

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
 Data File : VN052573.D
 Acq On : 29 Nov 2018 18:51
 Operator : MD\SY
 Sample : J5767-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-112818-B

Quant Time: Nov 30 00:28:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1301532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1995723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1745103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	671650	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	676921	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
35) Dibromofluoromethane	7.59	113	607148	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
50) Toluene-d8	10.09	98	2418138	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	766316	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	

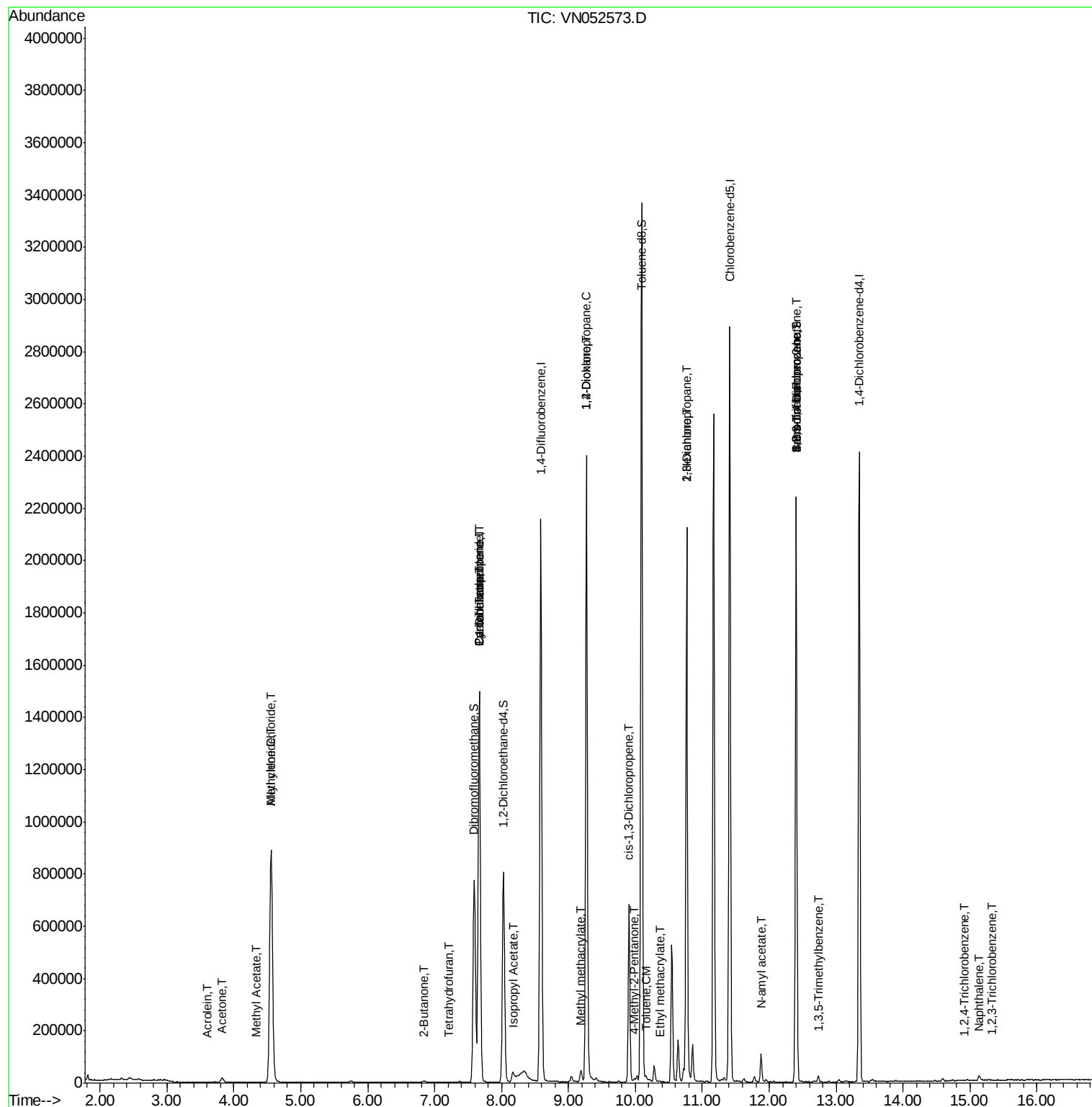
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	103	33.547	ug/l #	49
14) Allyl chloride	4.56	41	24465	1.164	ug/l #	27
16) Acetone	3.82	43	31432	8.409	ug/l	95
18) Methyl Acetate	4.33	43	4084	0.381	ug/l #	72
20) Methylene Chloride	4.55	84	689428	47.134	ug/l	99
25) 2-Butanone	6.85	43	3991	0.753	ug/l	99
29) Tetrahydrofuran	7.21	42	1325	0.388	ug/l #	81
31) Cyclohexane	7.67	56	22836	0.575	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	89123	4.729	ug/l #	49
38) Carbon Tetrachloride	7.67	117	114618	6.718	ug/l #	16
43) Isopropyl Acetate	8.17	43	56438	2.900	ug/l #	81
45) 1,2-Dichloropropane	9.27	63	3124	0.209	ug/l #	43
48) Methyl methacrylate	9.18	41	15514	1.529	ug/l #	24
49) 1,4-Dioxane	9.27	88	267	2.535	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	7345	0.673	ug/l	95
52) Toluene	10.16	92	8227	0.247	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	126519	6.106	ug/l #	61
56) Ethyl methacrylate	10.37	69	169	2.703	ug/l #	25
57) 1,3-Dichloropropane	10.76	76	22929	1.106	ug/l #	43
59) 2-Hexanone	10.76	43	320249	43.693	ug/l #	51
71) Bromoform	12.40	173	4342	0.524	ug/l #	1
74) N-amyl acetate	11.88	43	34902	2.622	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	368972	35.625	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	10296	0.245	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	368972	118.969	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.90	180	482	2.868	ug/l	63
95) Naphthalene	15.14	128	15134	3.986	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.32	180	223	2.746	ug/l #	16

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

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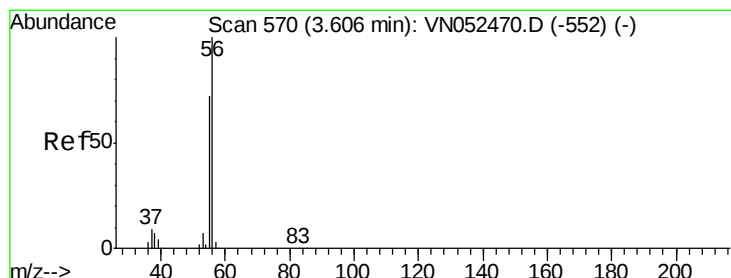
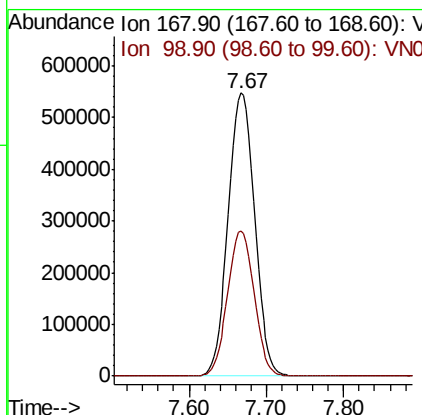
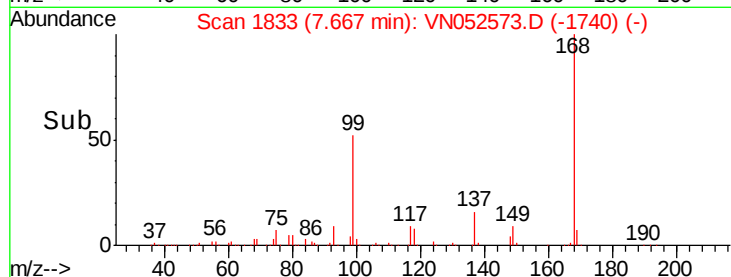
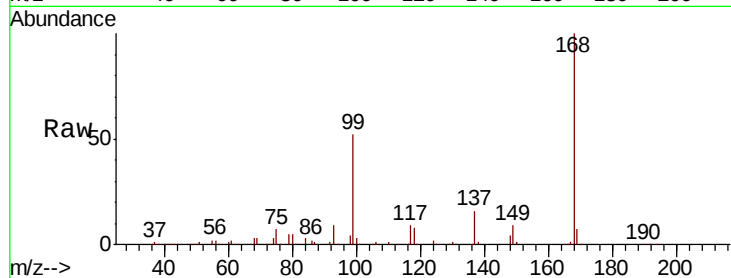




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

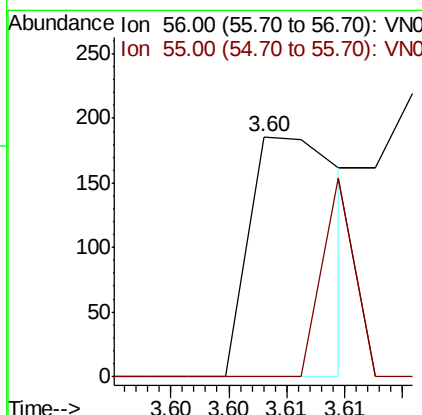
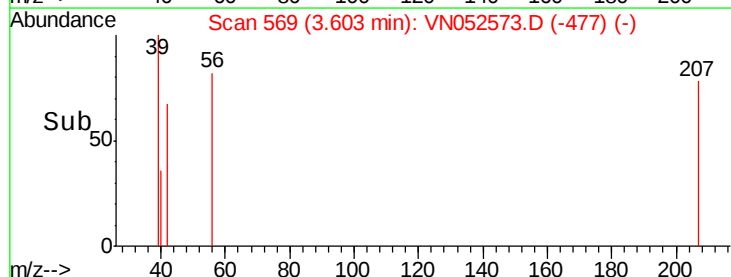
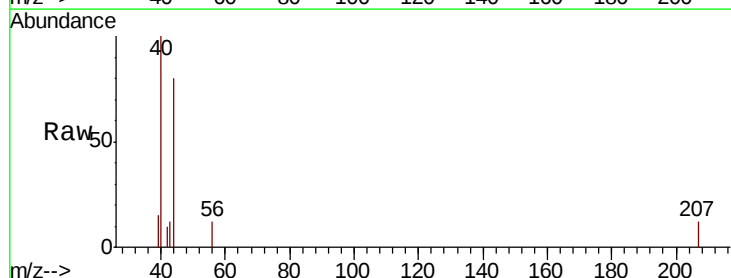
Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-B

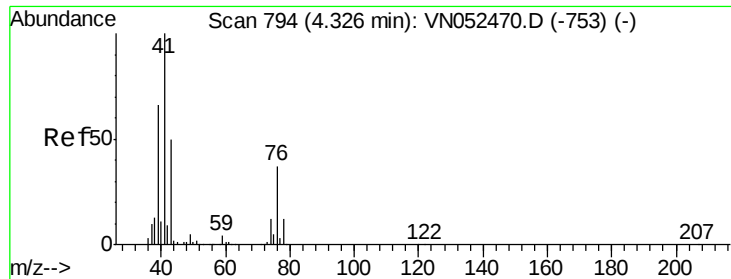
Tot Ion:168 Resp: 1301532
Ion Ratio Lower Upper
168 100
99 51.5 41.7 62.5



#13
Acrolein
Concen: 33.547 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.00 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

Tgt Ion: 56 Resp: 103
Ion Ratio Lower Upper
56 100
55 29.1 56.8 85.2#





#14

Allvl chloride

Concen: 1.164 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.23 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-B

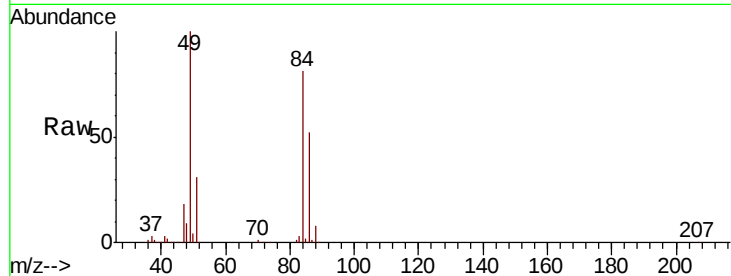
Tot Ion: 41 Resp: 24465

Ion Ratio Lower Upper

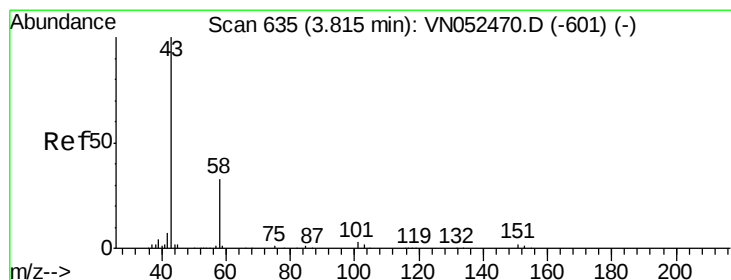
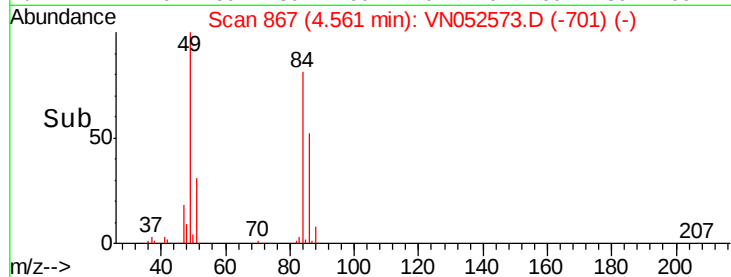
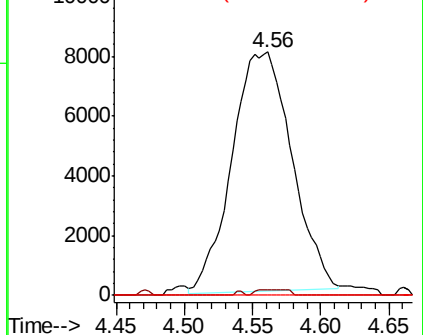
41 100

39 1.3 50.6 76.0#

76 0.0 27.4 41.2#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO



#16

Acetone

Concen: 8.409 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052573.D

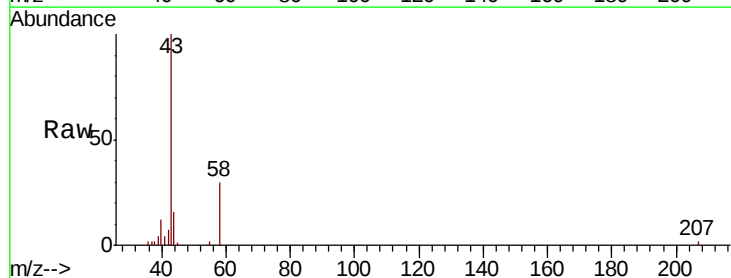
Acq: 29 Nov 2018 18:51

Tgt Ion: 43 Resp: 31432

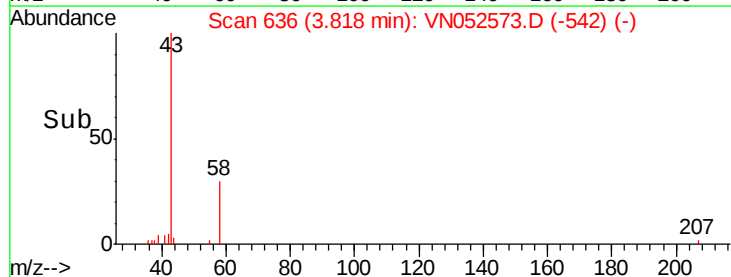
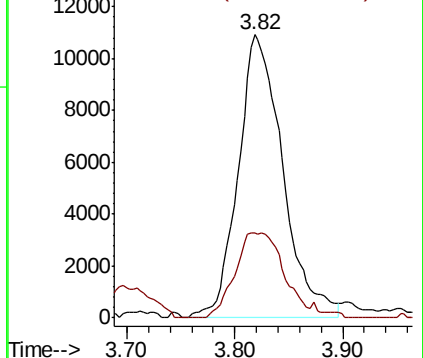
Ion Ratio Lower Upper

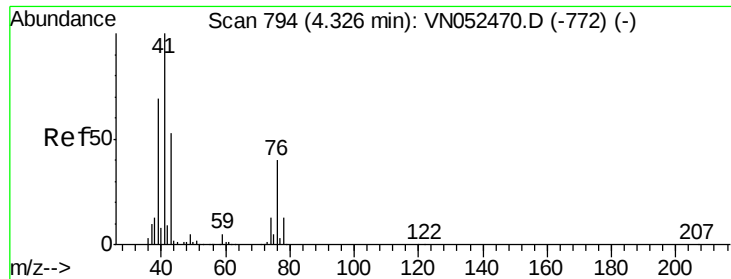
43 100

58 29.9 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

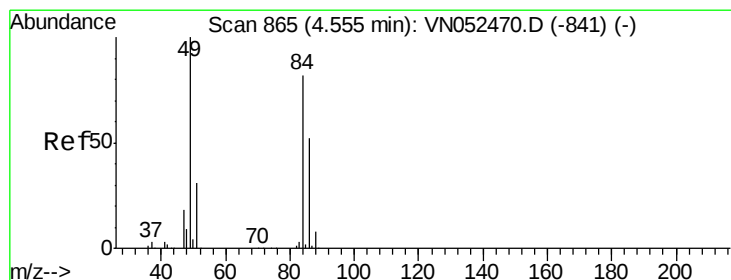
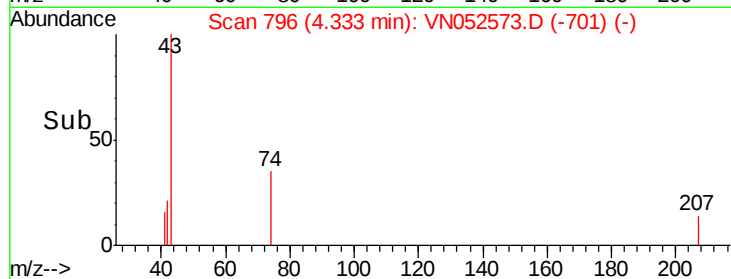
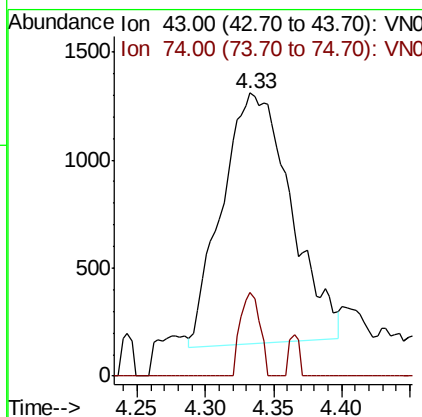
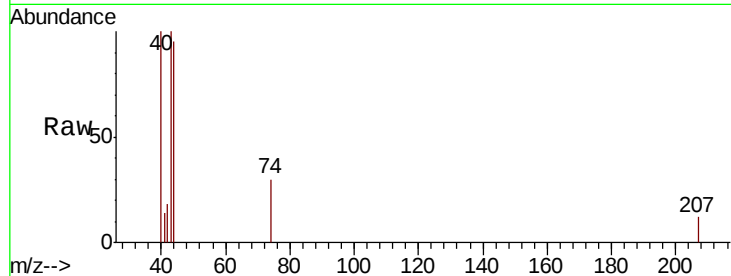




#18
Methyl Acetate
Concen: 0.381 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

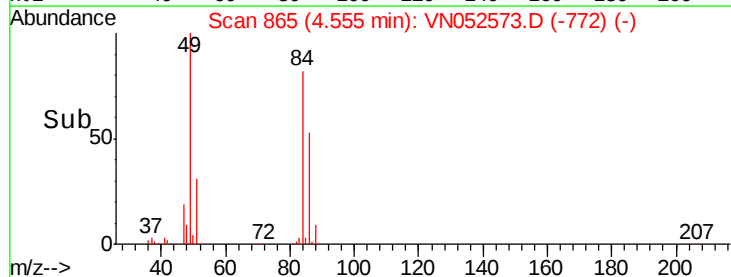
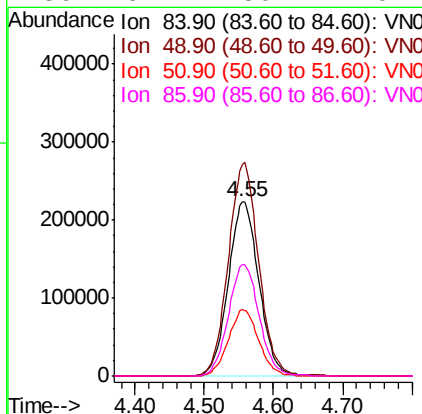
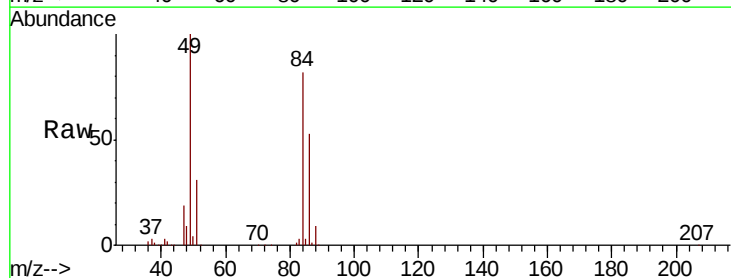
Instrument :
MSVOA_N
ClientSampled :
CL-02-112818-B

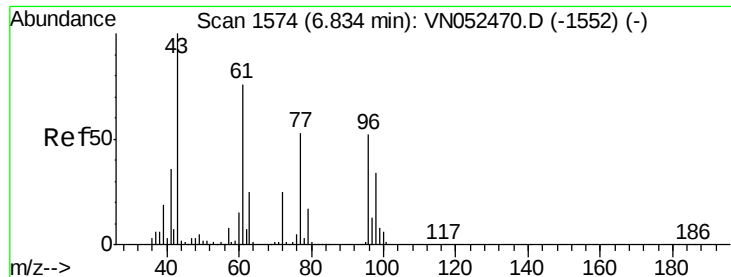
Tot Ion: 43 Resp: 4084
Ion Ratio Lower Upper
43 100
74 9.4 18.6 27.8#



#20
Methylene Chloride
Concen: 47.134 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

Tgt Ion: 84 Resp: 689428
Ion Ratio Lower Upper
84 100
49 121.4 98.0 147.0
51 37.9 30.1 45.1
86 64.1 50.7 76.1

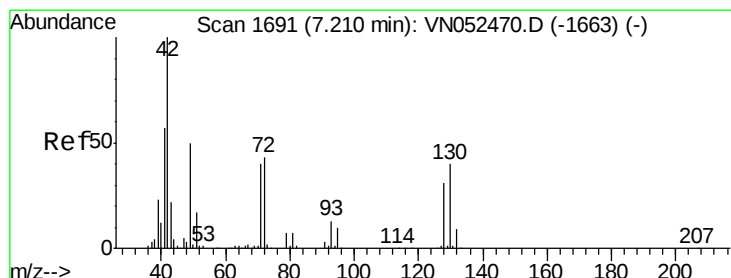
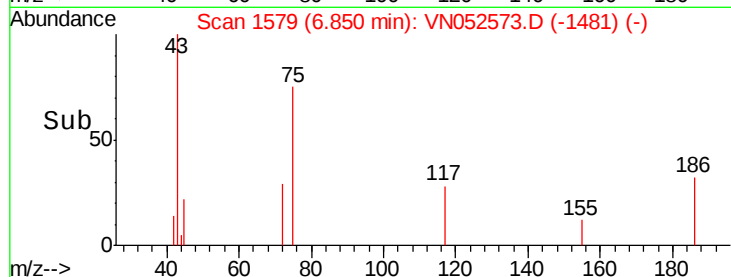
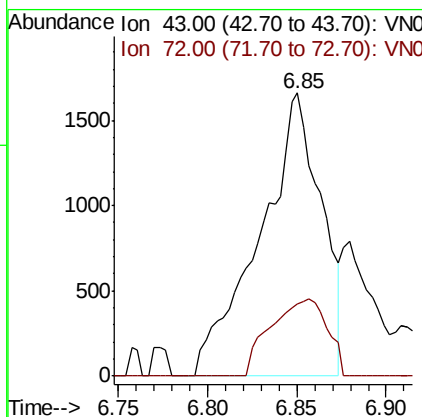
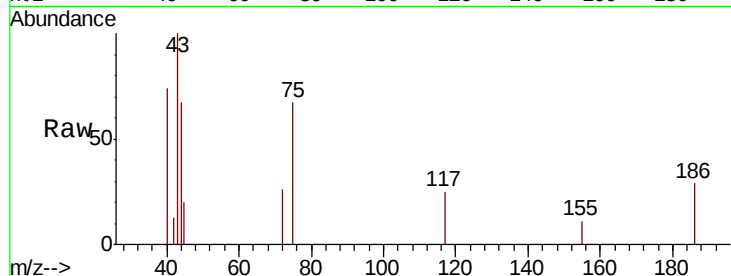




#25
 2-Butanone
 Concen: 0.753 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. 0.02 min
 Lab File: VN052573.D
 Acq: 29 Nov 2018 18:51

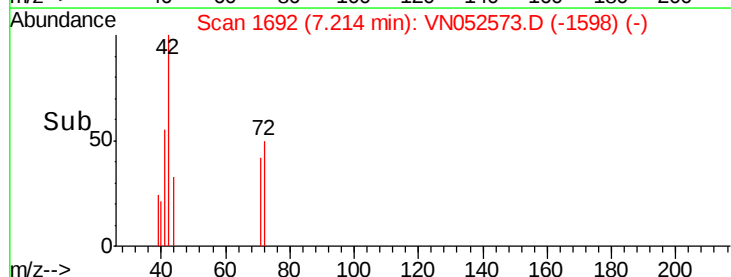
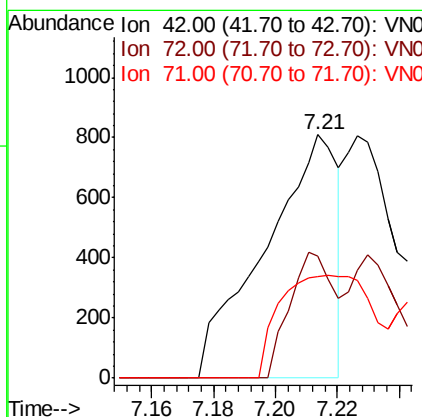
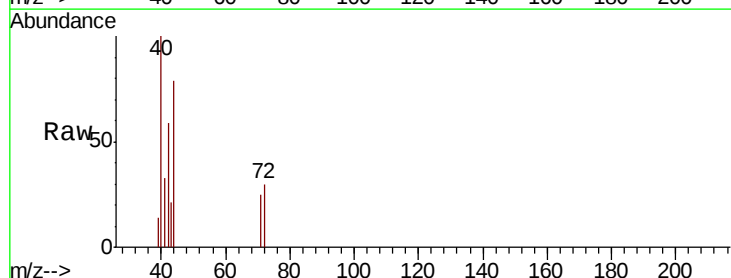
Instrument :
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 CL-02-112818-B

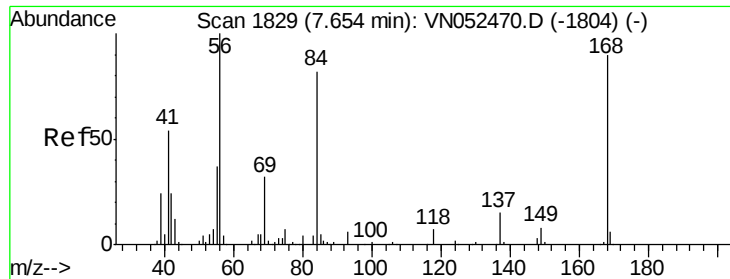
Tot Ion: 43 Resp: 3991
 Ion Ratio Lower Upper
 43 100
 72 25.6 20.1 30.1



#29
 Tetrahydrofuran
 Concen: 0.388 ug/l
 RT: 7.21 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VN052573.D
 Acq: 29 Nov 2018 18:51

Tgt Ion: 42 Resp: 1325
 Ion Ratio Lower Upper
 42 100
 72 31.0 33.3 49.9#
 71 53.1 32.0 48.0#





#31

Cyclohexane

Concen: 0.575 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-B

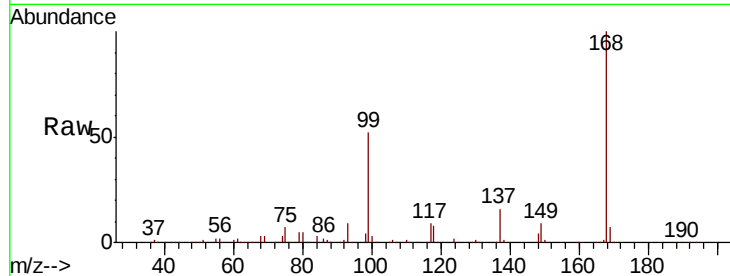
Tot Ion: 56 Resp: 22836

Ion Ratio Lower Upper

56 100

69 174.7 25.8 38.6#

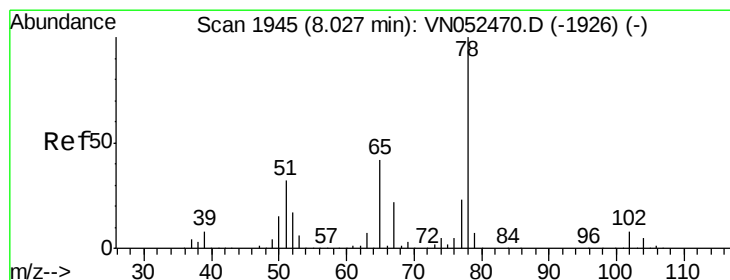
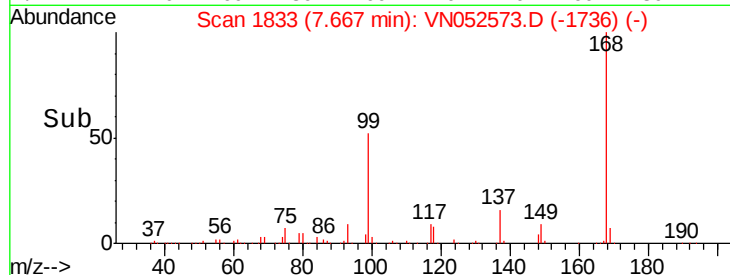
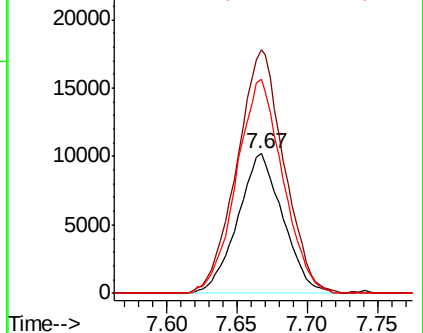
84 154.0 65.3 97.9#



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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052573.D

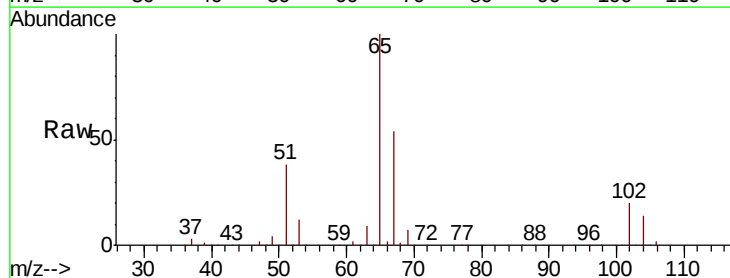
Acq: 29 Nov 2018 18:51

Tgt Ion: 65 Resp: 676921

Ion Ratio Lower Upper

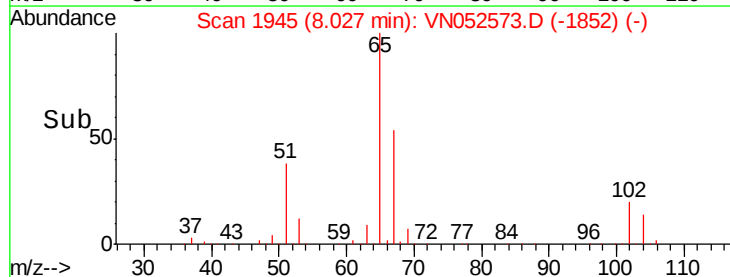
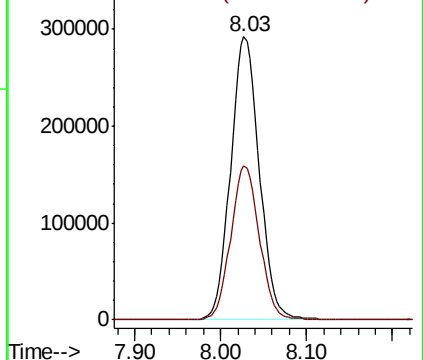
65 100

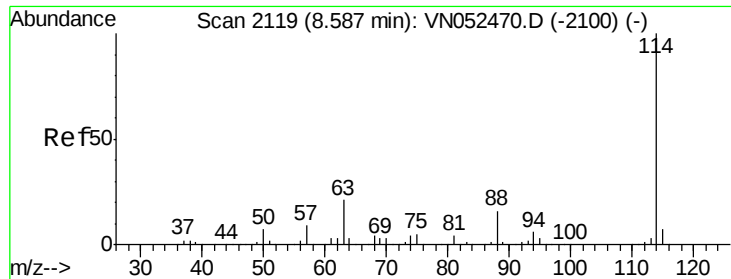
67 54.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

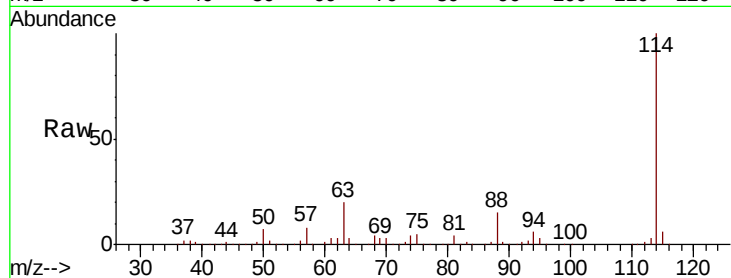




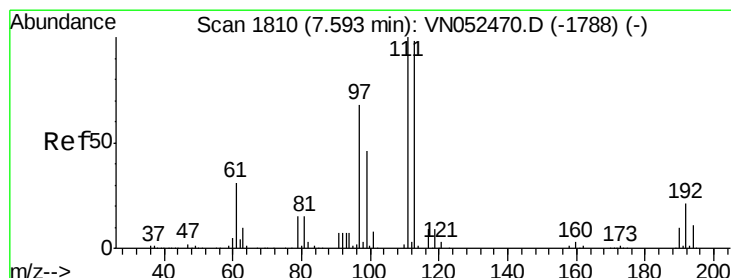
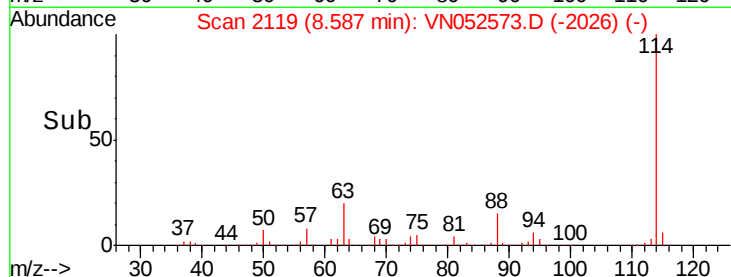
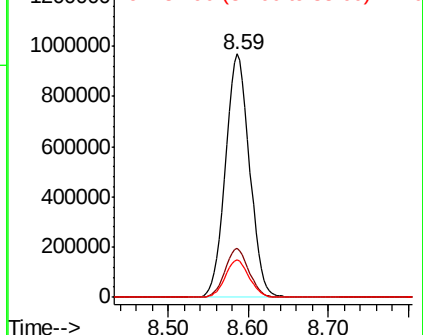
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052573.D
 Acq: 29 Nov 2018 18:51

Instrument :
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 ClientSampleId :
 CL-02-112818-B

Tot Ion:114 Resp: 1995723
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.2 0.0 31.6

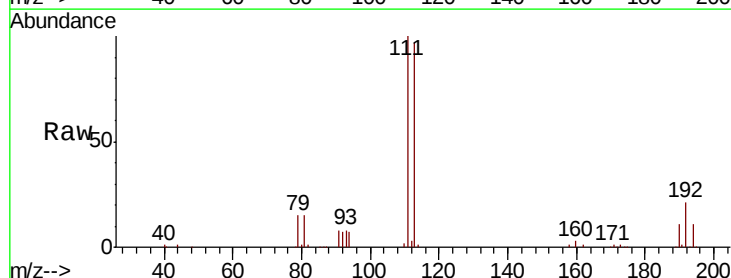


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

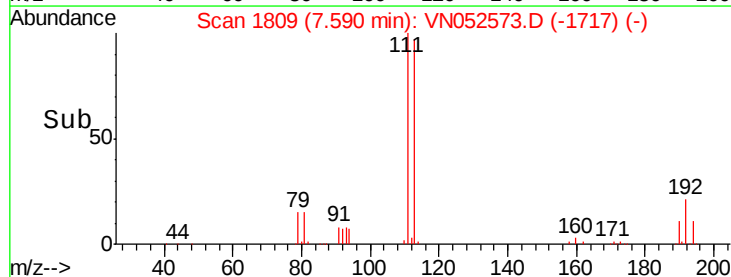
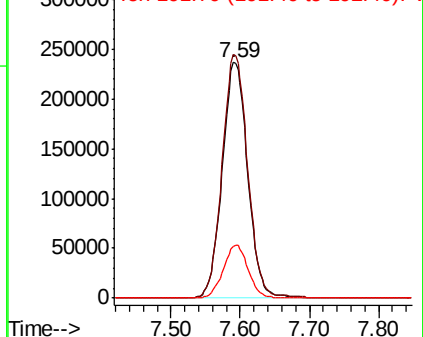


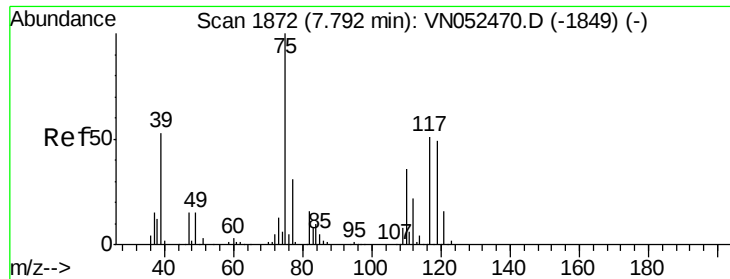
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052573.D
 Acq: 29 Nov 2018 18:51

Tgt Ion:113 Resp: 607148
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.0 123.0
 192 22.0 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.729 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-B

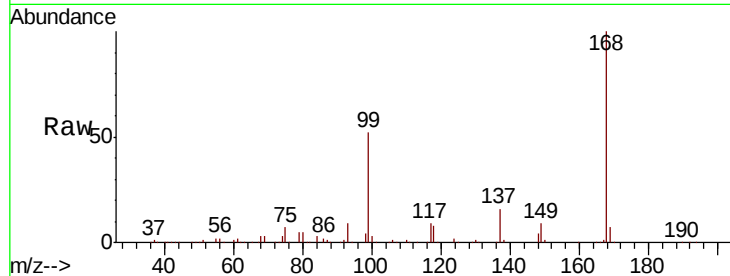
Tot Ion: 75 Resp: 89123

Ion Ratio Lower Upper

75 100

110 8.3 17.5 52.6#

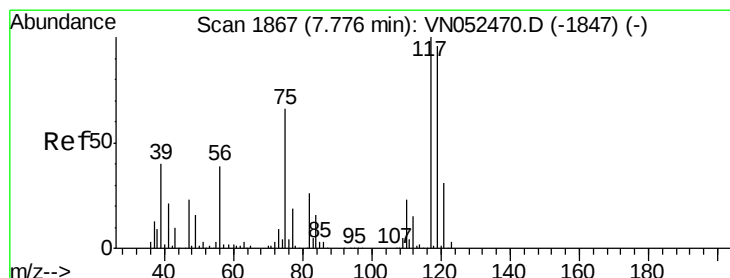
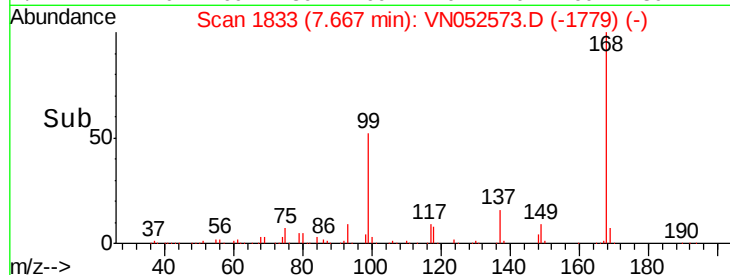
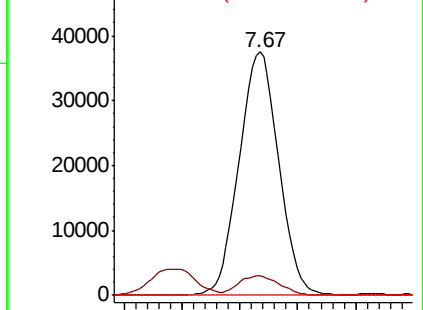
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN052470.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN052470.D (-1849) (-)



#38

Carbon Tetrachloride

Concen: 6.718 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

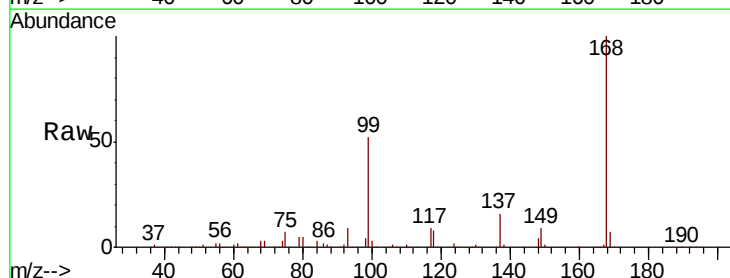
Tgt Ion: 117 Resp: 114618

Ion Ratio Lower Upper

117 100

119 5.0 76.8 115.2#

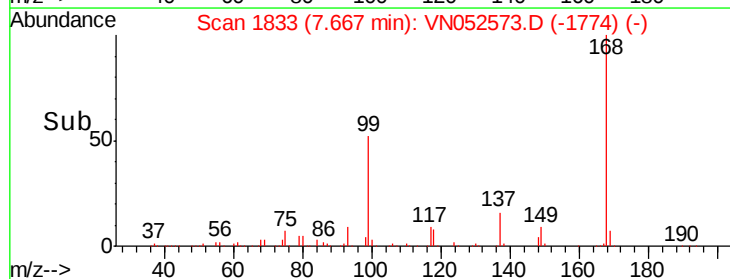
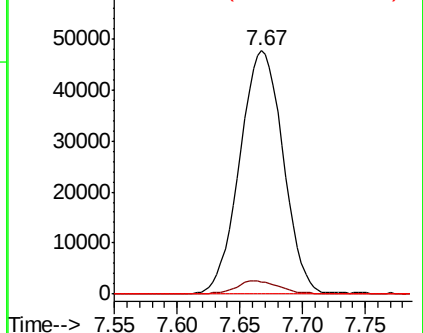
121 0.0 24.9 37.3#

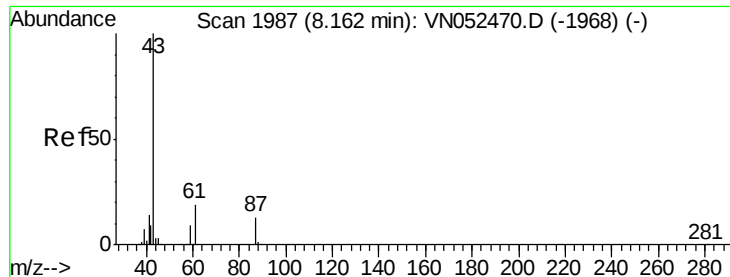


Abundance Ion 116.80 (116.50 to 117.50): VN052470.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN052470.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN052470.D (-1847) (-)





#43

Isopropyl Acetate

Concen: 2.900 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-B

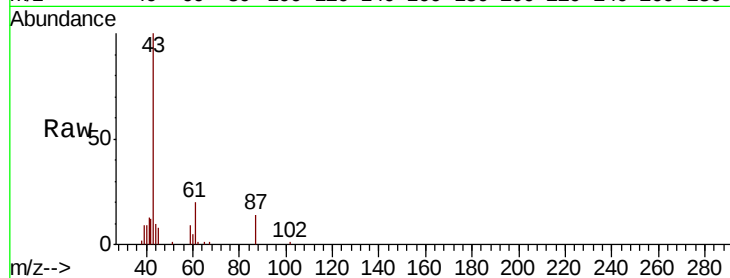
Tot Ion: 43 Resp: 56438

Ion Ratio Lower Upper

43 100

61 16.5 24.1 36.1#

87 11.1 10.6 15.8

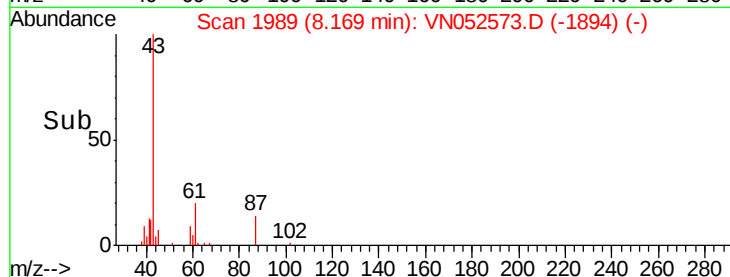


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)

Time-->



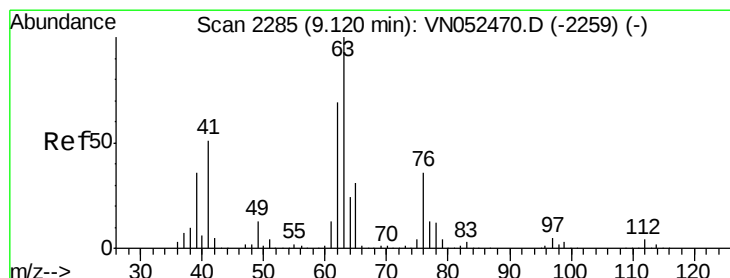
Abundance

Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 0.209 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN052573.D

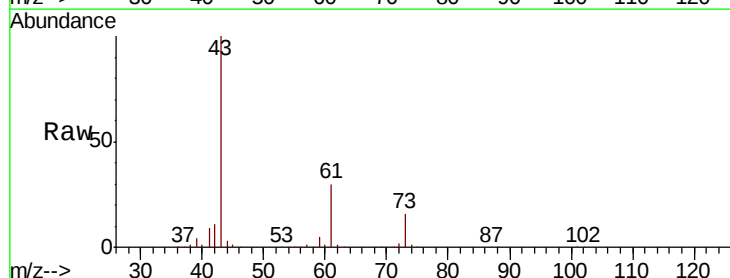
Acq: 29 Nov 2018 18:51

Tgt Ion: 63 Resp: 3124

Ion Ratio Lower Upper

63 100

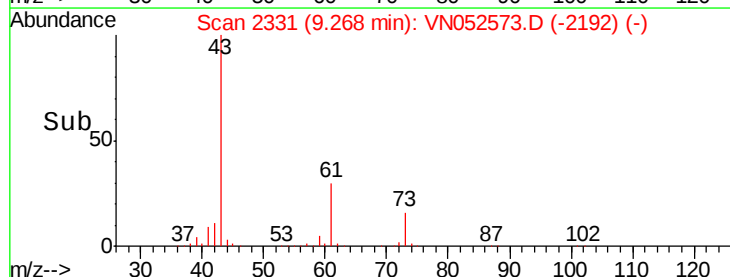
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN052470.D (-2259) (-)

Ion 64.90 (64.60 to 65.60): VN052470.D (-2259) (-)

Time-->

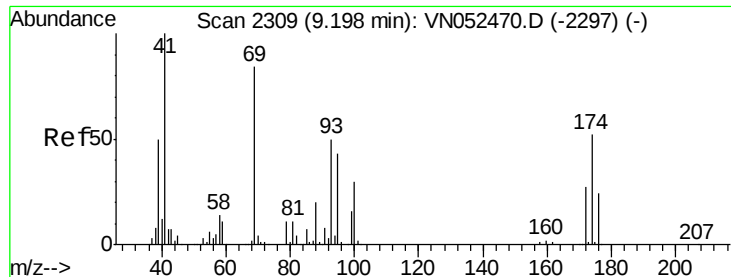


Abundance

Ion 62.90 (62.60 to 63.60): VN052470.D (-2259) (-)

Ion 64.90 (64.60 to 65.60): VN052470.D (-2259) (-)

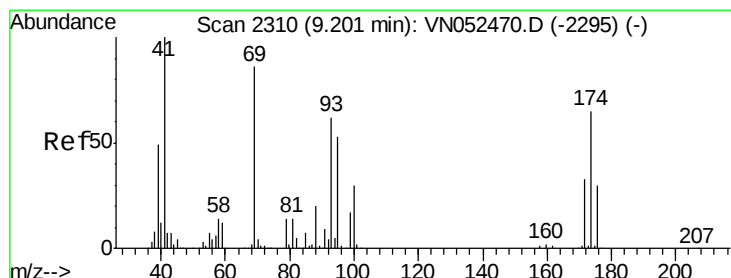
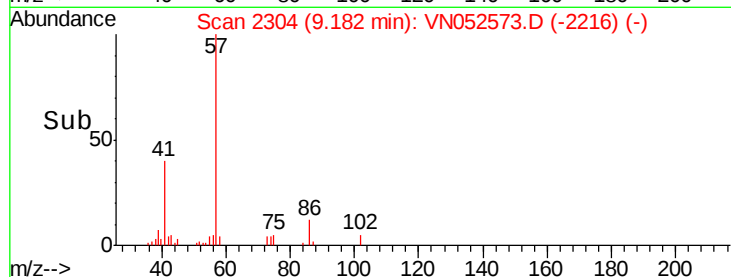
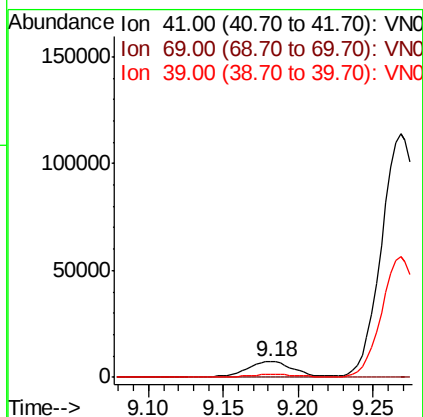
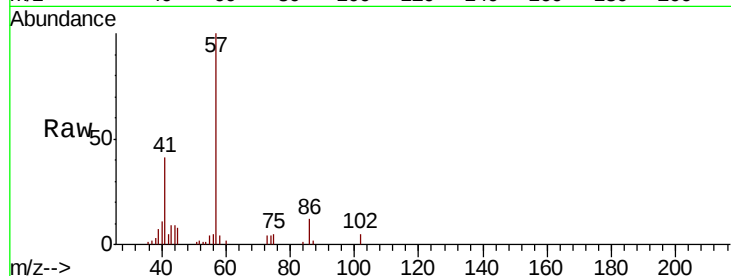
Time-->



#48
Methvl methacrylate
Concen: 1.529 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

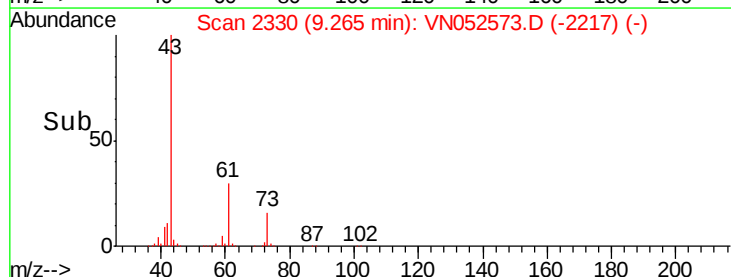
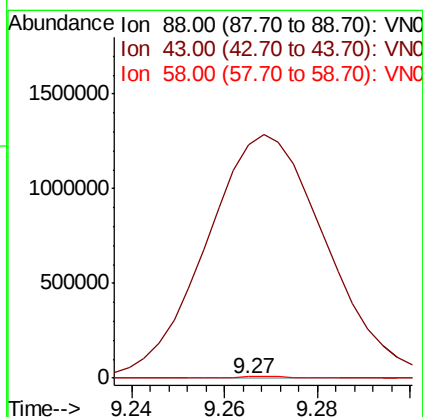
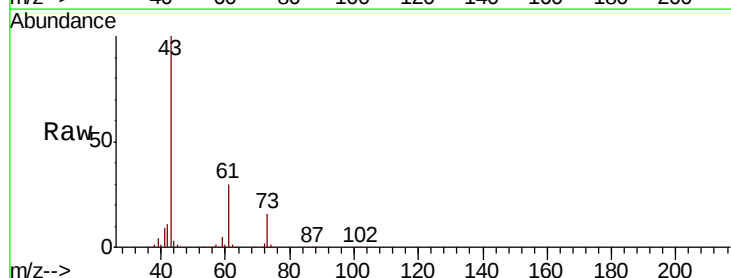
Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-B

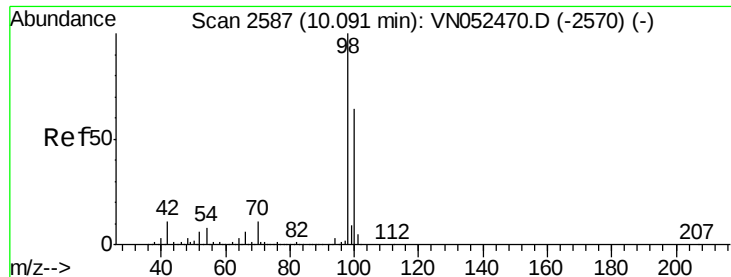
Tot Ion: 41 Resp: 15514
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 20.7 42.6 64.0#



#49
1,4-Dioxane
Concen: 2.535 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

Tgt Ion: 88 Resp: 267
Ion Ratio Lower Upper
88 100
43 889688.4 26.4 39.6#
58 4546.1 55.4 83.0#





#50

Toluene-d8

Concen: 2.535 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

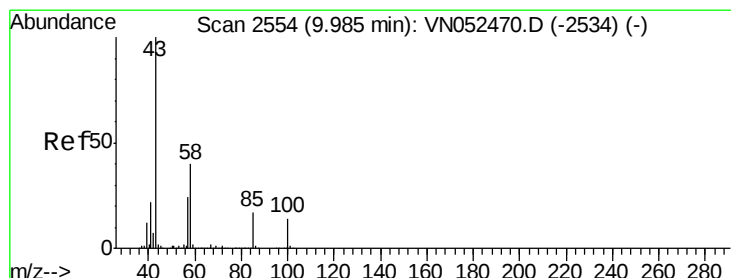
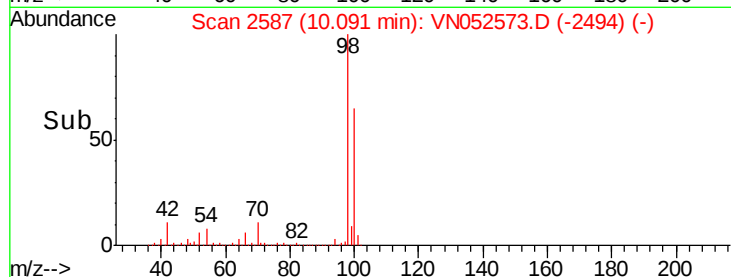
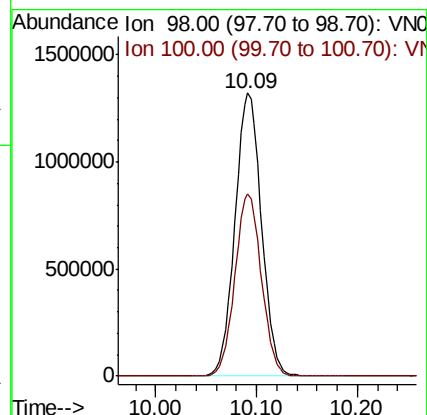
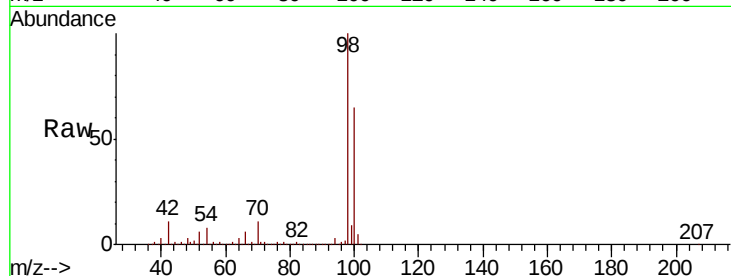
CL-02-112818-B

Tot Ion: 98 Resp: 2418138

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 0.673 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN052573.D

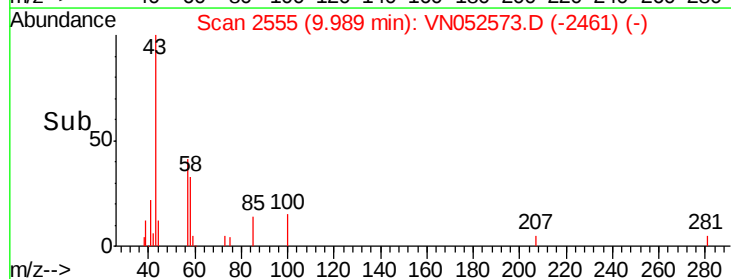
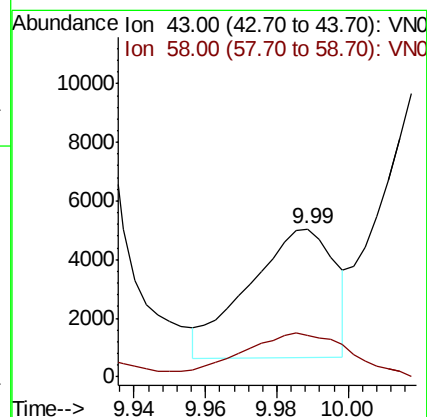
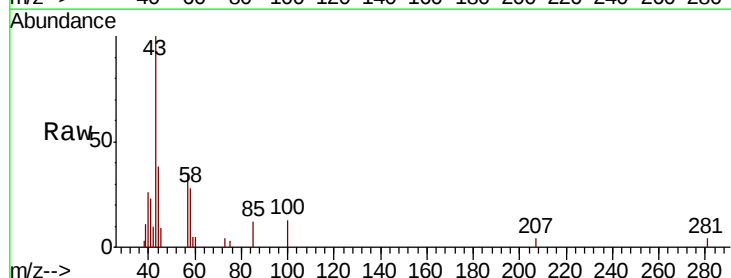
Acq: 29 Nov 2018 18:51

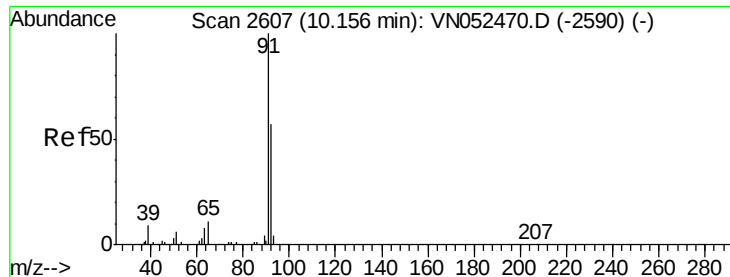
Tgt Ion: 43 Resp: 7345

Ion Ratio Lower Upper

43 100

58 42.6 31.5 47.3





#52

Toluene

Concen: 0.247 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

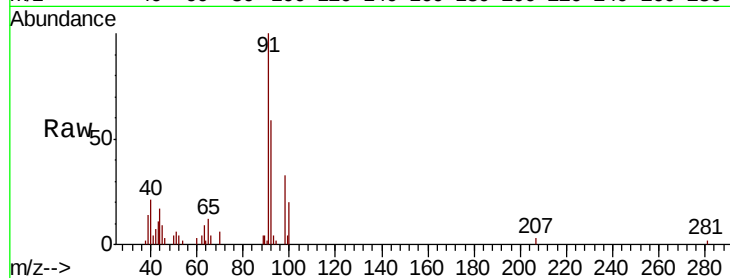
CL-02-112818-B

Tot Ion: 92 Resp: 8227

Ion Ratio Lower Upper

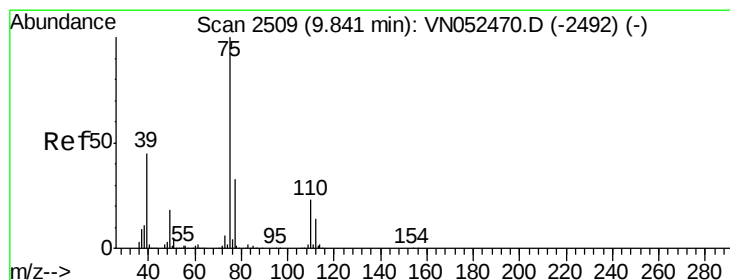
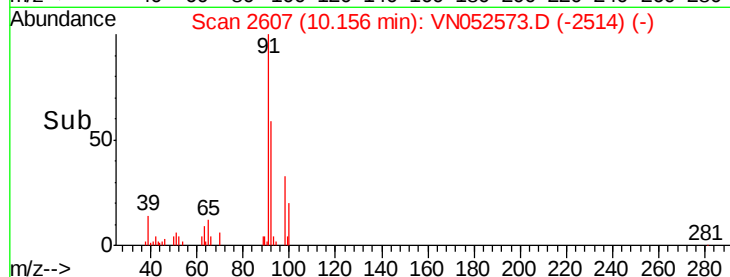
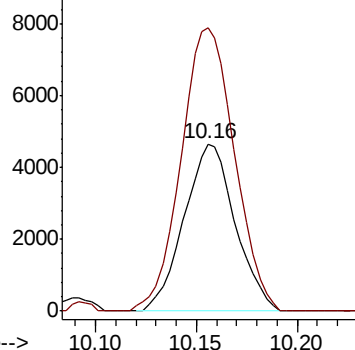
92 100

91 177.1 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.106 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

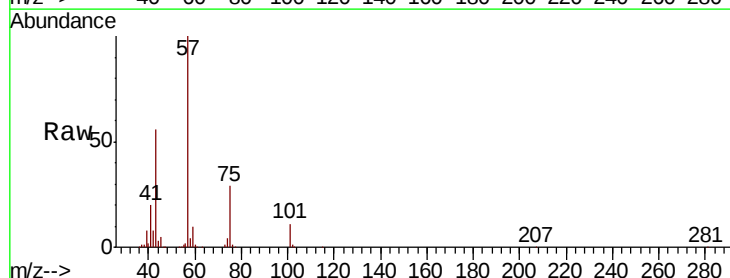
Tgt Ion: 75 Resp: 126519

Ion Ratio Lower Upper

75 100

77 0.7 26.2 39.2#

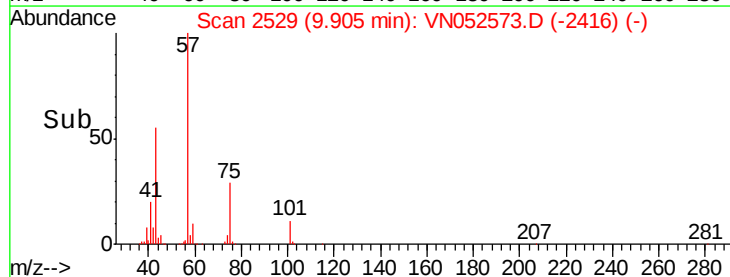
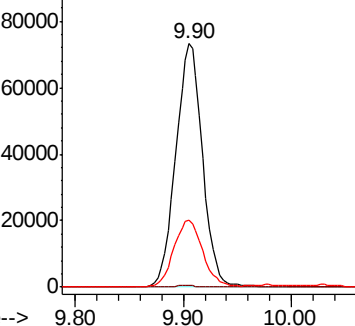
39 27.5 36.0 54.0#

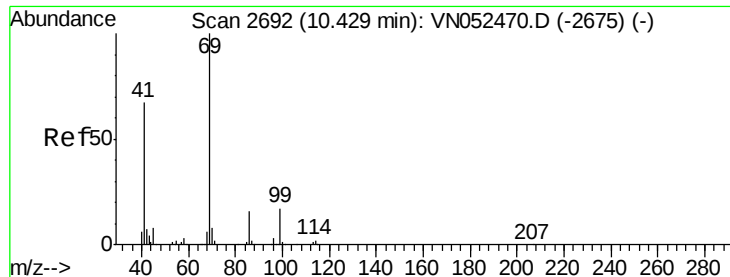


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.703 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.06 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampled :

CL-02-112818-B

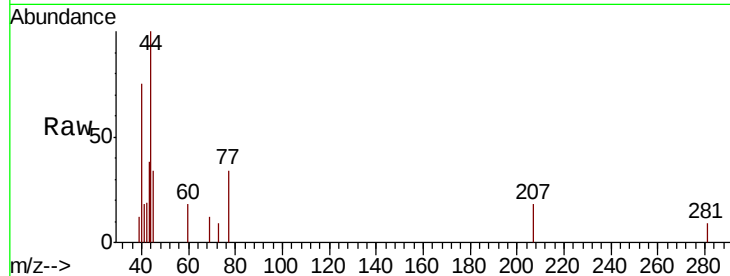
Tot Ion: 69 Resp: 169

Ion Ratio Lower Upper

69 100

41 0.0 52.6 79.0#

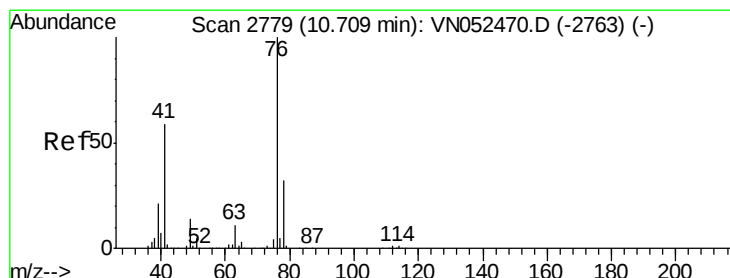
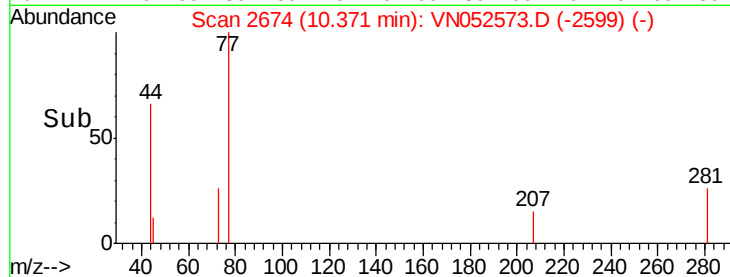
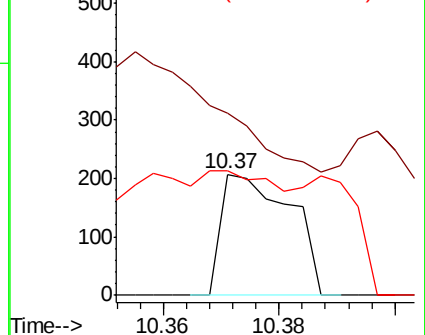
39 0.0 25.9 38.9#



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: 1.106 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN052573.D

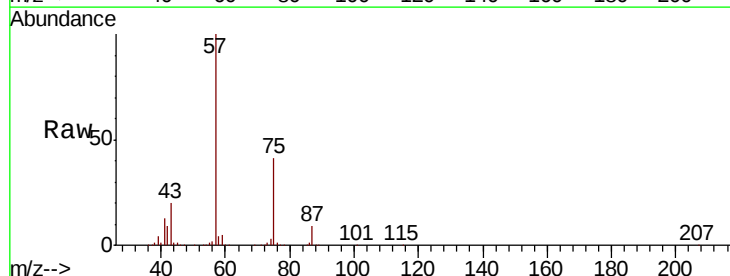
Acq: 29 Nov 2018 18:51

Tgt Ion: 76 Resp: 22929

Ion Ratio Lower Upper

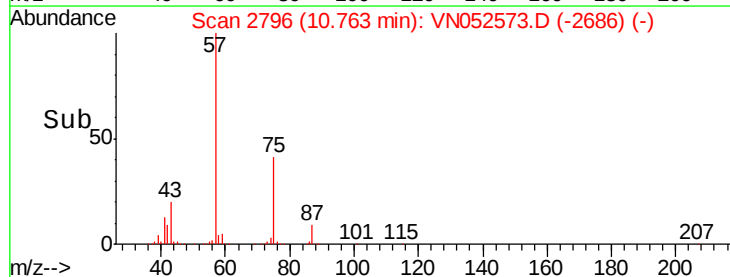
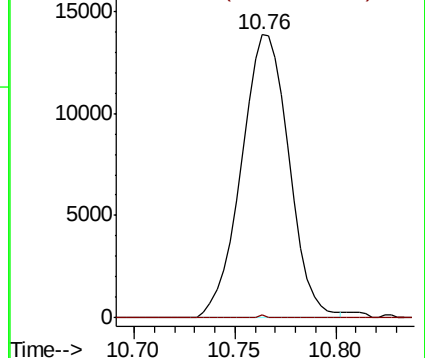
76 100

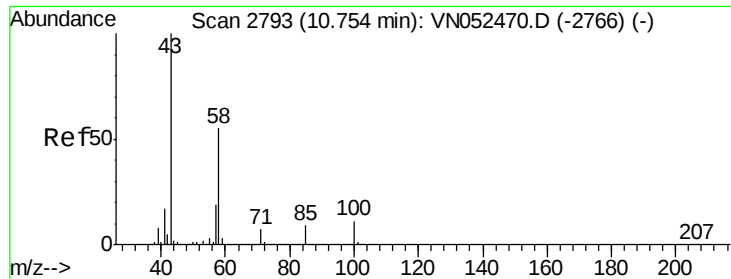
78 0.1 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

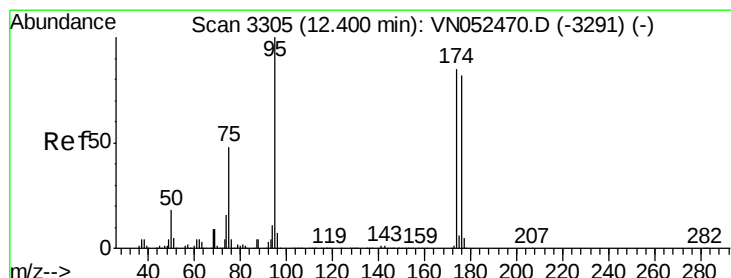
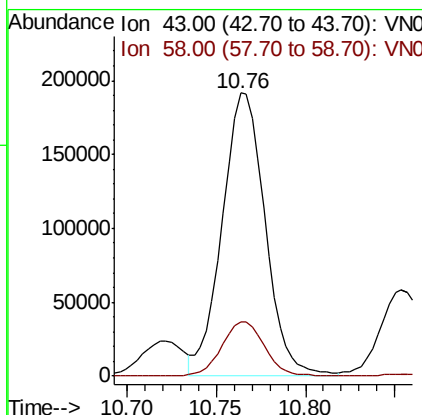
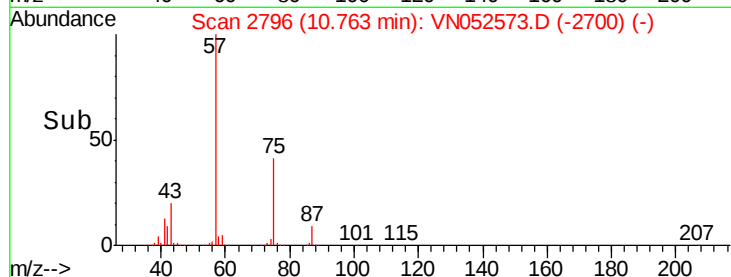
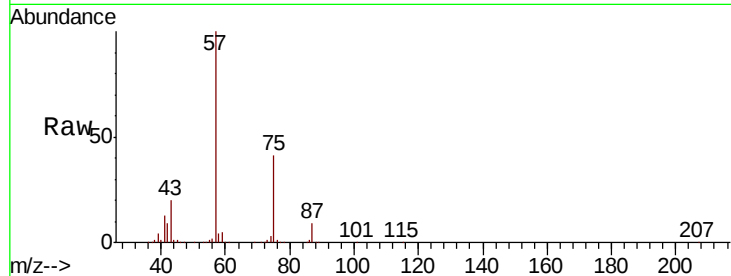




#59
2-Hexanone
Concen: 43.693 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

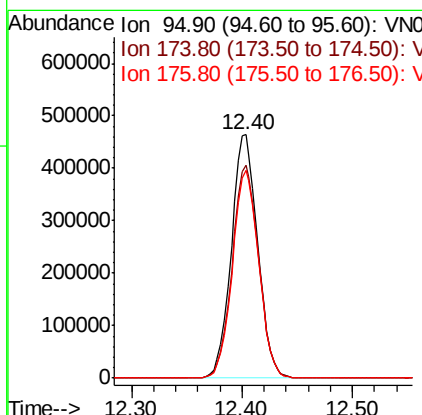
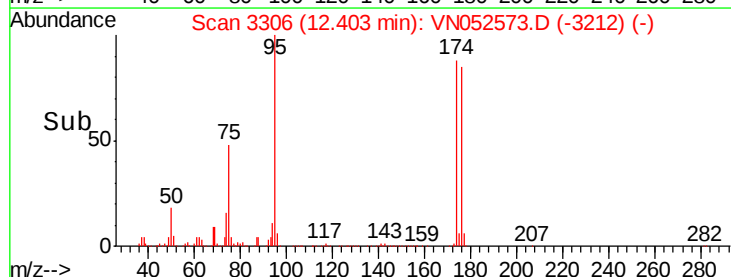
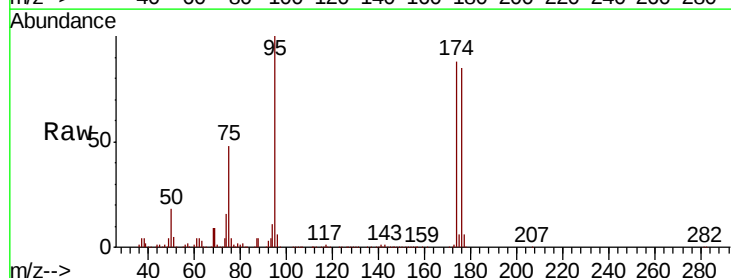
Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-B

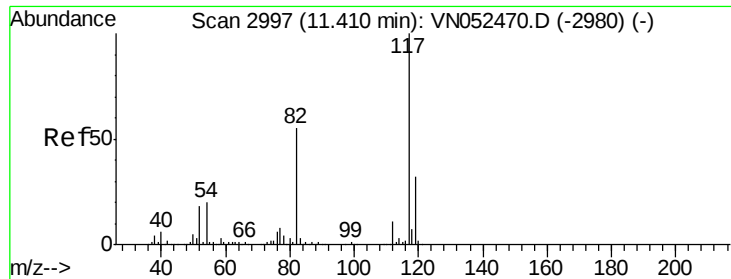
Tot Ion: 43 Resp: 320249
Ion Ratio Lower Upper
43 100
58 19.4 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

Tgt Ion: 95 Resp: 766316
Ion Ratio Lower Upper
95 100
174 88.1 0.0 173.0
176 85.4 0.0 166.2

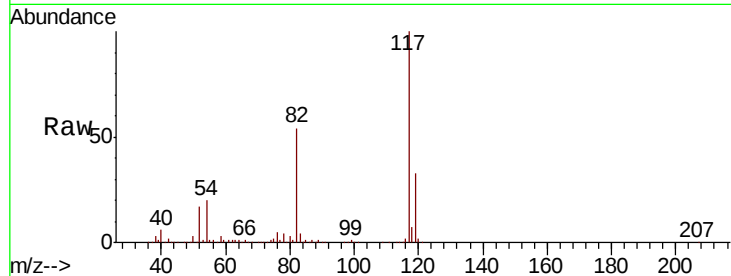




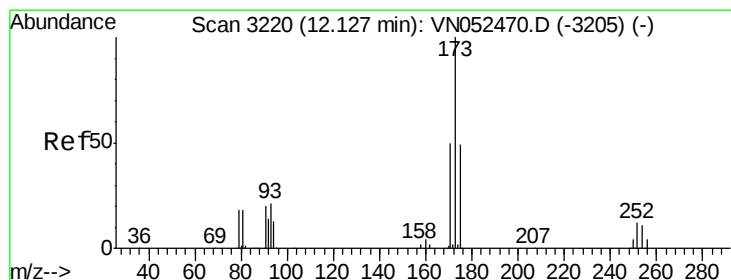
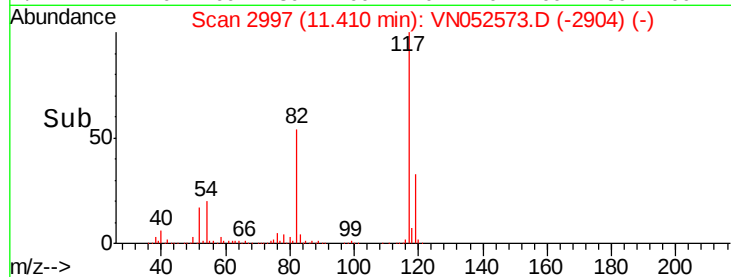
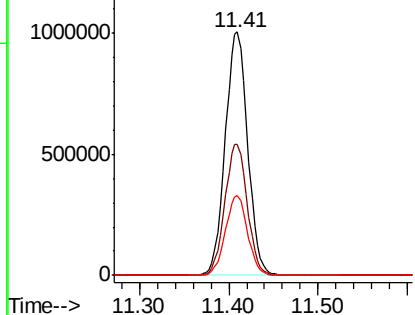
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

Instrument :
MSVOA_N
ClientSampled :
CL-02-112818-B

Tot Ion:117 Resp: 1745103
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 32.7 25.4 38.2

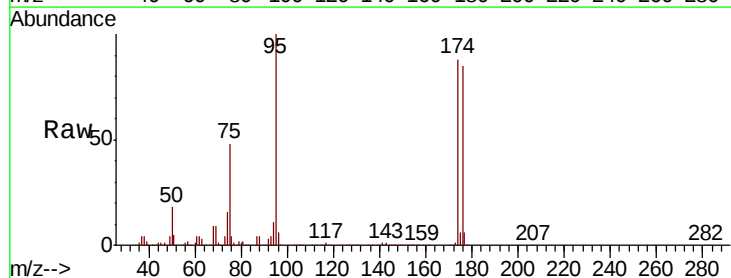


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

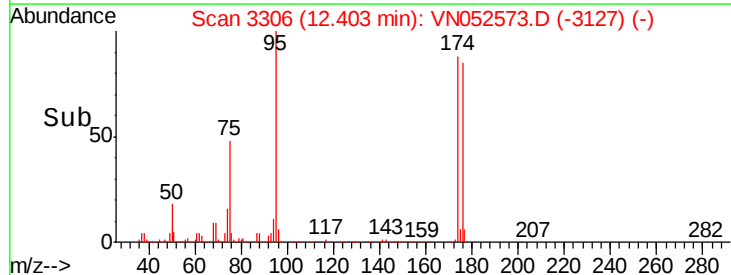
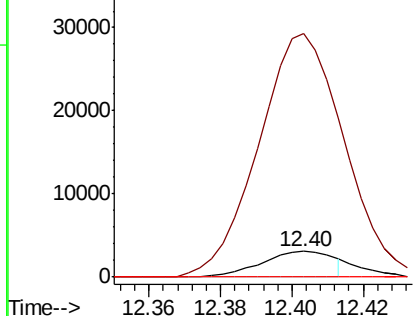


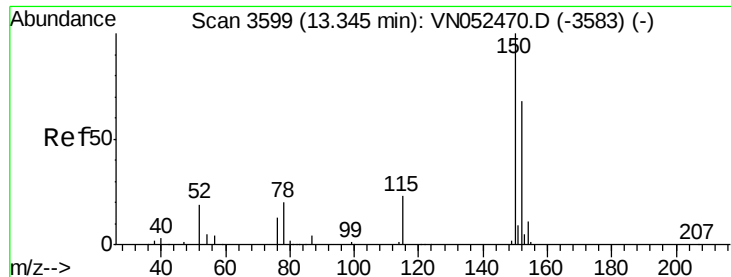
#71
Bromoform
Concen: 0.524 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

Tgt Ion:173 Resp: 4342
Ion Ratio Lower Upper
173 100
175 958.1 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: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-B

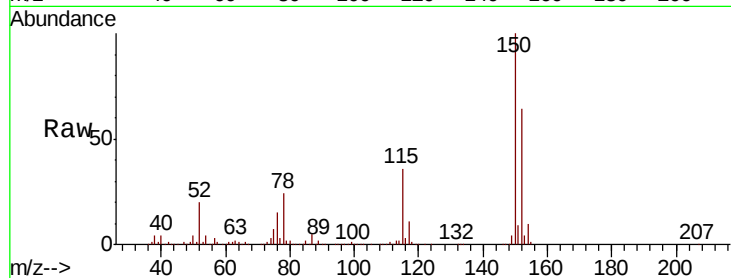
Tot Ion:152 Resp: 671650

Ion Ratio Lower Upper

152 100

115 56.8 28.4 85.2

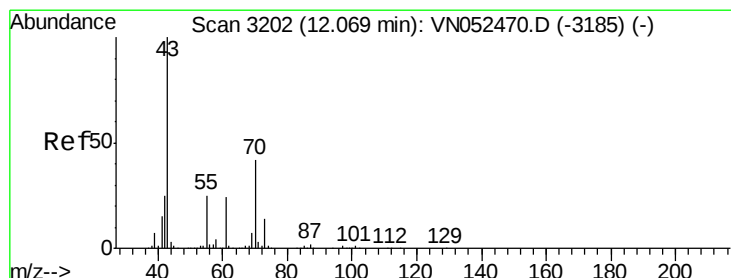
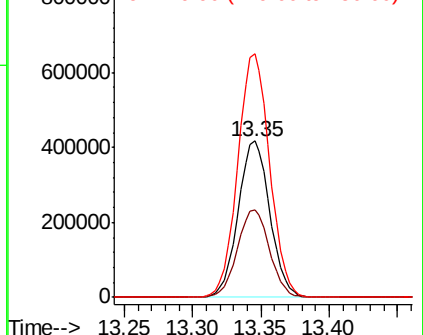
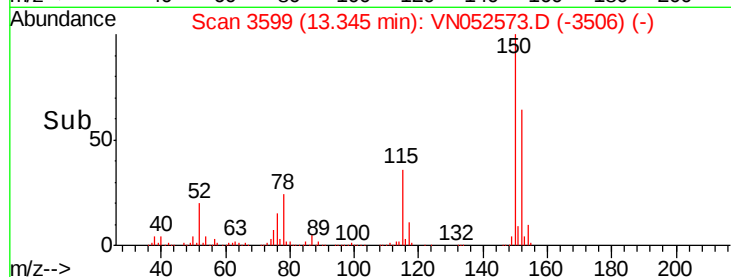
150 157.0 0.0 346.0



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



#74

N-ethyl acetate

Concen: 2.622 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Tgt Ion: 43 Resp: 34902

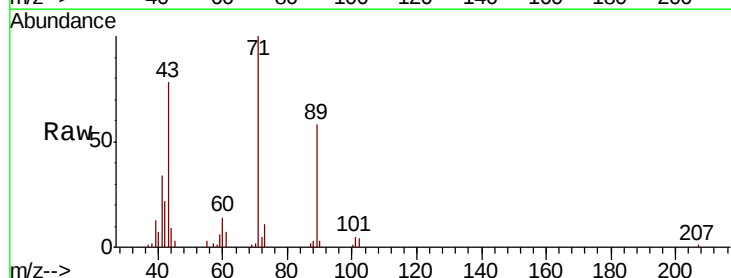
Ion Ratio Lower Upper

43 100

70 2.0 33.8 50.8#

55 4.3 20.0 30.0#

61 9.6 19.7 29.5#

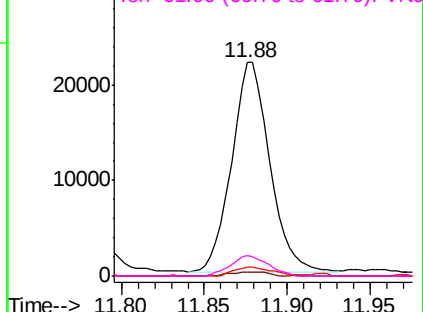
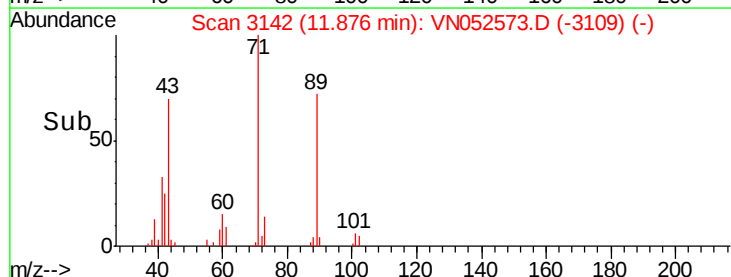


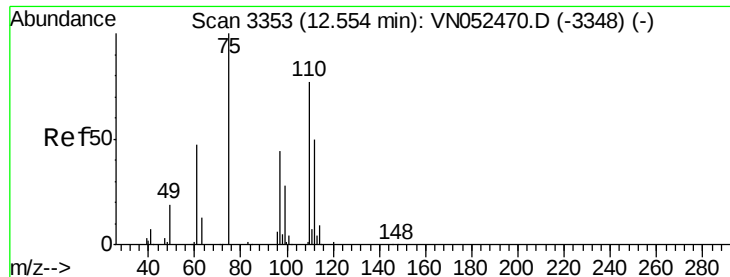
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 35.625 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

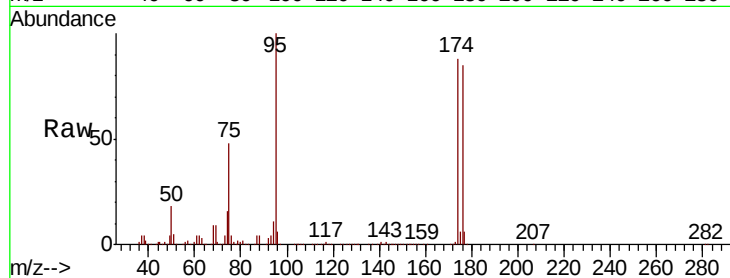
CL-02-112818-B

Tot Ion: 75 Resp: 368972

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

250000

200000

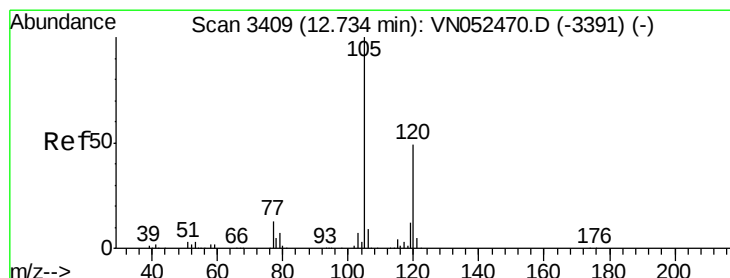
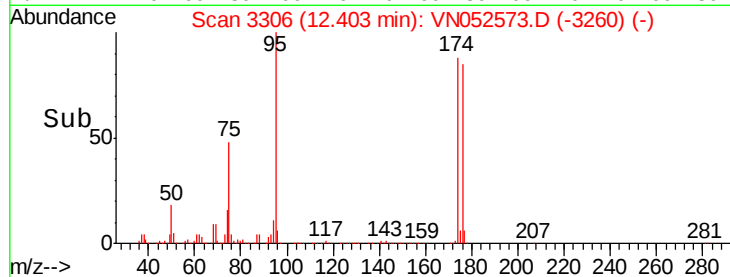
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.245 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052573.D

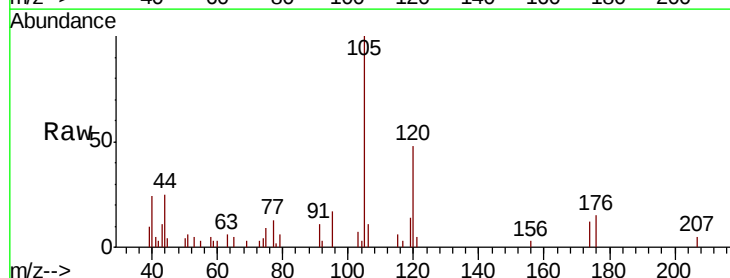
Acq: 29 Nov 2018 18:51

Tgt Ion: 105 Resp: 10296

Ion Ratio Lower Upper

105 100

120 44.6 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

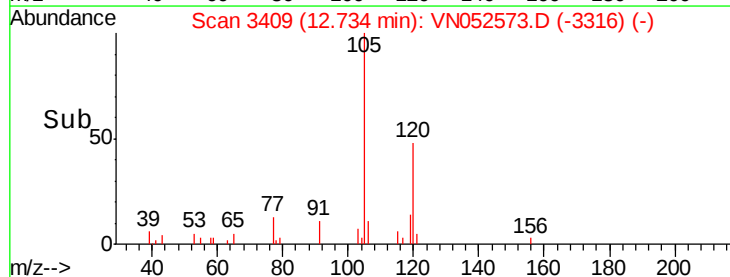
6000

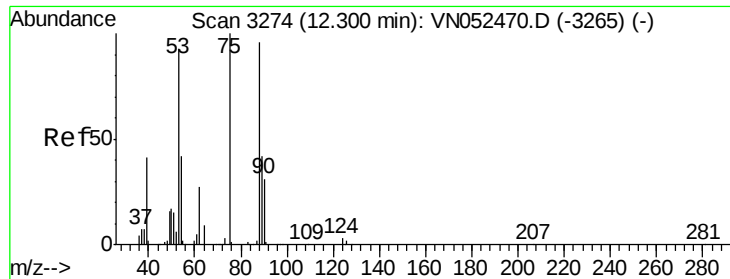
4000

2000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 118.969 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-B

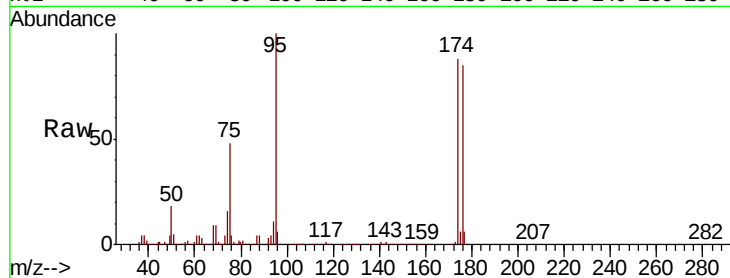
Tot Ion: 75 Resp: 368972

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

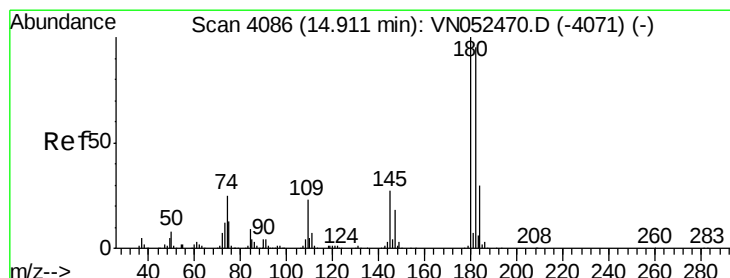
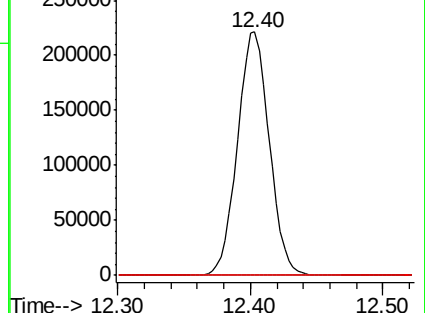
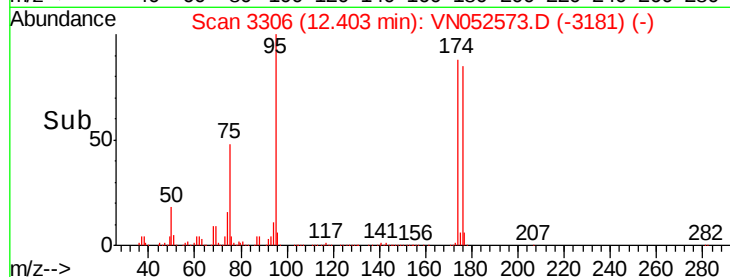
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN052470.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN052470.D (-3265) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.868 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.01 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

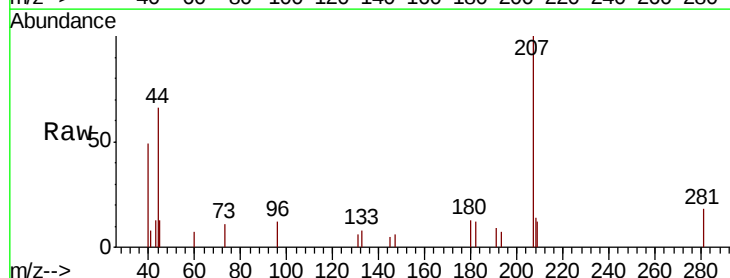
Tgt Ion: 180 Resp: 482

Ion Ratio Lower Upper

180 100

182 52.5 47.8 143.4

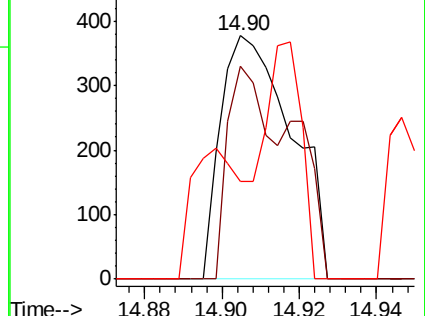
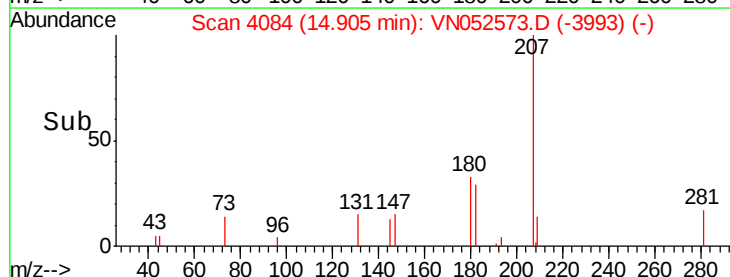
145 35.3 14.1 42.3

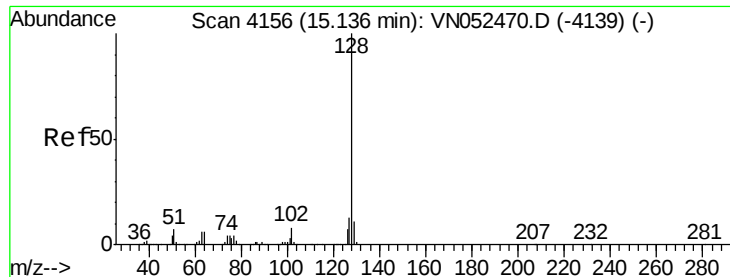


Abundance Ion 179.80 (179.50 to 180.50): VN052470.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN052470.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN052470.D (-4071) (-)





#95

Naphthalene

Concen: 3.986 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-B

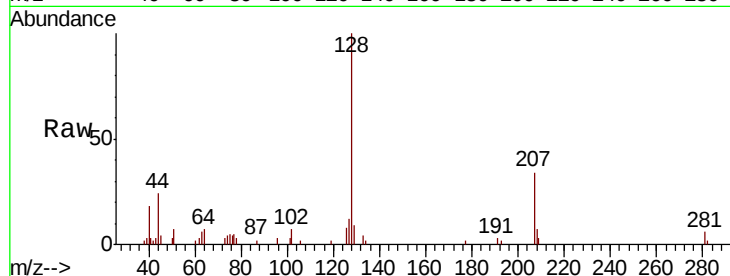
Tot Ion:128 Resp: 15134

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.2

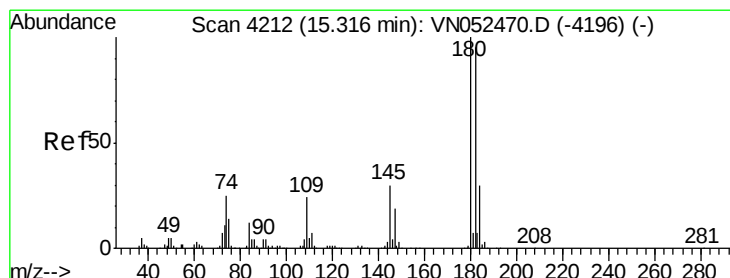
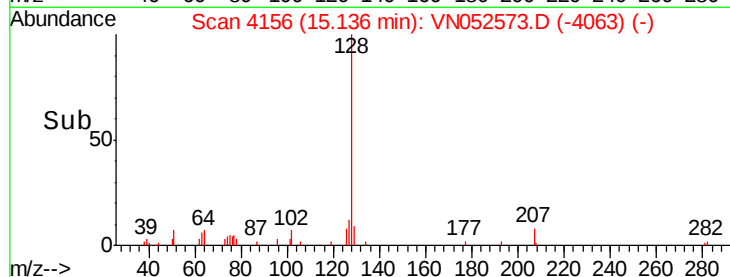
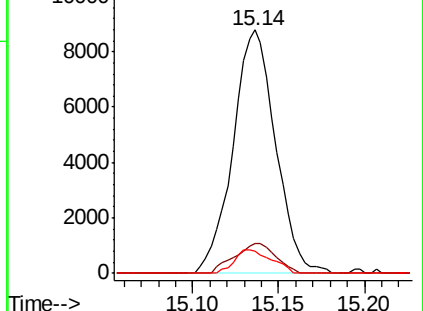
129 8.5 8.7 13.1#



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: 2.746 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

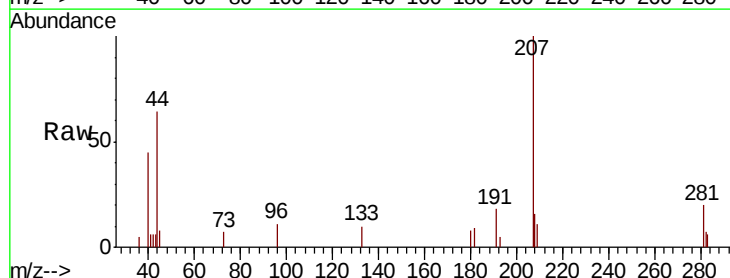
Tgt Ion:180 Resp: 223

Ion Ratio Lower Upper

180 100

182 201.3 47.8 143.3#

145 26.9 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

