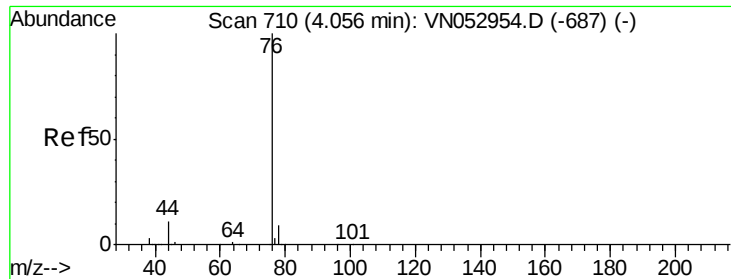
Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Tgt Ion:	43	Resp:	264926
Ion	Ratio	Lower	Upper
43	100		
58	32.9	25.4	38.0





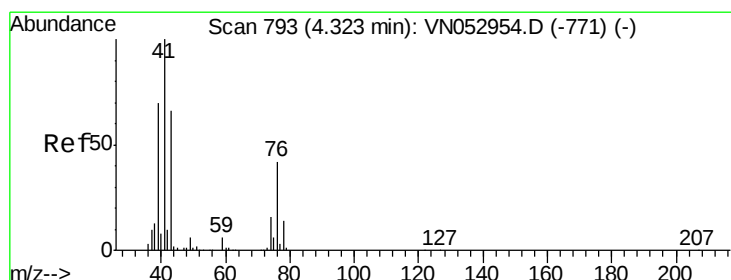
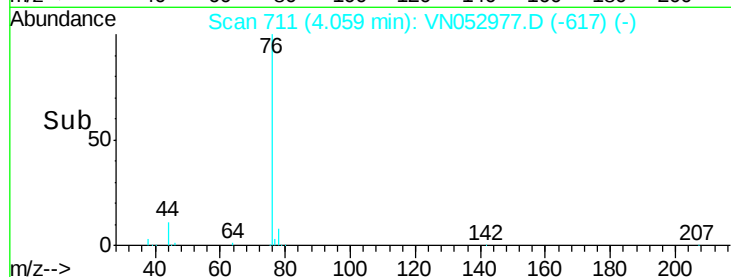
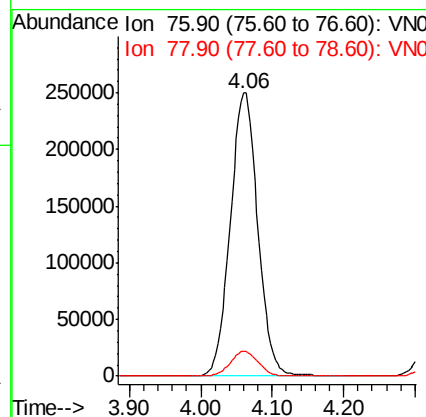
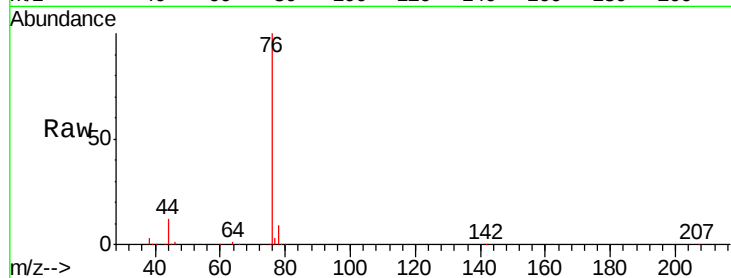
#17
Carbon Disulfide
Concen: 18.682 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

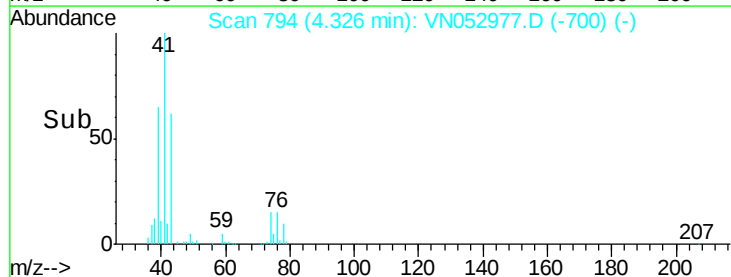
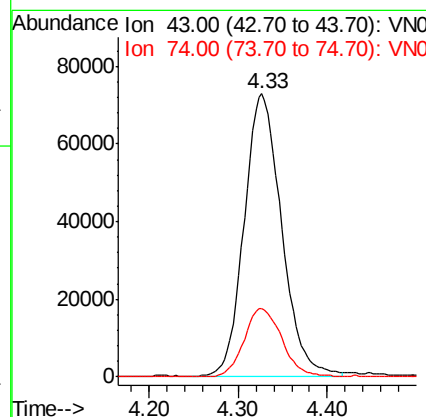
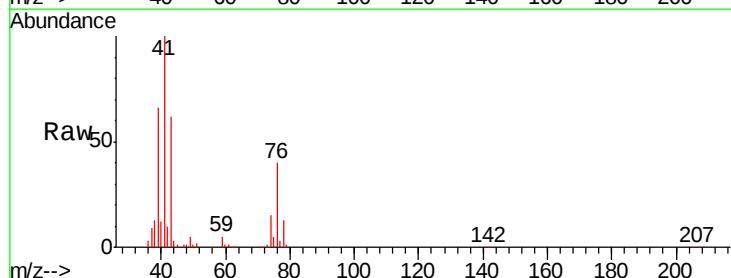
Manual Integrations
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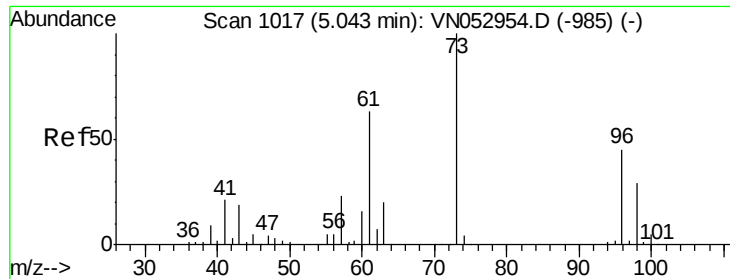
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#18
Methyl Acetate
Concen: 20.790 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.2	28.8





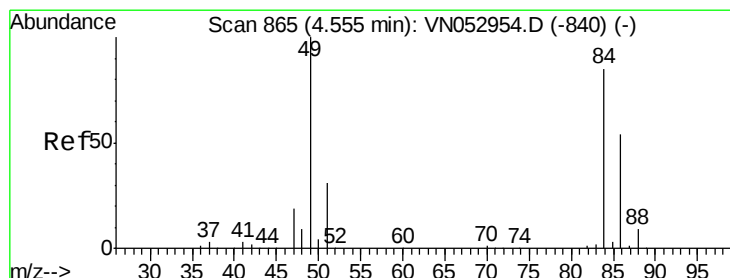
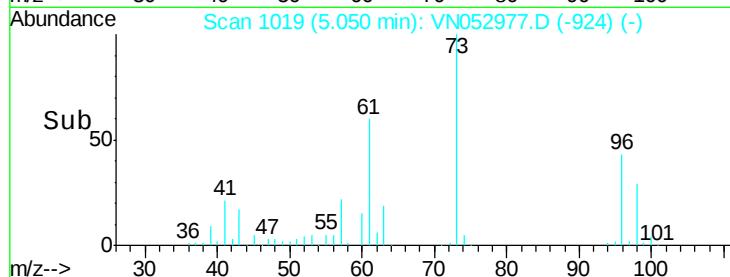
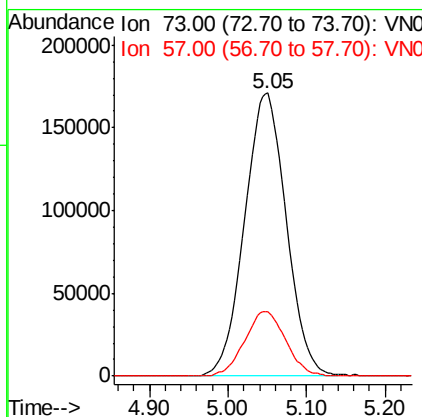
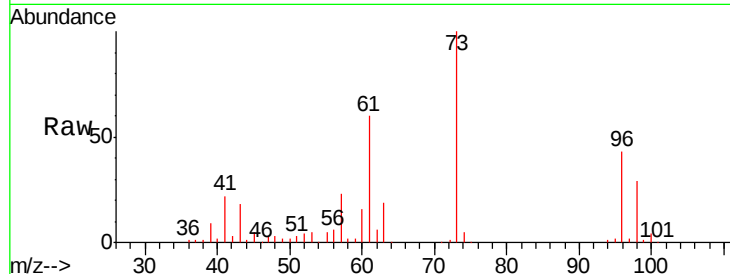
#19
Methyl tert-butyl Ether
Concen: 21.619 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion: 73 Resp: 638237
Ion Ratio Lower Upper
73 100
57 22.7 18.4 27.6

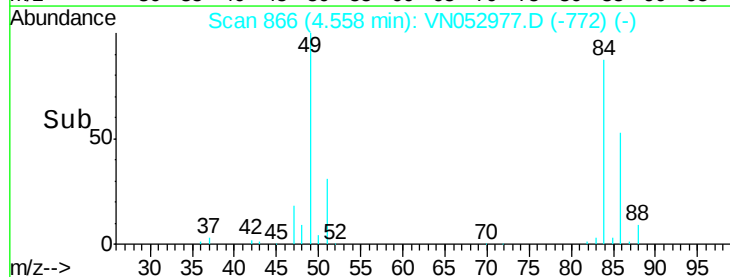
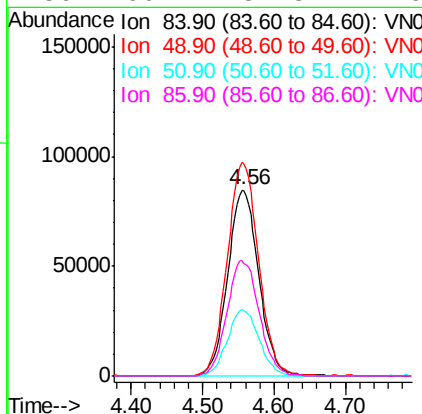
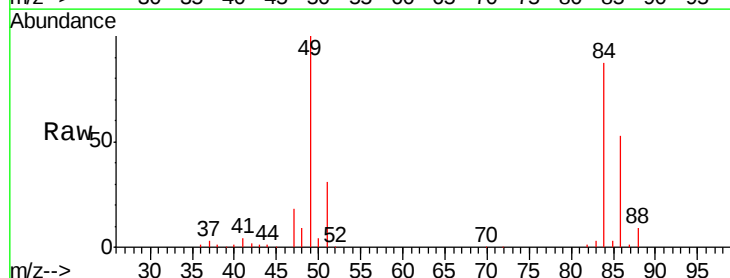
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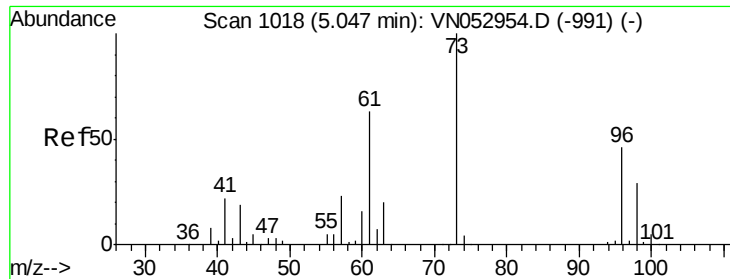
MMDadoda
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#20
Methylene Chloride
Concen: 20.466 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion: 84 Resp: 257100
Ion Ratio Lower Upper
84 100
49 114.6 96.8 145.2
51 35.4 29.9 44.9
86 60.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 20.350 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBS01

Tgt Ion: 96 Resp: 241209

Ion Ratio Lower Upper

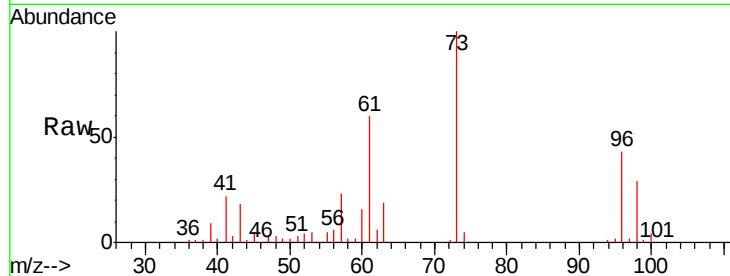
96 100

61 139.4 110.8 166.2

98 66.4 51.4 77.2

Manual Integrations
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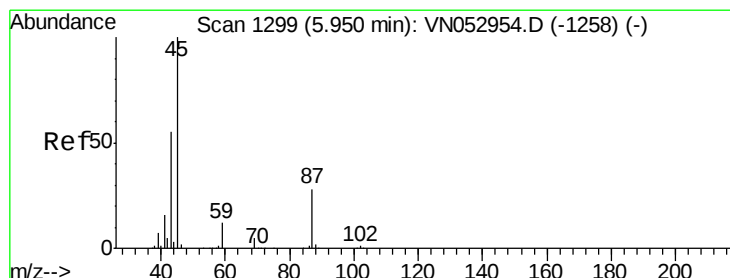
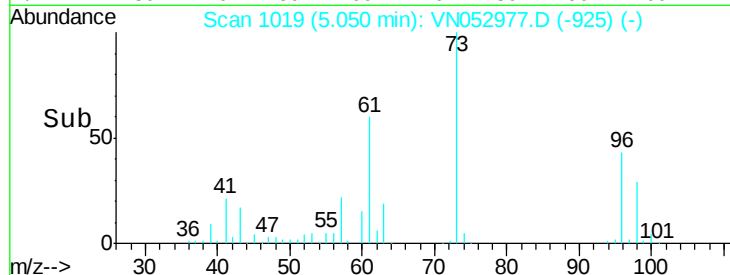
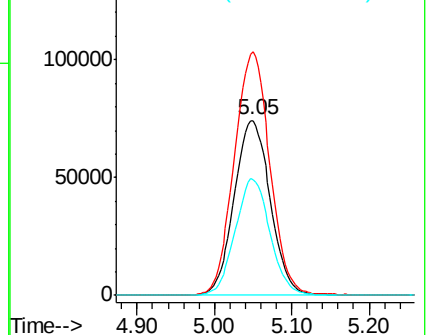
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Abundance Ion 95.90 (95.60 to 96.60): VN052977.D (-925) (-)

Ion 60.90 (60.60 to 61.60): VN052977.D (-925) (-)

Ion 97.90 (97.60 to 98.60): VN052977.D (-925) (-)



#22

Diisopropyl ether

Concen: 21.442 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Tgt Ion: 45 Resp: 782113

Ion Ratio Lower Upper

45 100

43 56.2 45.5 68.3

87 28.7 22.0 33.0

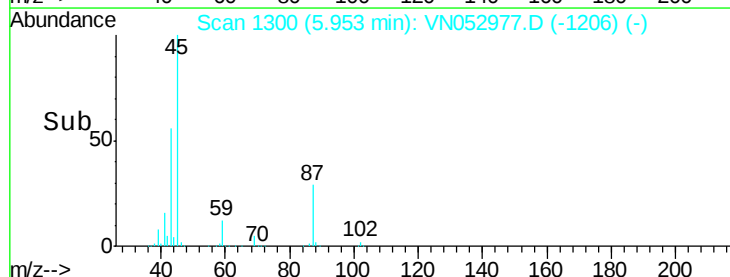
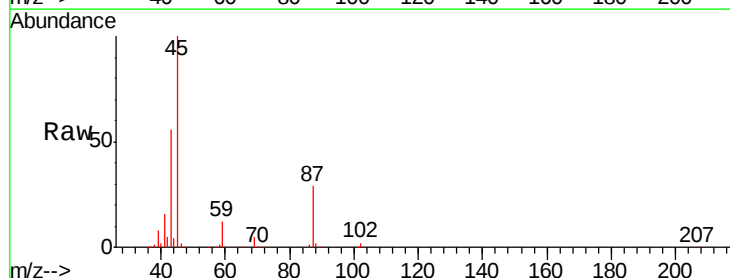
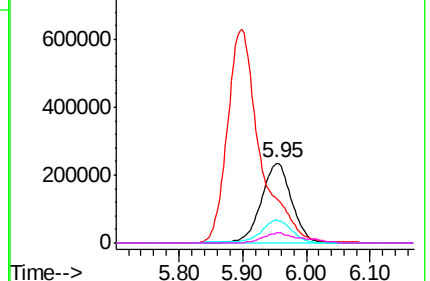
59 12.2 9.4 14.0

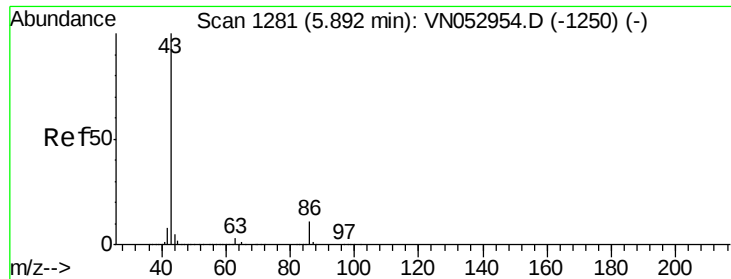
Abundance Ion 45.00 (44.70 to 45.70): VN052977.D (-1206) (-)

Ion 43.00 (42.70 to 43.70): VN052977.D (-1206) (-)

Ion 87.00 (86.70 to 87.70): VN052977.D (-1206) (-)

Ion 59.00 (58.70 to 59.70): VN052977.D (-1206) (-)





#23

Vinyl Acetate

Concen: 107.202 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBS01

Tgt Ion: 43 Resp: 2248482

Ion Ratio Lower Upper

43 100

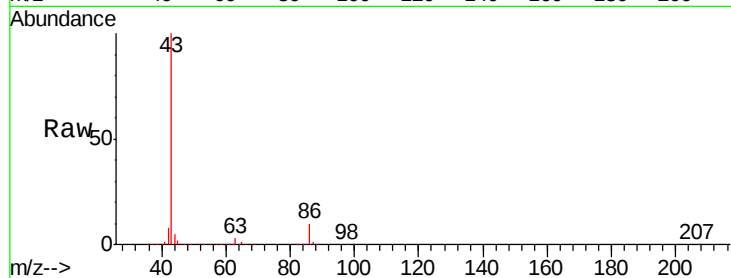
86 10.4 8.1 12.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 86.00 (85.70 to 86.70): VNC

5.90

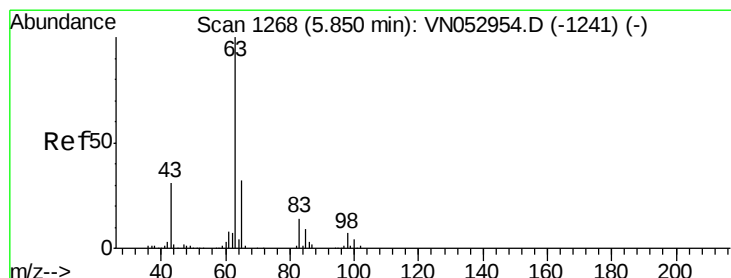
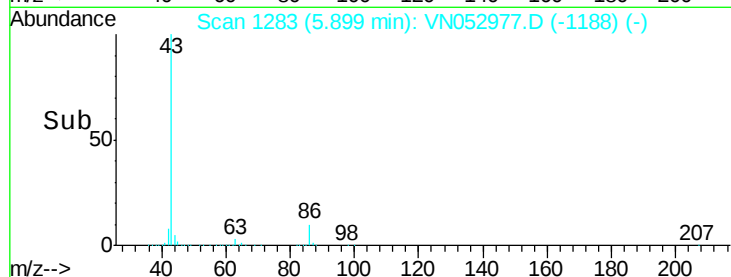
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.955 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

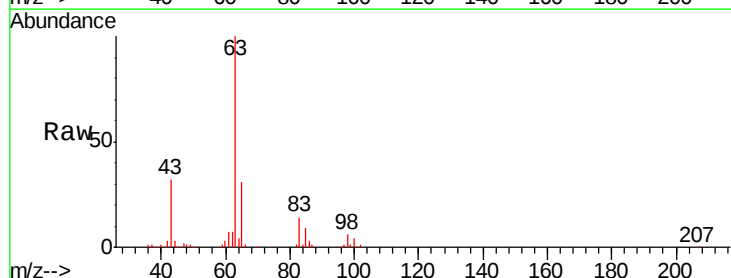
Tgt Ion: 63 Resp: 454189

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 97.90 (97.60 to 98.60): VNC

Ion 99.90 (99.60 to 100.60): VNC

5.85

200000

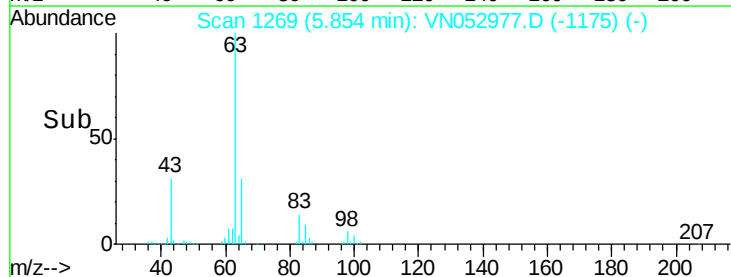
150000

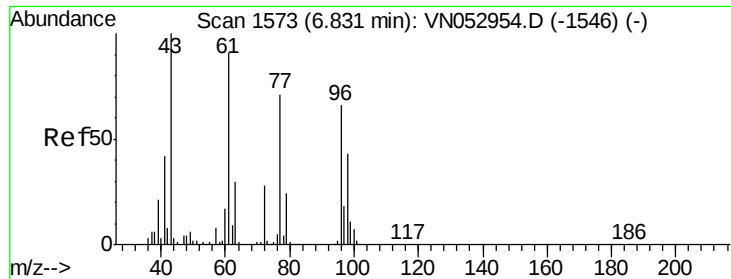
100000

50000

0

Time-->





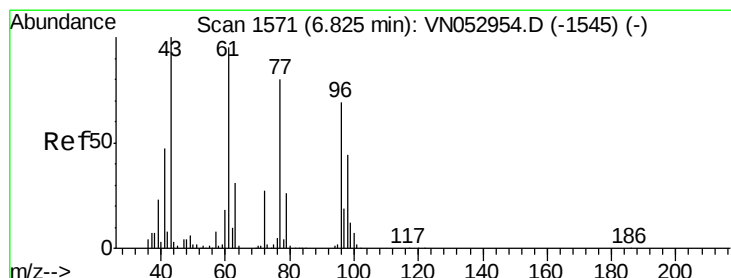
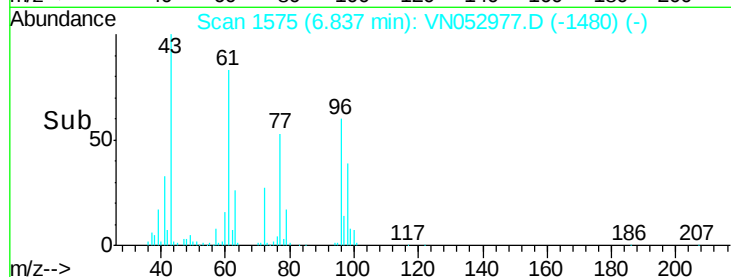
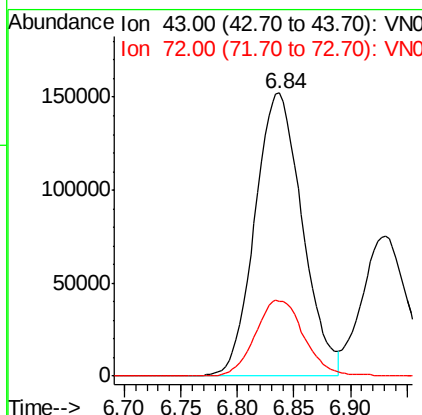
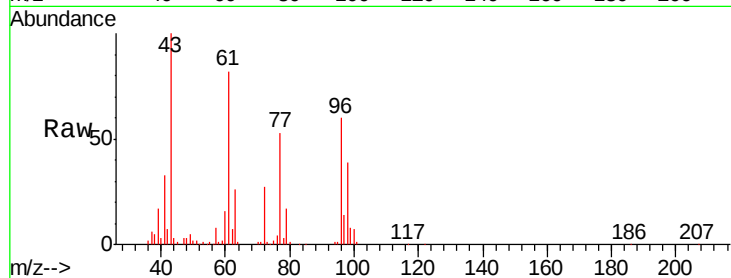
#25
 2-Butanone
 Concen: 114.065 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBS01

Tgt Ion: 43 Resp: 440859
 Ion Ratio Lower Upper
 43 100
 72 26.6 21.0 31.6

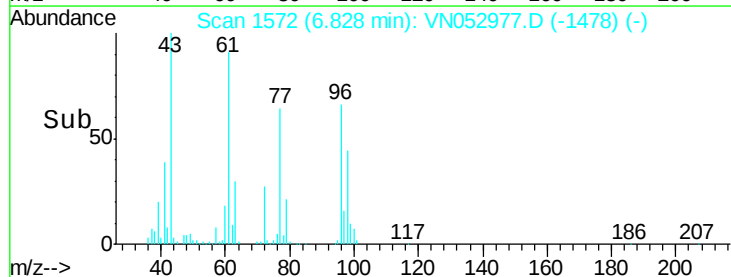
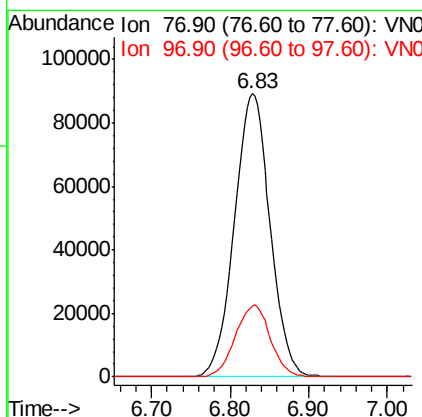
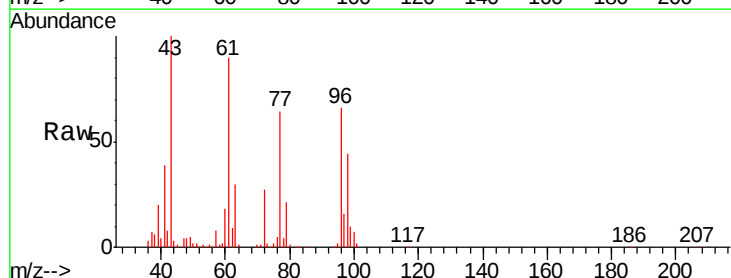
Manual Integrations
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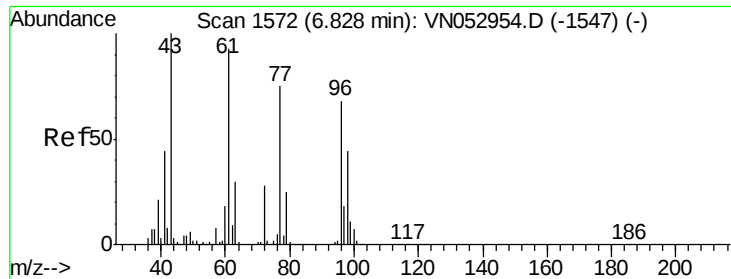
MMDadoda
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#26
 2,2-Dichloropropane
 Concen: 17.124 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Tgt Ion: 77 Resp: 283329
 Ion Ratio Lower Upper
 77 100
 97 25.0 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 20.841 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

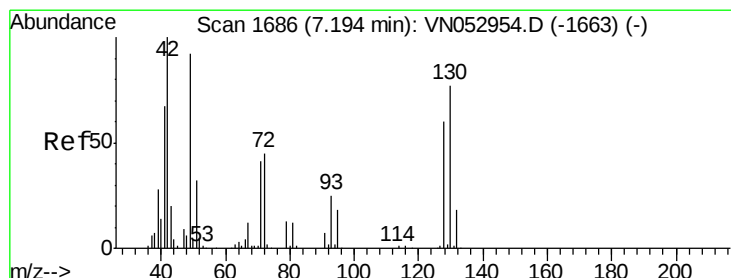
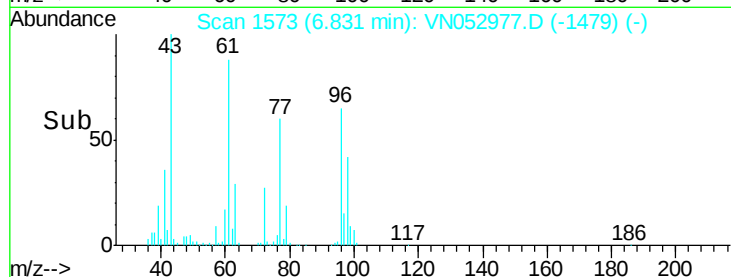
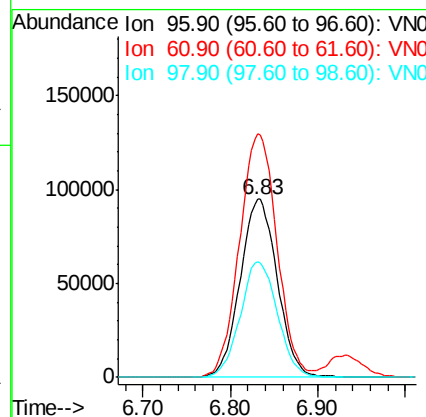
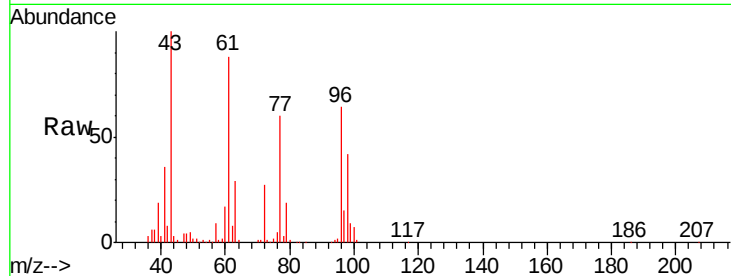
ClientSampleId :

VN1218WBS01

Tgt Ion:	96	Resp:	279658
Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	284.2
98	65.0	0.0	129.2

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#28

Bromochloromethane

Concen: 22.741 ug/l

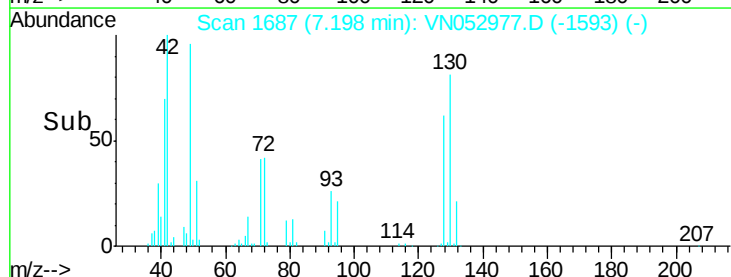
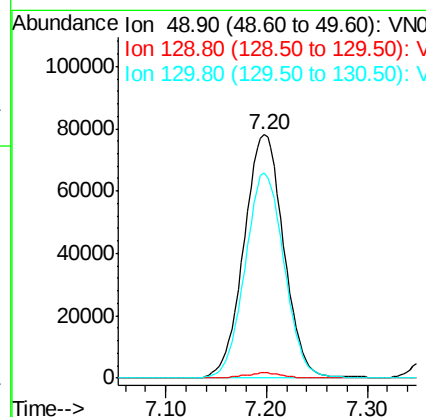
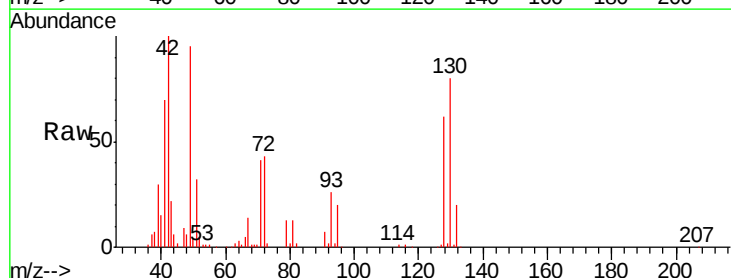
RT: 7.20 min Scan# 1687

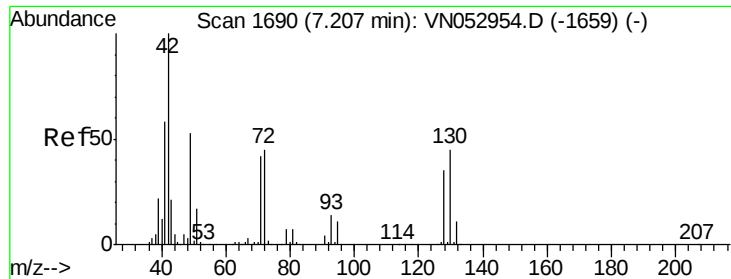
Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Tgt Ion:	49	Resp:	213581
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	82.9	63.3	94.9





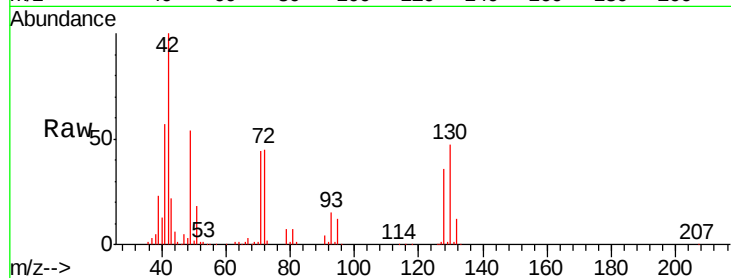
#29
Tetrahydrofuran
Concen: 109.816 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

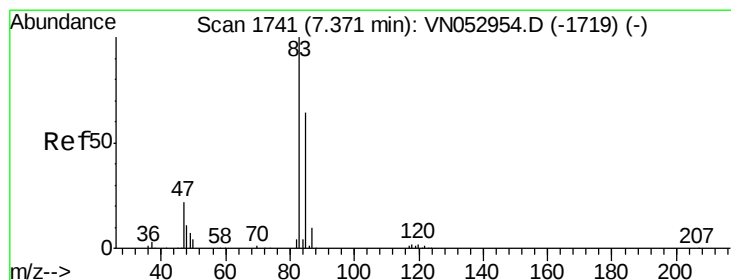
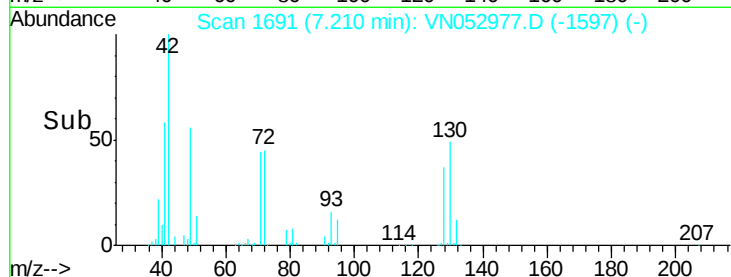
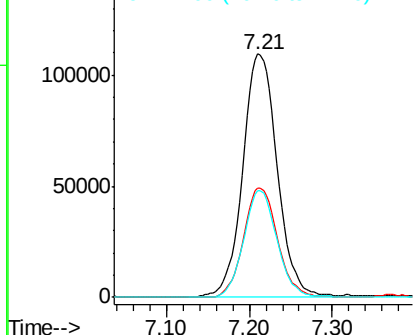
Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.7	52.1
71	42.4	32.3	48.5

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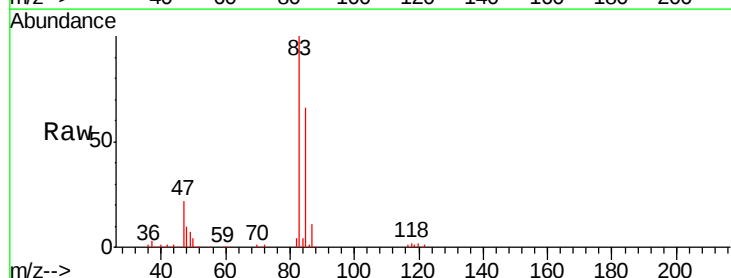


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

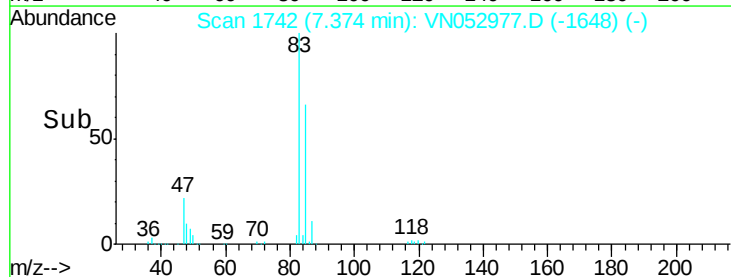
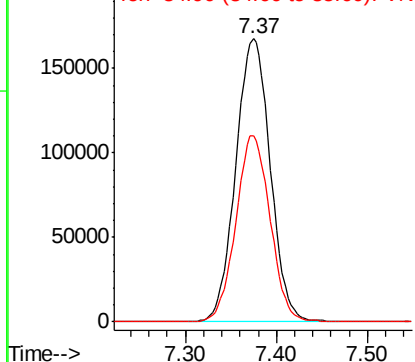


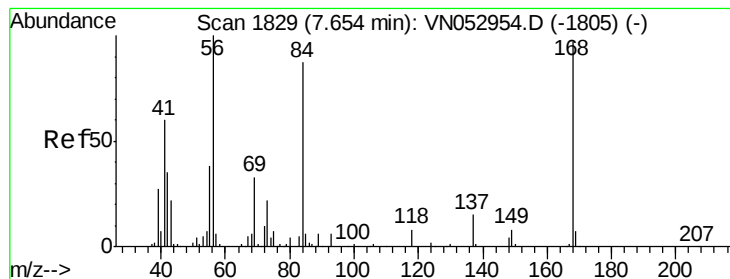
#30
Chloroform
Concen: 20.754 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.1	78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 20.559 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBS01

Tgt Ion: 56 Resp: 430504
Ion Ratio Lower Upper

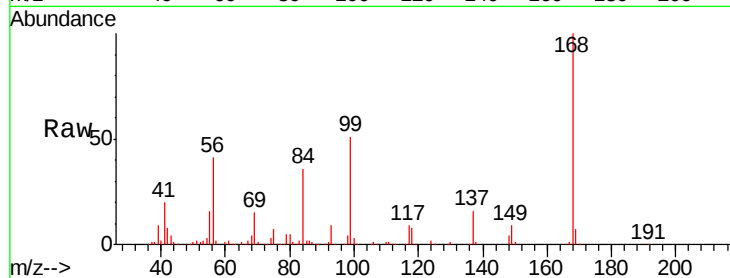
56 100

69 36.4 26.6 39.8

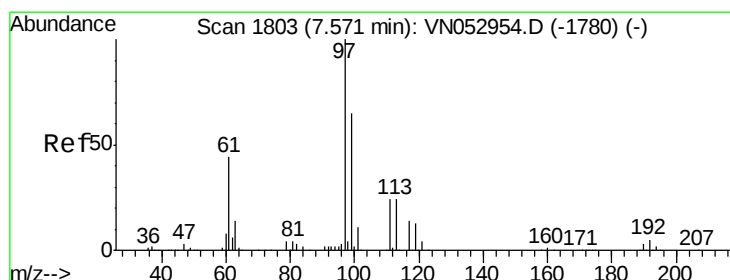
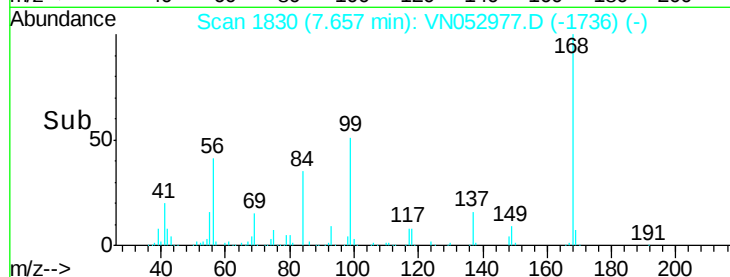
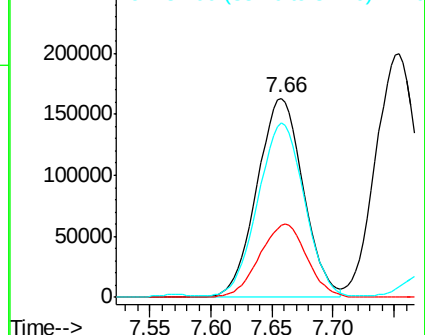
84 86.6 68.4 102.6

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Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.382 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN052977.D

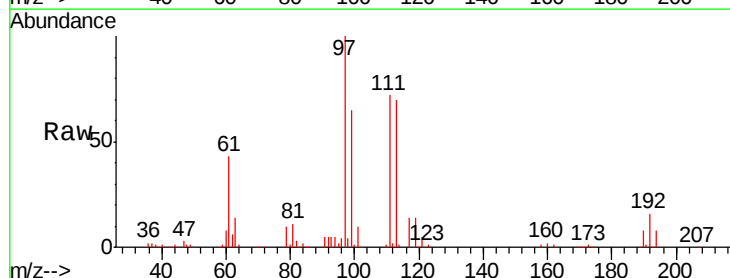
Acq: 18 Dec 2018 23:18

Tgt Ion: 97 Resp: 369688
Ion Ratio Lower Upper

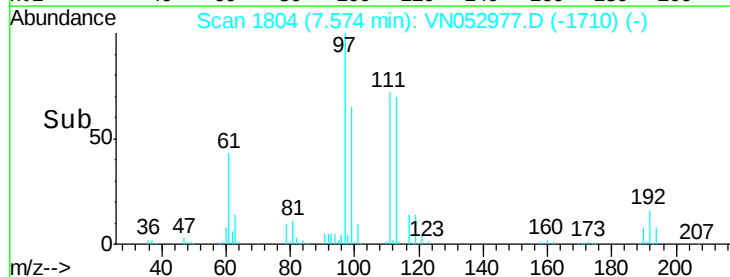
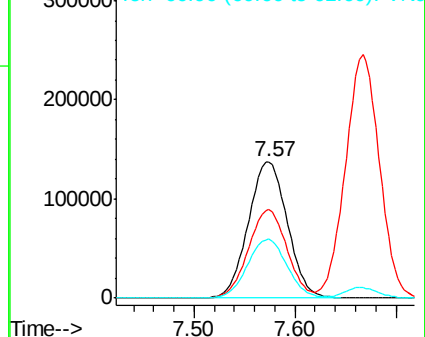
97 100

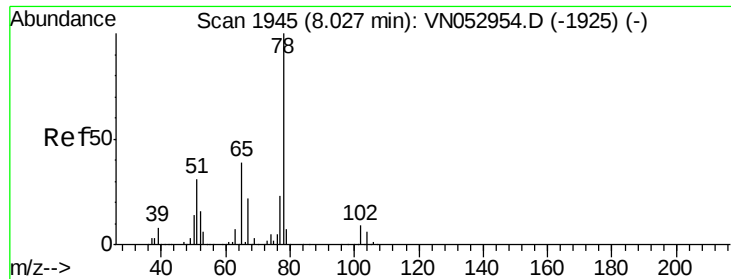
99 64.3 51.1 76.7

61 43.6 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





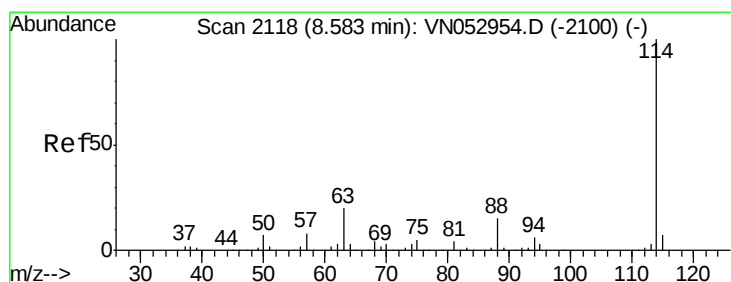
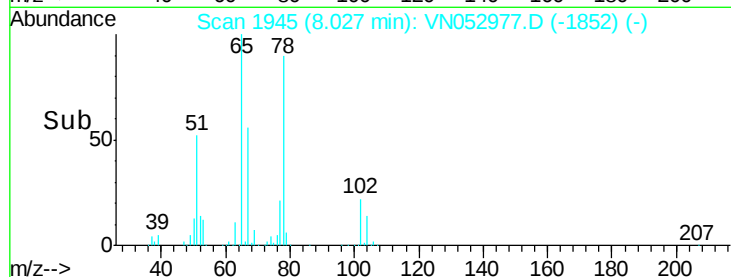
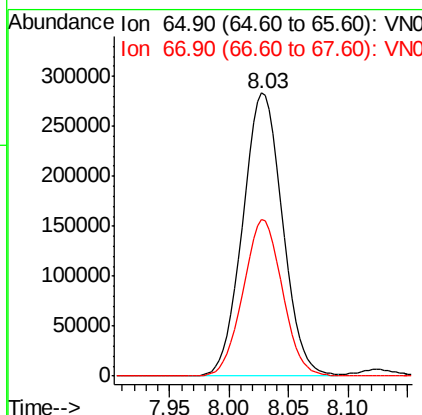
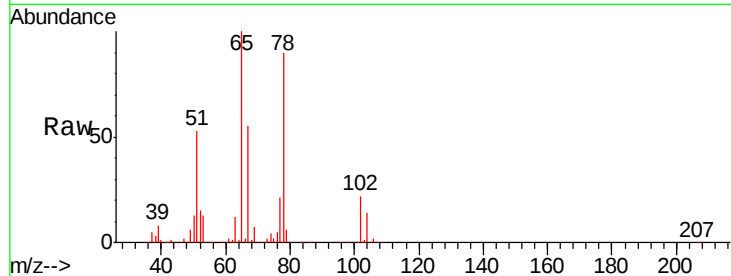
#33
 1,2-Dichloroethane-d4
 Concen: 20.382 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBS01

Tgt Ion: 65 Resp: 657653
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.4

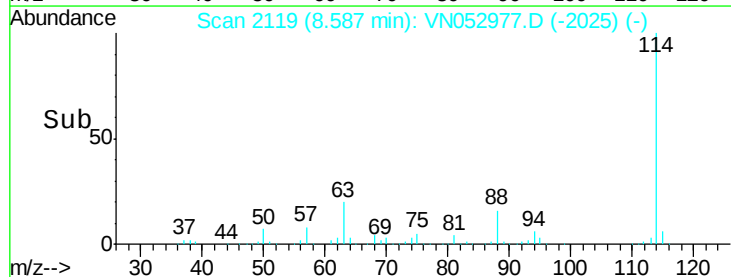
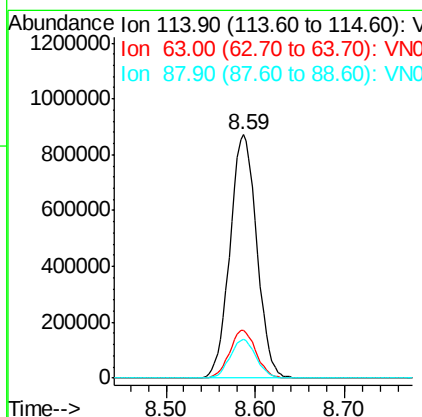
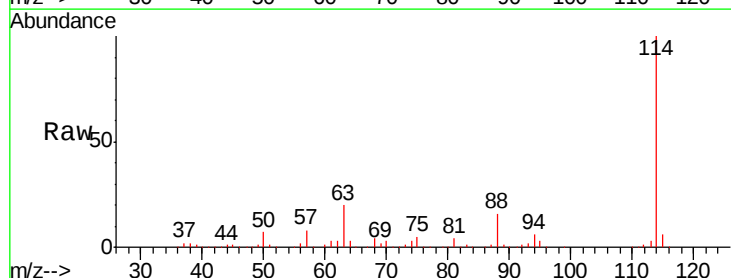
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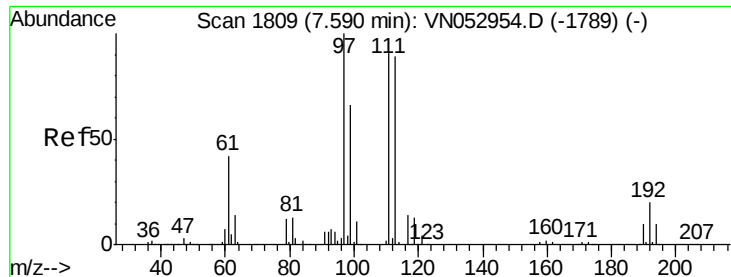
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Tgt Ion: 114 Resp: 1809295
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.7 0.0 31.0





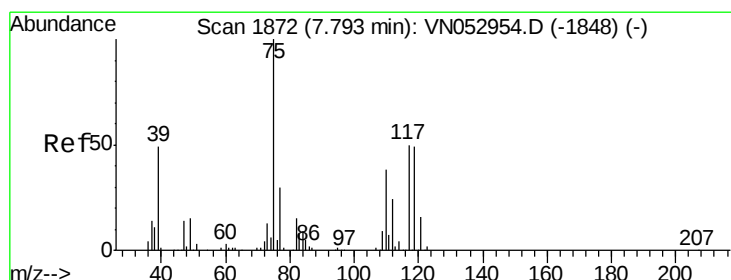
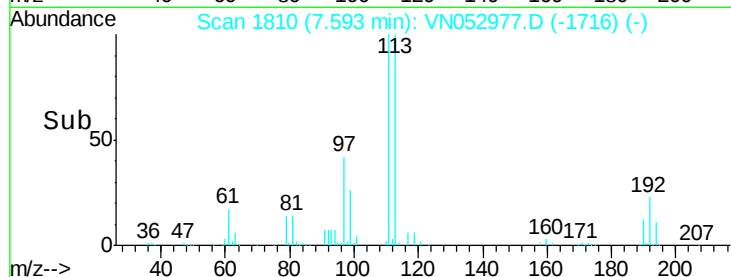
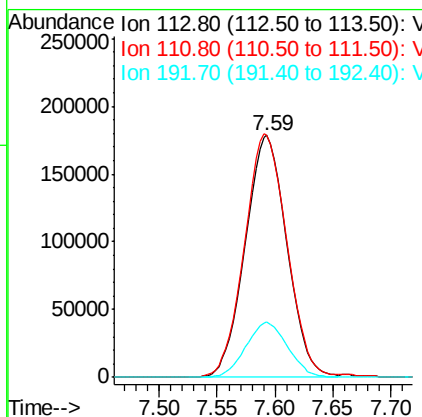
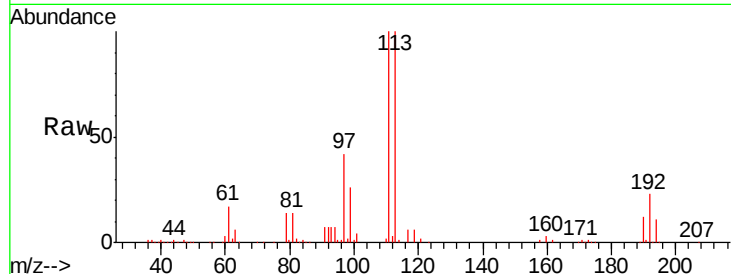
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	446445		
111	103.1	83.0	124.4	
192	22.9	17.5	26.3	

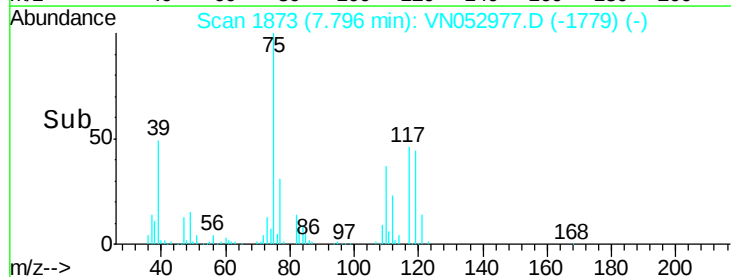
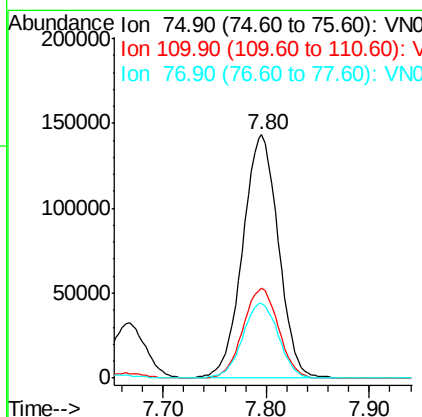
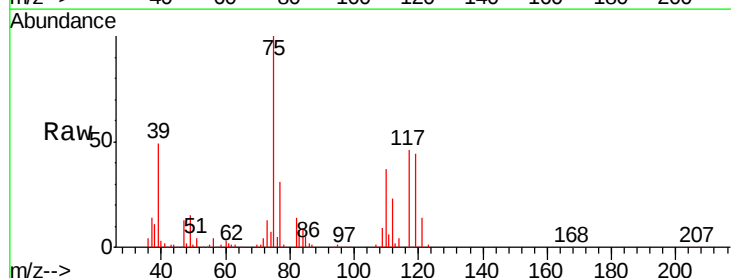
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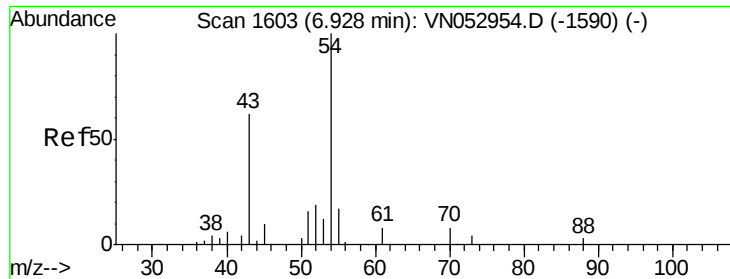
MMDadoda
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#36
1,1-Dichloropropene
Concen: 19.720 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	342461		
110	36.9	18.2	54.6	
77	31.2	24.9	37.3	





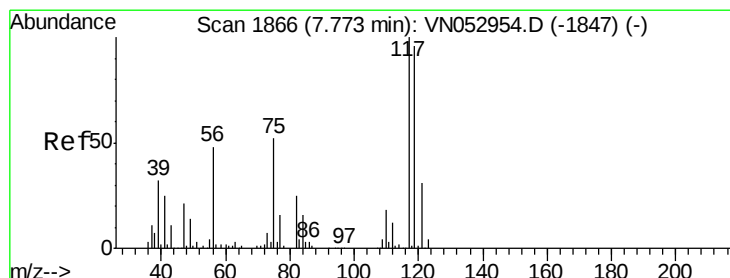
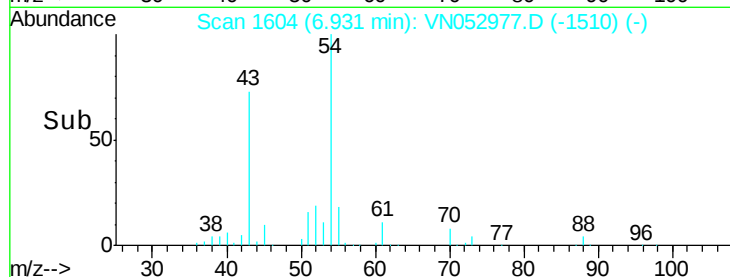
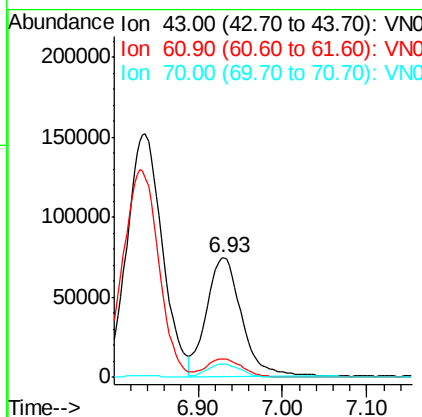
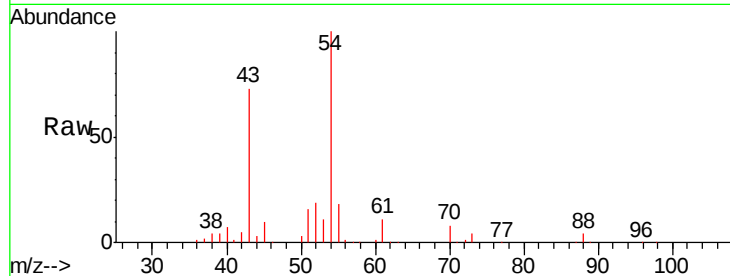
#37
Ethyl Acetate
Concen: 22.304 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.8	17.6
70	10.8	8.4	12.6

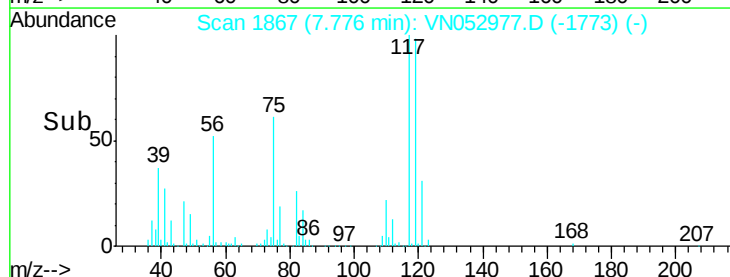
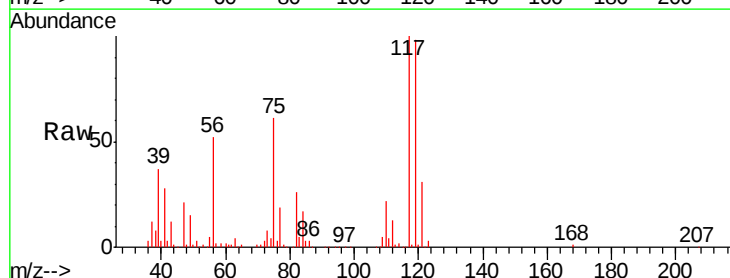
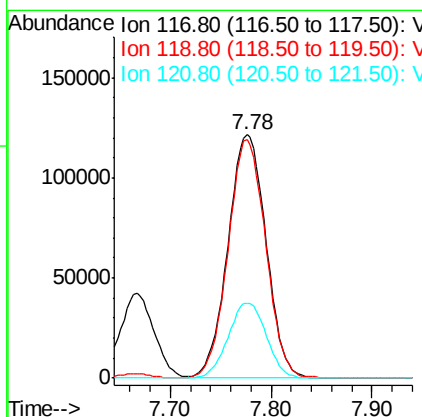
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#38
Carbon Tetrachloride
Concen: 19.940 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.1	115.7
121	30.8	24.9	37.3





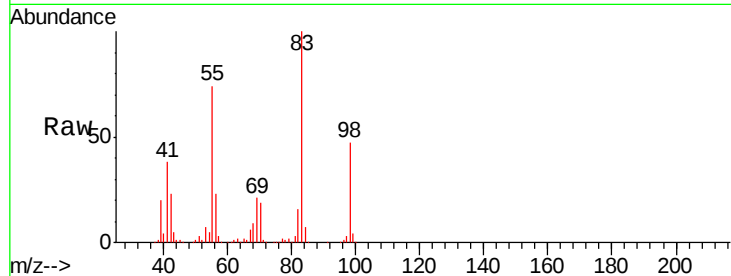
#39
Methylcyclohexane
Concen: 18.907 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampled :
VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.1	61.3	91.9
98	47.1	37.0	55.4

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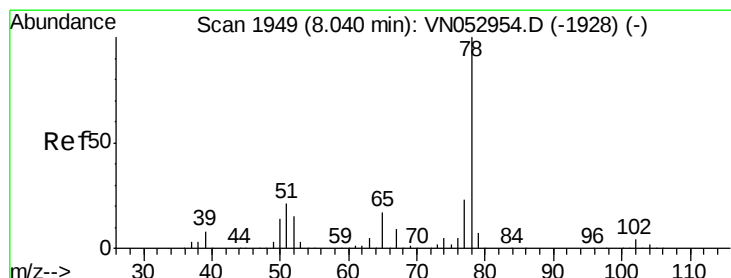
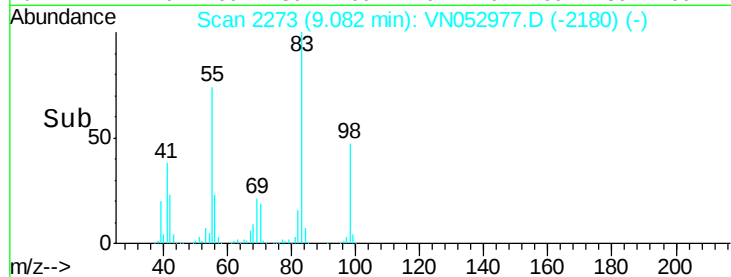
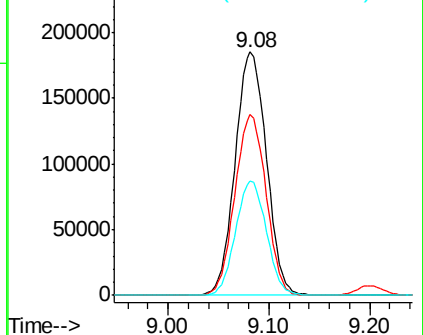
MMDadoda
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Abundance Ion 83.00 (82.70 to 83.70): VN052977.D (-2180) (-)

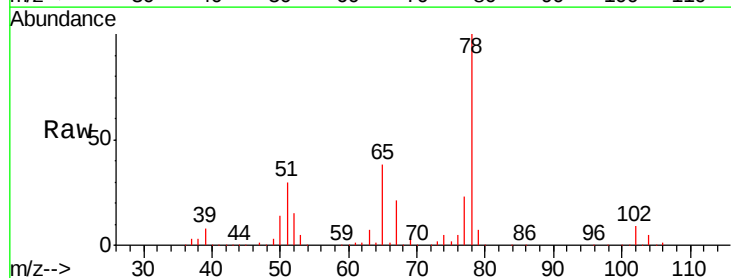
Ion 55.00 (54.70 to 55.70): VN052977.D (-2180) (-)

Ion 98.00 (97.70 to 98.70): VN052977.D (-2180) (-)



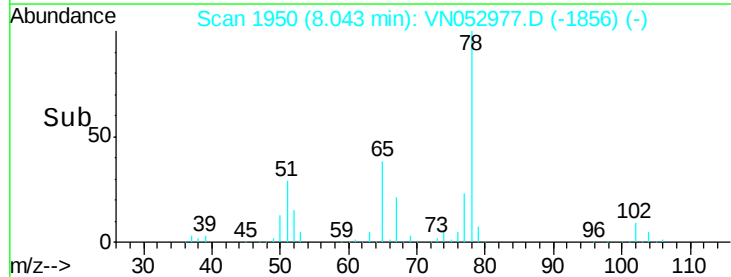
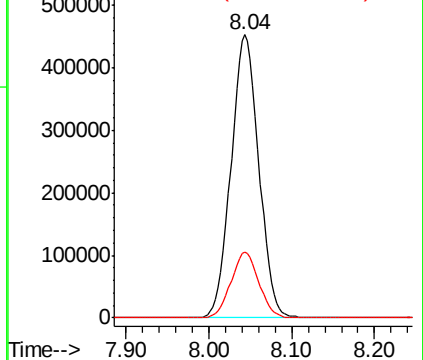
#40
Benzene
Concen: 20.429 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

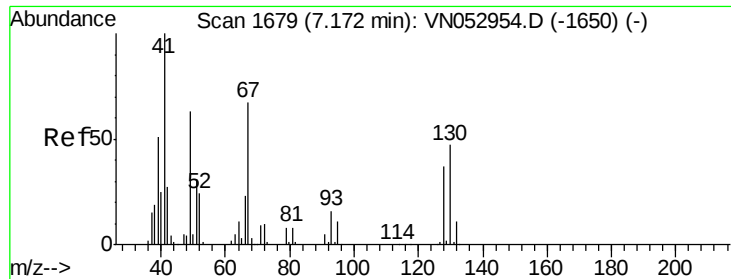
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.5	27.7



Abundance Ion 78.00 (77.70 to 78.70): VN052977.D (-1856) (-)

Ion 77.00 (76.70 to 77.70): VN052977.D (-1856) (-)





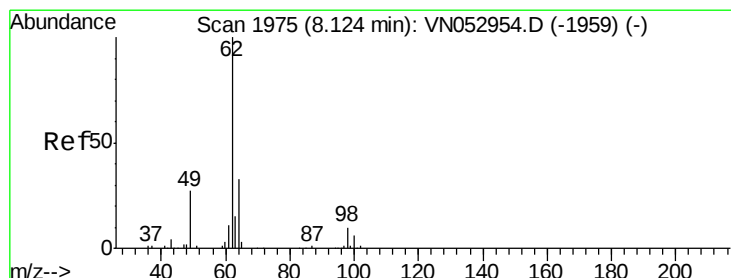
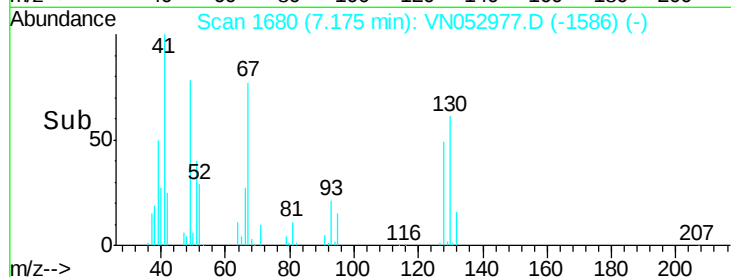
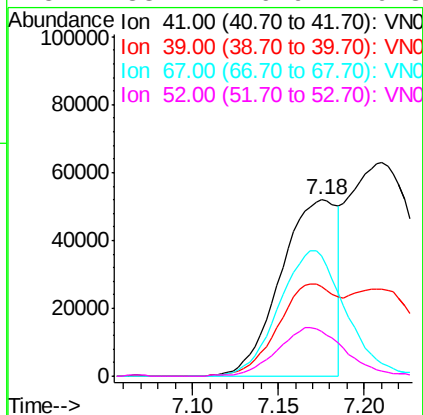
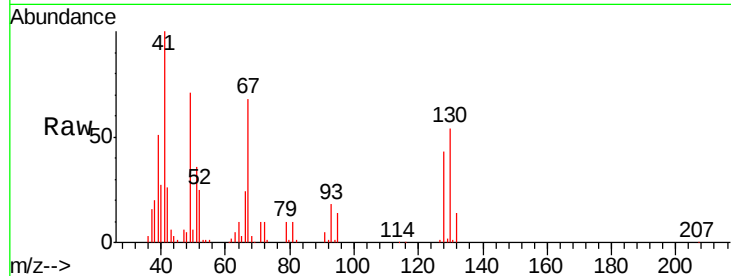
#41
Methacrylonitrile
Concen: 21.218 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.4	48.0	72.0
67	84.3	70.3	105.5
52	33.1	26.9	40.3

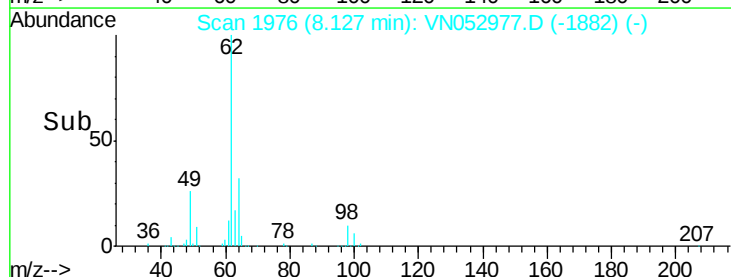
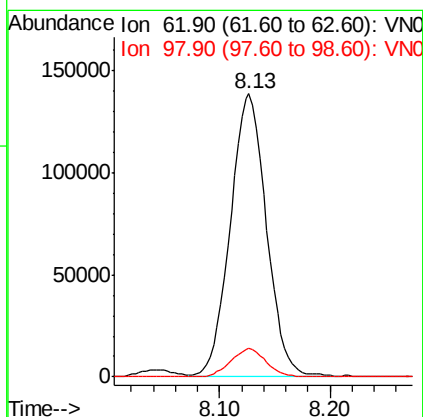
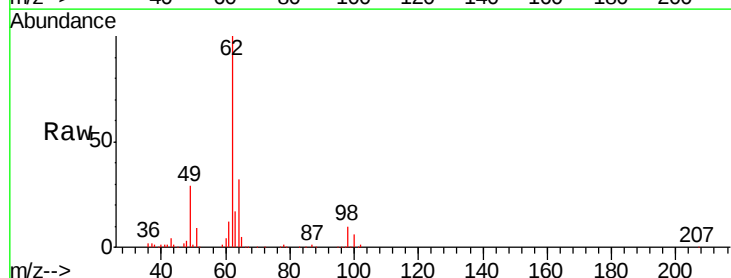
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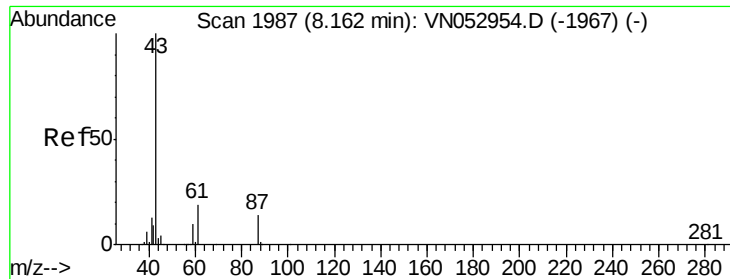
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.492 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0





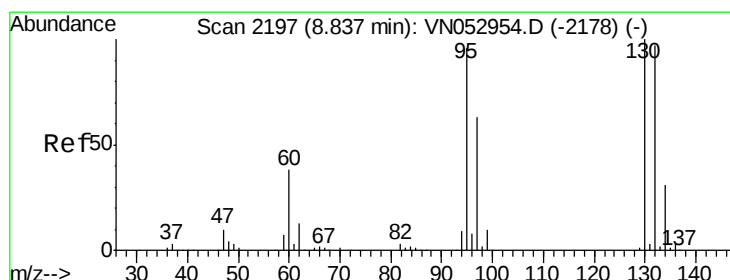
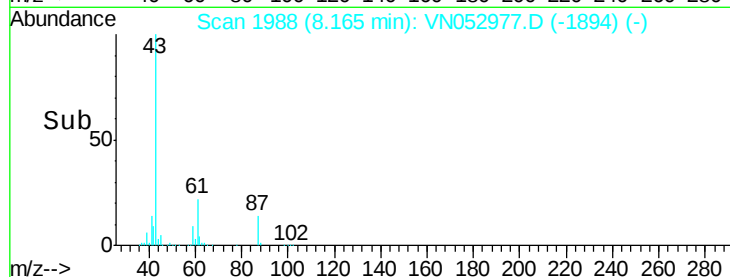
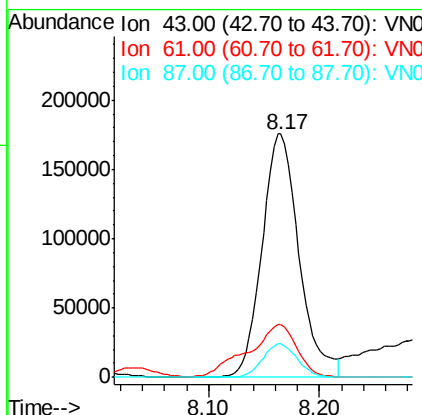
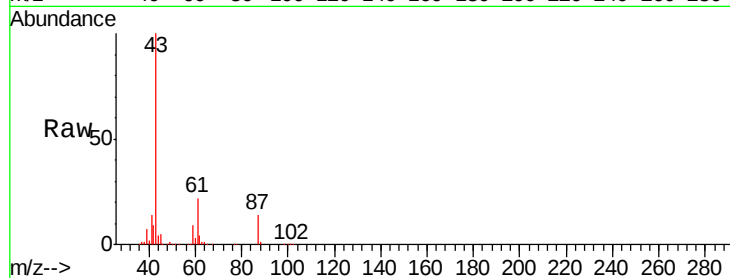
#43
Isopropyl Acetate
Concen: 21.004 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.2	22.9	34.3
87	13.1	10.6	15.8

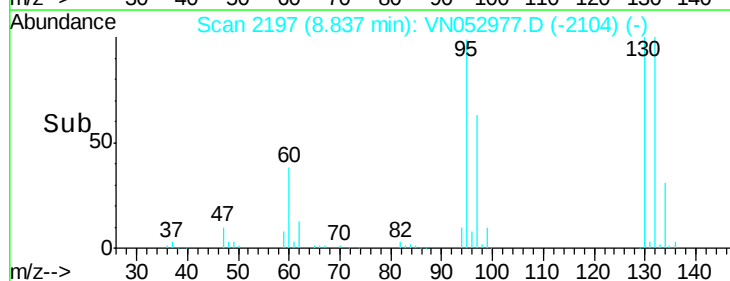
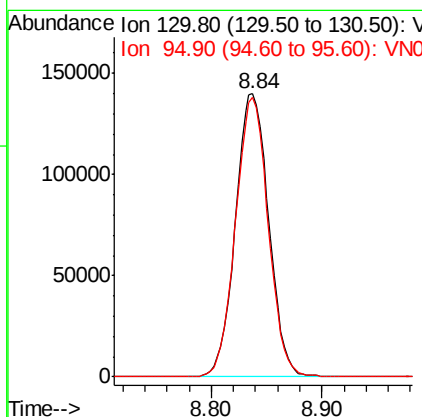
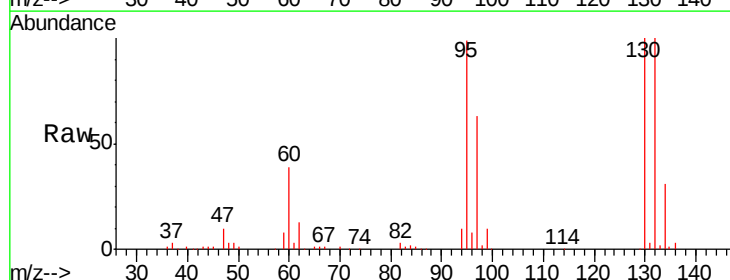
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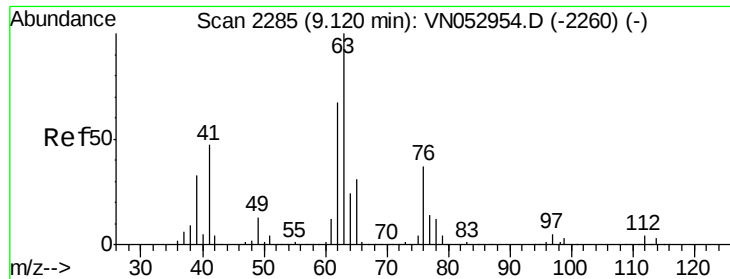
MMDadoda
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#44
Trichloroethene
Concen: 19.570 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	197.8





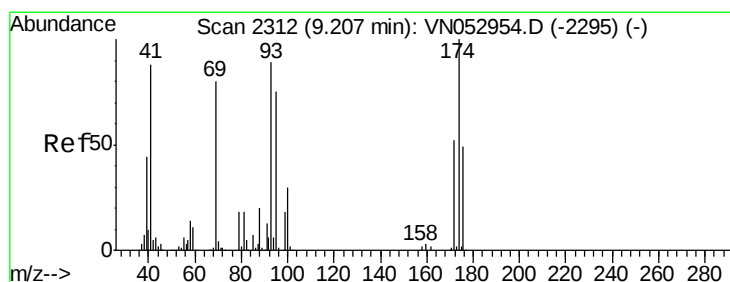
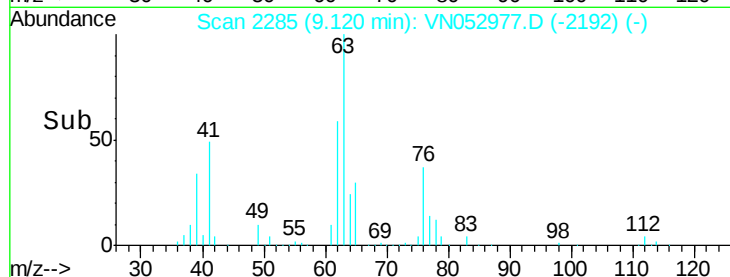
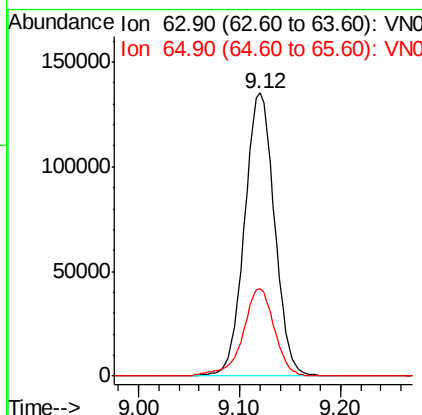
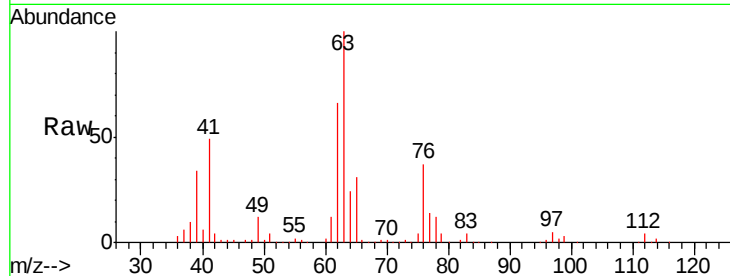
#45
 1,2-Dichloropropane
 Concen: 20.651 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBS01

Tgt Ion: 63 Resp: 277858
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0

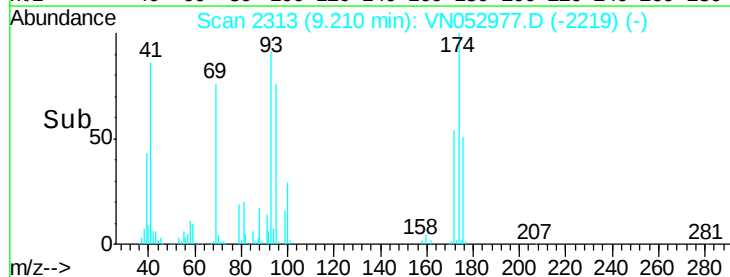
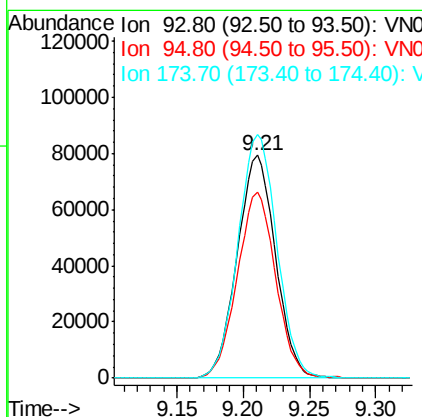
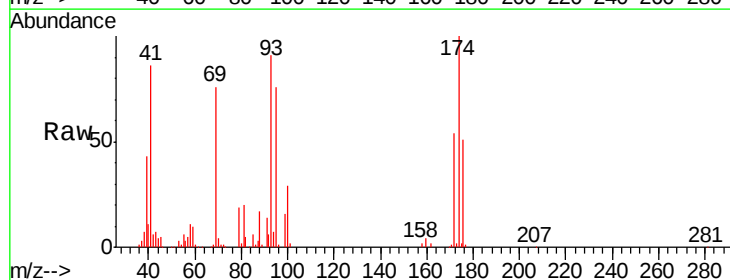
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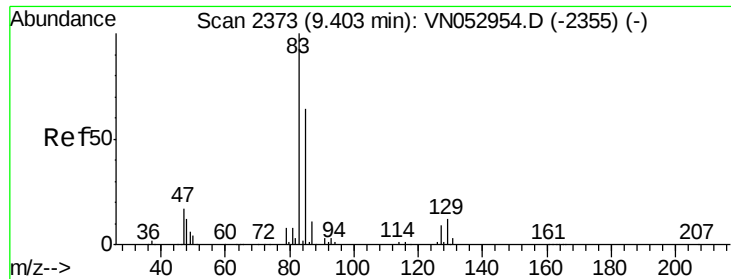
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#46
 Dibromomethane
 Concen: 20.374 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Tgt Ion: 93 Resp: 159690
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.8 101.6
 174 111.2 89.0 133.4





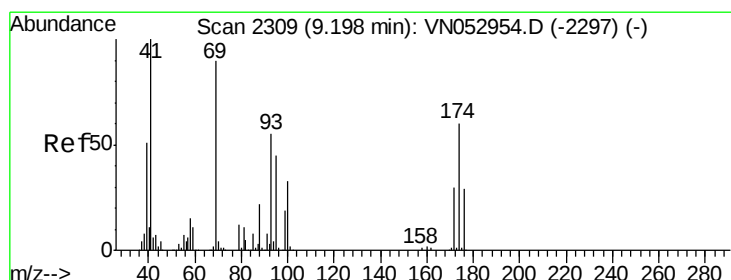
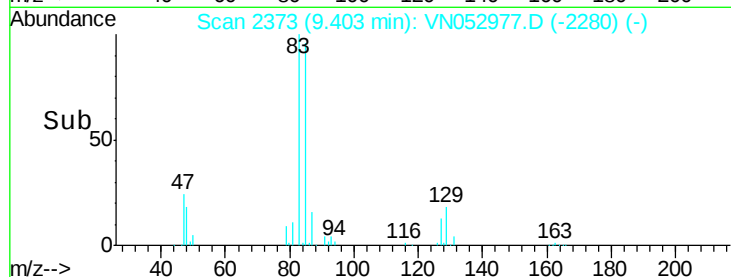
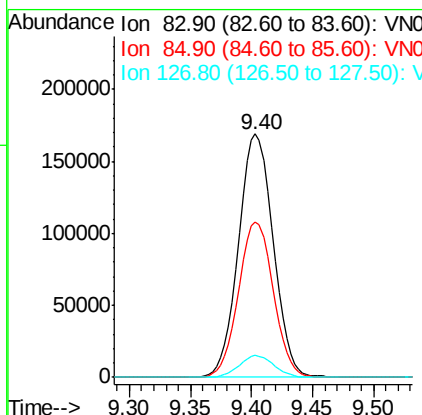
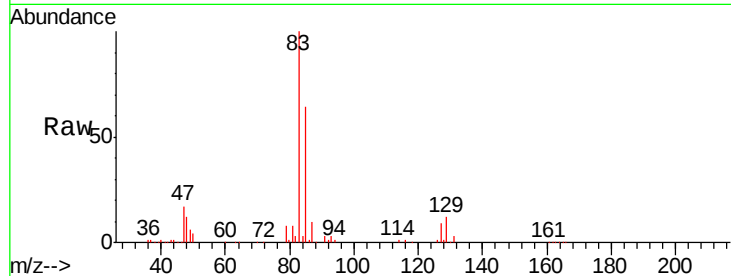
#47
Bromodichloromethane
Concen: 19.973 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.6	77.4
127	8.9	7.1	10.7

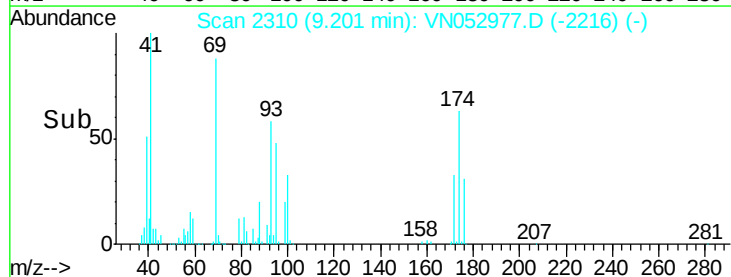
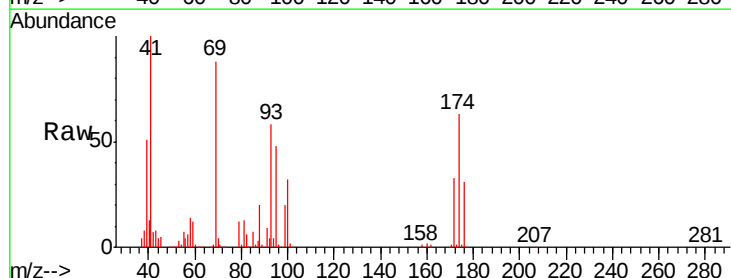
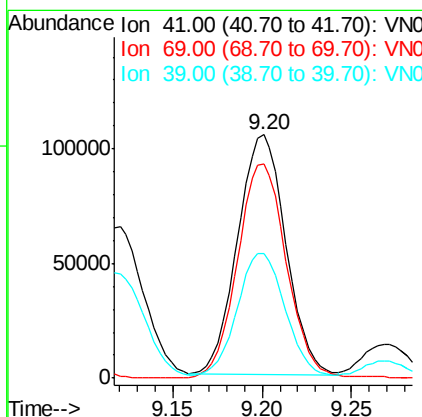
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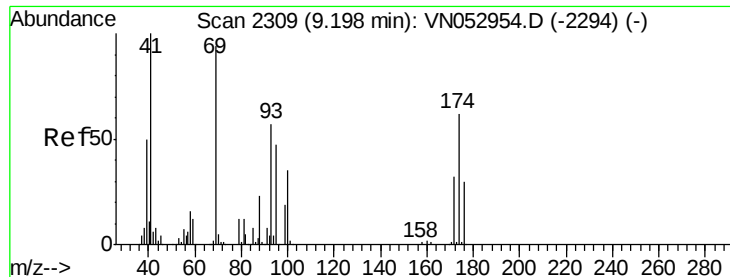
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#48
Methyl methacrylate
Concen: 20.927 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.3	72.2	108.2
39	52.8	41.9	62.9





#49

1,4-Dioxane

Concen: 374.423 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

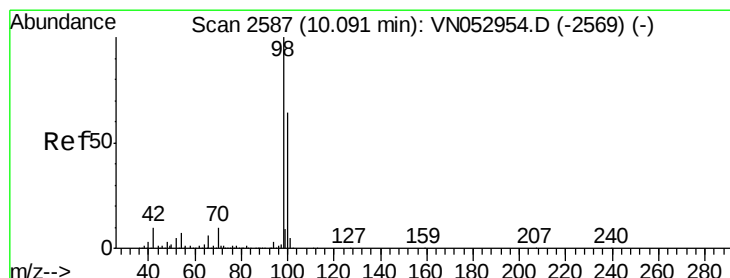
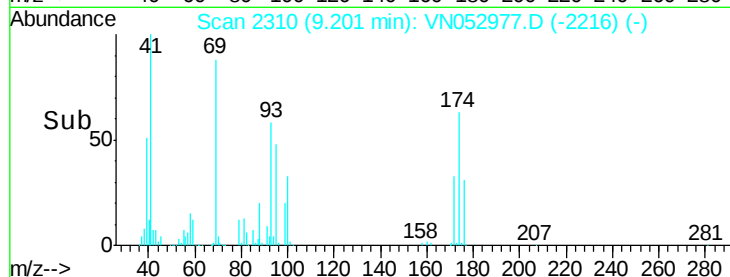
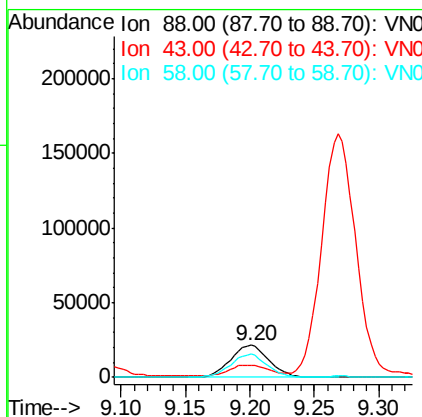
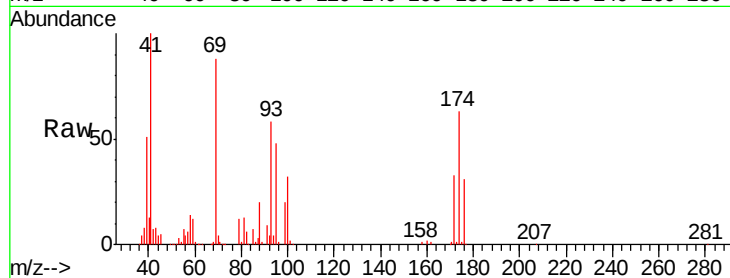
ClientSampleId :

VN1218WBS01

Tgt Ion:	88	Resp:	44556
Ion	Ratio	Lower	Upper
88	100		
43	34.5	26.6	40.0
58	69.3	58.4	87.6

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#50

Toluene-d8

Concen: 374.423 ug/l

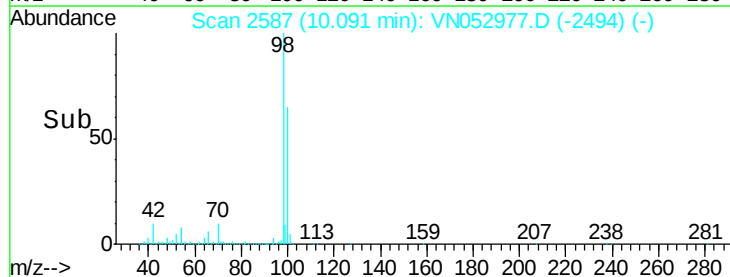
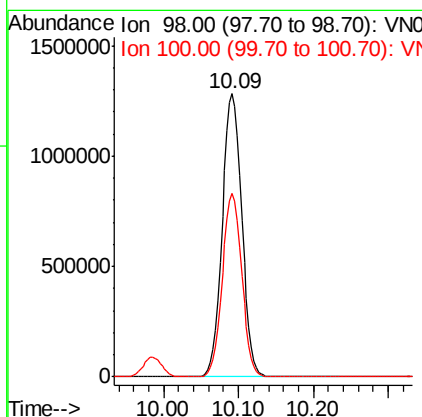
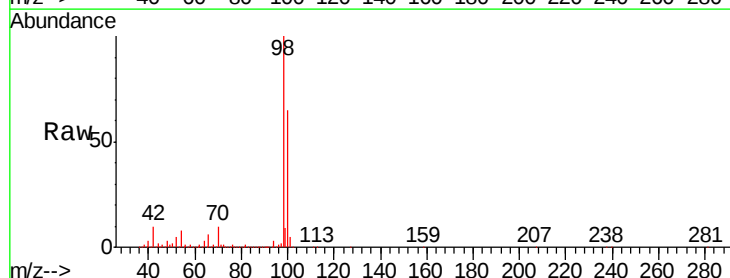
RT: 10.09 min Scan# 2587

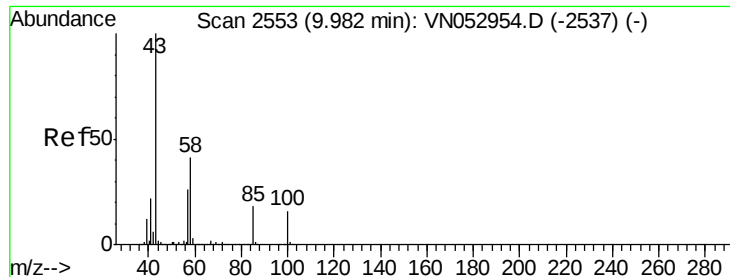
Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Tgt Ion:	98	Resp:	2310589
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





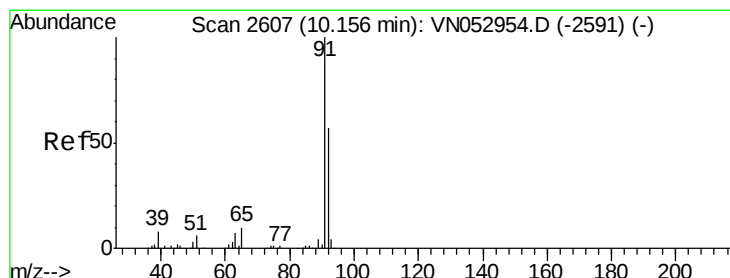
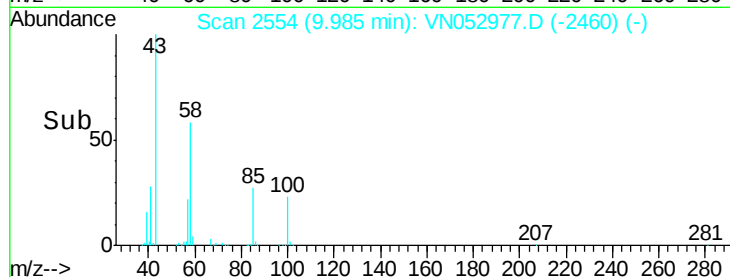
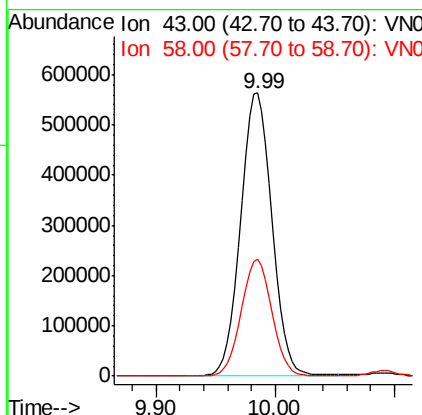
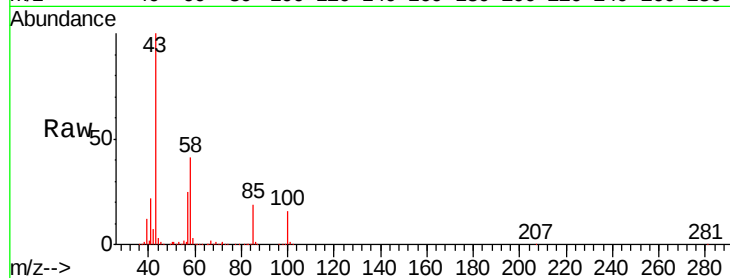
#51
4-Methyl-2-Pentanone
Concen: 109.465 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion: 43 Resp: 1027708
Ion Ratio Lower Upper
43 100
58 40.7 32.2 48.4

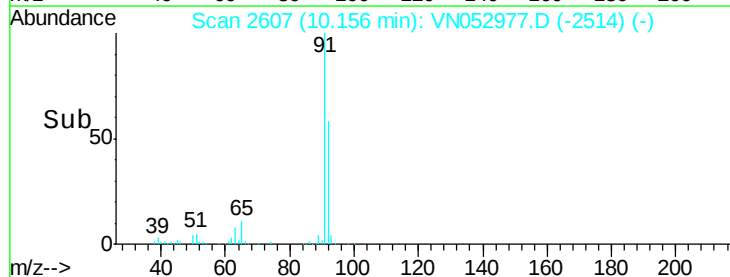
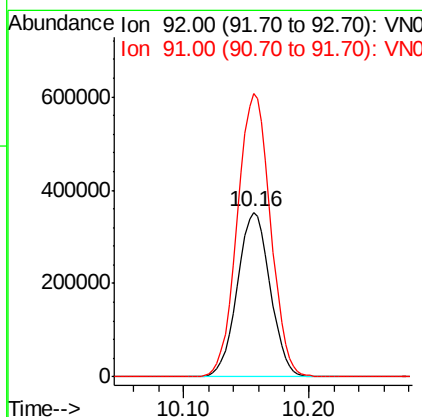
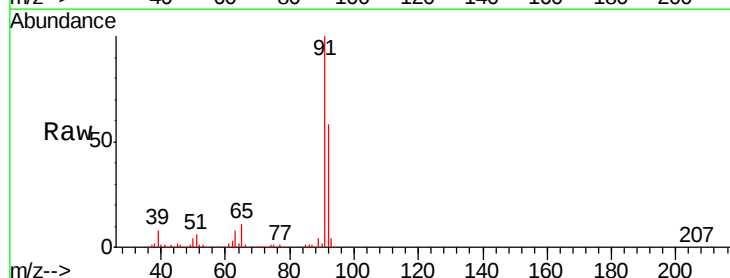
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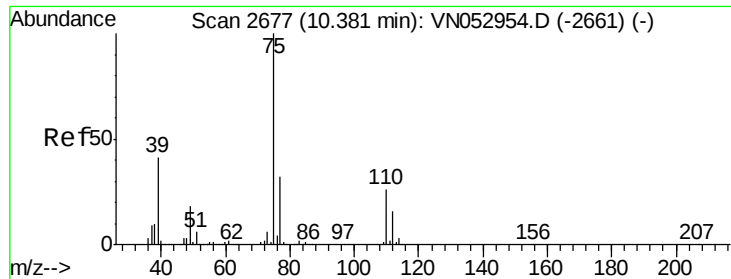
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#52
Toluene
Concen: 19.943 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion: 92 Resp: 638507
Ion Ratio Lower Upper
92 100
91 174.9 139.8 209.6





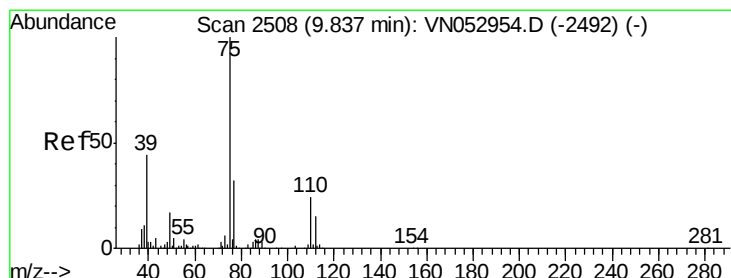
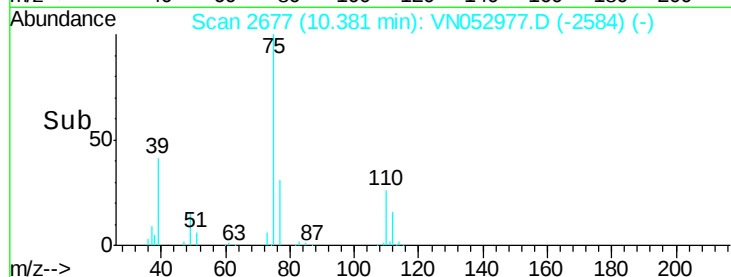
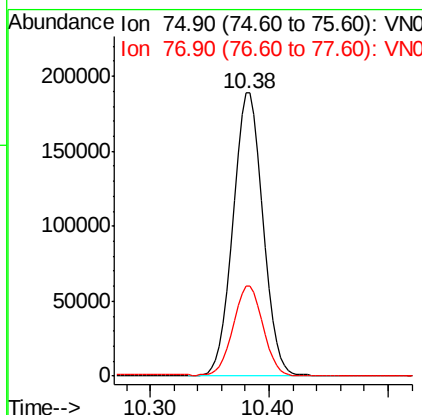
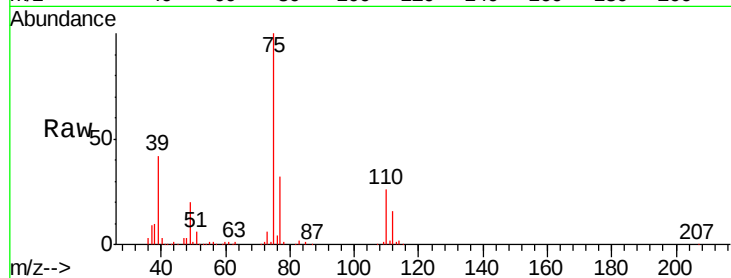
#53
 t-1,3-Dichloropropene
 Concen: 18.843 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. -0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBS01

Tgt Ion: 75 Resp: 330116
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4

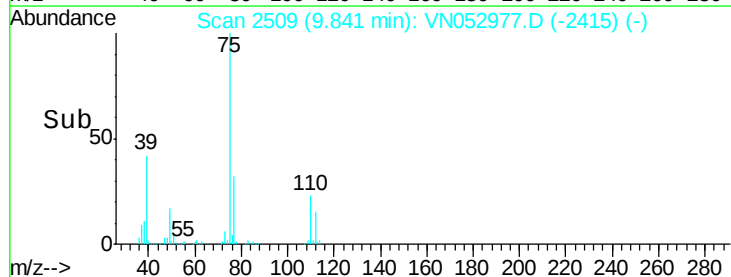
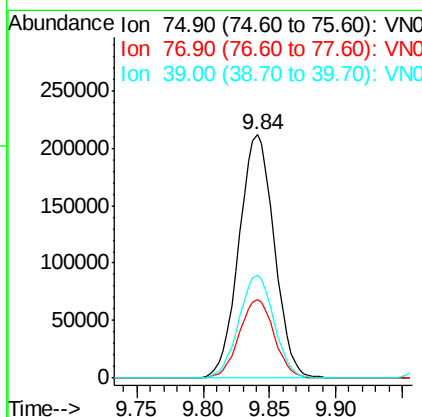
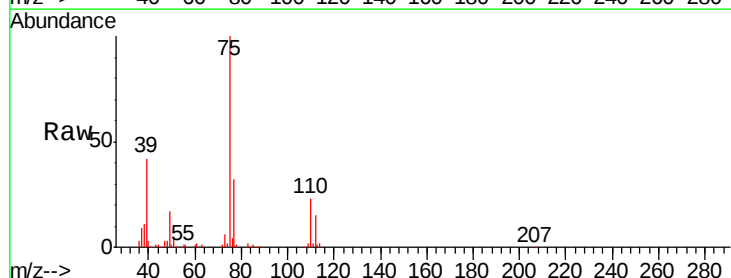
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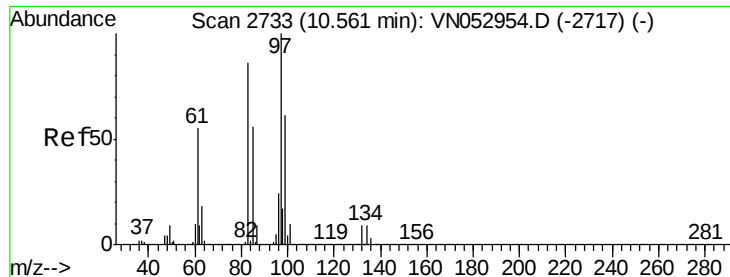
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#54
 cis-1,3-Dichloropropene
 Concen: 19.449 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Tgt Ion: 75 Resp: 391109
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.8
 39 42.2 34.8 52.2





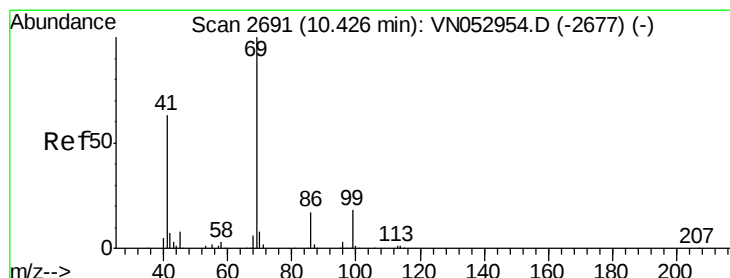
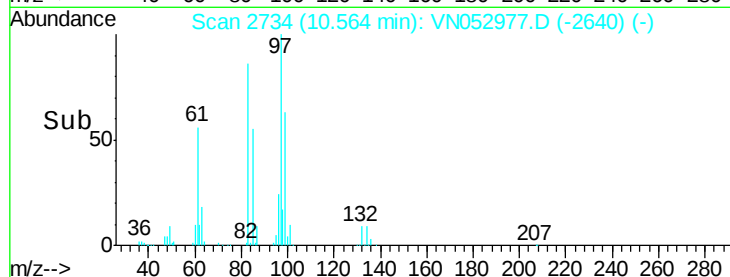
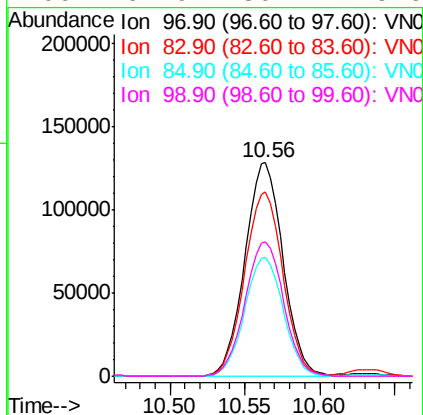
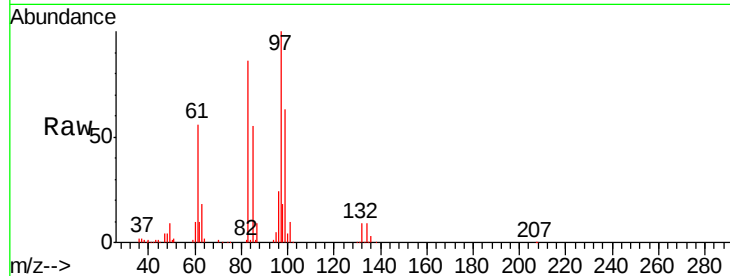
#55
 1,1,2-Trichloroethane
 Concen: 20.428 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.9	106.3
85	55.5	45.4	68.2
99	62.9	50.4	75.6

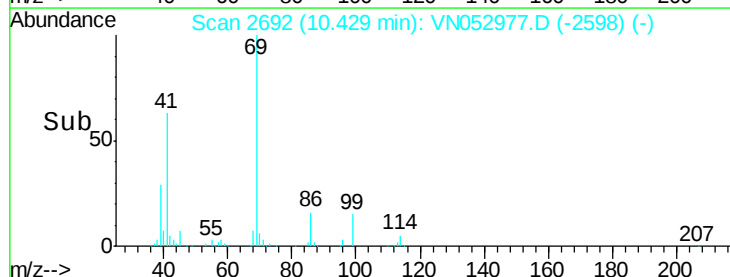
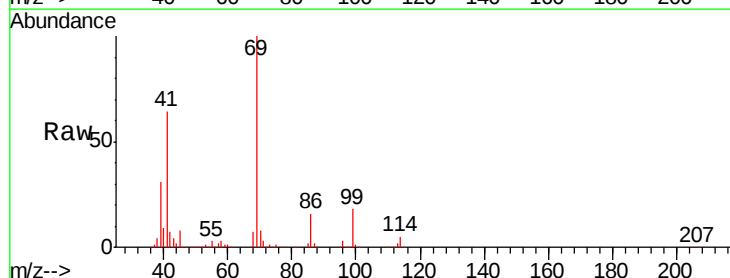
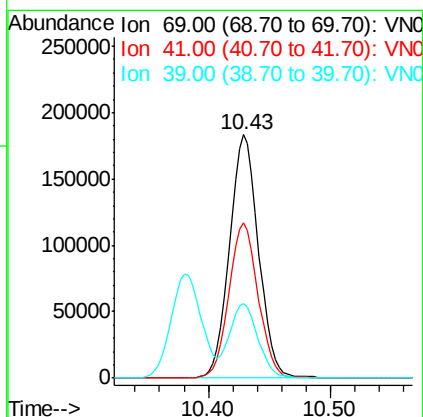
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#56
 Ethyl methacrylate
 Concen: 20.522 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.6	51.7	77.5
39	30.5	24.6	37.0





#57

1,3-Dichloropropane

Concen: 20.560 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBS01

Tgt Ion: 76 Resp: 393811

Ion Ratio Lower Upper

76 100

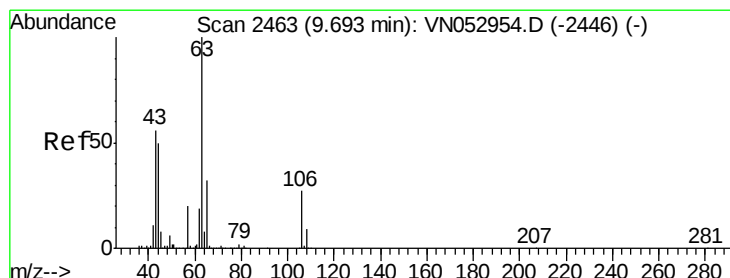
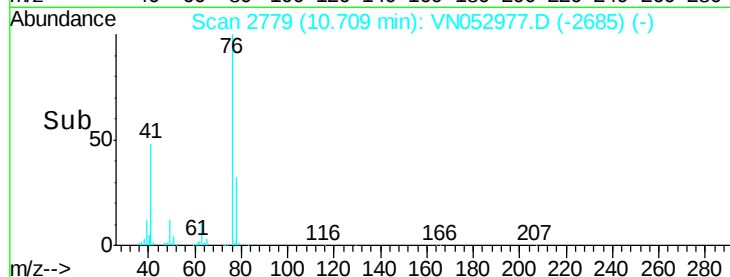
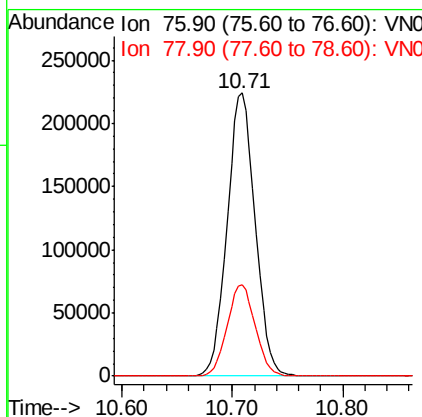
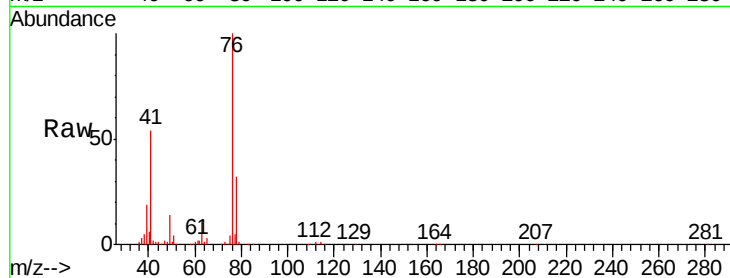
78 32.5 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 104.900 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052977.D

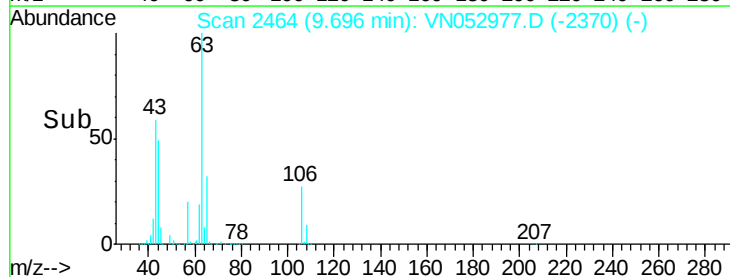
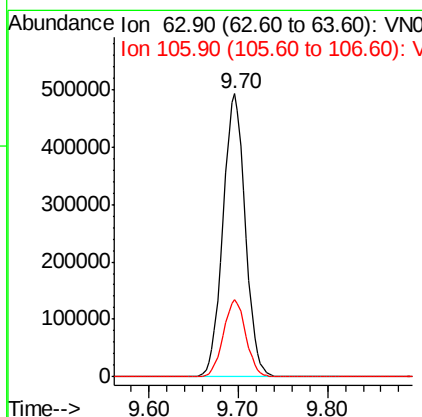
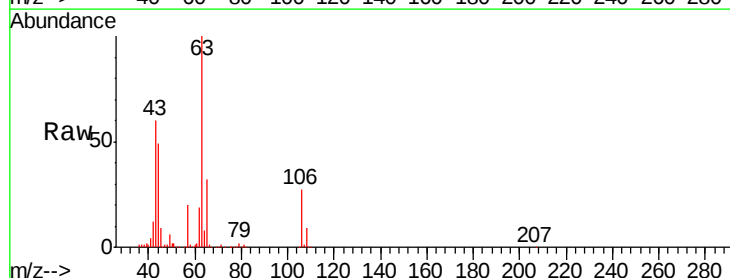
Acq: 18 Dec 2018 23:18

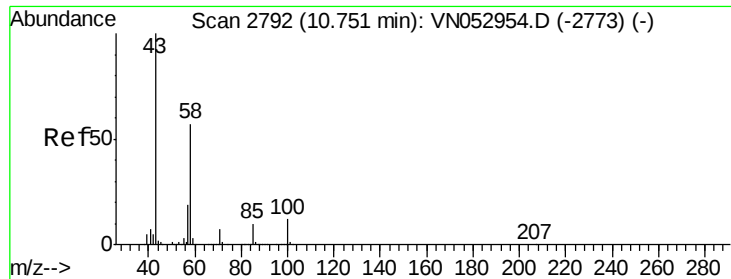
Tgt Ion: 63 Resp: 851428

Ion Ratio Lower Upper

63 100

106 27.4 21.0 31.6





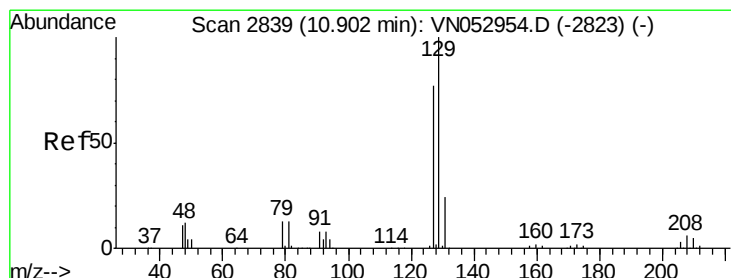
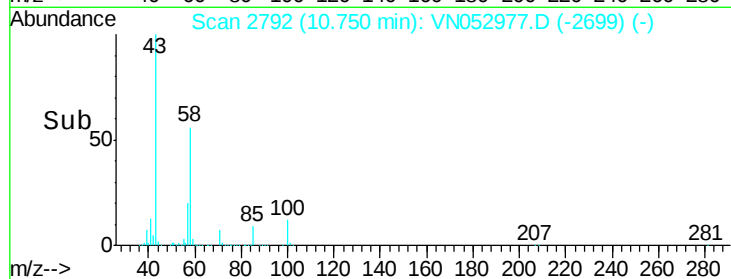
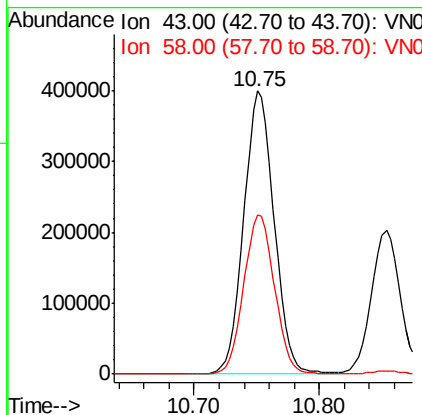
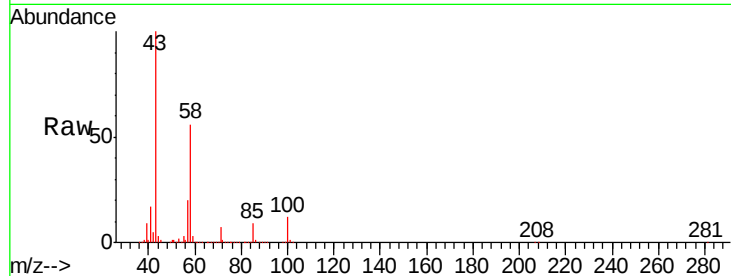
#59
2-Hexanone
Concen: 105.410 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion: 43 Resp: 669572
Ion Ratio Lower Upper
43 100
58 57.4 28.1 84.3

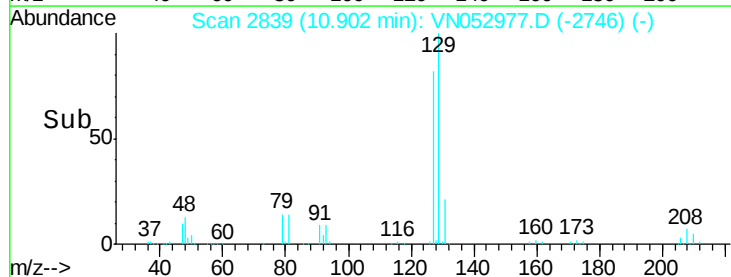
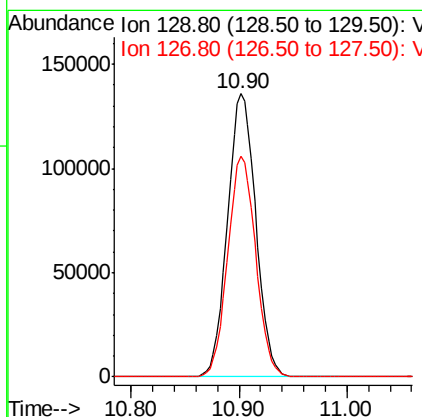
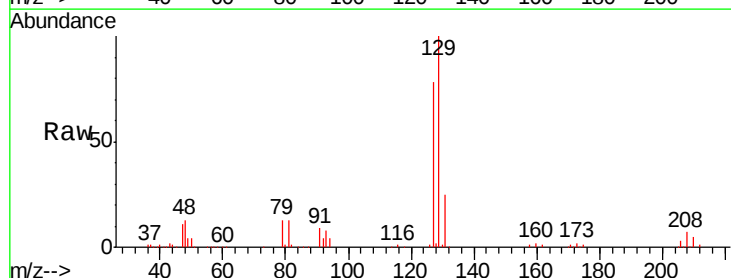
Manual Integrations
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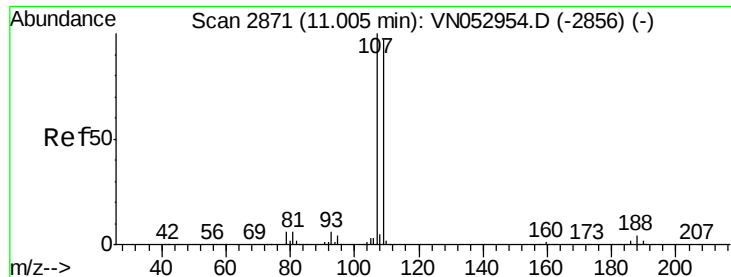
MMDadoda
12/19/2018 12:07:38 PM



#60
Dibromochloromethane
Concen: 19.454 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion: 129 Resp: 248741
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.951 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBS01

Tgt Ion: 107 Resp: 226325

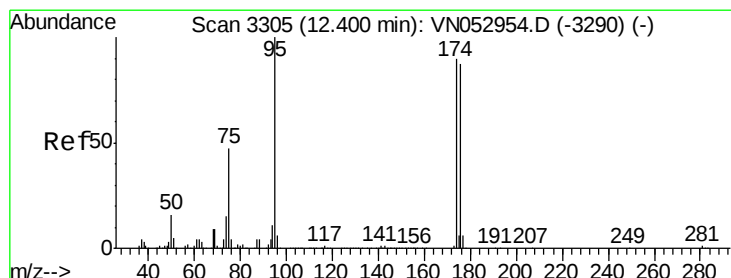
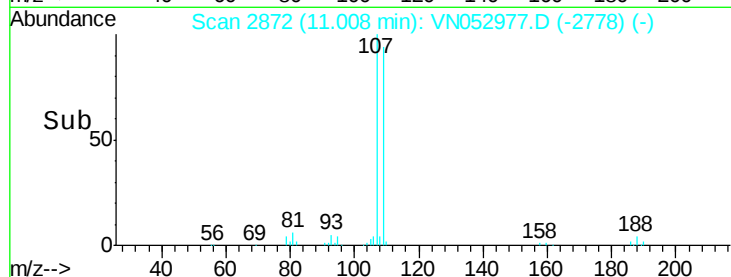
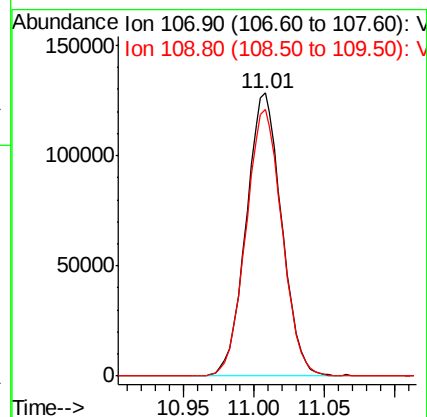
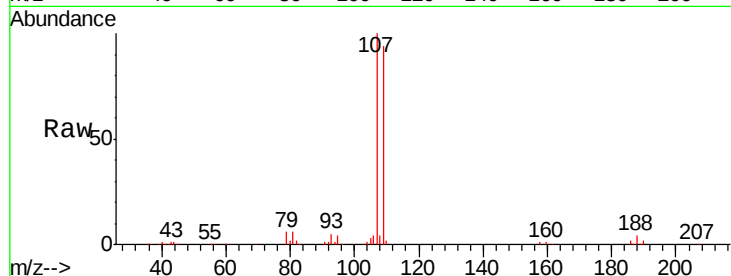
Ion Ratio Lower Upper

107 100

109 95.8 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 19.951 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

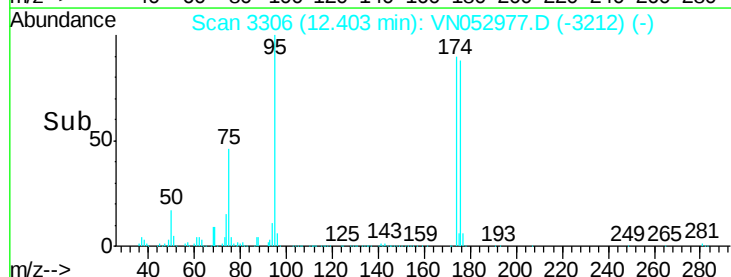
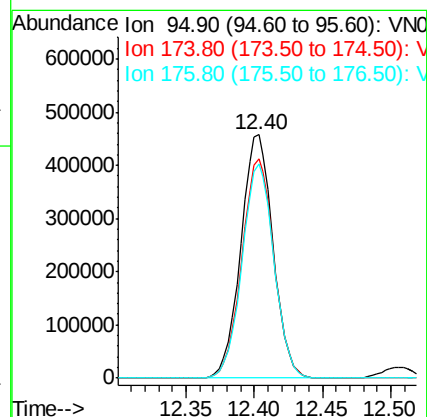
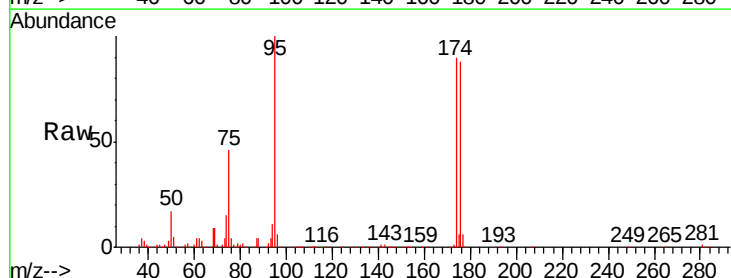
Tgt Ion: 95 Resp: 746975

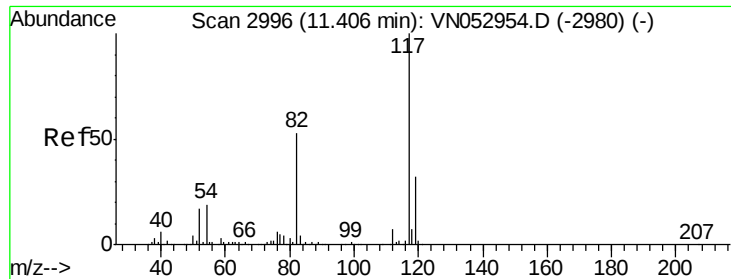
Ion Ratio Lower Upper

95 100

174 89.7 0.0 178.8

176 87.3 0.0 173.8





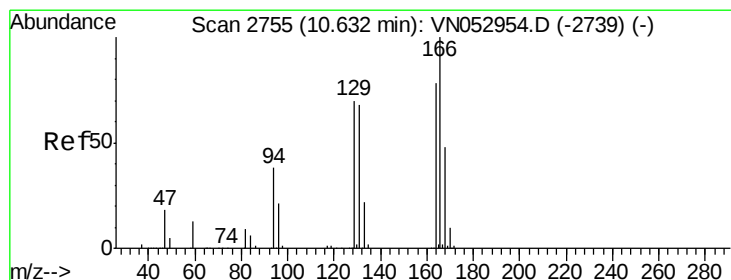
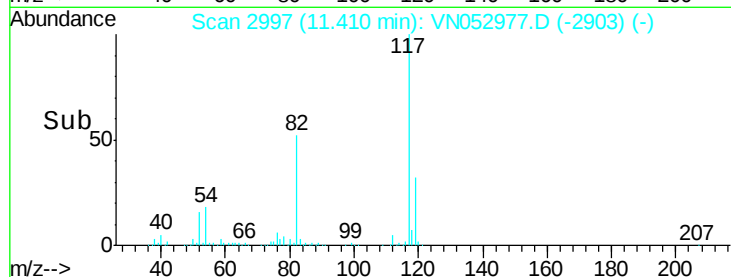
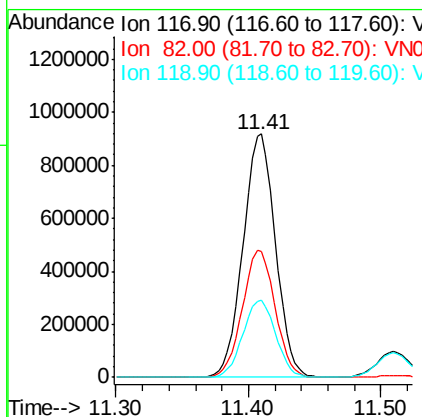
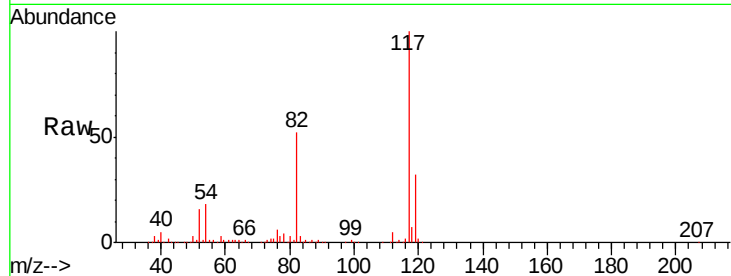
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion:117 Resp: 1560783
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 31.5 25.5 38.3

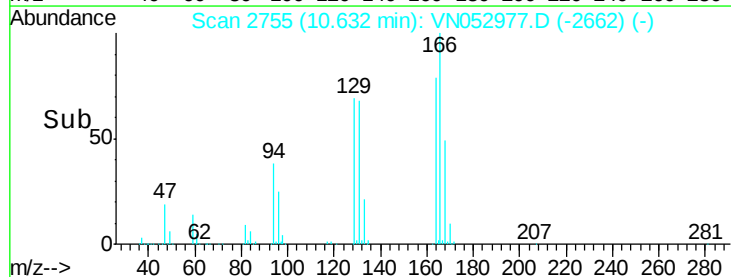
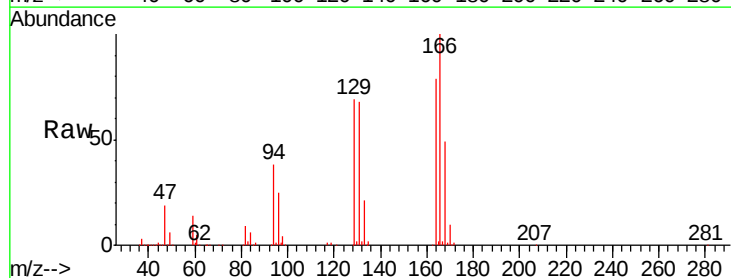
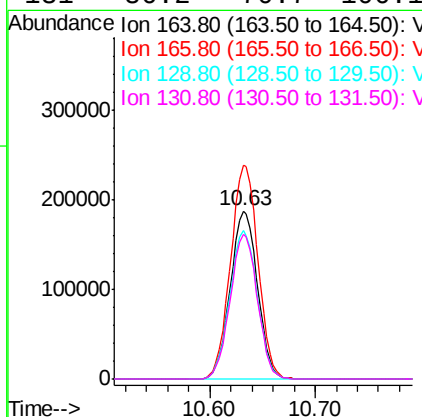
Manual Integrations
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#64
Tetrachloroethene
Concen: 19.717 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion:164 Resp: 333348
Ion Ratio Lower Upper
164 100
166 127.2 102.9 154.3
129 88.3 73.7 110.5
131 86.2 70.7 106.1





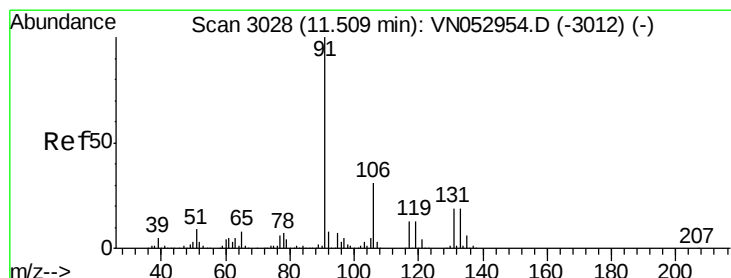
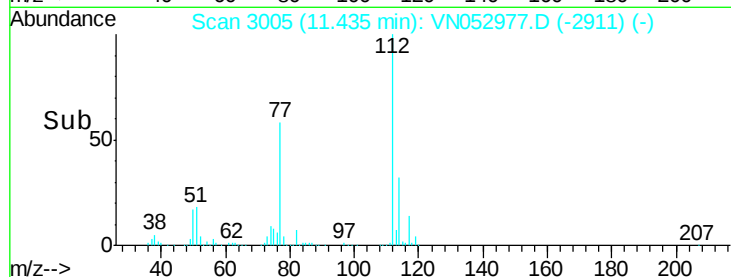
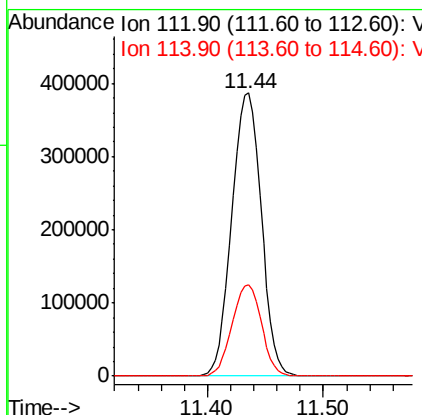
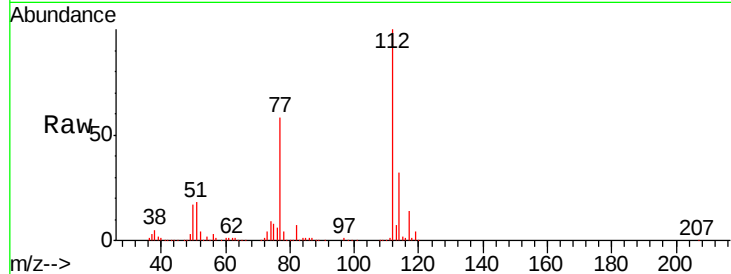
#65
Chlorobenzene
Concen: 19.655 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion:112 Resp: 680016
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

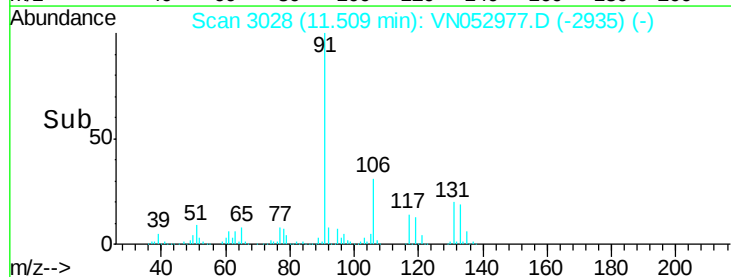
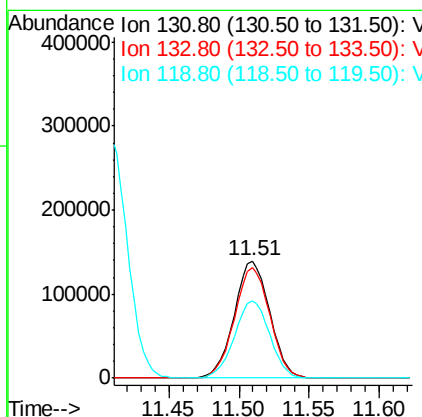
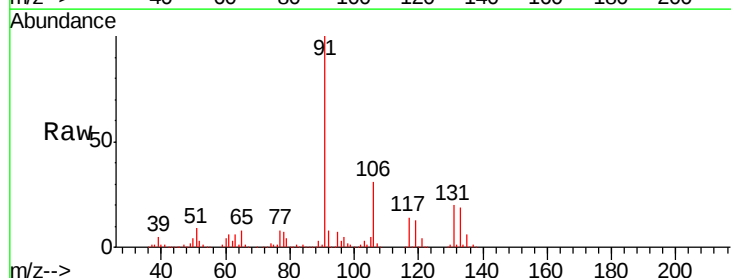
Manual Integrations
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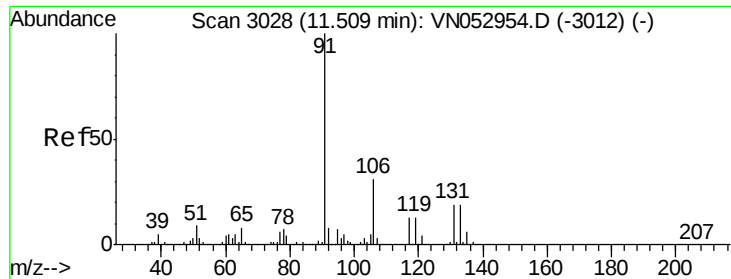
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.371 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion:131 Resp: 245087
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 66.0 33.3 99.8





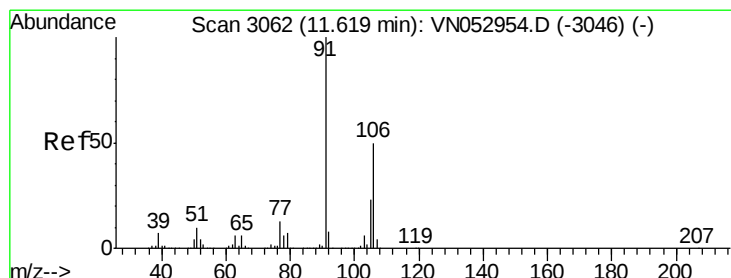
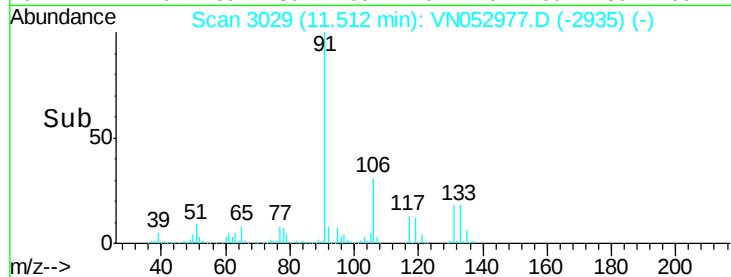
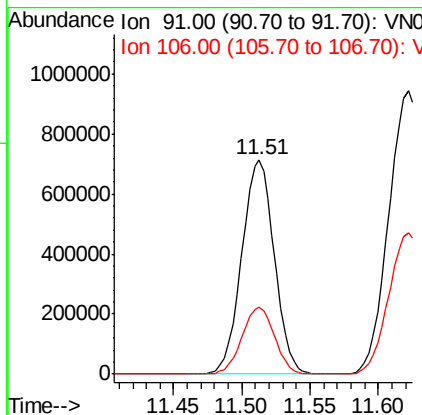
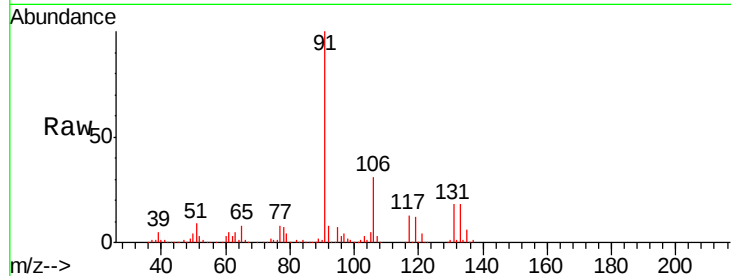
#67
Ethyl Benzene
Concen: 19.821 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion: 91 Resp: 1179366
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

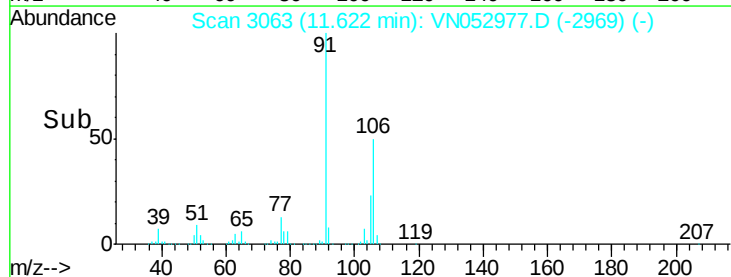
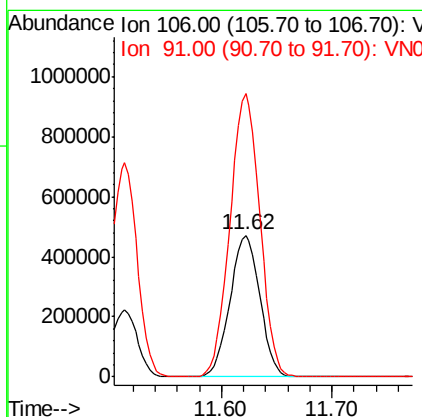
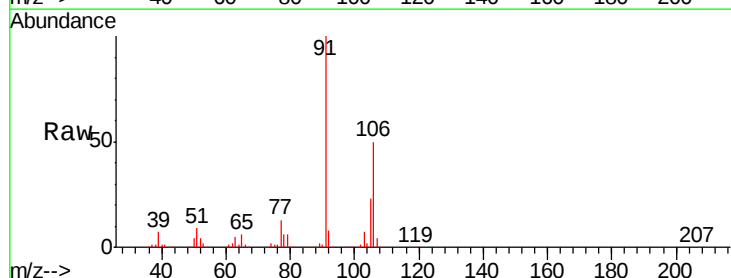
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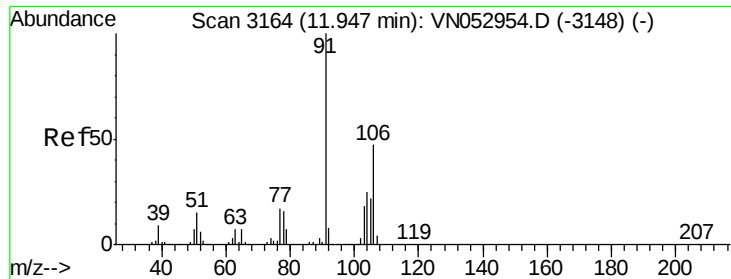
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#68
m/p-Xylenes
Concen: 39.041 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion: 106 Resp: 883068
Ion Ratio Lower Upper
106 100
91 201.0 162.2 243.4





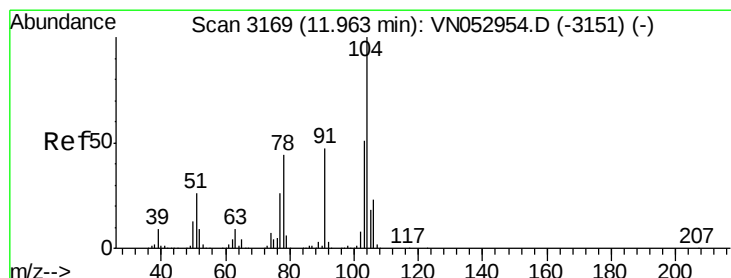
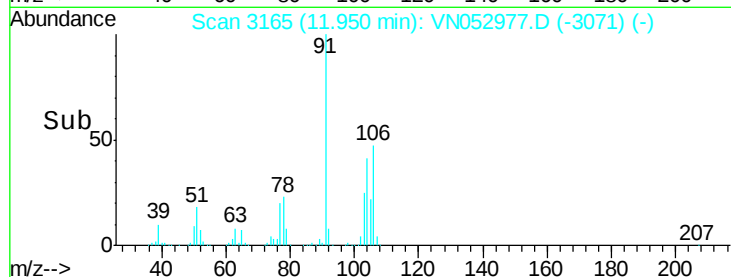
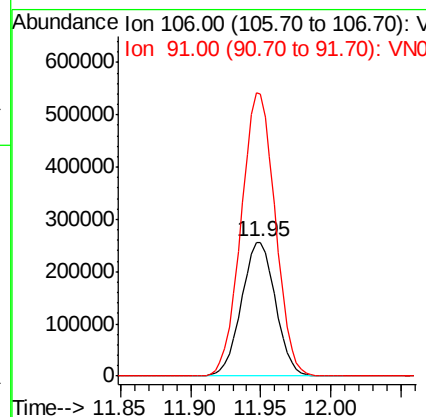
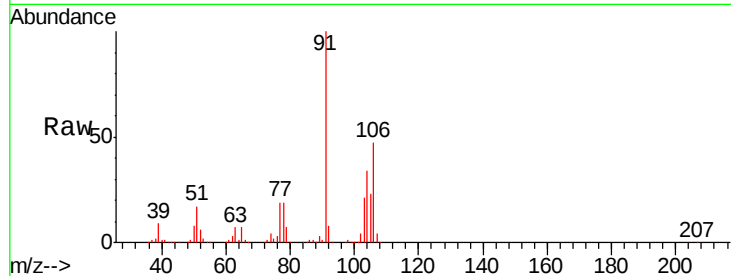
#69
o-Xylene
Concen: 19.984 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion:106 Resp: 433748
Ion Ratio Lower Upper
106 100
91 211.6 106.6 319.8

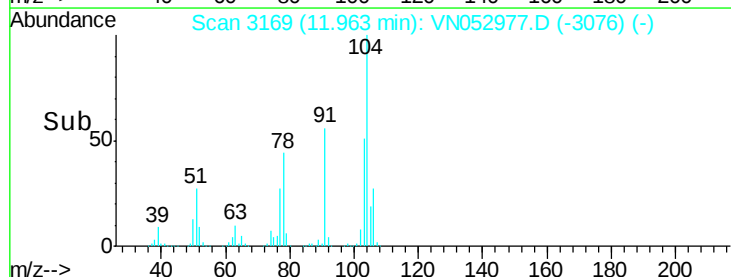
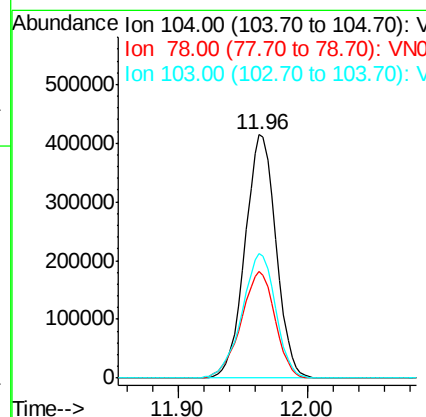
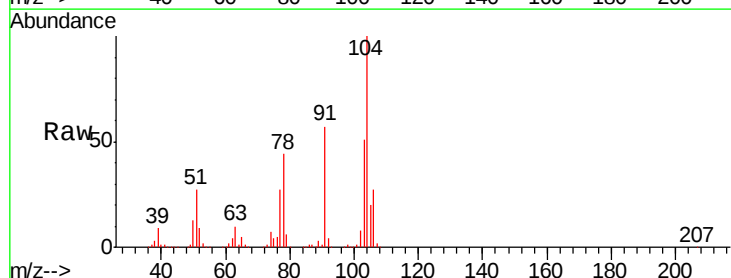
Manual Integrations
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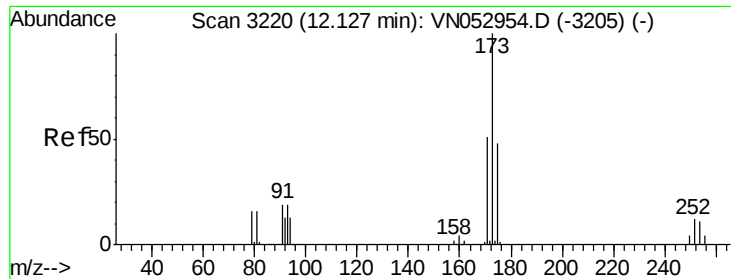
MMDadoda
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#70
Styrene
Concen: 19.589 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion:104 Resp: 693300
Ion Ratio Lower Upper
104 100
78 48.0 38.9 58.3
103 55.5 44.3 66.5





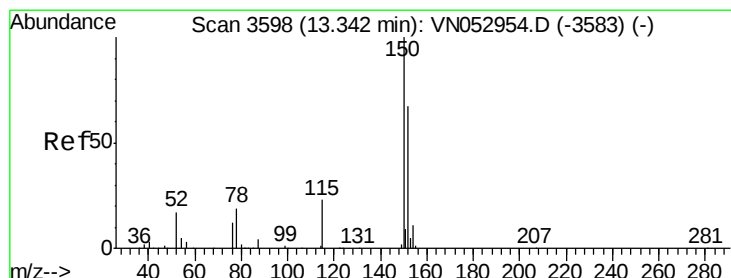
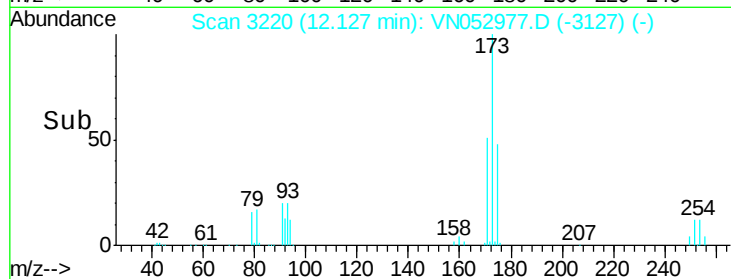
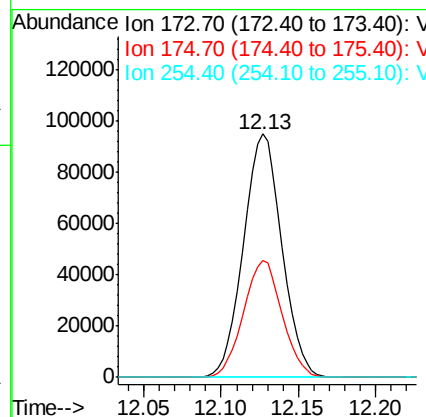
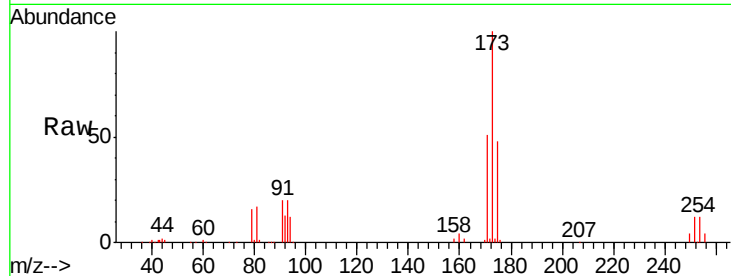
#71
Bromoform
Concen: 18.841 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.9
254	0.0	0.1	0.1#

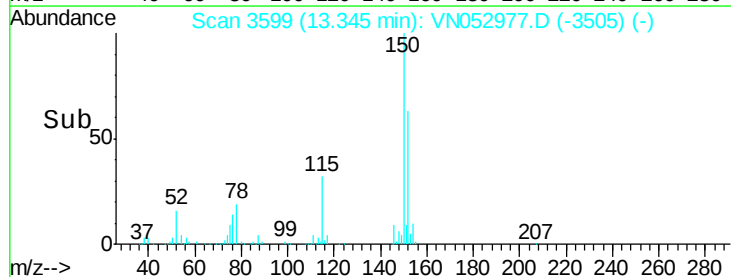
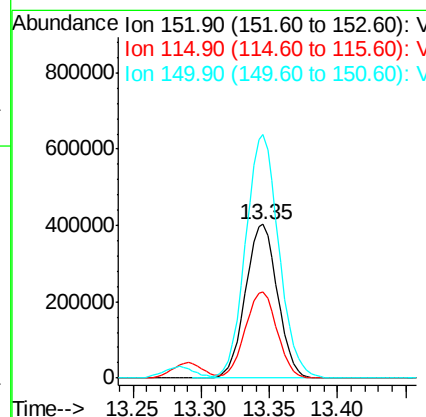
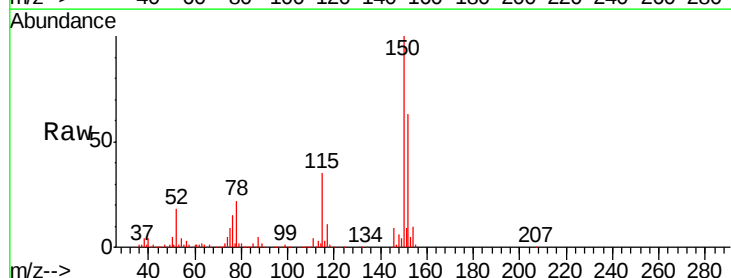
Manual Integrations
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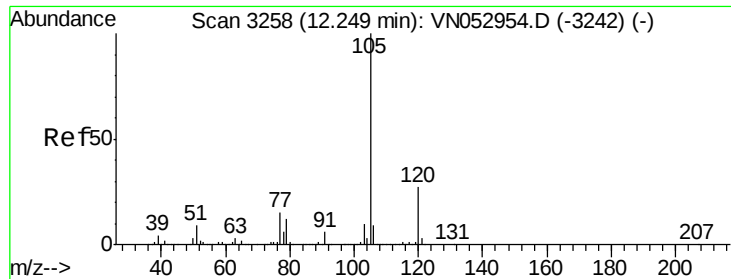
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.3	85.0
150	164.1	0.0	347.8





#73

Isopropylbenzene

Concen: 22.119 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBS01

Tgt Ion: 105 Resp: 1136196

Ion Ratio Lower Upper

105 100

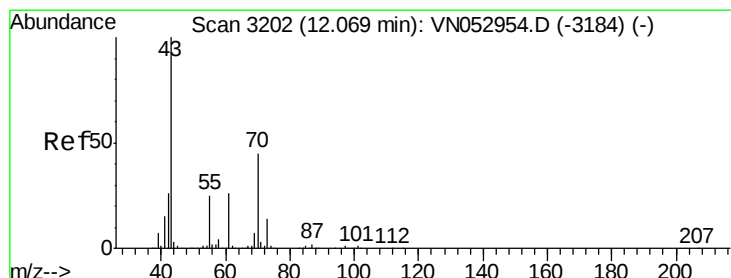
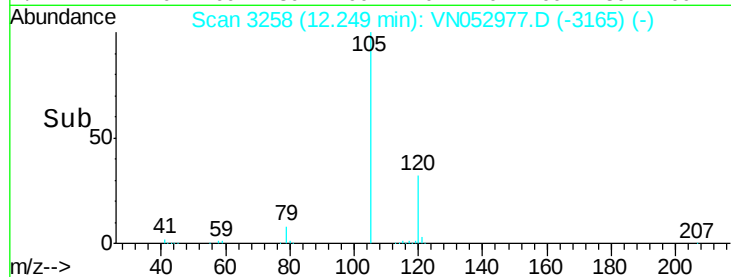
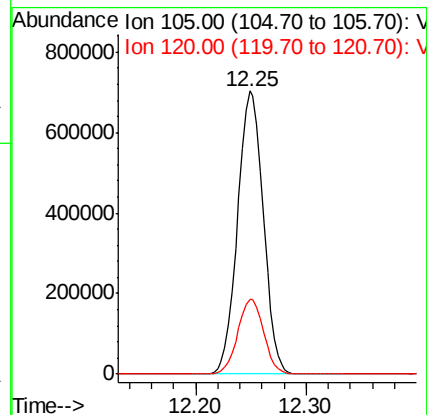
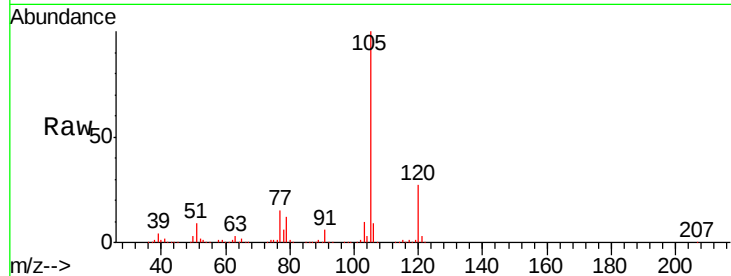
120 26.6 13.3 39.9

Manual Integrations

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12/19/2018 12:07:38 PM



#74

N-ethyl acetate

Concen: 22.899 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Tgt Ion: 43 Resp: 326571

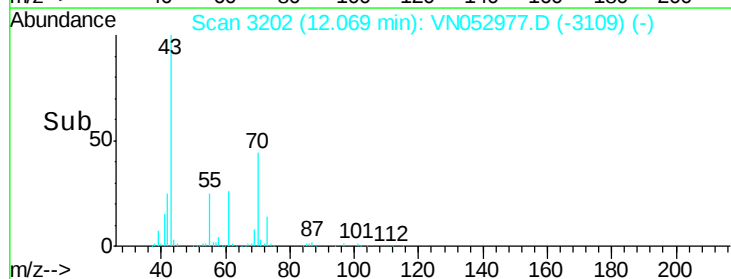
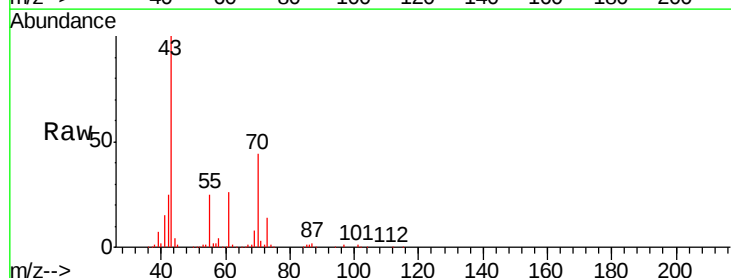
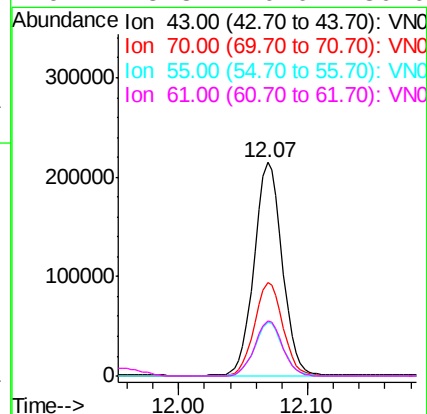
Ion Ratio Lower Upper

43 100

70 44.9 34.2 51.4

55 25.1 20.3 30.5

61 25.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.267 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBS01

Tgt Ion: 83 Resp: 234466
Ion Ratio Lower Upper

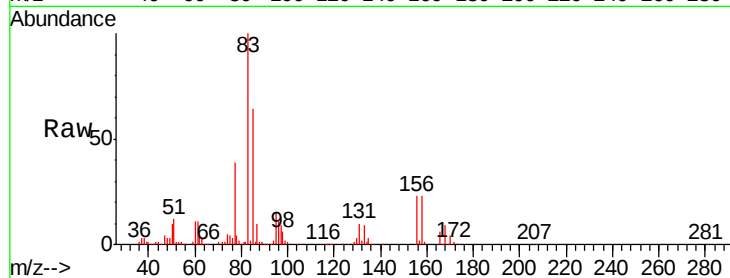
83 100

131 10.4 5.2 15.6

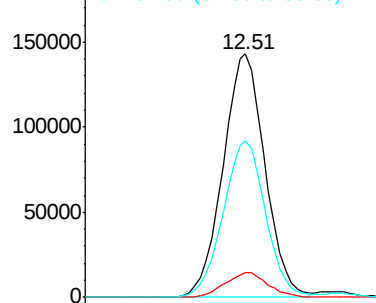
85 65.1 32.4 97.0

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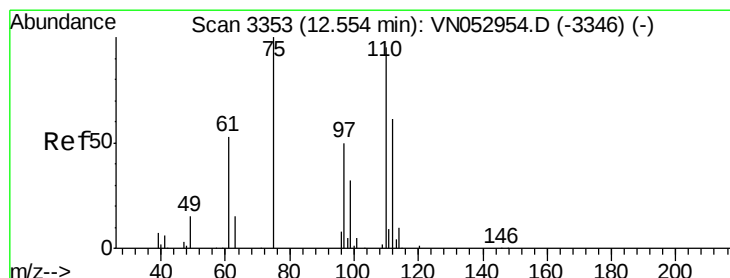
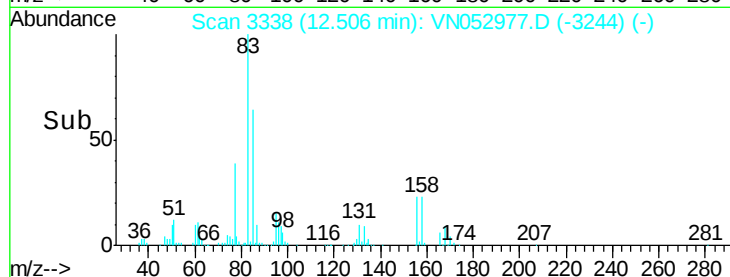
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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): VN0
Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 19.926 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

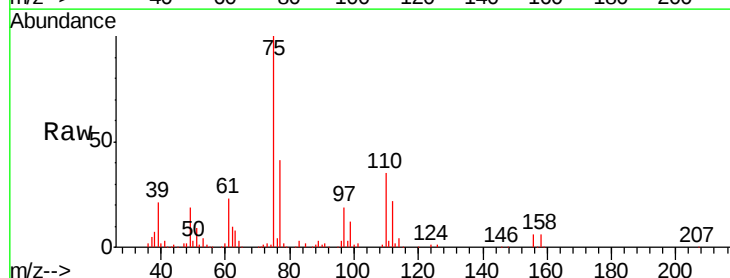
Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

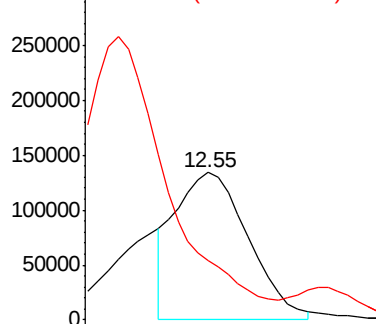
Tgt Ion: 75 Resp: 220220
Ion Ratio Lower Upper

75 100

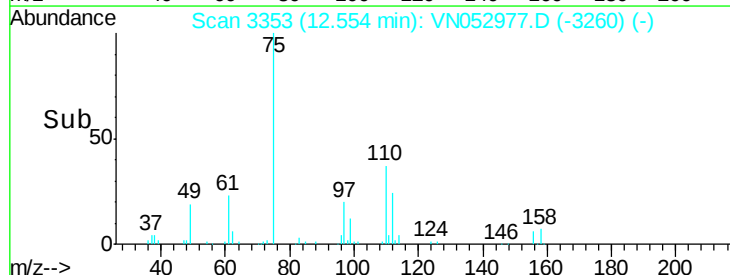
77 0.0 0.0 0.0

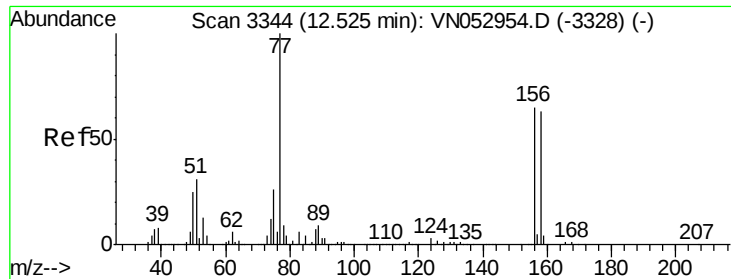


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0



Time-->





#77

Bromobenzene

Concen: 21.332 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

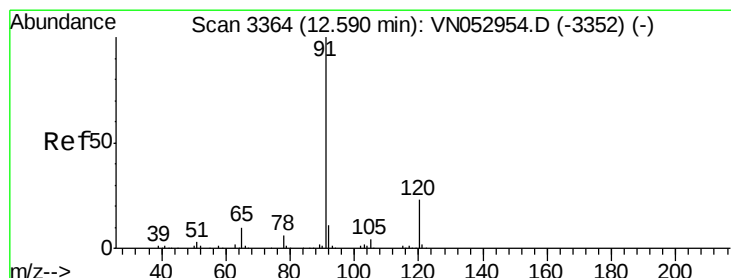
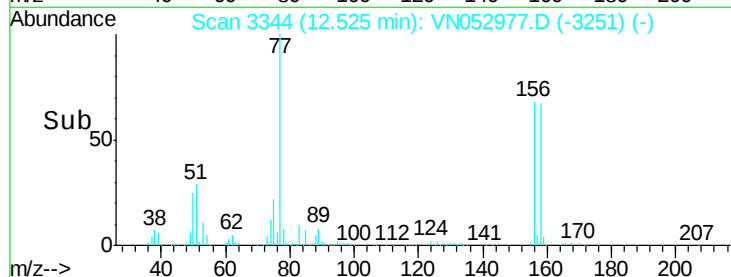
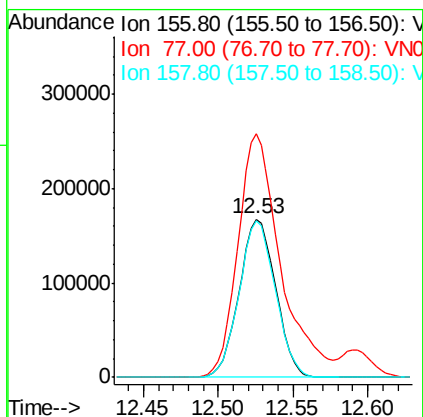
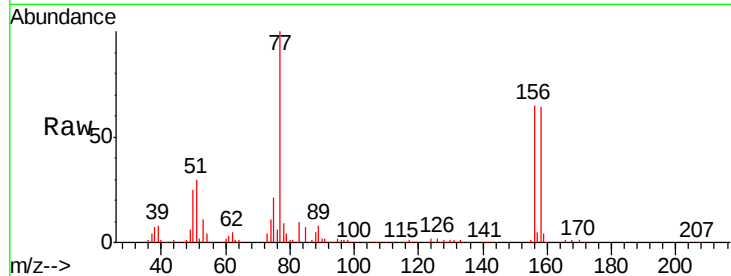
ClientSampleId :

VN1218WBS01

Tgt Ion:	156	Resp:	284833
Ion Ratio	Lower	Upper	
156	100		
77	179.7	91.3	273.8
158	98.2	49.0	147.2

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#78

n-propylbenzene

Concen: 21.202 ug/l

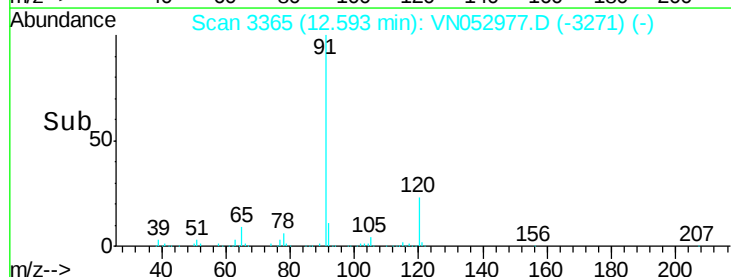
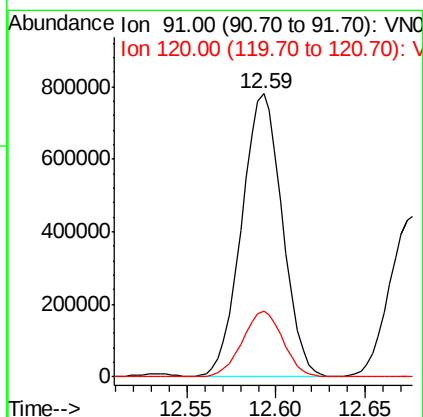
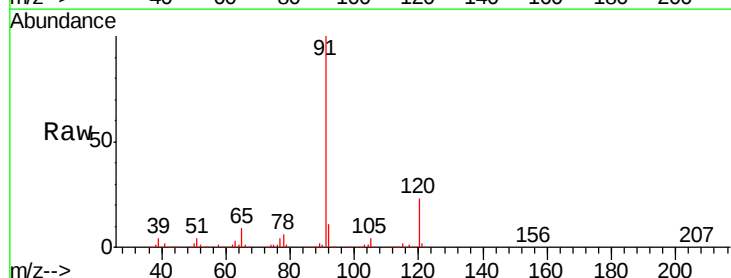
RT: 12.59 min Scan# 3365

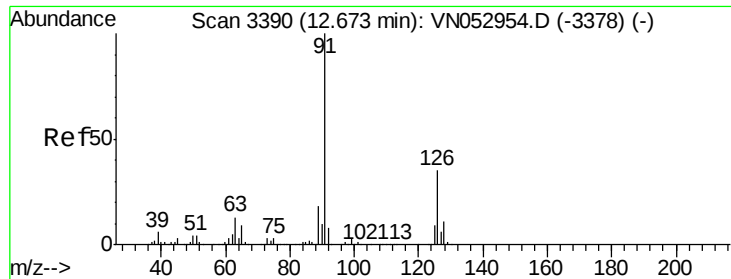
Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Tgt Ion:	91	Resp:	1240342
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.5





#79

2-Chlorotoluene

Concen: 20.305 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBS01

Tgt Ion: 91 Resp: 736325

Ion Ratio Lower Upper

91 100

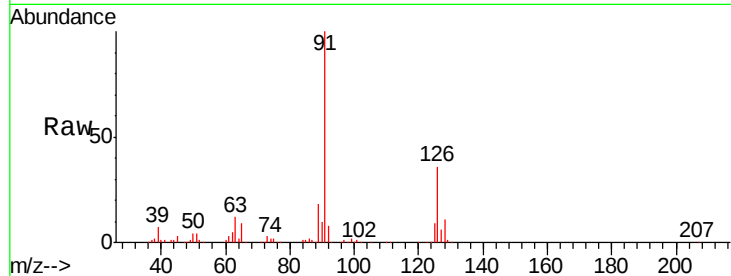
126 35.4 17.4 52.3

Manual Integrations

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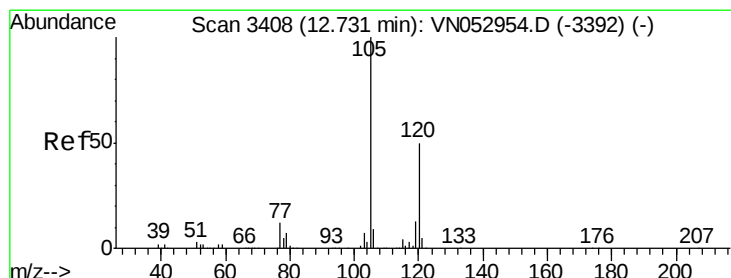
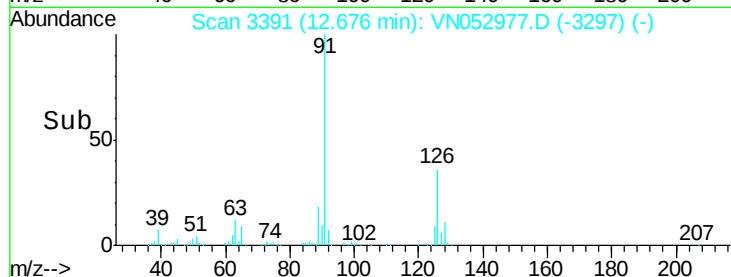
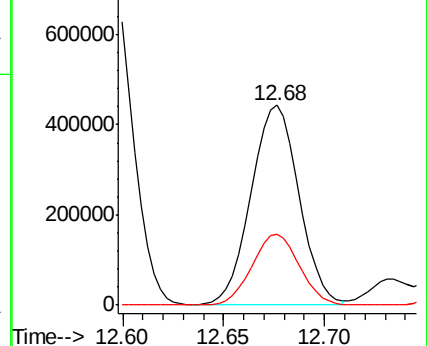
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Abundance Ion 91.00 (90.70 to 91.70): VN052977.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN052977.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.835 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052977.D

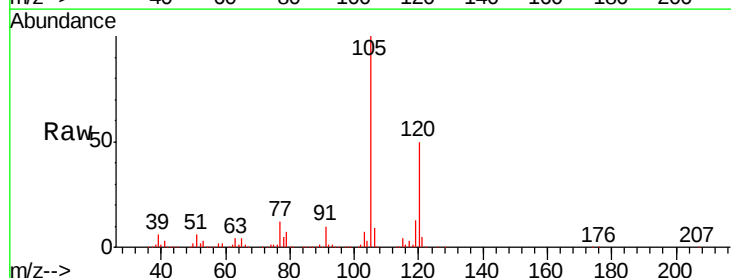
Acq: 18 Dec 2018 23:18

Tgt Ion: 105 Resp: 872340

Ion Ratio Lower Upper

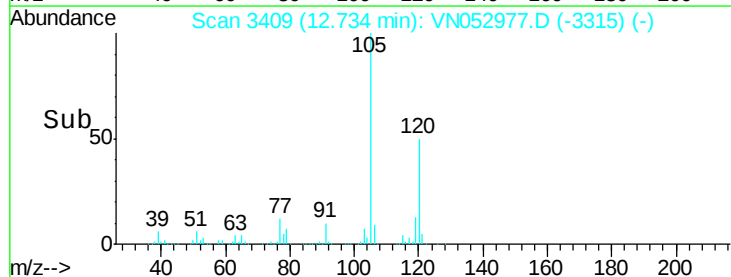
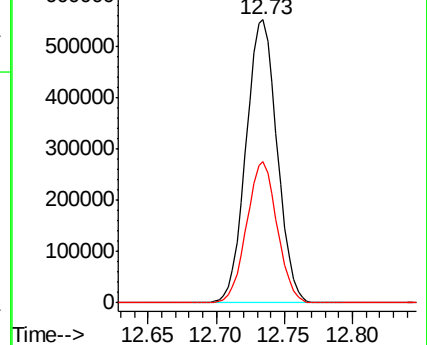
105 100

120 49.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052977.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN052977.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.739 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBS01

Tgt Ion: 75 Resp: 67682
Ion Ratio Lower Upper

75 100

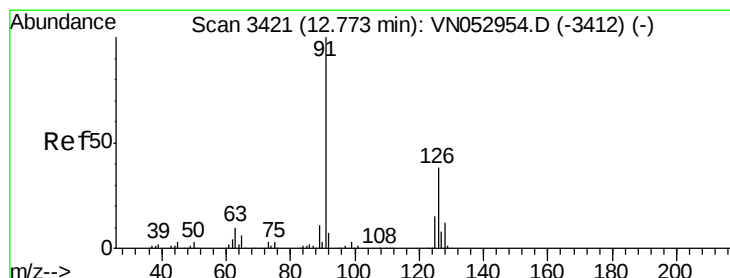
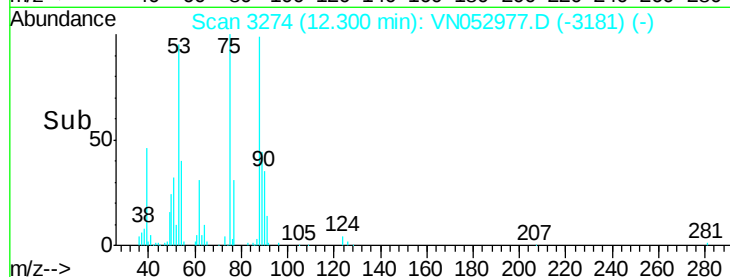
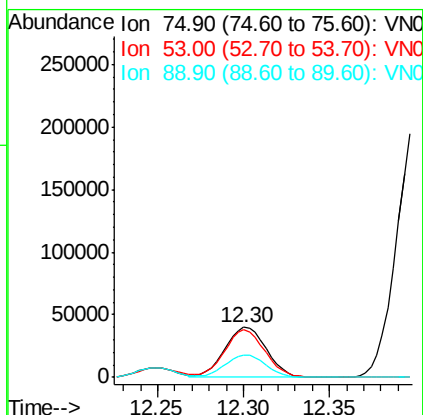
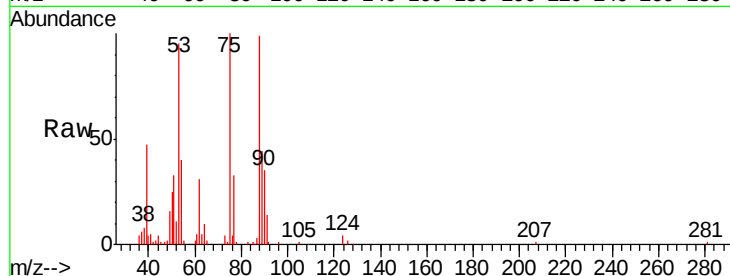
53 91.9 74.7 112.1

89 44.0 36.1 54.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.701 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

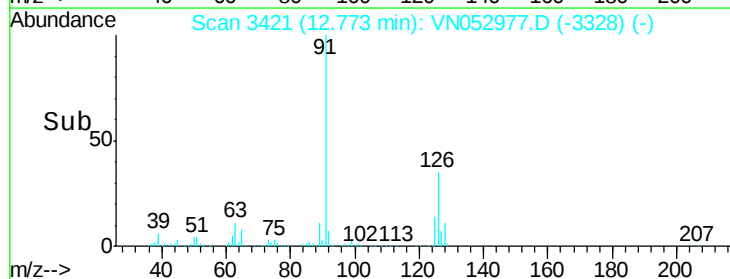
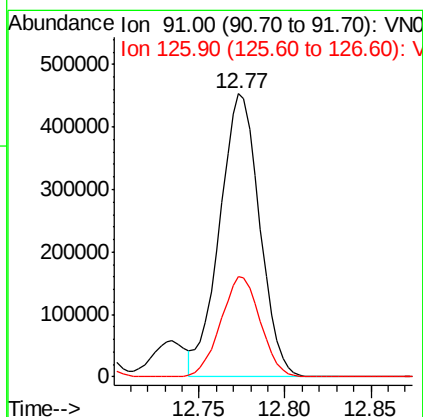
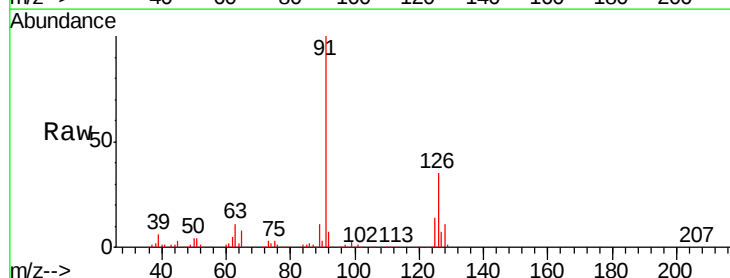
Lab File: VN052977.D

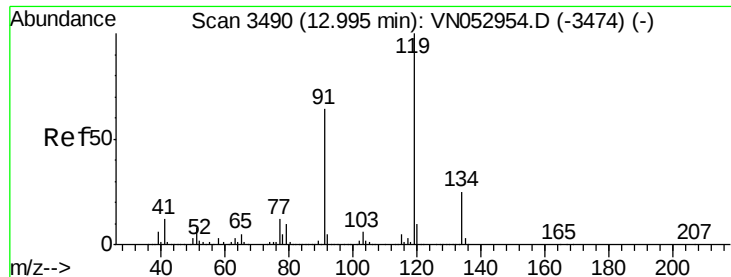
Acq: 18 Dec 2018 23:18

Tgt Ion: 91 Resp: 734833
Ion Ratio Lower Upper

91 100

126 35.1 17.3 51.7





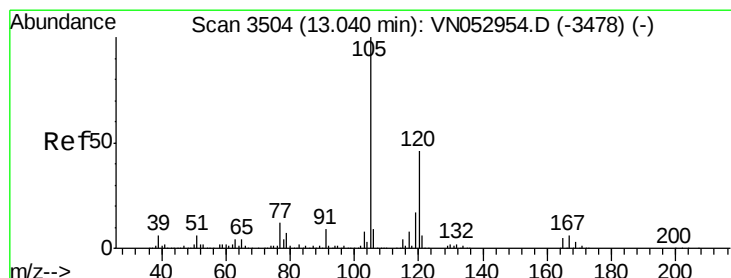
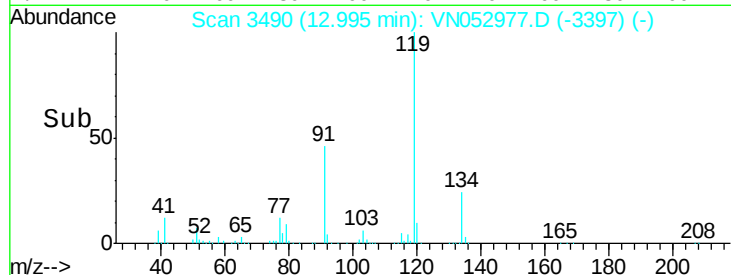
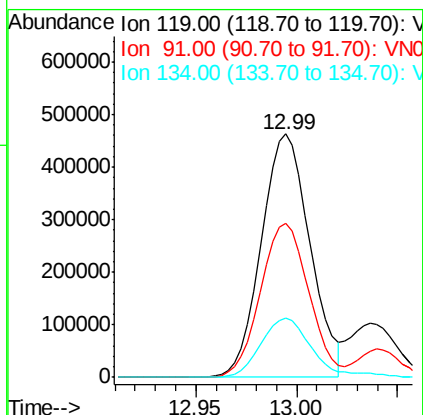
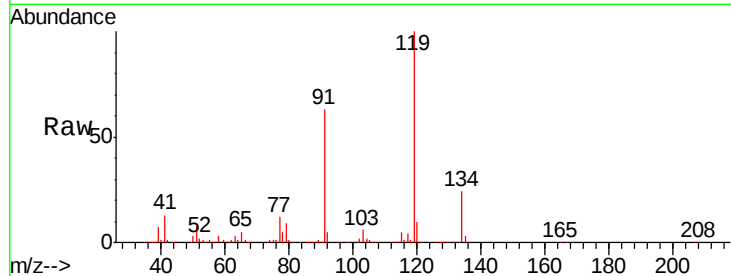
#83
 tert-Butylbenzene
 Concen: 21.004 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.1	31.9	95.5
134	25.6	12.8	38.4

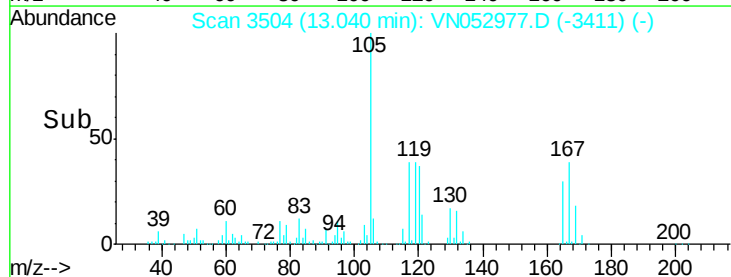
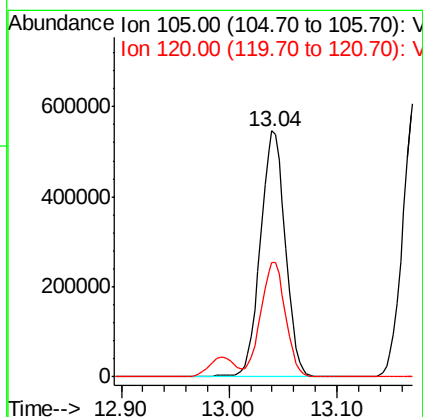
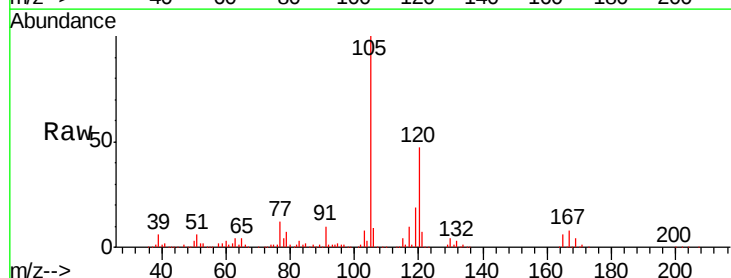
Manual Integrations
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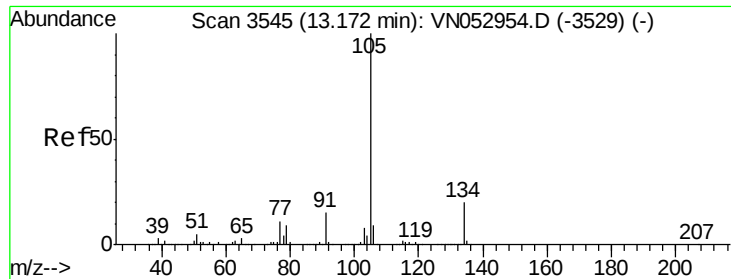
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.731 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.9	68.8





#85

sec-Butylbenzene

Concen: 20.340 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA_N

ClientSampleId :

VN1218WBS01

Tgt Ion:105 Resp: 1018710

Ion Ratio Lower Upper

105 100

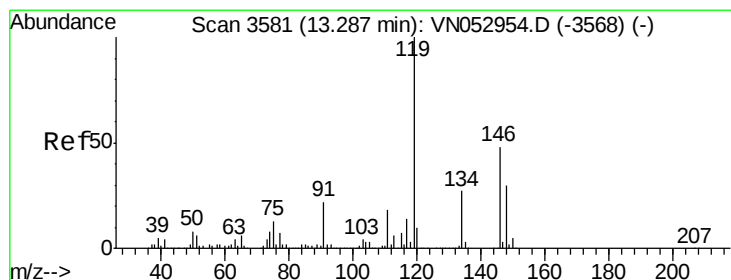
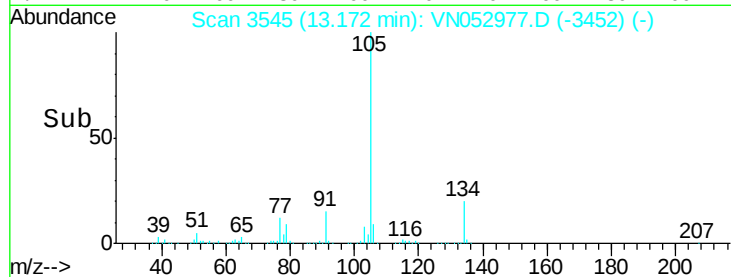
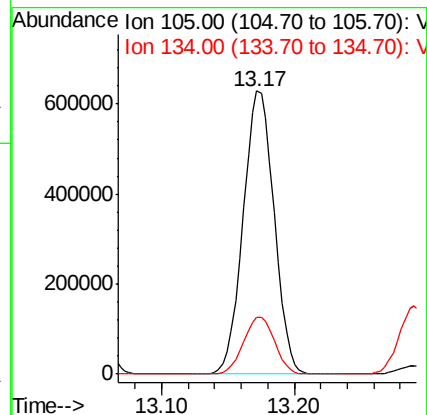
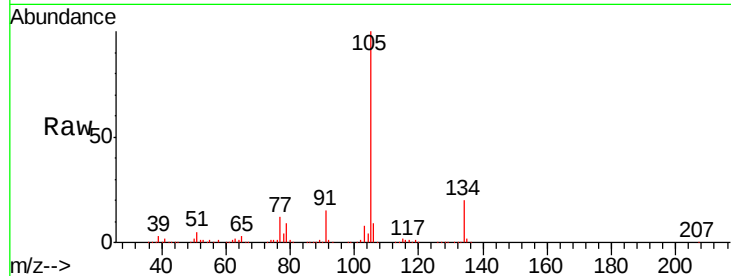
134 20.3 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 20.042 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

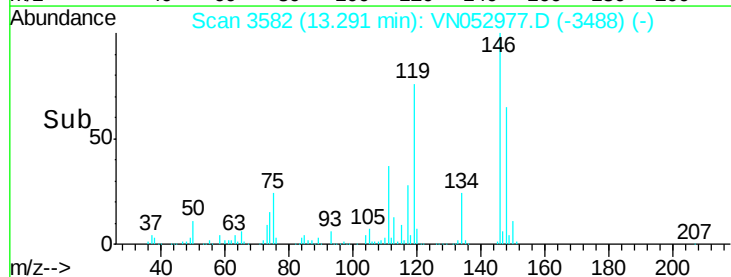
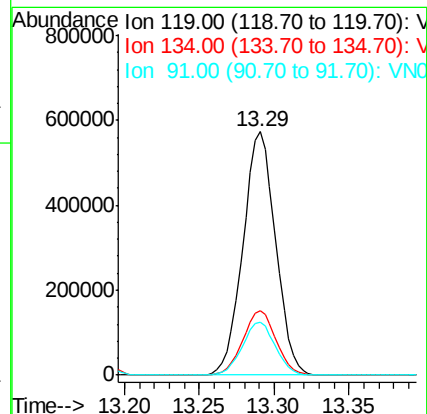
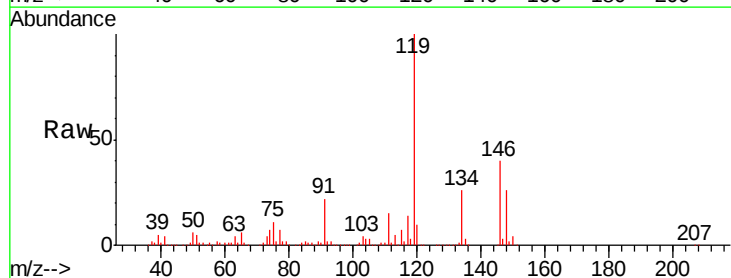
Tgt Ion:119 Resp: 867355

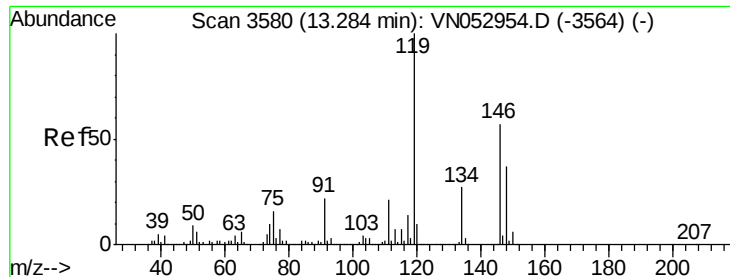
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.0 11.1 33.3





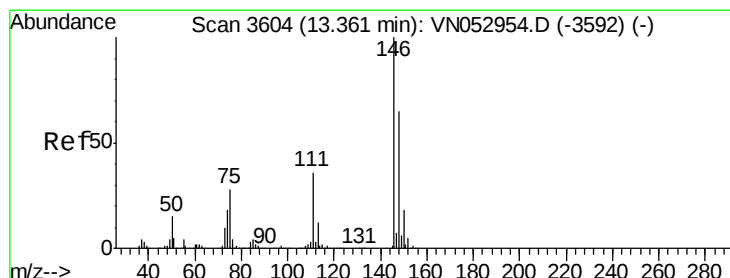
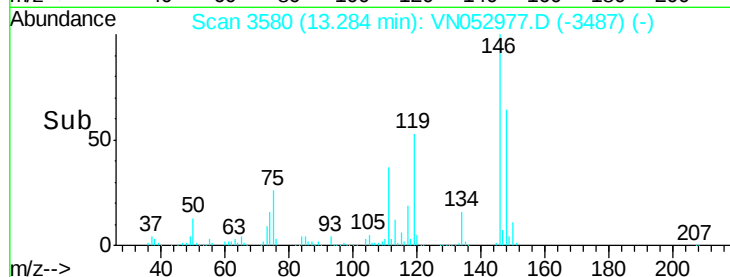
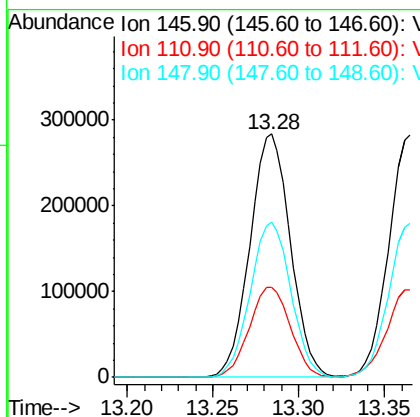
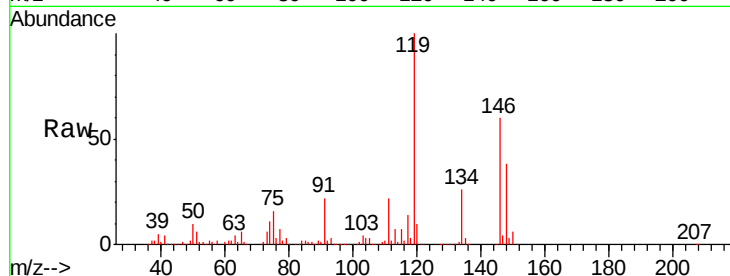
#87
 1,3-Dichlorobenzene
 Concen: 19.606 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	64.1	32.0	96.0

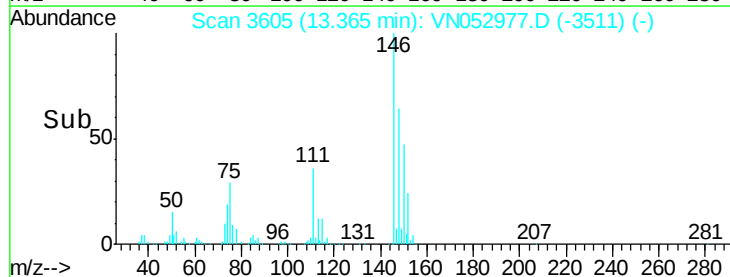
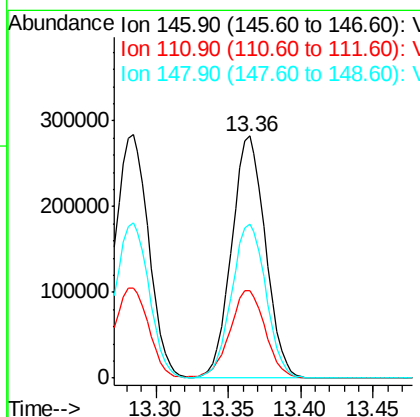
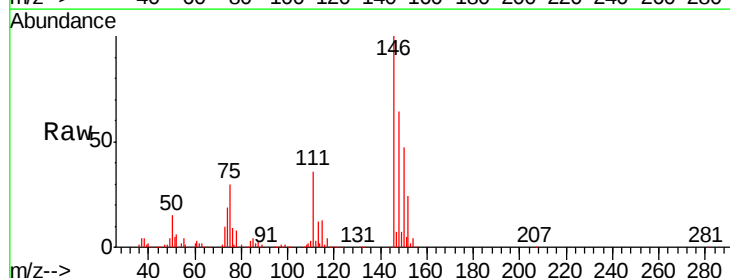
Manual Integrations
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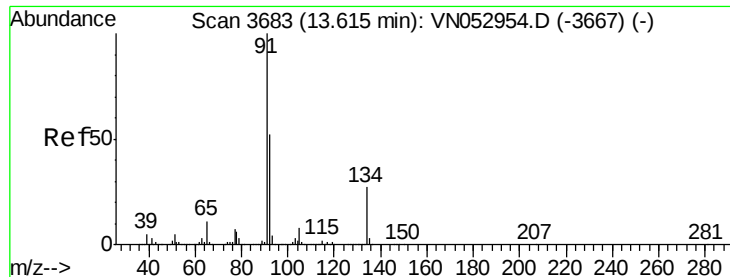
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#88
 1,4-Dichlorobenzene
 Concen: 19.103 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.8
148	64.4	32.1	96.5





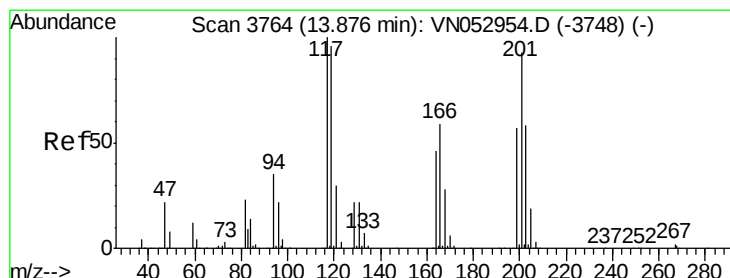
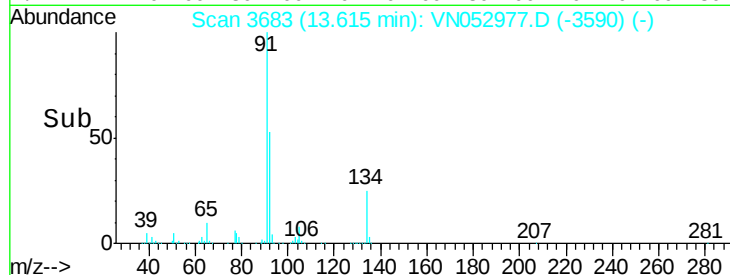
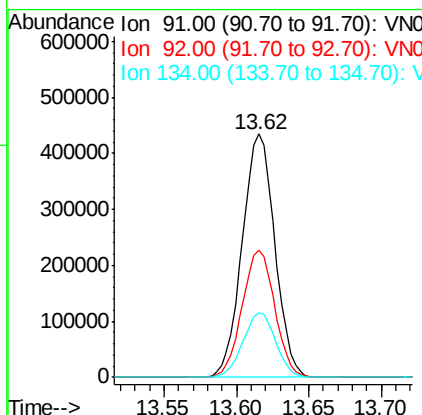
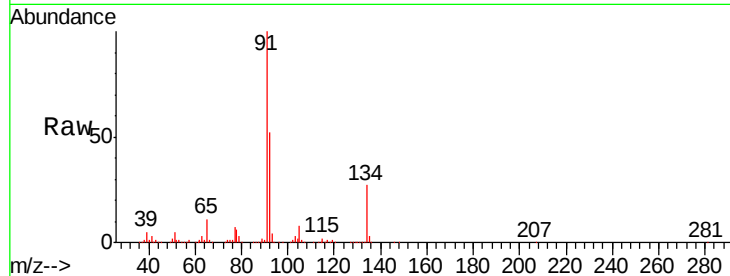
#89
n-Butylbenzene
Concen: 18.255 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	26.6	13.3	39.8

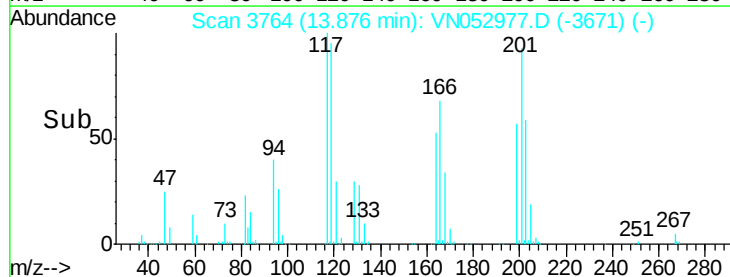
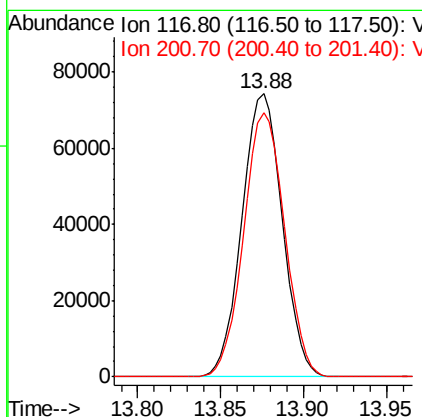
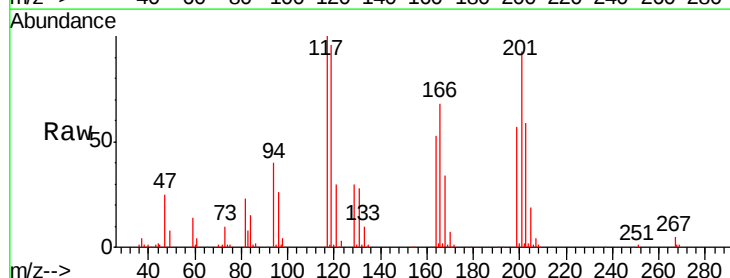
Manual Integrations
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#90
Hexachloroethane
Concen: 18.962 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.4	45.7	137.1





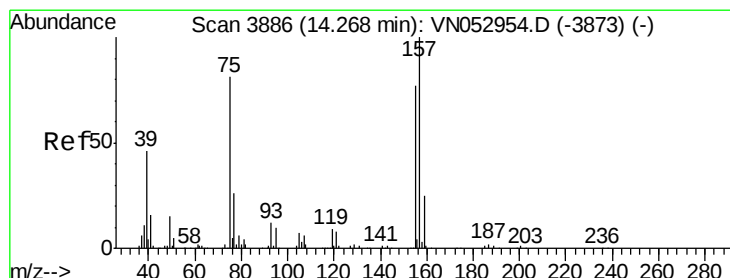
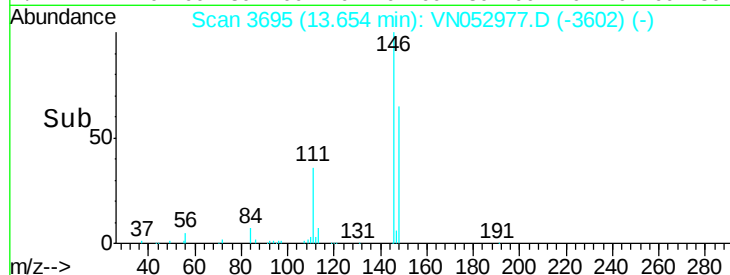
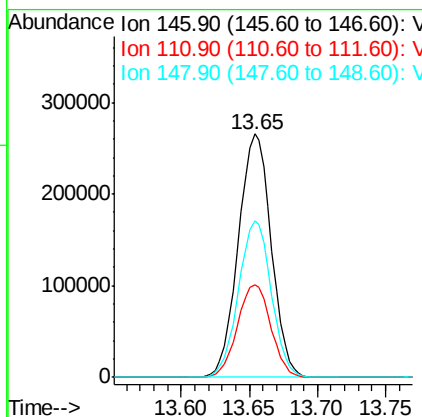
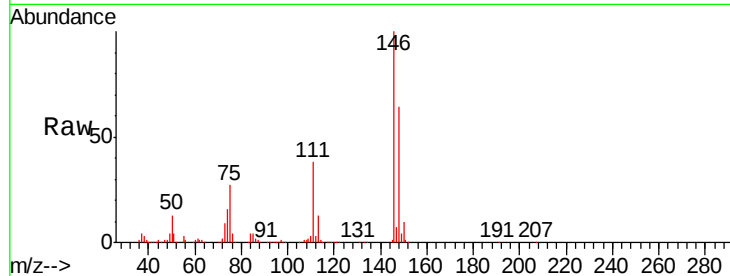
#91
 1,2-Dichlorobenzene
 Concen: 20.010 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.6	19.7	59.0	
148	64.1	32.0	96.0	

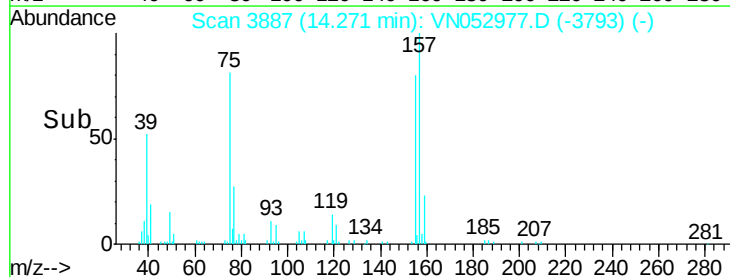
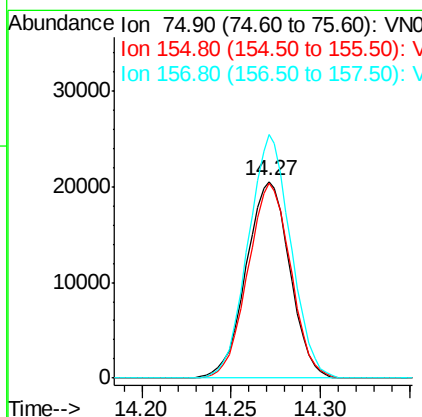
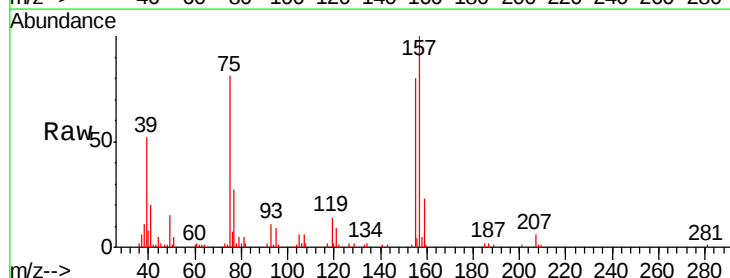
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.156 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	97.1	48.2	144.6	
157	121.0	61.2	183.5	





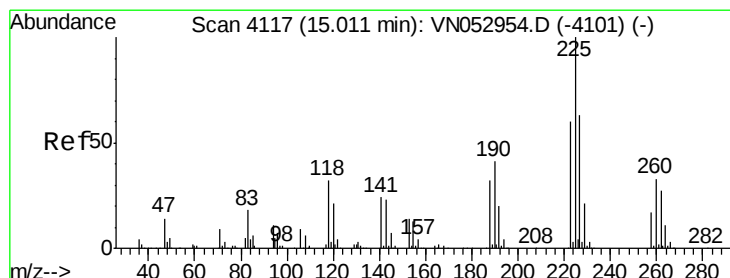
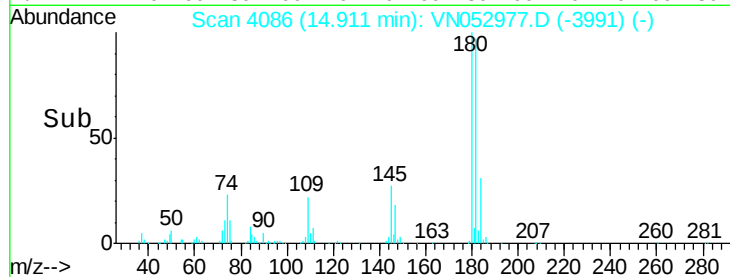
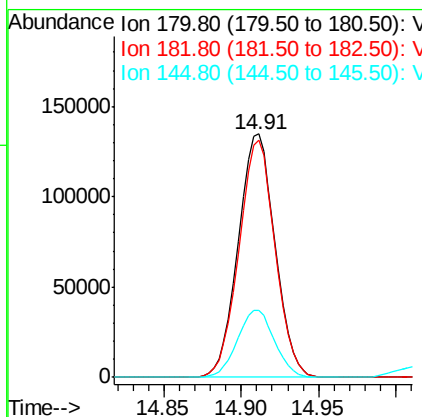
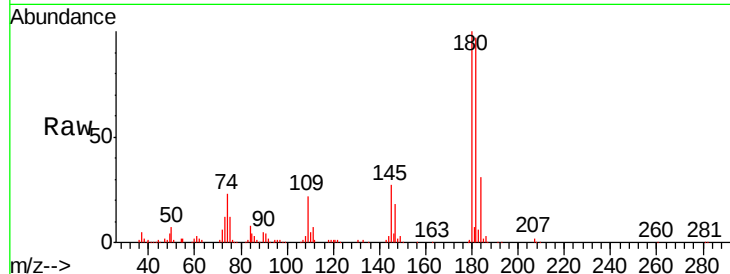
#93
 1,2,4-Trichlorobenzene
 Concen: 19.238 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	222318		
182	95.8	47.8	143.3	
145	27.8	14.2	42.6	

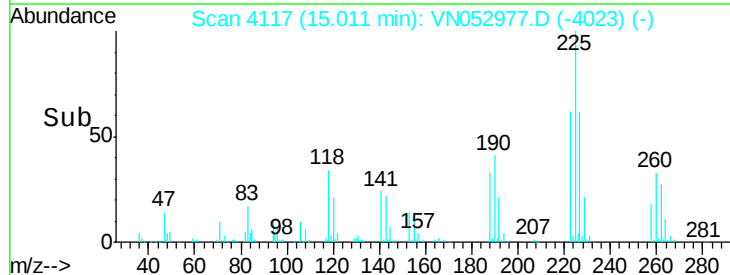
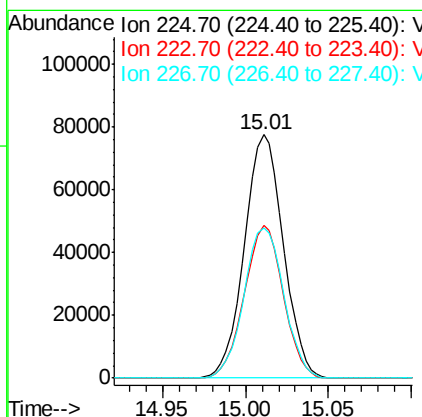
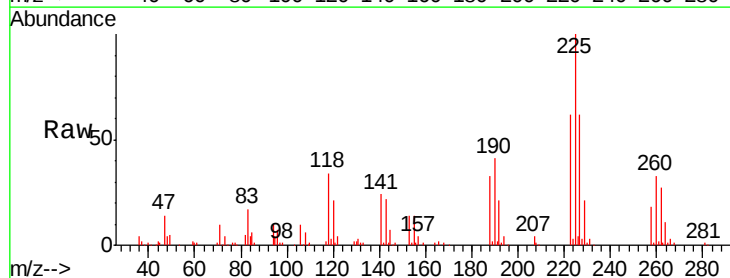
Manual Integrations
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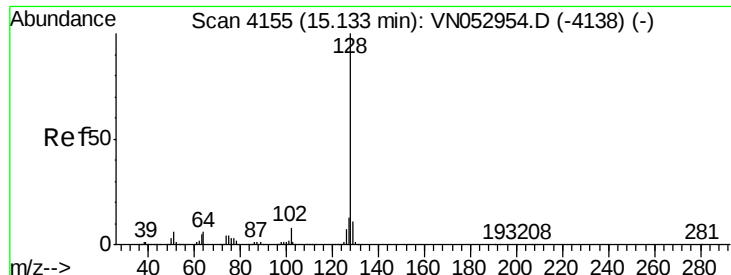
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#94
 Hexachlorobutadiene
 Concen: 18.983 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052977.D
 Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	126691		
223	62.4	31.5	94.5	
227	63.2	31.9	95.7	





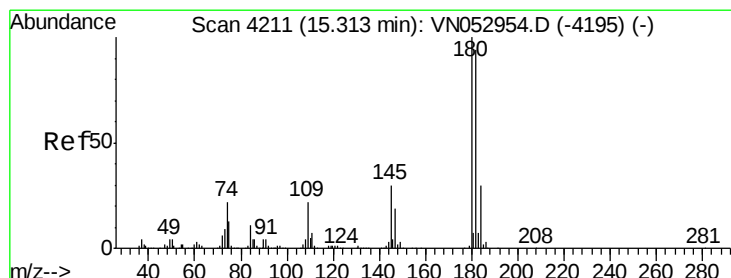
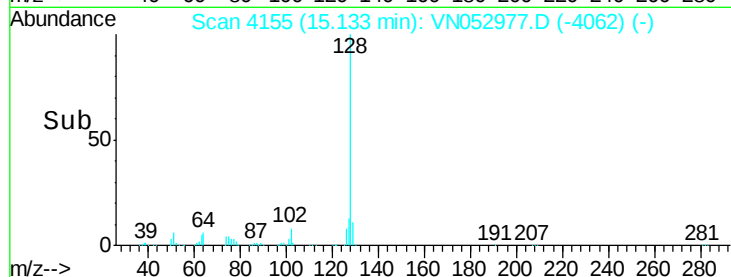
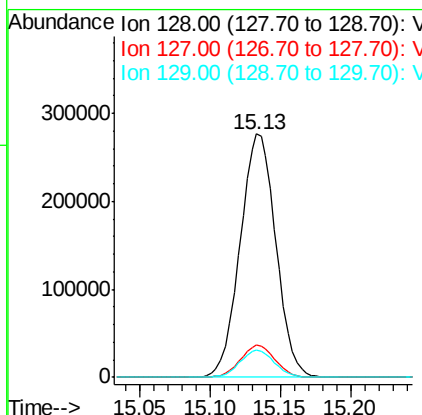
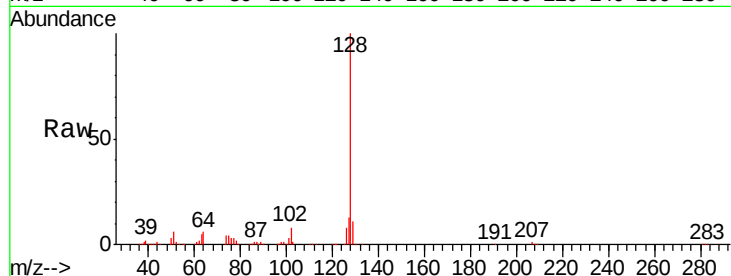
#95
Naphthalene
Concen: 19.705 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Instrument :
MSVOA_N
ClientSampleId :
VN1218WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.663 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052977.D
Acq: 18 Dec 2018 23:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	47.9	143.7
145	29.8	15.0	45.0

