

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
 Data File : VN052574.D
 Acq On : 29 Nov 2018 19:18
 Operator : MD\SY
 Sample : J5767-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

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

Quant Time: Nov 30 00:29:09 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	1377498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2104364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1835987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	694619	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	710945	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
35) Dibromofluoromethane	7.59	113	644370	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
50) Toluene-d8	10.09	98	2559808	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	800847	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	

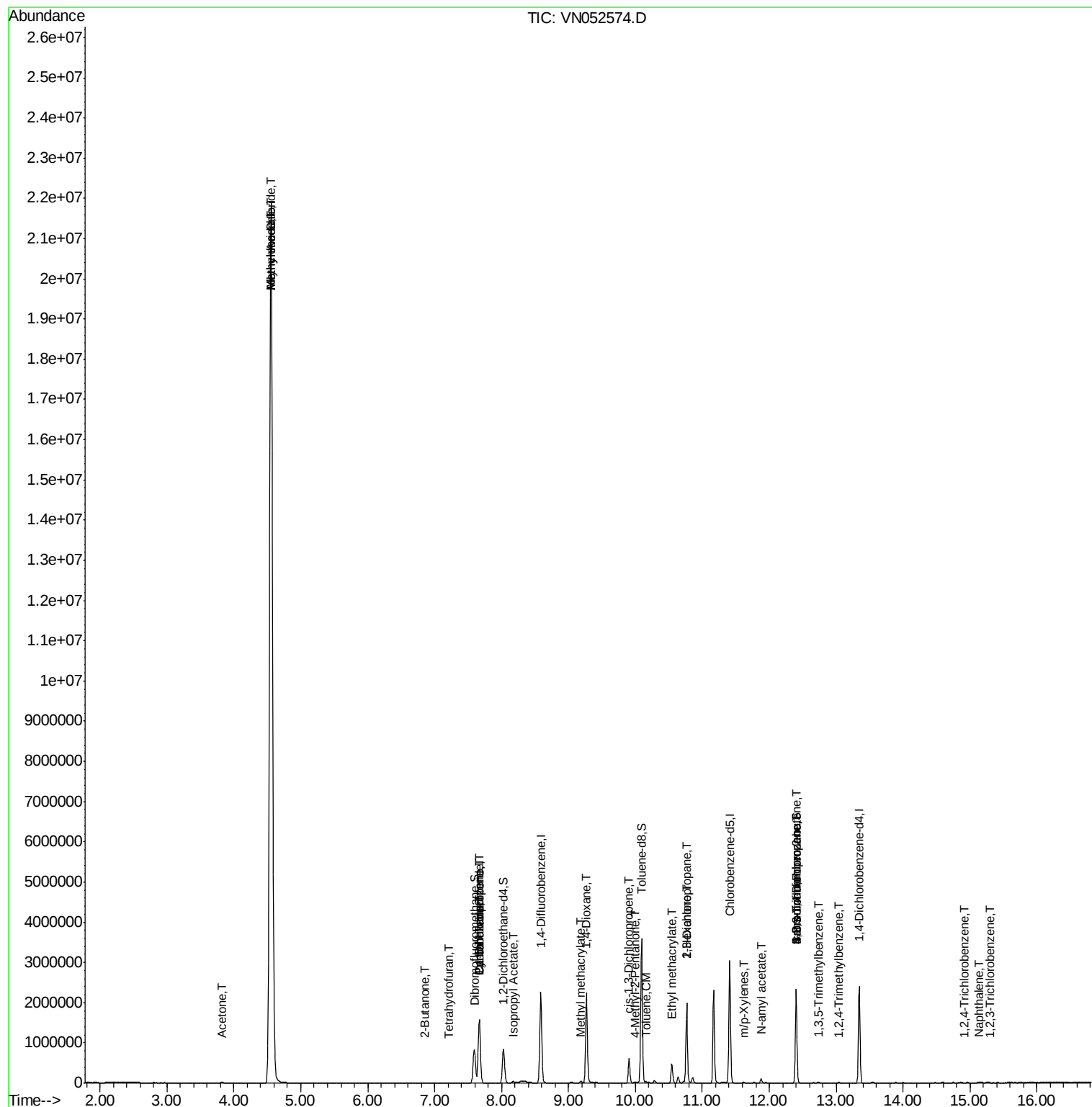
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	620751	27.912	ug/l #	27
16) Acetone	3.82	43	32702	8.266	ug/l	93
18) Methyl Acetate	4.55	43	71605	6.310	ug/l #	85
20) Methylene Chloride	4.55	84	16876915	1090.179	ug/l	99
25) 2-Butanone	6.85	43	4431	0.790	ug/l	92
29) Tetrahydrofuran	7.22	42	2209	0.611	ug/l #	57
31) Cyclohexane	7.67	56	23710	0.557	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	96077	4.835	ug/l #	49
38) Carbon Tetrachloride	7.67	117	122996	6.837	ug/l #	16
43) Isopropyl Acetate	8.18	43	51804	2.524	ug/l #	79
48) Methyl methacrylate	9.18	41	15947	1.490	ug/l #	13
49) 1,4-Dioxane	9.27	88	64	0.576	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	7592	0.659	ug/l	97
52) Toluene	10.16	92	13652	0.388	ug/l	91
54) cis-1,3-Dichloropropene	9.91	75	113502	5.195	ug/l #	64
56) Ethyl methacrylate	10.55	69	1377	2.769	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	21410	0.980	ug/l #	43
59) 2-Hexanone	10.76	43	302701	39.167	ug/l #	51
68) m/p-Xylenes	11.62	106	6528	0.265	ug/l	90
71) Bromoform	12.40	173	4892	0.561	ug/l #	1
74) N-amyl acetate	11.88	43	35337	2.567	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	383488	35.802	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11308	0.260	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	383488	119.561	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	13584	0.312	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	186	2.844	ug/l #	36
95) Naphthalene	15.14	128	19508	4.123	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	95	2.735	ug/l #	52

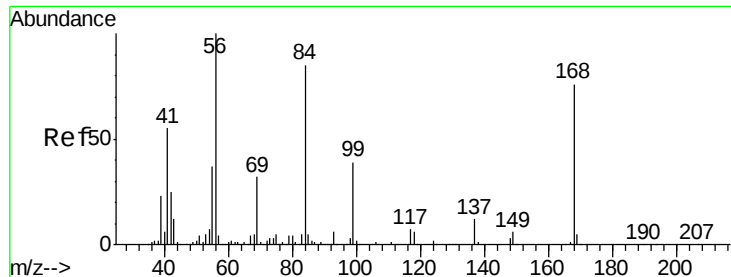
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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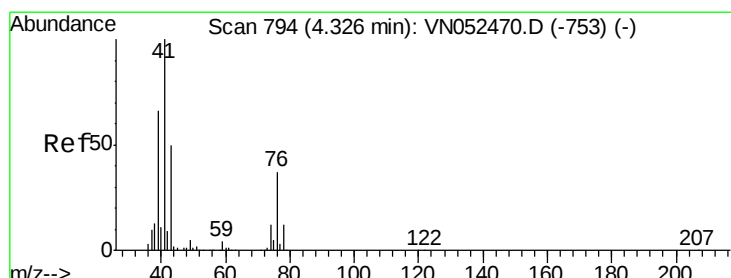
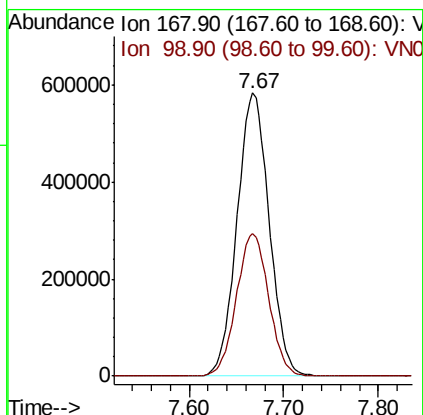
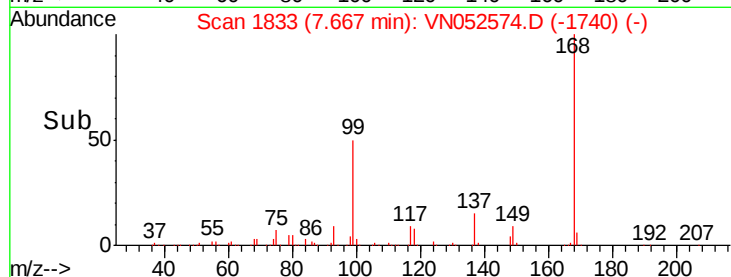
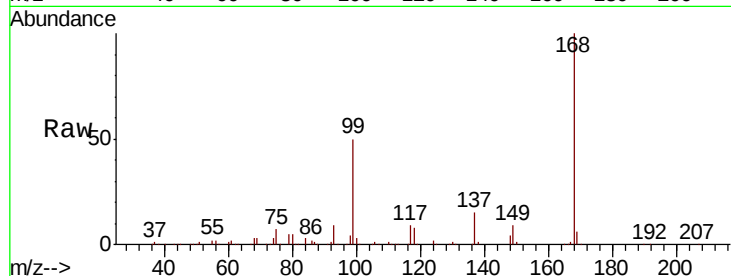


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052574.D
Acq: 29 Nov 2018 19:18

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

Tot Ion:168 Resp: 1377498

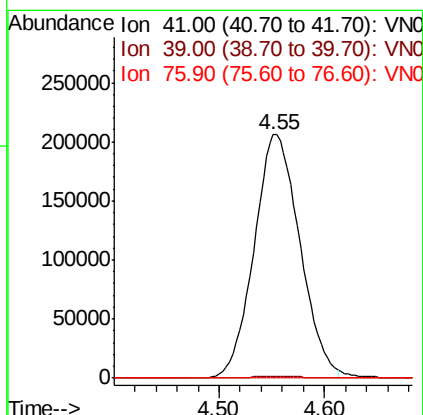
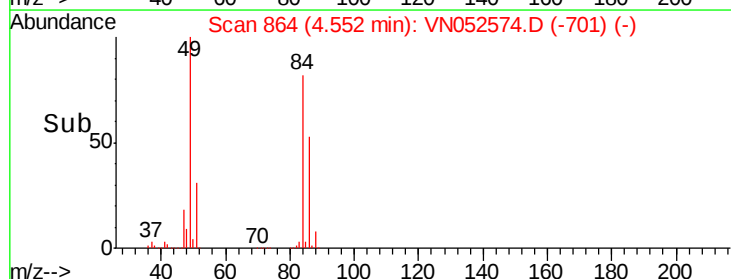
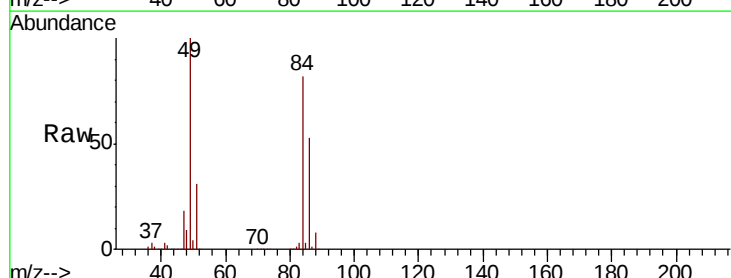
Ion	Ratio	Lower	Upper
168	100		
99	50.3	41.7	62.5

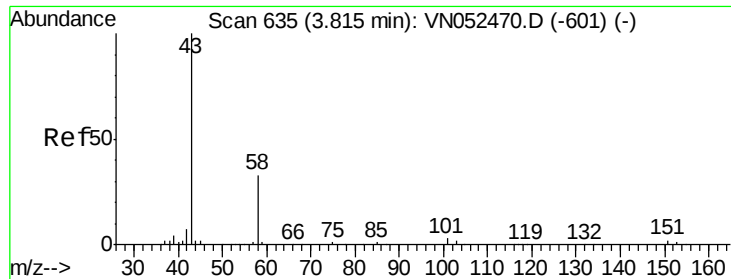


#14
Allyl chloride
Concen: 27.912 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN052574.D
Acq: 29 Nov 2018 19:18

Tgt Ion: 41 Resp: 620751

Ion	Ratio	Lower	Upper
41	100		
39	0.9	50.6	76.0#
76	0.0	27.4	41.2#





#16

Acetone

Concen: 8.266 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052574.D

Acq: 29 Nov 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

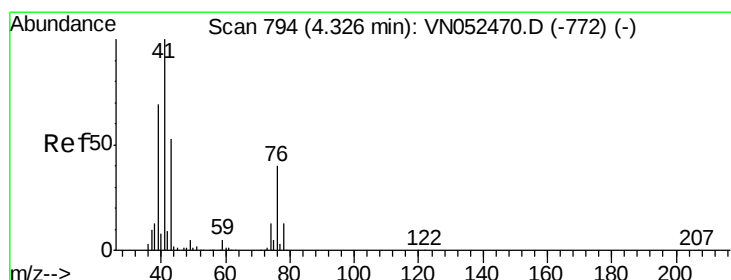
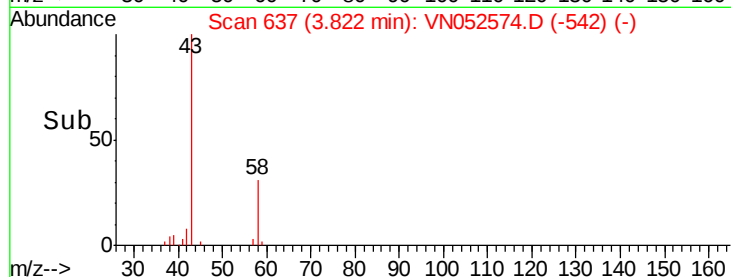
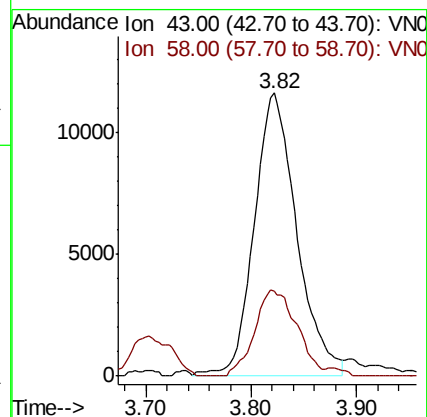
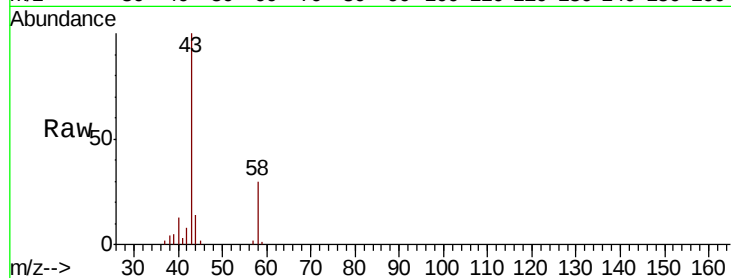
CL-02-112818-C

Tot Ion: 43 Resp: 32702

Ion Ratio Lower Upper

43 100

58 28.5 26.0 39.0



#18

Methyl Acetate

Concen: 6.310 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN052574.D

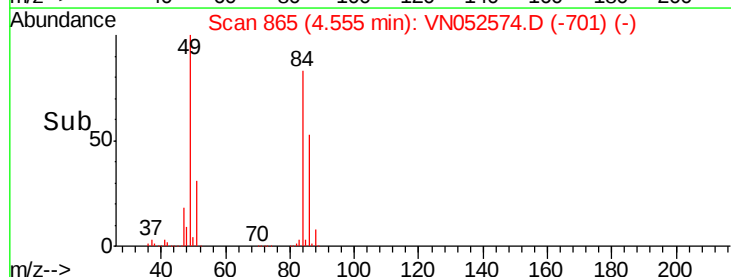
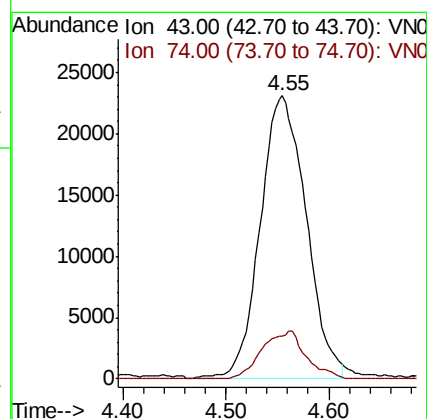
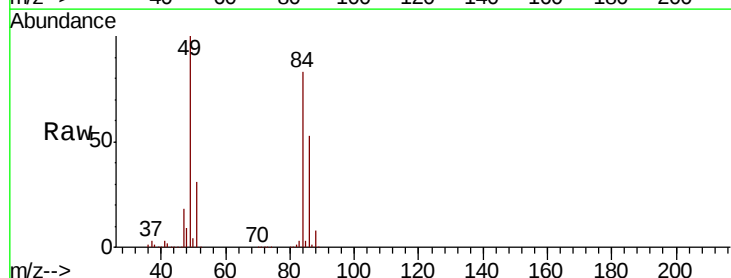
Acq: 29 Nov 2018 19:18

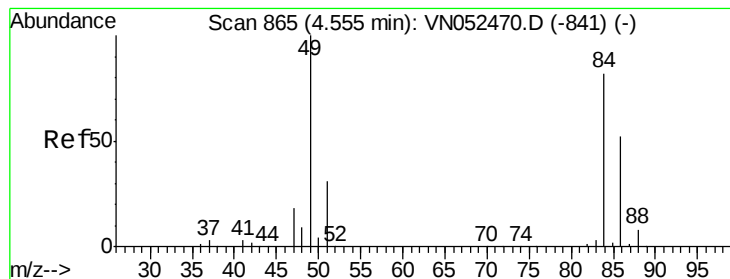
Tgt Ion: 43 Resp: 71605

Ion Ratio Lower Upper

43 100

74 16.1 18.6 27.8#





#20

Methvlene Chloride

Concen: 1090.179 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052574.D

Acq: 29 Nov 2018 19:18

Instrument :

MSVOA_N

ClientSampled :

CL-02-112818-C

Tot Ion: 84 Resp:16876915

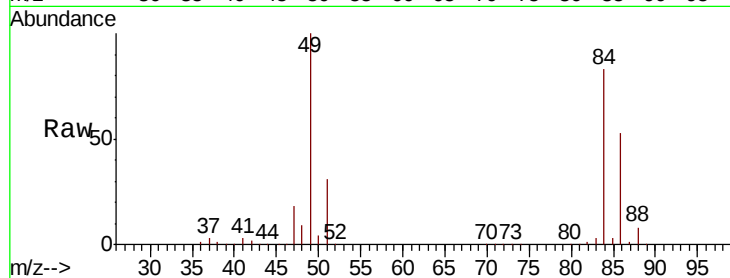
Ion Ratio Lower Upper

84 100

49 120.9 98.0 147.0

51 37.8 30.1 45.1

86 64.2 50.7 76.1



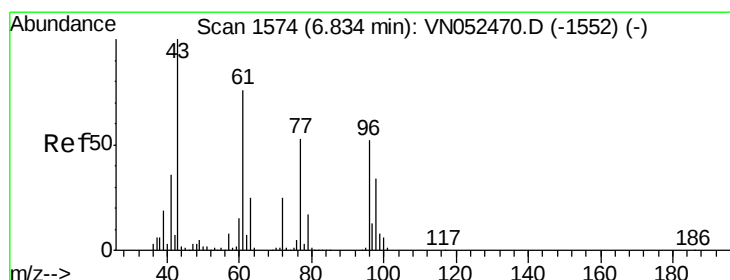
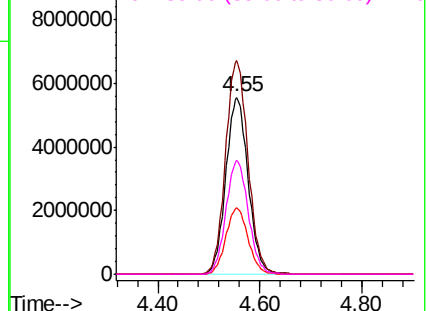
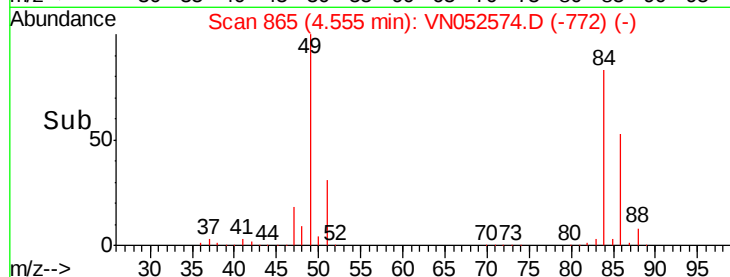
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.790 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN052574.D

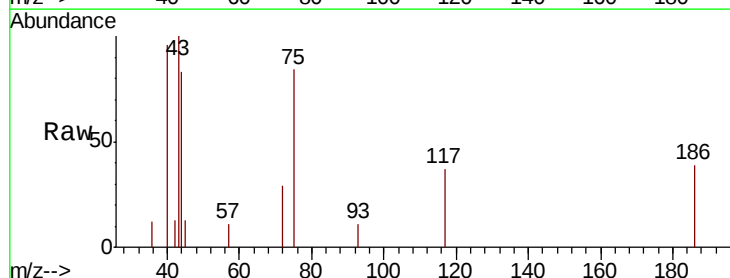
Acq: 29 Nov 2018 19:18

Tgt Ion: 43 Resp: 4431

Ion Ratio Lower Upper

43 100

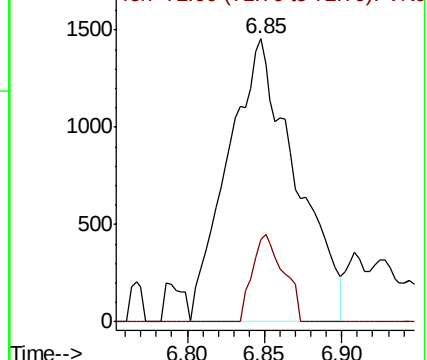
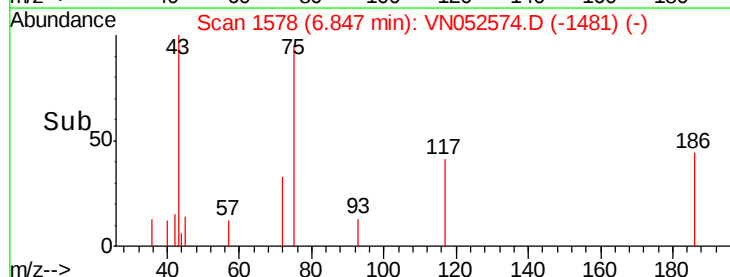
72 29.3 20.1 30.1

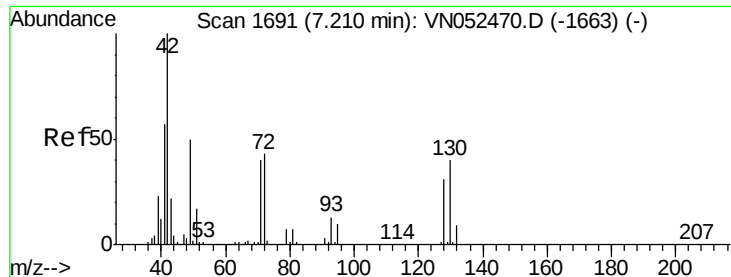


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

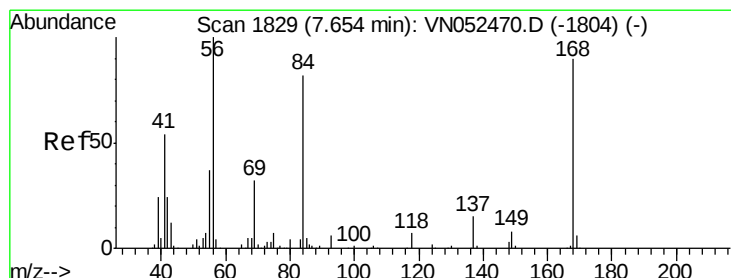
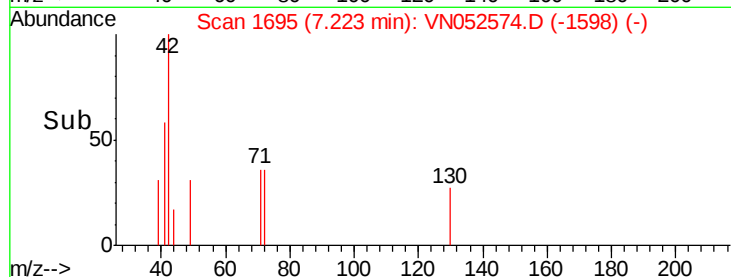
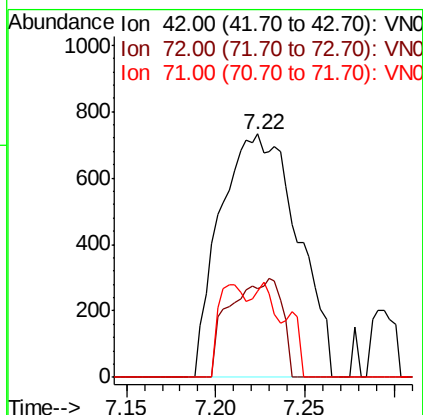
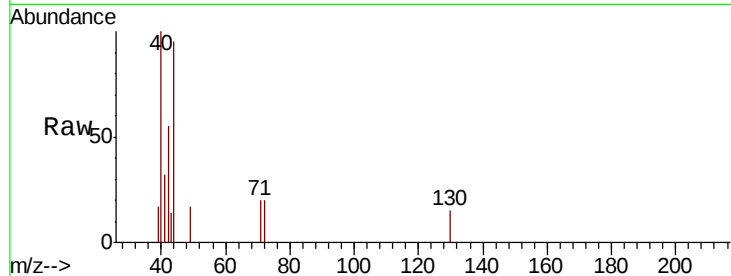




#29
Tetrahydrofuran
Concen: 0.611 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN052574.D
Acq: 29 Nov 2018 19:18

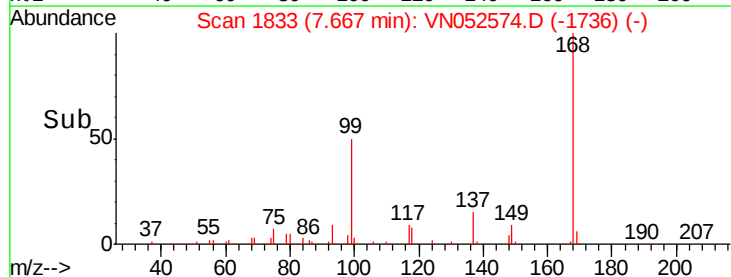
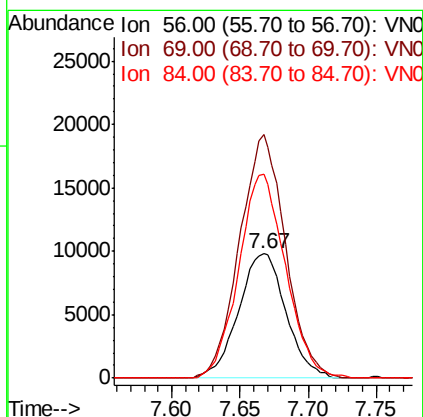
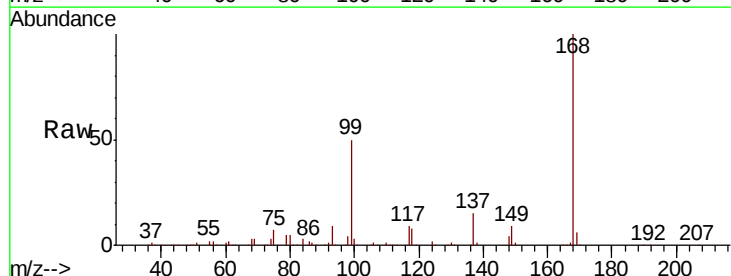
Instrument :
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ClientSampleId :
CL-02-112818-C

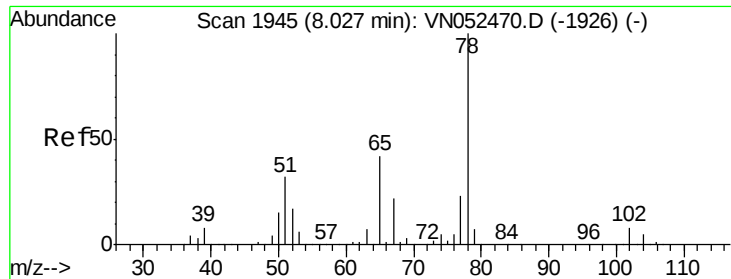
Tot Ion: 42 Resp: 2209
Ion Ratio Lower Upper
42 100
72 27.4 33.3 49.9#
71 0.0 32.0 48.0#



#31
Cyclohexane
Concen: 0.557 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052574.D
Acq: 29 Nov 2018 19:18

Tgt Ion: 56 Resp: 23710
Ion Ratio Lower Upper
56 100
69 195.7 25.8 38.6#
84 164.2 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: VN052574.D

Acq: 29 Nov 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

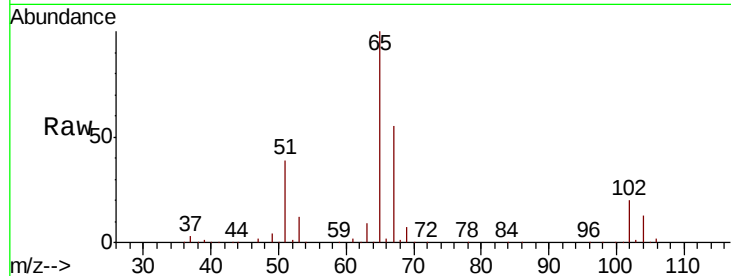
CL-02-112818-C

Tot Ion: 65 Resp: 710945

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052574.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052574.D (-1926) (-)

8.03

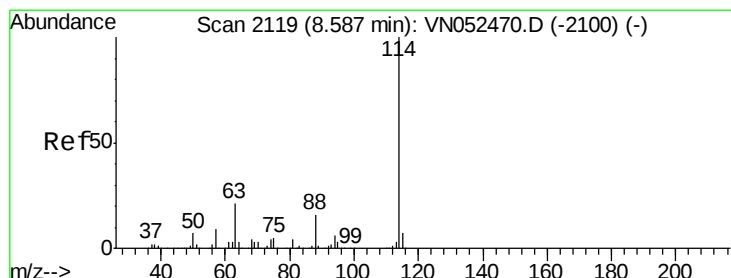
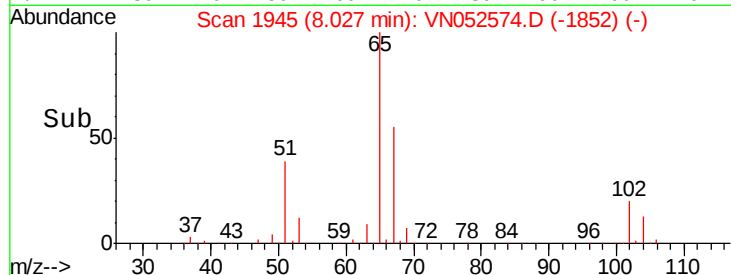
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052574.D

Acq: 29 Nov 2018 19:18

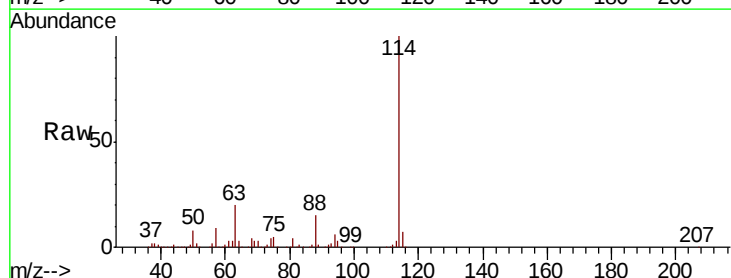
Tgt Ion: 114 Resp: 2104364

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.8

88 15.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN052574.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN052574.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN052574.D (-2100) (-)

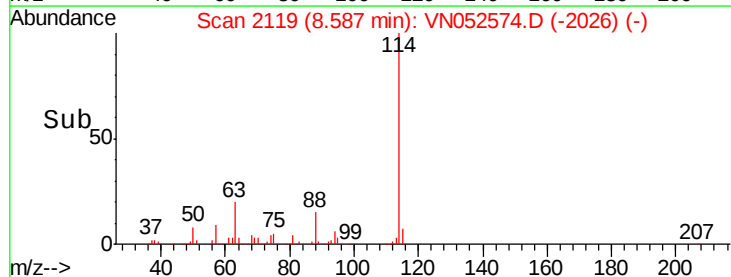
8.59

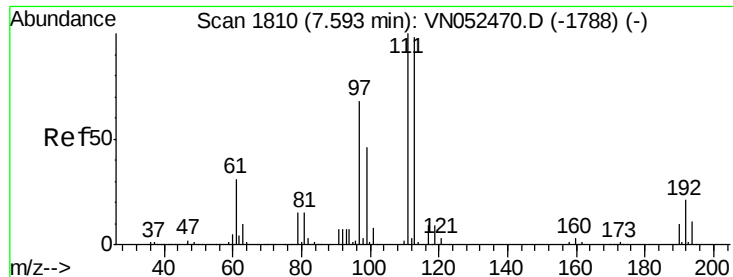
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500000

0

Time-->

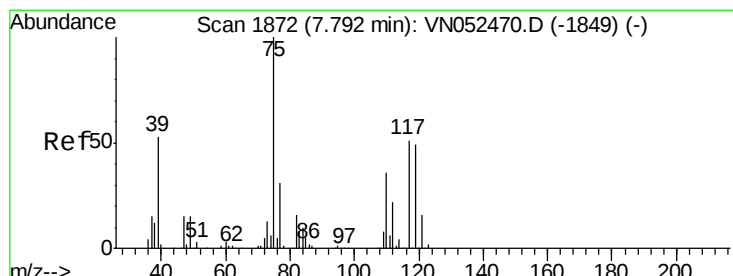
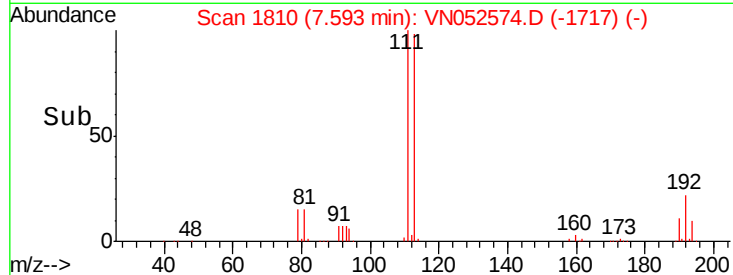
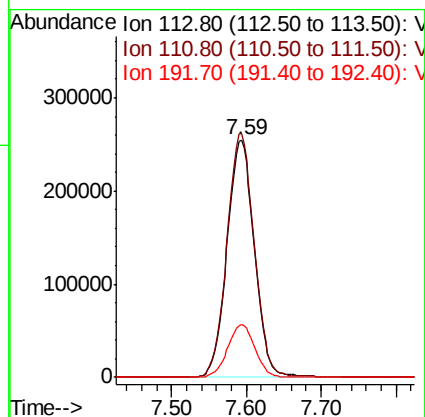
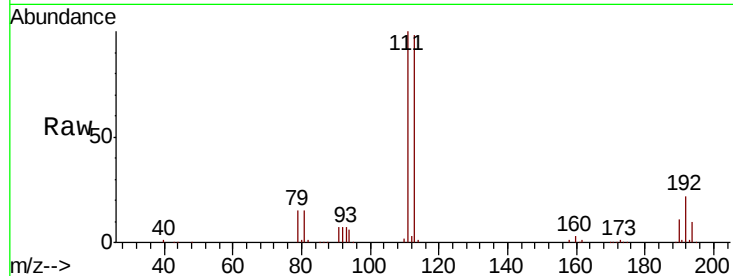




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052574.D
 Acq: 29 Nov 2018 19:18

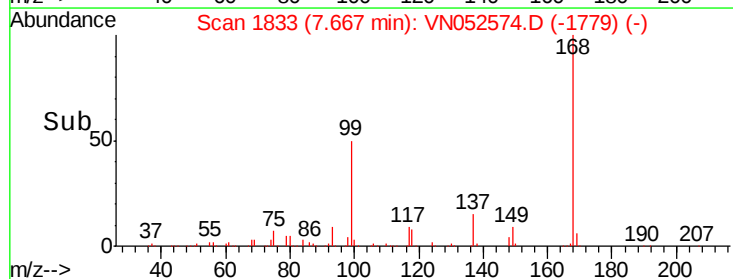
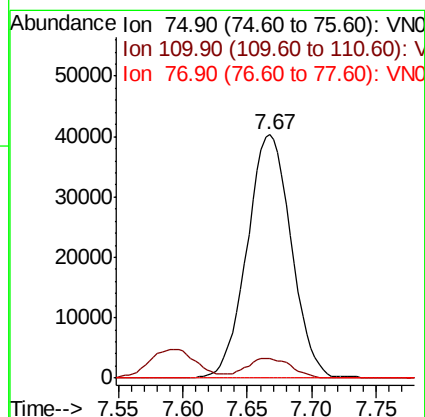
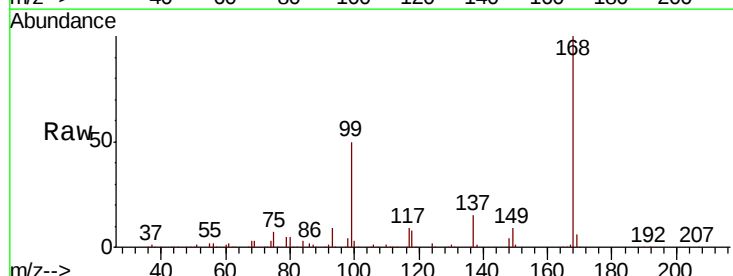
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-112818-C

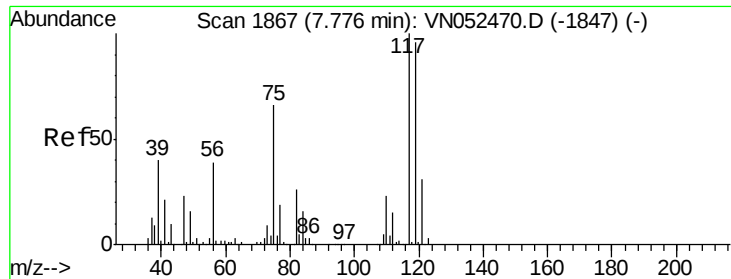
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	22.2	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.835 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052574.D
 Acq: 29 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.5	52.6#
77	0.0	24.5	36.7#

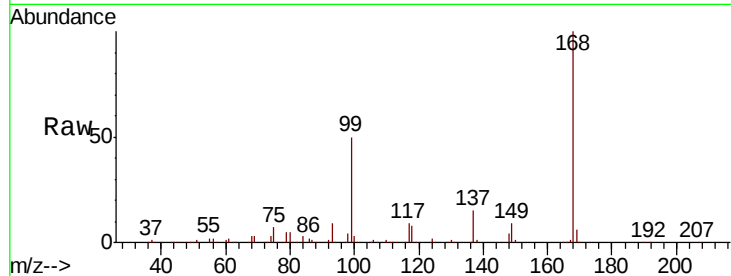




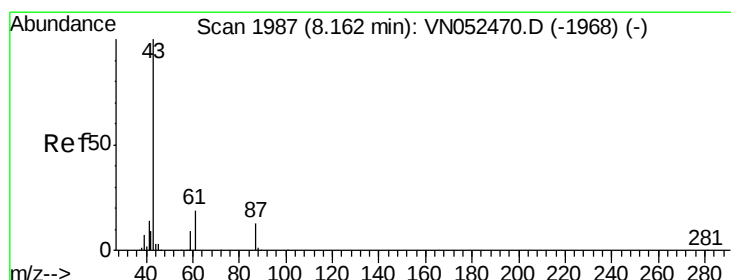
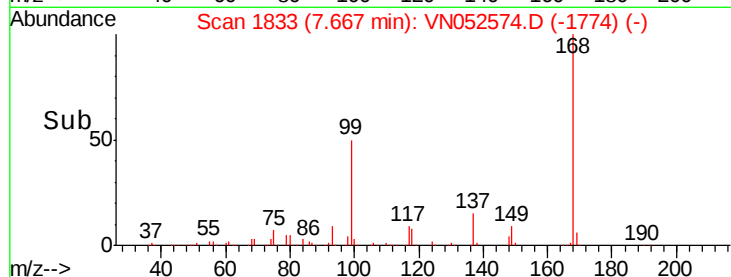
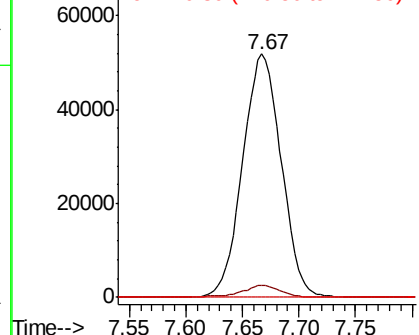
#38
Carbon Tetrachloride
Concen: 6.837 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052574.D
Acq: 29 Nov 2018 19:18

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

Tot Ion:117 Resp: 122996
Ion Ratio Lower Upper
117 100
119 5.0 76.8 115.2#
121 0.0 24.9 37.3#

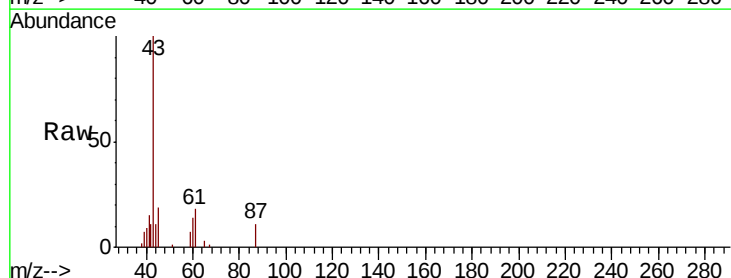


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

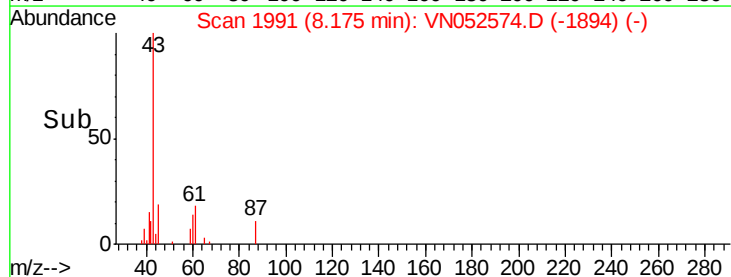
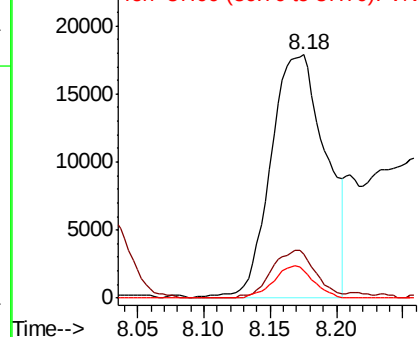


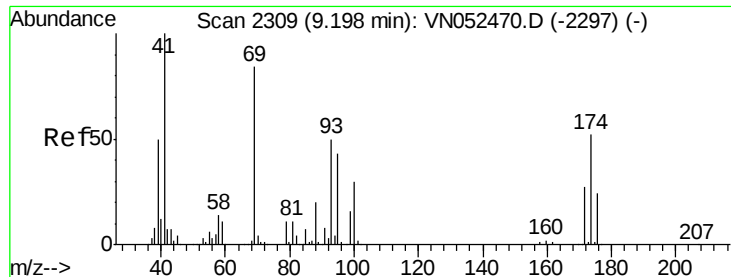
#43
Isopropyl Acetate
Concen: 2.524 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN052574.D
Acq: 29 Nov 2018 19:18

Tgt Ion: 43 Resp: 51804
Ion Ratio Lower Upper
43 100
61 15.8 24.1 36.1#
87 9.6 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

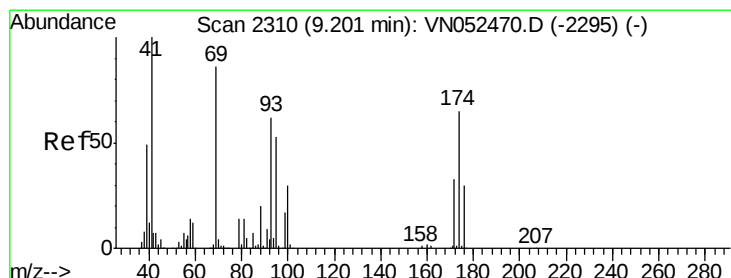
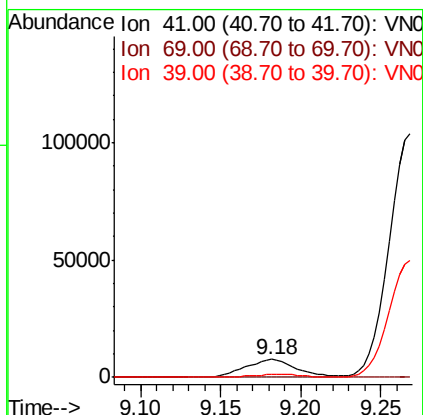
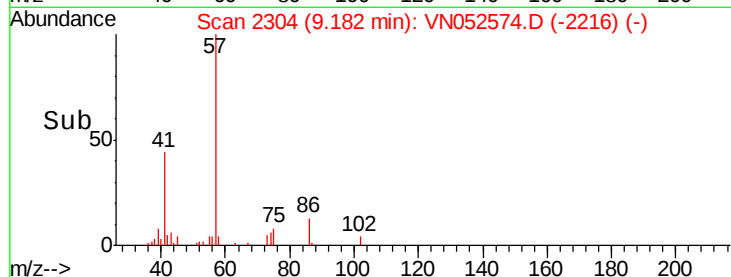
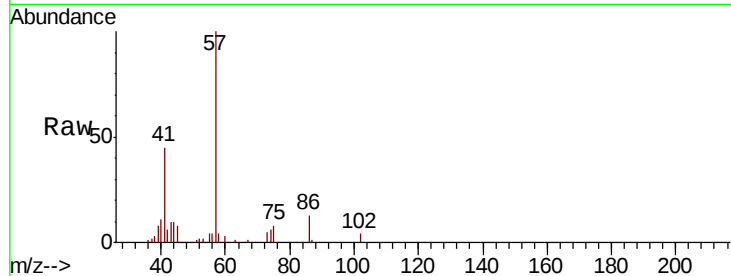




#48
Methvl methacrylate
Concen: 1.490 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052574.D
Acq: 29 Nov 2018 19:18

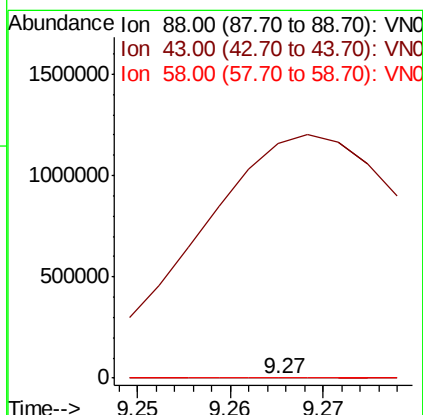
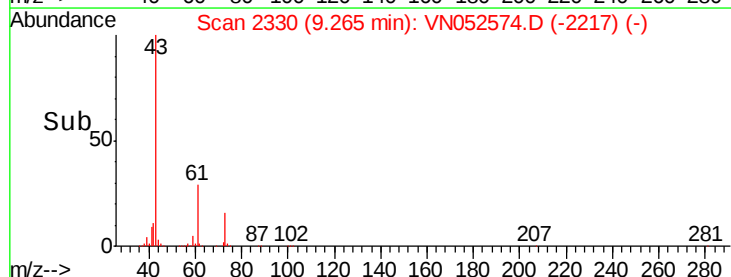
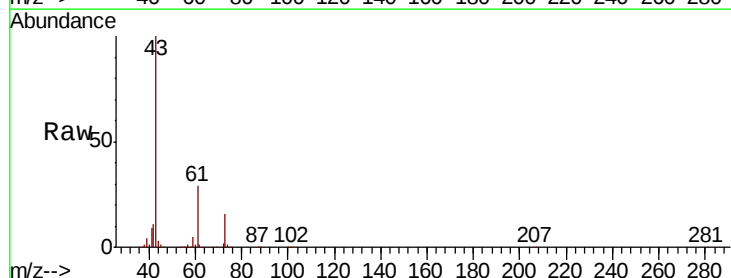
Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-C

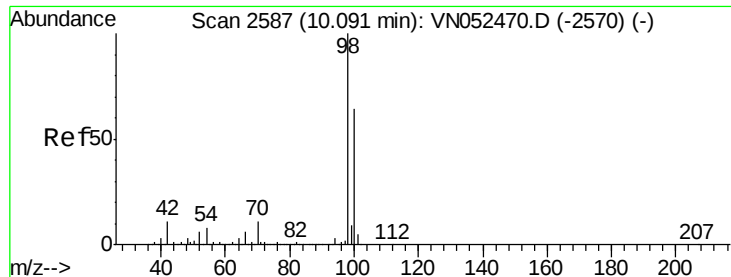
Tot Ion: 41 Resp: 15947
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 0.0 42.6 64.0#



#49
1,4-Dioxane
Concen: 0.576 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN052574.D
Acq: 29 Nov 2018 19:18

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 3497320.3 26.4 39.6#
58 15329.7 55.4 83.0#





#50

Toluene-d8

Concen: 0.576 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052574.D

Acq: 29 Nov 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

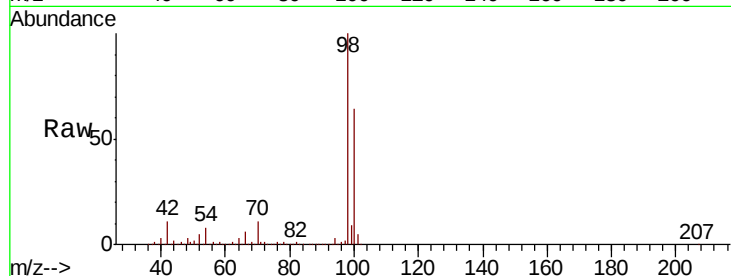
CL-02-112818-C

Tot Ion: 98 Resp: 2559808

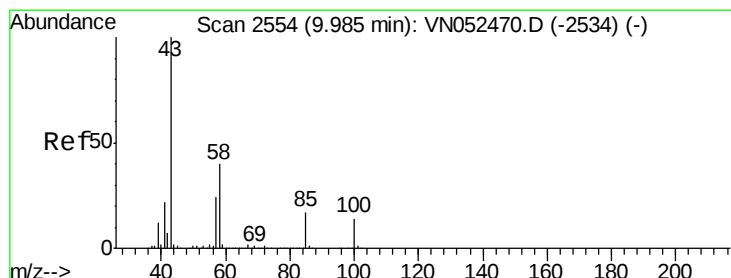
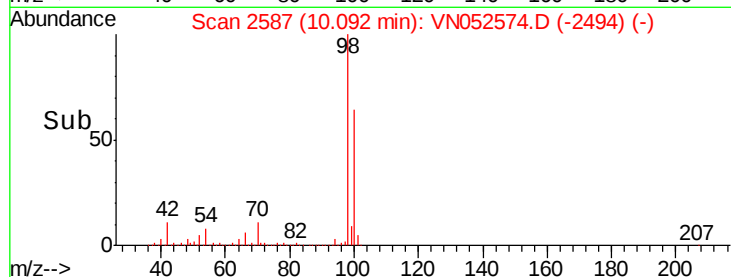
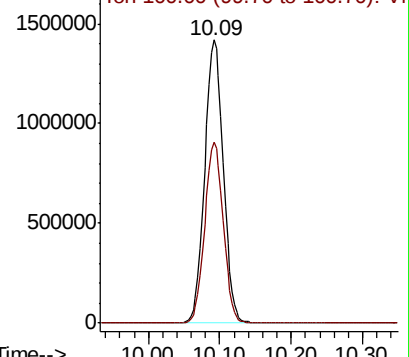
Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.659 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN052574.D

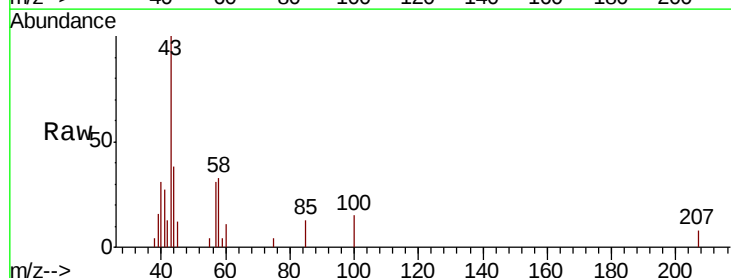
Acq: 29 Nov 2018 19:18

Tgt Ion: 43 Resp: 7592

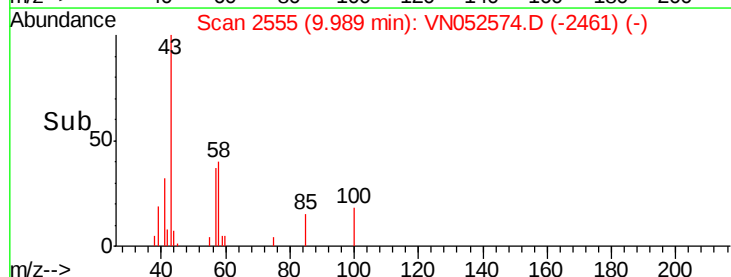
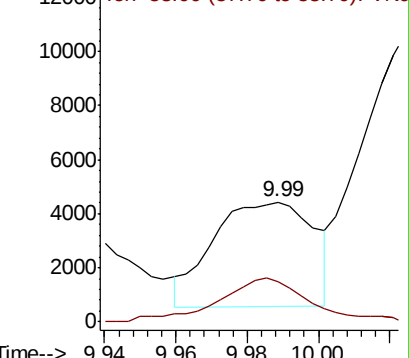
Ion Ratio Lower Upper

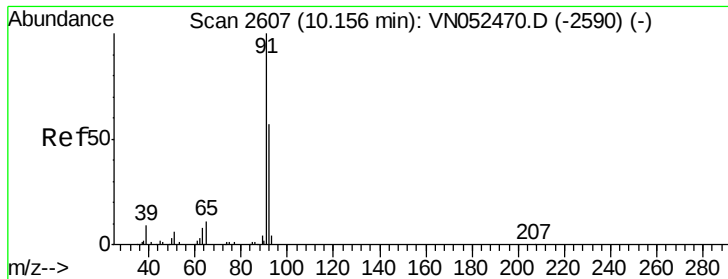
43 100

58 37.6 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-2534) (-)





#52

Toluene

Concen: 0.388 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052574.D

Acq: 29 Nov 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

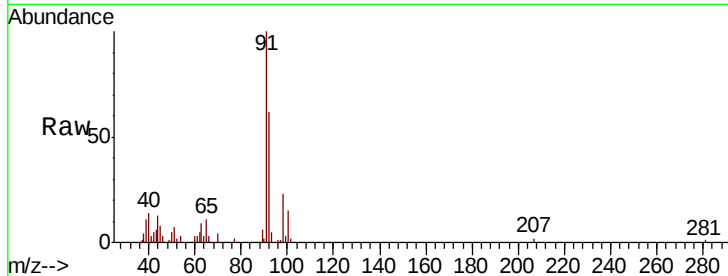
CL-02-112818-C

Tot Ion: 92 Resp: 13652

Ion Ratio Lower Upper

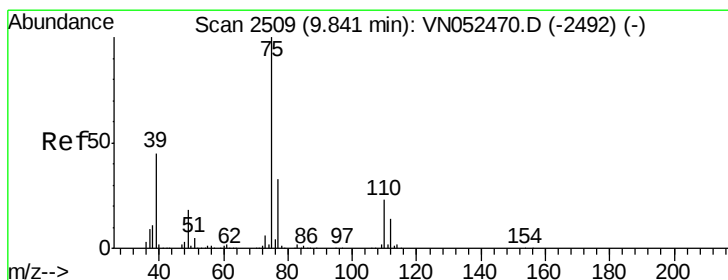
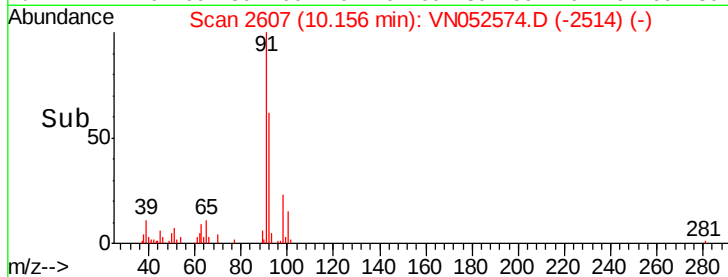
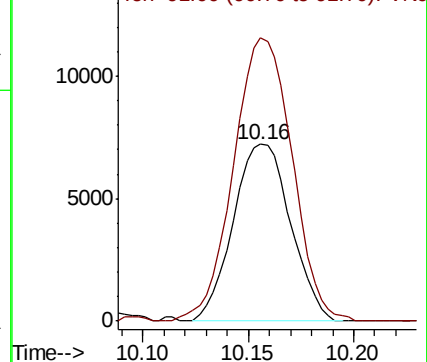
92 100

91 163.6 141.0 211.4



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: 5.195 ug/l

RT: 9.91 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052574.D

Acq: 29 Nov 2018 19:18

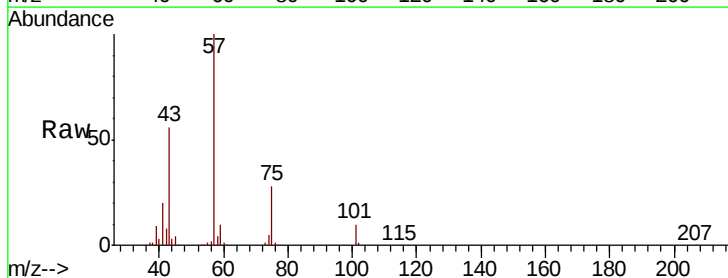
Tgt Ion: 75 Resp: 113502

Ion Ratio Lower Upper

75 100

77 0.5 26.2 39.2#

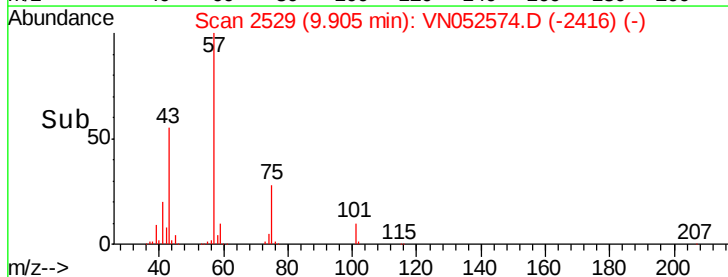
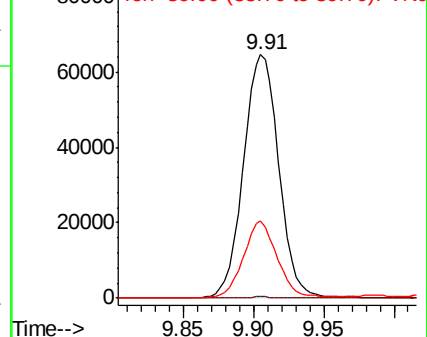
39 31.6 36.0 54.0#

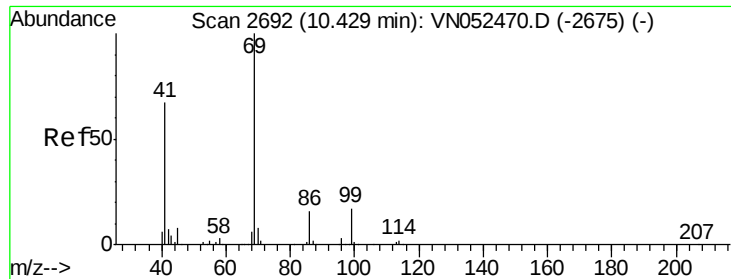


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.769 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN052574.D

Acq: 29 Nov 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-C

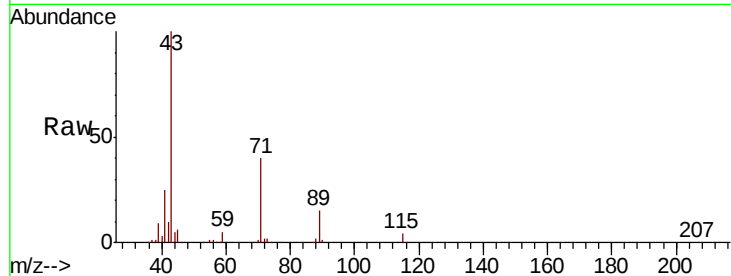
Tot Ion: 69 Resp: 1377

Ion Ratio Lower Upper

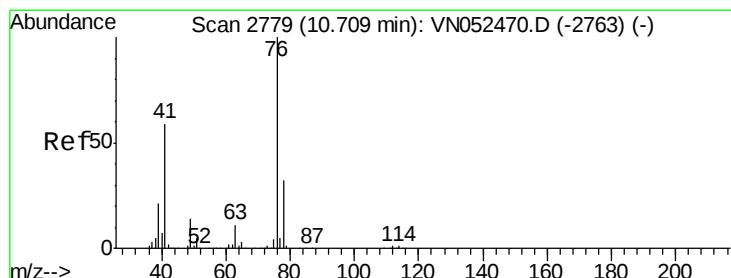
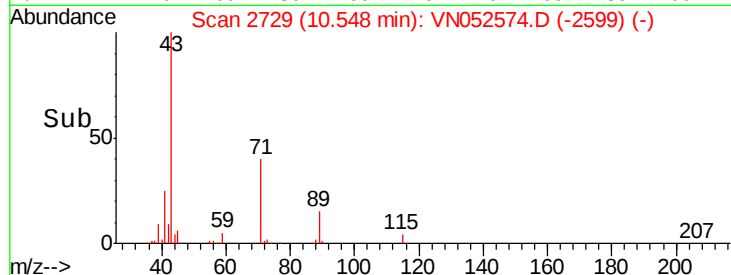
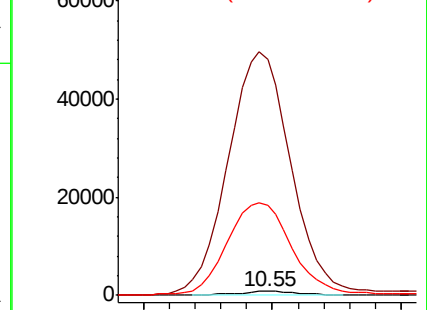
69 100

41 6165.4 52.6 79.0#

39 2418.4 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VNC
Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC



#57

1,3-Dichloropropane

Concen: 0.980 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN052574.D

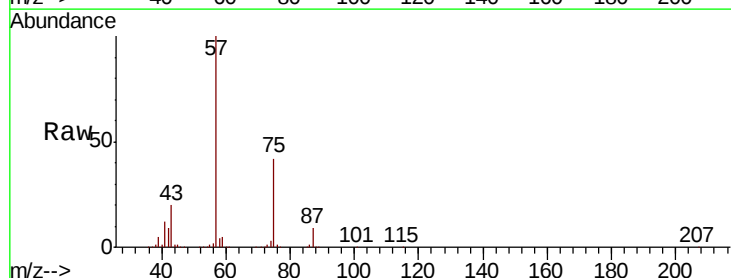
Acq: 29 Nov 2018 19:18

Tgt Ion: 76 Resp: 21410

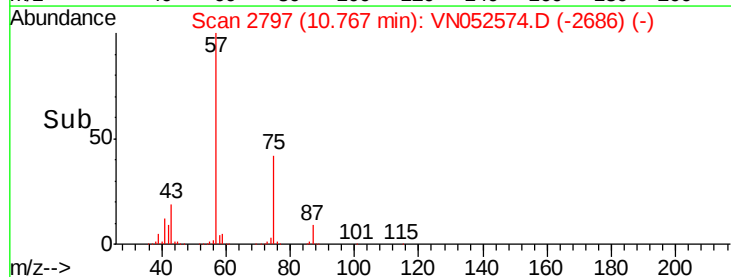
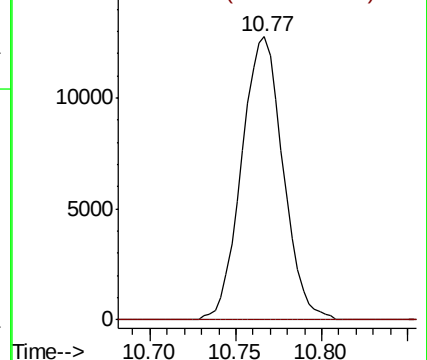
Ion Ratio Lower Upper

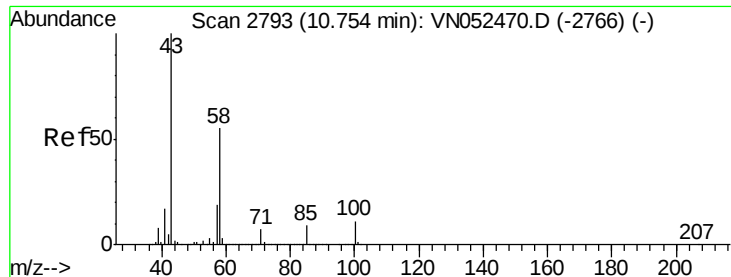
76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VNC
Ion 77.90 (77.60 to 78.60): VNC

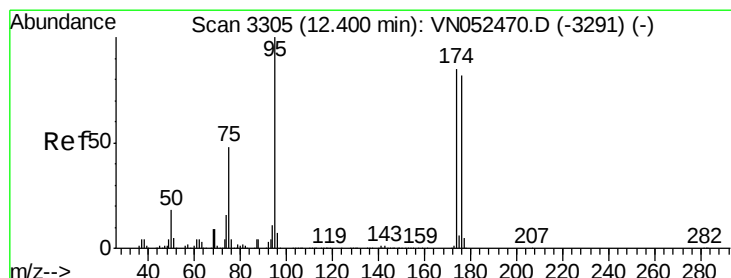
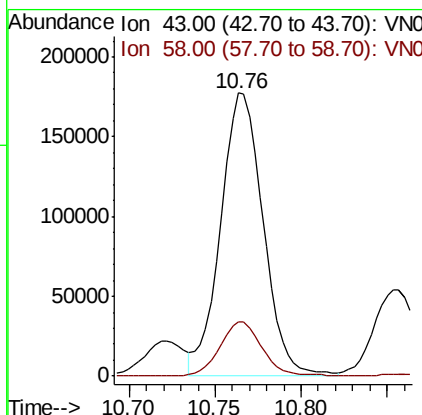
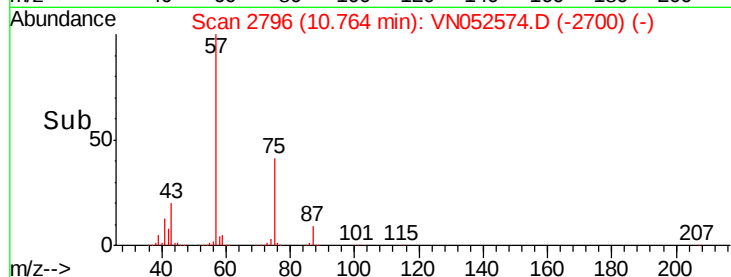
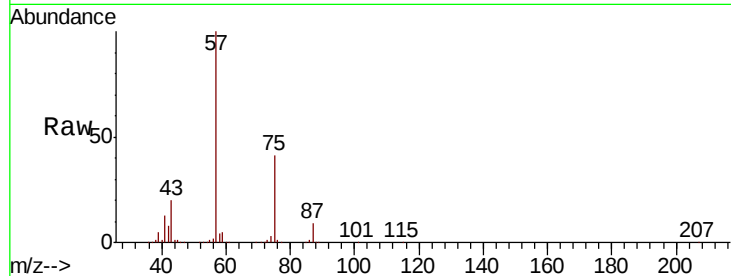




#59
2-Hexanone
Concen: 39.167 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052574.D
Acq: 29 Nov 2018 19:18

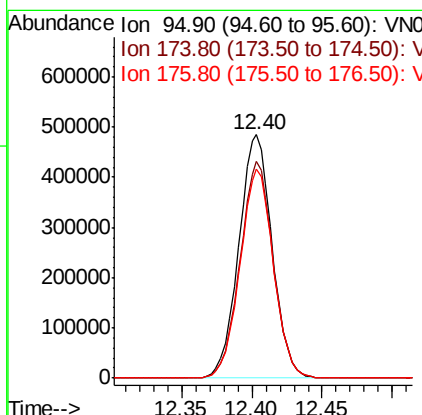
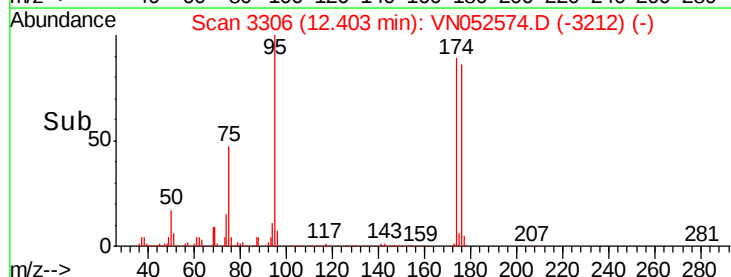
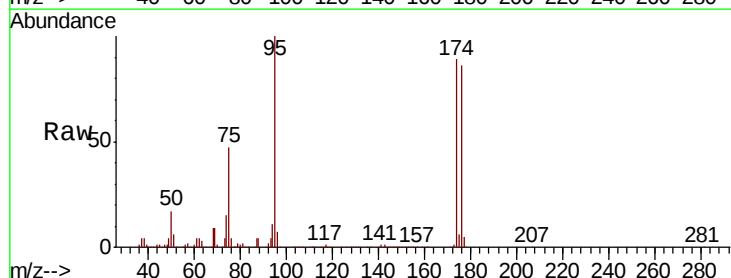
Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-C

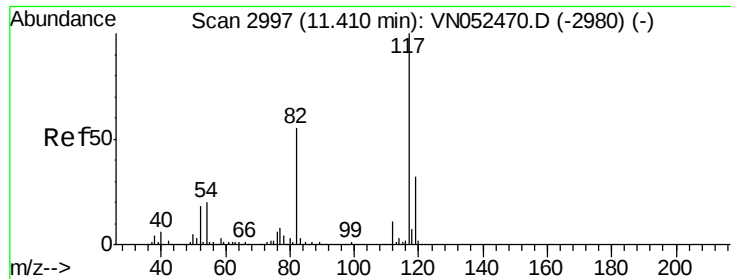
Tot Ion: 43 Resp: 302701
Ion Ratio Lower Upper
43 100
58 19.2 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052574.D
Acq: 29 Nov 2018 19:18

Tgt Ion: 95 Resp: 800847
Ion Ratio Lower Upper
95 100
174 88.5 0.0 173.0
176 86.0 0.0 166.2

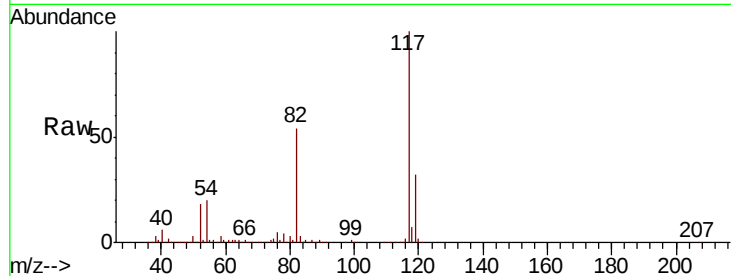




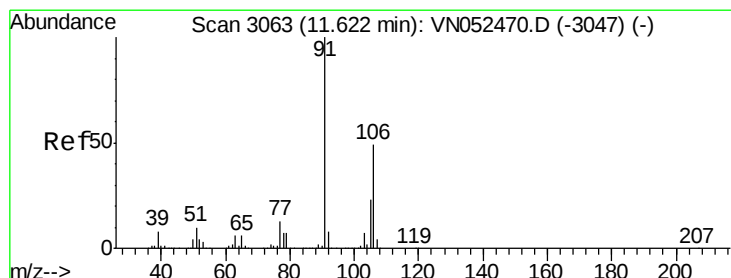
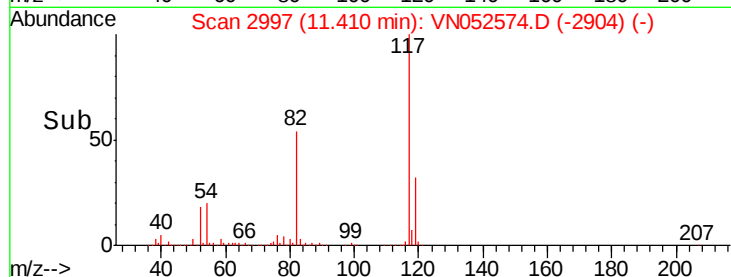
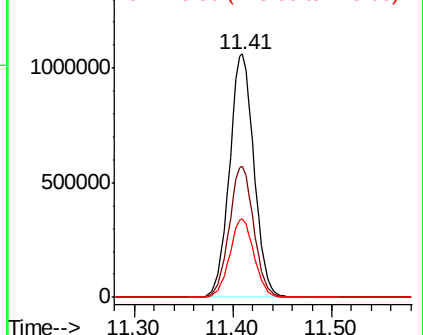
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052574.D
Acq: 29 Nov 2018 19:18

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

Tot Ion:117 Resp: 1835987
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 32.1 25.4 38.2

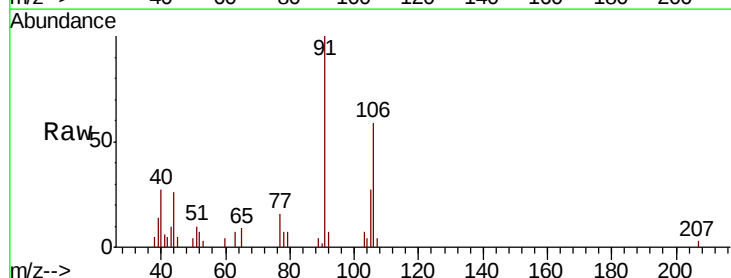


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

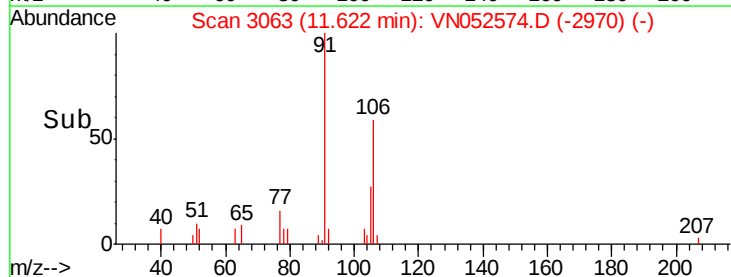
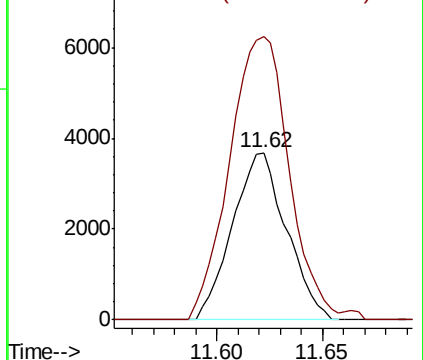


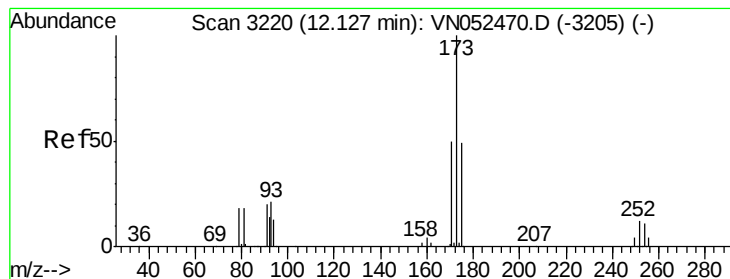
#68
m/p-Xylenes
Concen: 0.265 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052574.D
Acq: 29 Nov 2018 19:18

Tgt Ion:106 Resp: 6528
Ion Ratio Lower Upper
106 100
91 188.5 163.2 244.8



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





#71

Bromoform

Concen: 0.561 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052574.D

Acq: 29 Nov 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-C

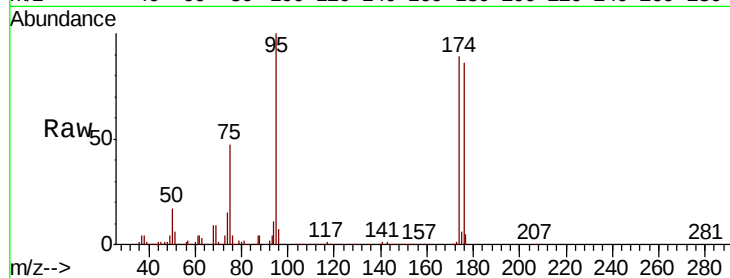
Tot Ion:173 Resp: 4892

Ion Ratio Lower Upper

173 100

175 891.0 24.4 73.2#

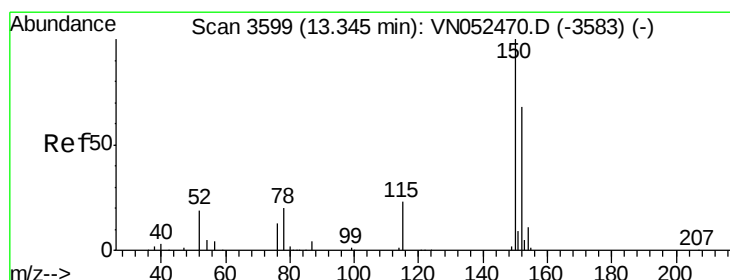
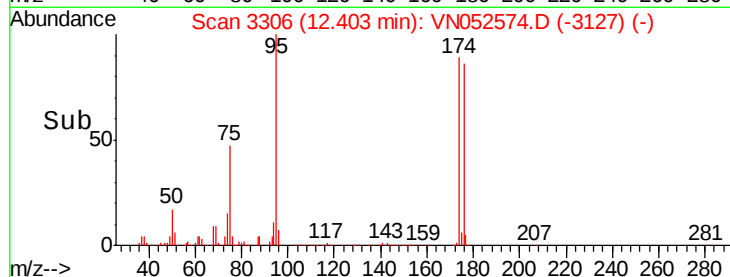
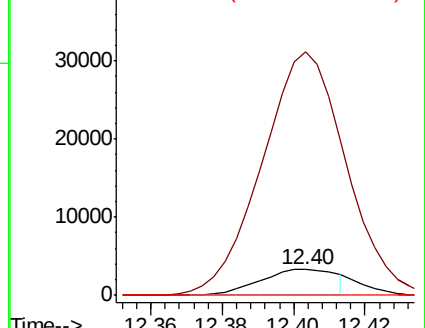
254 0.0 0.1 0.1#



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: VN052574.D

Acq: 29 Nov 2018 19:18

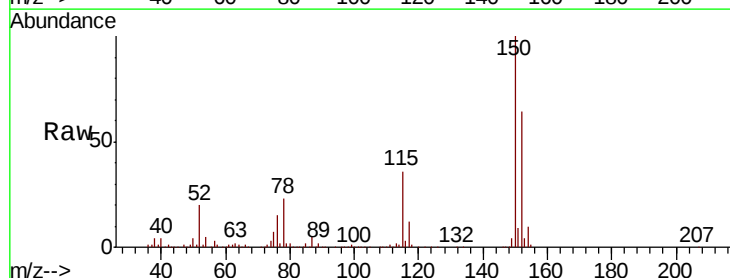
Tgt Ion:152 Resp: 694619

Ion Ratio Lower Upper

152 100

115 56.2 28.4 85.2

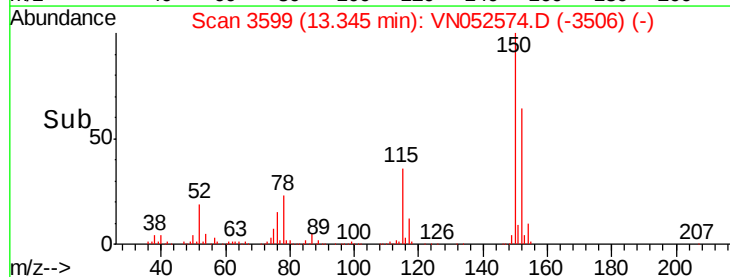
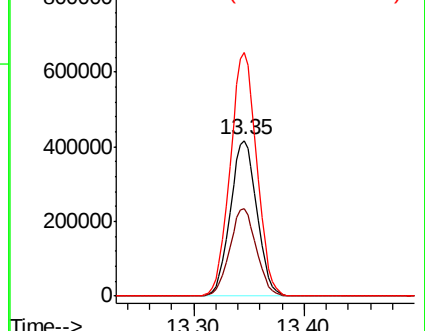
150 156.3 0.0 346.0

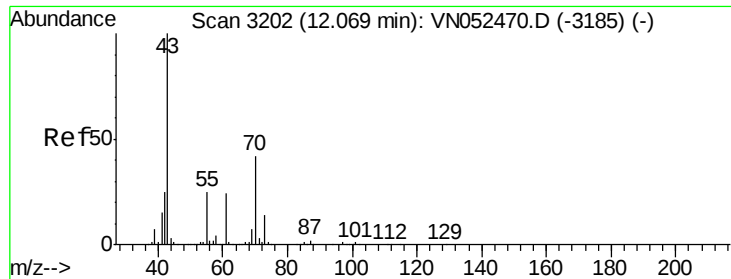


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.567 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN052574.D

Acq: 29 Nov 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-C

Tot Ion: 43 Resp: 35337

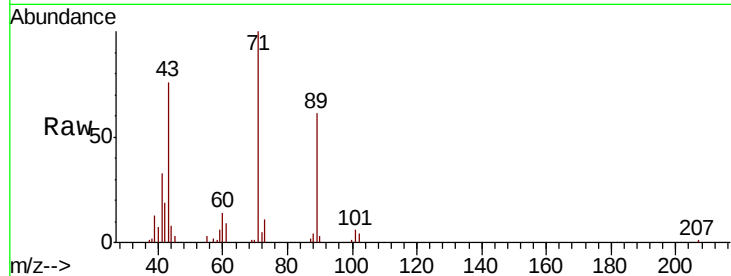
Ion Ratio Lower Upper

43 100

70 1.7 33.8 50.8#

55 4.3 20.0 30.0#

61 10.8 19.7 29.5#

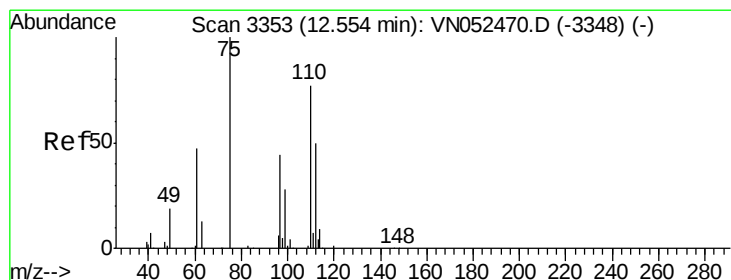
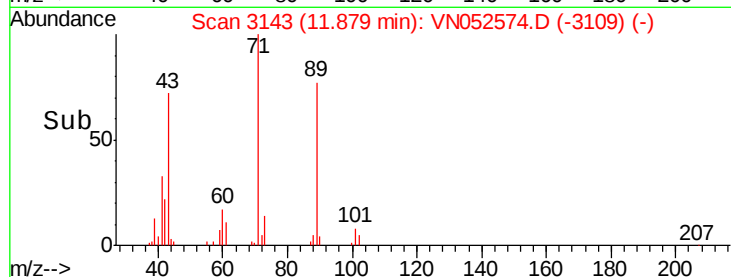
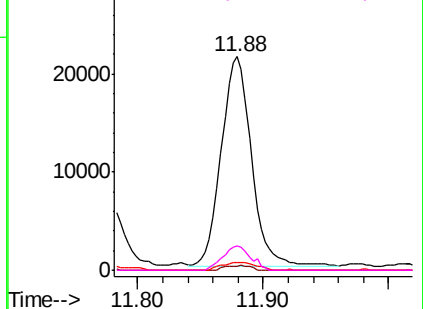


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 35.802 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052574.D

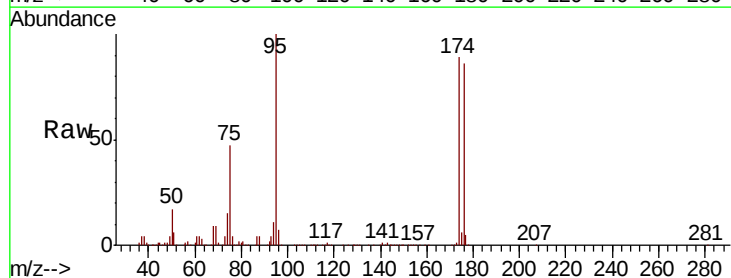
Acq: 29 Nov 2018 19:18

Tgt Ion: 75 Resp: 383488

Ion Ratio Lower Upper

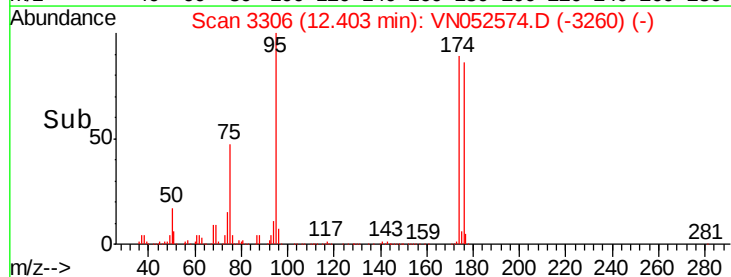
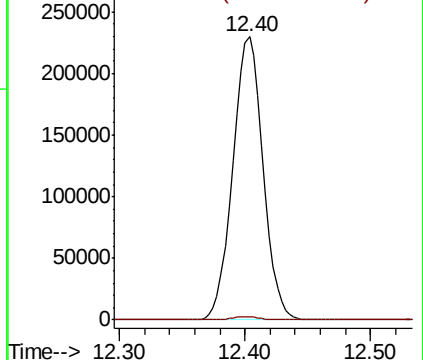
75 100

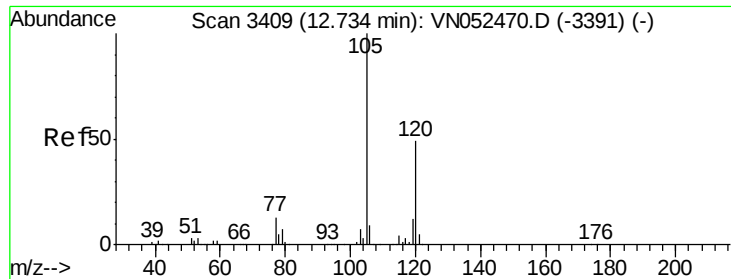
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

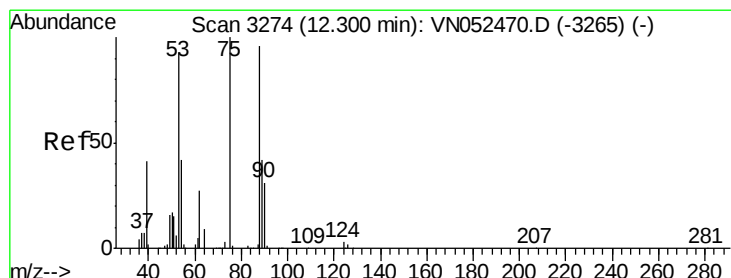
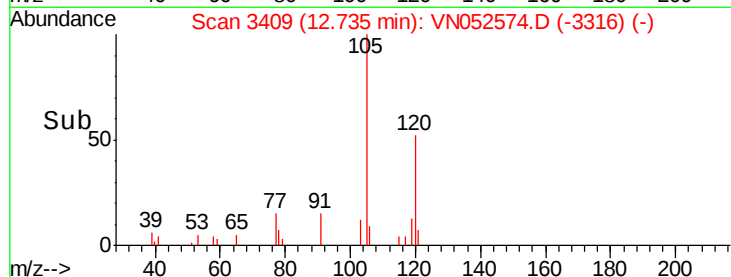
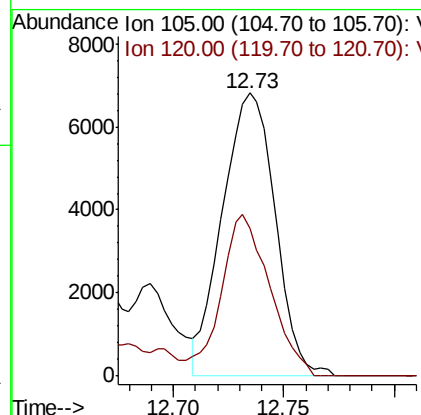
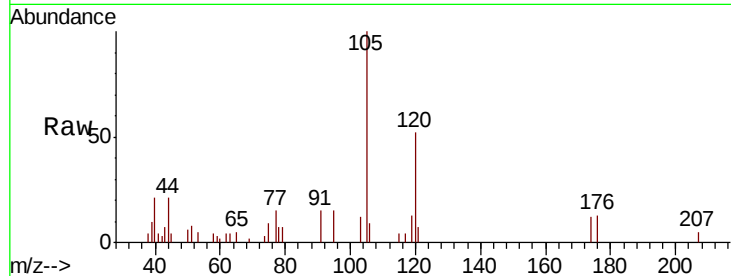




#80
 1,3,5-Trimethylbenzene
 Concen: 0.260 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052574.D
 Acq: 29 Nov 2018 19:18

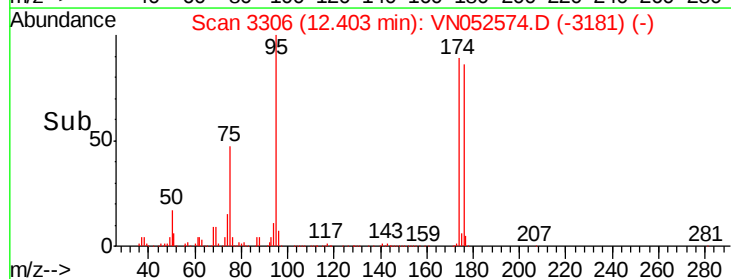
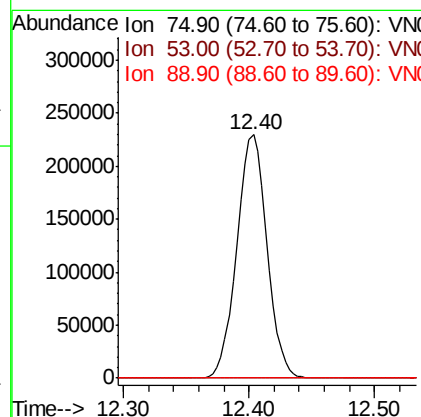
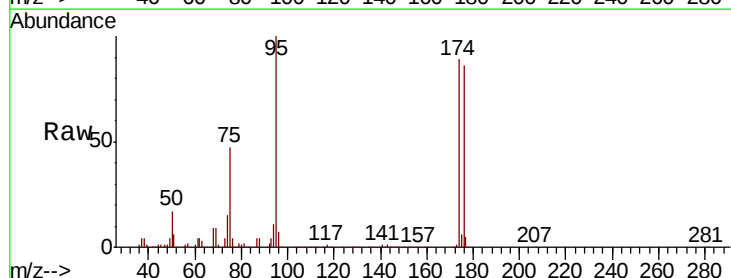
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-112818-C

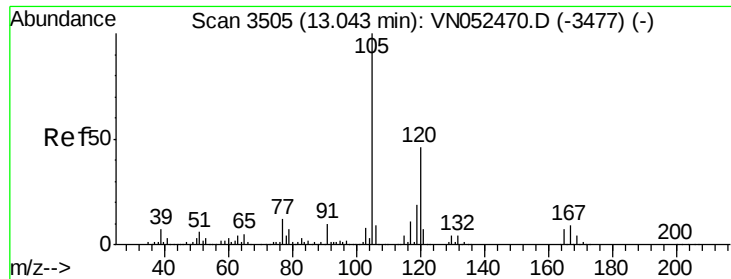
Tot Ion:105 Resp: 11308
 Ion Ratio Lower Upper
 105 100
 120 52.6 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.561 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN052574.D
 Acq: 29 Nov 2018 19:18

Tgt Ion: 75 Resp: 383488
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.4 116.0#
 89 0.0 35.4 53.2#

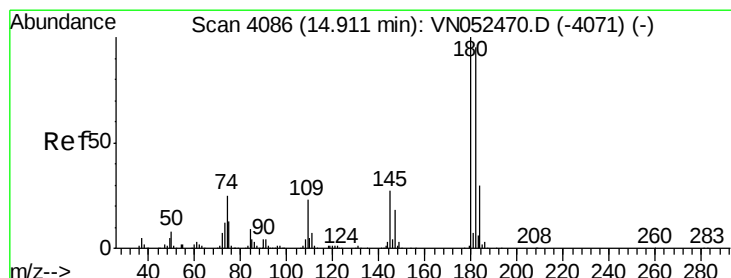
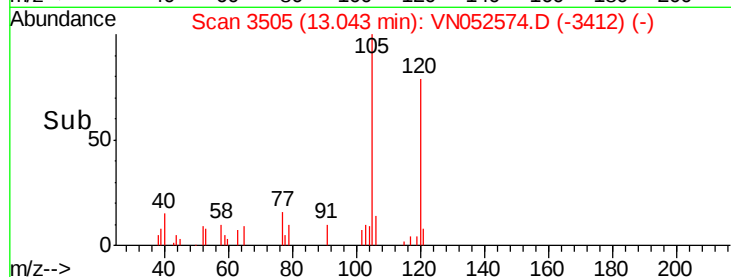
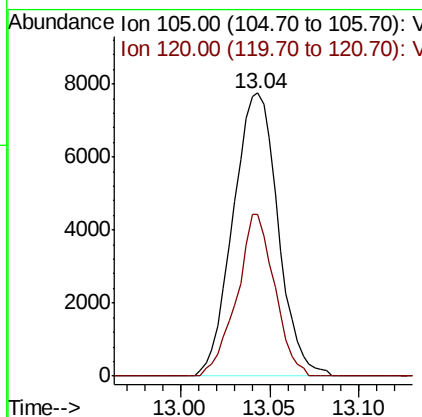
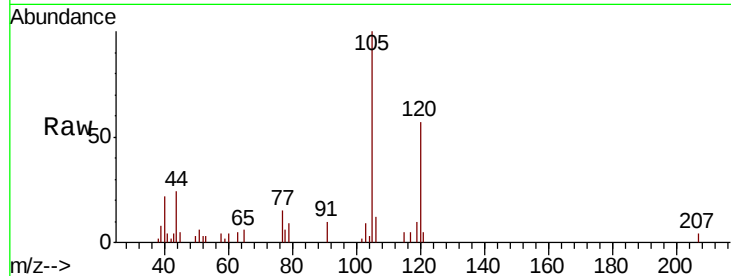




#84
 1,2,4-Trimethylbenzene
 Concen: 0.312 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN052574.D
 Acq: 29 Nov 2018 19:18

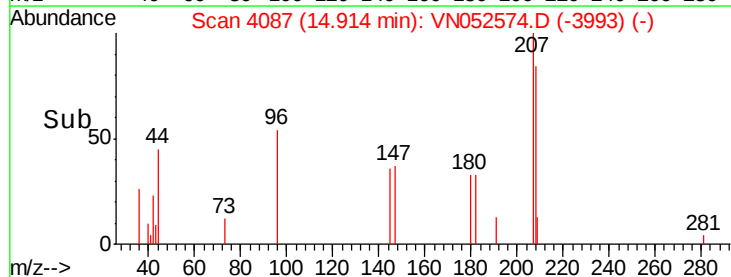
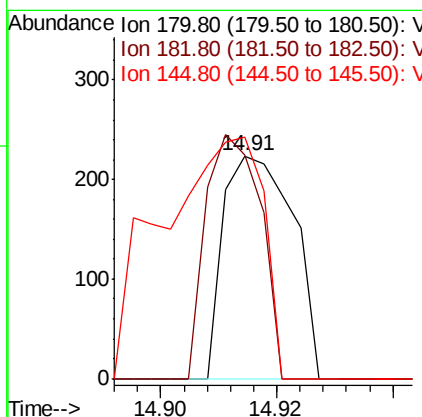
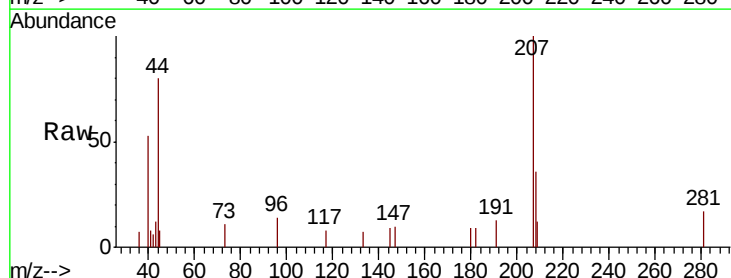
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-112818-C

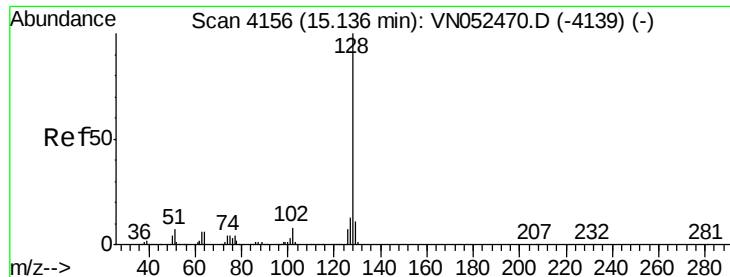
Tot Ion:105 Resp: 13584
 Ion Ratio Lower Upper
 105 100
 120 48.0 22.8 68.4



#93
 1,2,4-Trichlorobenzene
 Concen: 2.844 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN052574.D
 Acq: 29 Nov 2018 19:18

Tgt Ion:180 Resp: 186
 Ion Ratio Lower Upper
 180 100
 182 86.0 47.8 143.4
 145 159.1 14.1 42.3#





#95

Naphthalene

Concen: 4.123 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052574.D

Acq: 29 Nov 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-C

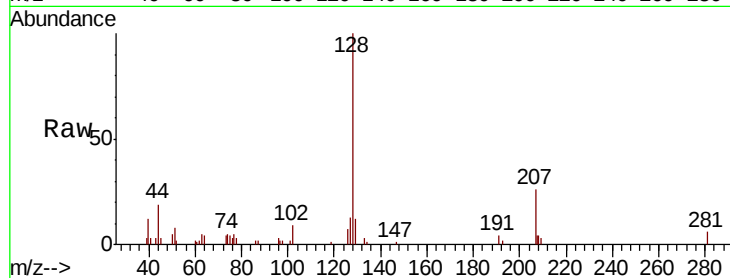
Tot Ion:128 Resp: 19508

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

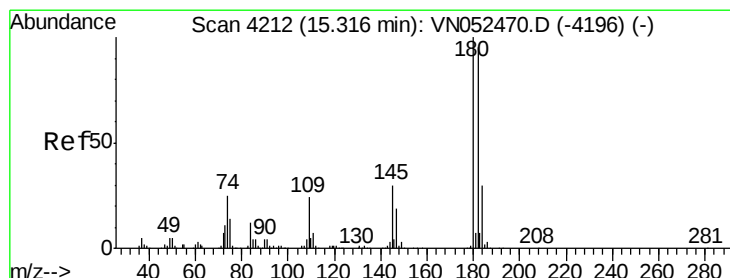
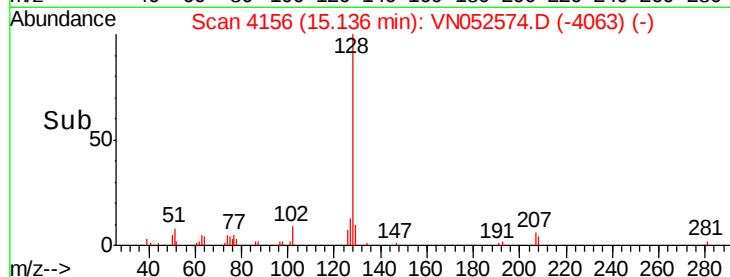
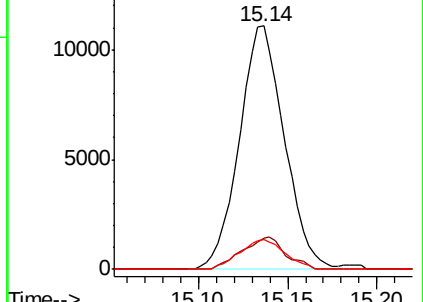
129 12.2 8.7 13.1



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: 2.735 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN052574.D

Acq: 29 Nov 2018 19:18

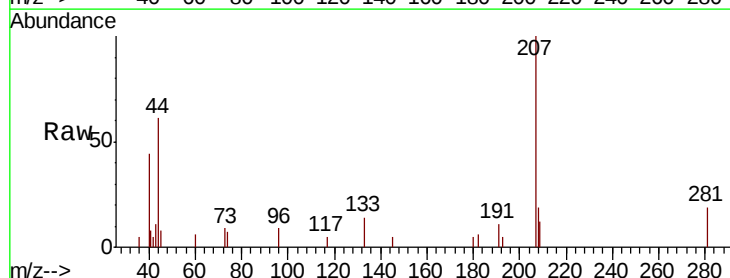
Tgt Ion:180 Resp: 95

Ion Ratio Lower Upper

180 100

182 112.6 47.8 143.3

145 108.4 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

