

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\
 Data File : VN052699.D
 Acq On : 6 Dec 2018 15:00
 Operator : MD\SY
 Sample : J6214-39
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 07 06:39:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1121615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1737237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1479011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	516744	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	600766	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
35) Dibromofluoromethane	7.59	113	539153	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	10.09	98	2111554	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	625775	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	

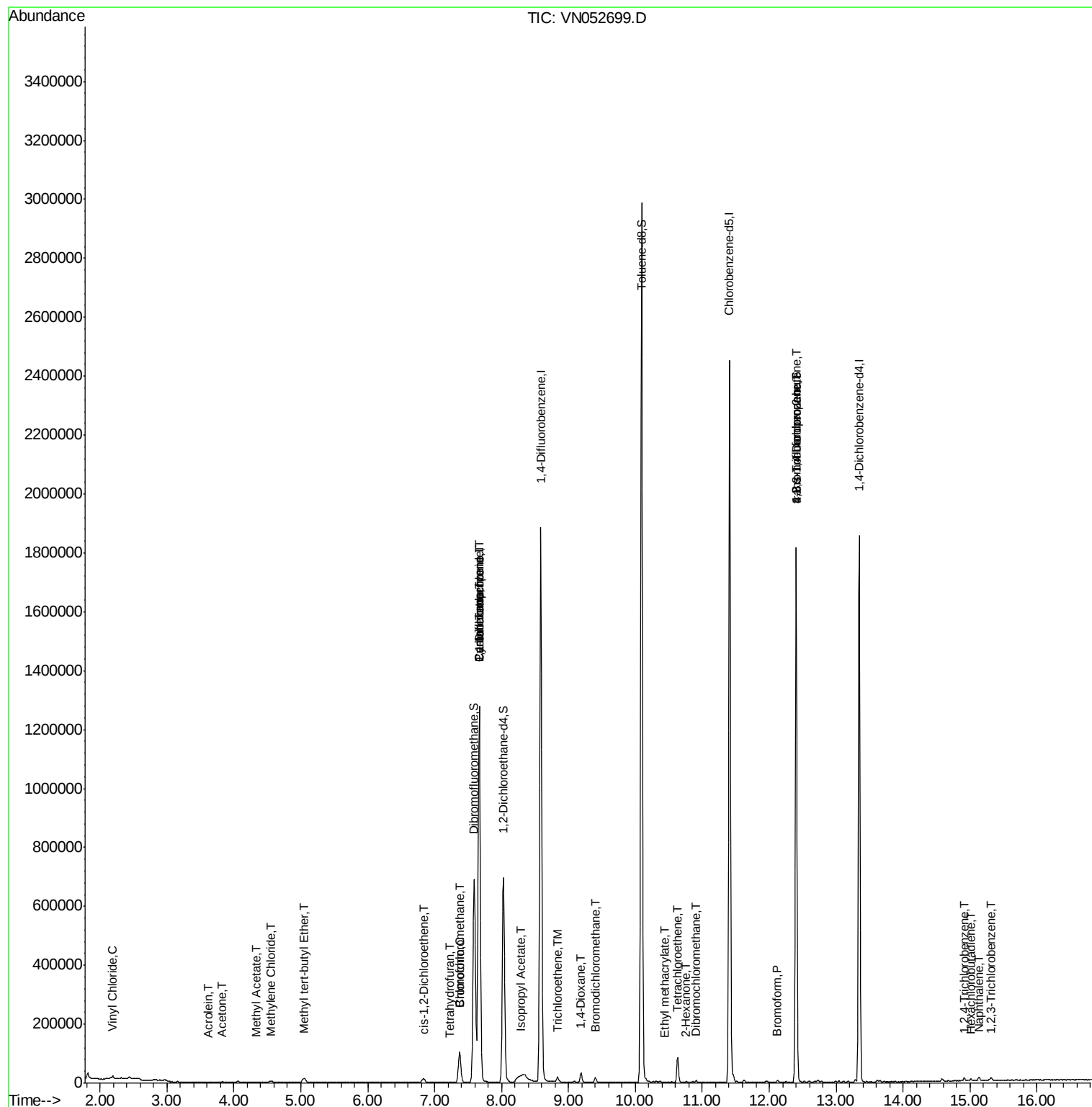
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.19	62	5102	0.358	ug/l	100
13) Acrolein	3.62	56	551	0.519	ug/l #	78
16) Acetone	3.82	43	4382	1.360	ug/l	94
18) Methyl Acetate	4.34	43	2080	0.225	ug/l #	90
19) Methyl tert-butyl Ether	5.05	73	19257	0.689	ug/l	96
20) Methylene Chloride	4.56	84	2893	0.230	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	8610	0.659	ug/l	91
28) Bromochloromethane	7.37	49	8544	0.861	ug/l #	14
29) Tetrahydrofuran	7.22	42	785	0.267	ug/l #	48
30) Chloroform	7.37	83	114238	5.272	ug/l	99
31) Cyclohexane	7.66	56	21119	0.644	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	76737	4.678	ug/l #	50
38) Carbon Tetrachloride	7.67	117	100276	6.752	ug/l #	16
43) Isopropyl Acetate	8.27	43	26460	1.562	ug/l #	51
44) Trichloroethene	8.83	130	6601	0.527	ug/l	96
47) Bromodichloromethane	9.40	83	10967	0.701	ug/l #	94
49) 1,4-Dioxane	9.20	88	30	0.327	ug/l #	1
56) Ethyl methacrylate	10.44	69	69	2.698	ug/l #	1
59) 2-Hexanone	10.76	43	1321	0.207	ug/l	63
60) Dibromochloromethane	10.91	129	3364	0.303	ug/l	92
64) Tetrachloroethene	10.63	164	21656	1.889	ug/l	96
71) Bromoform	12.13	173	2461	0.351	ug/l #	97
76) 1,2,3-Trichloropropane	12.40	75	301265	37.807	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	301265	126.258	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	3406	3.180	ug/l	93
94) Hexachlorobutadiene	15.01	225	1297	0.241	ug/l	94
95) Naphthalene	15.14	128	10515	3.932	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	4122	3.189	ug/l	97

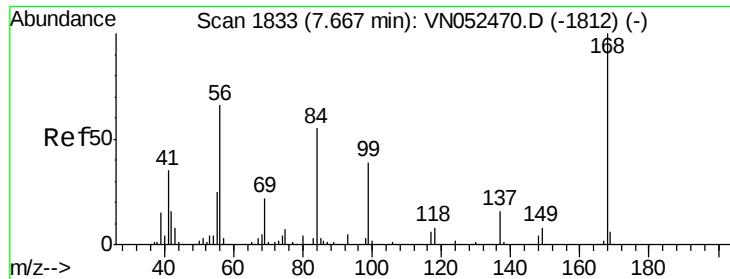
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\
Data File : VN052699.D
Acq On : 6 Dec 2018 15:00
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Quant Time: Dec 07 06:39:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

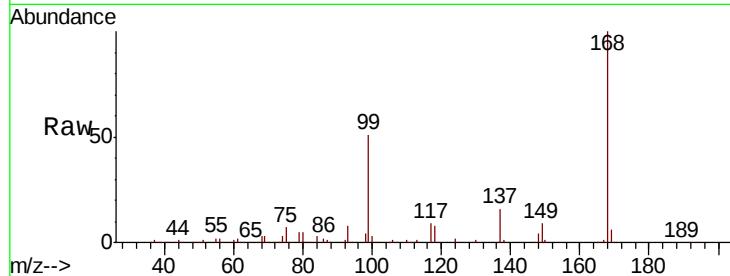
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1121615

Ion Ratio Lower Upper

168 100

99 50.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

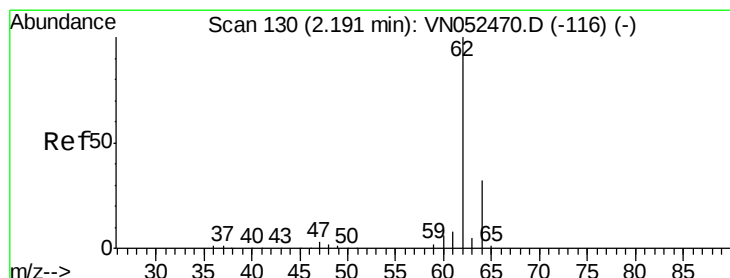
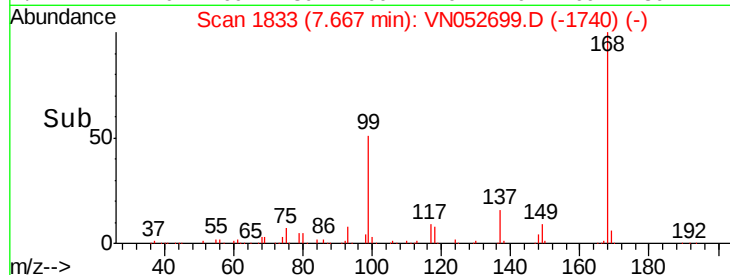
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 0.358 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052699.D

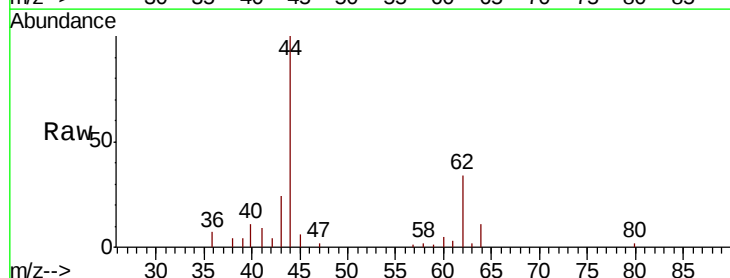
Acq: 6 Dec 2018 15:00

Tgt Ion: 62 Resp: 5102

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

4000

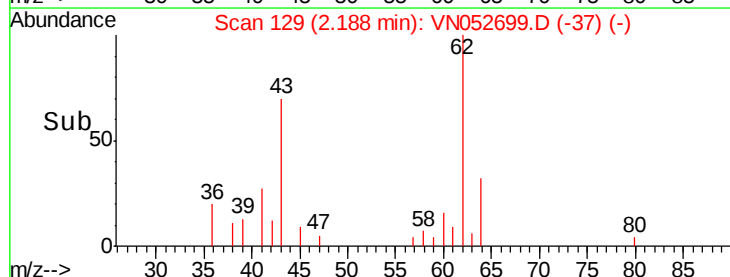
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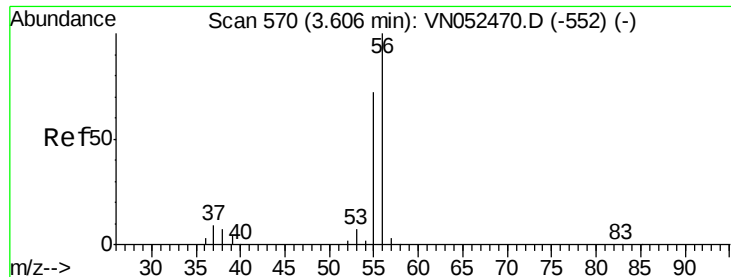
2000

1000

0

Time-->





#13

Acrolein

Concen: 0.519 ug/l

RT: 3.62 min Scan# 575

Delta R.T. 0.02 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

Instrument :

MSVOA_N

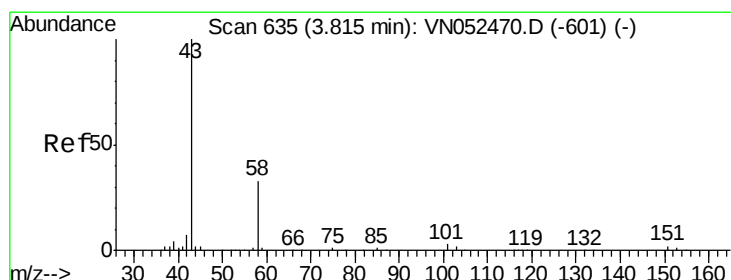
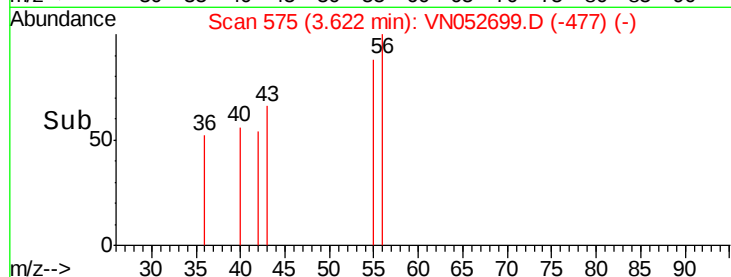
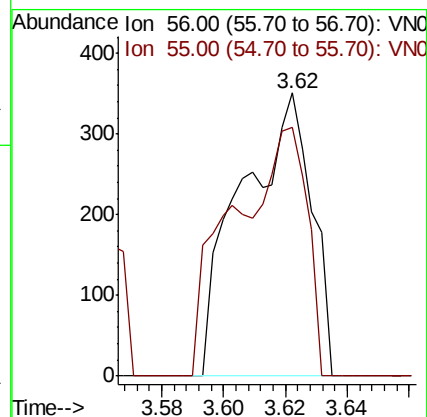
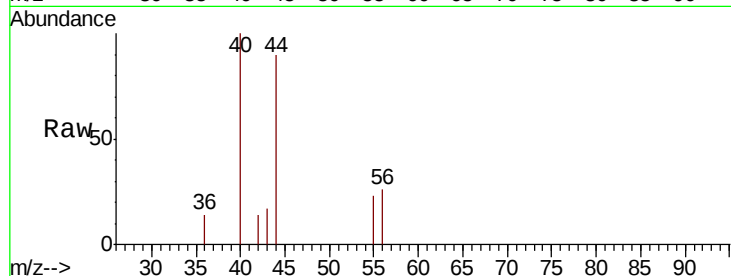
ClientSampleId :

Tot Ion: 56 Resp: 551

Ion Ratio Lower Upper

56 100

55 52.6 56.8 85.2#



#16

Acetone

Concen: 1.360 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052699.D

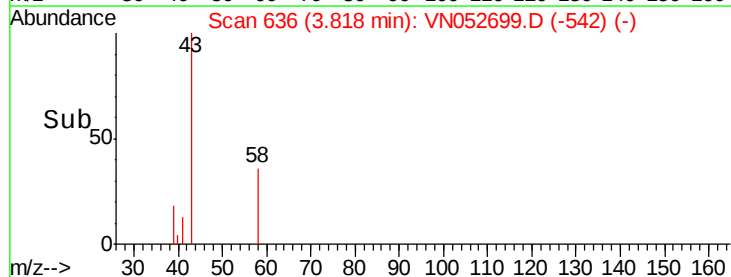
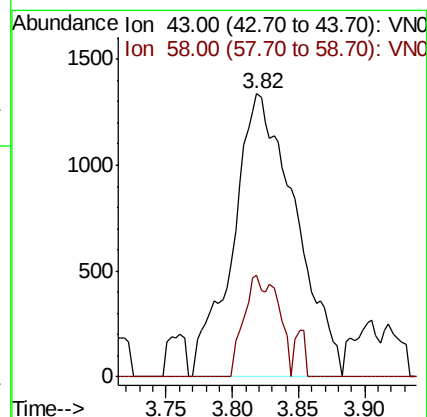
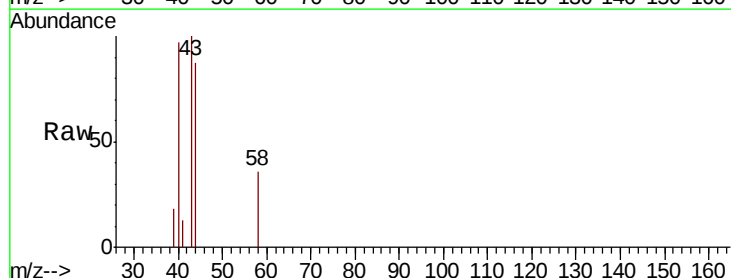
Acq: 6 Dec 2018 15:00

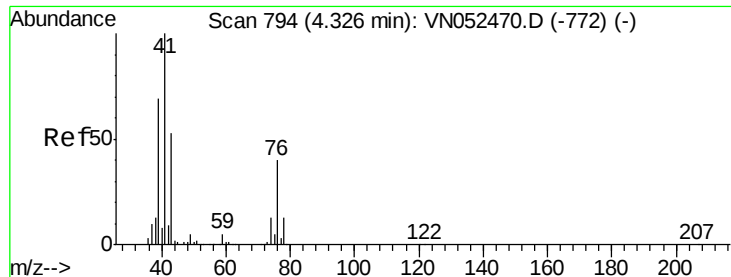
Tgt Ion: 43 Resp: 4382

Ion Ratio Lower Upper

43 100

58 36.0 26.0 39.0

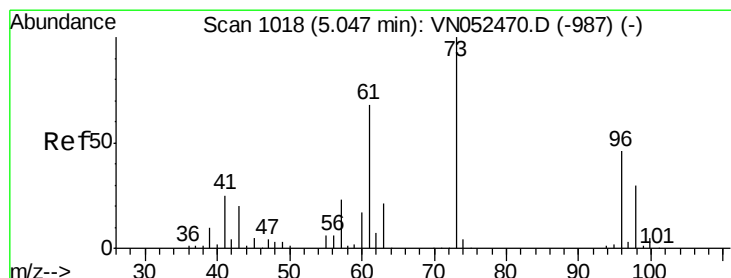
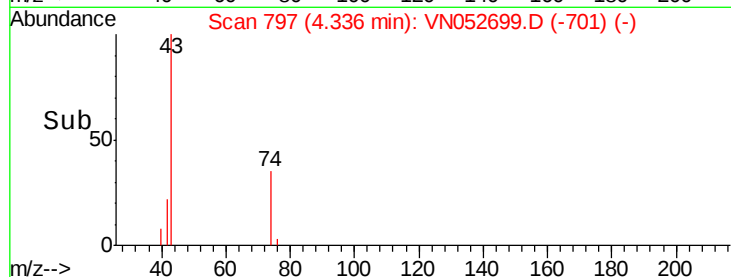
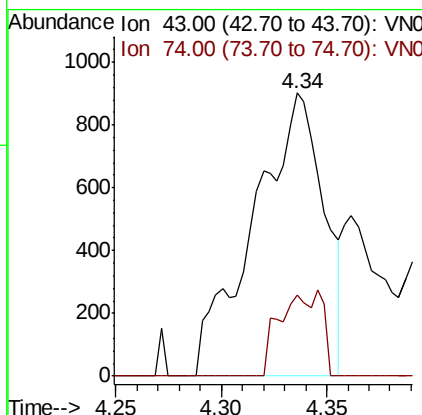
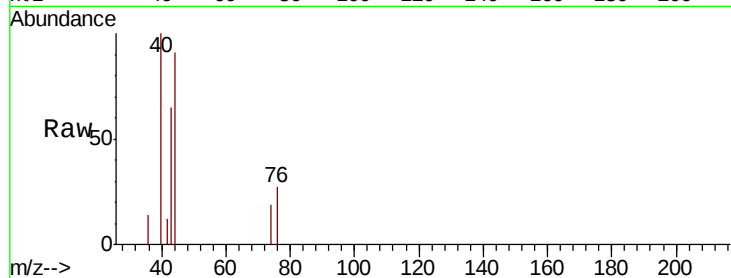




#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

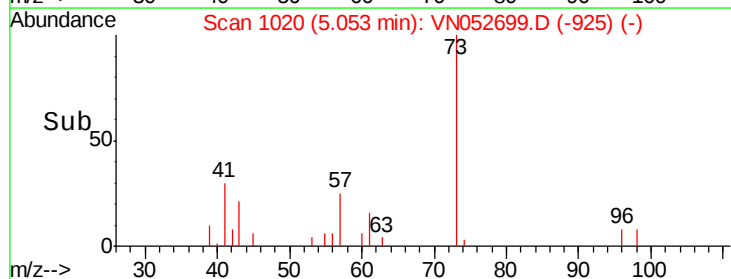
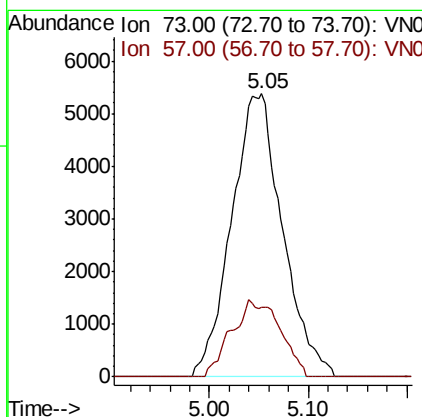
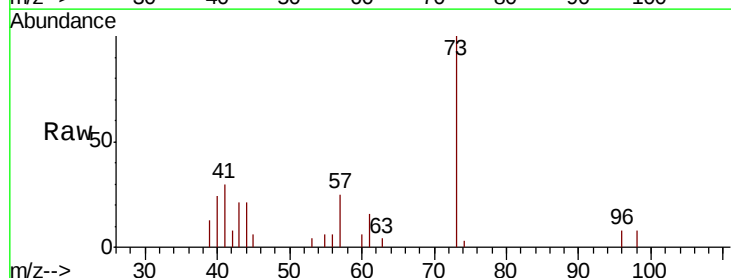
Instrument :
MSVOA_N
ClientSampled :

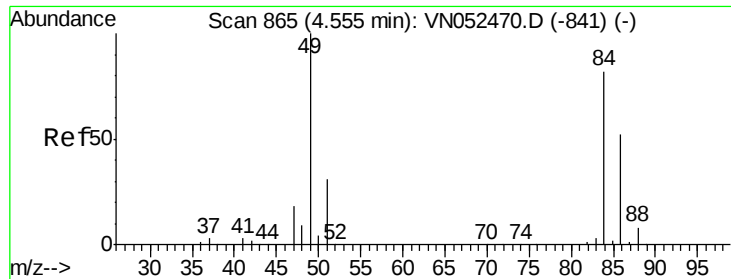
Tot Ion: 43 Resp: 2080
Ion Ratio Lower Upper
43 100
74 18.4 18.6 27.8#



#19
Methyl tert-butyl Ether
Concen: 0.689 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

Tgt Ion: 73 Resp: 19257
Ion Ratio Lower Upper
73 100
57 24.6 18.2 27.2

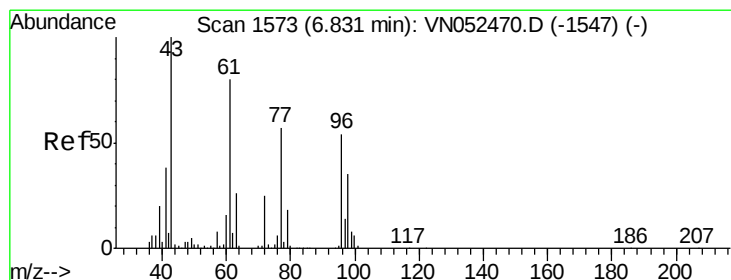
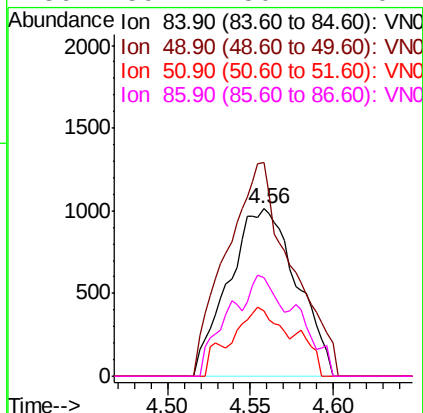
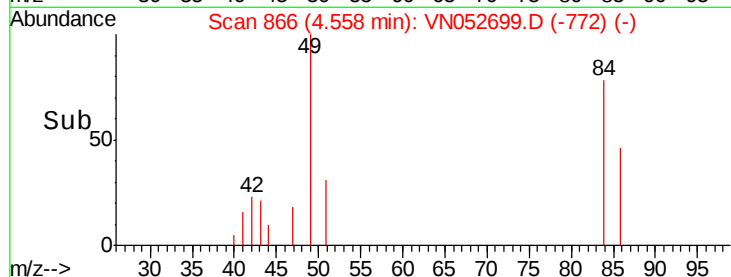
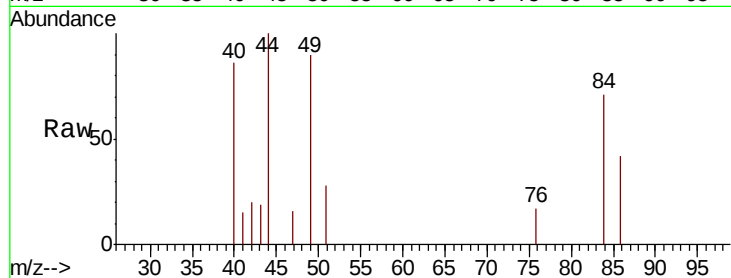




#20
Methvlene Chloride
Concen: 0.230 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

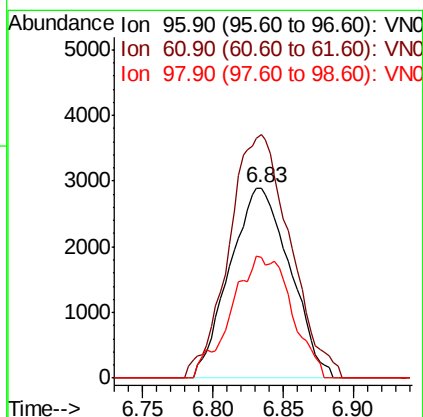
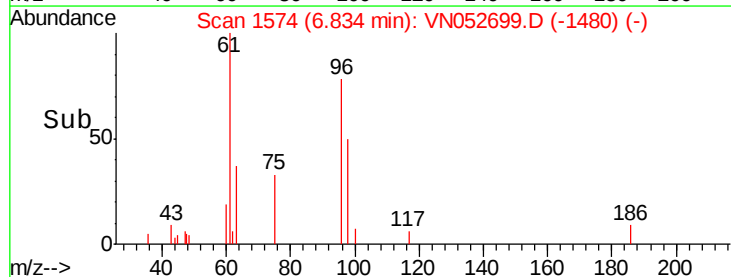
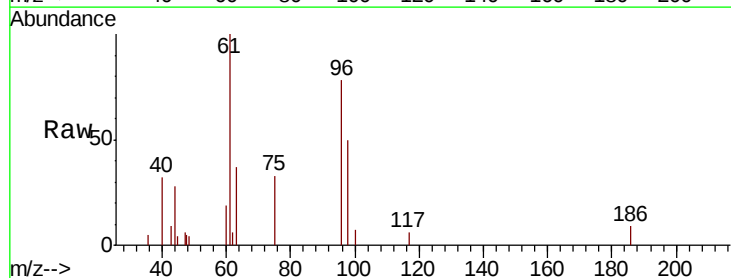
Instrument :
MSVOA_N
ClientSampleId :

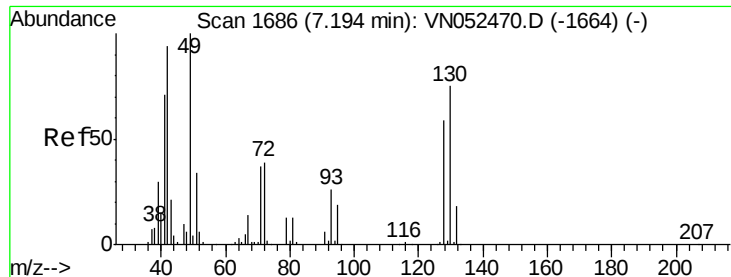
Tot Ion: 84 Resp: 2893
Ion Ratio Lower Upper
84 100
49 127.6 98.0 147.0
51 38.9 30.1 45.1
86 59.1 50.7 76.1



#27
cis-1,2-Dichloroethene
Concen: 0.659 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

Tgt Ion: 96 Resp: 8610
Ion Ratio Lower Upper
96 100
61 130.2 0.0 291.0
98 64.1 0.0 130.0





#28

Bromochloromethane

Concen: 0.861 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.18 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

Instrument :
MSVOA_N
ClientSampleId :

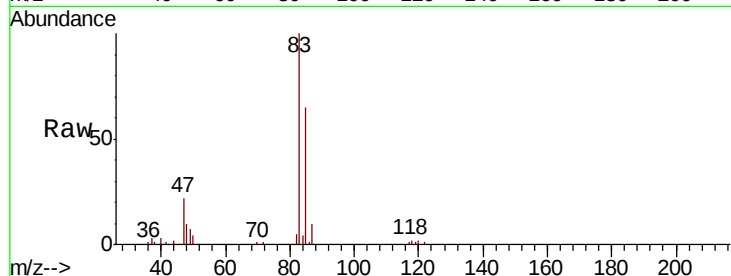
Tot Ion: 49 Resp: 8544

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

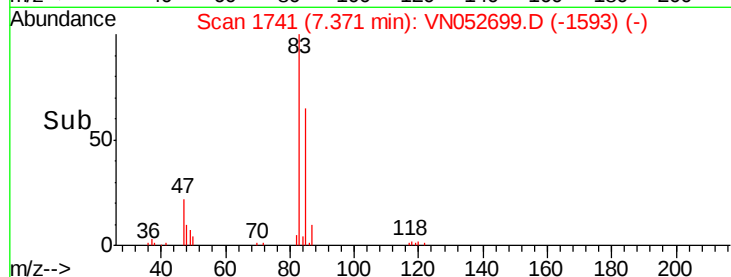
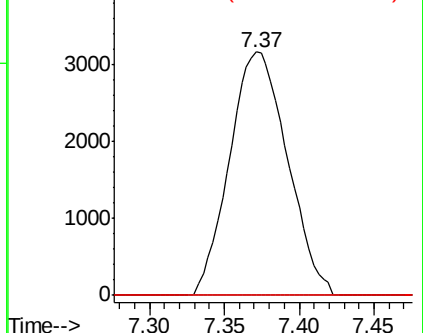
130 0.0 60.2 90.2#



Abundance Ion 48.90 (48.60 to 49.60): VN052470.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN052470.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN052470.D (-1664) (-)



#29

Tetrahydrofuran

Concen: 0.267 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

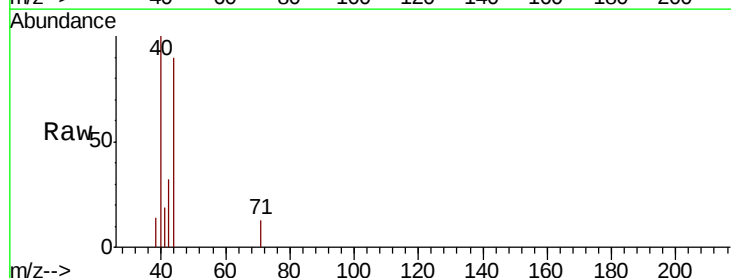
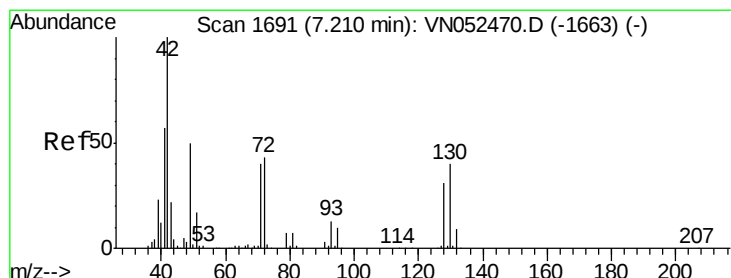
Tgt Ion: 42 Resp: 785

Ion Ratio Lower Upper

42 100

72 9.0 33.3 49.9#

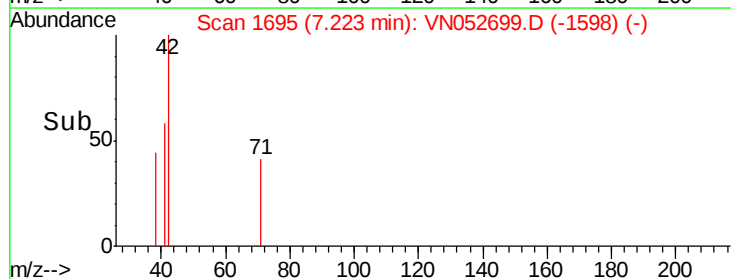
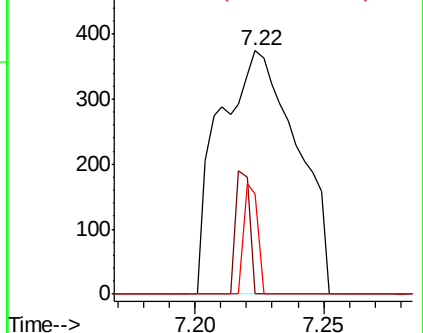
71 8.0 32.0 48.0#

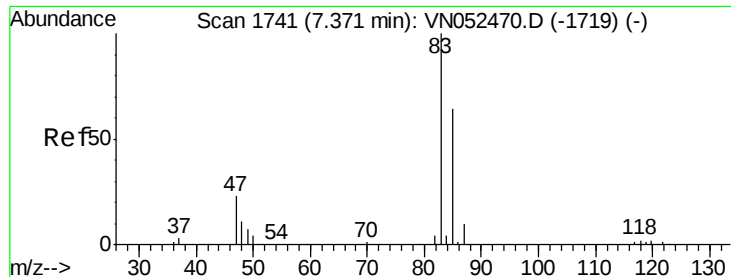


Abundance Ion 42.00 (41.70 to 42.70): VN052470.D (-1663) (-)

Ion 72.00 (71.70 to 72.70): VN052470.D (-1663) (-)

Ion 71.00 (70.70 to 71.70): VN052470.D (-1663) (-)

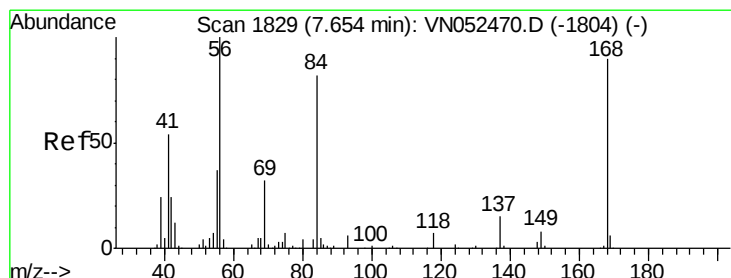
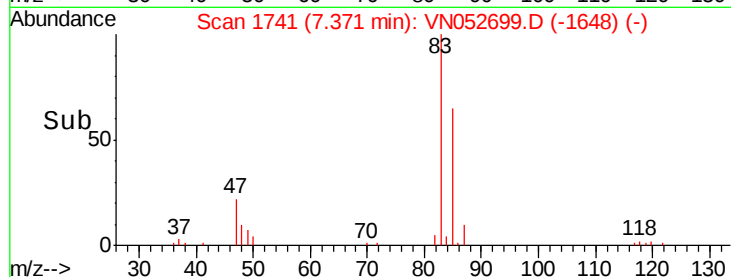
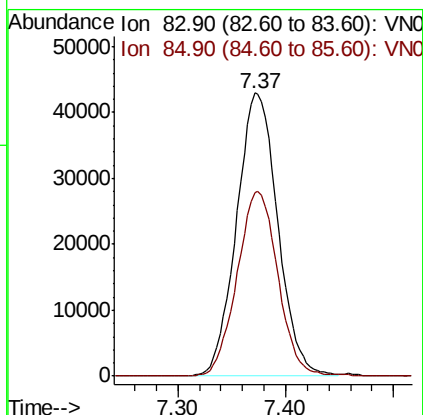
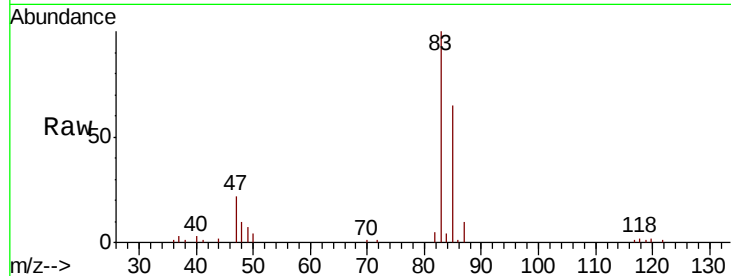




#30
Chloroform
Concen: 5.272 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

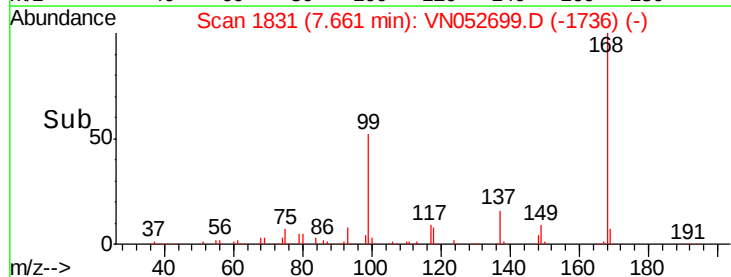
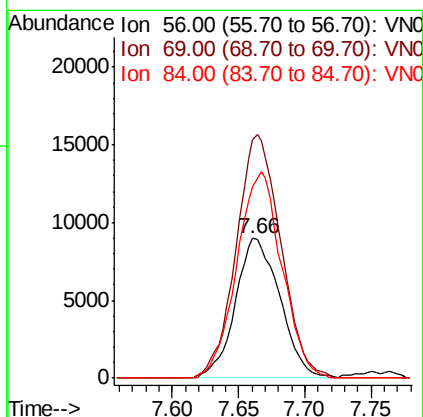
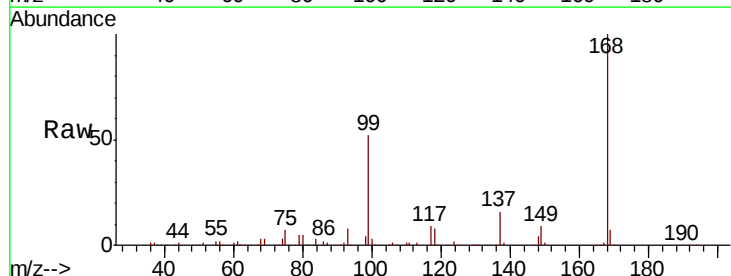
Instrument :
MSVOA_N
ClientSampled :

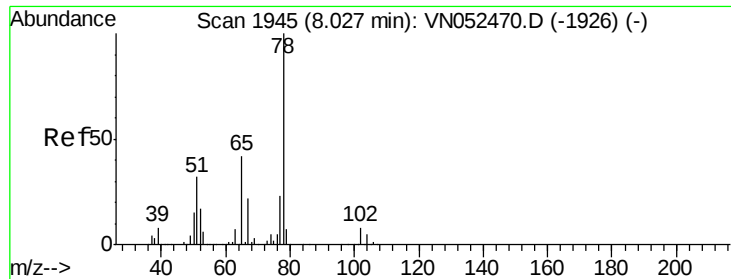
Tot Ion: 83 Resp: 114238
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.4



#31
Cyclohexane
Concen: 0.644 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

Tgt Ion: 56 Resp: 21119
Ion Ratio Lower Upper
56 100
69 170.4 25.8 38.6#
84 137.1 65.3 97.9#

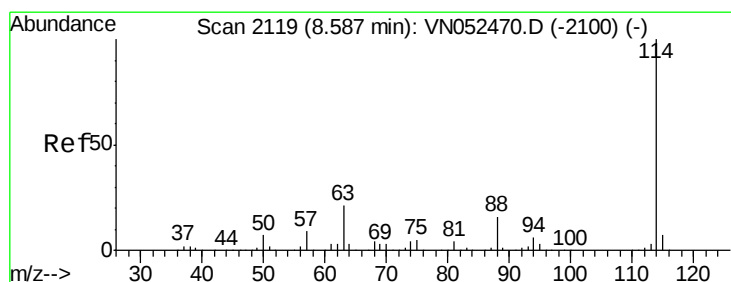
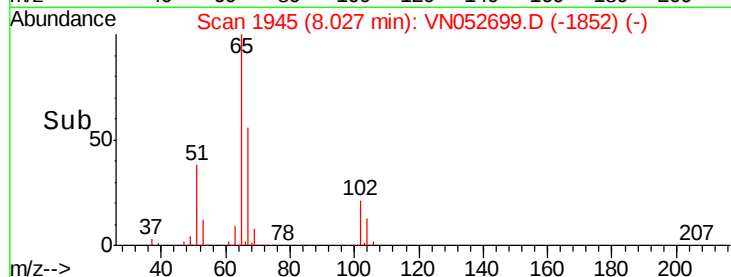
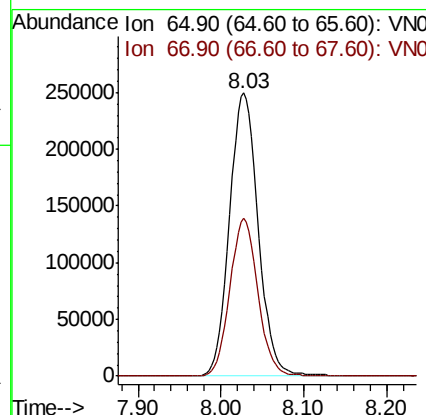
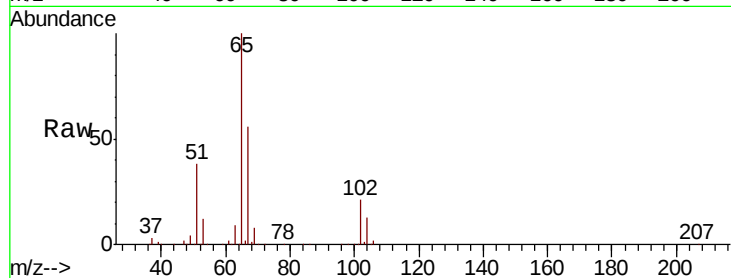




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052699.D
 Acq: 6 Dec 2018 15:00

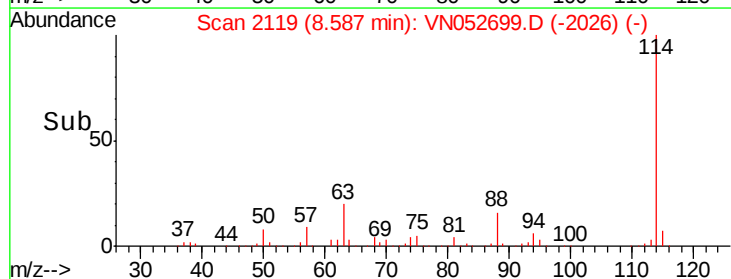
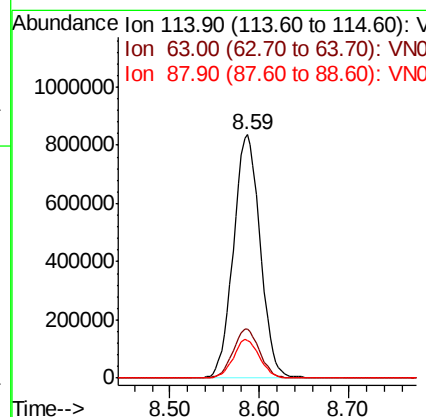
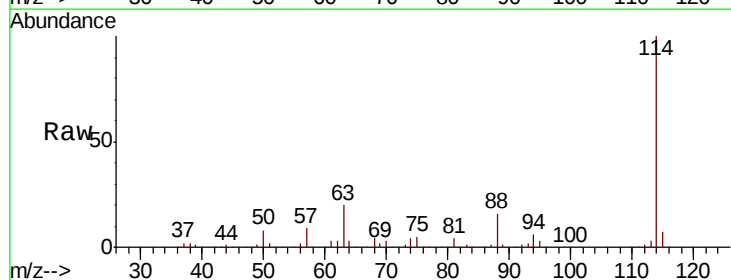
Instrument :
 MSVOA_N
 ClientSampled :

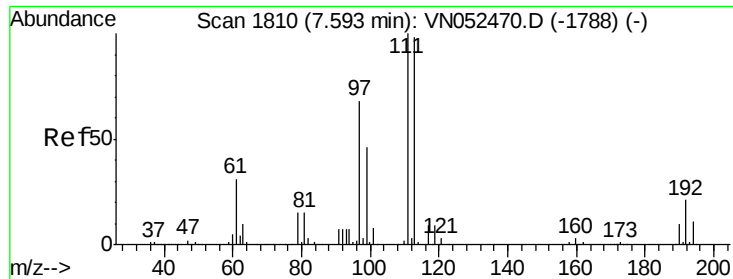
Tot Ion: 65 Resp: 600766
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052699.D
 Acq: 6 Dec 2018 15:00

Tgt Ion: 114 Resp: 1737237
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.8
 88 15.6 0.0 31.6

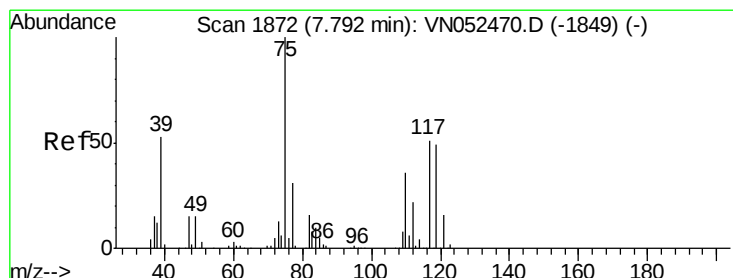
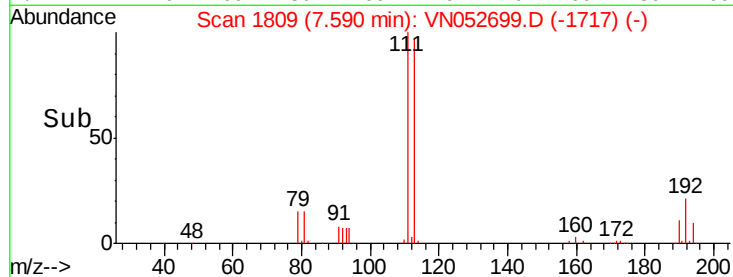
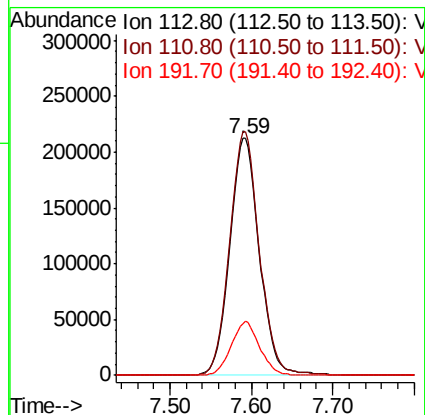
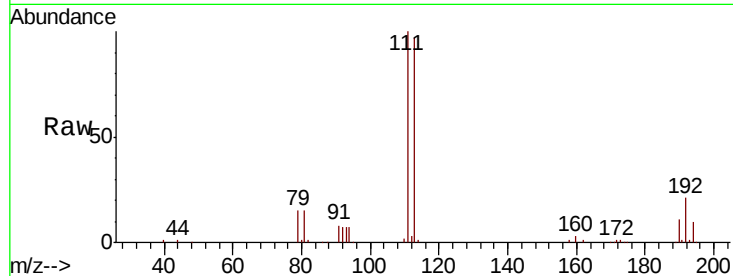




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052699.D
 Acq: 6 Dec 2018 15:00

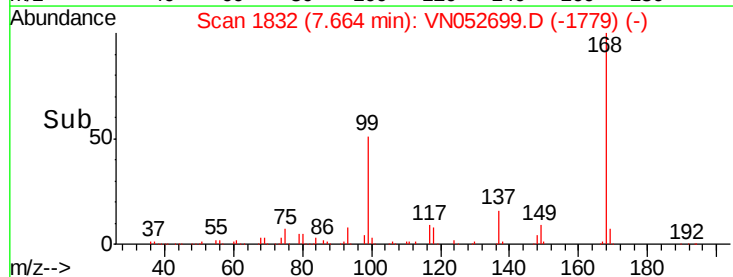
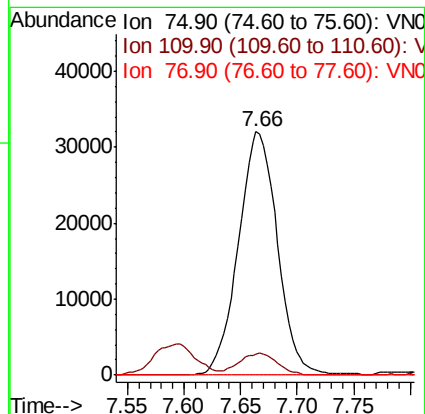
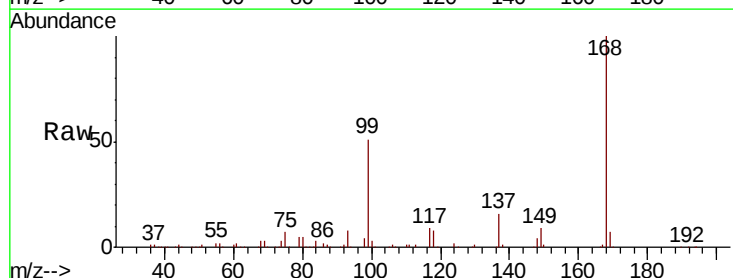
Instrument :
 MSVOA_N
 ClientSampled :

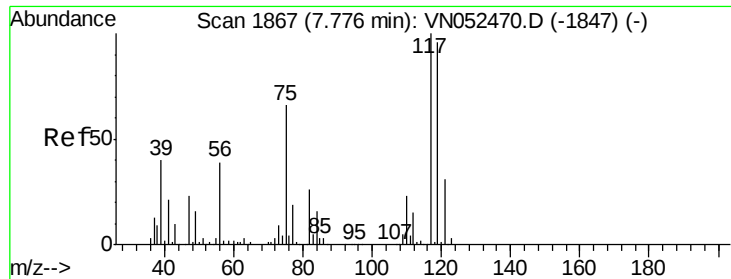
Tot Ion:113 Resp: 539153
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.0 123.0
 192 22.0 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 4.678 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052699.D
 Acq: 6 Dec 2018 15:00

Tgt Ion: 75 Resp: 76737
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.5 52.6#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.752 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

Instrument :

MSVOA_N

ClientSampleId :

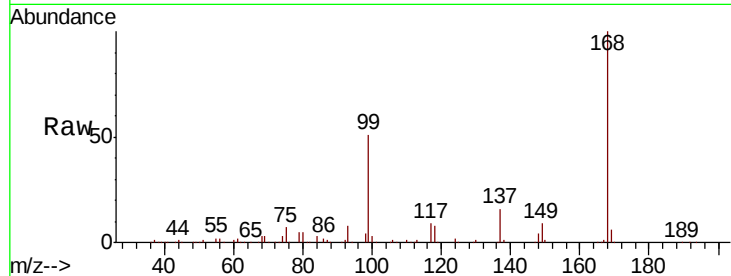
Tot Ion:117 Resp: 100276

Ion Ratio Lower Upper

117 100

119 5.0 76.8 115.2#

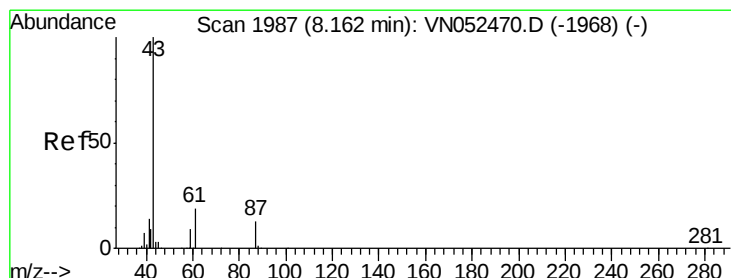
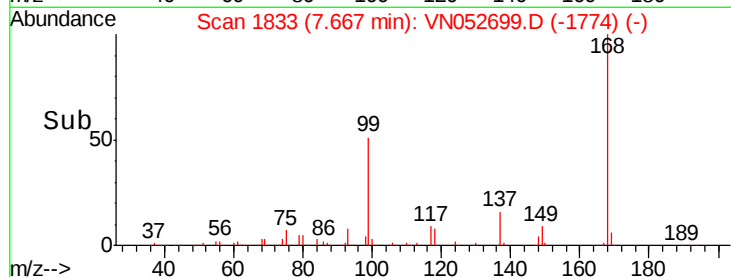
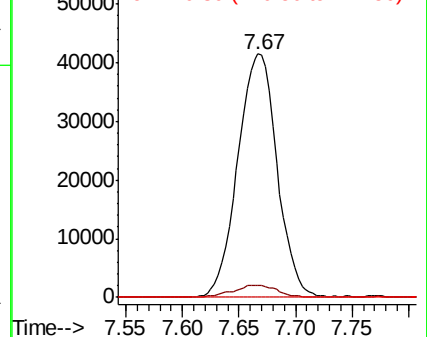
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.562 ug/l

RT: 8.27 min Scan# 2021

Delta R.T. 0.11 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

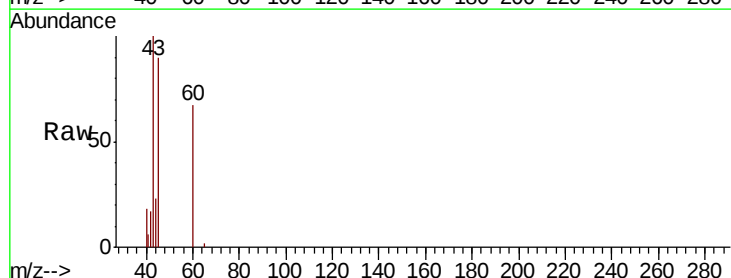
Tgt Ion: 43 Resp: 26460

Ion Ratio Lower Upper

43 100

61 0.0 24.1 36.1#

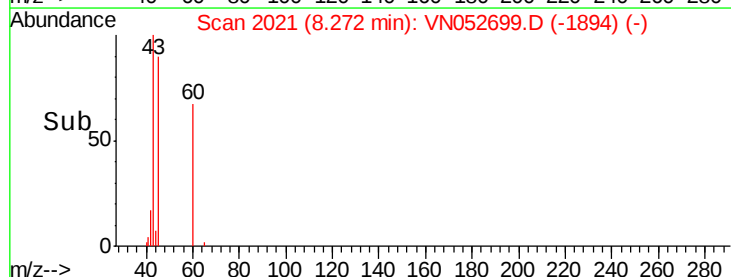
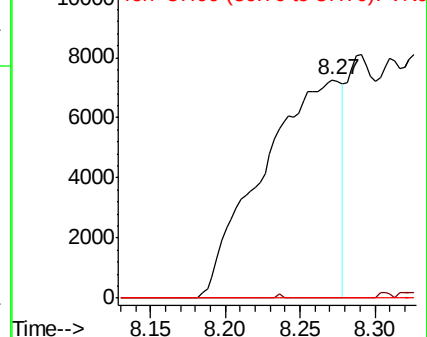
87 0.0 10.6 15.8#

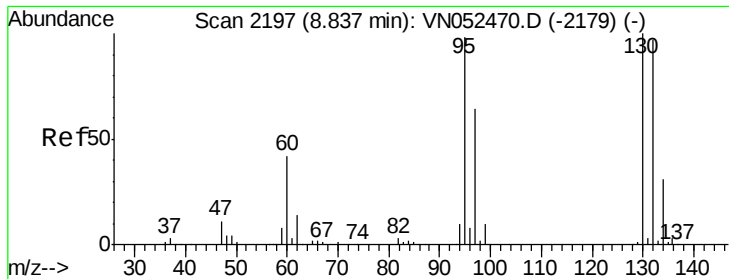


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#44

Trichloroethene

Concen: 0.527 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

Instrument :

MSVOA_N

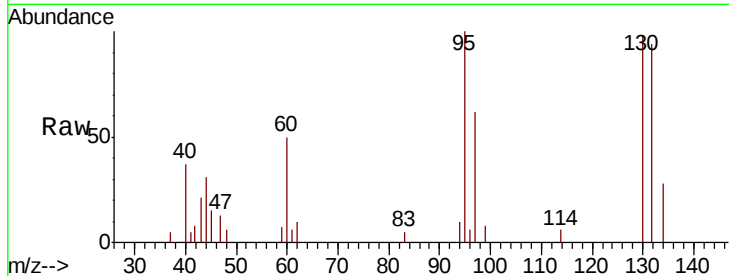
ClientSampled :

Tot Ion:130 Resp: 6601

Ion Ratio Lower Upper

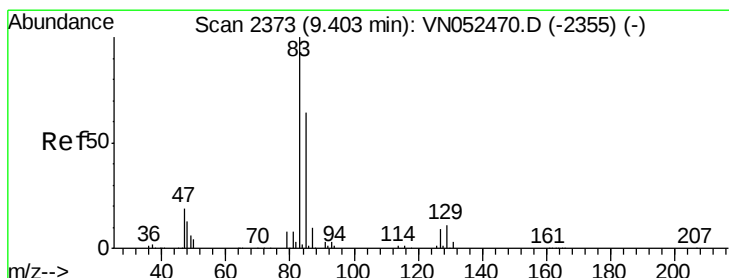
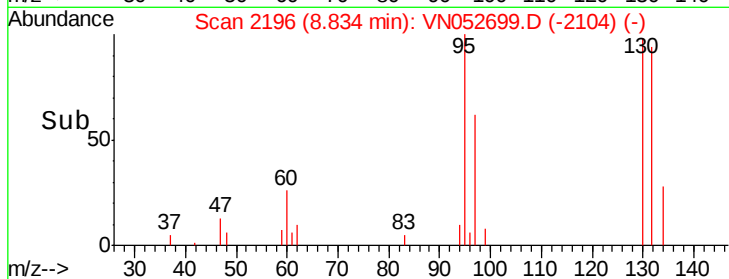
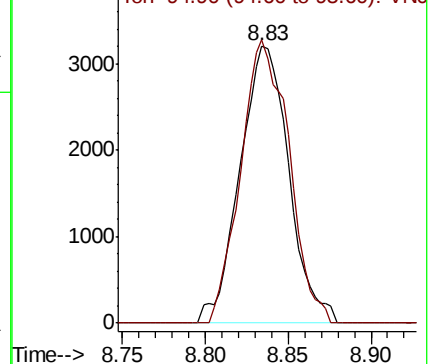
130 100

95 102.1 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#47

Bromodichloromethane

Concen: 0.701 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

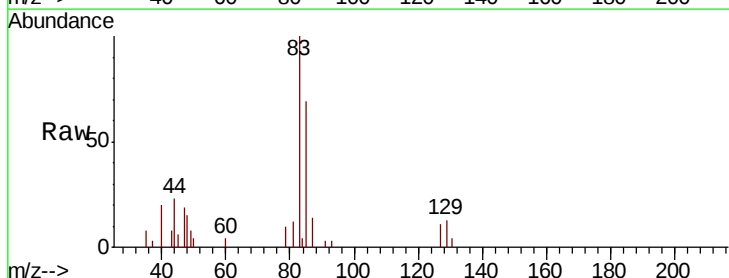
Tgt Ion: 83 Resp: 10967

Ion Ratio Lower Upper

83 100

85 68.6 51.3 76.9

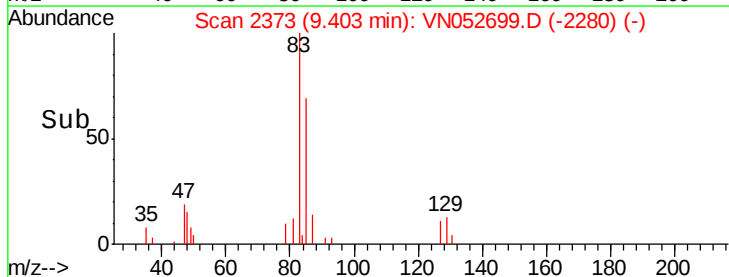
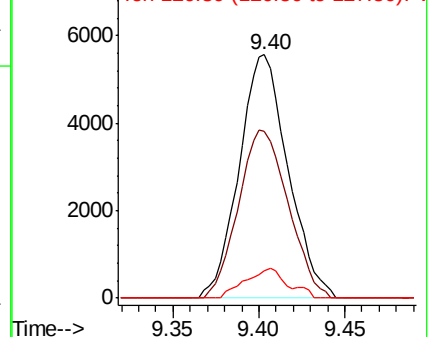
127 11.1 6.9 10.3#

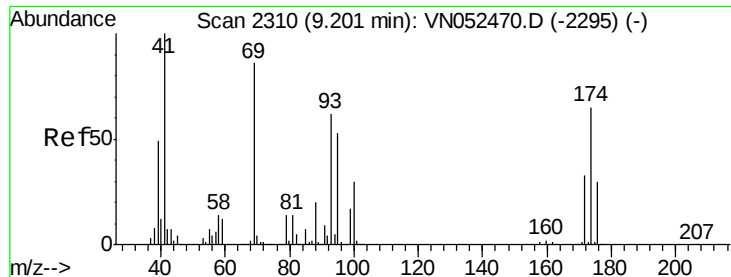


Abundance Ion 82.90 (82.60 to 83.60): VN

Ion 84.90 (84.60 to 85.60): VN

Ion 126.80 (126.50 to 127.50): V

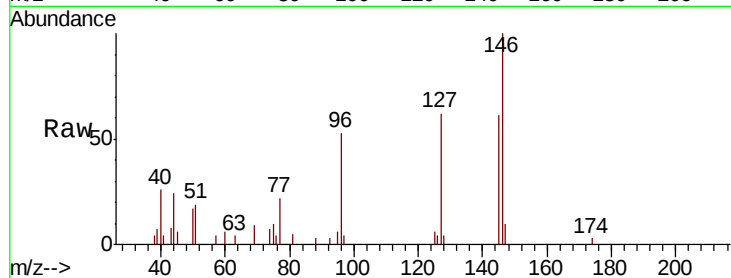




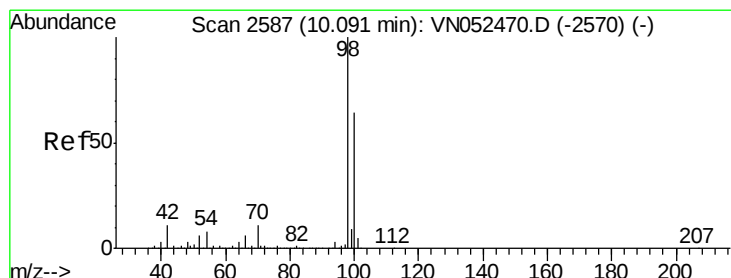
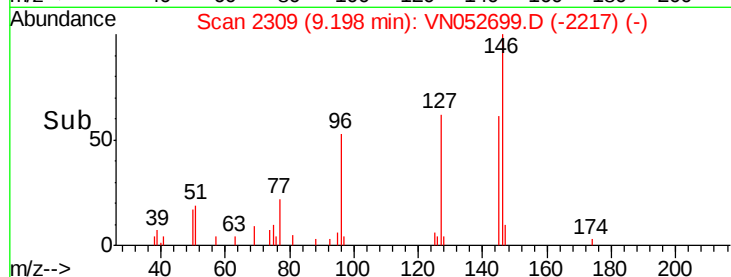
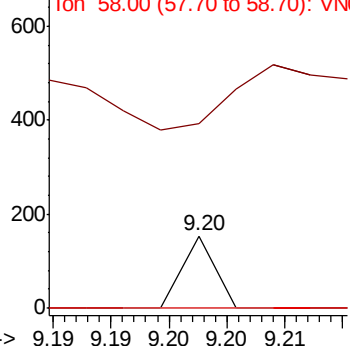
#49
1,4-Dioxane
Concen: 0.327 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 1060.0 26.4 39.6#
58 0.0 55.4 83.0#

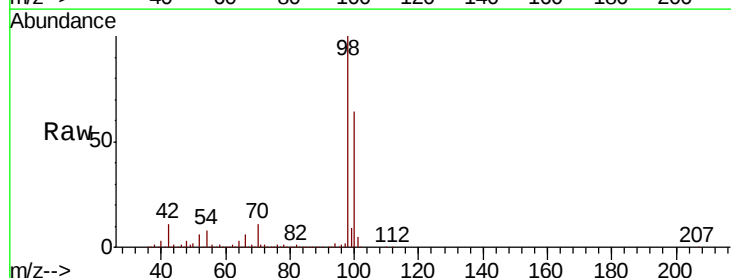


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

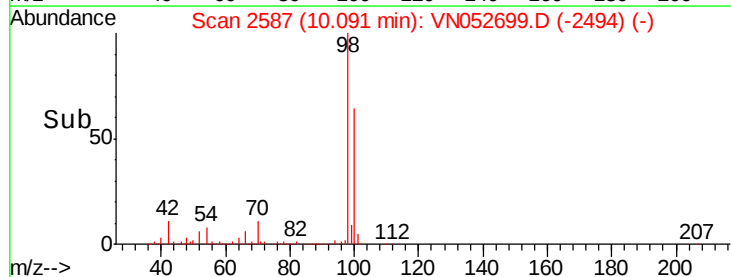
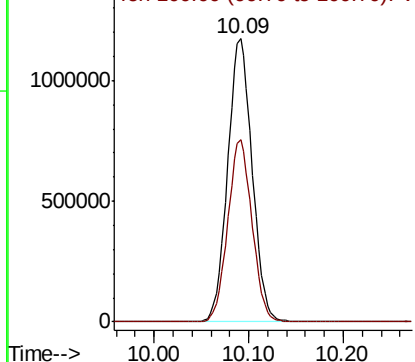


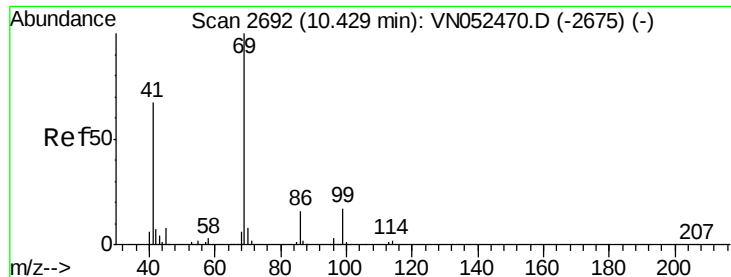
#50
Toluene-d8
Concen: 0.327 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

Tgt Ion: 98 Resp: 2111554
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



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





#56

Ethyl methacrylate

Concen: 2.698 ug/l

RT: 10.44 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

Instrument :

MSVOA_N

ClientSampleId :

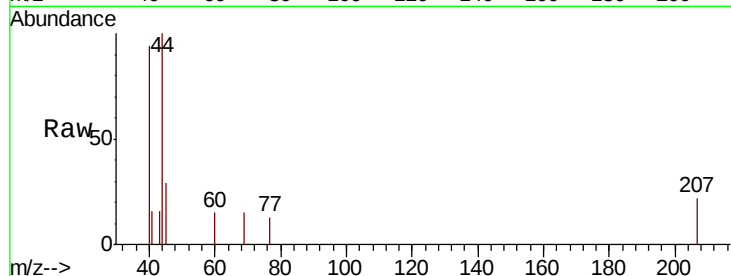
Tot Ion: 69 Resp: 69

Ion Ratio Lower Upper

69 100

41 460.9 52.6 79.0#

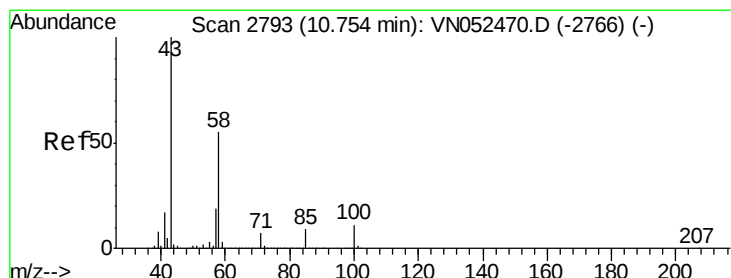
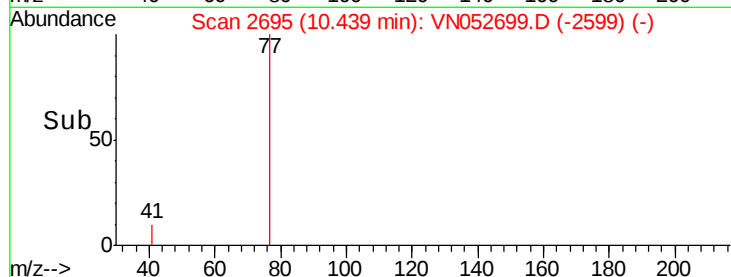
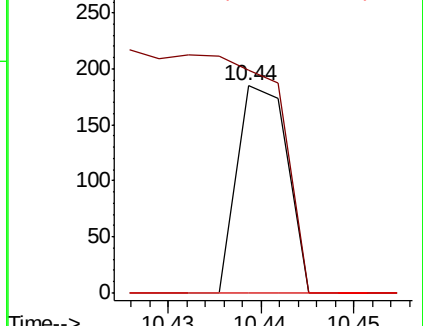
39 0.0 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN052470.D (-2675) (-)

Ion 41.00 (40.70 to 41.70): VN052470.D (-2675) (-)

Ion 39.00 (38.70 to 39.70): VN052470.D (-2675) (-)



#59

2-Hexanone

Concen: 0.207 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN052699.D

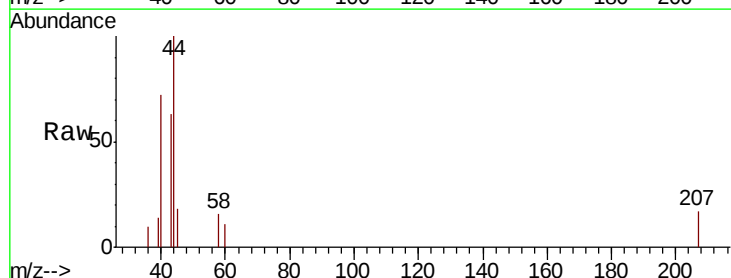
Acq: 6 Dec 2018 15:00

Tgt Ion: 43 Resp: 1321

Ion Ratio Lower Upper

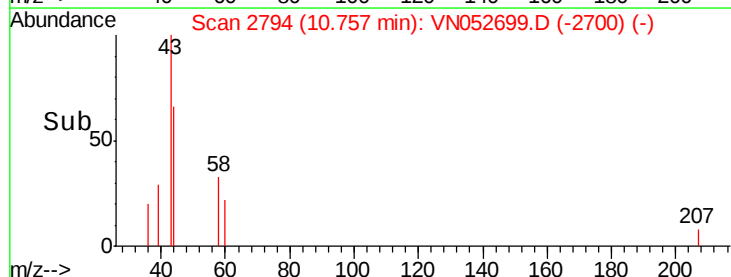
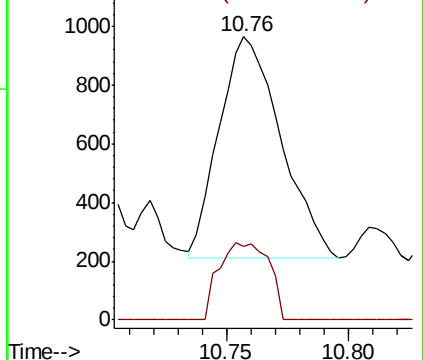
43 100

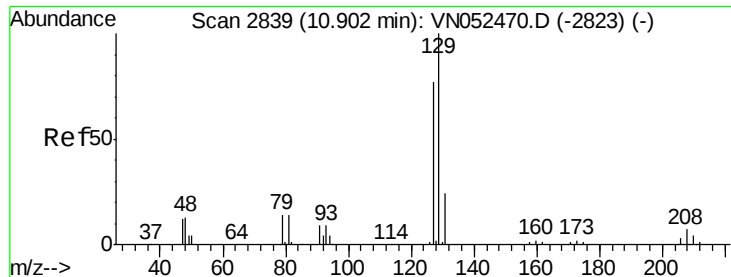
58 28.2 27.4 82.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-2766) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-2766) (-)

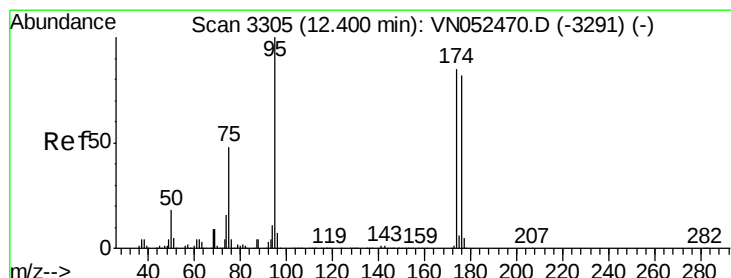
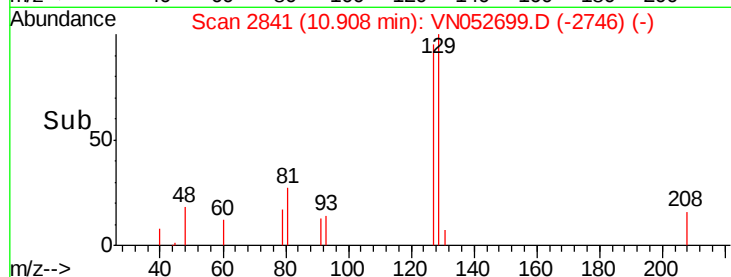
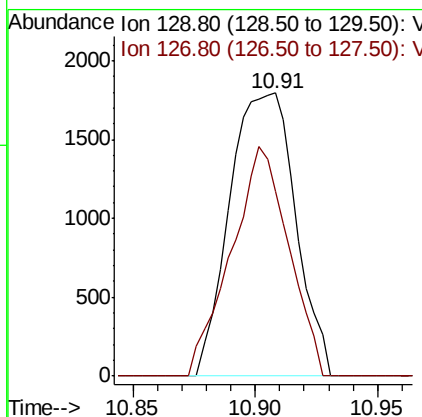
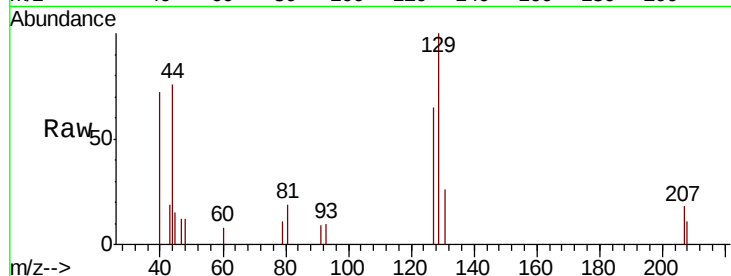




#60
 Dibromochloromethane
 Concen: 0.303 ug/l
 RT: 10.91 min Scan# 2841
 Delta R.T. 0.01 min
 Lab File: VN052699.D
 Acq: 6 Dec 2018 15:00

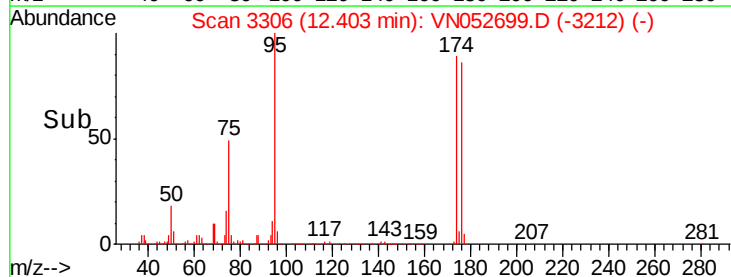
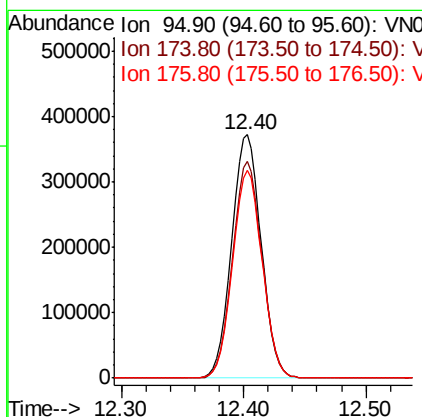
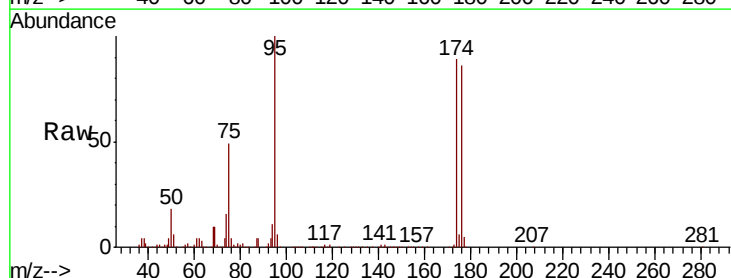
Instrument :
 MSVOA_N
 ClientSampled :

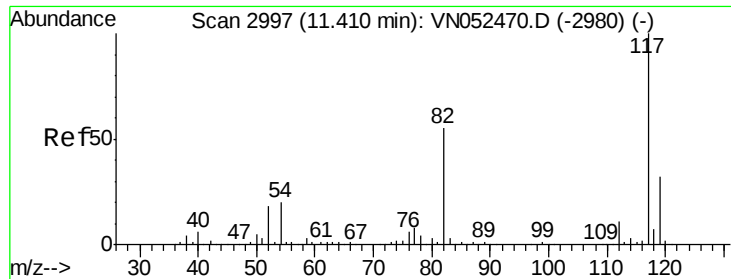
Tot Ion:129 Resp: 3364
 Ion Ratio Lower Upper
 129 100
 127 70.6 38.9 116.6



#62
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052699.D
 Acq: 6 Dec 2018 15:00

Tgt Ion: 95 Resp: 625775
 Ion Ratio Lower Upper
 95 100
 174 88.6 0.0 173.0
 176 85.6 0.0 166.2

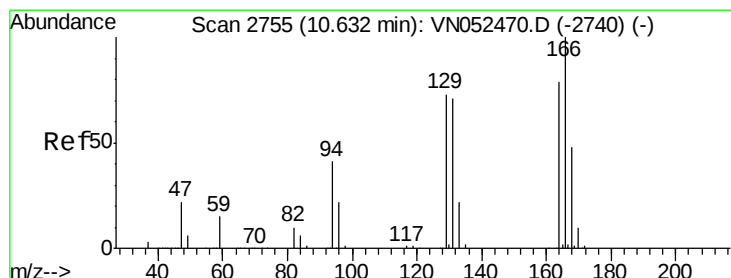
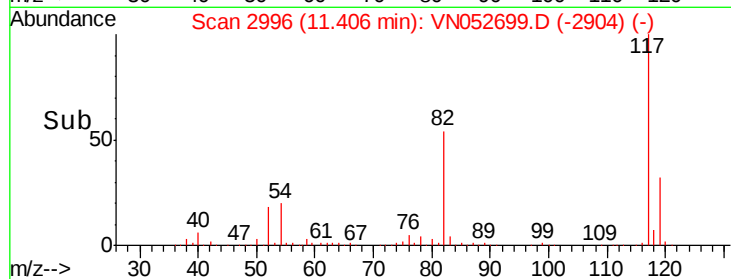
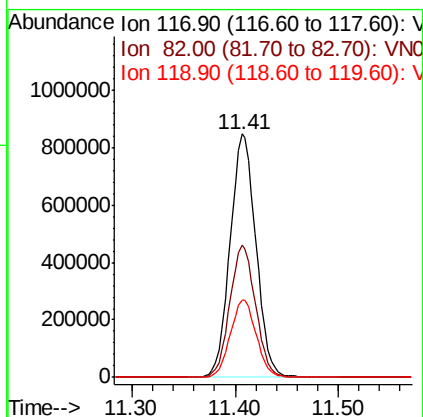
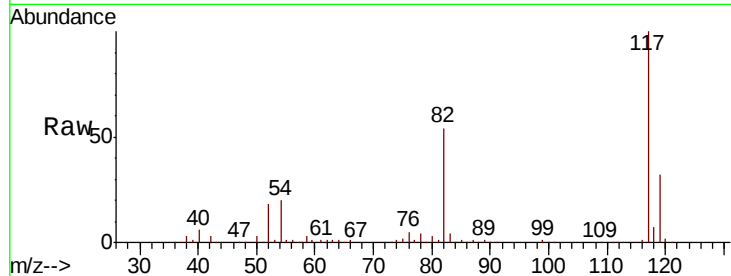




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

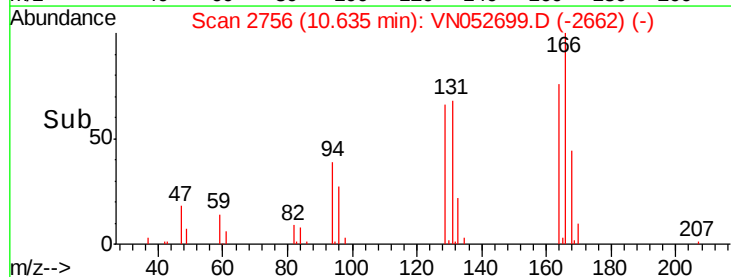
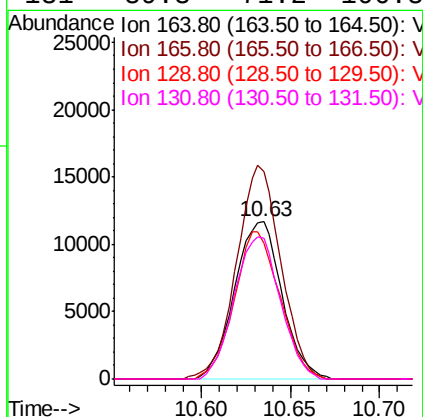
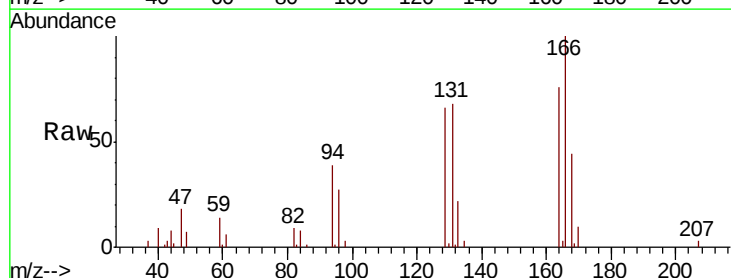
Instrument :
MSVOA_N
ClientSampled :

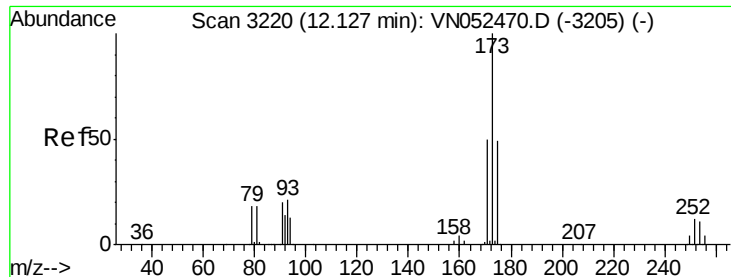
Tot Ion:117 Resp: 1479011
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 1.889 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN052699.D
Acq: 6 Dec 2018 15:00

Tgt Ion:164 Resp: 21656
Ion Ratio Lower Upper
164 100
166 132.2 101.0 151.4
129 86.8 73.8 110.6
131 89.3 71.2 106.8





#71

Bromoform

Concen: 0.351 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

Instrument :

MSVOA_N

ClientSampleId :

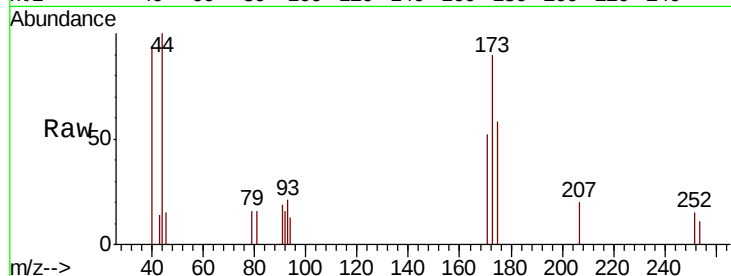
Tot Ion:173 Resp: 2461

Ion Ratio Lower Upper

173 100

175 50.6 24.4 73.2

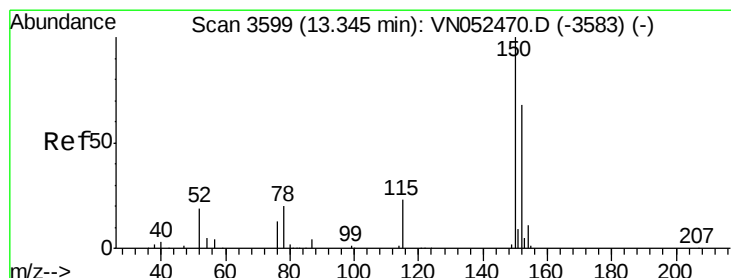
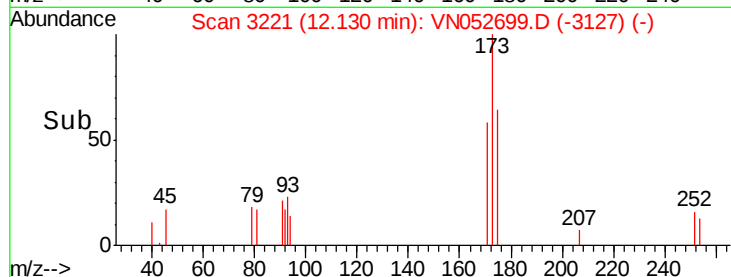
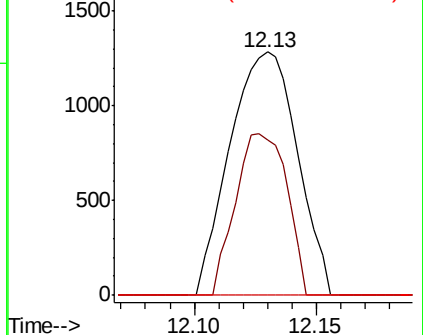
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

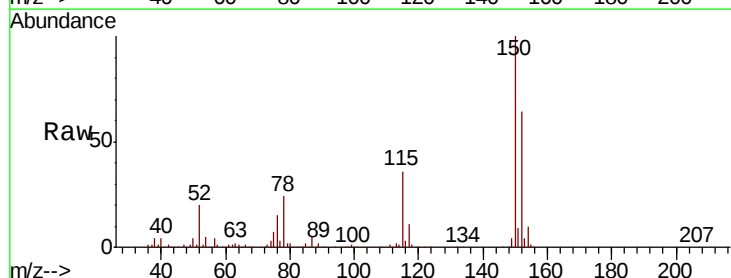
Tgt Ion:152 Resp: 516744

Ion Ratio Lower Upper

152 100

115 56.3 28.4 85.2

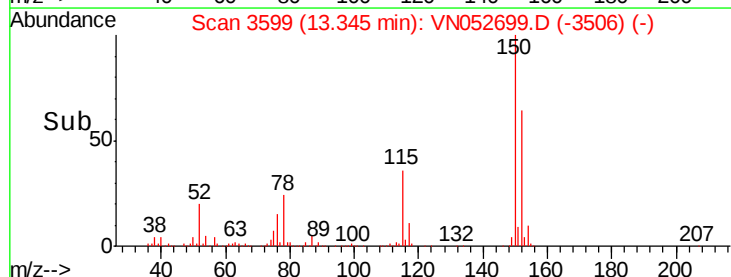
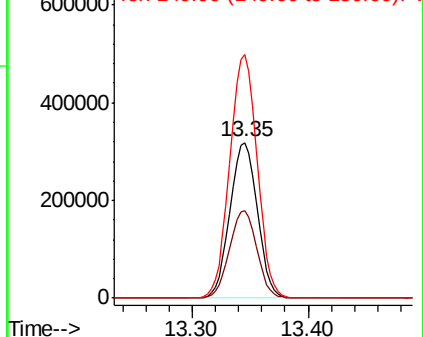
150 157.1 0.0 346.0

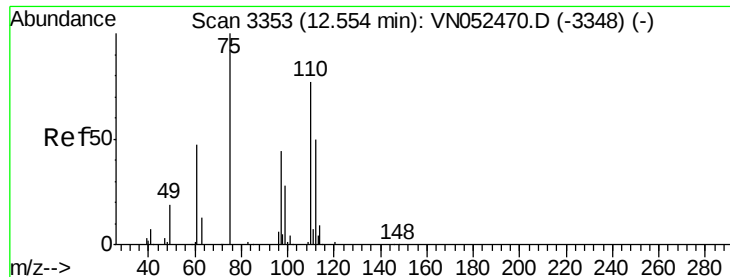


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 37.807 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

Instrument :

MSVOA_N

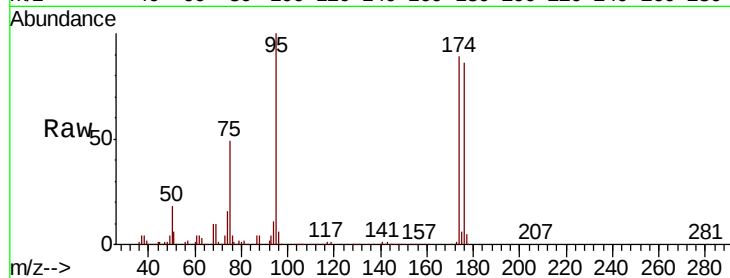
ClientSampled :

Tot Ion: 75 Resp: 301265

Ion Ratio Lower Upper

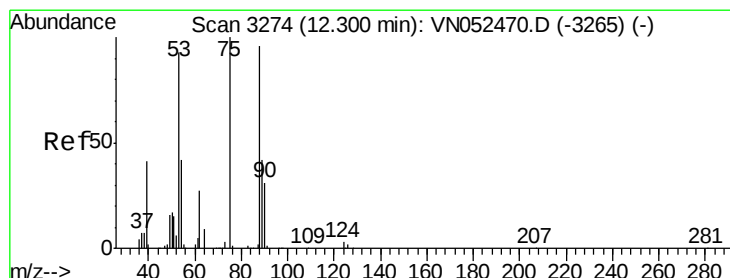
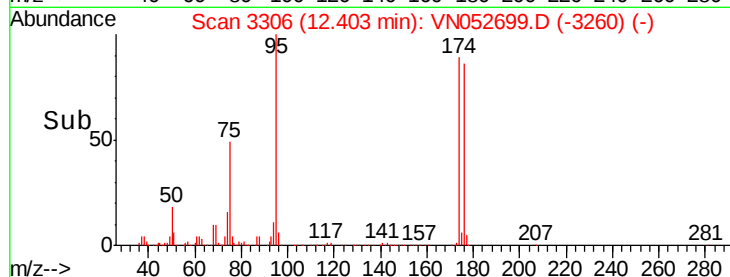
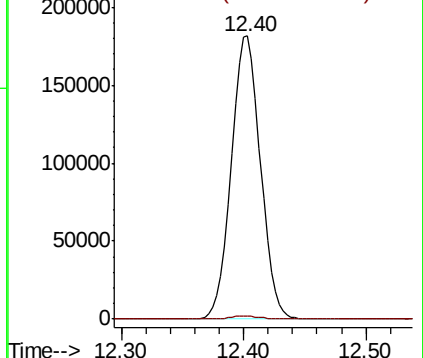
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 126.258 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

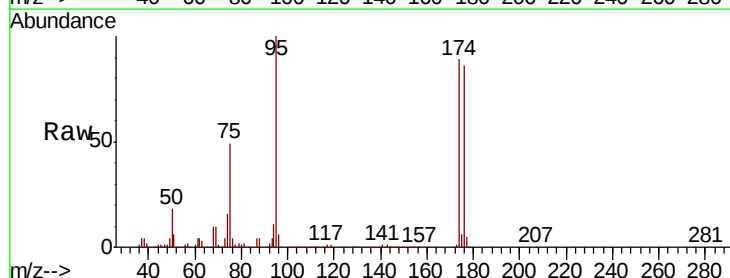
Tgt Ion: 75 Resp: 301265

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

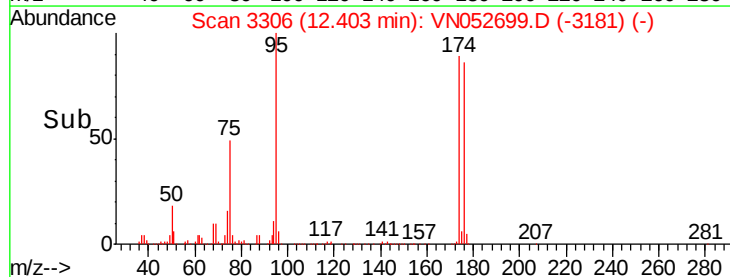
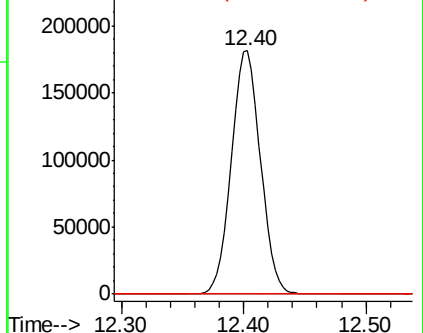
89 0.0 35.4 53.2#

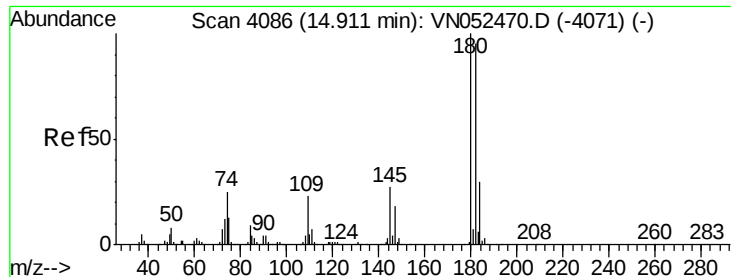


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

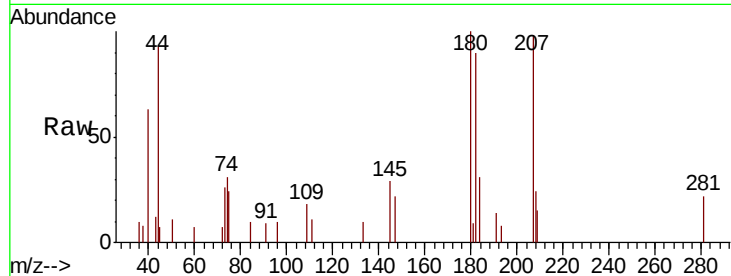




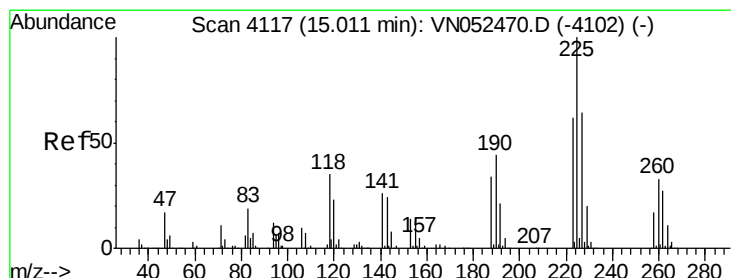
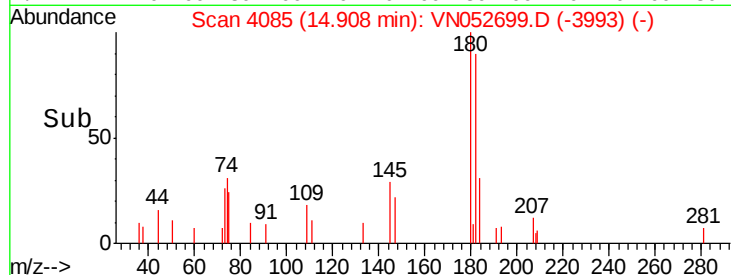
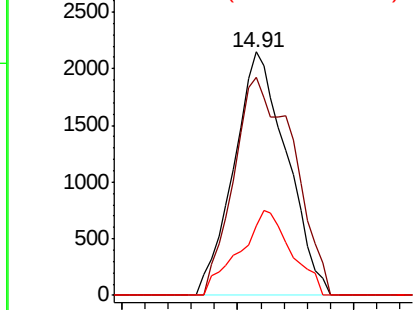
#93
 1,2,4-Trichlorobenzene
 Concen: 3.180 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN052699.D
 Acq: 6 Dec 2018 15:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 3406
 Ion Ratio Lower Upper
 180 100
 182 101.3 47.8 143.4
 145 34.3 14.1 42.3

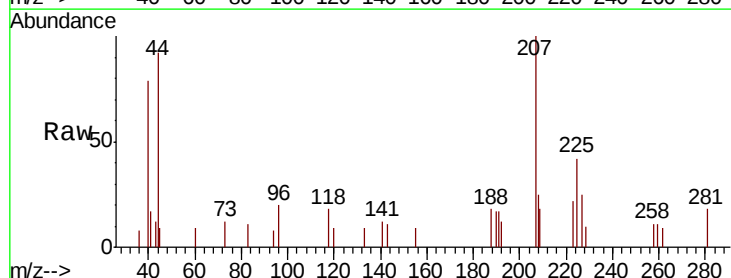


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

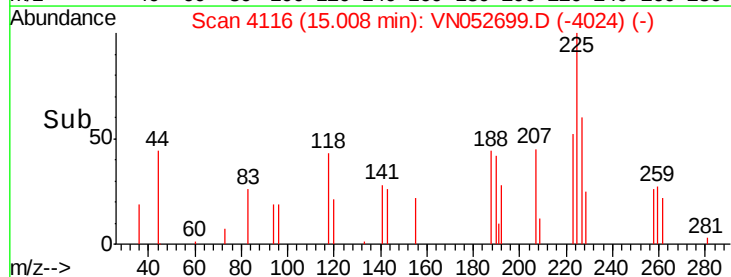
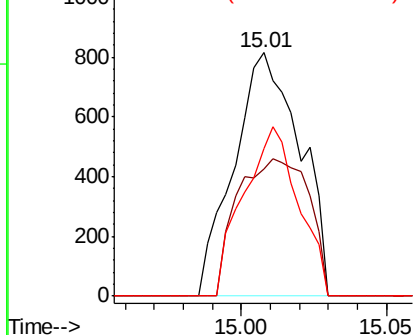


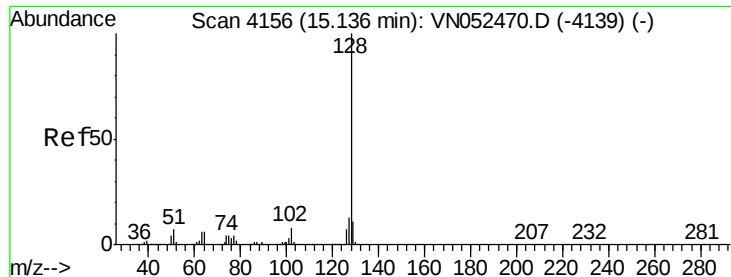
#94
 Hexachlorobutadiene
 Concen: 0.241 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN052699.D
 Acq: 6 Dec 2018 15:00

Tgt Ion:225 Resp: 1297
 Ion Ratio Lower Upper
 225 100
 223 60.6 31.4 94.2
 227 57.7 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 3.932 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

Instrument :

MSVOA_N

ClientSampleId :

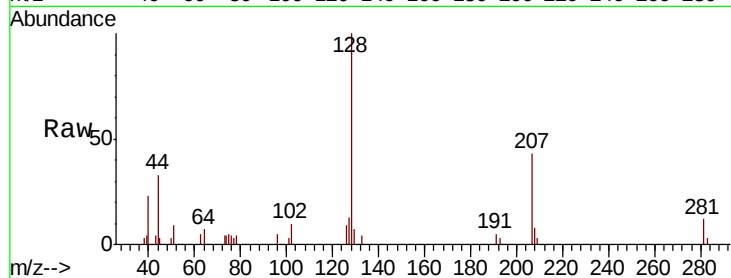
Tot Ion:128 Resp: 10515

Ion Ratio Lower Upper

128 100

127 11.3 10.2 15.2

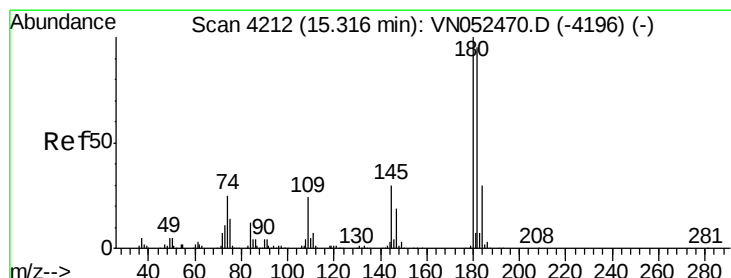
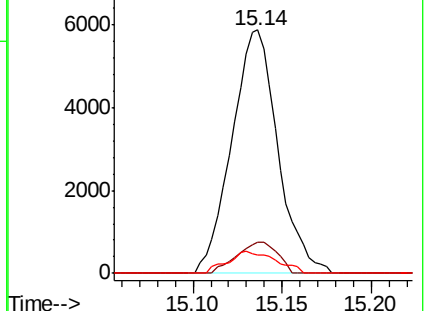
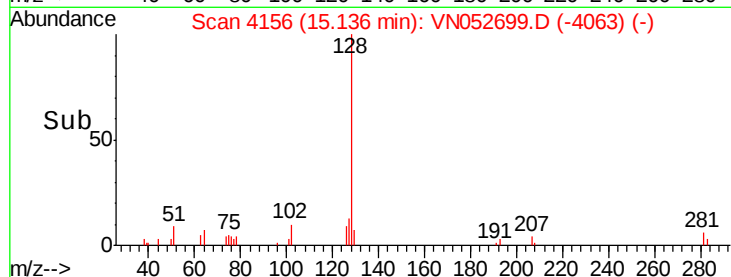
129 9.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.189 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052699.D

Acq: 6 Dec 2018 15:00

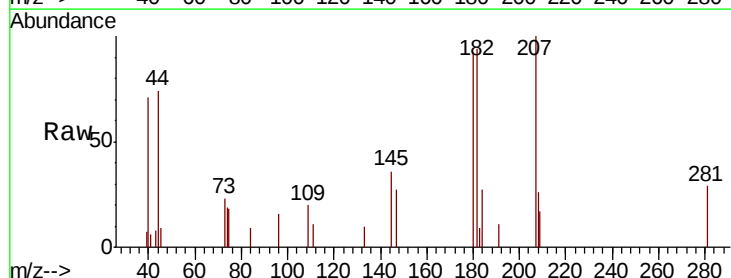
Tgt Ion:180 Resp: 4122

Ion Ratio Lower Upper

180 100

182 97.5 47.8 143.3

145 34.0 15.2 45.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

