

Data File : VN052308.D
Acq On : 14 Nov 2018 12:17
Operator : MD\SY
Sample : VSTDIC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Quant Time: Nov 15 02:36:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 02:30:00 2018
Response via : Initial Calibration

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

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

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	572653	103.311	ug/l	100
40) Benzene	8.04	78	1387461	100.023	ug/l	98
41) Methacrylonitrile	7.17	41	191645	95.994	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	494208	99.912	ug/l	100
43) Isopropyl Acetate	8.17	43	682108	100.311	ug/l #	87
44) Trichloroethene	8.84	130	349315	102.232	ug/l	99
45) 1,2-Dichloropropane	9.12	63	390333	99.154	ug/l	98
46) Dibromomethane	9.21	93	227994	100.045	ug/l	98
47) Bromodichloromethane	9.40	83	488448	104.446	ug/l	99
48) Methyl methacrylate	9.20	41	344463	99.832	ug/l	98
49) 1,4-Dioxane	9.20	88	57340	2164.818	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1811532	529.239	ug/l	100
52) Toluene	10.16	92	853461	102.851	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	520151	110.283	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	581865	108.220	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	307444	102.203	ug/l	96
56) Ethyl methacrylate	10.43	69	436246	110.271	ug/l	99
57) 1,3-Dichloropropane	10.71	76	547439	102.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1213265	538.675	ug/l	100
59) 2-Hexanone	10.75	43	1259125	534.802	ug/l	100
60) Dibromochloromethane	10.90	129	351030	107.855	ug/l	100
61) 1,2-Dibromoethane	11.00	107	311239	103.869	ug/l	100
64) Tetrachloroethene	10.63	164	306967	97.155	ug/l	99
65) Chlorobenzene	11.43	112	932535	99.269	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	330578	103.196	ug/l	99
67) Ethyl Benzene	11.51	91	1682526	103.195	ug/l	100
68) m/p-Xylenes	11.62	106	1234861	207.288	ug/l	98
69) o-Xylene	11.95	106	606121	106.142	ug/l	100
70) Styrene	11.96	104	982503	107.452	ug/l	99
71) Bromoform	12.13	173	212897	112.562	ug/l #	98
73) Isopropylbenzene	12.25	105	1651151	99.592	ug/l	98
74) N-amyl acetate	12.07	43	634818	107.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	380317	94.895	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	517644	159.665	ug/l #	100
77) Bromobenzene	12.53	156	376484	97.597	ug/l	100
78) n-propylbenzene	12.59	91	1952854	100.717	ug/l	100
79) 2-Chlorotoluene	12.67	91	1107666	97.789	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1332190	101.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	120508	111.706	ug/l	97
82) 4-Chlorotoluene	12.77	91	1147052	98.842	ug/l	98
83) tert-Butylbenzene	12.99	119	1143338	98.227	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1351837	102.138	ug/l	99
85) sec-Butylbenzene	13.17	105	1607170	101.362	ug/l	100
86) p-Isopropyltoluene	13.29	119	1367550	101.819	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	675062	98.534	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	674324	99.002	ug/l	99
89) n-Butylbenzene	13.61	91	1257584	109.017	ug/l	99
90) Hexachloroethane	13.87	117	251720	105.812	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	644911	97.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61084	103.360	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111418\
Quantitation Report (Not Reviewed)

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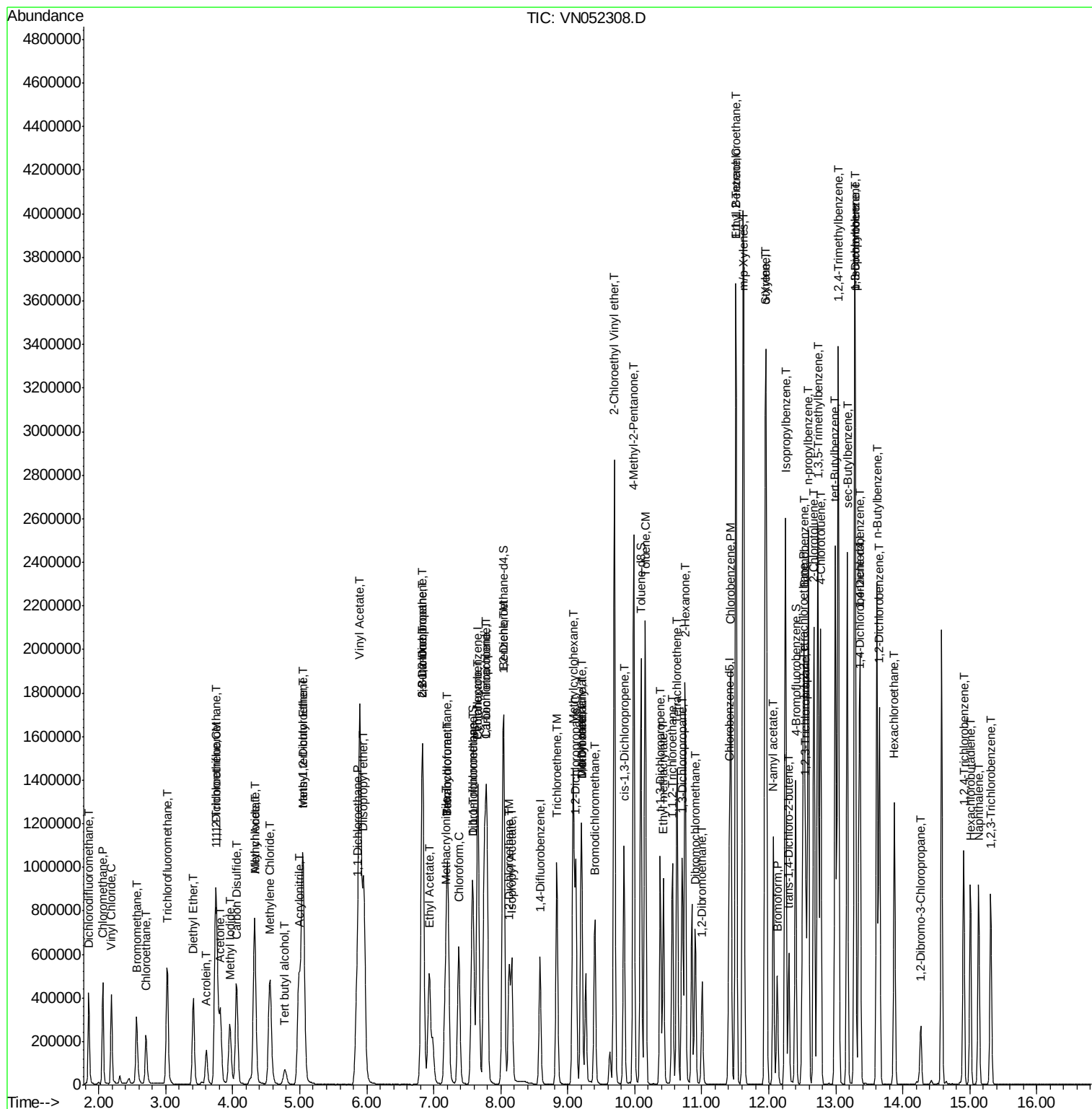
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	314837	115.273	ug/l	99
94) Hexachlorobutadiene	15.01	225	147421	97.037	ug/l	98
95) Naphthalene	15.13	128	741341	120.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	277601	110.066	ug/l	99

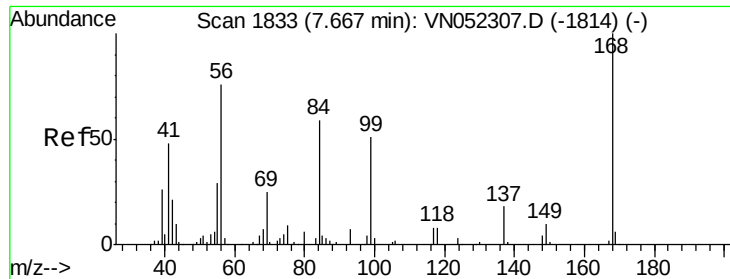
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

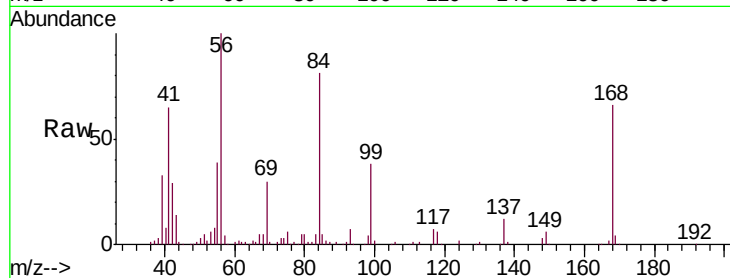
VSTDIC100

Tgt Ion:168 Resp: 289232

Ion Ratio Lower Upper

168 100

99 57.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

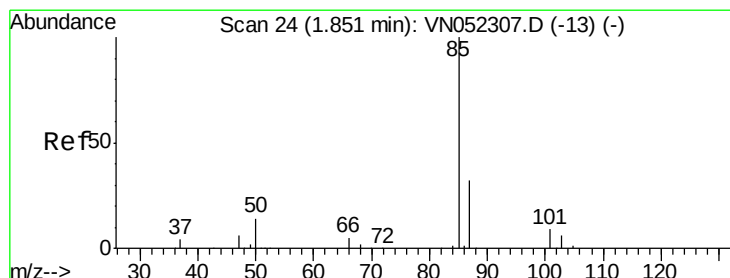
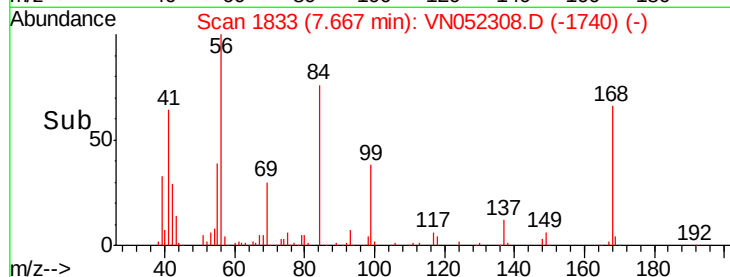
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 104.641 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052308.D

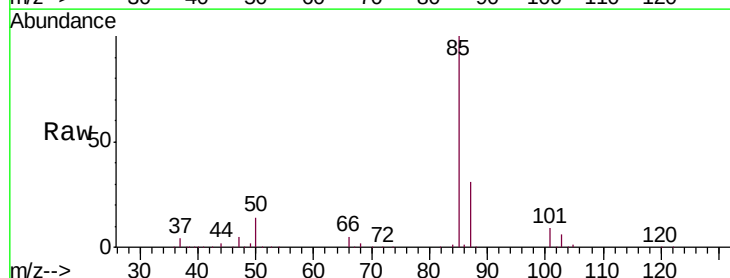
Acq: 14 Nov 2018 12:17

Tgt Ion: 85 Resp: 320711

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

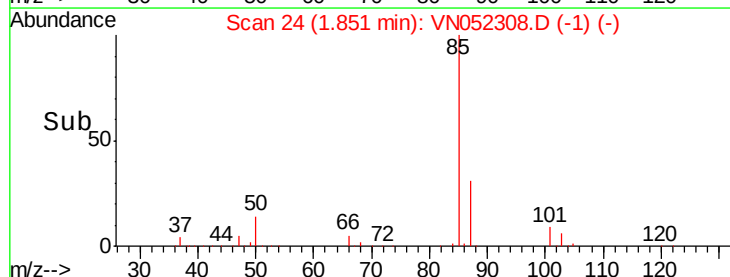
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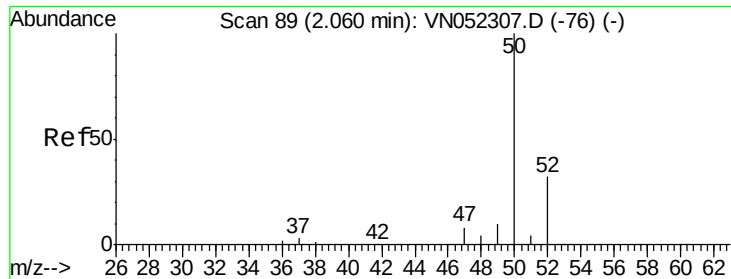
100000

50000

0

Time-->





#3

Chloromethane

Concen: 100.907 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

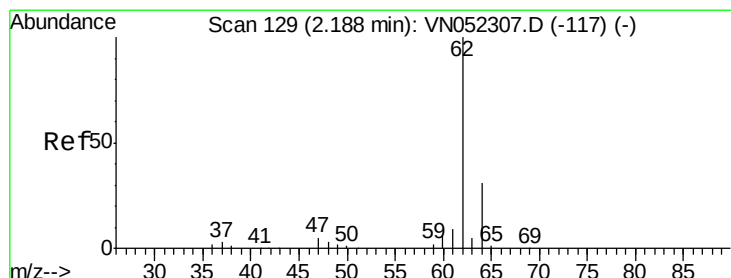
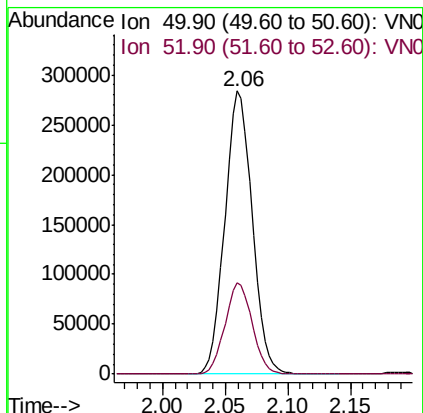
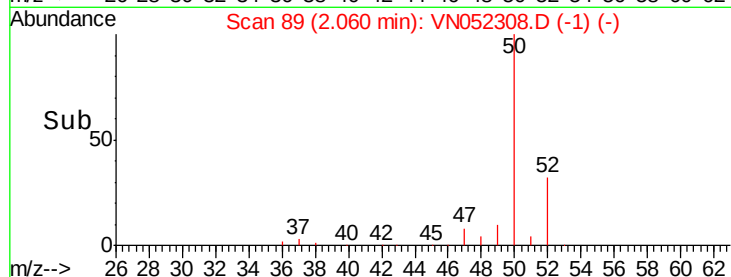
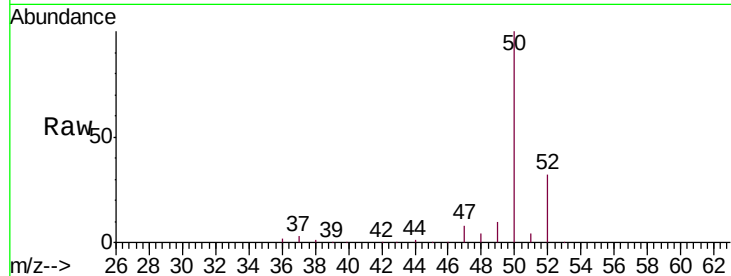
VSTDIC100

Tgt Ion: 50 Resp: 429788

Ion Ratio Lower Upper

50 100

52 32.1 25.5 38.3



#4

Vinyl Chloride

Concen: 99.965 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052308.D

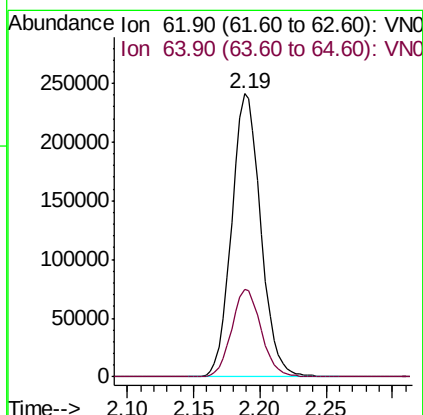
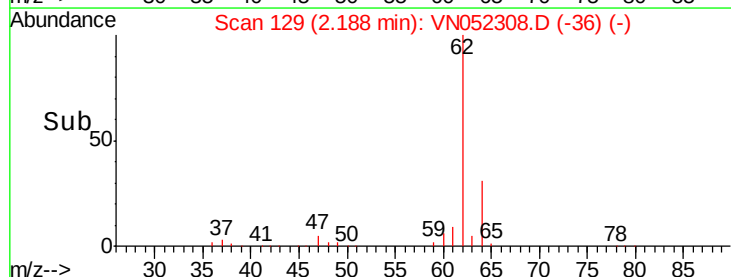
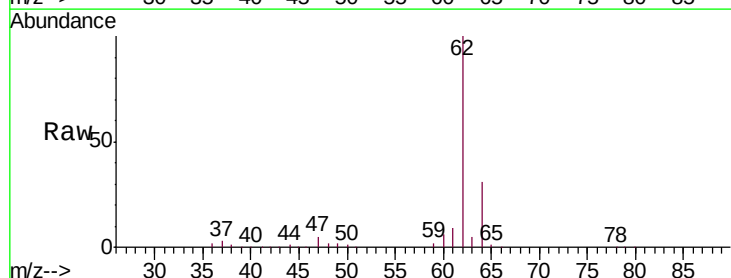
Acq: 14 Nov 2018 12:17

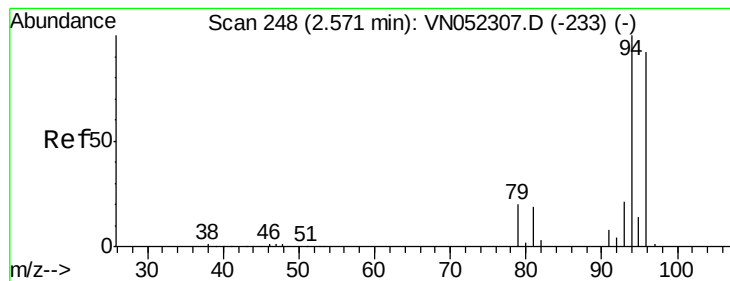
Tgt Ion: 62 Resp: 368047

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 94.253 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

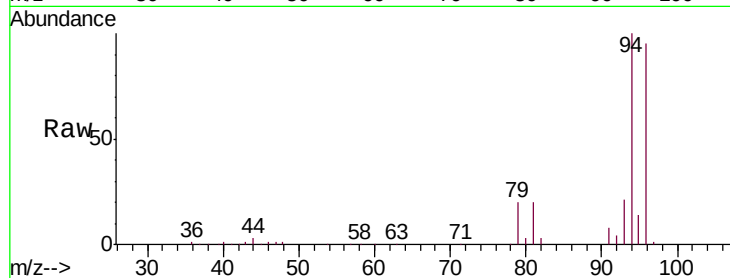
VSTDIC100

Tgt Ion: 94 Resp: 216336

Ion Ratio Lower Upper

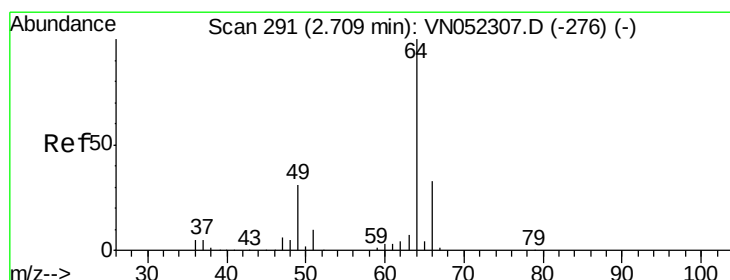
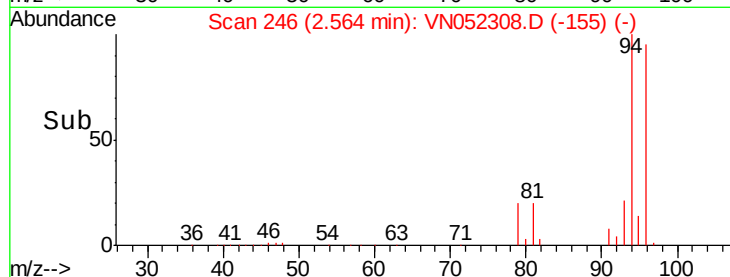
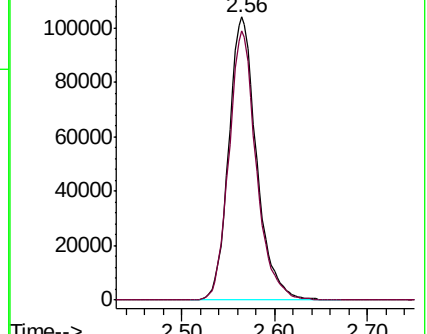
94 100

96 95.1 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN052308.D (-155) (-)

Ion 95.90 (95.60 to 96.60): VN052308.D (-155) (-)



#6

Chloroethane

Concen: 97.020 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN052308.D

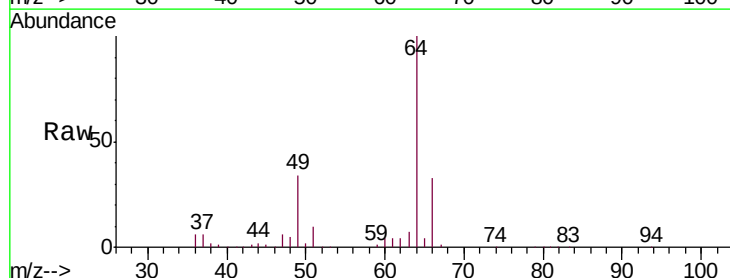
Acq: 14 Nov 2018 12:17

Tgt Ion: 64 Resp: 201965

Ion Ratio Lower Upper

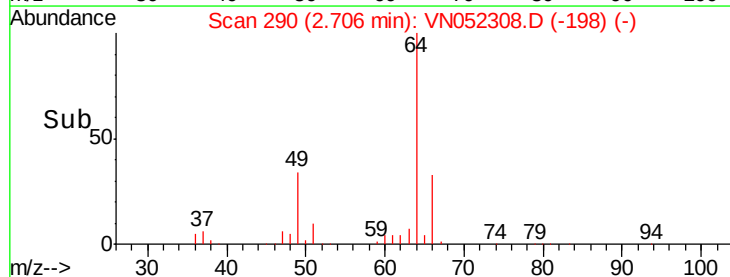
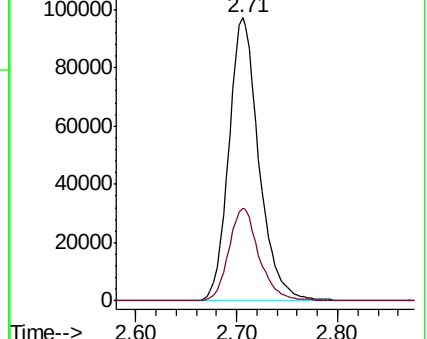
64 100

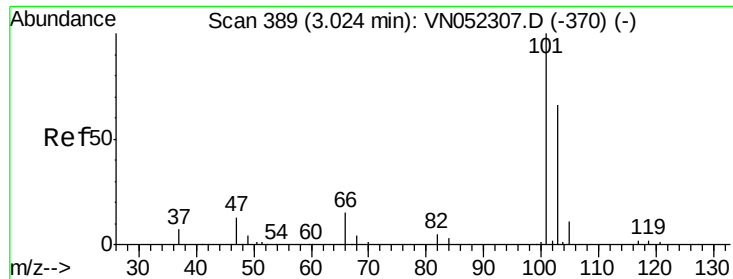
66 32.9 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN052308.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN052308.D (-198) (-)



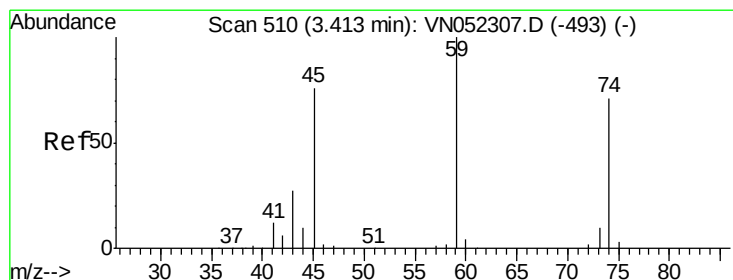
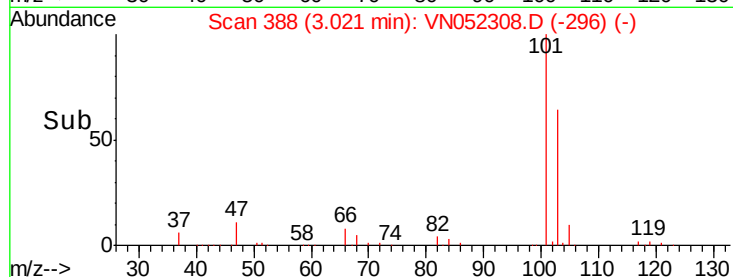
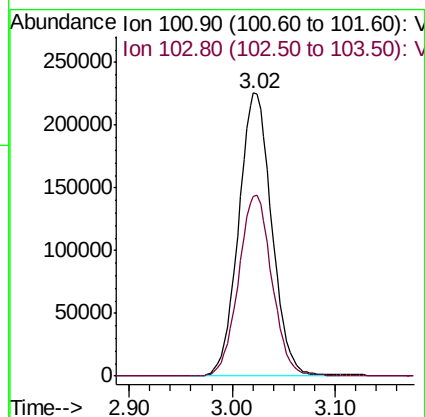
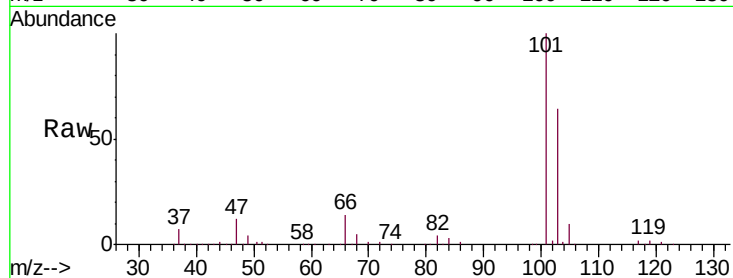


#7

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

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

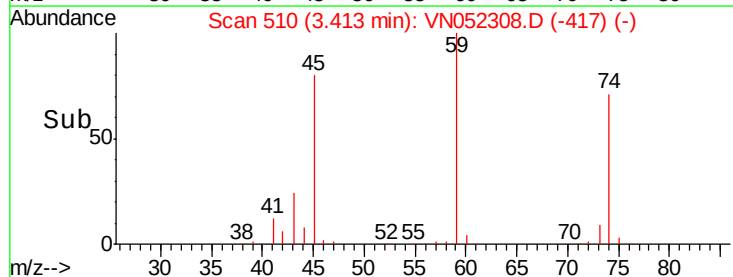
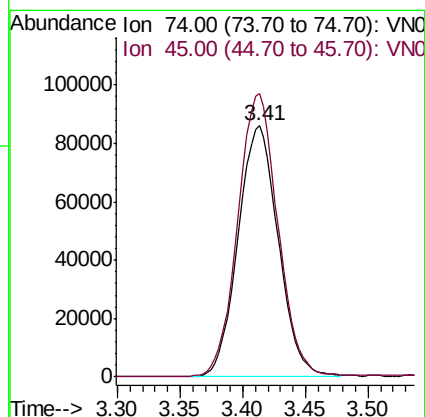
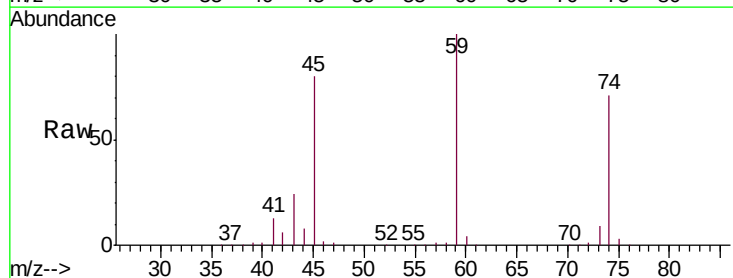
Tgt Ion:101 Resp: 504378
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.8 79.2

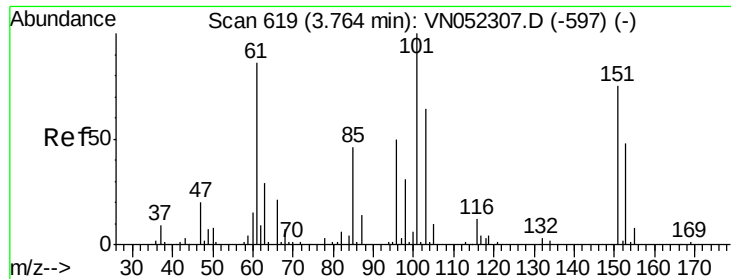


#8

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

Tgt Ion: 74 Resp: 192174
 Ion Ratio Lower Upper
 74 100
 45 111.8 54.3 162.9

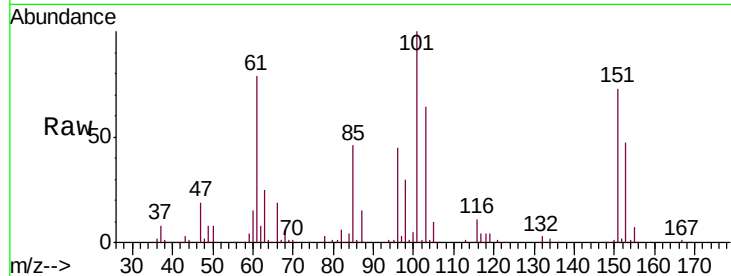




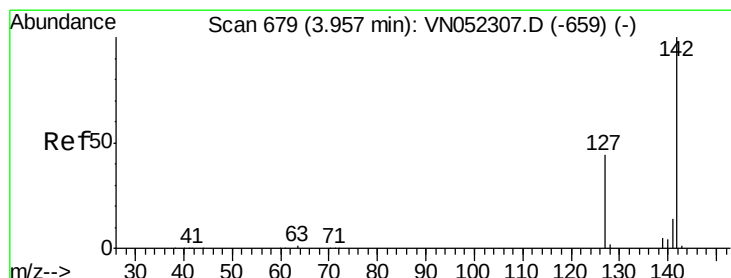
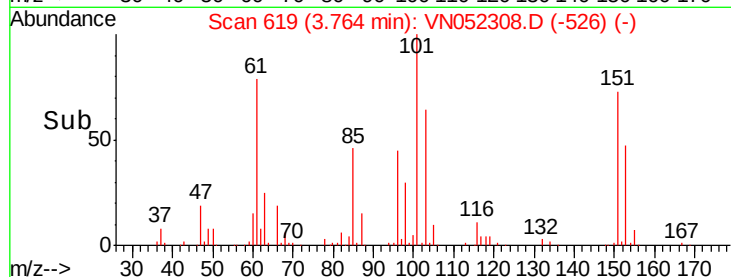
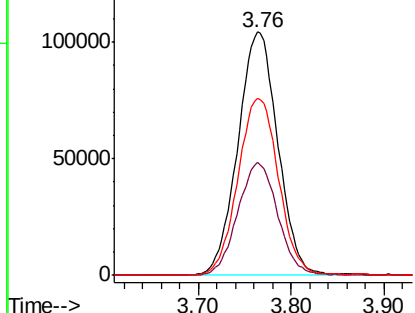
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 97.179 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.3	37.4	56.0
151	73.8	58.6	88.0

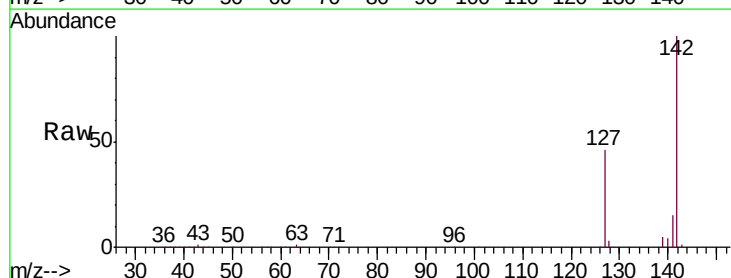


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

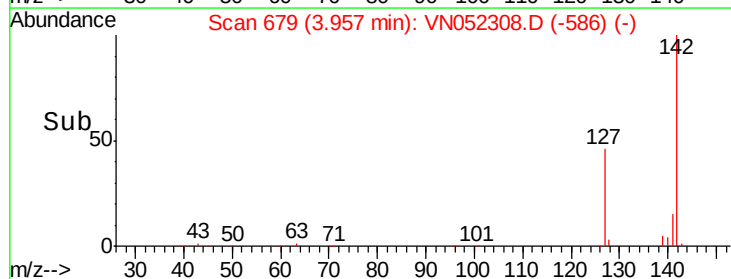
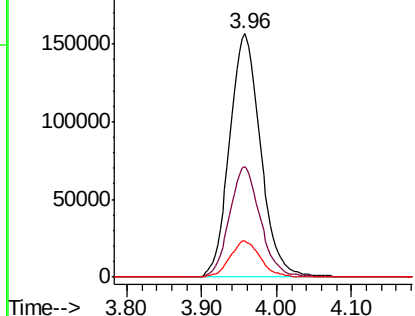


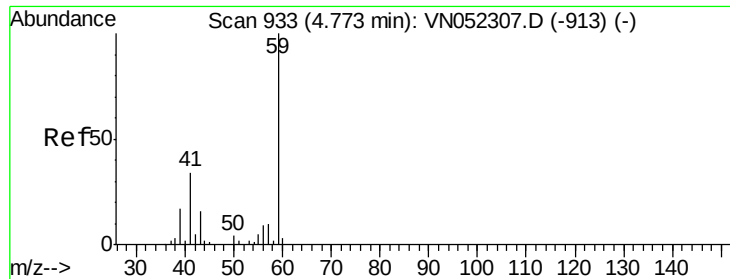
#10
 Methyl Iodide
 Concen: 104.562 ug/l
 RT: 3.96 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

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



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

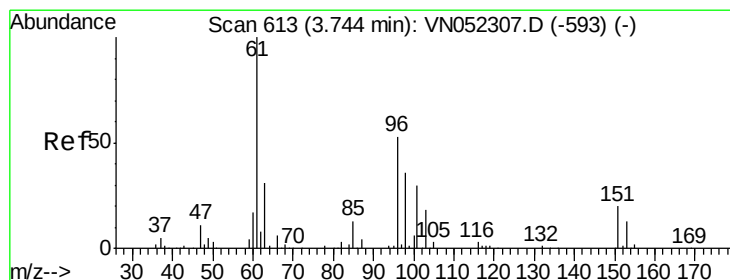
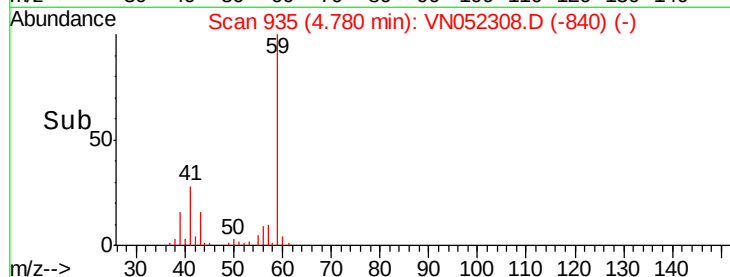
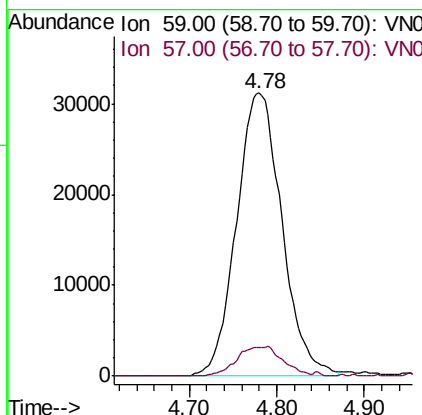
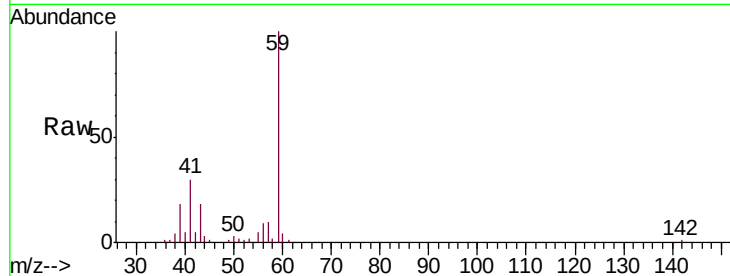




#11
Tert butyl alcohol
Concen: 518.184 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

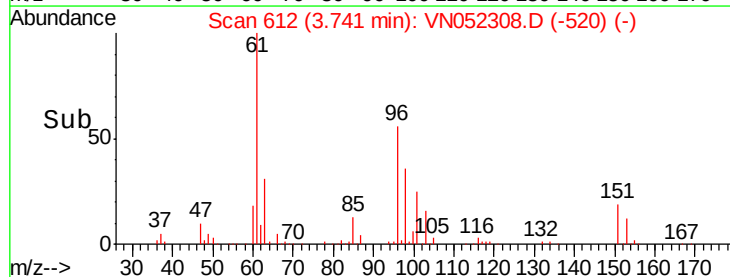
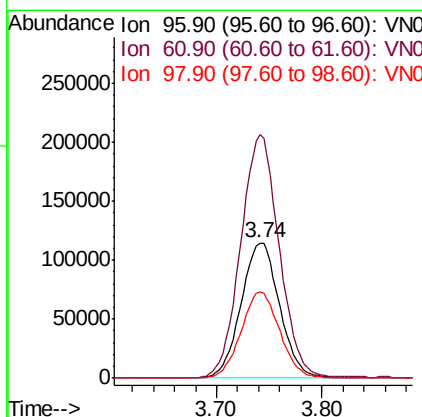
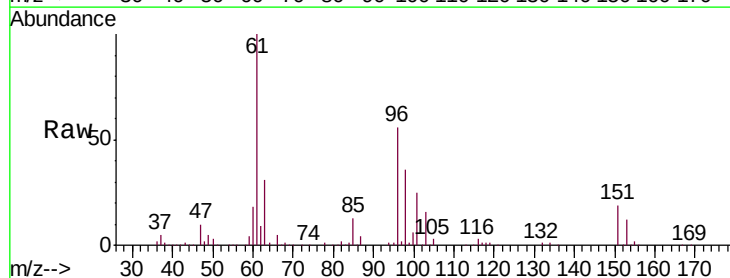
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

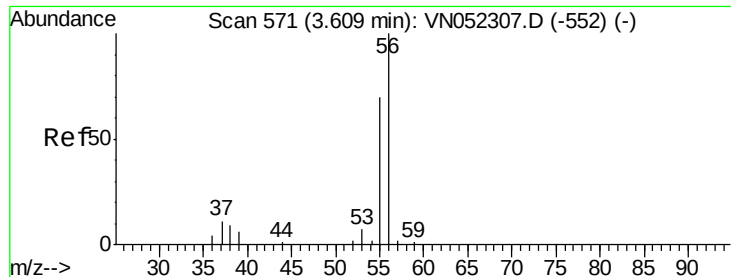
Tgt Ion: 59 Resp: 112223
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7



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

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





#13

Acrolein

Concen: 575.615 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

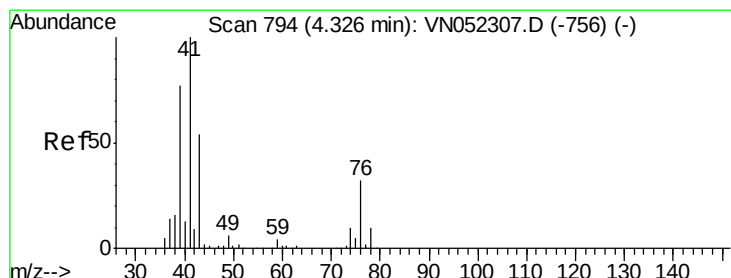
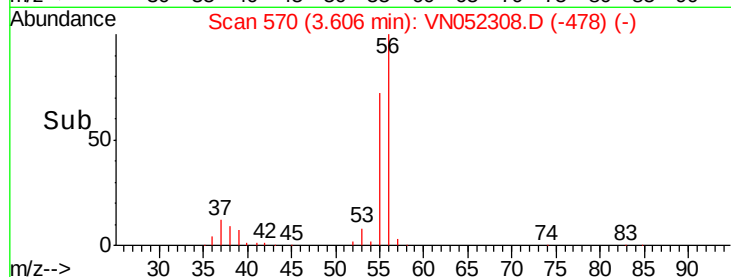
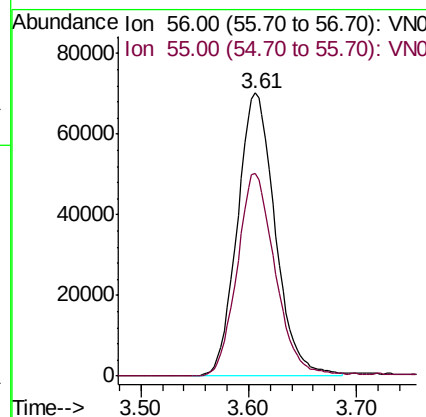
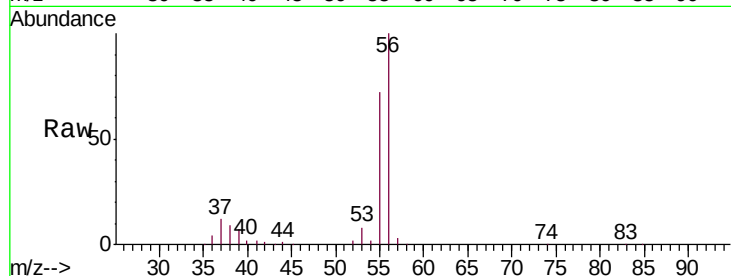
VSTDIC100

Tgt Ion: 56 Resp: 171487

Ion Ratio Lower Upper

56 100

55 71.3 57.6 86.4



#14

Allyl chloride

Concen: 102.547 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

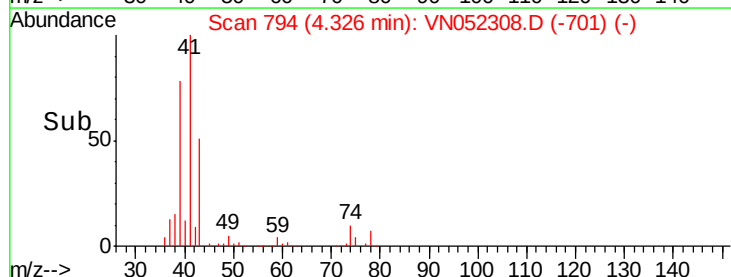
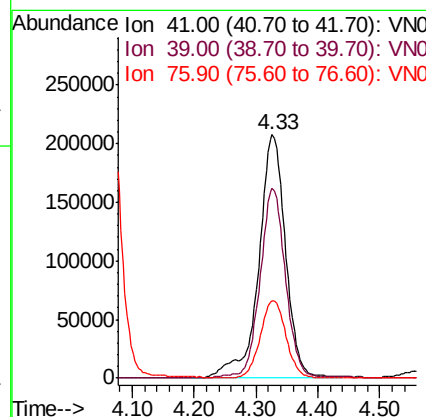
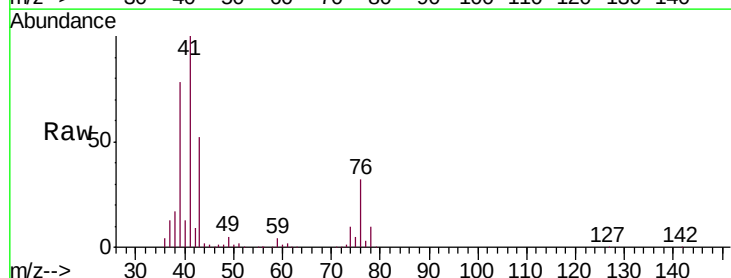
Tgt Ion: 41 Resp: 626927

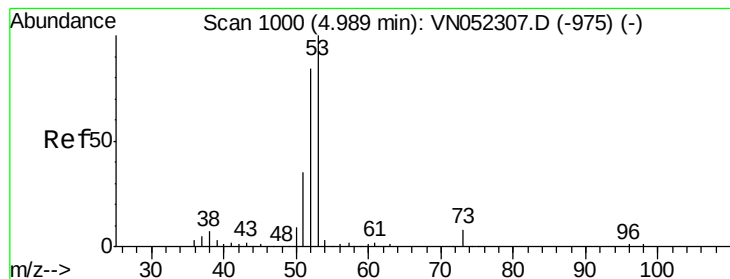
Ion Ratio Lower Upper

41 100

39 73.7 59.1 88.7

76 30.0 24.1 36.1





#15

Acrylonitrile

Concen: 497.752 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

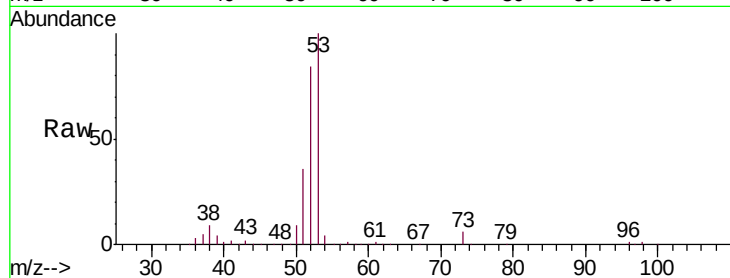
Tgt Ion: 53 Resp: 621950

Ion Ratio Lower Upper

53 100

52 84.3 67.5 101.3

51 37.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN052307.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN052307.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN052307.D (-975) (-)

4.99

250000

200000

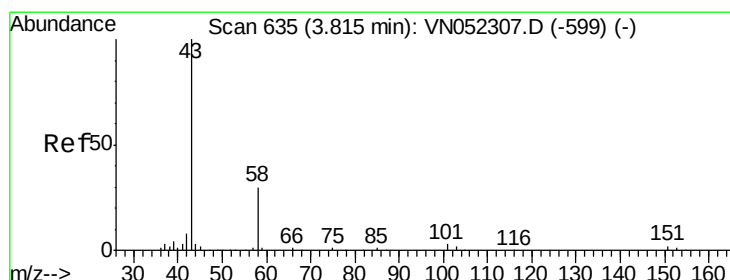
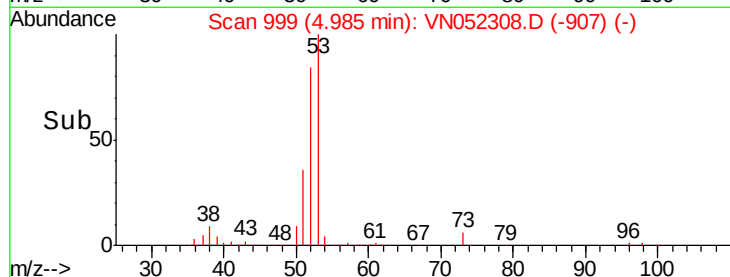
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 466.498 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052308.D

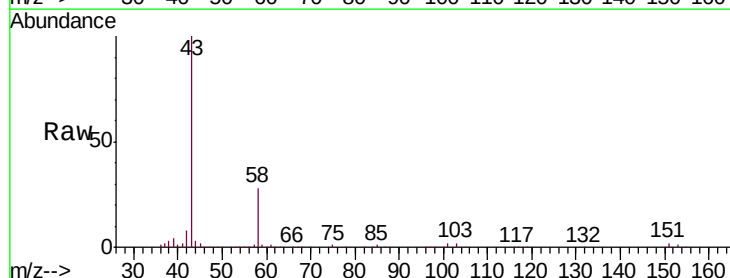
Acq: 14 Nov 2018 12:17

Tgt Ion: 43 Resp: 533579

Ion Ratio Lower Upper

43 100

58 28.2 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)

3.82

200000

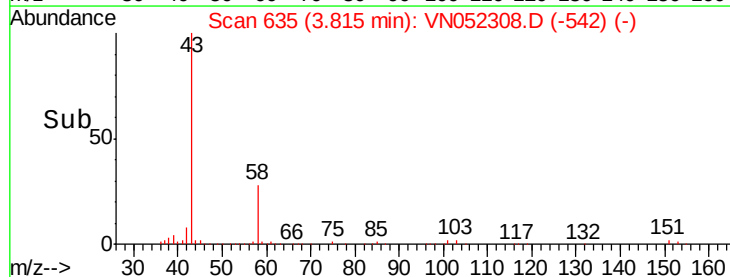
150000

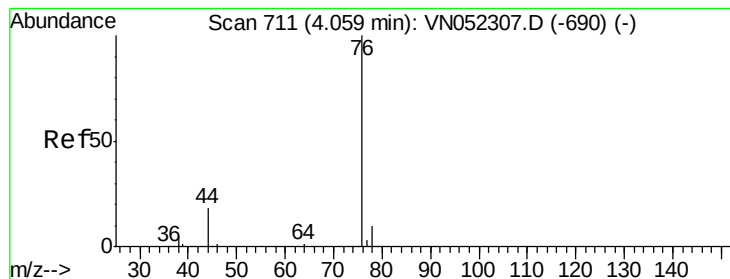
100000

50000

0

Time-->





#17

Carbon Disulfide

Concen: 104.481 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

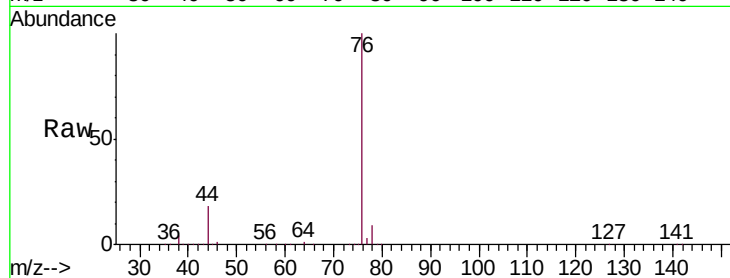
VSTDIC100

Tgt Ion: 76 Resp: 892019

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

300000

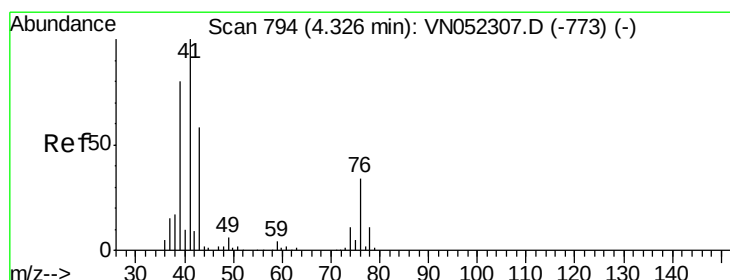
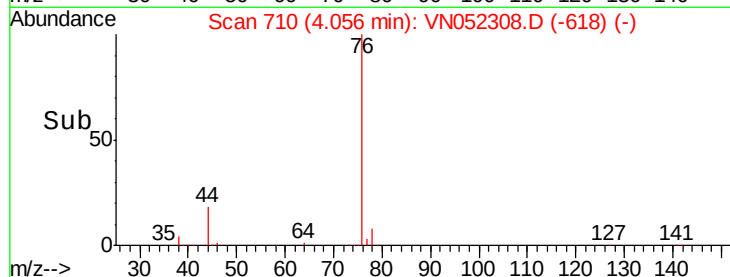
200000

100000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 95.230 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN052308.D

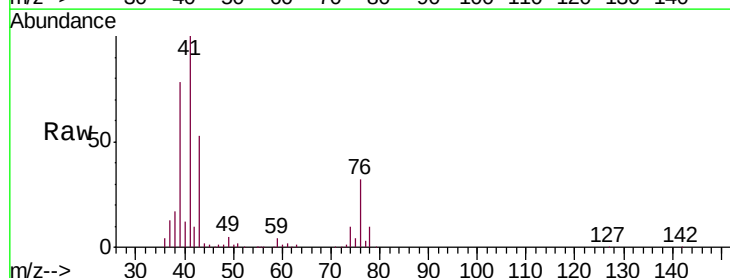
Acq: 14 Nov 2018 12:17

Tgt Ion: 43 Resp: 310844

Ion Ratio Lower Upper

43 100

74 20.0 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.32

120000

100000

80000

60000

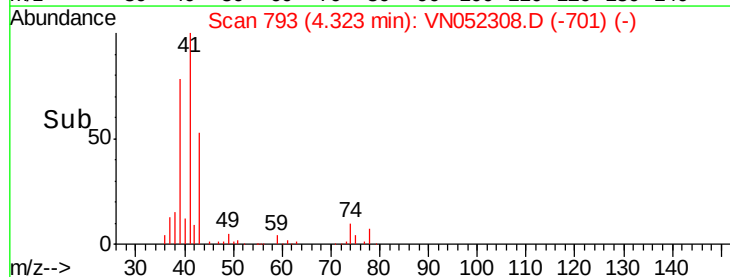
40000

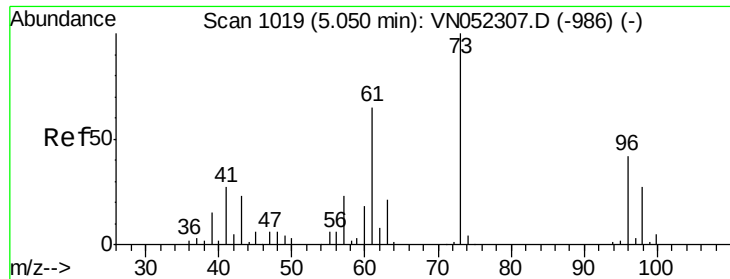
20000

0

Time-->

4.20 4.30 4.40 4.50

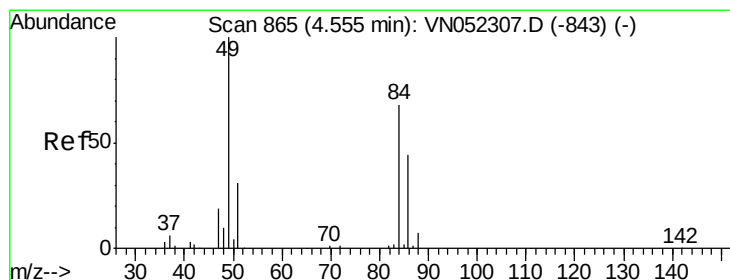
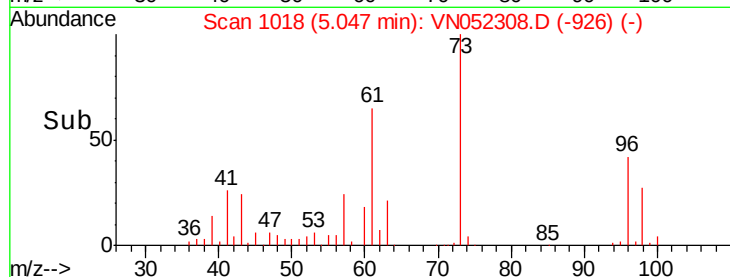
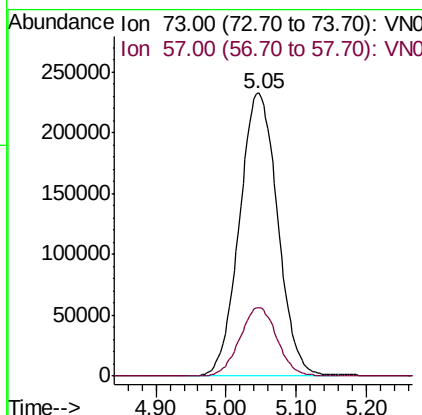
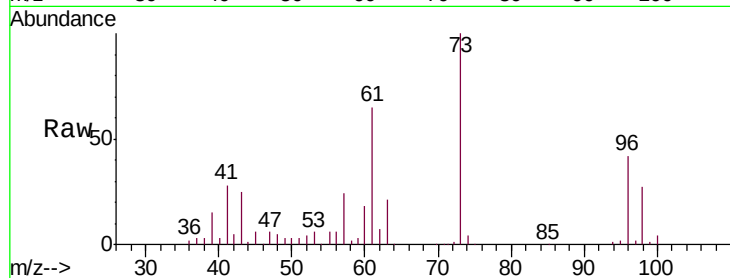




#19
Methyl tert-butyl Ether
Concen: 102.889 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

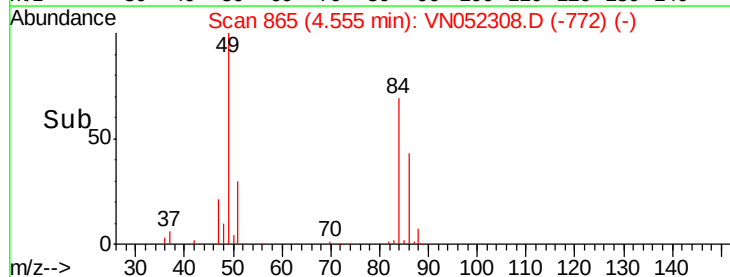
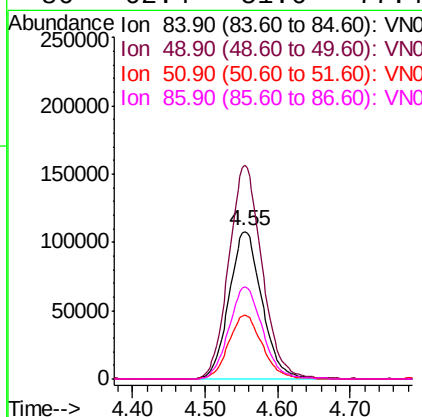
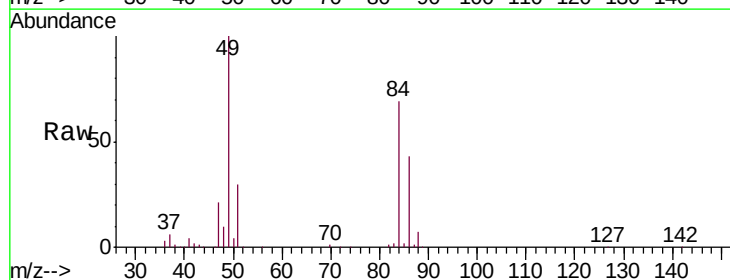
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

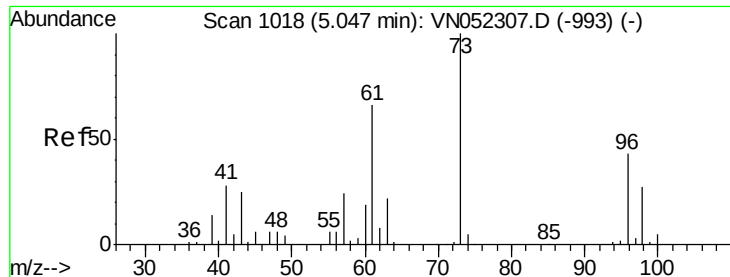
Tgt Ion: 73 Resp: 880344
Ion Ratio Lower Upper
73 100
57 24.2 18.7 28.1



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

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





#21

trans-1,2-Dichloroethene

Concen: 101.708 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

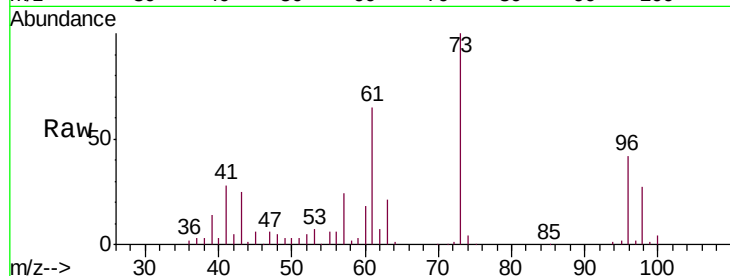
Tgt Ion: 96 Resp: 313681

Ion Ratio Lower Upper

96 100

61 155.7 123.6 185.4

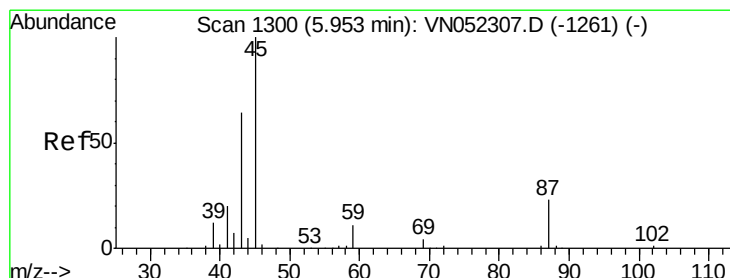
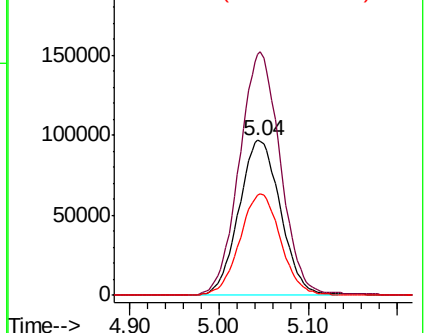
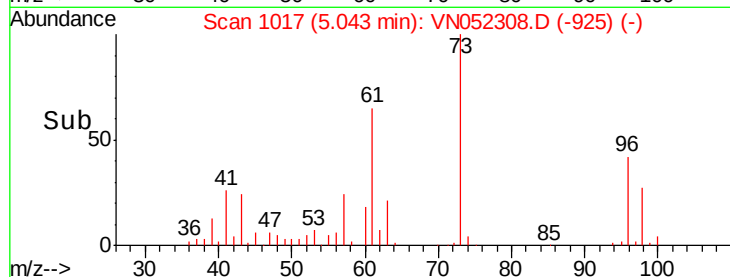
98 64.7 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VN052308.D (-925) (-)

Ion 60.90 (60.60 to 61.60): VN052308.D (-925) (-)

Ion 97.90 (97.60 to 98.60): VN052308.D (-925) (-)



#22

Diisopropyl ether

Concen: 100.187 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Tgt Ion: 45 Resp: 1263083

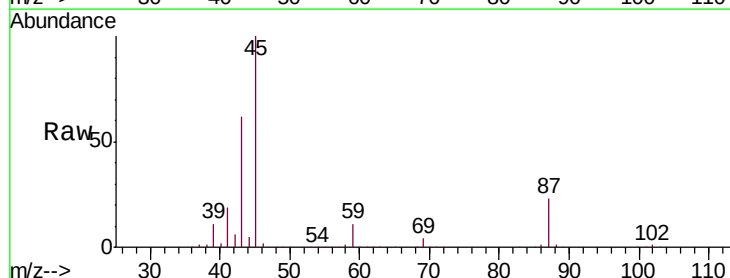
Ion Ratio Lower Upper

45 100

43 61.1 51.4 77.2

87 23.0 18.8 28.2

59 10.5 8.6 12.8

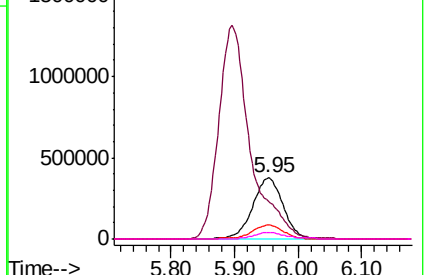
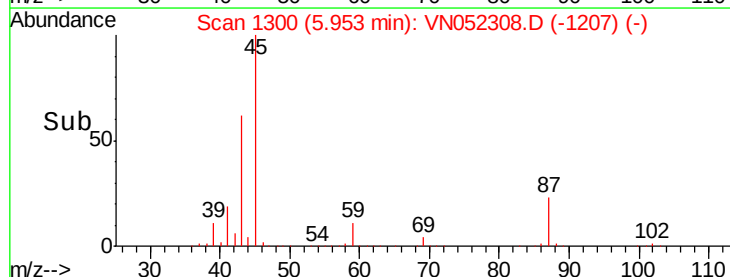


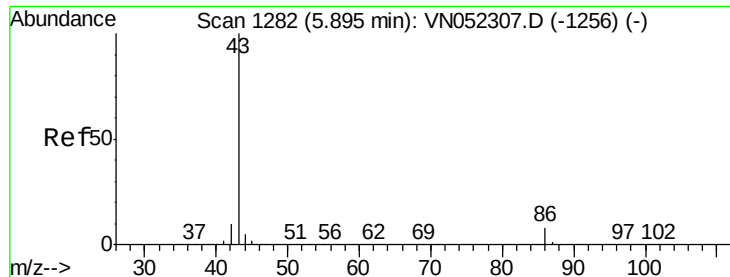
Abundance Ion 45.00 (44.70 to 45.70): VN052308.D (-1207) (-)

Ion 43.00 (42.70 to 43.70): VN052308.D (-1207) (-)

Ion 87.00 (86.70 to 87.70): VN052308.D (-1207) (-)

Ion 59.00 (58.70 to 59.70): VN052308.D (-1207) (-)





#23

Vinyl Acetate

Concen: 536.789 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

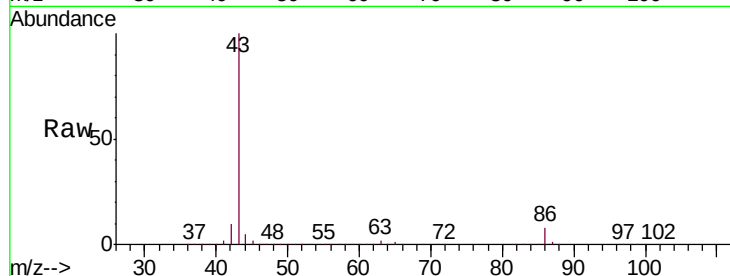
VSTDICC100

Tgt Ion: 43 Resp: 4542216

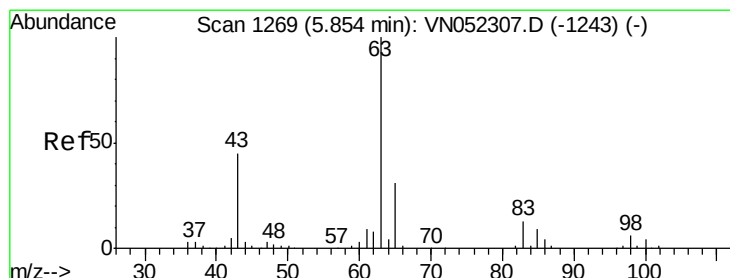
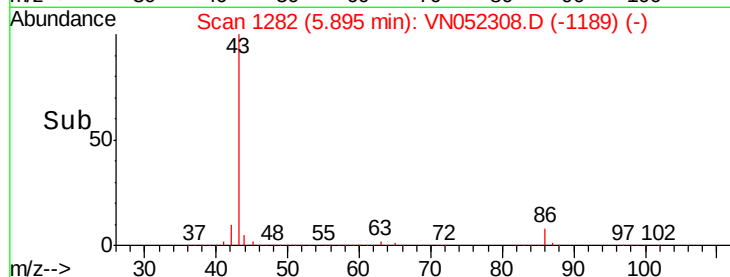
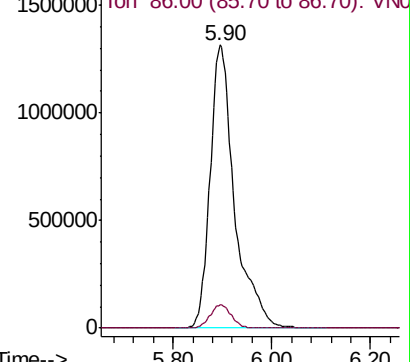
Ion Ratio Lower Upper

43 100

86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN052308.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 97.140 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

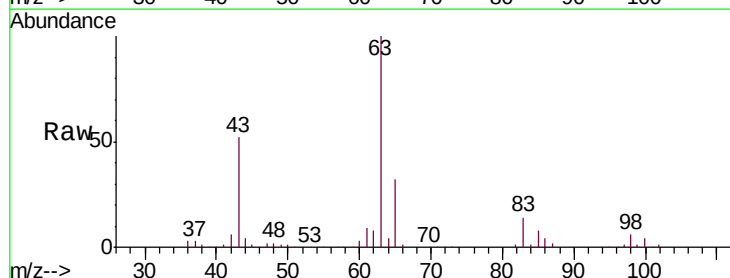
Tgt Ion: 63 Resp: 649741

Ion Ratio Lower Upper

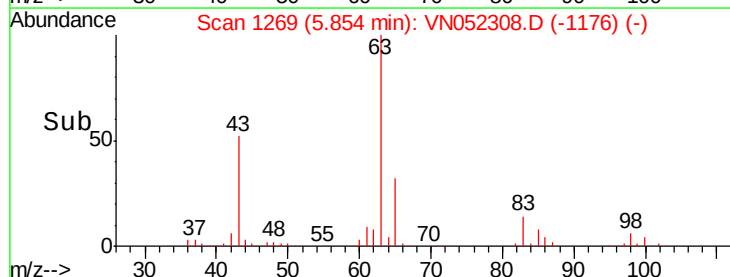
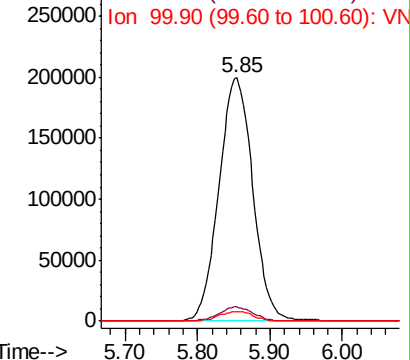
63 100

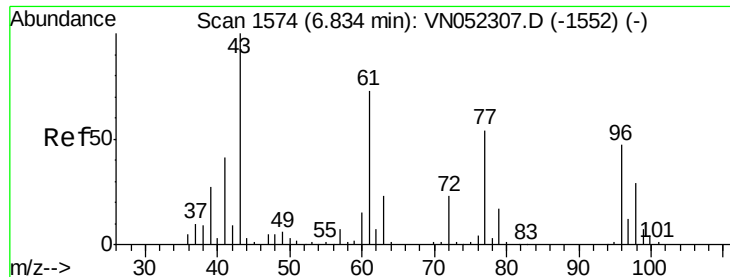
98 5.8 2.9 8.6

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN052308.D (-1176) (-)

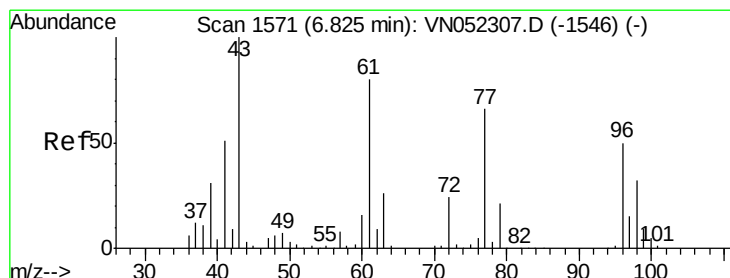
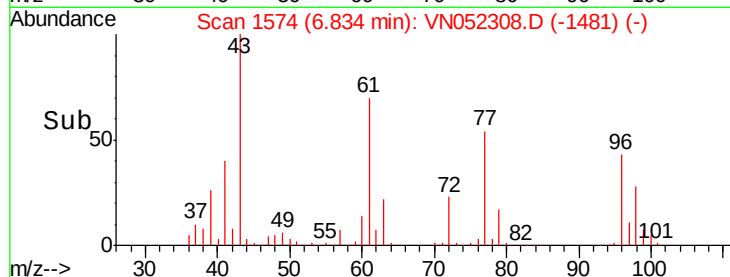
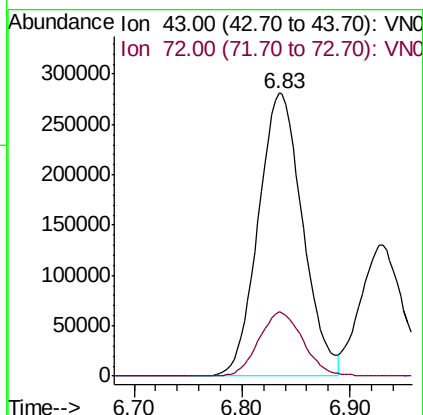
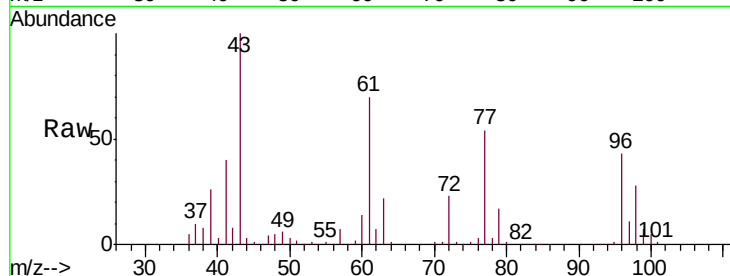




#25
2-Butanone
Concen: 504.802 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

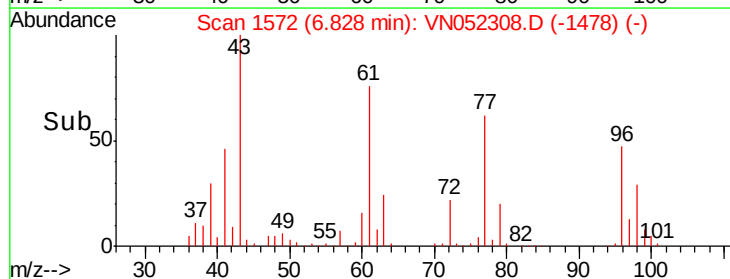
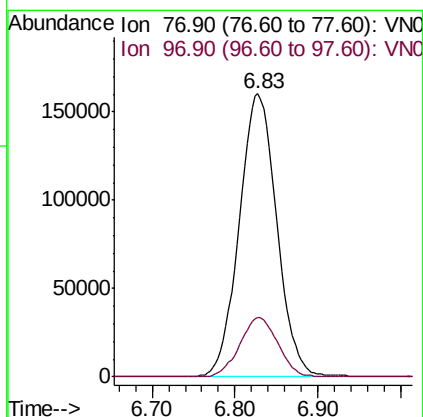
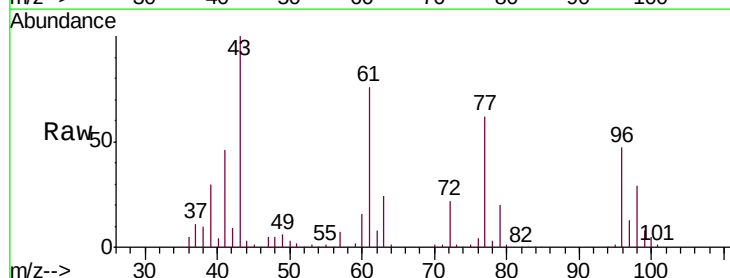
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

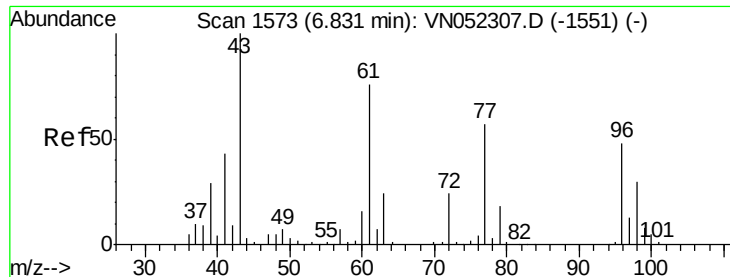
Tgt Ion: 43 Resp: 799184
Ion Ratio Lower Upper
43 100
72 22.7 18.6 27.8



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

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





#27

cis-1,2-Dichloroethene

Concen: 96.598 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

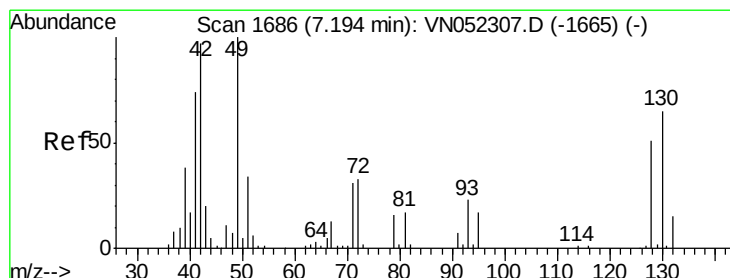
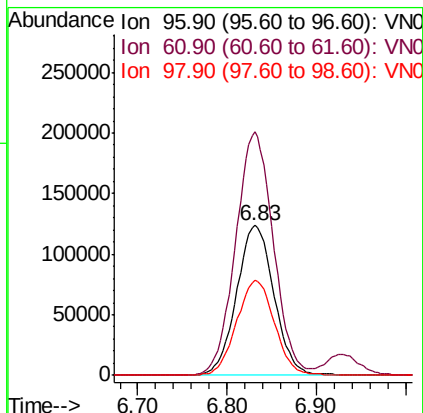
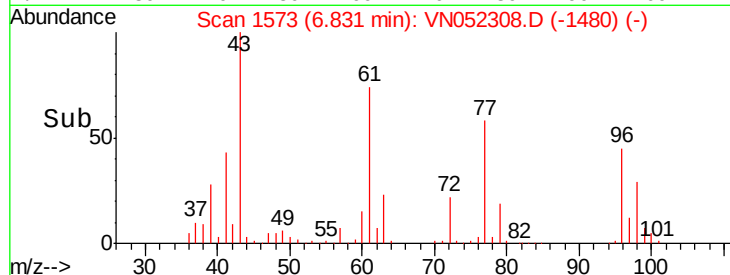
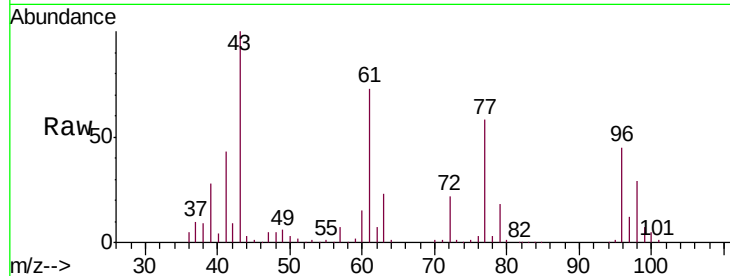
Tgt Ion: 96 Resp: 360477

Ion Ratio Lower Upper

96 100

61 163.5 0.0 316.8

98 64.5 0.0 126.6



#28

Bromochloromethane

Concen: 98.039 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

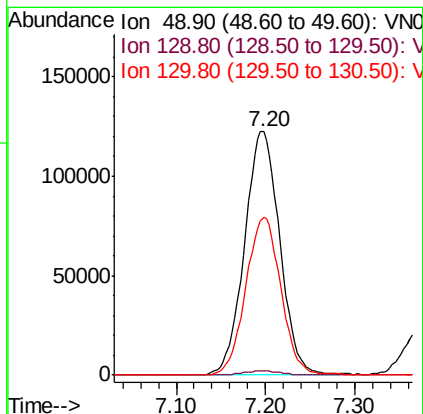
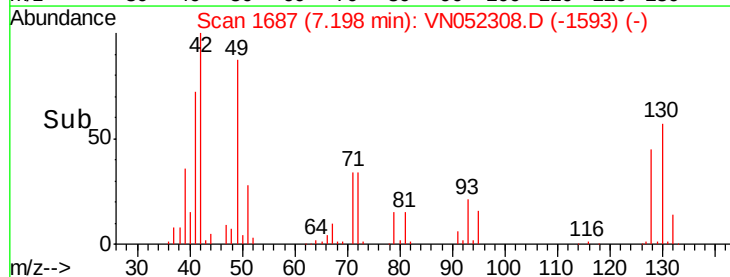
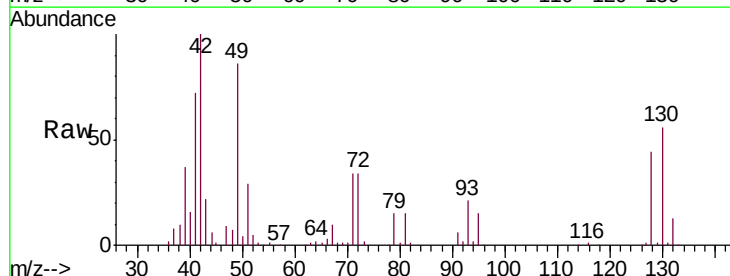
Tgt Ion: 49 Resp: 337176

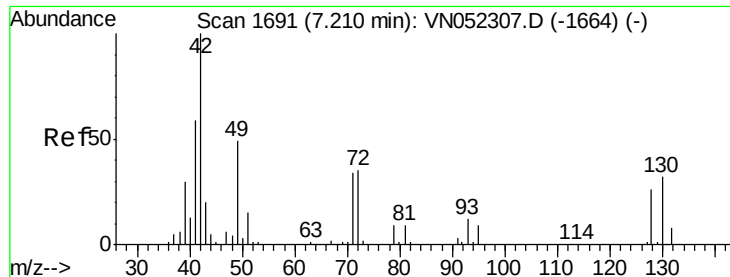
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.0

130 64.8 50.4 75.6

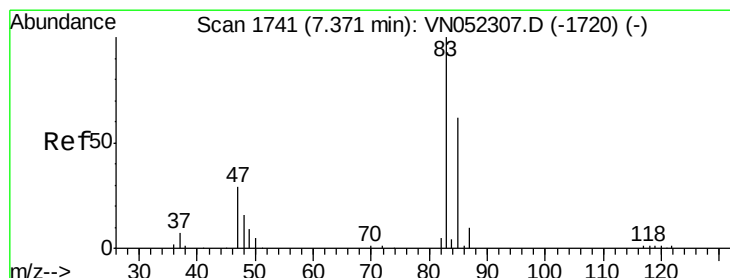
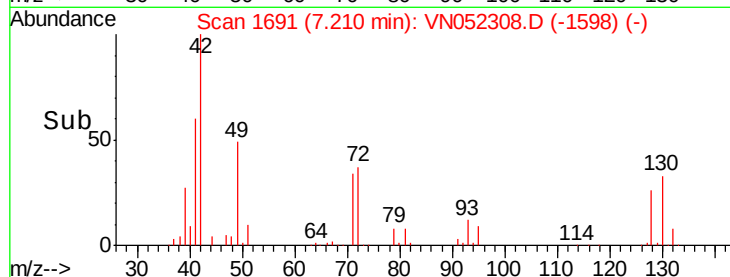
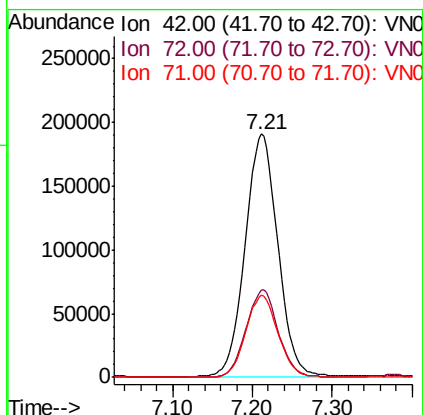
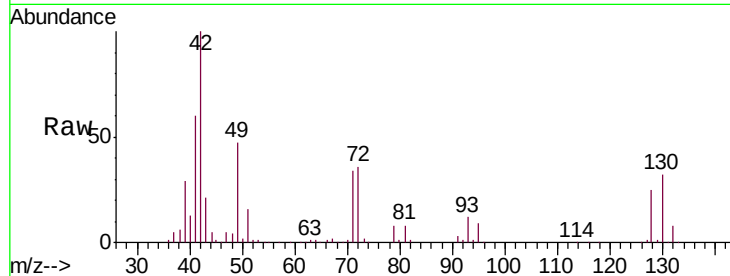




#29
Tetrahydrofuran
Concen: 506.436 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

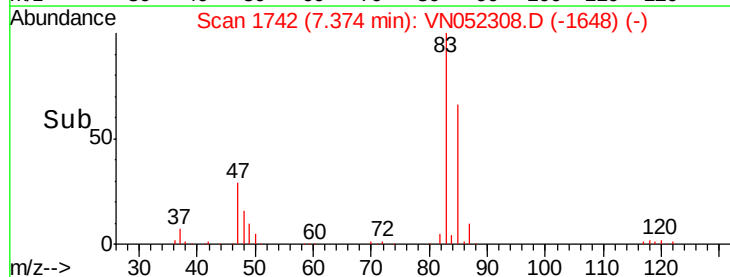
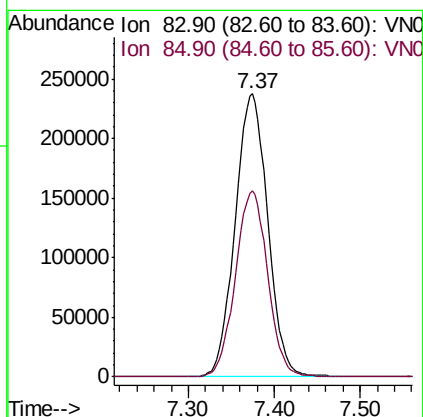
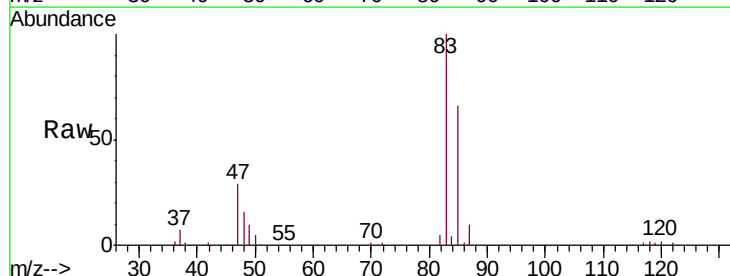
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

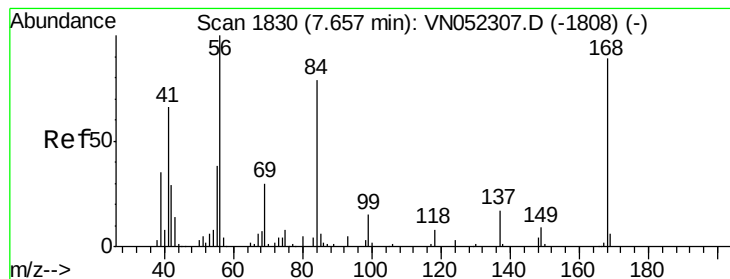
Tgt Ion: 42 Resp: 530837
Ion Ratio Lower Upper
42 100
72 35.5 28.6 42.8
71 33.5 26.7 40.1



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

Tgt Ion: 83 Resp: 625254
Ion Ratio Lower Upper
83 100
85 65.8 49.4 74.2





#31

Cyclohexane

Concen: 79.731 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

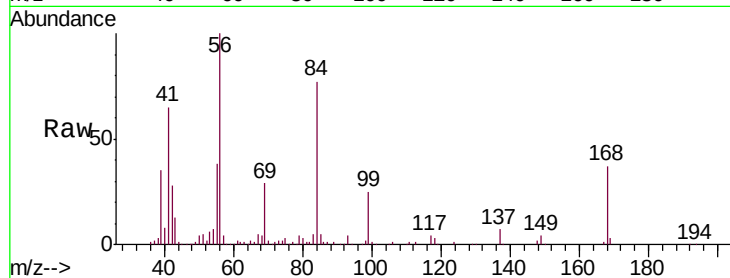
Tgt Ion: 56 Resp: 618273

Ion Ratio Lower Upper

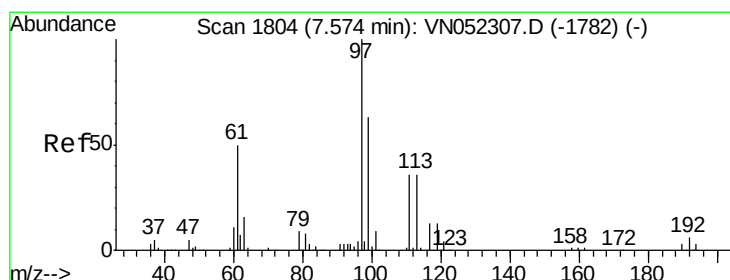
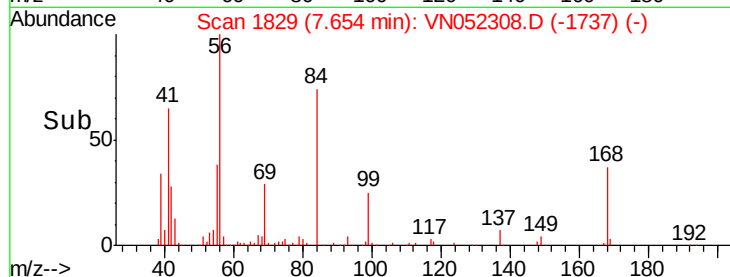
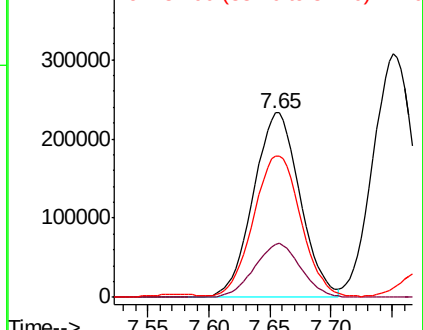
56 100

69 28.9 23.8 35.8

84 75.4 63.0 94.6



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: 99.206 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

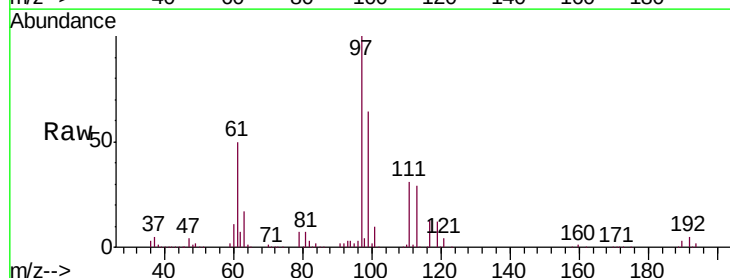
Tgt Ion: 97 Resp: 538708

Ion Ratio Lower Upper

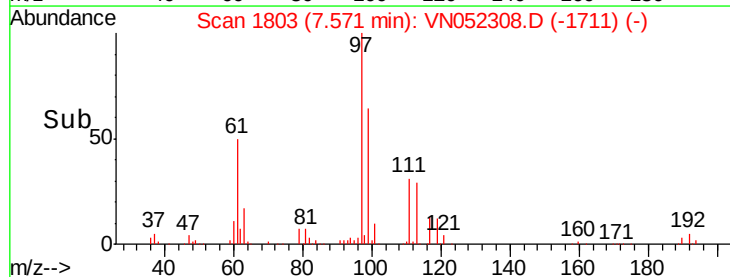
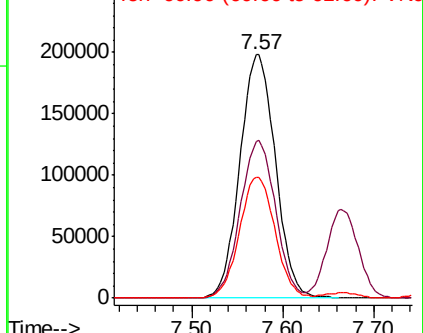
97 100

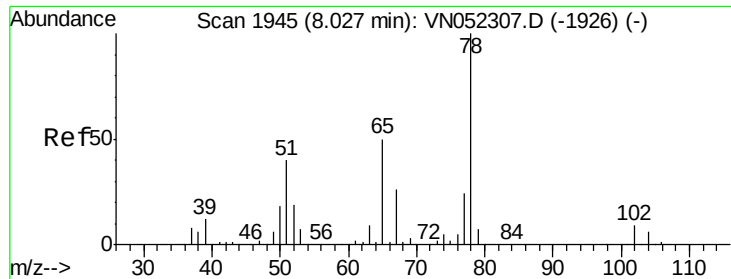
99 64.2 50.2 75.2

61 49.8 40.2 60.4



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

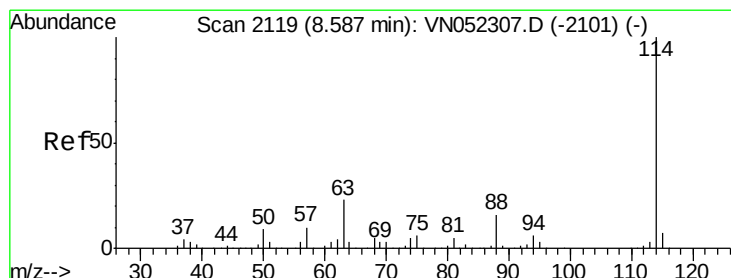
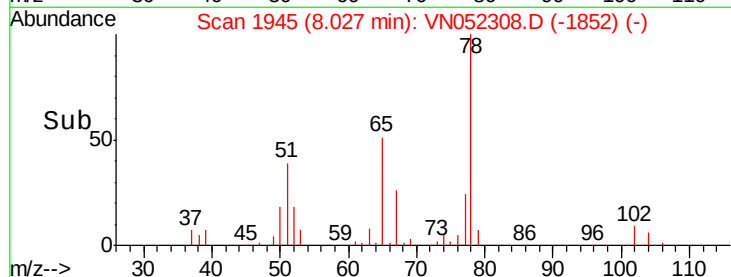
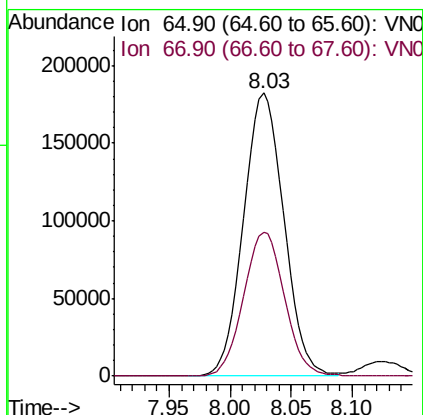
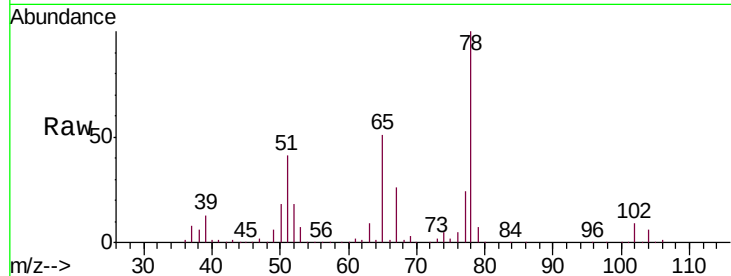




#33
 1,2-Dichloroethane-d4
 Concen: 99.206 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

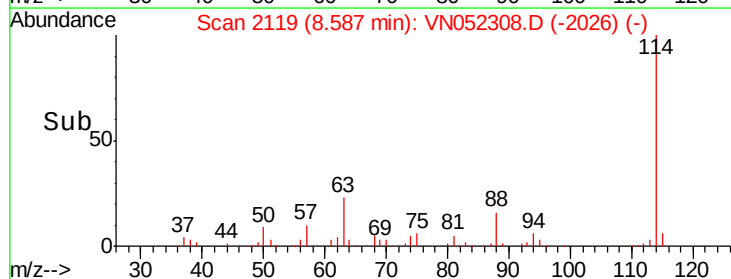
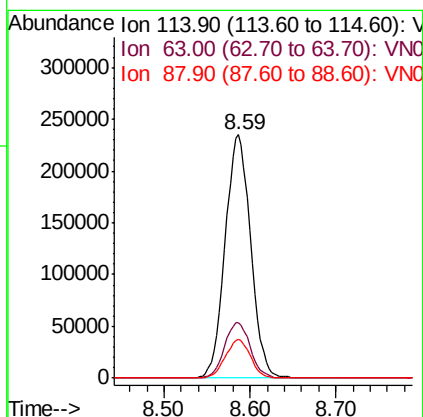
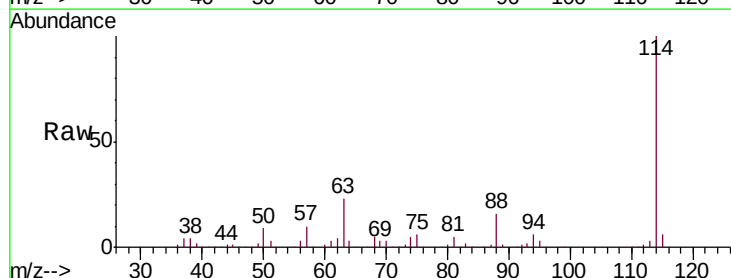
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

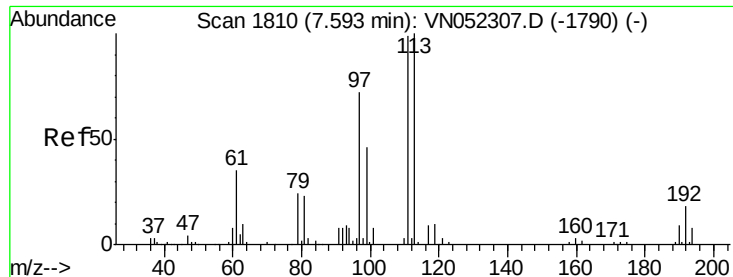
Tgt Ion: 65 Resp: 418044
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



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

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

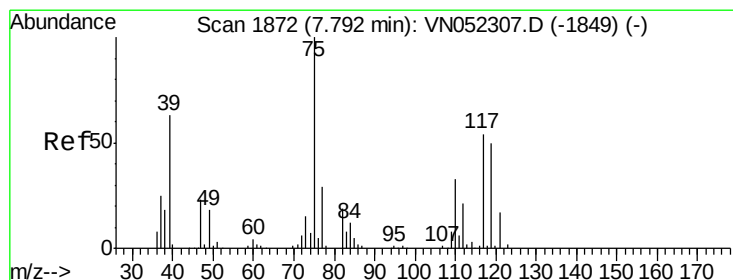
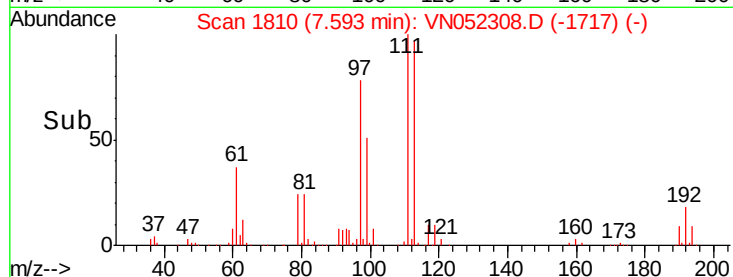
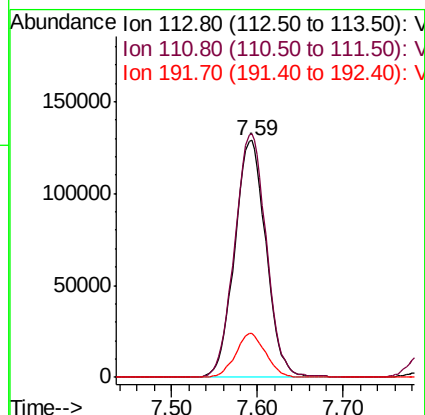
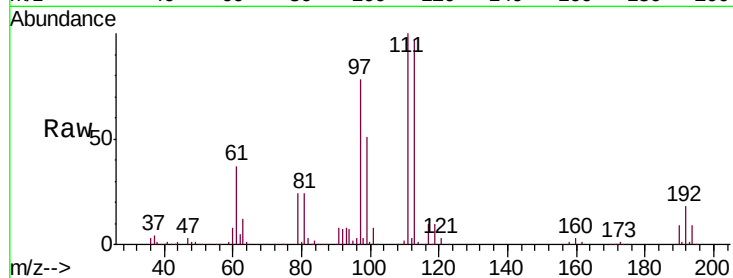




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

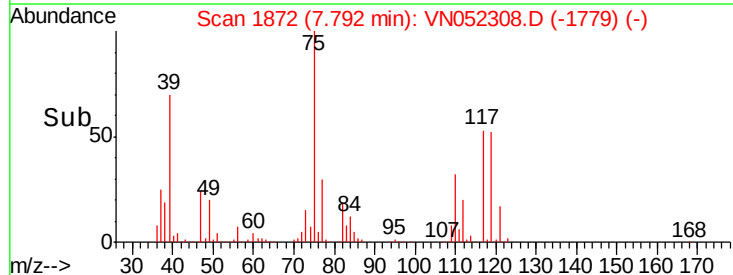
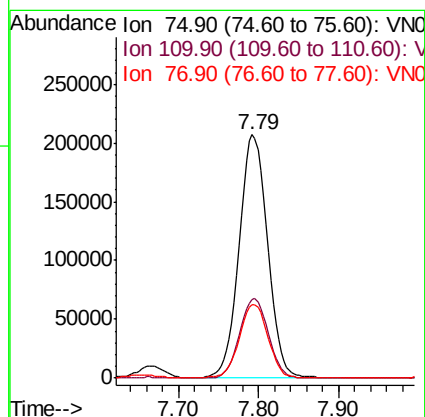
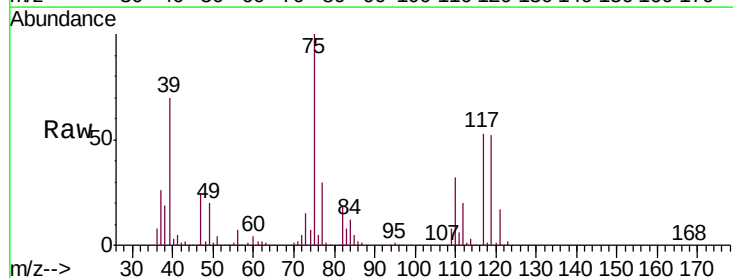
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

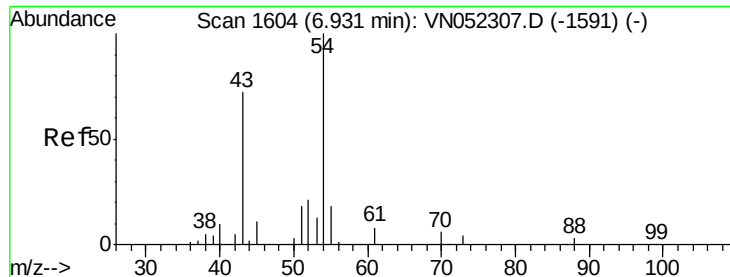
Tgt Ion: 113 Resp: 326687
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.0 121.6
 192 17.8 13.8 20.6



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

Tgt Ion: 75 Resp: 494443
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.5 49.5
 77 31.0 24.2 36.2

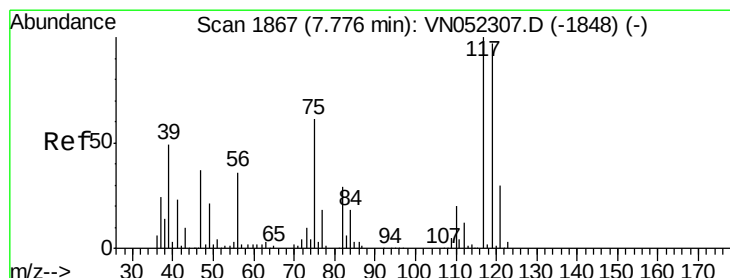
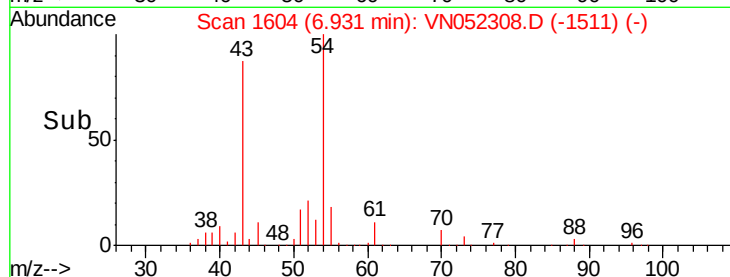
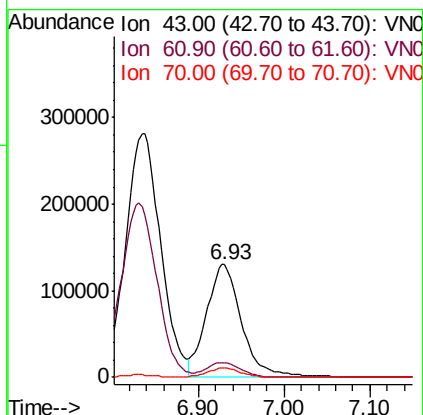
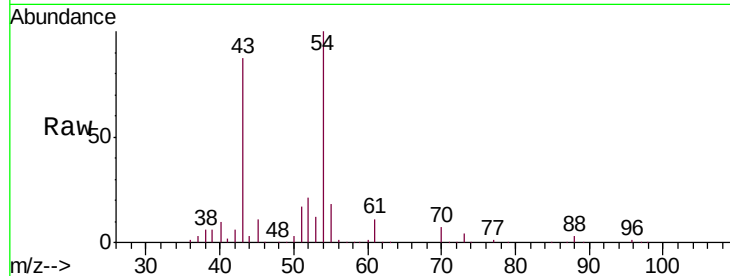




#37
Ethyl Acetate
Concen: 98.752 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

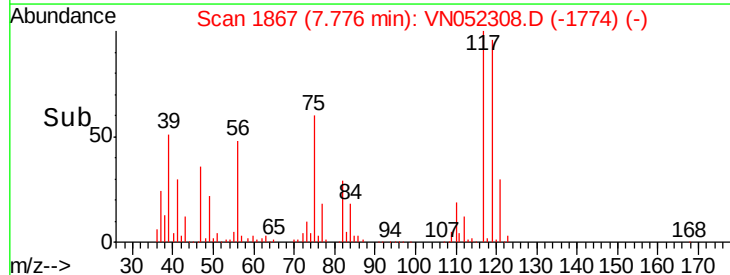
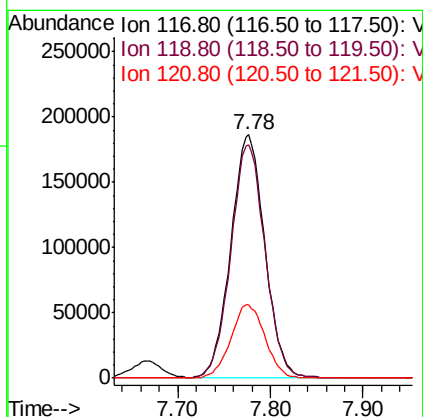
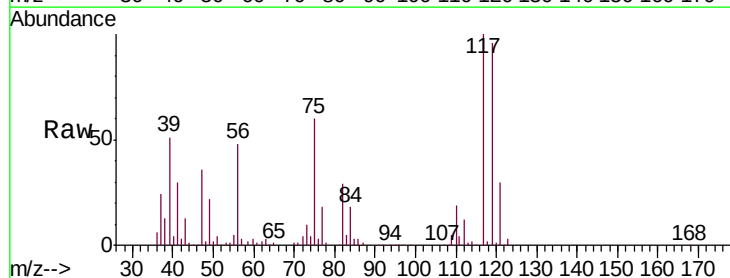
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

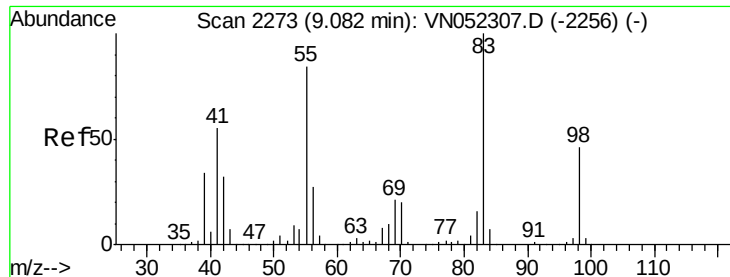
Tgt Ion: 43 Resp: 366366
Ion Ratio Lower Upper
43 100
61 12.6 10.3 15.5
70 7.8 5.6 8.4



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

Tgt Ion: 117 Resp: 471864
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
121 30.0 24.0 36.0

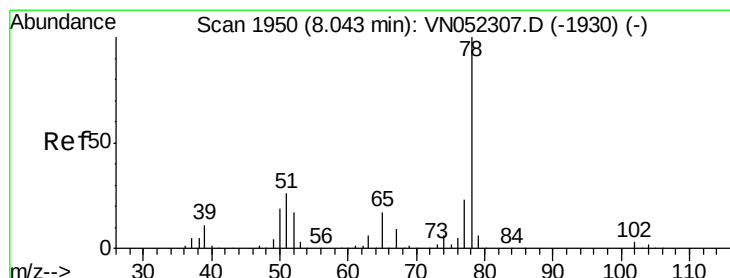
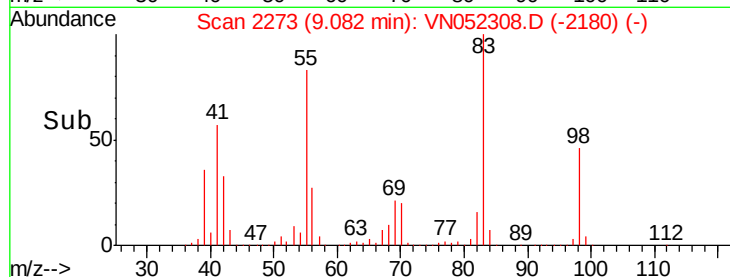
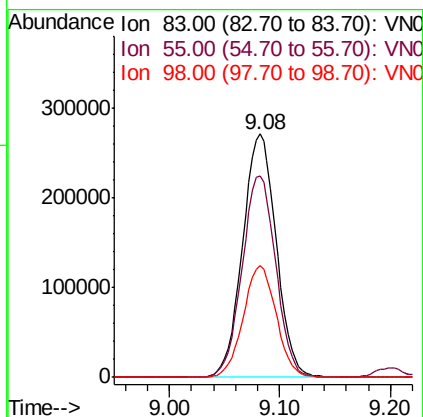
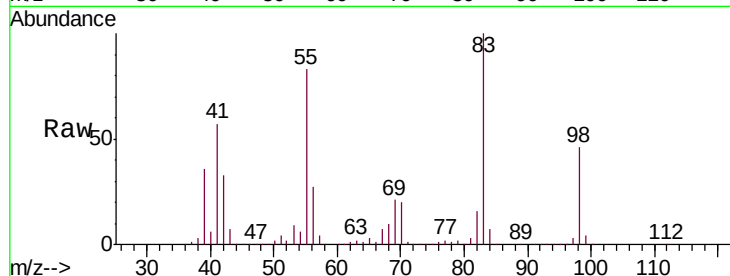




#39
Methylcyclohexane
Concen: 103.311 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

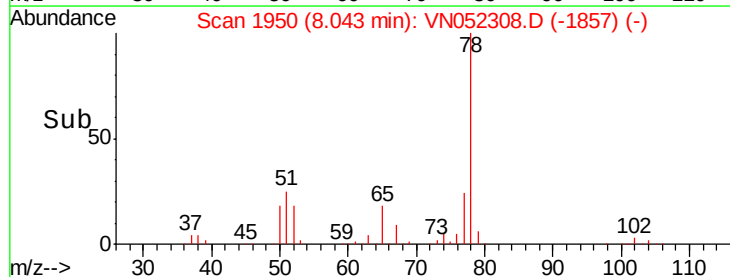
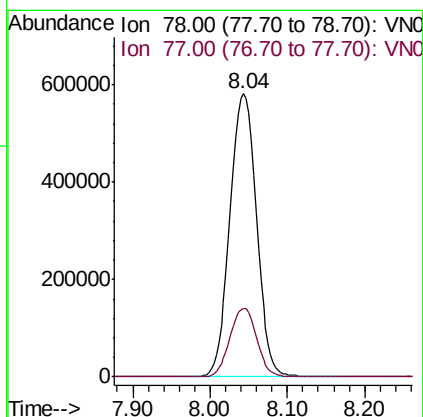
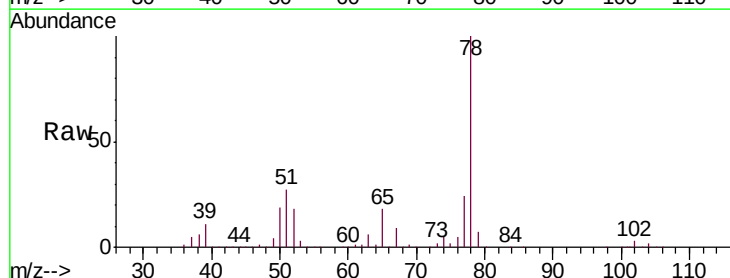
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

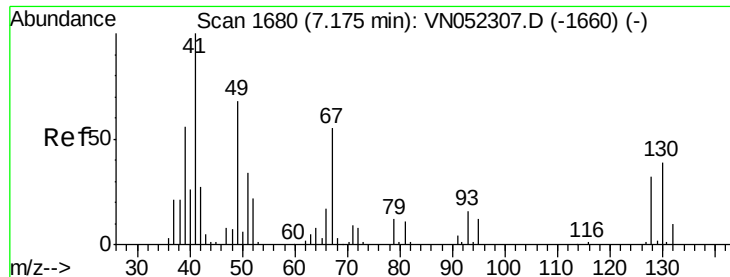
Tgt Ion: 83 Resp: 572653
Ion Ratio Lower Upper
83 100
55 83.0 66.8 100.2
98 45.7 36.4 54.6



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

Tgt Ion: 78 Resp: 1387461
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1





#41

Methacrylonitrile

Concen: 95.994 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 191645

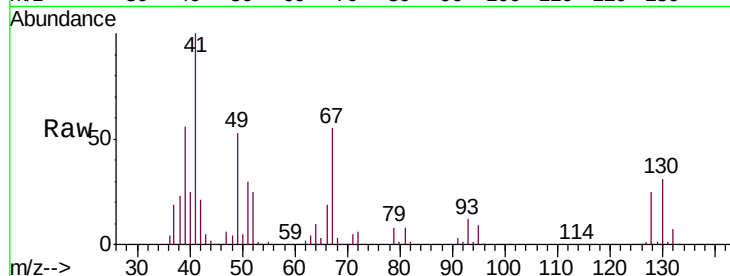
Ion Ratio Lower Upper

41 100

39 65.6 0.0 0.0#

67 71.1 0.0 0.0#

52 33.1 0.0 0.0#

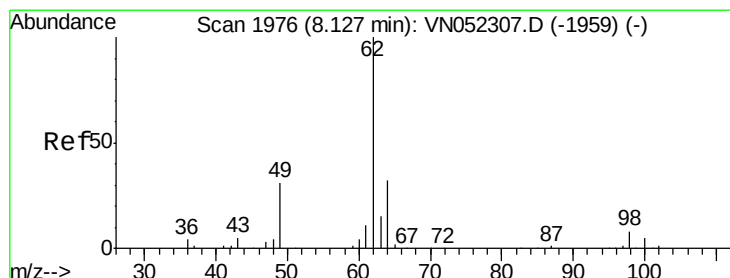
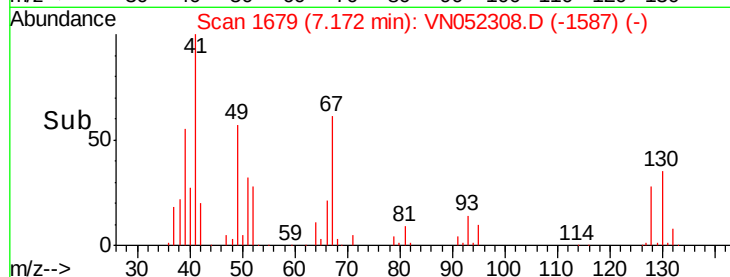
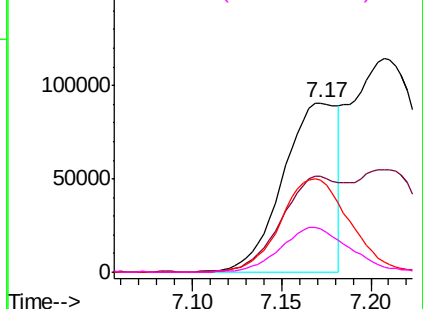


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 99.912 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN052308.D

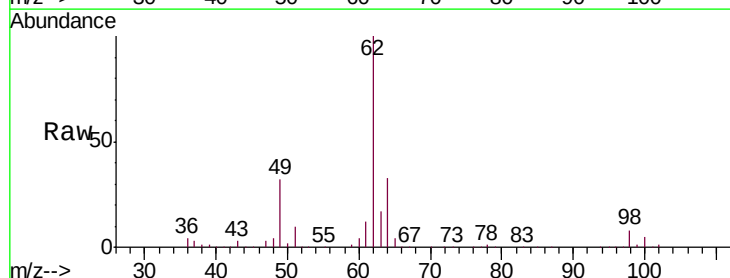
Acq: 14 Nov 2018 12:17

Tgt Ion: 62 Resp: 494208

Ion Ratio Lower Upper

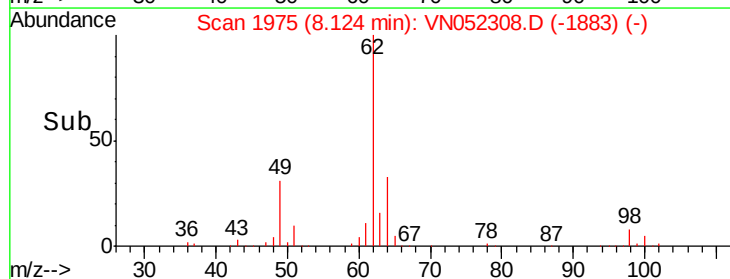
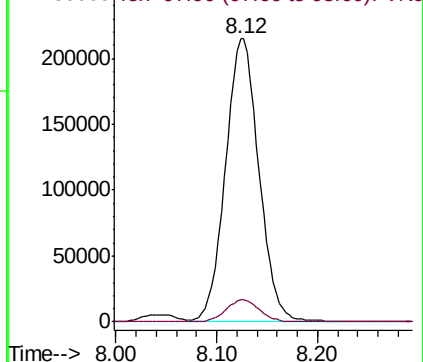
62 100

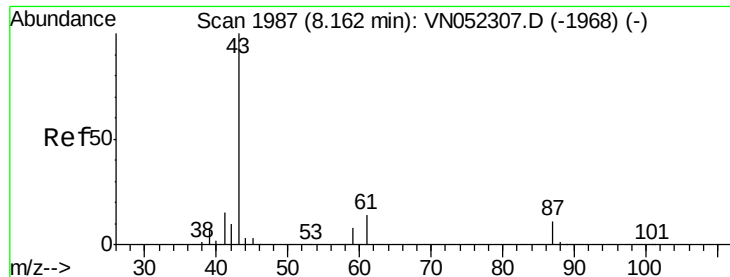
98 7.9 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 100.311 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

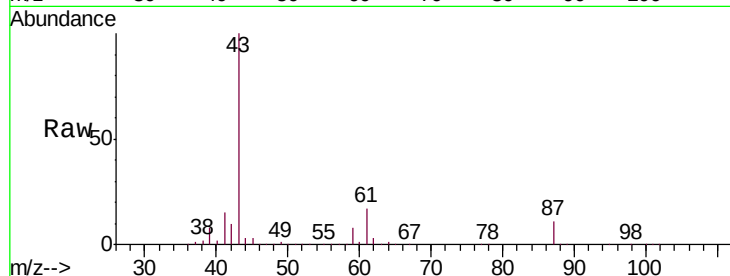
Tgt Ion: 43 Resp: 682108

Ion Ratio Lower Upper

43 100

61 24.2 12.0 18.0#

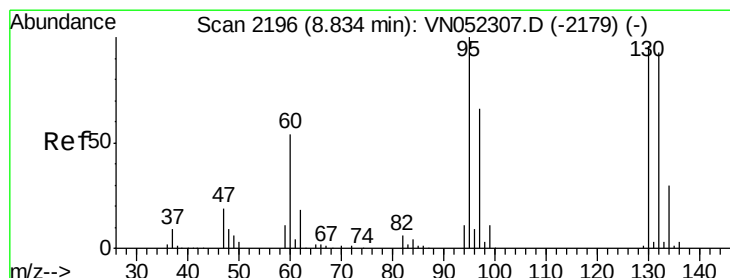
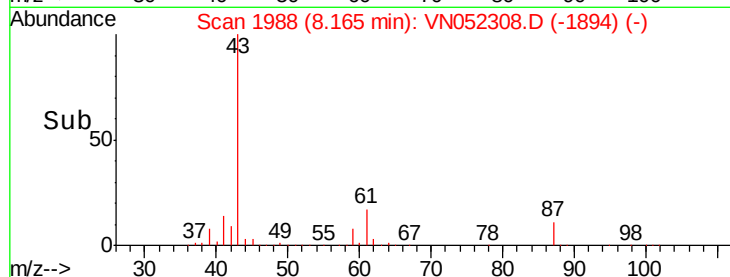
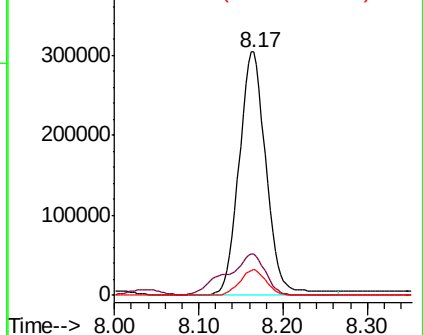
87 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#44

Trichloroethene

Concen: 102.232 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052308.D

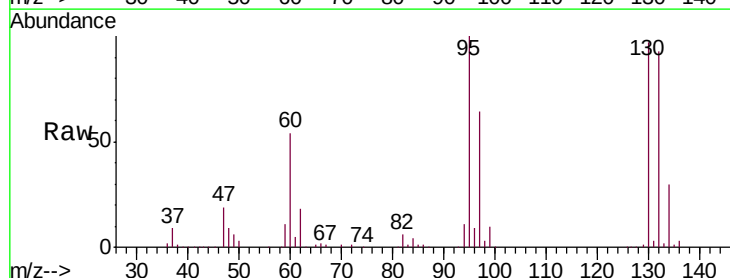
Acq: 14 Nov 2018 12:17

Tgt Ion: 130 Resp: 349315

Ion Ratio Lower Upper

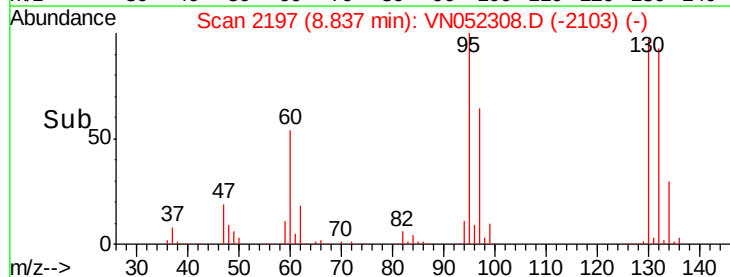
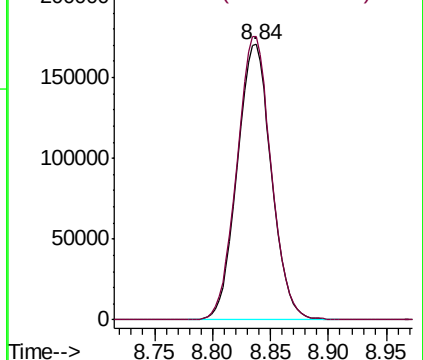
130 100

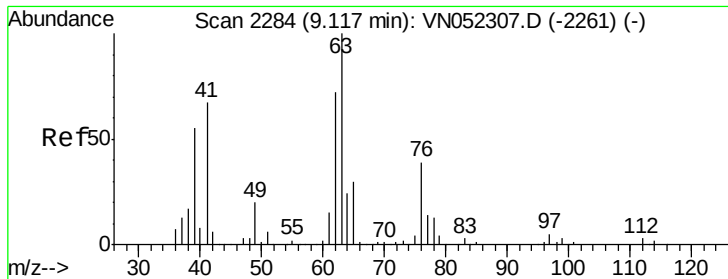
95 102.8 0.0 208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052308.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN052308.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 99.154 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

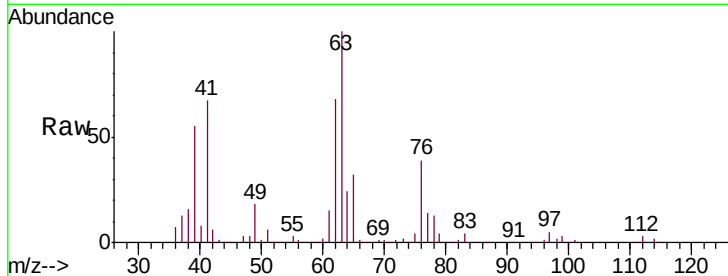
VSTDIC100

Tgt Ion: 63 Resp: 390333

Ion Ratio Lower Upper

63 100

65 31.6 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VN052307.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN052307.D (-2261) (-)

9.12

200000

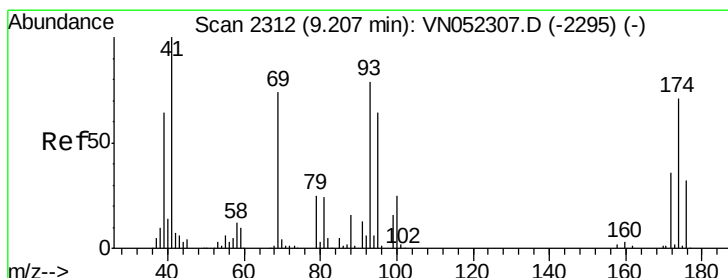
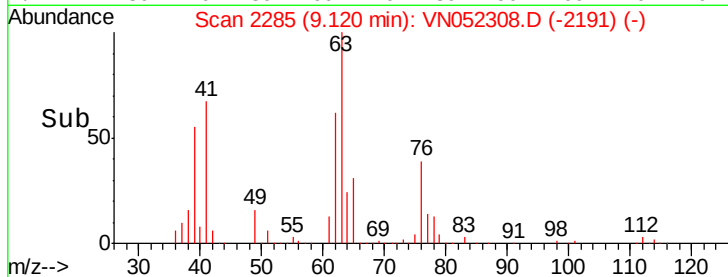
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 100.045 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

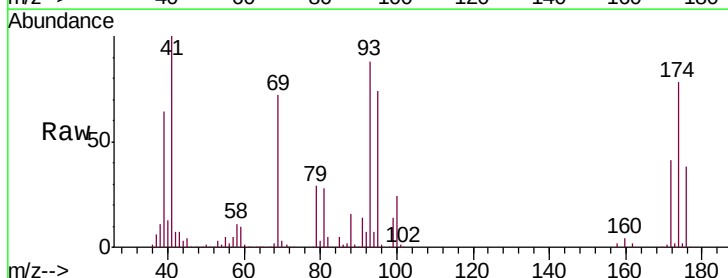
Tgt Ion: 93 Resp: 227994

Ion Ratio Lower Upper

93 100

95 83.4 64.2 96.2

174 89.2 70.9 106.3



Abundance Ion 92.80 (92.50 to 93.50): VN052307.D (-2295) (-)

Ion 94.80 (94.50 to 95.50): VN052307.D (-2295) (-)

Ion 173.70 (173.40 to 174.40): VN052307.D (-2295) (-)

9.21

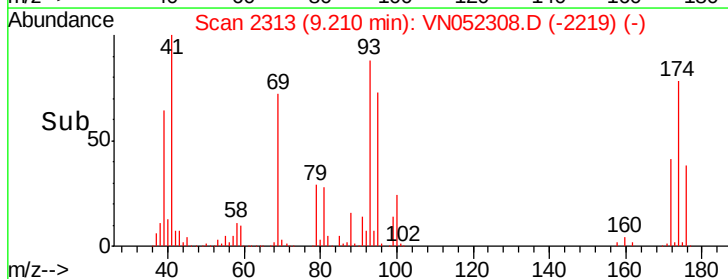
150000

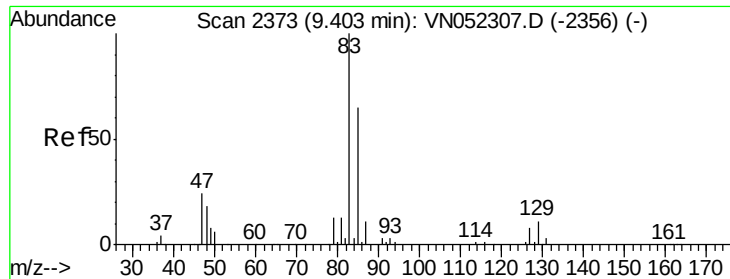
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 104.446 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

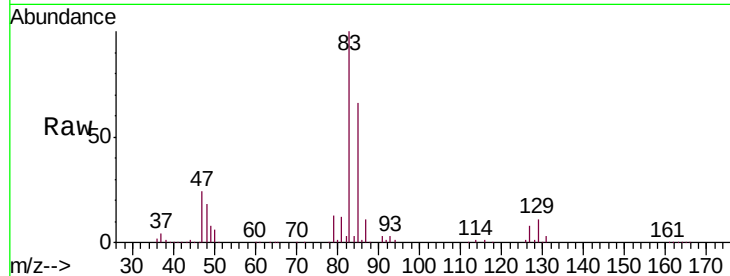
Tgt Ion: 83 Resp: 488448

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.4

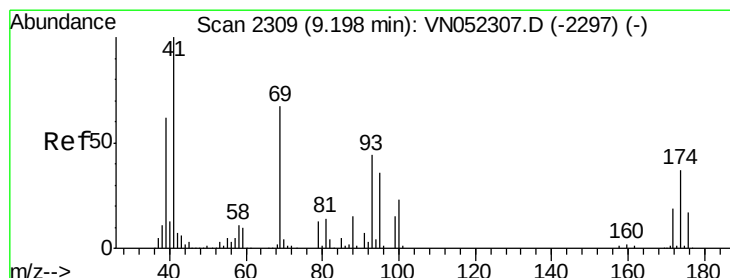
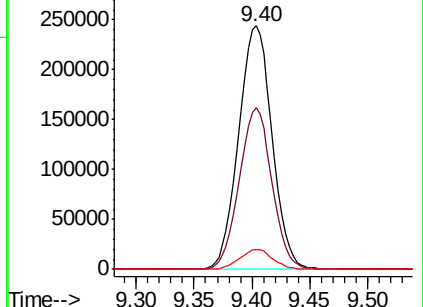
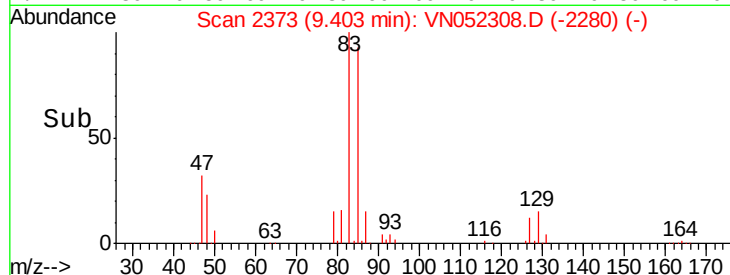
127 8.2 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN052308.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052308.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052308.D (-2280) (-)



#48

Methyl methacrylate

Concen: 99.832 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

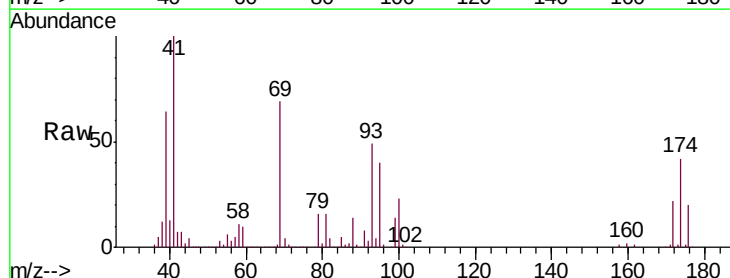
Tgt Ion: 41 Resp: 344463

Ion Ratio Lower Upper

41 100

69 72.9 57.1 85.7

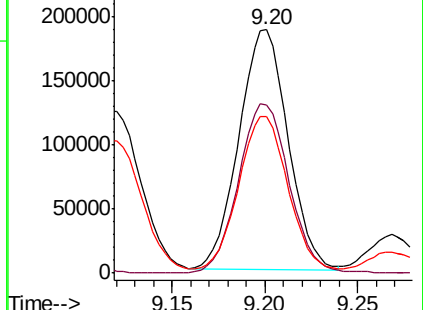
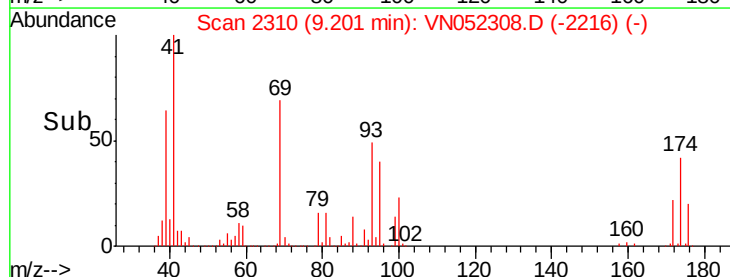
39 66.8 52.5 78.7

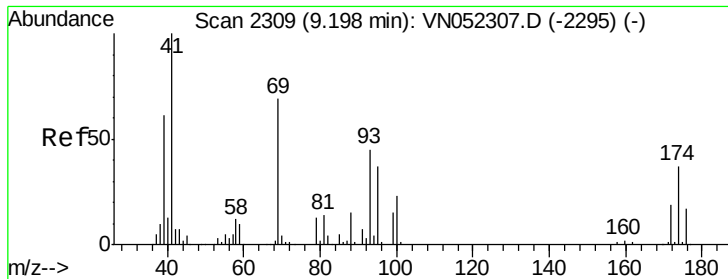


Abundance Ion 41.00 (40.70 to 41.70): VN052308.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052308.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052308.D (-2216) (-)





#49

1,4-Dioxane

Concen: 2164.818 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

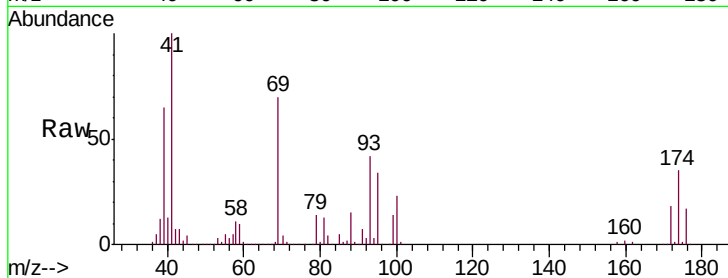
Tgt Ion: 88 Resp: 57340

Ion Ratio Lower Upper

88 100

43 44.8 33.3 49.9

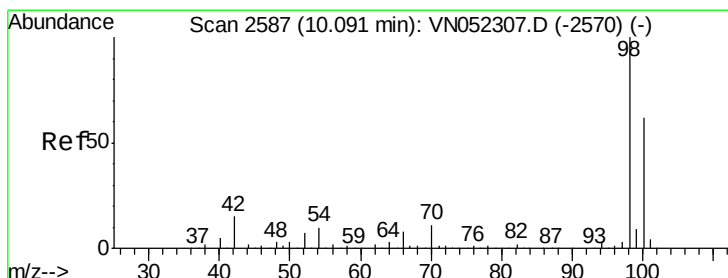
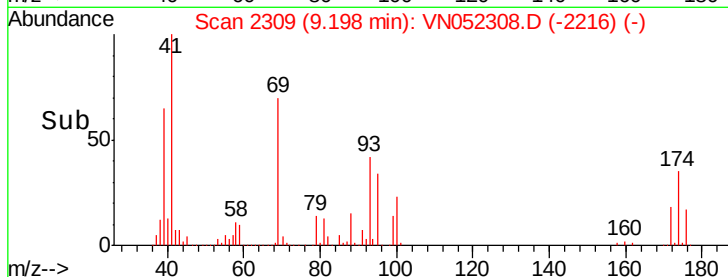
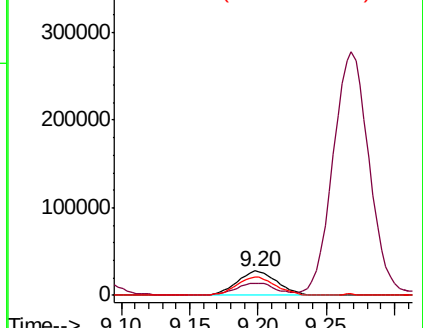
58 72.6 59.2 88.8



Abundance Ion 88.00 (87.70 to 88.70): VN052308.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN052308.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN052308.D (-2216) (-)



#50

Toluene-d8

Concen: 2164.818 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052308.D

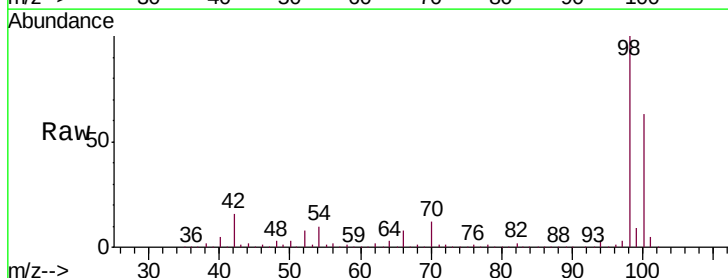
Acq: 14 Nov 2018 12:17

Tgt Ion: 98 Resp: 1281101

Ion Ratio Lower Upper

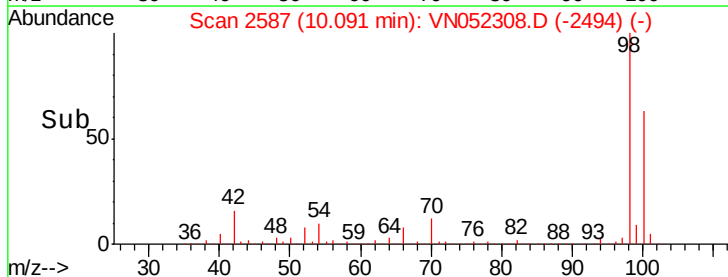
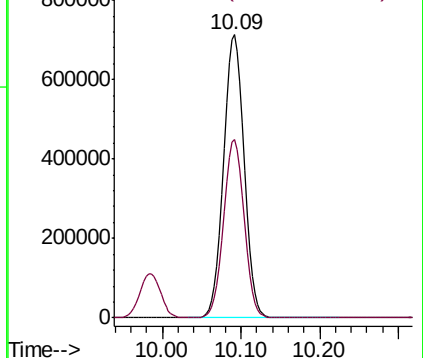
98 100

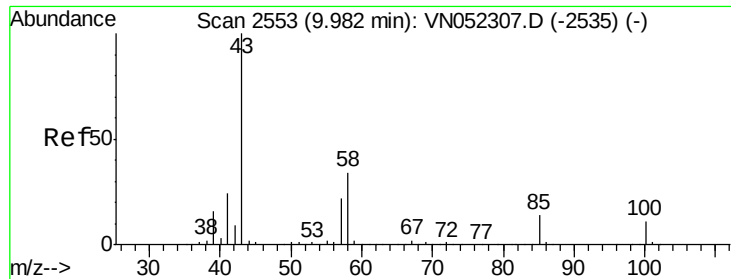
100 62.9 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052308.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052308.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 529.239 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

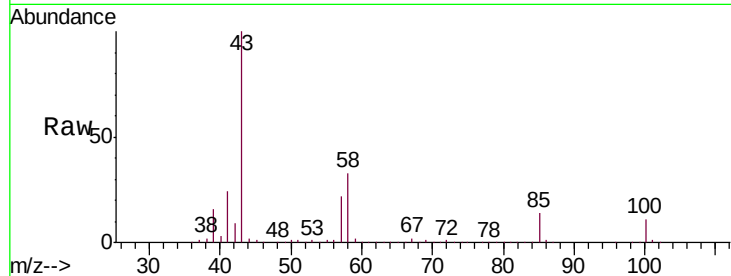
VSTDIC100

Tgt Ion: 43 Resp: 1811532

Ion Ratio Lower Upper

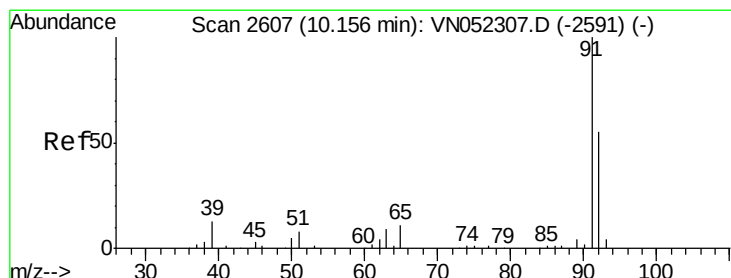
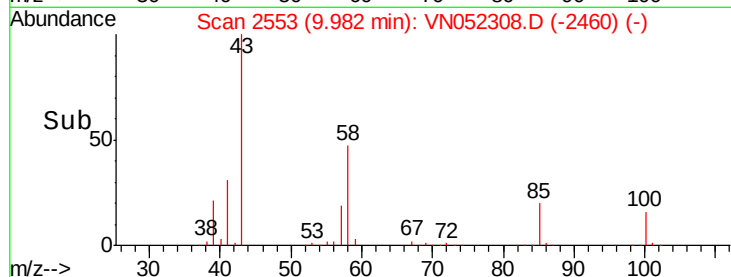
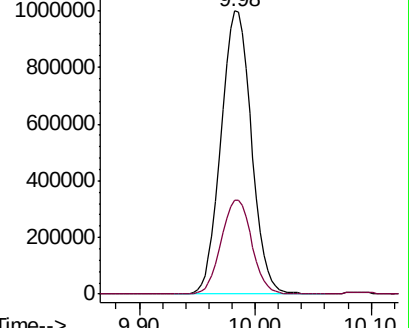
43 100

58 33.6 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-2535) (-)



#52

Toluene

Concen: 102.851 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052308.D

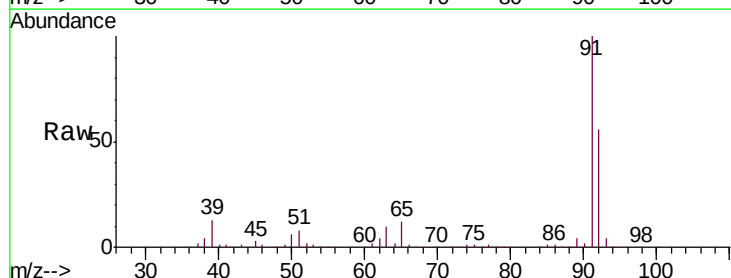
Acq: 14 Nov 2018 12:17

Tgt Ion: 92 Resp: 853461

Ion Ratio Lower Upper

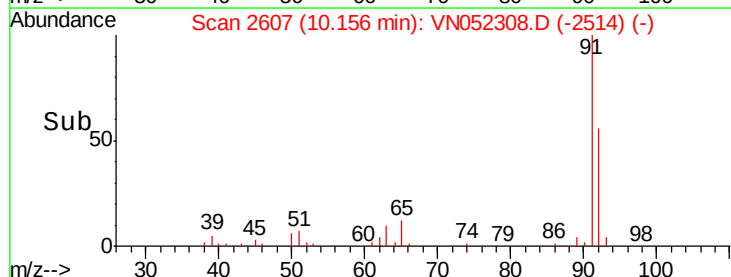
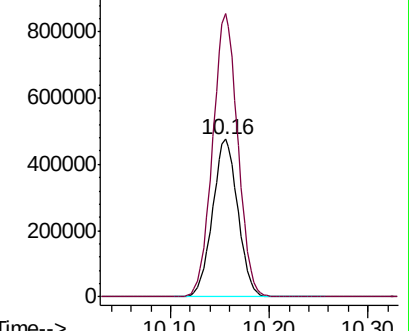
92 100

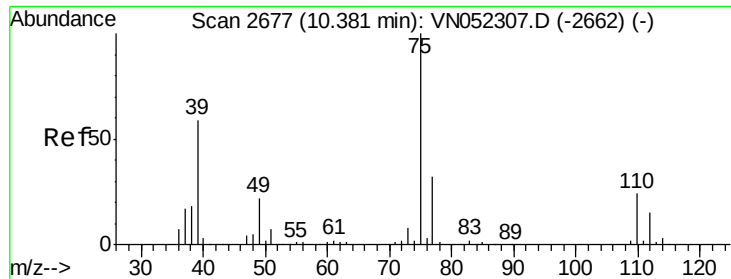
91 178.6 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN052307.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN052307.D (-2591) (-)





#53

t-1,3-Dichloropropene

Concen: 110.283 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

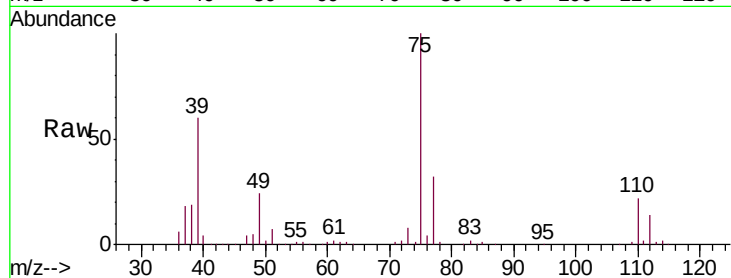
VSTDIC100

Tgt Ion: 75 Resp: 520151

Ion Ratio Lower Upper

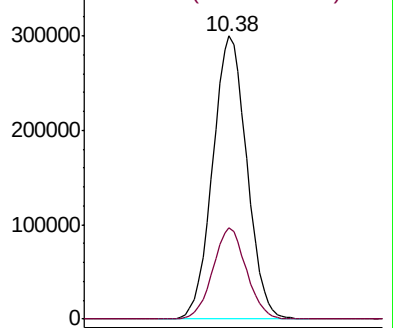
75 100

77 32.2 25.7 38.5

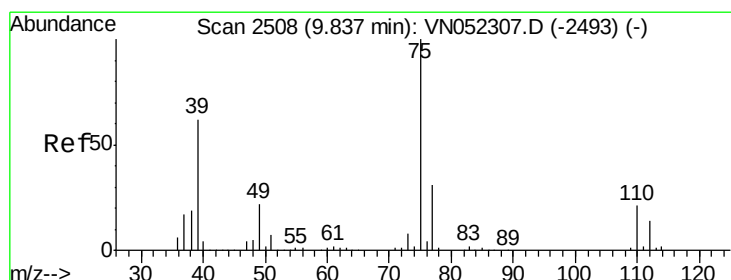
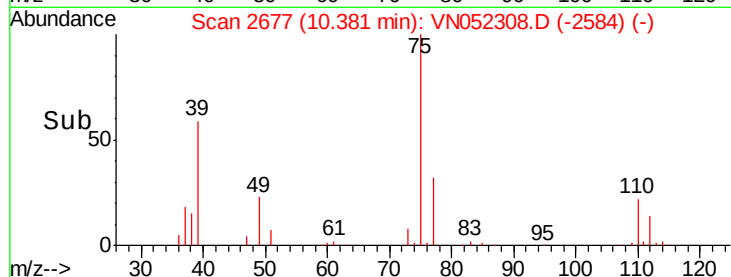


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 108.220 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

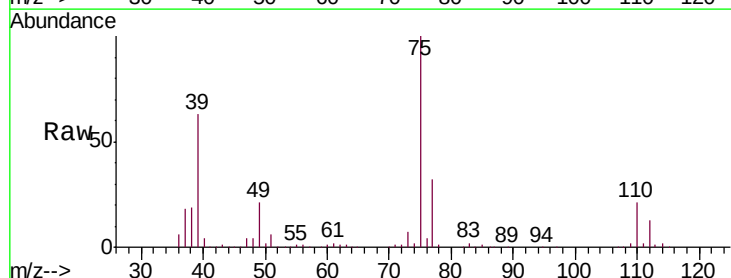
Tgt Ion: 75 Resp: 581865

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

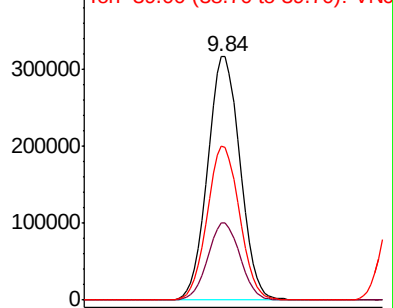
39 63.4 49.9 74.9



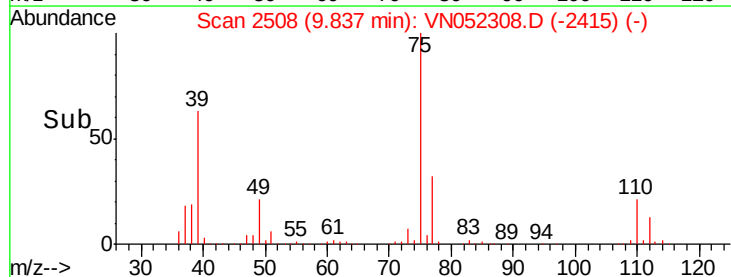
Abundance Ion 74.90 (74.60 to 75.60): VN0

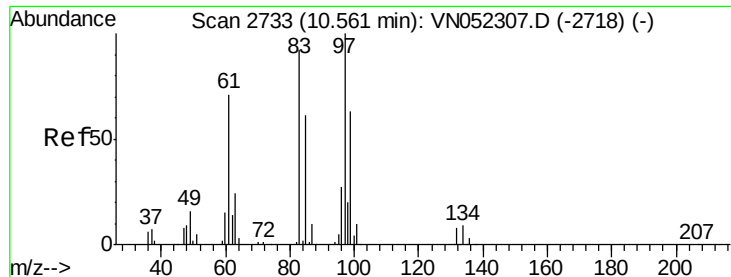
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->





#55

1,1,2-Trichloroethane

Concen: 102.203 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tgt Ion: 97 Resp: 307444

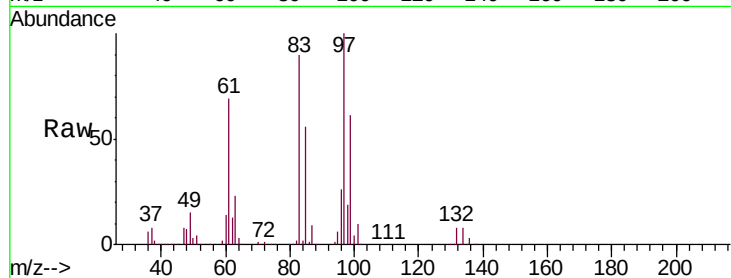
Ion Ratio Lower Upper

97 100

83 89.8 73.8 110.6

85 56.3 49.0 73.4

99 60.9 50.5 75.7

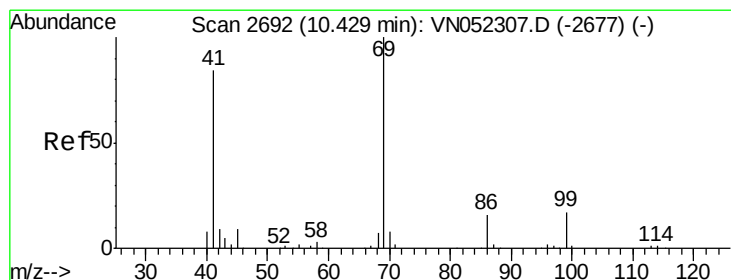
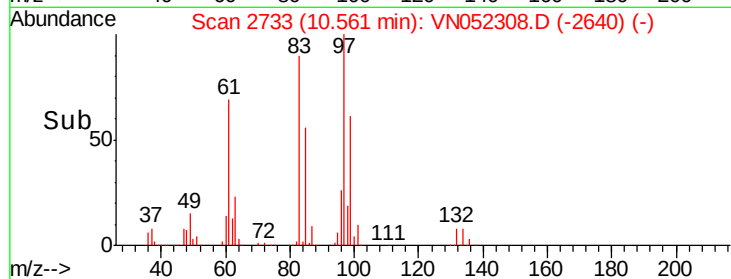
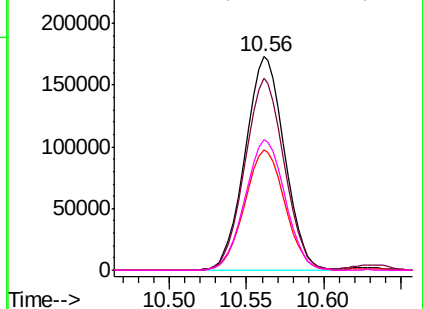


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 110.271 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

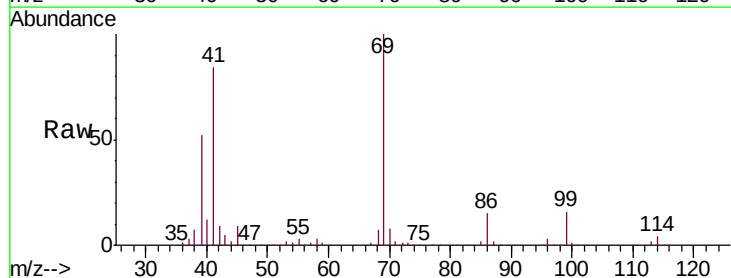
Tgt Ion: 69 Resp: 436246

Ion Ratio Lower Upper

69 100

41 82.3 64.8 97.2

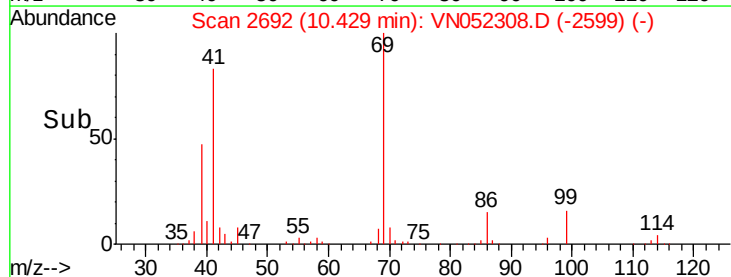
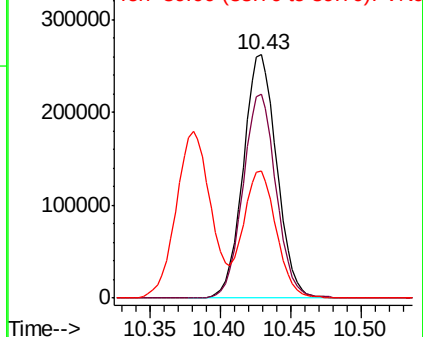
39 50.9 41.0 61.6

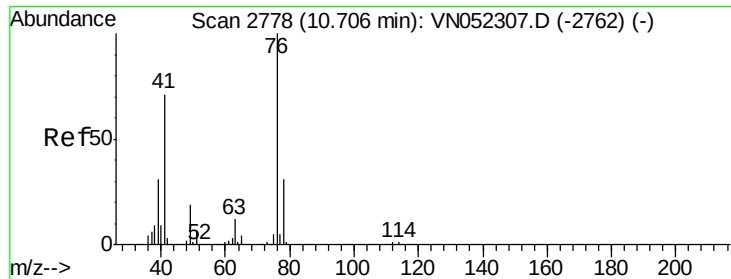


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

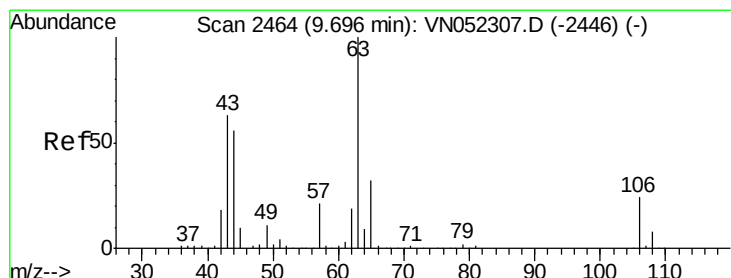
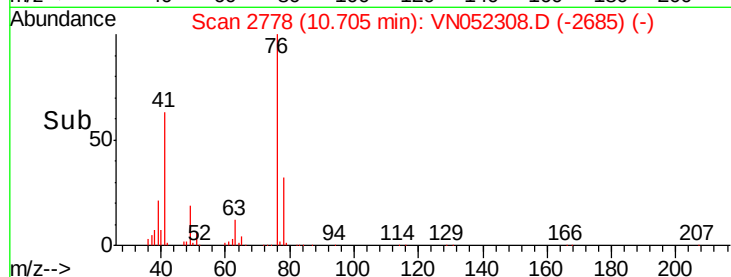
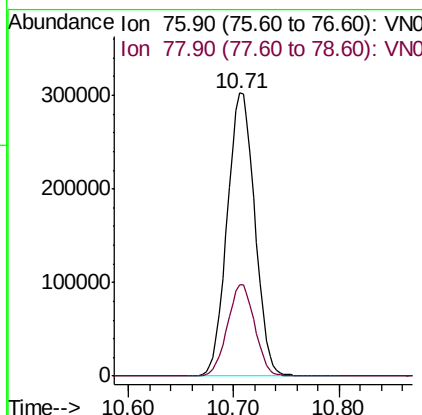
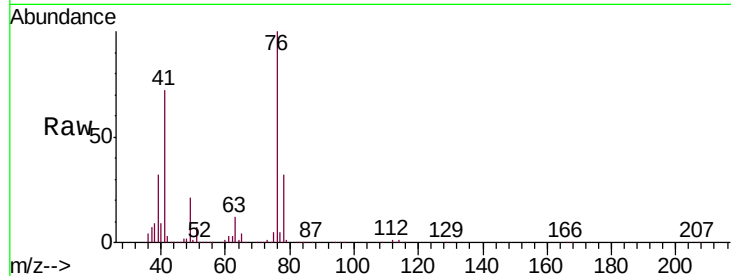




#57
 1,3-Dichloropropane
 Concen: 102.743 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

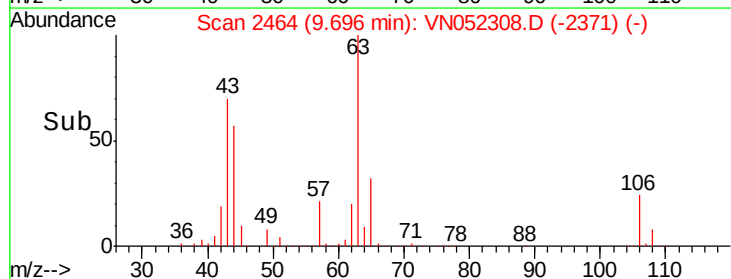
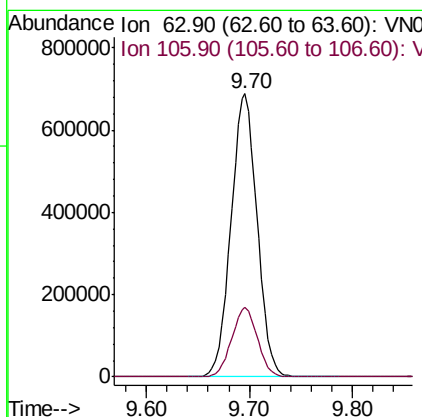
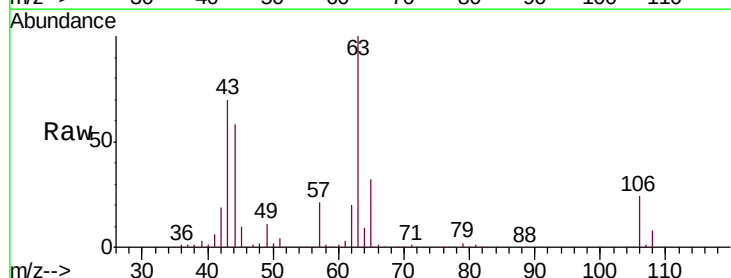
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

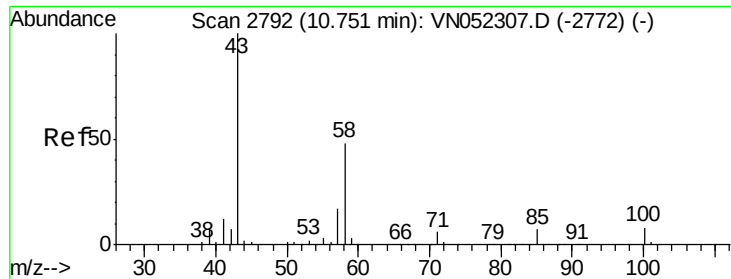
Tgt Ion: 76 Resp: 547439
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 538.675 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion: 63 Resp: 1213265
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.3 28.9

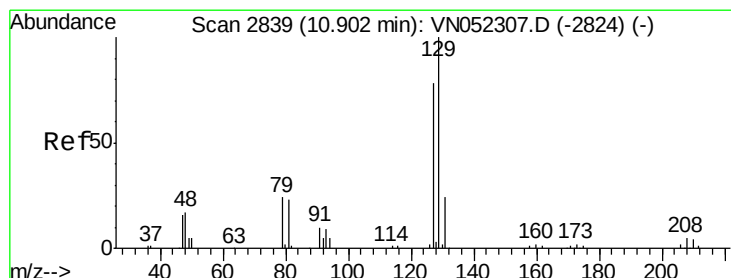
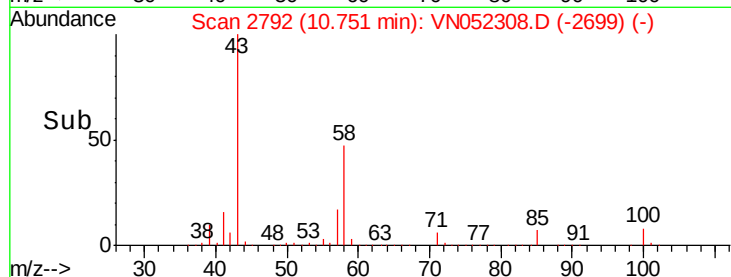
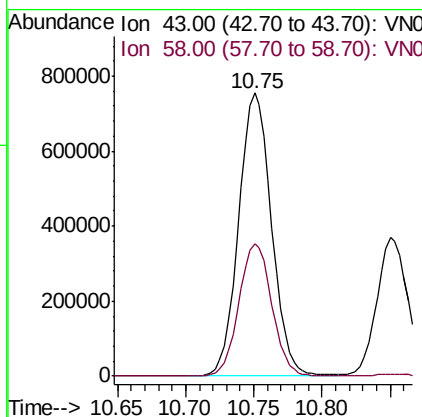
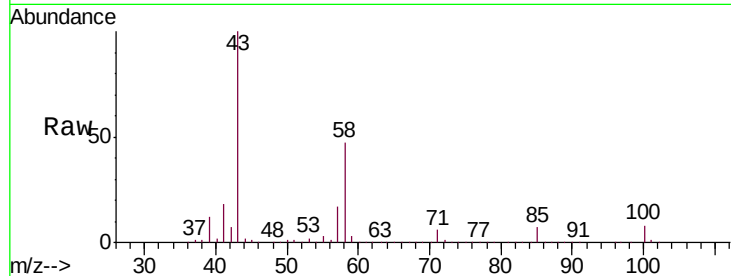




#59
2-Hexanone
Concen: 534.802 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

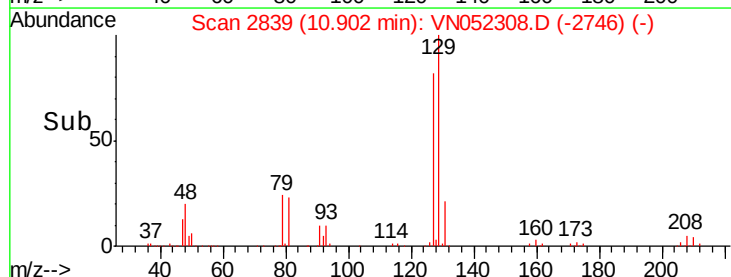
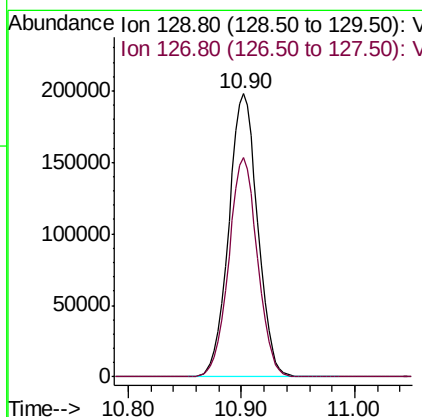
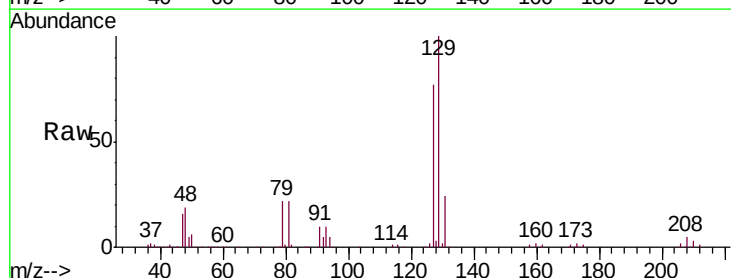
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

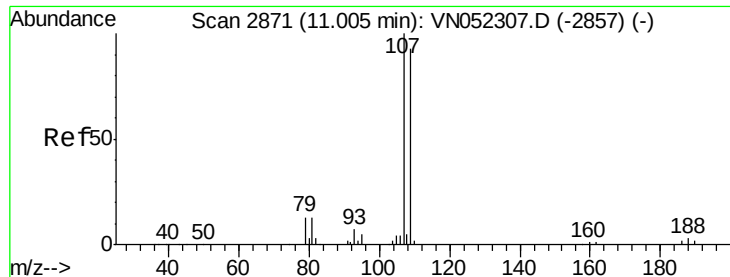
Tgt Ion: 43 Resp: 1259125
Ion Ratio Lower Upper
43 100
58 47.1 23.5 70.6



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

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

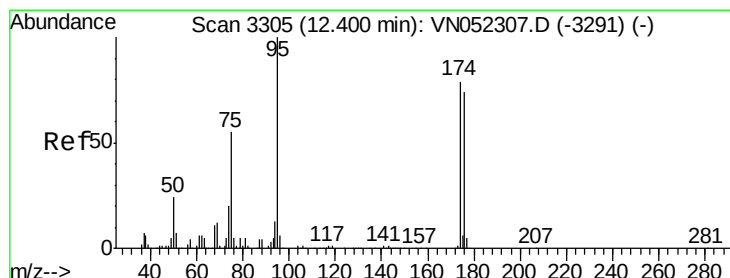
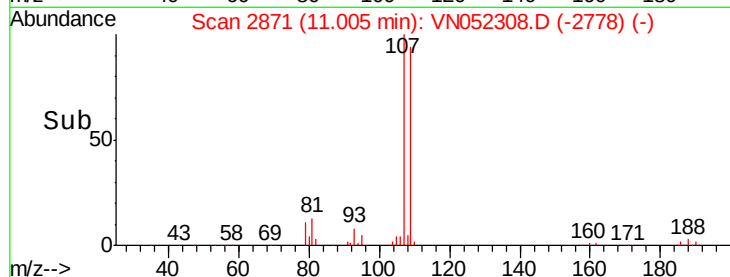
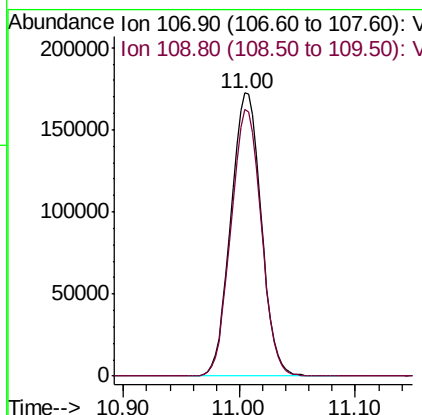
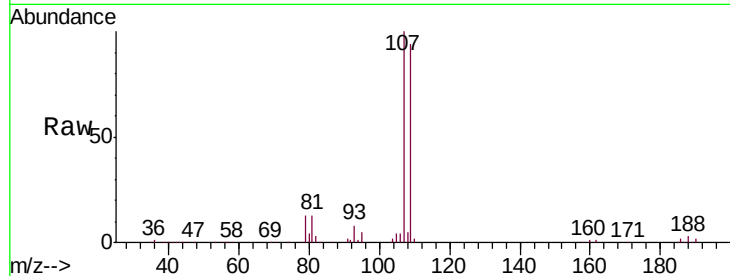




#61
 1,2-Dibromoethane
 Concen: 103.869 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

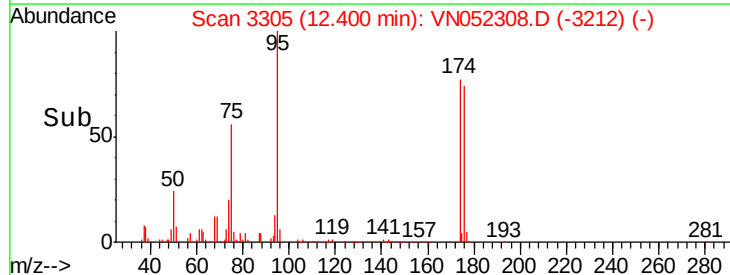
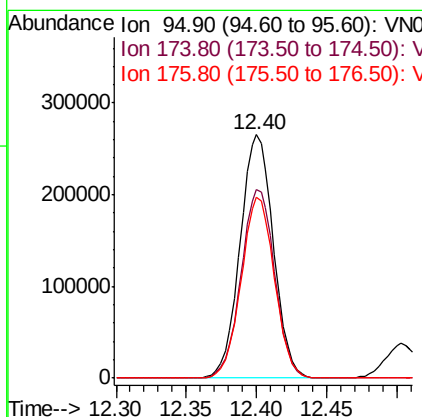
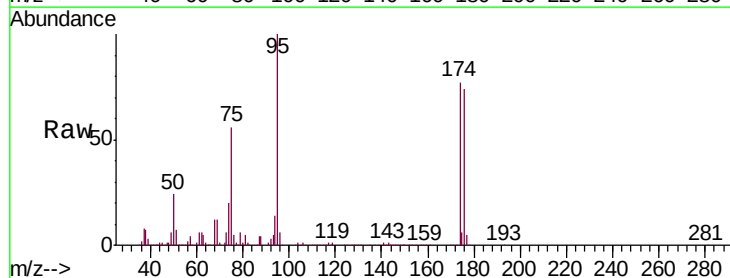
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

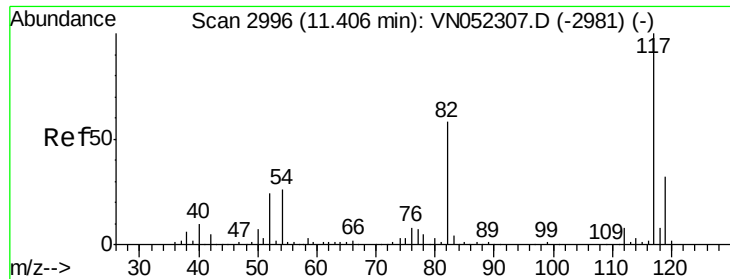
Tgt Ion: 107 Resp: 311239
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.9 112.3



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

Tgt Ion: 95 Resp: 438675
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 156.0
 176 74.4 0.0 148.4

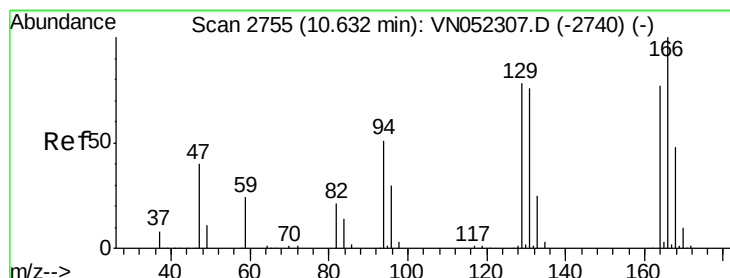
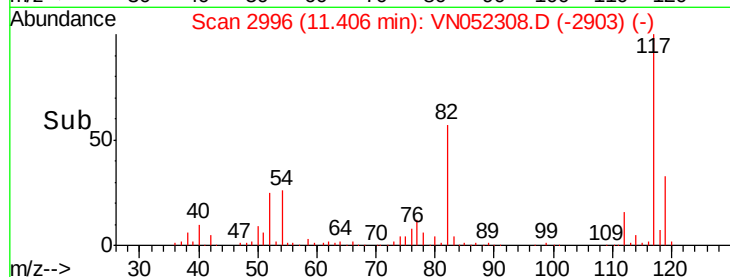
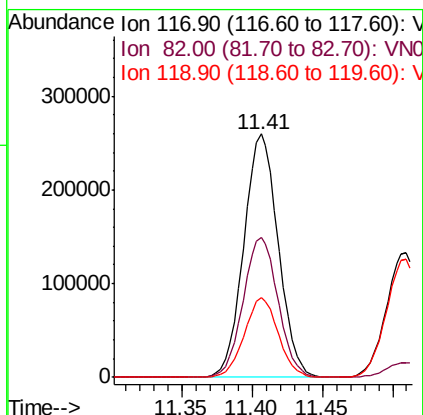
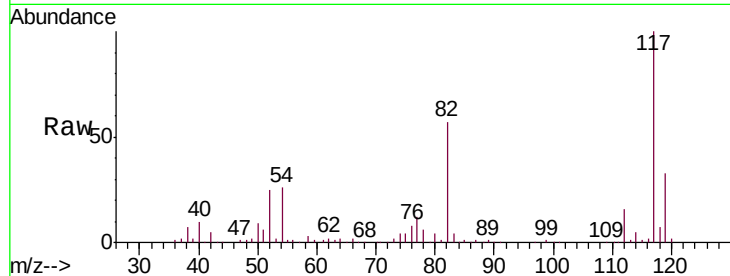




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

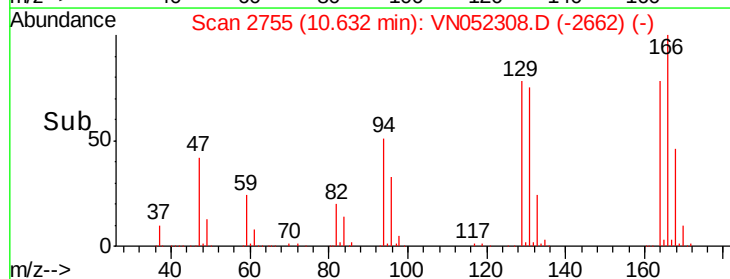
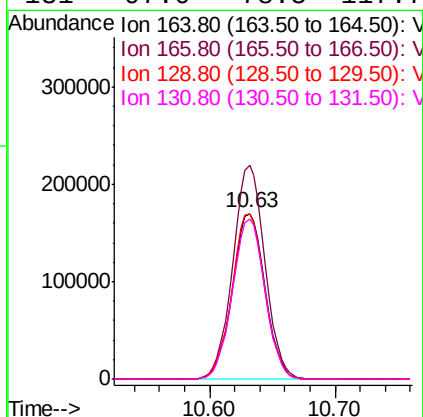
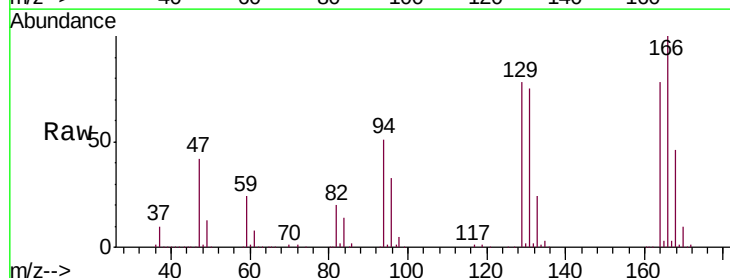
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

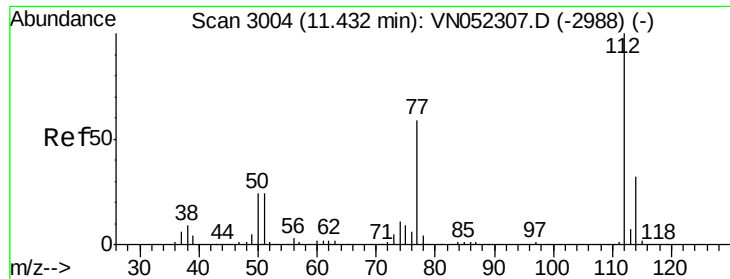
Tgt Ion:117 Resp: 444423
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 97.155 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

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

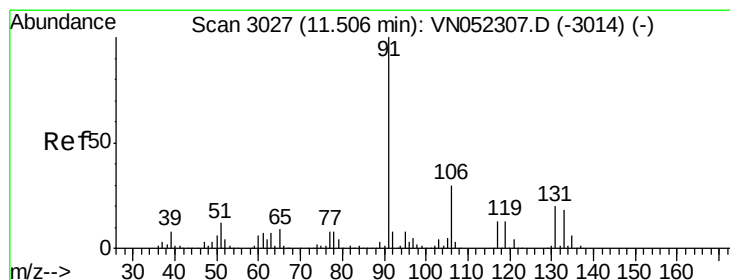
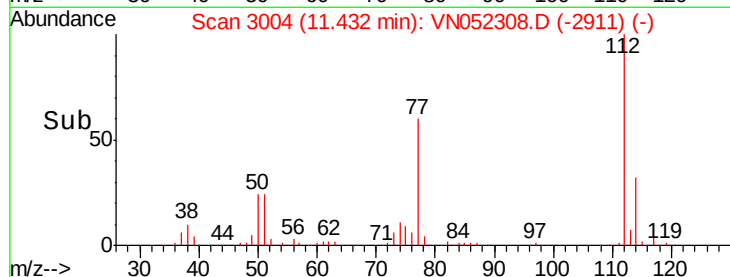
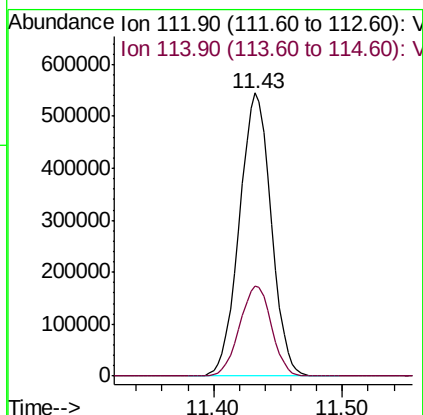
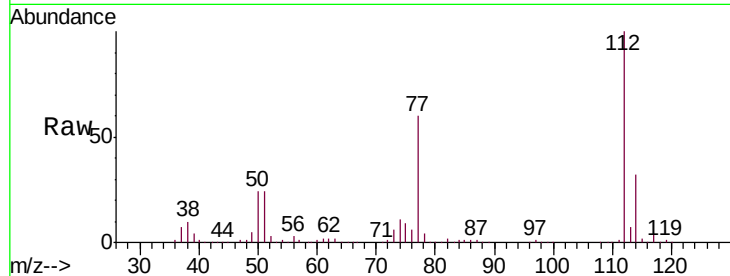




#65
Chlorobenzene
Concen: 99.269 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

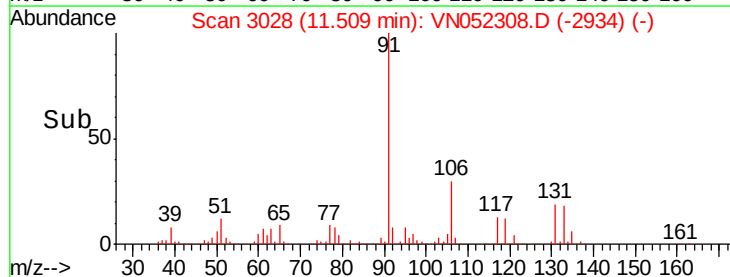
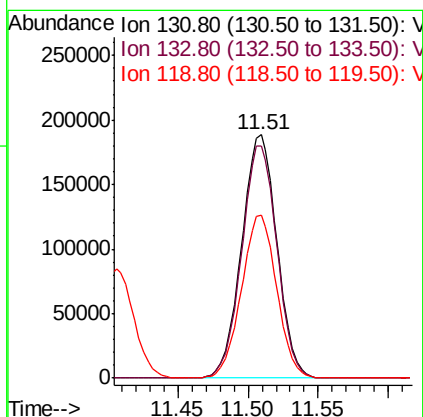
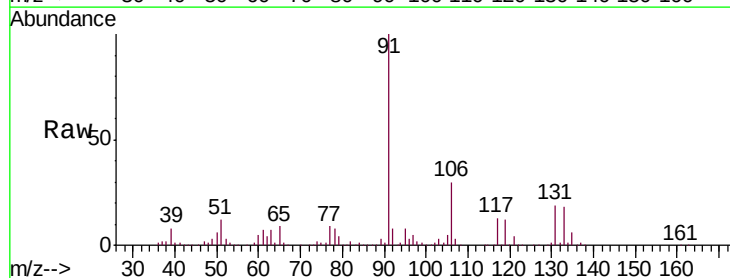
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

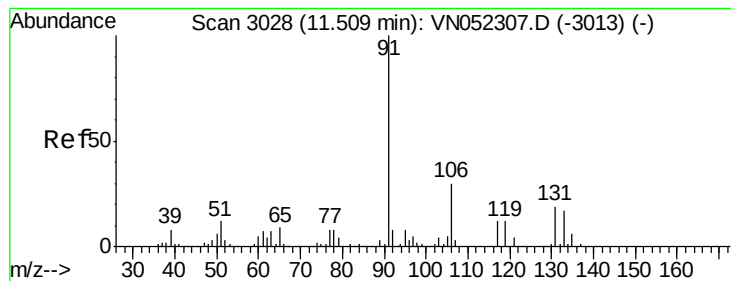
Tgt Ion:112 Resp: 932535
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



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

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





#67

Ethyl Benzene

Concen: 103.195 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampled :

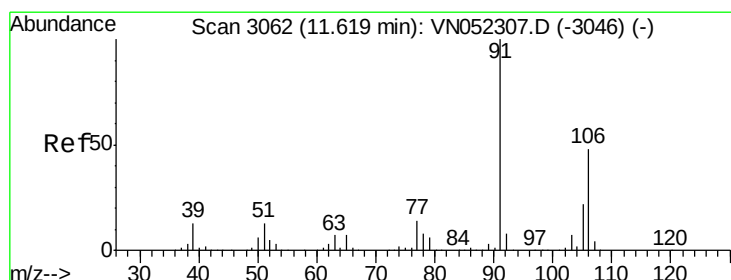
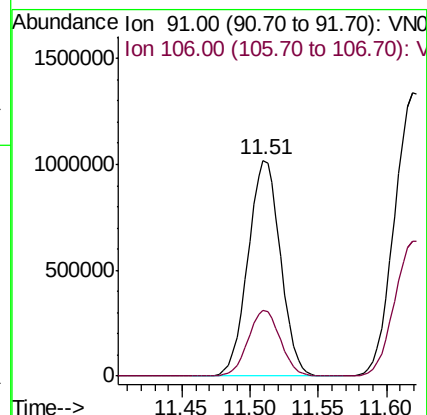
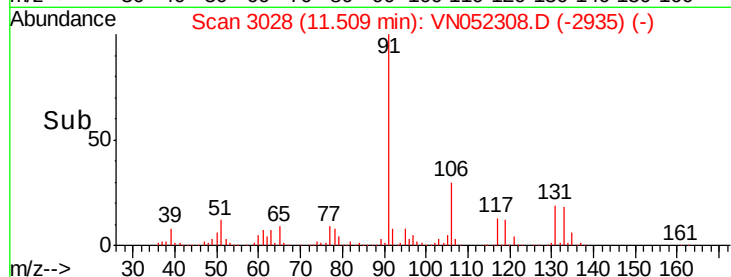
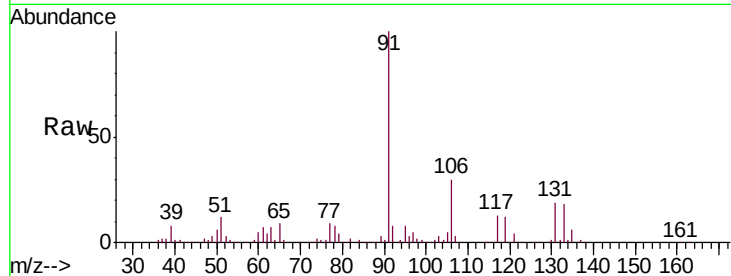
VSTDIC100

Tgt Ion: 91 Resp: 1682526

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.2



#68

m/p-Xylenes

Concen: 207.288 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN052308.D

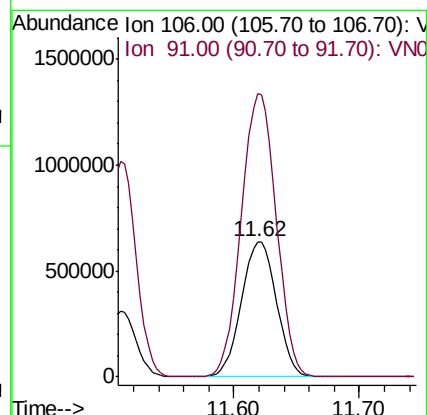
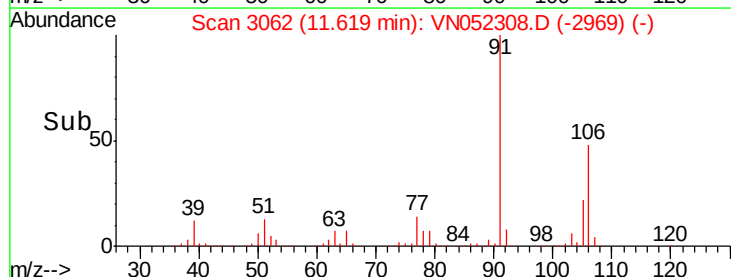
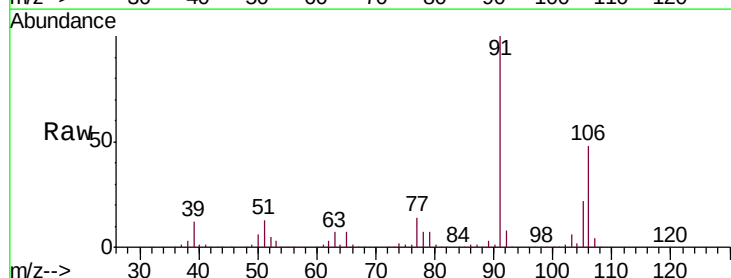
Acq: 14 Nov 2018 12:17

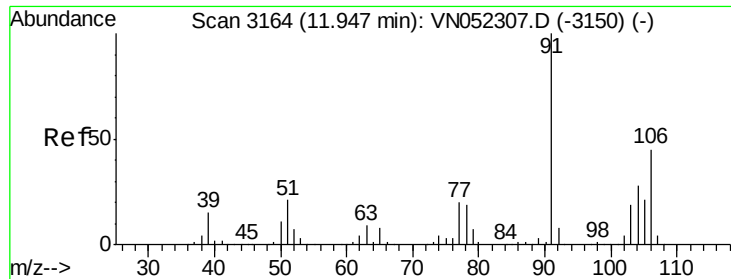
Tgt Ion: 106 Resp: 1234861

Ion Ratio Lower Upper

106 100

91 209.9 165.5 248.3

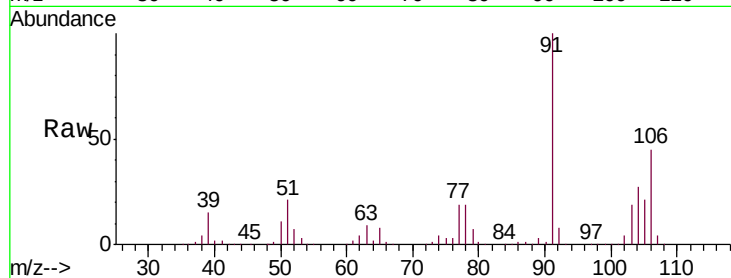




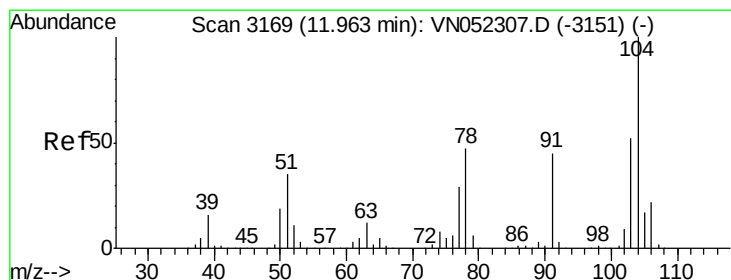
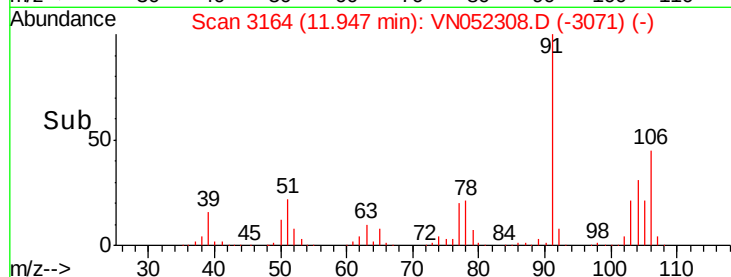
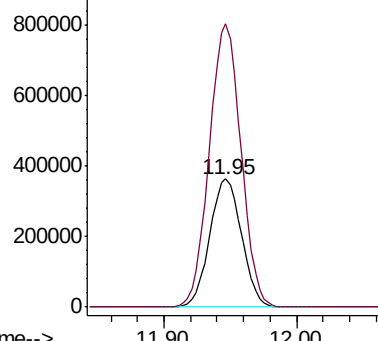
#69
o-Xylene
Concen: 106.142 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

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

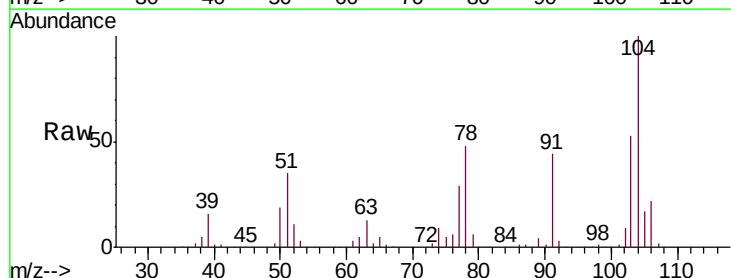


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

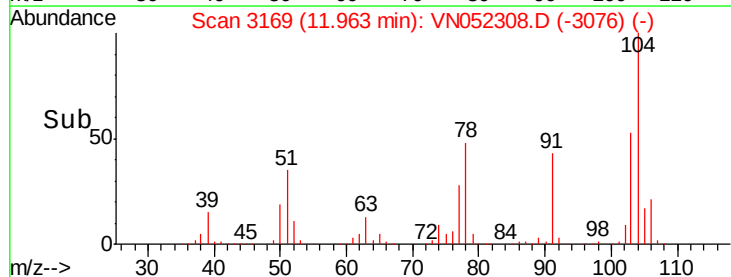
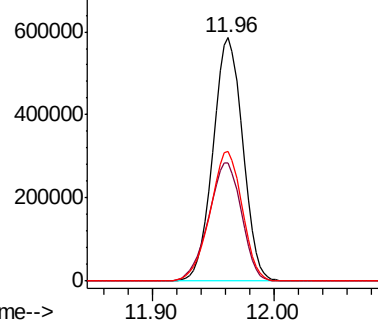


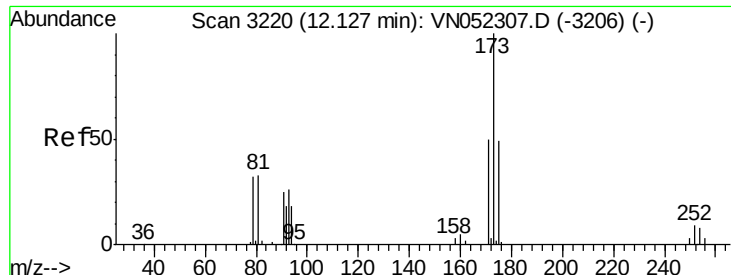
#70
Styrene
Concen: 107.452 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

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



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

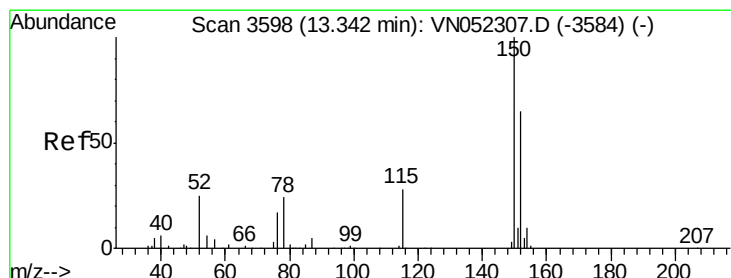
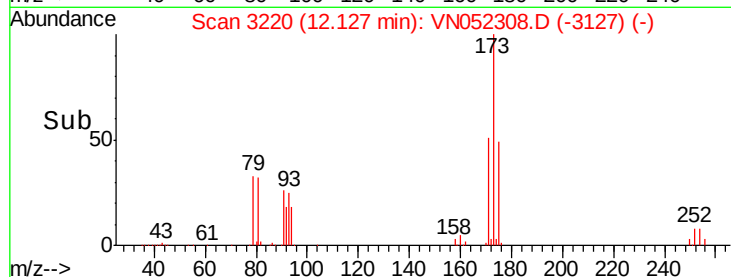
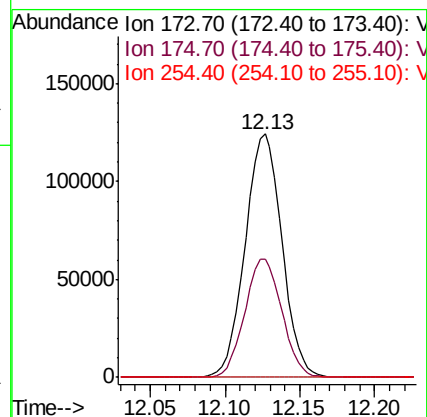
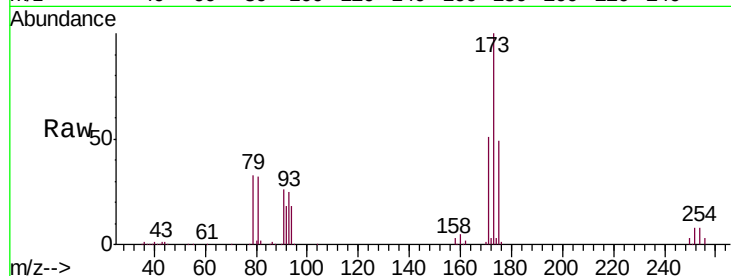




#71
Bromoform
Concen: 112.562 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

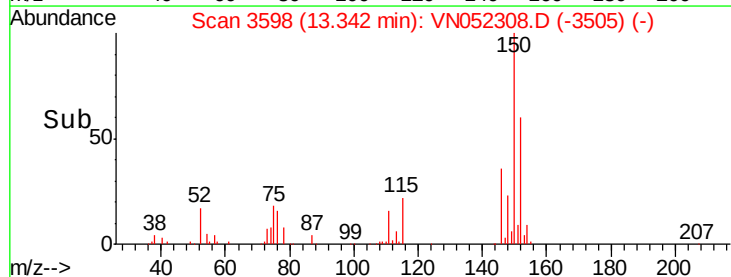
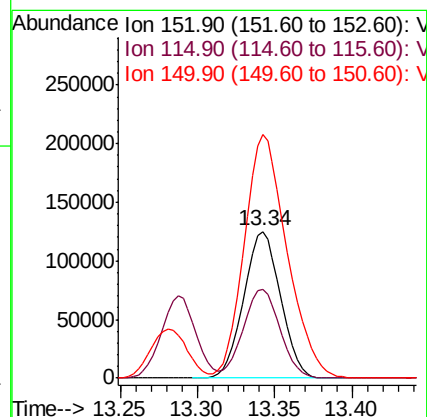
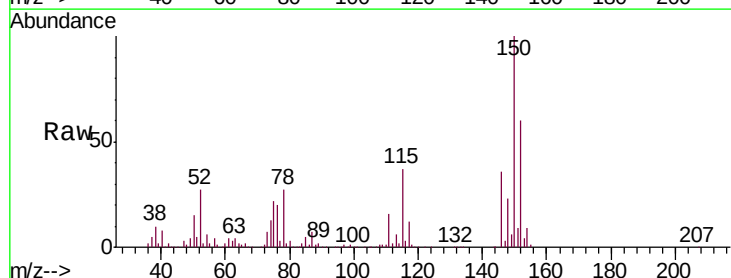
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

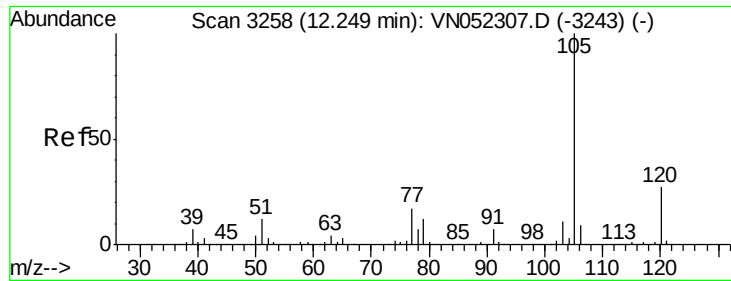
Tgt Ion:173 Resp: 212897
Ion Ratio Lower Upper
173 100
175 48.9 25.0 75.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion:152 Resp: 206208
Ion Ratio Lower Upper
152 100
115 61.1 30.3 91.0
150 192.8 0.0 348.2





#73

Isopropylbenzene

Concen: 99.592 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

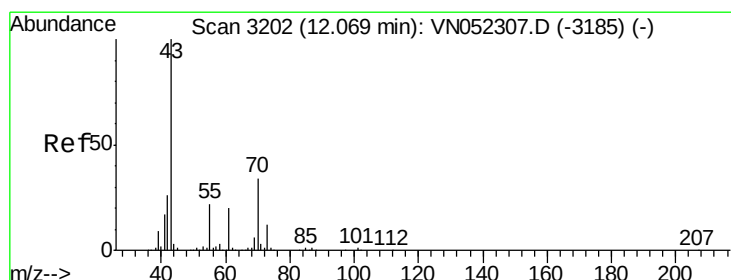
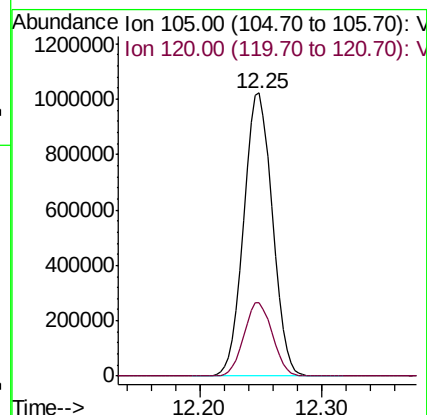
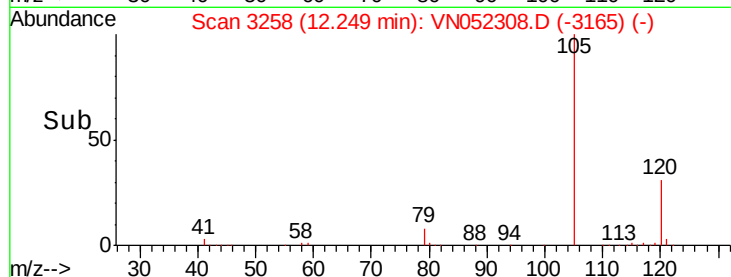
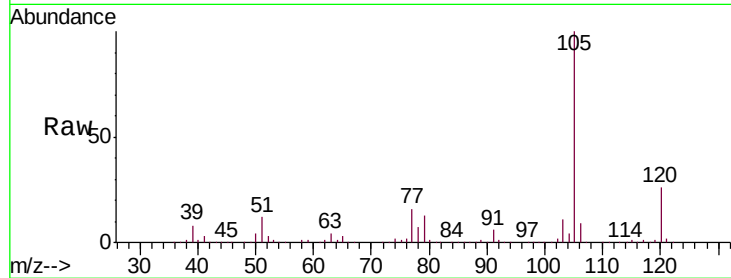
VSTDIC100

Tgt Ion:105 Resp: 1651151

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1



#74

N-ethyl acetate

Concen: 107.503 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Tgt Ion: 43 Resp: 634818

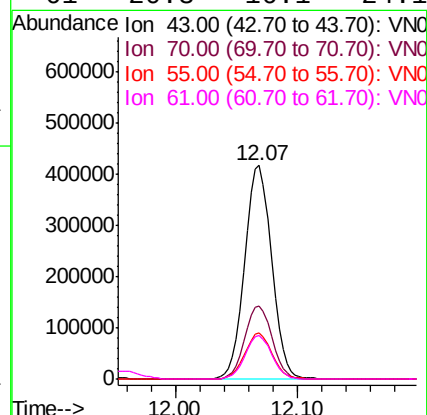
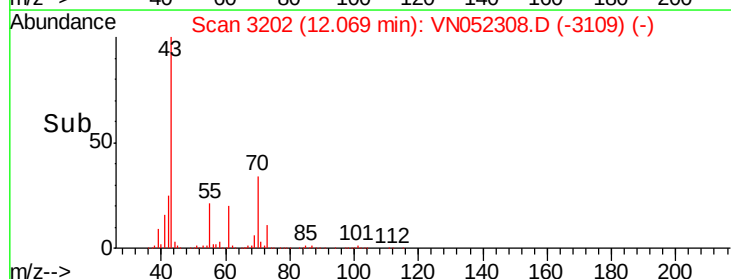
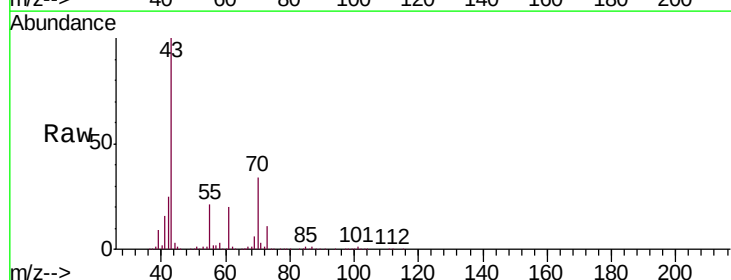
Ion Ratio Lower Upper

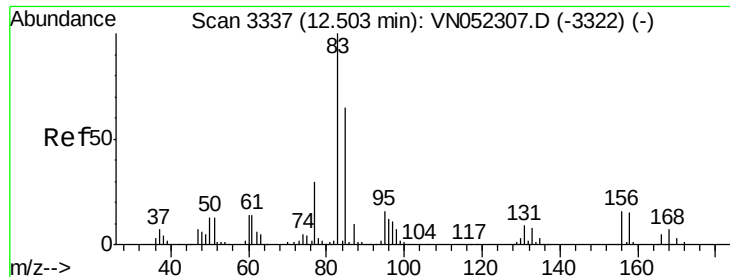
43 100

70 34.6 27.1 40.7

55 21.7 17.4 26.0

61 20.3 16.1 24.1





#75

1,1,2,2-Tetrachloroethane

Concen: 94.895 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

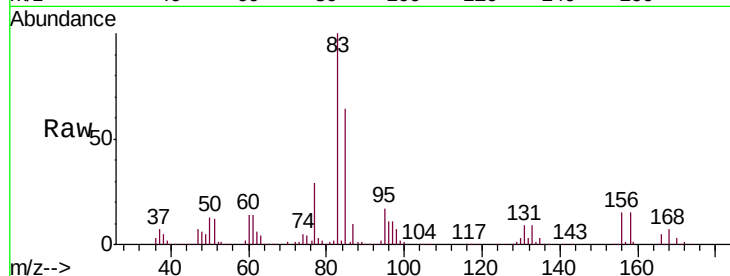
Tgt Ion: 83 Resp: 380317

Ion Ratio Lower Upper

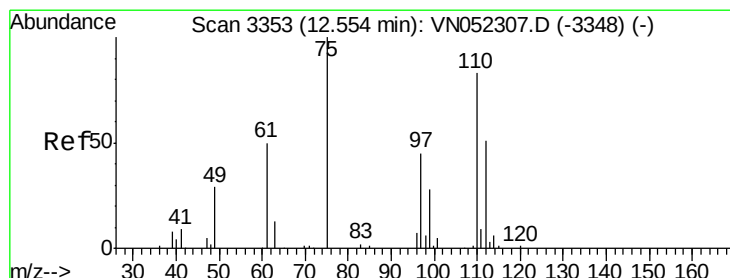
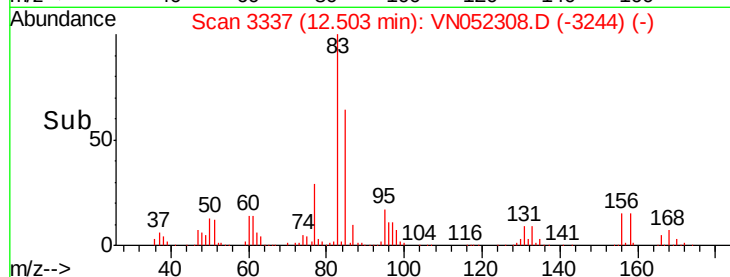
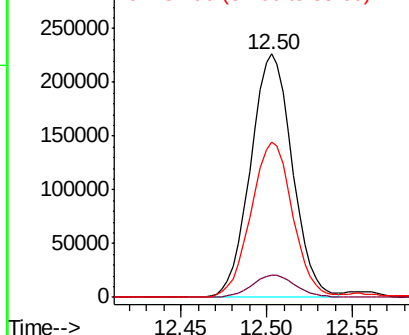
83 100

131 9.6 4.7 14.1

85 63.8 32.4 97.2



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



#76

1,2,3-Trichloropropane

Concen: 159.665 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN052308.D

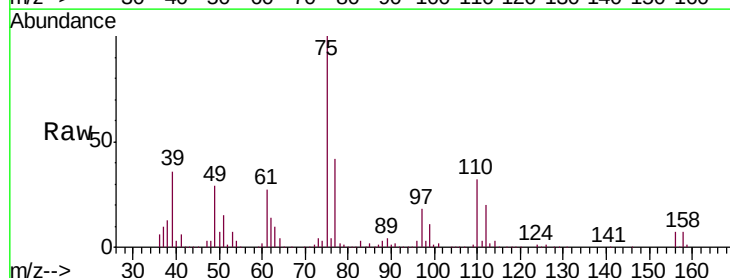
Acq: 14 Nov 2018 12:17

Tgt Ion: 75 Resp: 517644

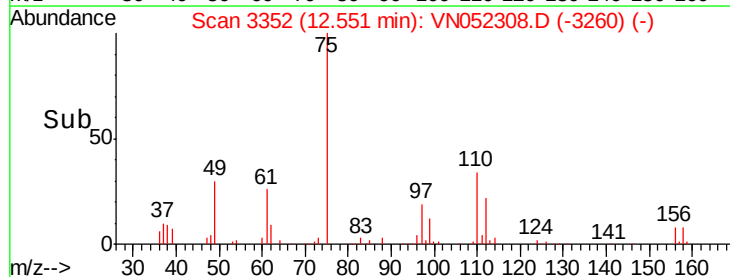
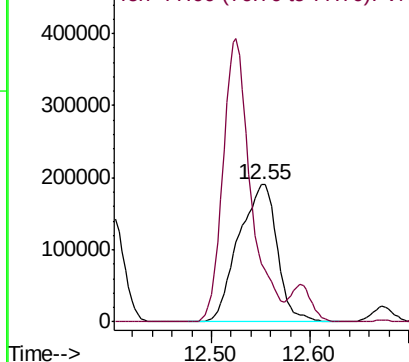
Ion Ratio Lower Upper

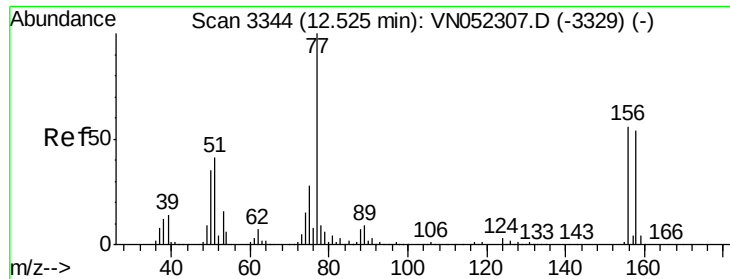
75 100

77 0.0 0.0 0.0



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

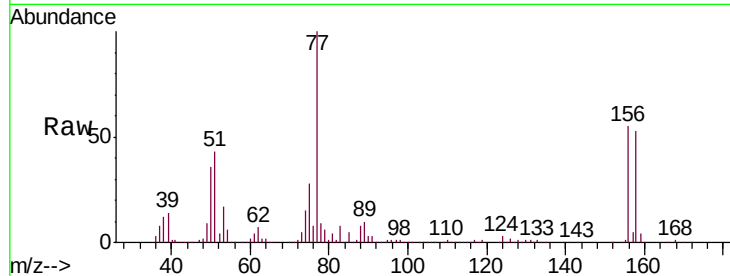




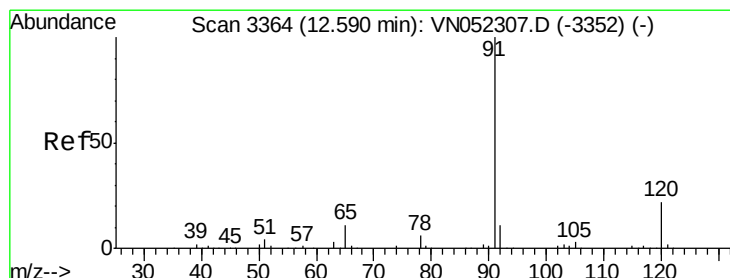
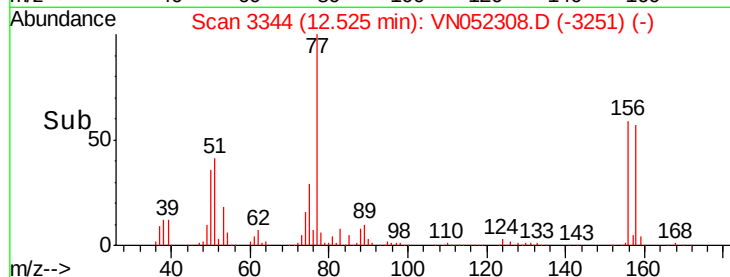
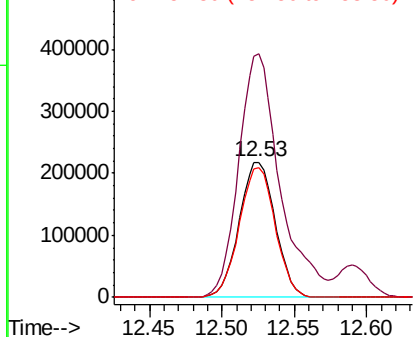
#77
Bromobenzene
Concen: 97.597 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion: 156 Resp: 376484
Ion Ratio Lower Upper
156 100
77 207.0 103.6 310.9
158 95.9 48.1 144.4

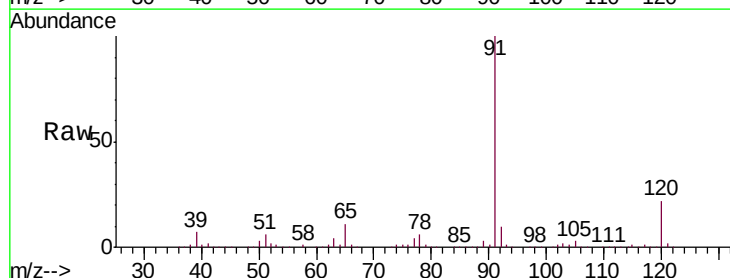


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

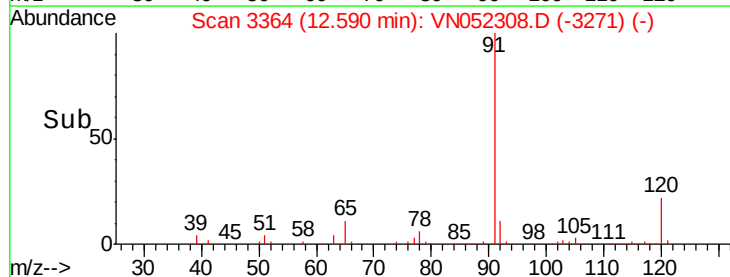
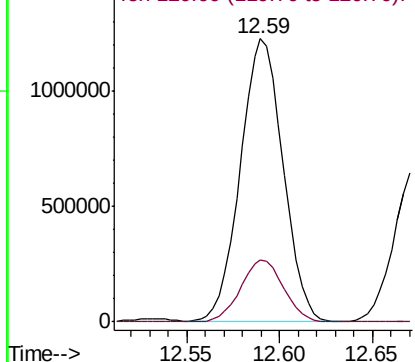


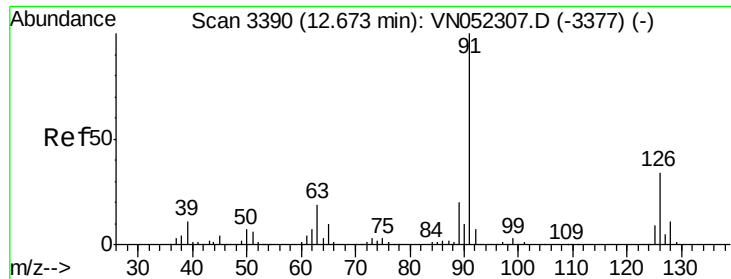
#78
n-propylbenzene
Concen: 100.717 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Tgt Ion: 91 Resp: 1952854
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V

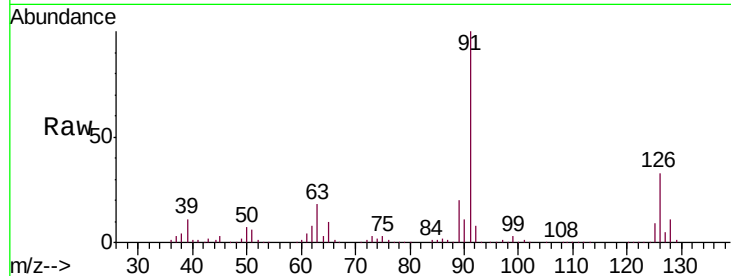




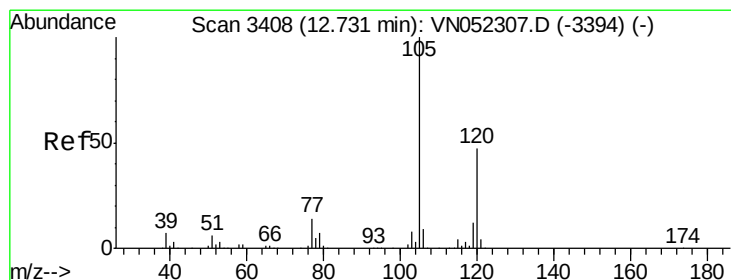
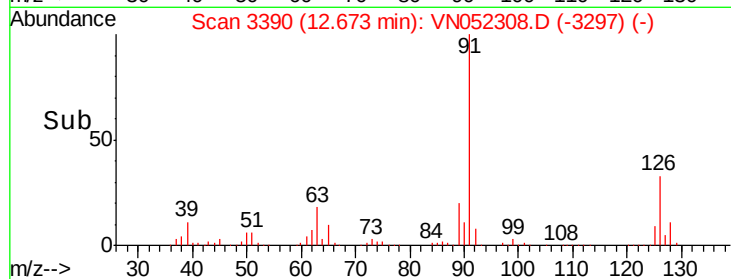
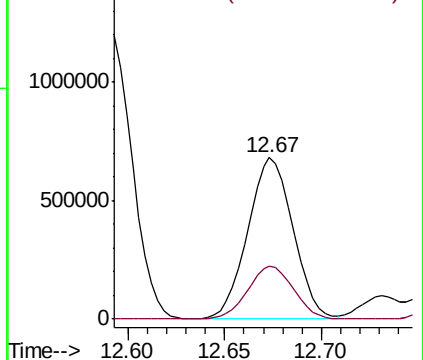
#79
 2-Chlorotoluene
 Concen: 97.789 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 91 Resp: 1107666
 Ion Ratio Lower Upper
 91 100
 126 33.3 17.0 51.0

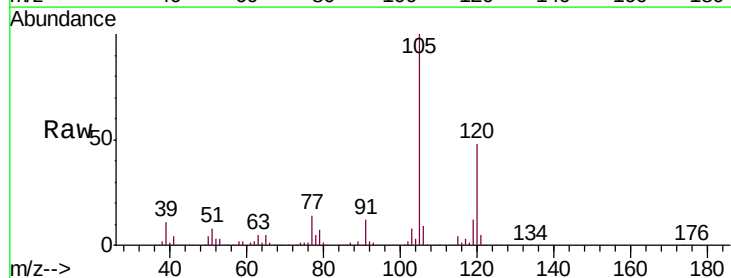


Abundance Ion 91.00 (90.70 to 91.70): VN052308.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN052308.D (-3377) (-)

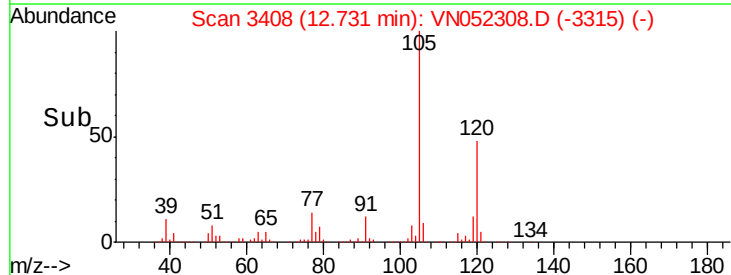
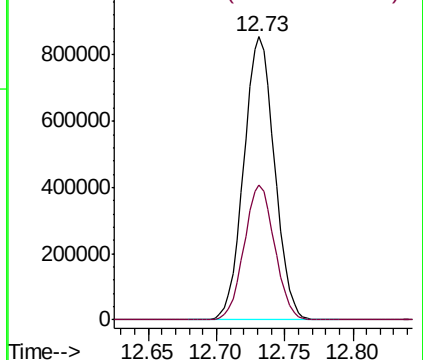


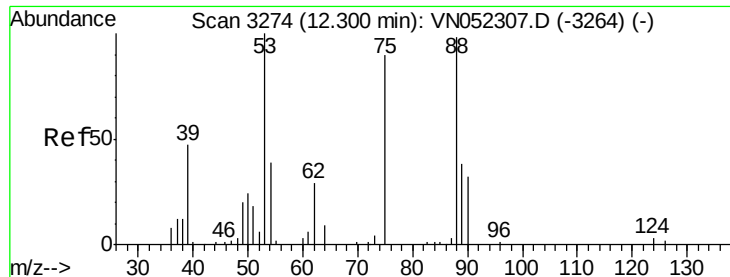
#80
 1,3,5-Trimethylbenzene
 Concen: 101.044 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

Tgt Ion: 105 Resp: 1332190
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052308.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN052308.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 111.706 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

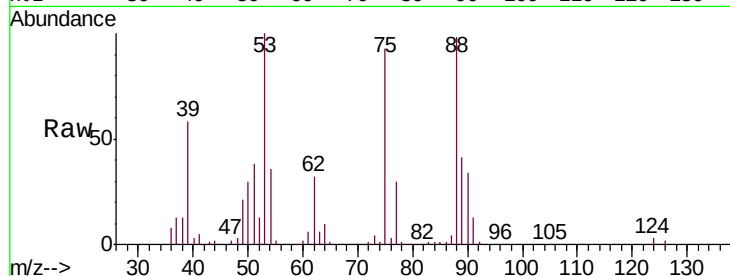
Tgt Ion: 75 Resp: 120508

Ion Ratio Lower Upper

75 100

53 108.5 90.2 135.2

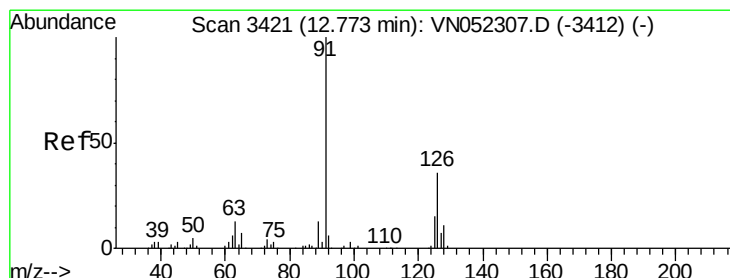
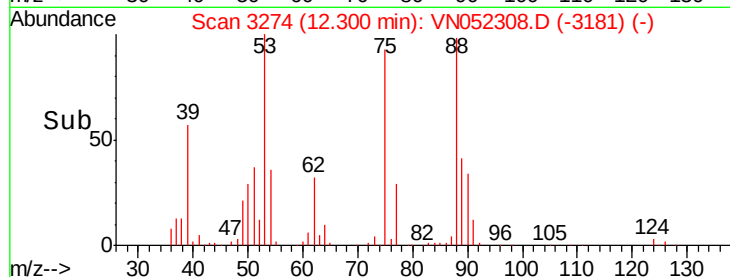
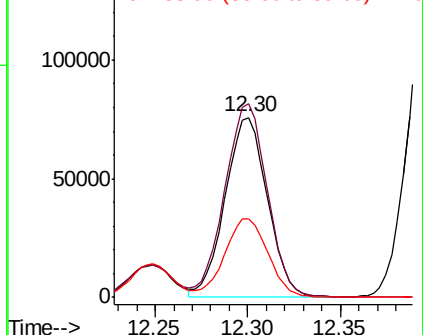
89 44.3 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 98.842 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052308.D

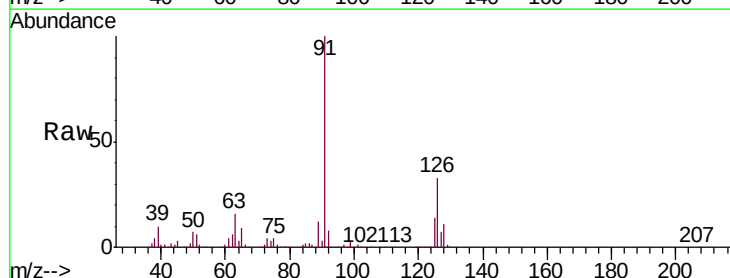
Acq: 14 Nov 2018 12:17

Tgt Ion: 91 Resp: 1147052

Ion Ratio Lower Upper

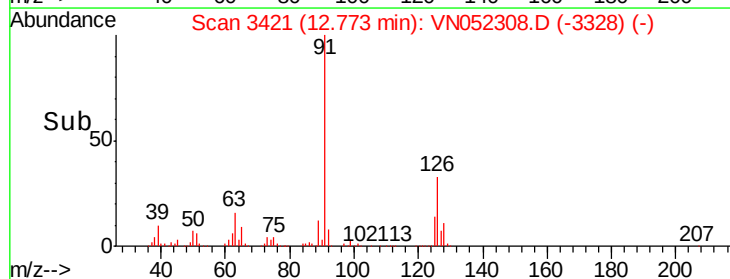
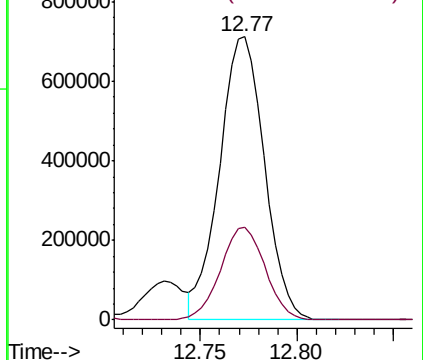
91 100

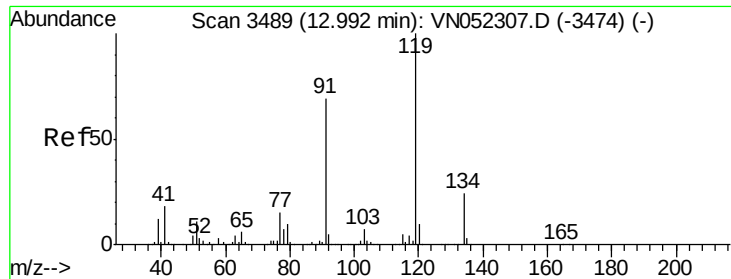
126 32.7 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

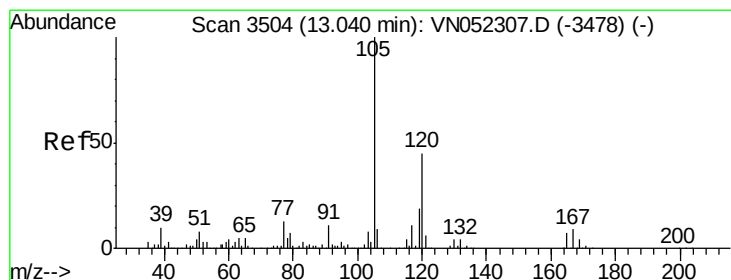
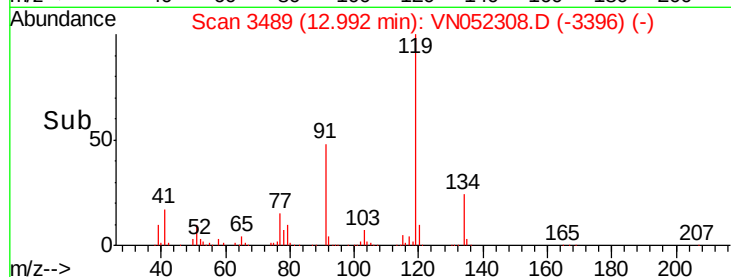
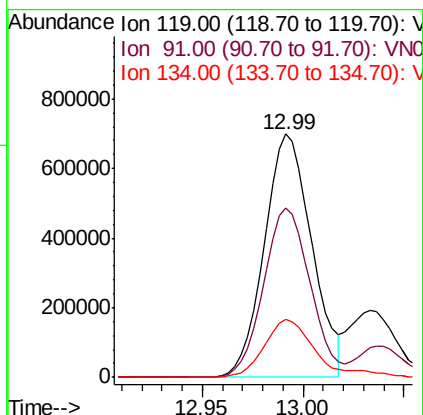
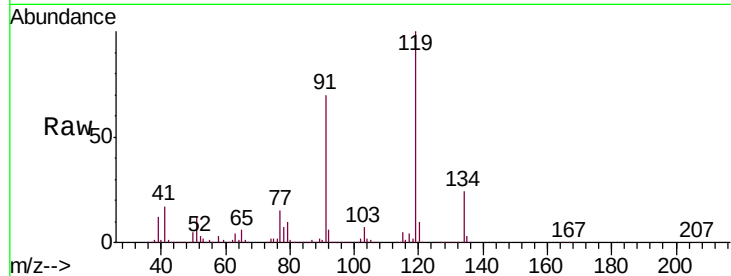




#83
 tert-Butylbenzene
 Concen: 98.227 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

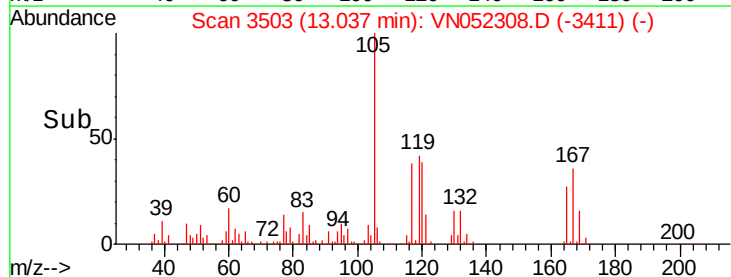
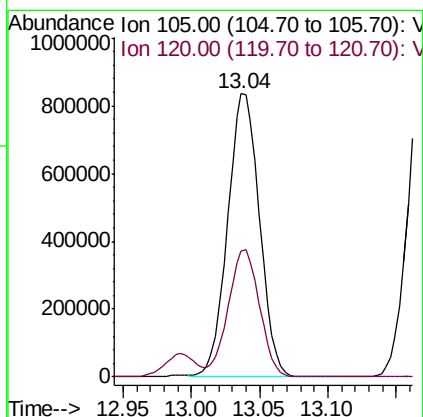
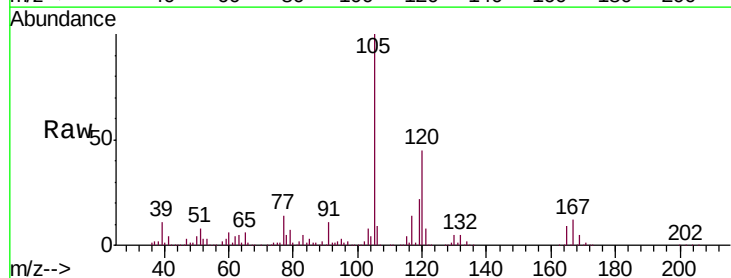
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

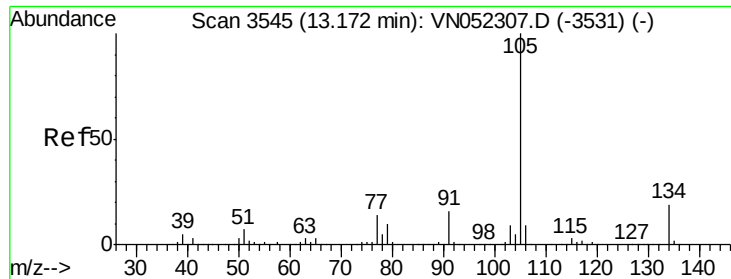
Tgt Ion:119 Resp: 1143338
 Ion Ratio Lower Upper
 119 100
 91 68.6 33.8 101.3
 134 25.7 11.9 35.9



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

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





#85

sec-Butylbenzene

Concen: 101.362 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampleId :

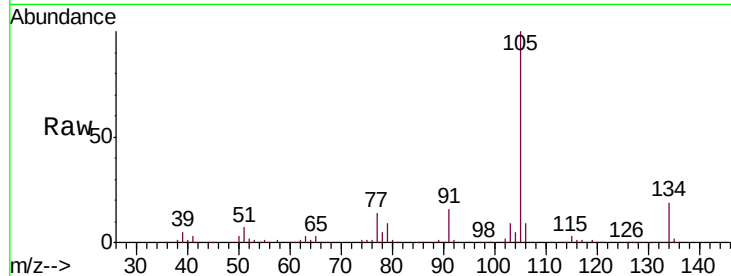
VSTDIC100

Tgt Ion:105 Resp: 1607170

Ion Ratio Lower Upper

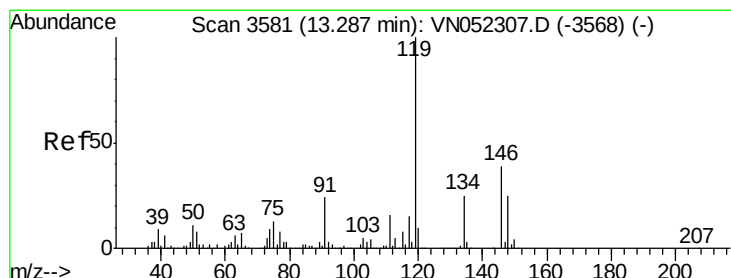
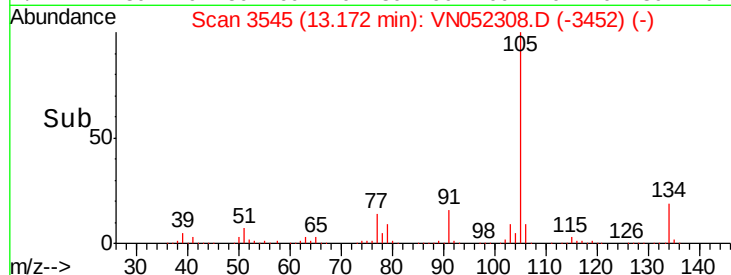
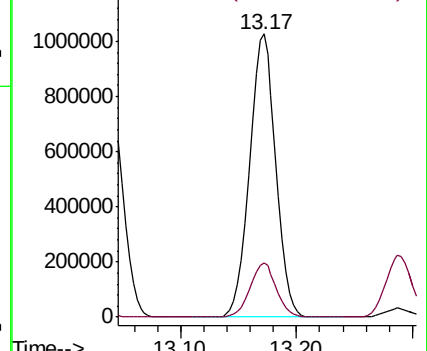
105 100

134 19.0 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 101.819 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

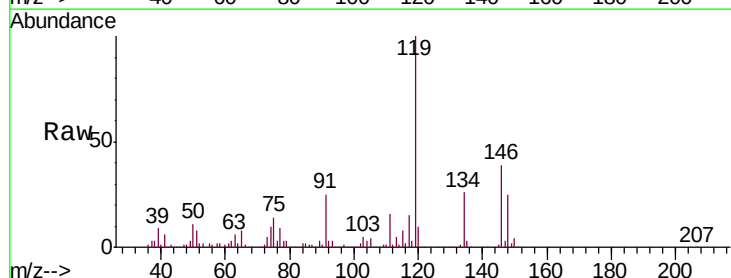
Tgt Ion:119 Resp: 1367550

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

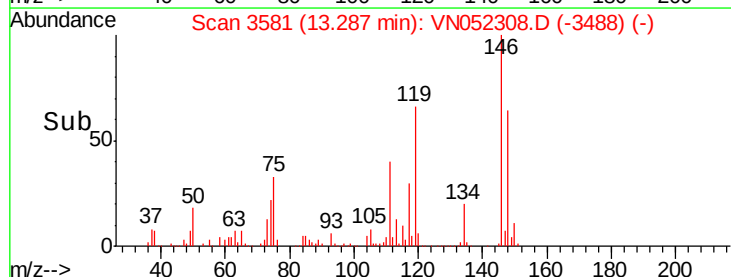
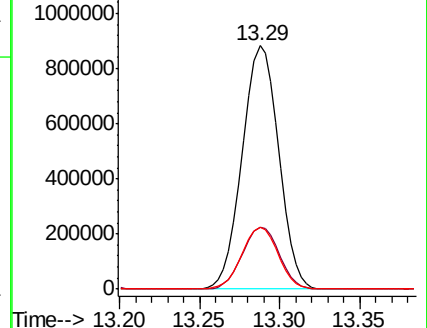
91 25.4 12.4 37.0

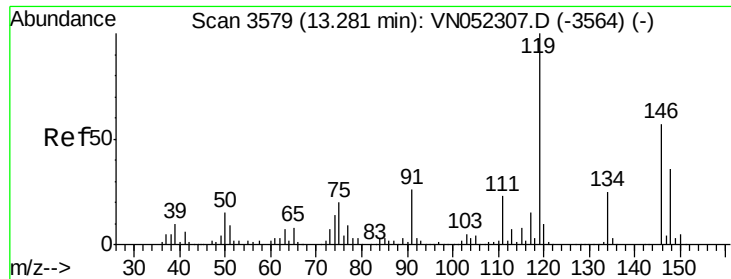


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

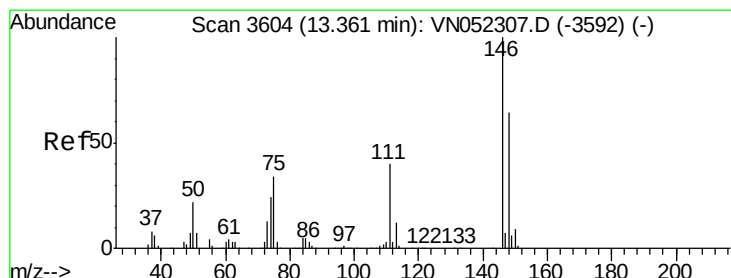
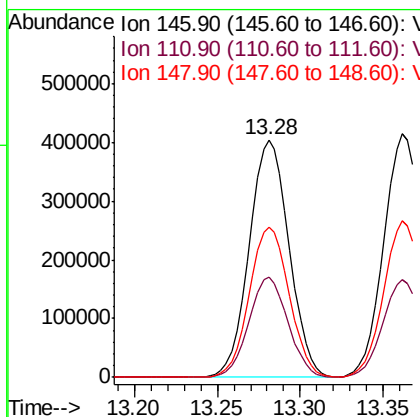
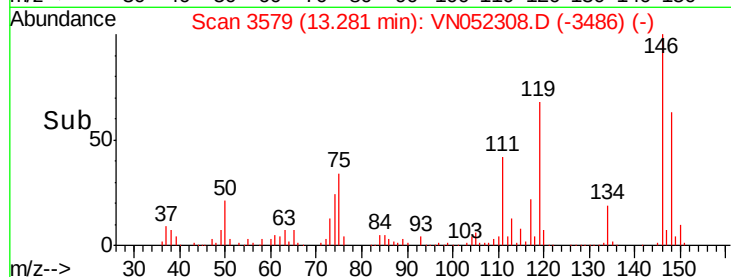
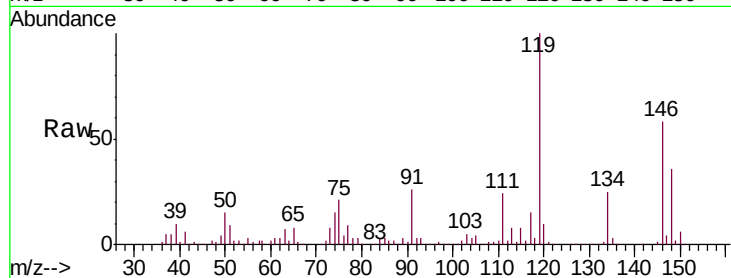




#87
 1,3-Dichlorobenzene
 Concen: 98.534 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

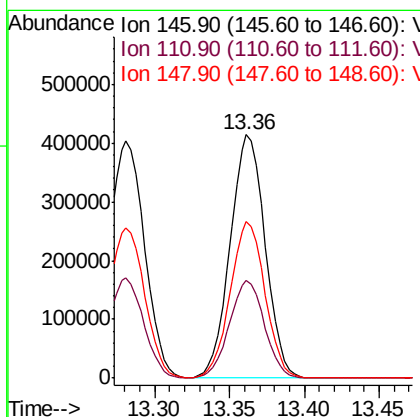
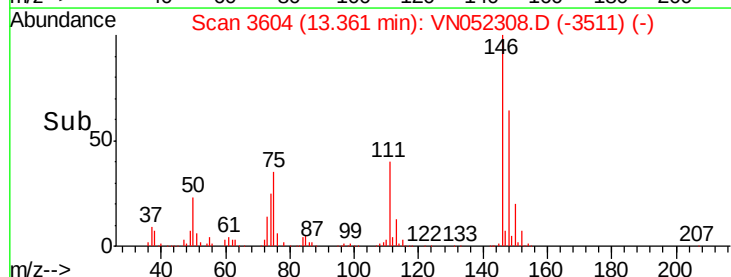
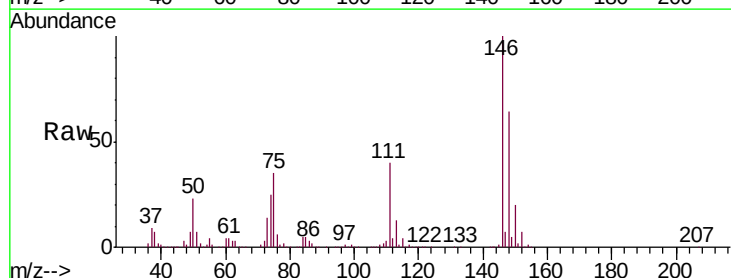
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

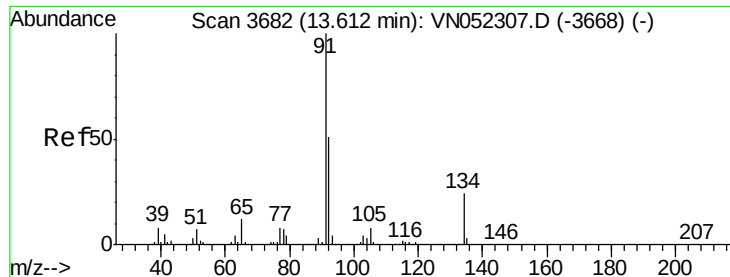
Tgt Ion:146 Resp: 675062
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 63.5 31.8 95.4



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

Tgt Ion:146 Resp: 674324
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.8
 148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 109.017 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052308.D

Acq: 14 Nov 2018 12:17

Instrument :

MSVOA_N

ClientSampled :

VSTDICC100

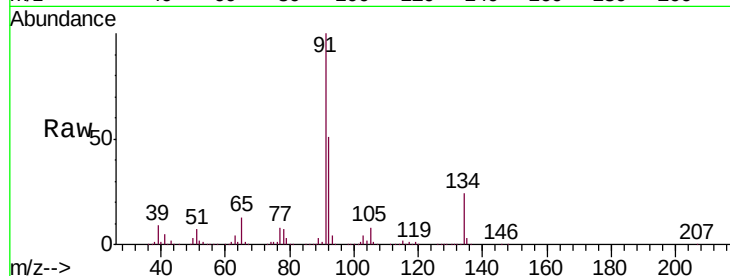
Tgt Ion: 91 Resp: 1257584

Ion Ratio Lower Upper

91 100

92 51.3 25.4 76.2

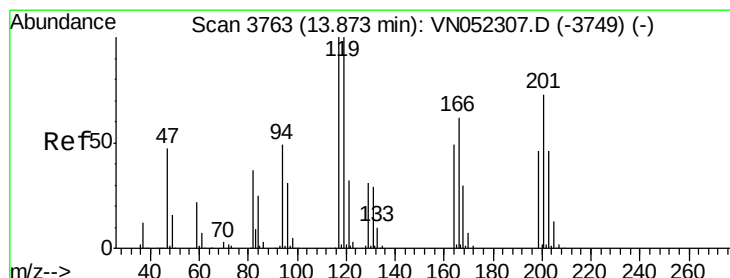
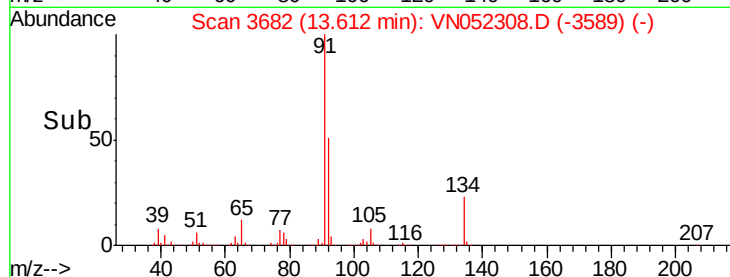
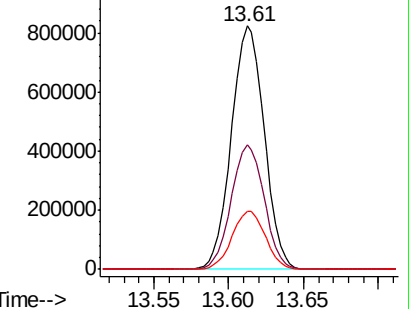
134 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VN052308.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052308.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052308.D (-3668) (-)



#90

Hexachloroethane

Concen: 105.812 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN052308.D

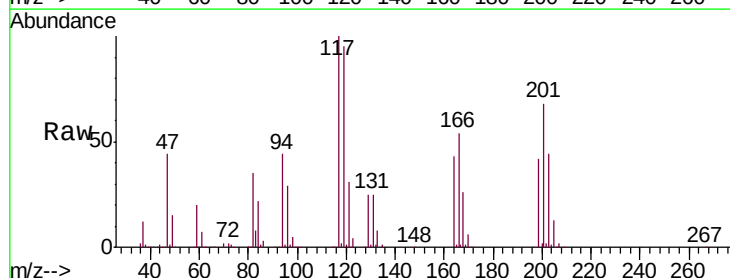
Acq: 14 Nov 2018 12:17

Tgt Ion: 117 Resp: 251720

Ion Ratio Lower Upper

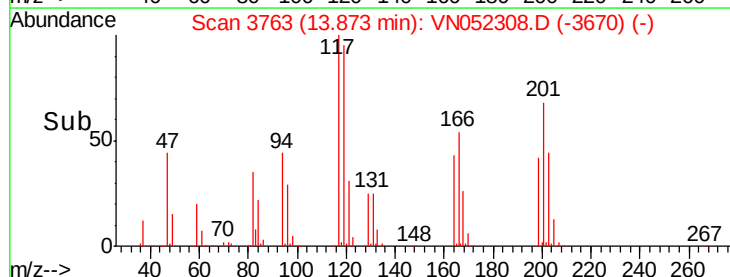
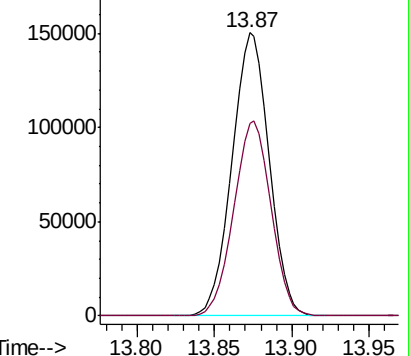
117 100

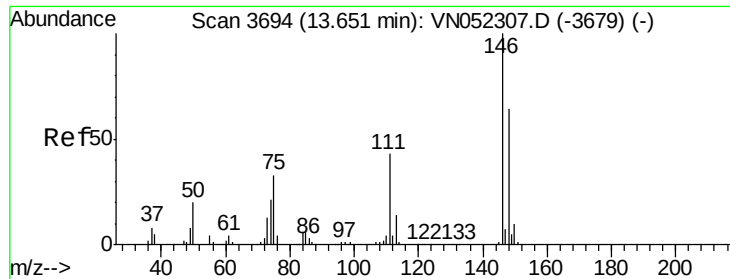
201 69.1 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): VN052308.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052308.D (-3749) (-)

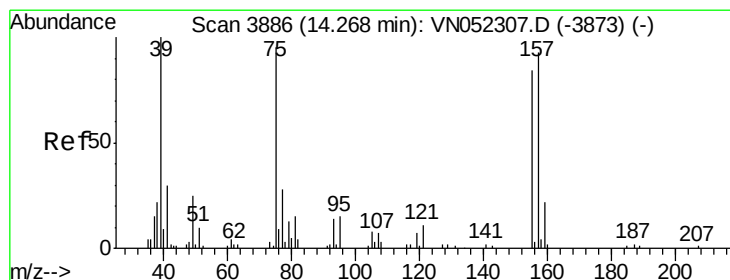
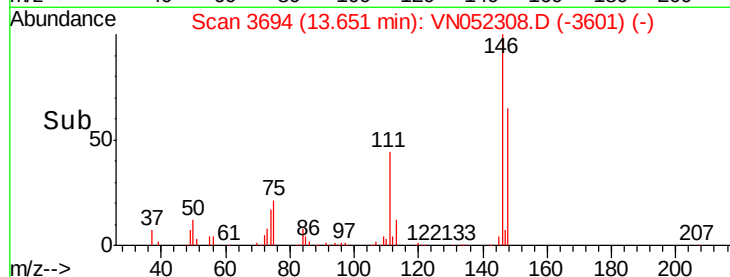
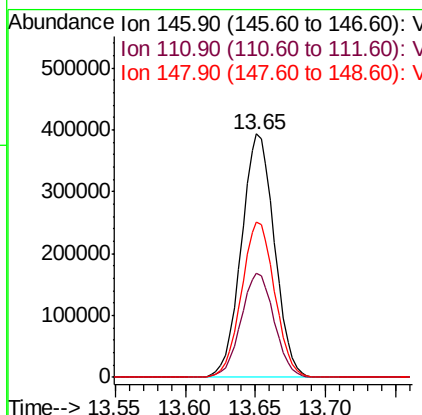
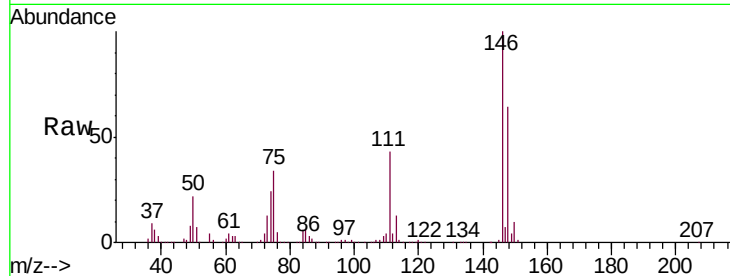




#91
 1,2-Dichlorobenzene
 Concen: 97.162 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

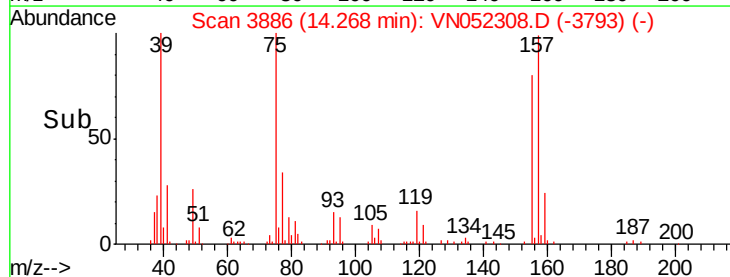
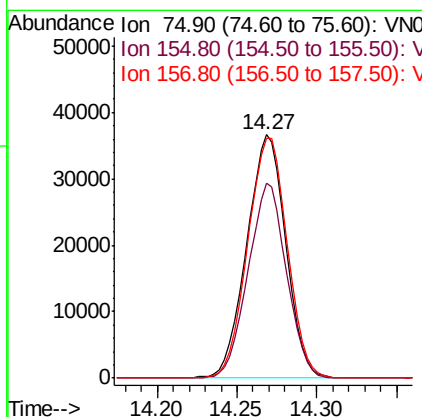
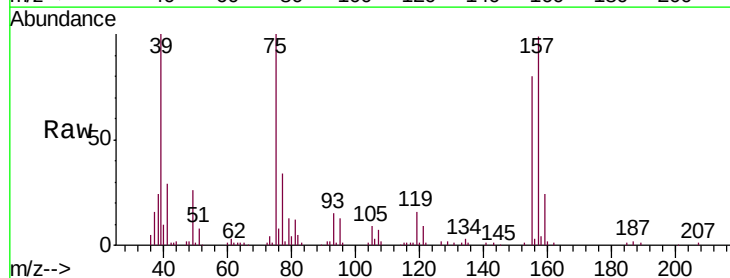
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

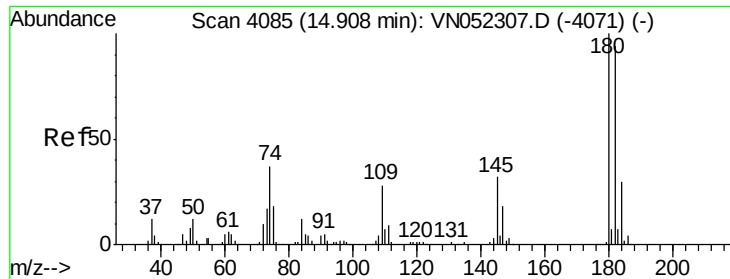
Tgt Ion:146 Resp: 644911
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 63.9
 148 64.1 31.6 94.8



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

Tgt Ion: 75 Resp: 61084
 Ion Ratio Lower Upper
 75 100
 155 78.7 42.4 127.3
 157 99.9 49.6 149.0

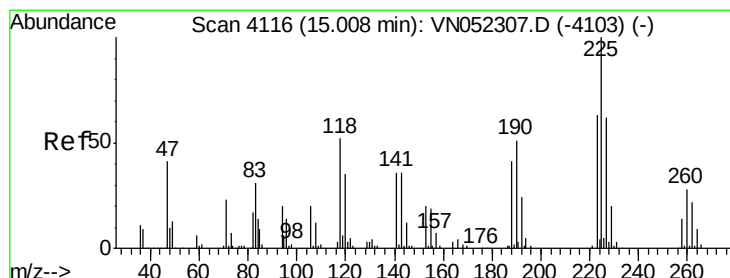
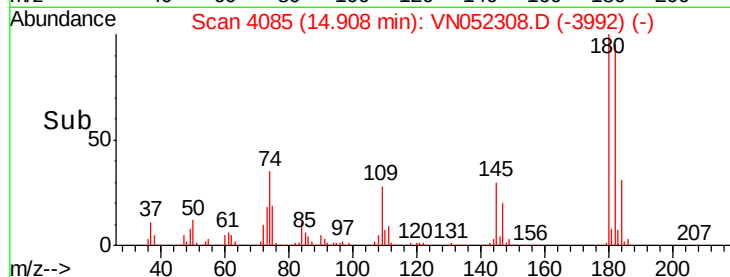
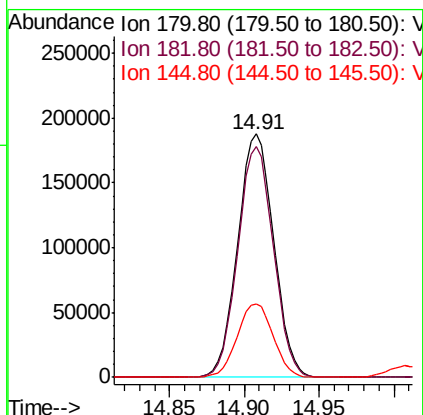
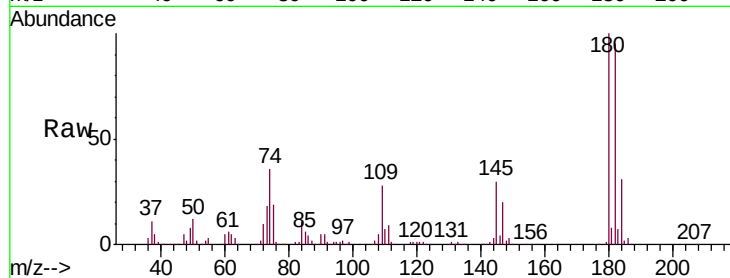




#93
 1,2,4-Trichlorobenzene
 Concen: 115.273 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN052308.D
 Acq: 14 Nov 2018 12:17

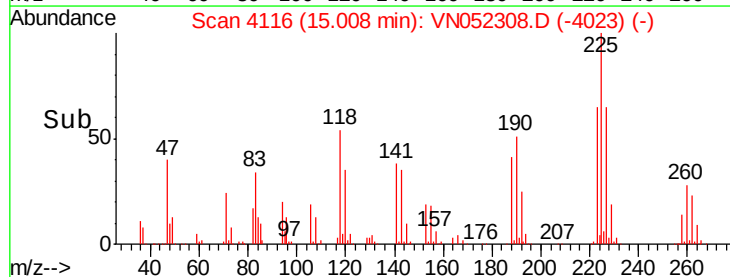
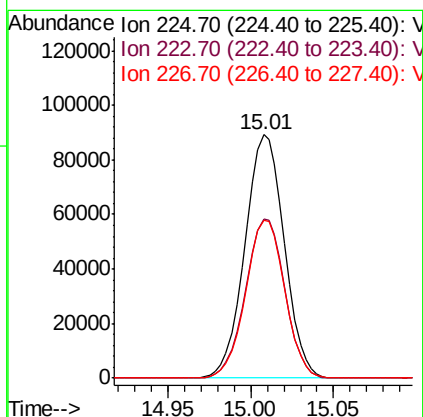
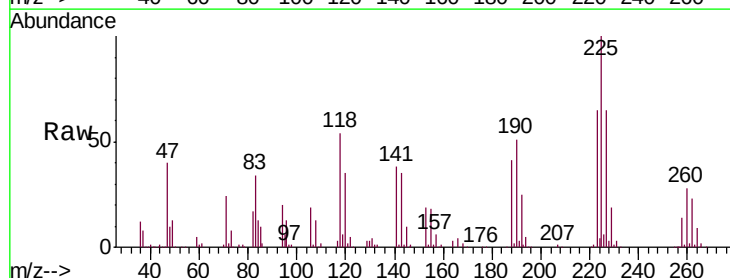
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

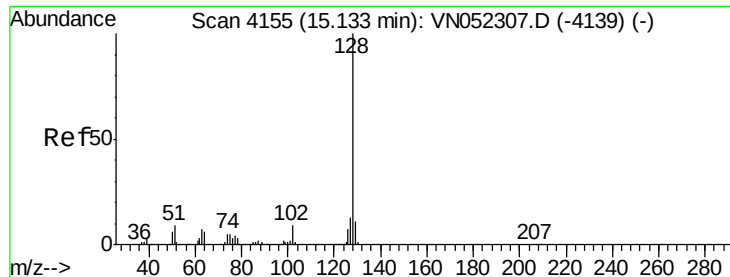
Tgt Ion:180 Resp: 314837
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.6 142.9
 145 30.3 15.5 46.5



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

Tgt Ion:225 Resp: 147421
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.9 95.5
 227 64.5 31.6 95.0

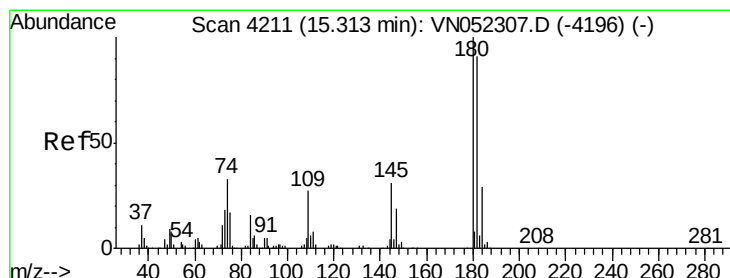
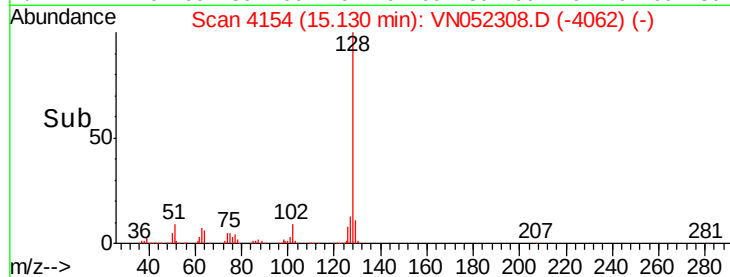
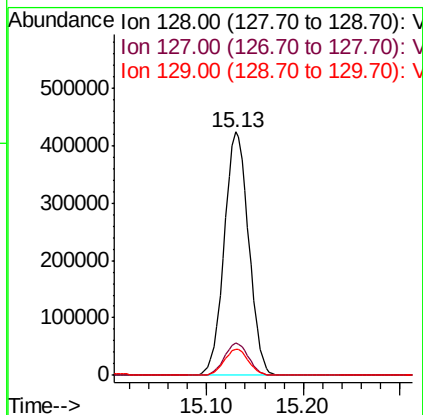
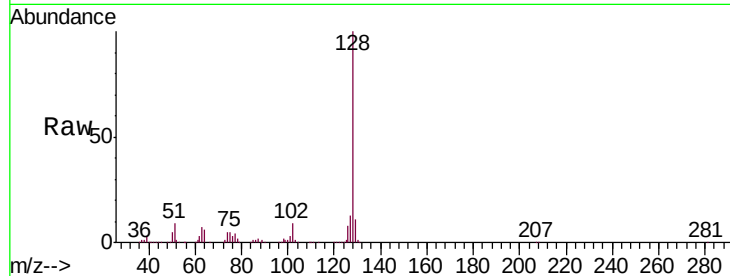




#95
Naphthalene
Concen: 120.122 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052308.D
Acq: 14 Nov 2018 12:17

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion:128 Resp: 741341
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.7 8.6 13.0



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

Tgt Ion:180 Resp: 277601
Ion Ratio Lower Upper
180 100
182 94.5 46.5 139.3
145 32.8 16.4 49.2

