

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054374.D
 Acq On : 17 Mar 2019 9:12
 Operator : JC/SP
 Sample : K1691-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-031519-E

Quant Time: Mar 18 05:10:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1829904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2636436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2227833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	851718	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	899240	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
35) Dibromofluoromethane	7.59	113	802110	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
50) Toluene-d8	10.09	98	3021156	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.40	95	918539	41.80	ug/l	0.00
Spiked Amount			Recovery	=	83.60%	

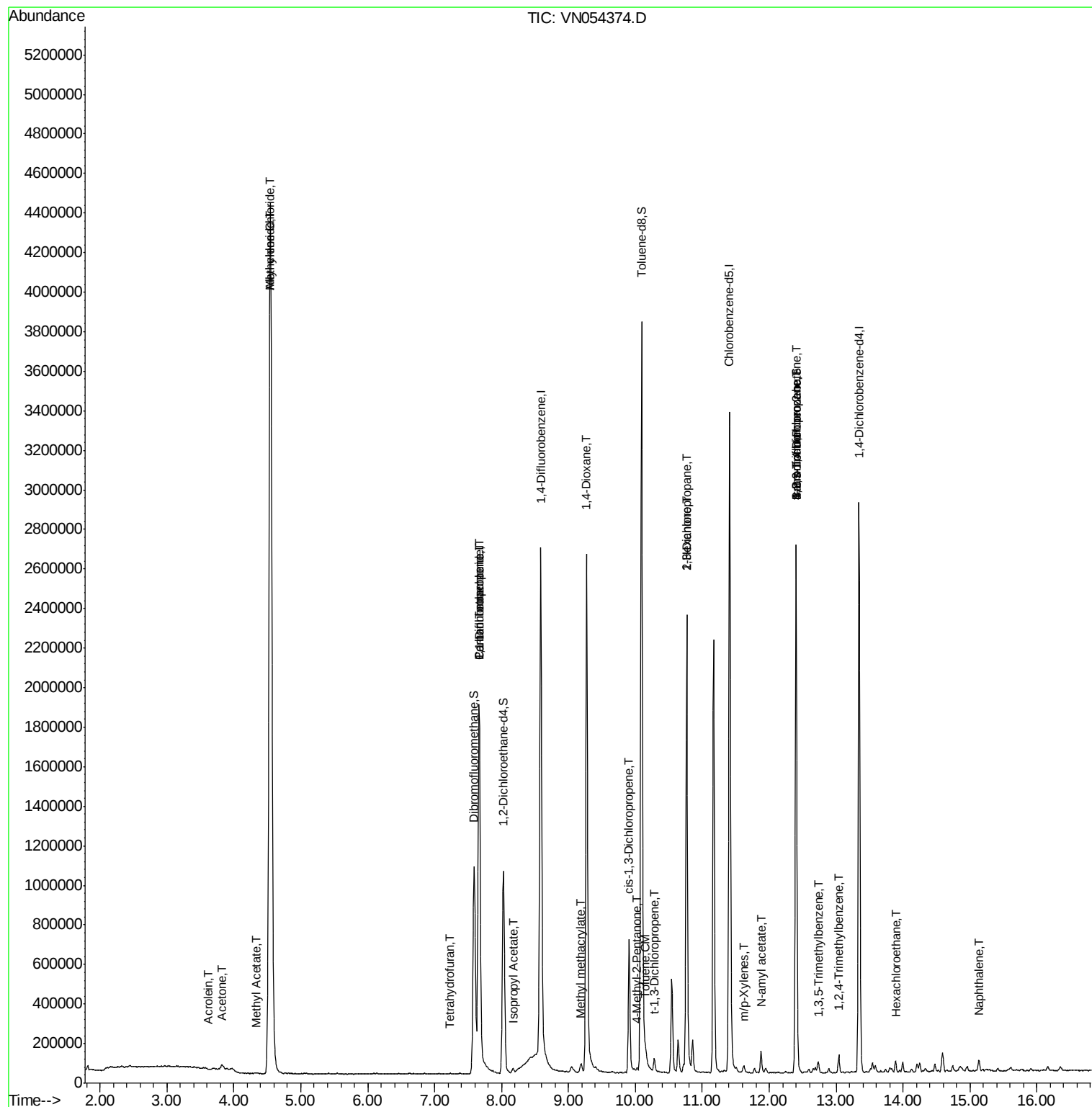
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	672	0.532	ug/l	94
14) Allyl chloride	4.55	41	106667	4.373	ug/l #	21
16) Acetone	3.82	43	31667	5.691	ug/l	91
18) Methyl Acetate	4.34	43	6705	0.596	ug/l #	76
20) Methylene Chloride	4.55	84	3560738	194.889	ug/l	99
29) Tetrahydrofuran	7.22	42	1932	0.460	ug/l #	74
31) Cyclohexane	7.66	56	29432	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	109837	4.524	ug/l #	48
38) Carbon Tetrachloride	7.66	117	149744	5.881	ug/l #	16
43) Isopropyl Acetate	8.17	43	27543	1.125	ug/l	97
48) Methyl methacrylate	9.18	41	15123	1.217	ug/l #	11
49) 1,4-Dioxane	9.27	88	246	1.400	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	15049	1.161	ug/l #	36
52) Toluene	10.16	92	15012	0.341	ug/l	94
53) t-1,3-Dichloropropene	10.27	75	69	1.988	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	134269	4.931	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	25840	0.982	ug/l #	43
59) 2-Hexanone	10.77	43	341389	39.592	ug/l #	50
68) m/p-Xylenes	11.62	106	12416	0.392	ug/l	99
71) Bromoform	12.40	173	6121	2.781	ug/l #	1
74) N-amyl acetate	11.88	43	34933	2.310	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	442676	35.344	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	29173	0.515	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	442676	120.820	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	54193	0.975	ug/l	100
90) Hexachloroethane	13.89	117	3693	0.376	ug/l #	2
95) Naphthalene	15.13	128	53645	4.806	ug/l	99

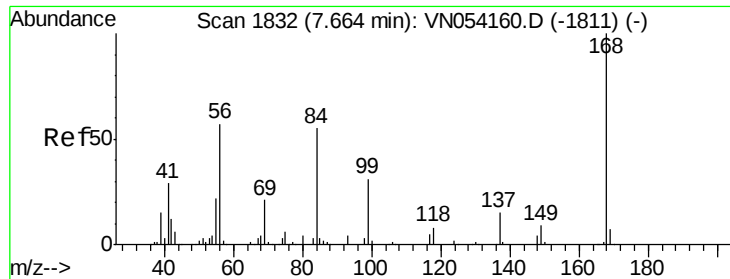
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054374.D
Acq On : 17 Mar 2019 9:12
Operator : JC/SP
Sample : K1691-18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Quant Time: Mar 18 05:10:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
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: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

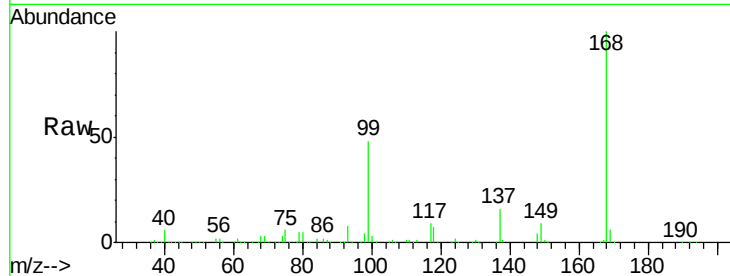
CL-01-031519-E

Tot Ion:168 Resp: 1829904

Ion Ratio Lower Upper

168 100

99 47.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054374.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054374.D (-1739) (-)

7.67

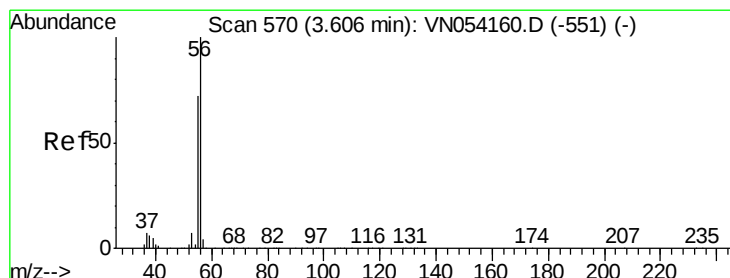
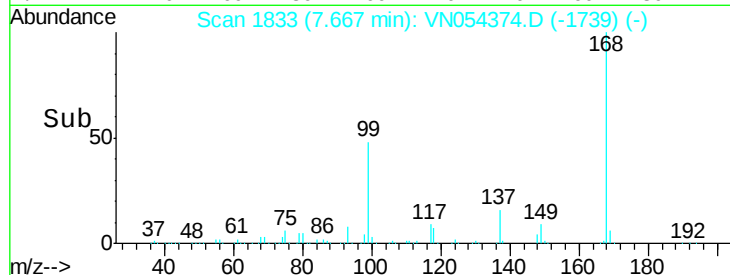
600000

400000

200000

0

Time-->



#13

Acrolein

Concen: 0.532 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN054374.D

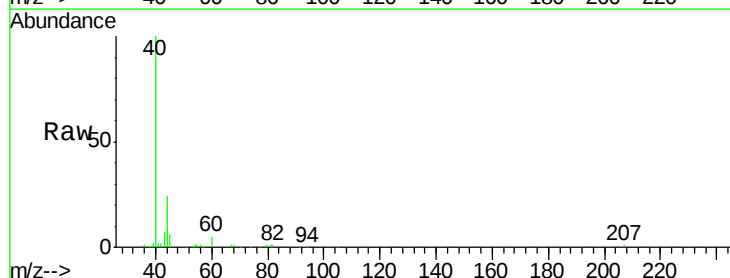
Acq: 17 Mar 2019 9:12

Tgt Ion: 56 Resp: 672

Ion Ratio Lower Upper

56 100

55 75.6 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN054374.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN054374.D (-477) (-)

3.62

800

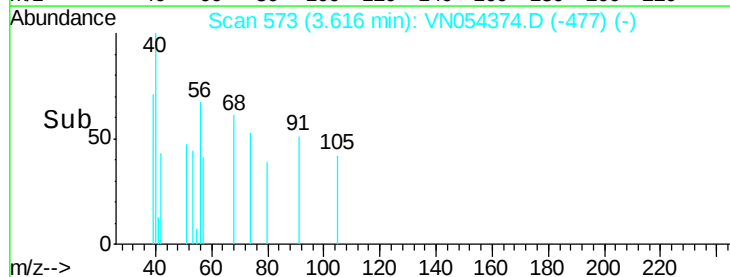
600

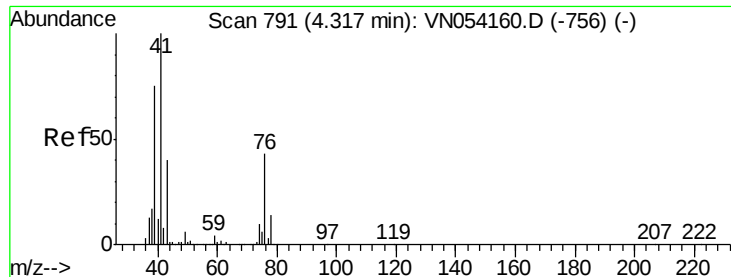
400

200

0

Time-->





#14

Allvl chloride

Concen: 4.373 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.23 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-E

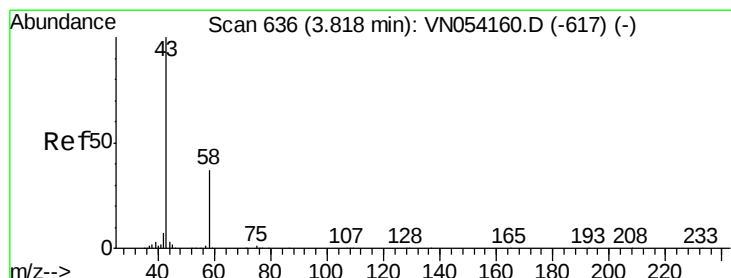
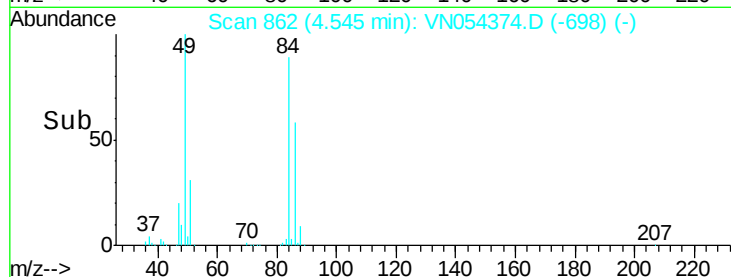
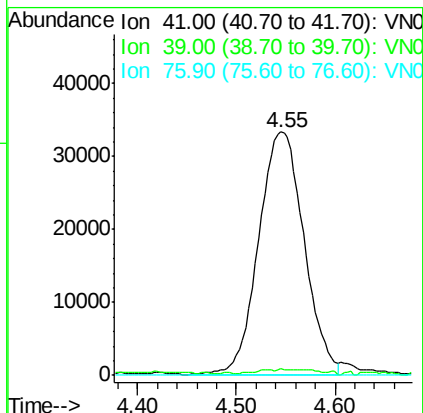
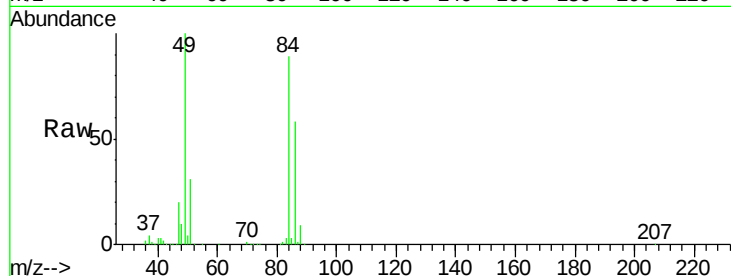
Tot Ion: 41 Resp: 106667

Ion Ratio Lower Upper

41 100

39 0.2 58.2 87.4#

76 0.0 31.7 47.5#



#16

Acetone

Concen: 5.691 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054374.D

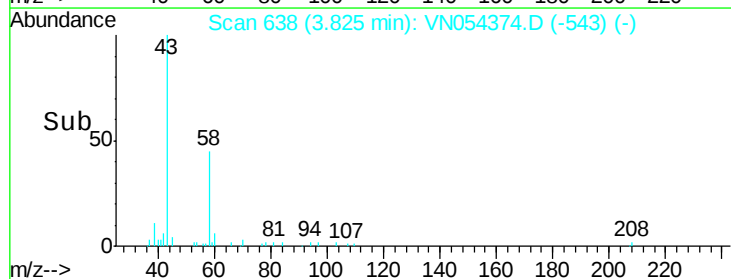
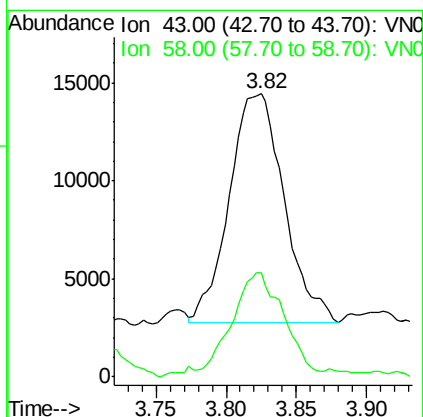
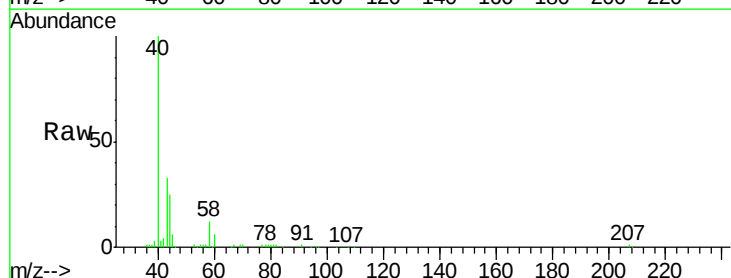
Acq: 17 Mar 2019 9:12

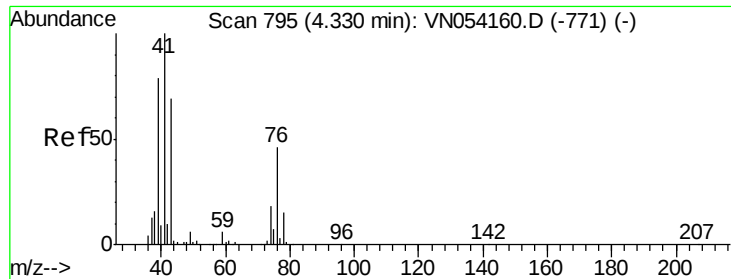
Tgt Ion: 43 Resp: 31667

Ion Ratio Lower Upper

43 100

58 42.9 29.9 44.9

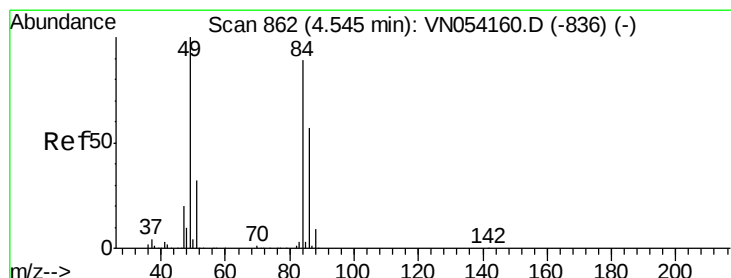
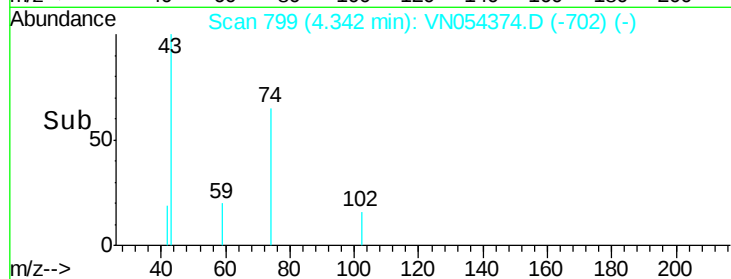
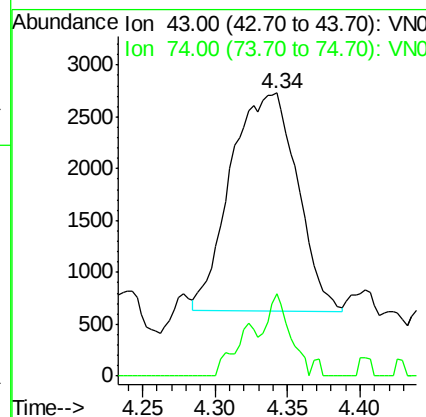
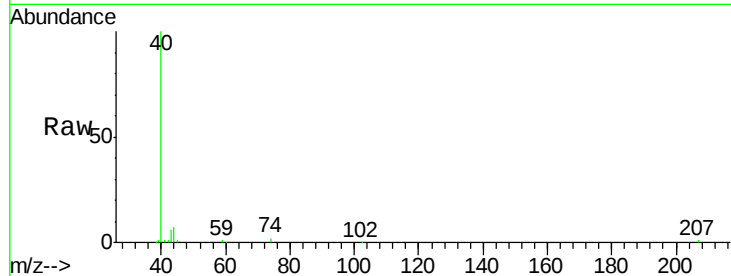




#18
Methvl Acetate
Concen: 0.596 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.01 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

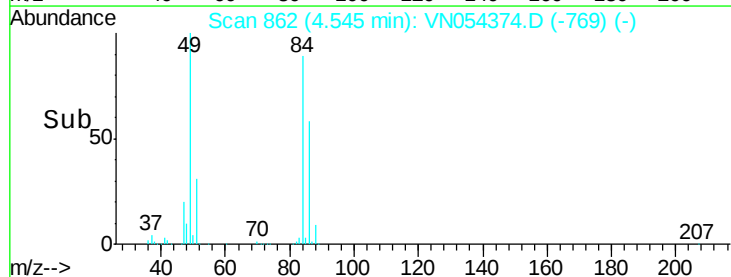
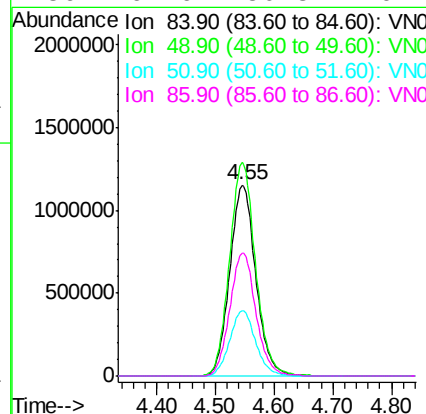
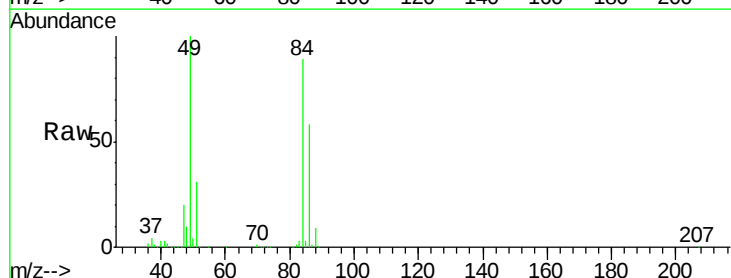
Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

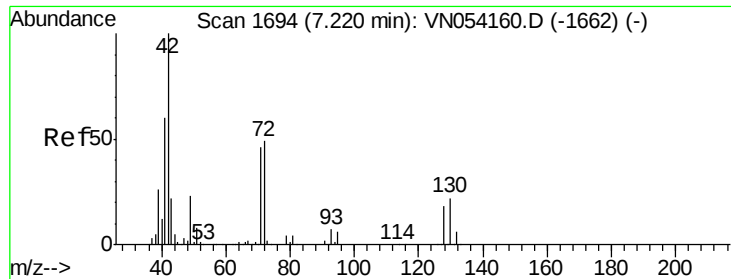
Tot Ion: 43 Resp: 6705
Ion Ratio Lower Upper
43 100
74 13.5 20.8 31.2#



#20
Methylene Chloride
Concen: 194.889 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 84 Resp: 3560738
Ion Ratio Lower Upper
84 100
49 112.0 89.7 134.5
51 34.3 28.2 42.4
86 64.6 50.8 76.2





#29

Tetrahydrofuran

Concen: 0.460 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-E

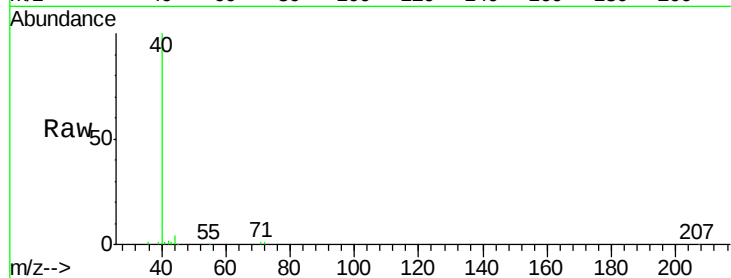
Tot Ion: 42 Resp: 1932

Ion Ratio Lower Upper

42 100

72 27.7 37.8 56.6#

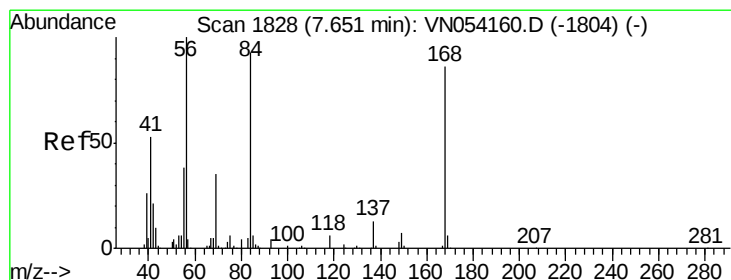
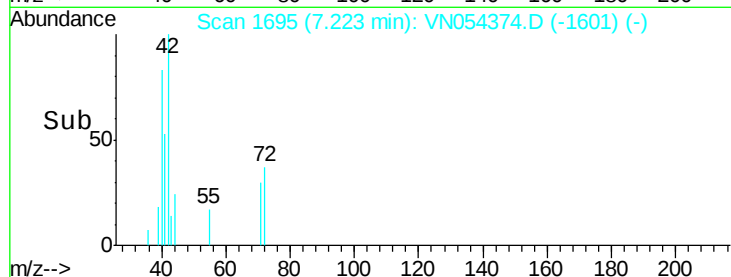
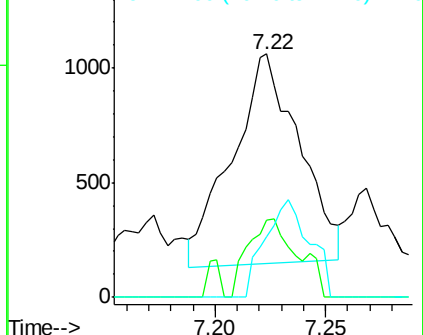
71 30.7 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

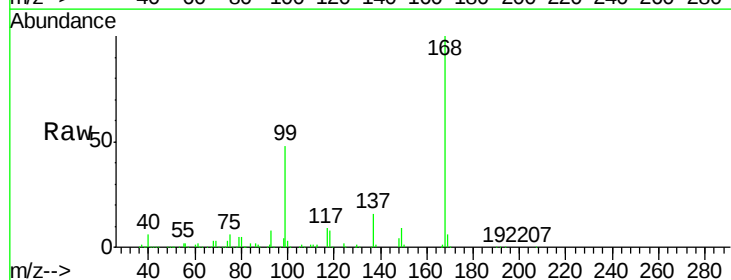
Tgt Ion: 56 Resp: 29432

Ion Ratio Lower Upper

56 100

69 172.7 27.8 41.6#

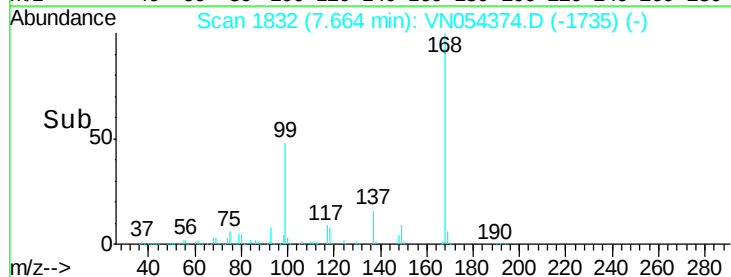
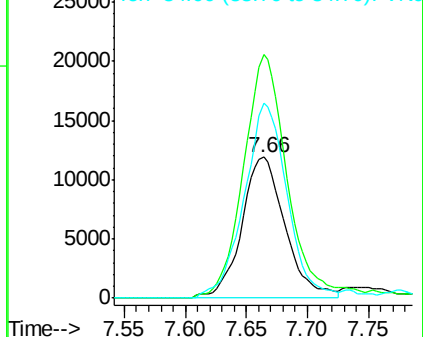
84 138.3 74.6 111.8#

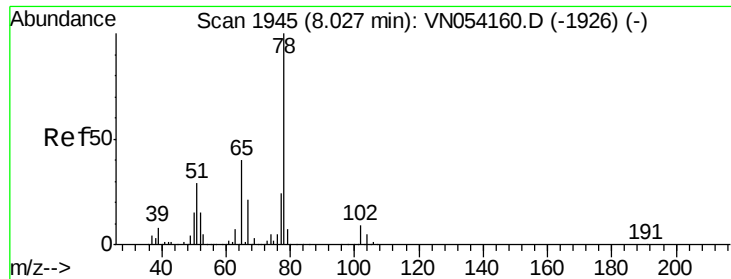


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 46.272 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

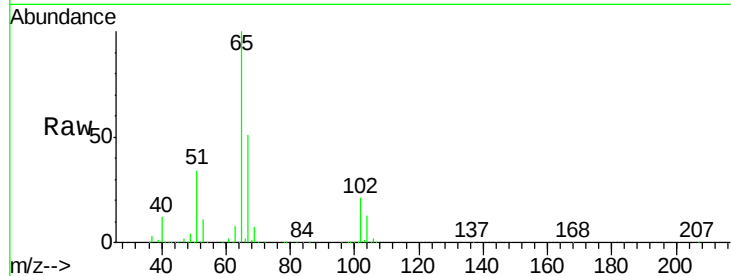
CL-01-031519-E

Tot Ion: 65 Resp: 899240

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054374.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054374.D (-1852) (-)

8.03

400000

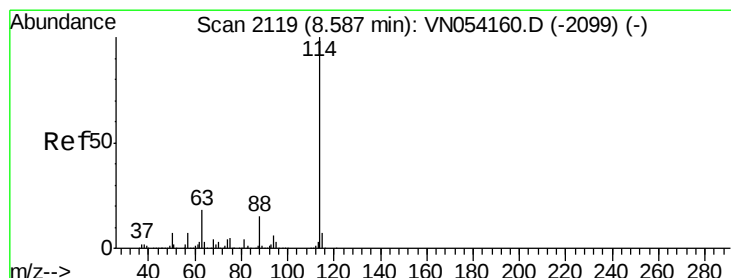
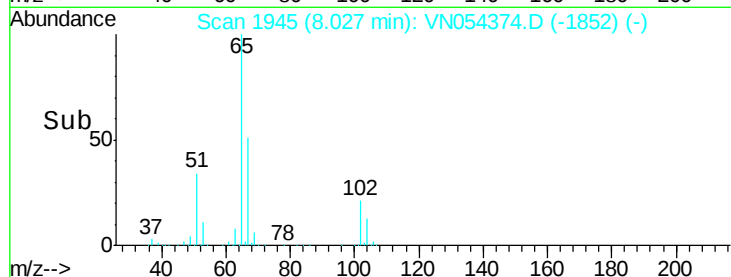
300000

200000

100000

0

Time--> 7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

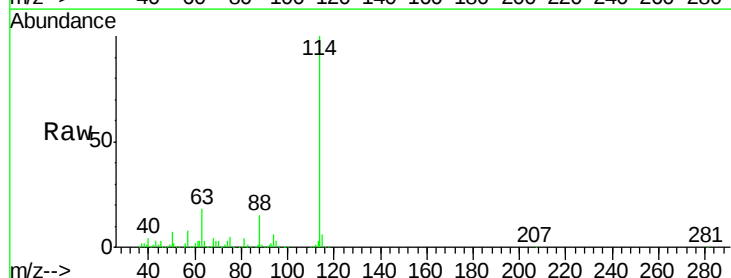
Tgt Ion: 114 Resp: 2636436

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

88 14.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054374.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054374.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054374.D (-2026) (-)

8.59

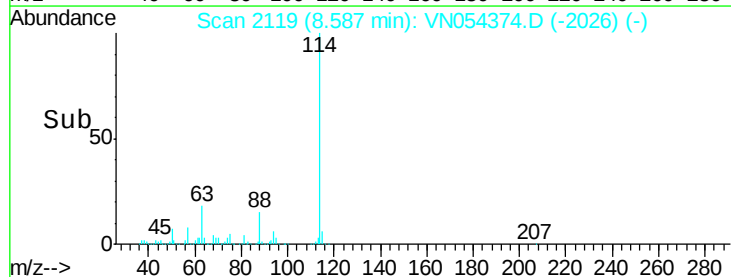
1500000

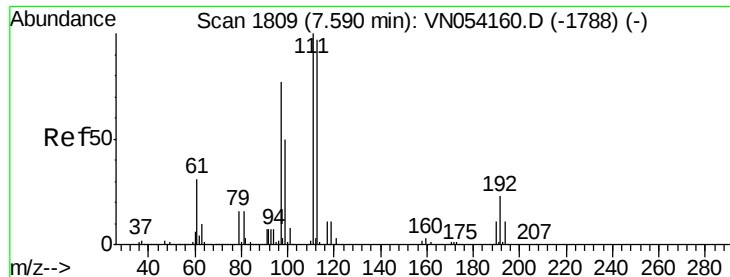
1000000

500000

0

Time--> 8.40 8.60 8.80

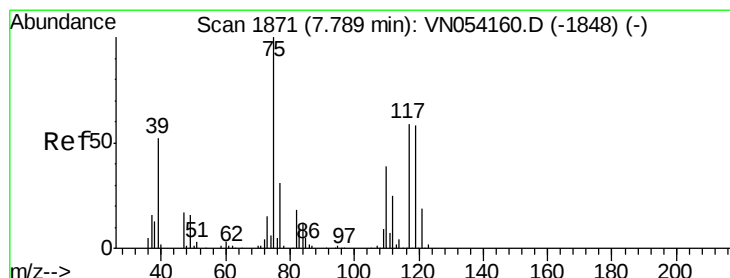
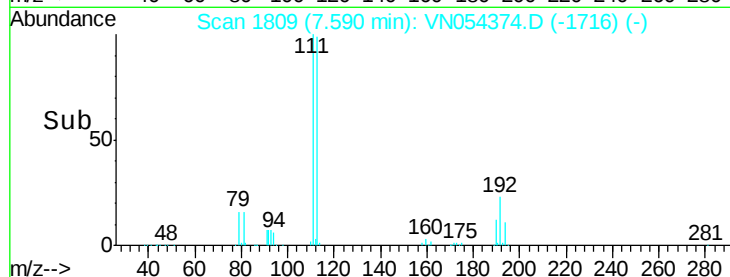
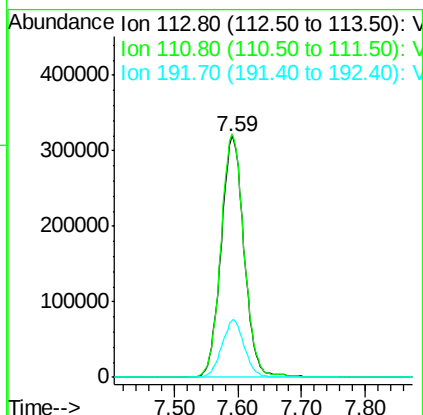
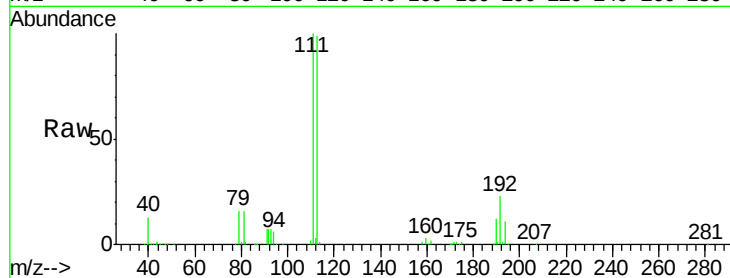




#35
 Dibromofluoromethane
 Concen: 47.172 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054374.D
 Acq: 17 Mar 2019 9:12

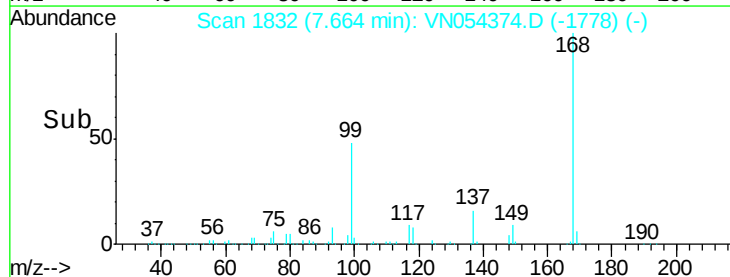
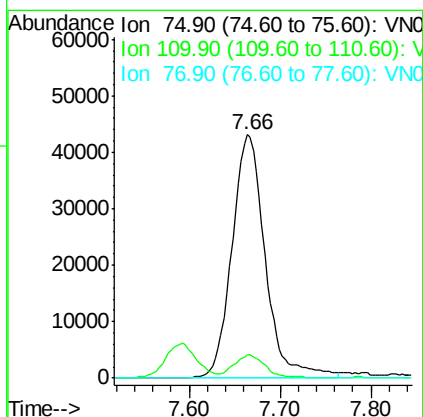
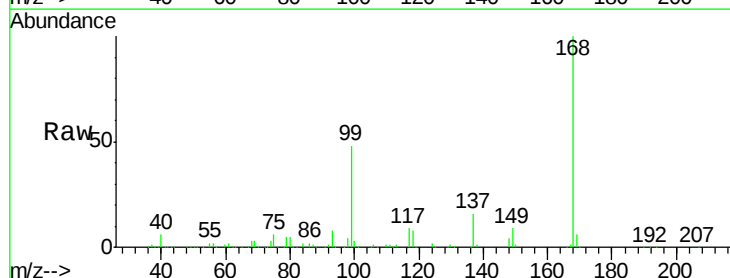
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-031519-E

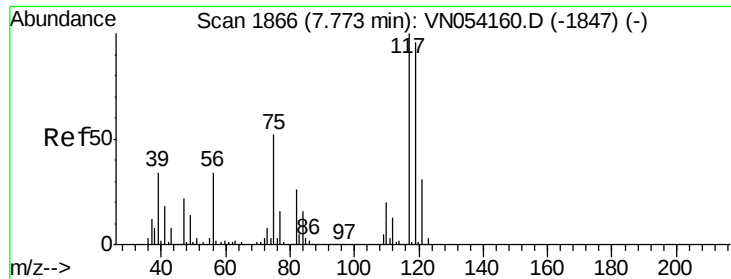
Tot Ion:113 Resp: 802110
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 23.3 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 4.524 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054374.D
 Acq: 17 Mar 2019 9:12

Tgt Ion: 75 Resp: 109837
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.1 57.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.881 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampled :

CL-01-031519-E

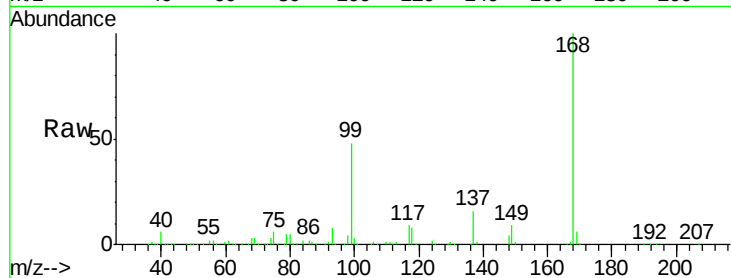
Tot Ion:117 Resp: 149744

Ion Ratio Lower Upper

117 100

119 5.2 76.3 114.5#

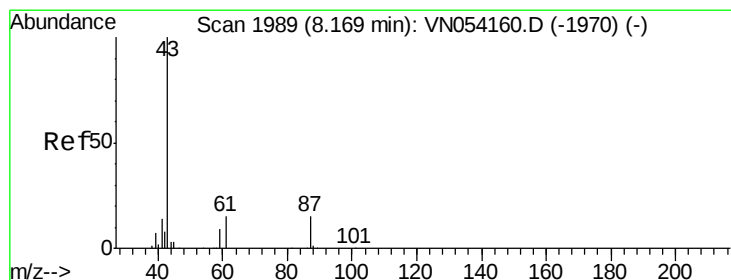
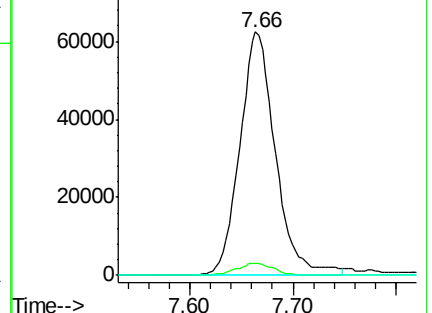
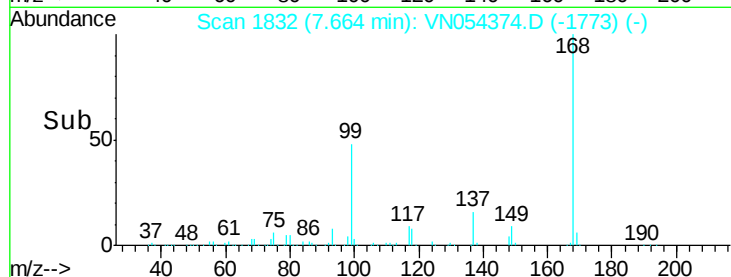
121 0.0 24.6 36.8#



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: 1.125 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

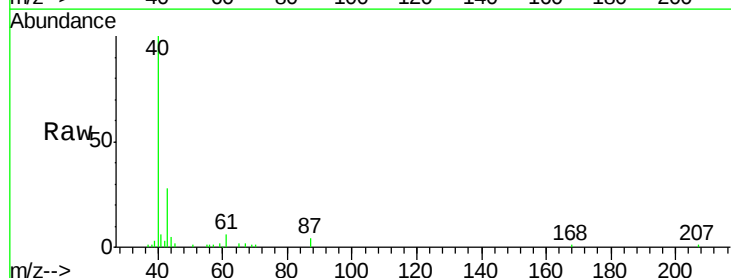
Tgt Ion: 43 Resp: 27543

Ion Ratio Lower Upper

43 100

61 21.9 15.8 23.8

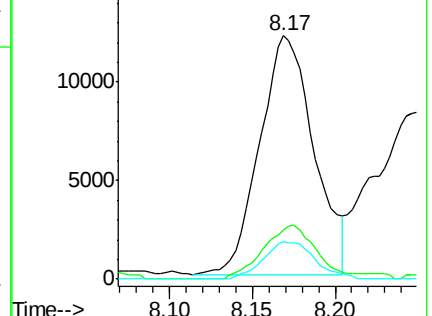
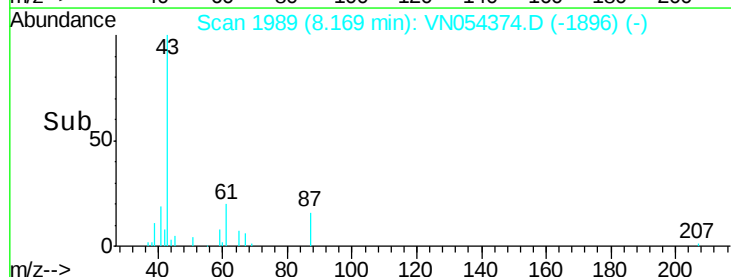
87 14.9 12.0 18.0

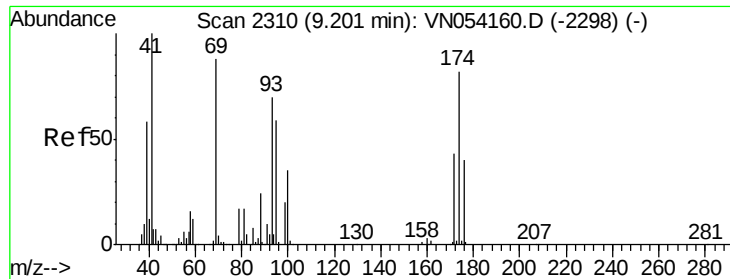


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

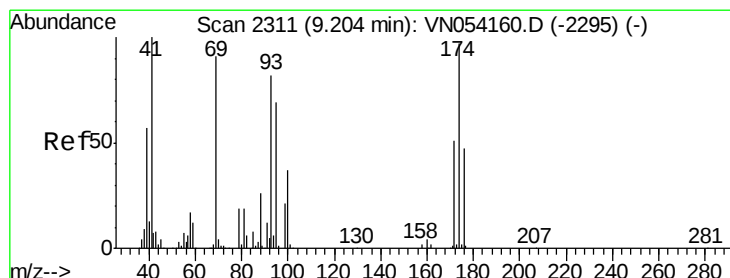
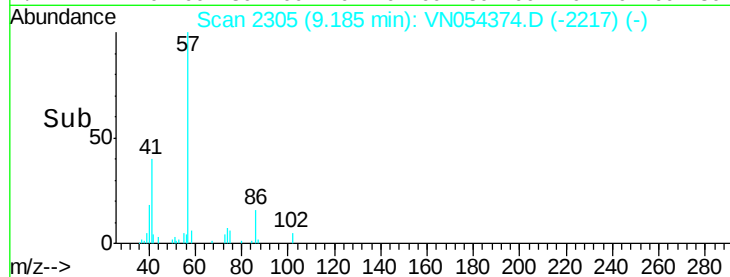
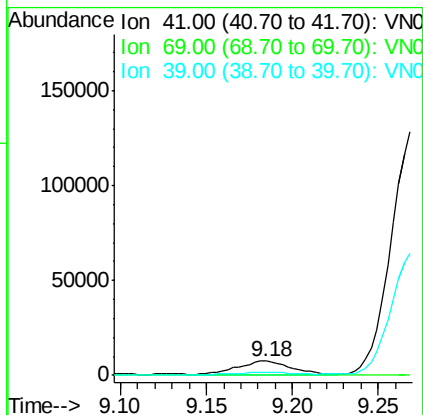
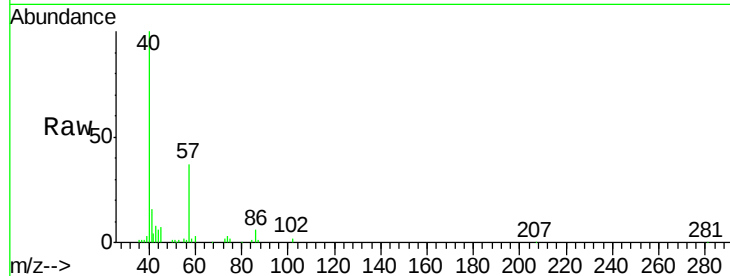




#48
Methyl methacrylate
Concen: 1.217 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

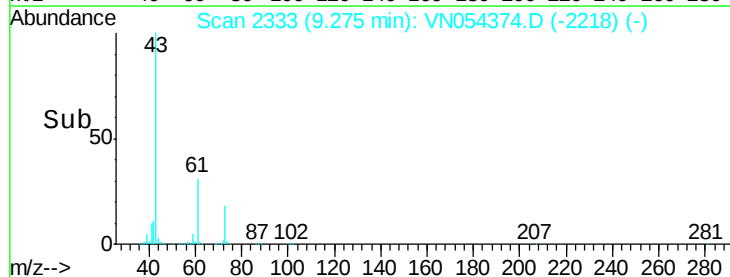
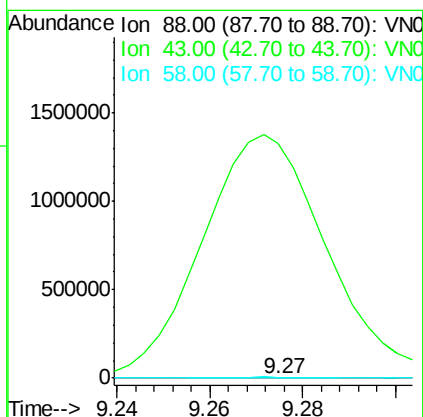
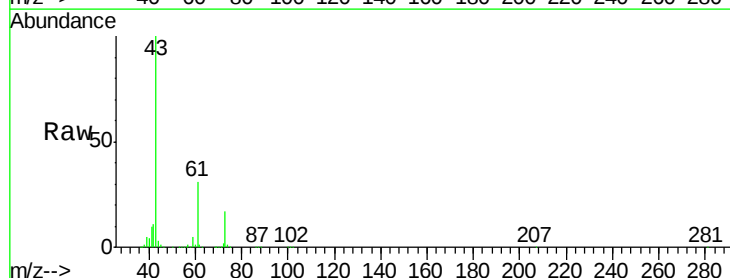
Instrument :
MSVOA_N
ClientSampled :
CL-01-031519-E

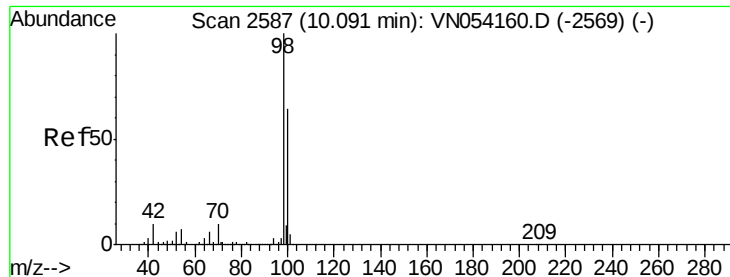
Tot Ion: 41 Resp: 15123
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 1.400 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 88 Resp: 246
Ion Ratio Lower Upper
88 100
43 1113227.6 24.1 36.1#
58 5309.3 50.8 76.2#





#50

Toluene-d8

Concen: 48.109 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

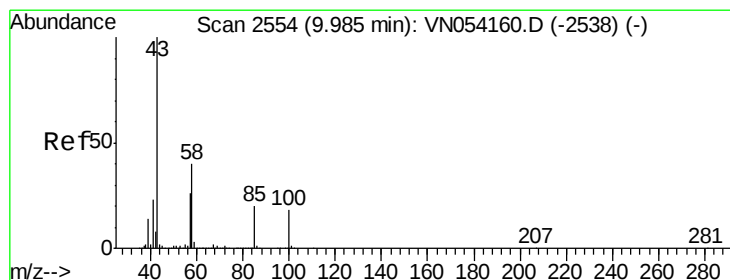
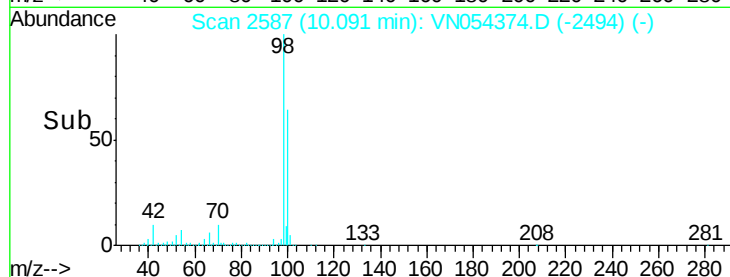
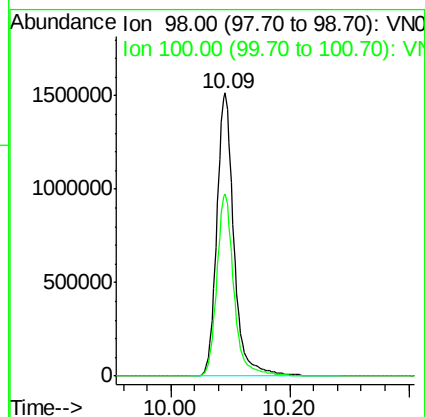
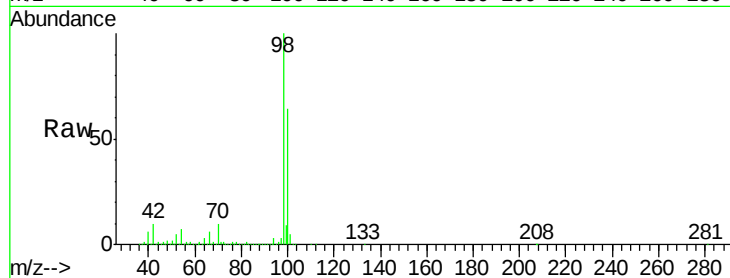
CL-01-031519-E

Tot Ion: 98 Resp: 3021156

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.161 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054374.D

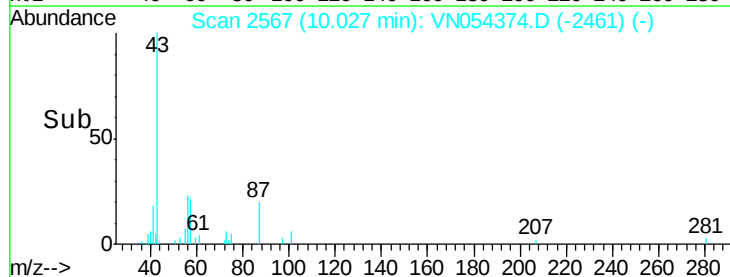
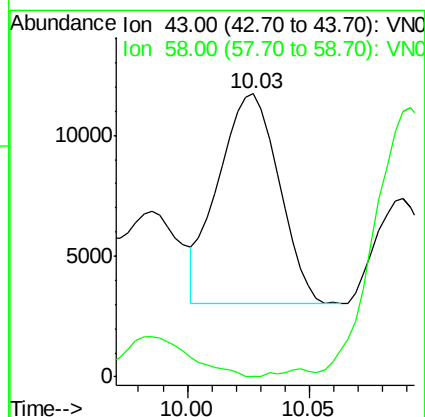
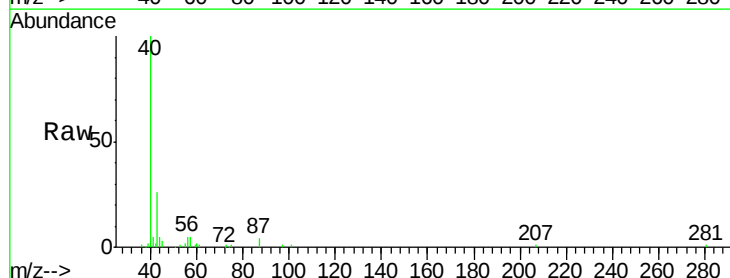
Acq: 17 Mar 2019 9:12

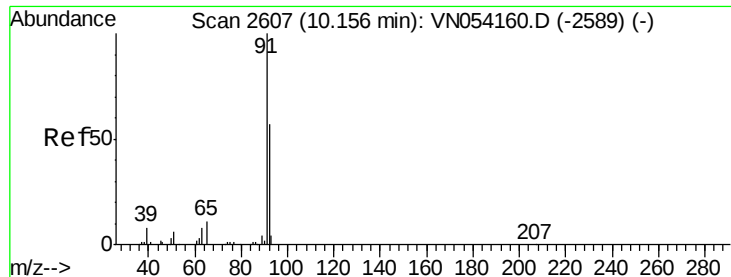
Tgt Ion: 43 Resp: 15049

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#





#52

Toluene

Concen: 0.341 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

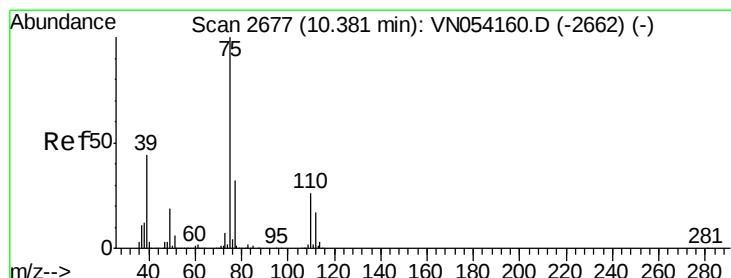
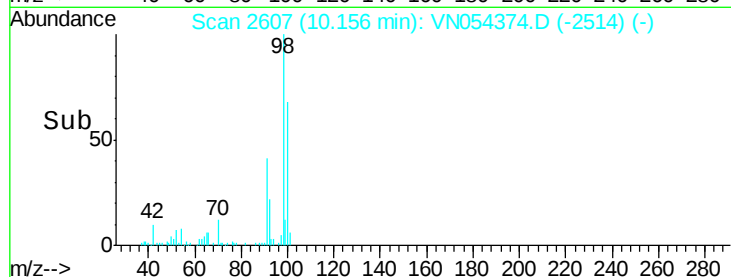
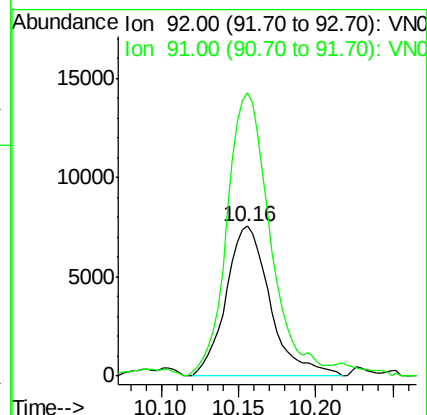
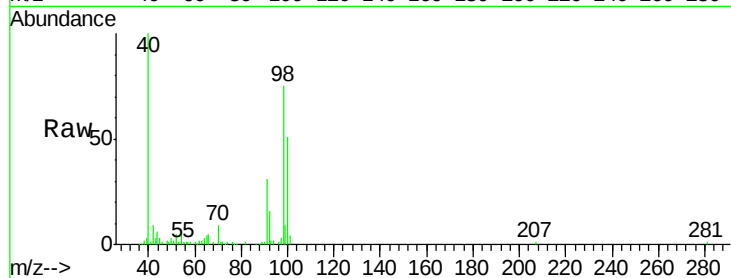
CL-01-031519-E

Tot Ion: 92 Resp: 15012

Ion Ratio Lower Upper

92 100

91 183.8 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 1.988 ug/l

RT: 10.27 min Scan# 2644

Delta R.T. -0.11 min

Lab File: VN054374.D

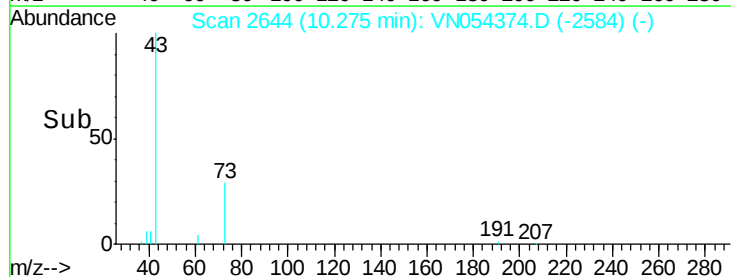
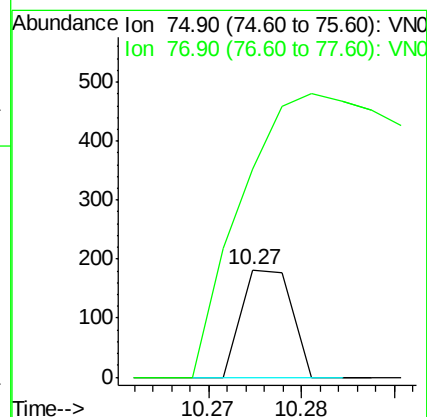
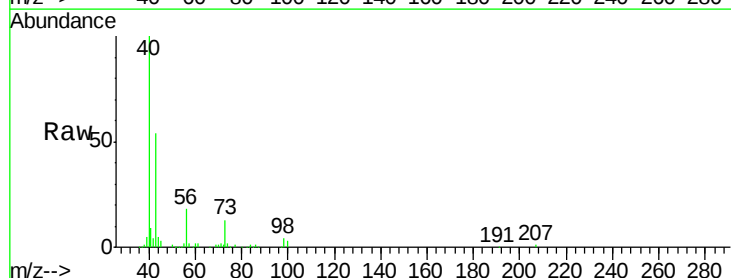
Acq: 17 Mar 2019 9:12

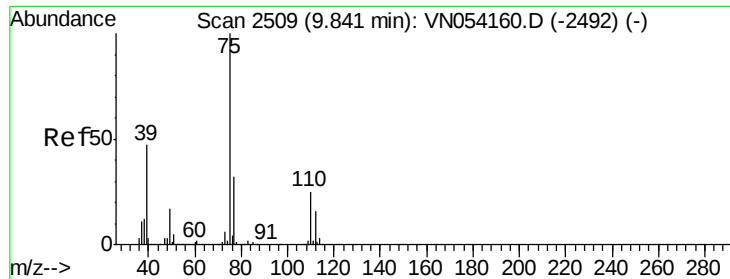
Tgt Ion: 75 Resp: 69

Ion Ratio Lower Upper

75 100

77 194.0 25.8 38.8#





#54

cis-1,3-Dichloropropene

Concen: 4.931 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-E

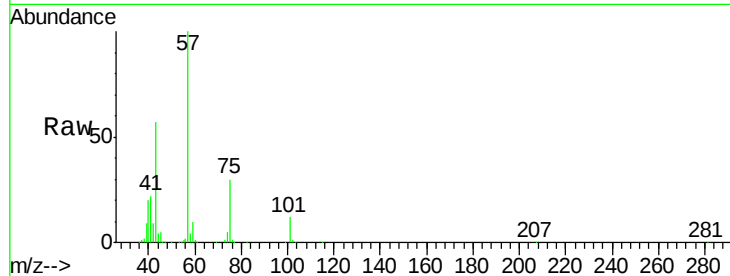
Tot Ion: 75 Resp: 134269

Ion Ratio Lower Upper

75 100

77 0.6 25.4 38.0#

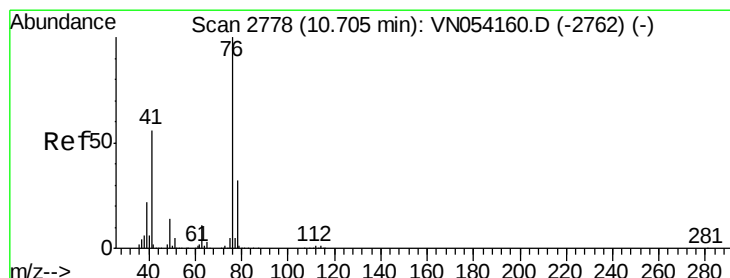
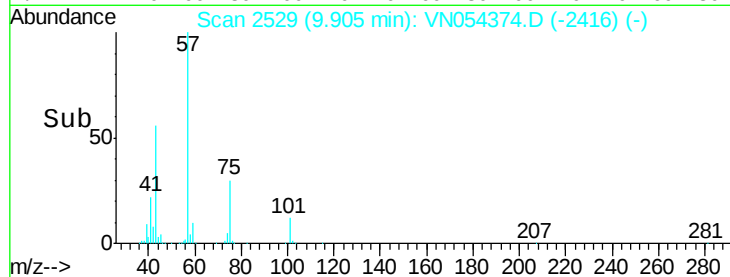
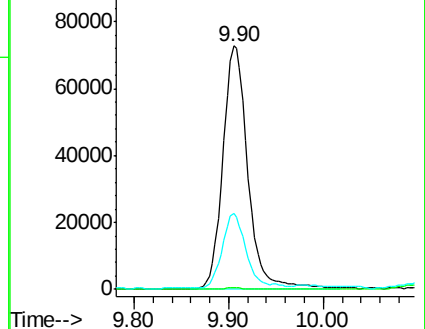
39 30.7 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054374.D (-2416) (-)

Ion 76.90 (76.60 to 77.60): VN054374.D (-2416) (-)

Ion 39.00 (38.70 to 39.70): VN054374.D (-2416) (-)



#57

1,3-Dichloropropane

Concen: 0.982 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054374.D

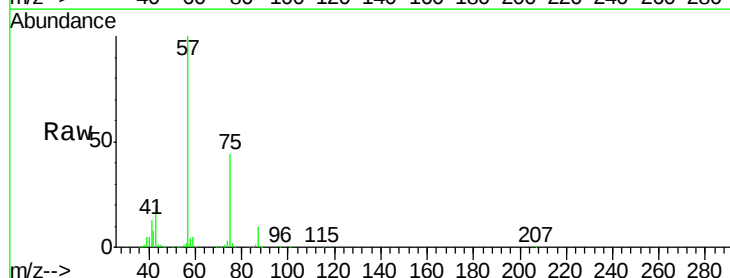
Acq: 17 Mar 2019 9:12

Tgt Ion: 76 Resp: 25840

Ion Ratio Lower Upper

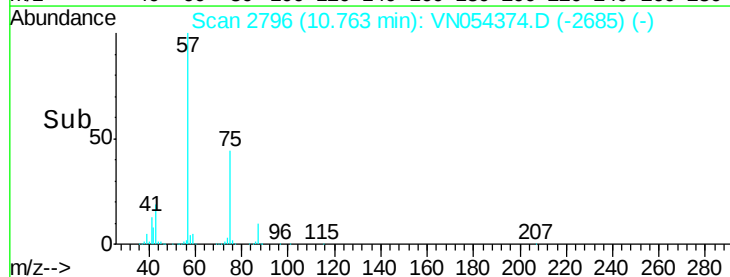
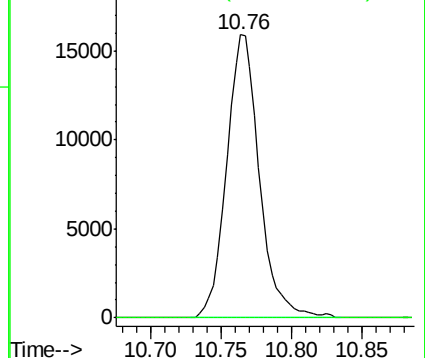
76 100

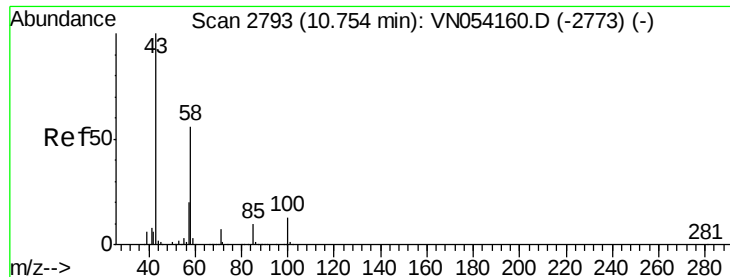
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN054374.D (-2685) (-)

Ion 77.90 (77.60 to 78.60): VN054374.D (-2685) (-)

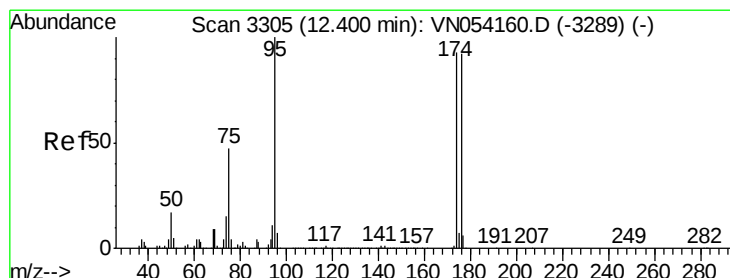
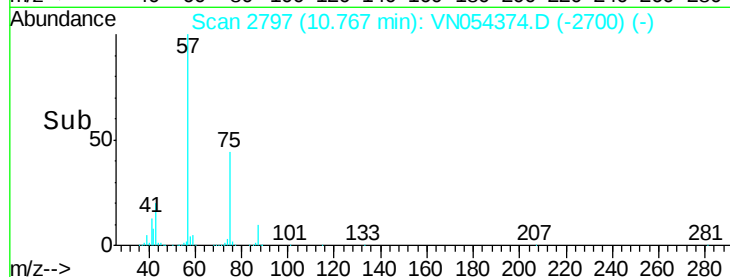
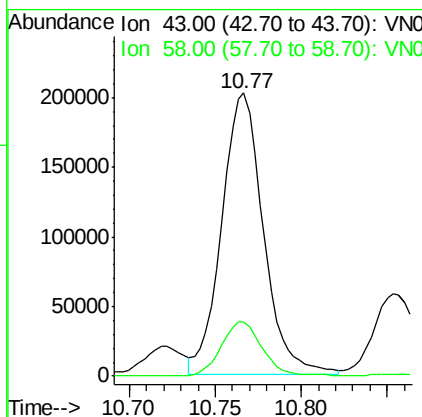
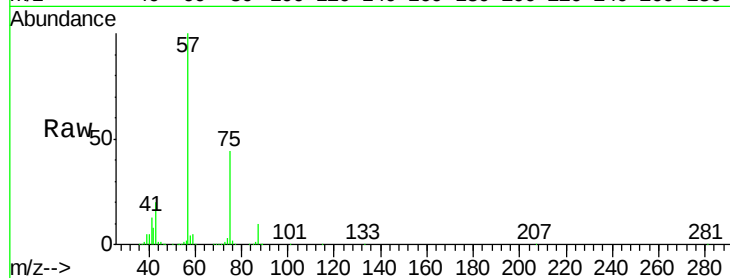




#59
2-Hexanone
Concen: 39.592 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

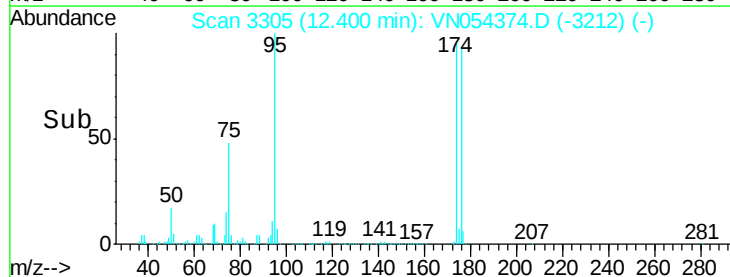
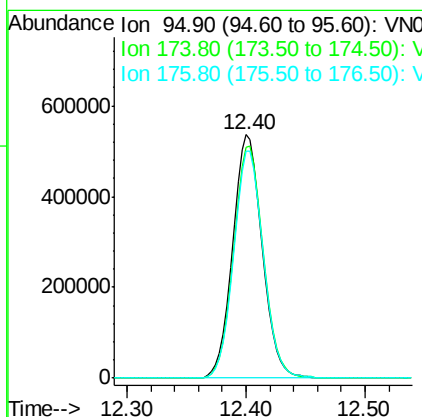
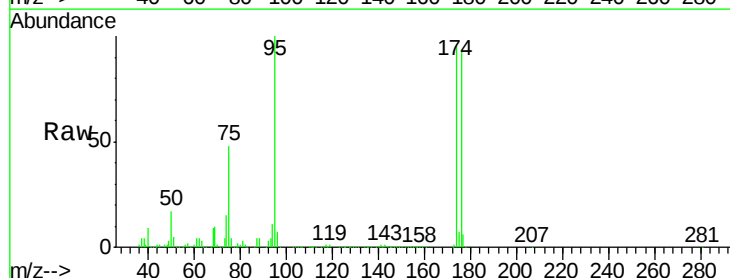
Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

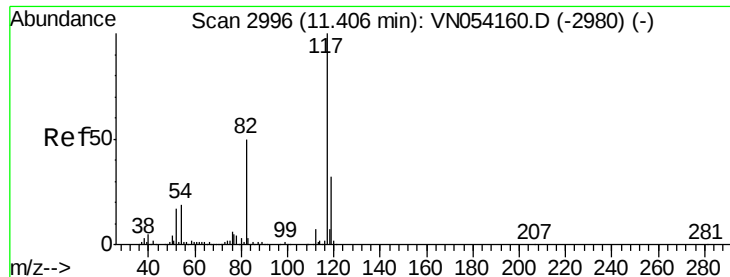
Tot Ion: 43 Resp: 341389
Ion Ratio Lower Upper
43 100
58 19.2 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 41.803 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 95 Resp: 918539
Ion Ratio Lower Upper
95 100
174 96.2 0.0 191.0
176 94.0 0.0 187.4

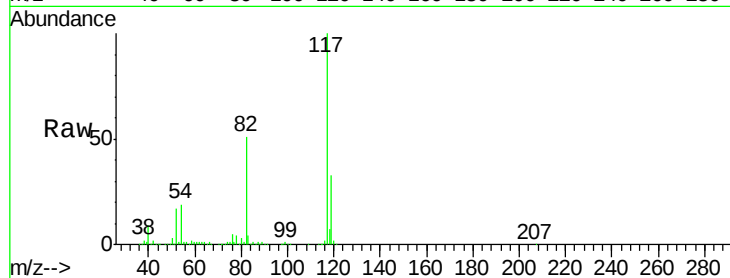




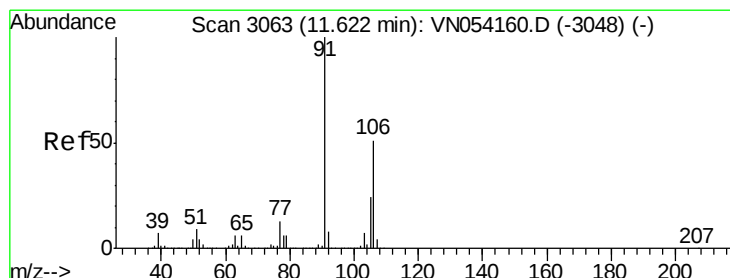
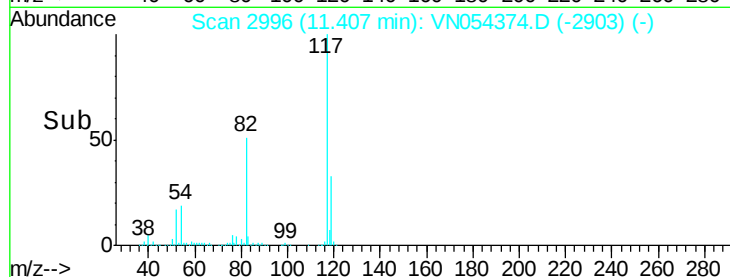
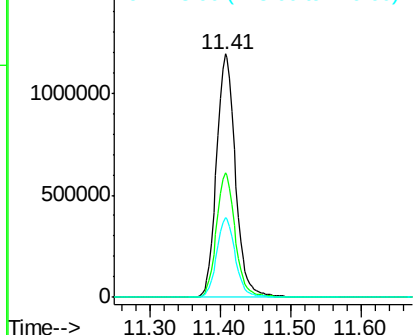
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tot Ion:117 Resp: 2227833
Ion Ratio Lower Upper
117 100
82 51.2 40.0 60.0
119 32.7 25.8 38.6

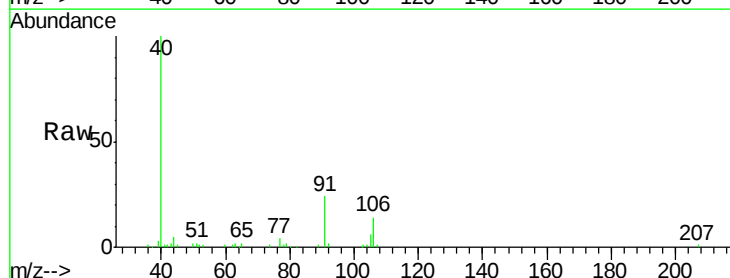


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

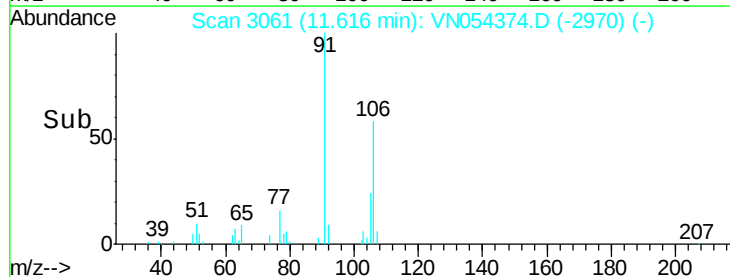
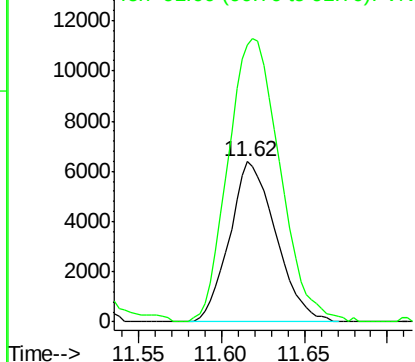


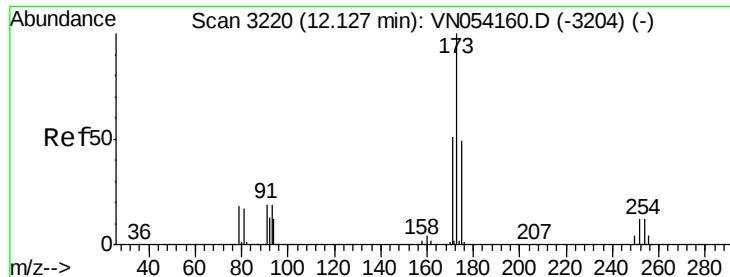
#68
m/p-Xylenes
Concen: 0.392 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion:106 Resp: 12416
Ion Ratio Lower Upper
106 100
91 197.3 159.4 239.2



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





#71

Bromoform

Concen: 2.781 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-E

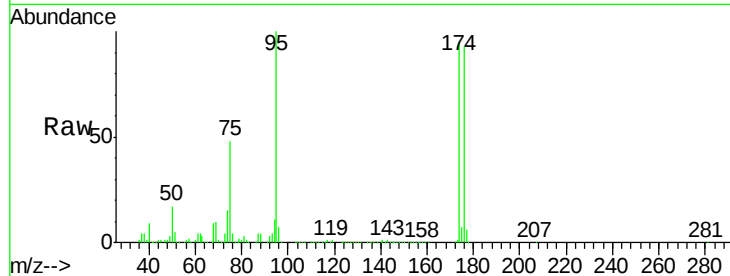
Tot Ion:173 Resp: 6121

Ion Ratio Lower Upper

173 100

175 881.6 24.4 73.2#

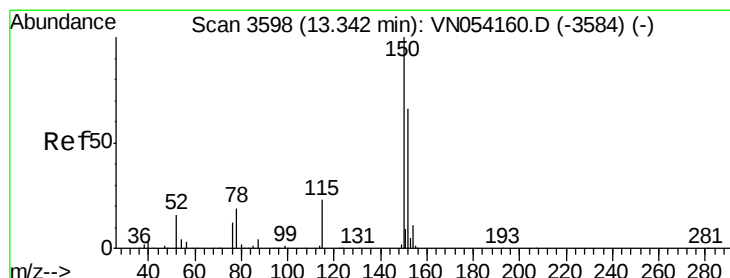
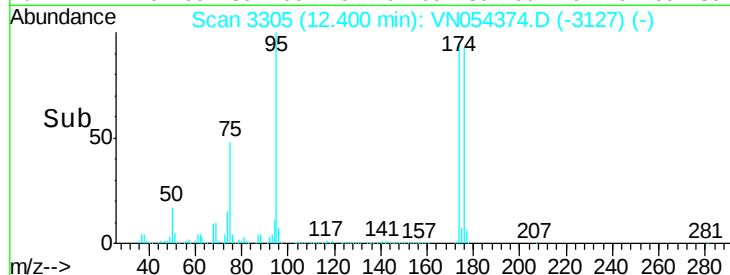
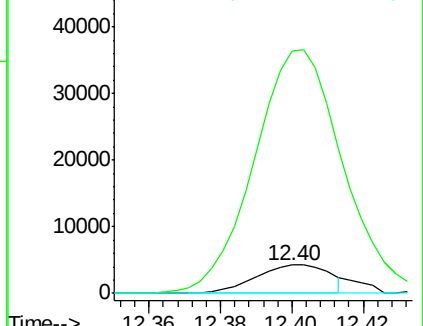
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

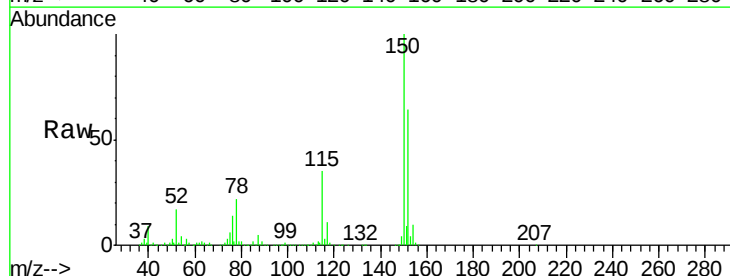
Tgt Ion:152 Resp: 851718

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

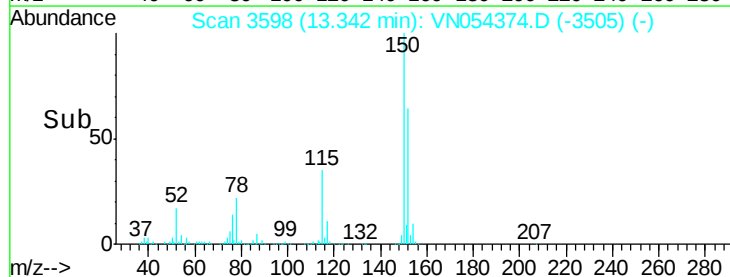
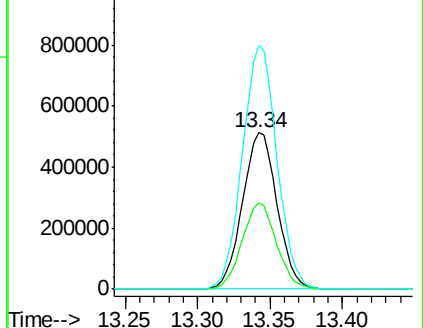
150 155.7 0.0 349.2

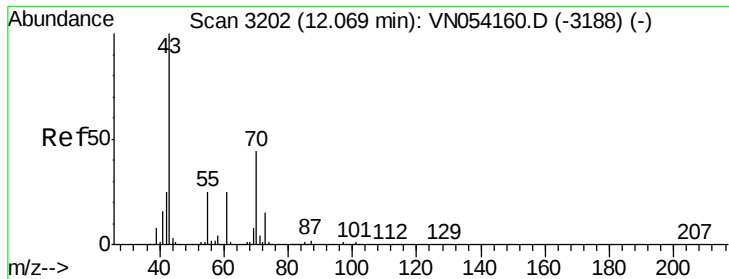


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 2.310 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-E

Tot Ion: 43 Resp: 34933

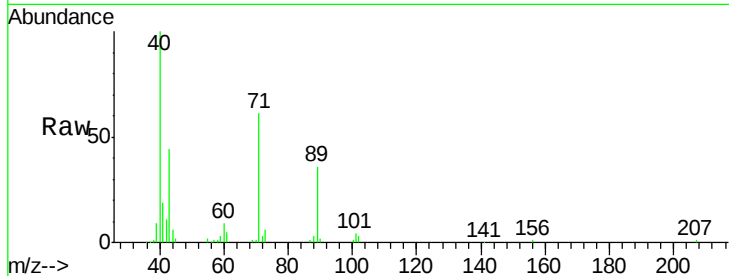
Ion Ratio Lower Upper

43 100

70 2.1 35.4 53.0#

55 7.6 19.8 29.6#

61 11.2 19.8 29.6#

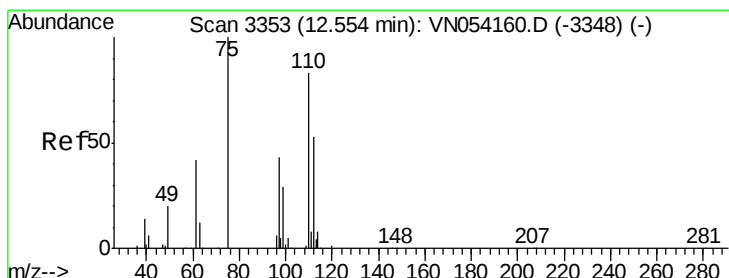
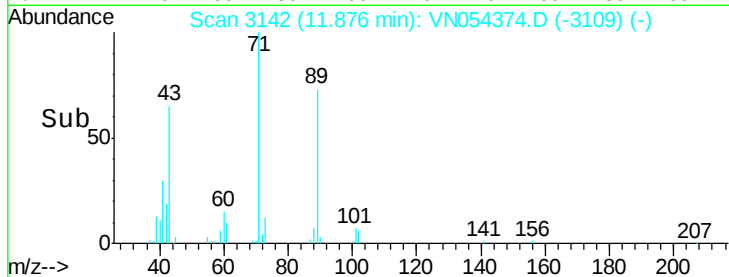
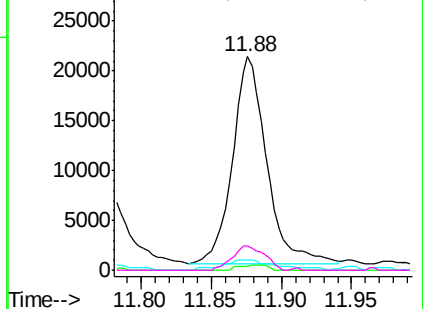


Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 70.00 (69.70 to 70.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

Ion 61.00 (60.70 to 61.70): VNC



#76

1,2,3-Trichloropropane

Concen: 35.344 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054374.D

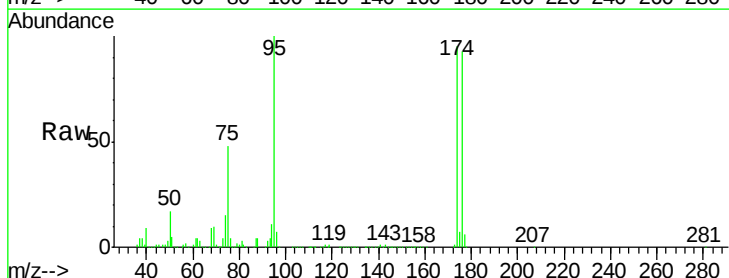
Acq: 17 Mar 2019 9:12

Tgt Ion: 75 Resp: 442676

Ion Ratio Lower Upper

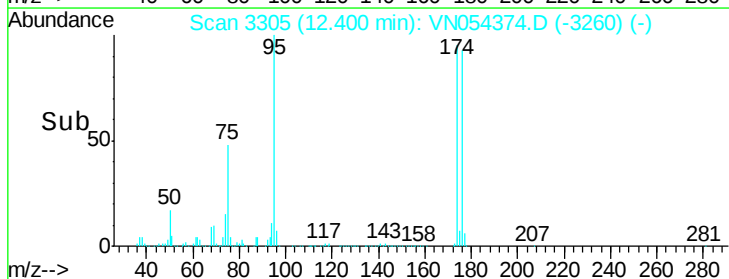
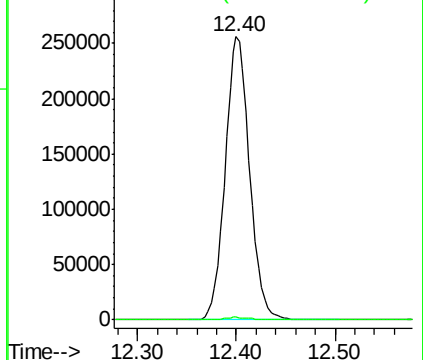
75 100

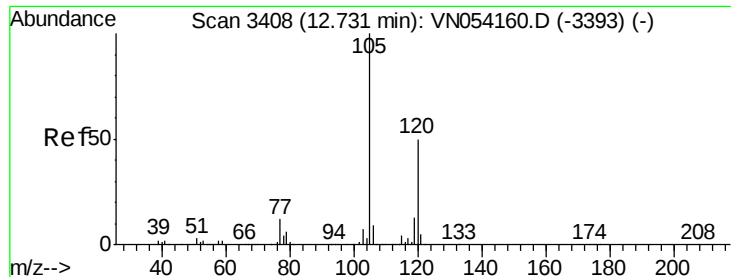
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC

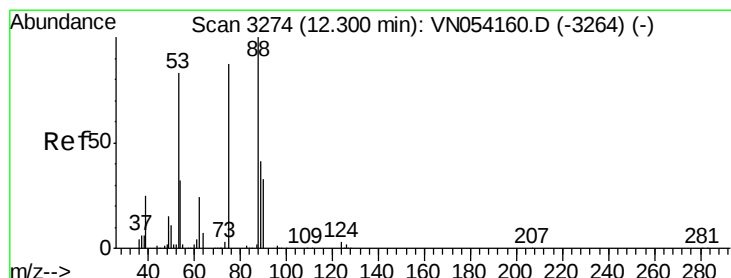
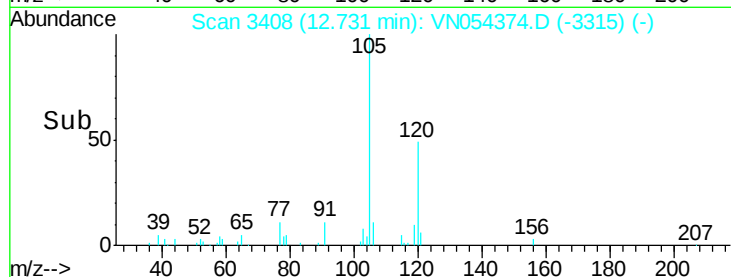
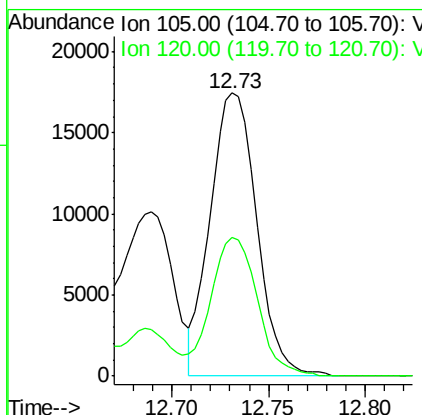
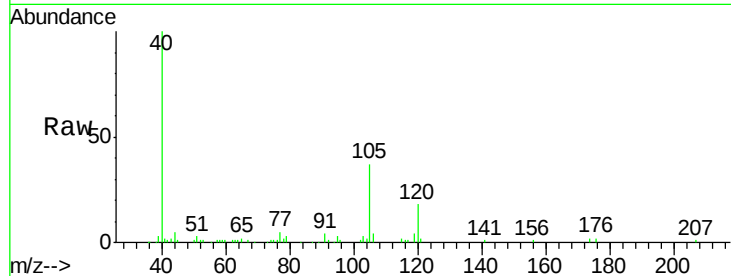




#80
 1,3,5-Trimethylbenzene
 Concen: 0.515 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN054374.D
 Acq: 17 Mar 2019 9:12

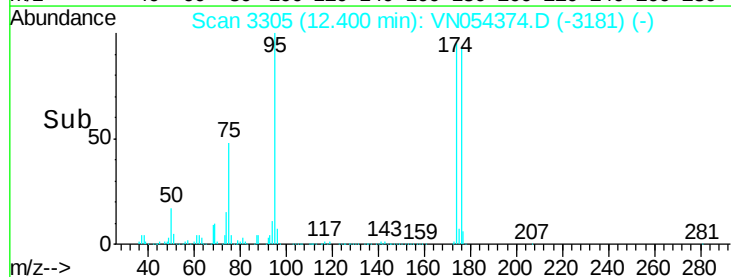
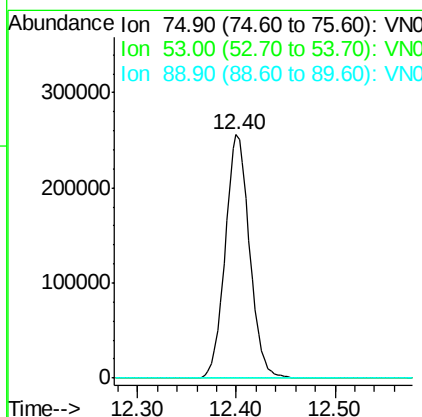
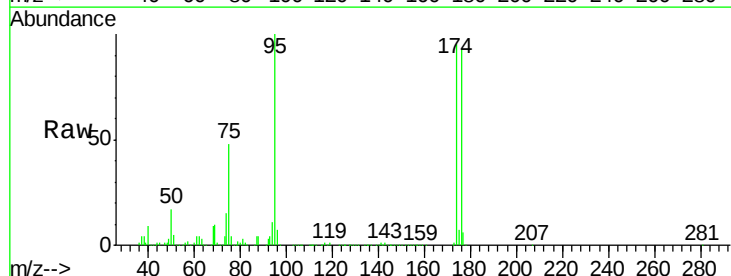
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-031519-E

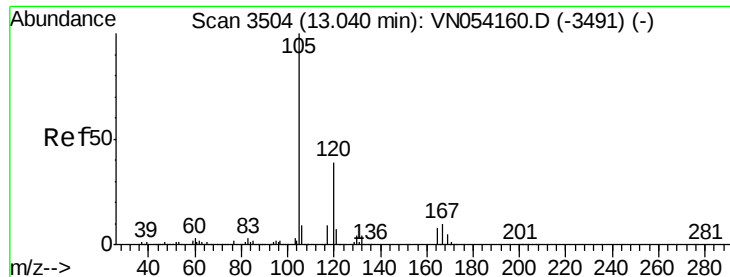
Tot Ion:105 Resp: 29173
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.0 75.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.820 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054374.D
 Acq: 17 Mar 2019 9:12

Tgt Ion: 75 Resp: 442676
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.2 114.2#
 89 0.0 39.2 58.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.975 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

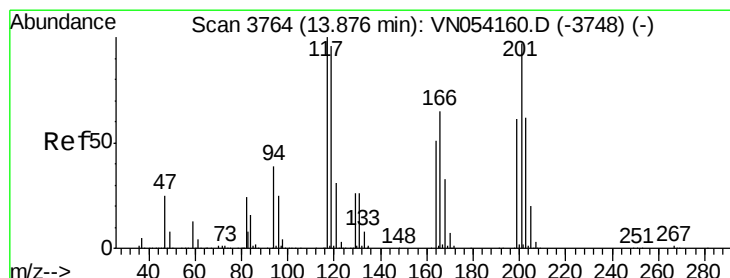
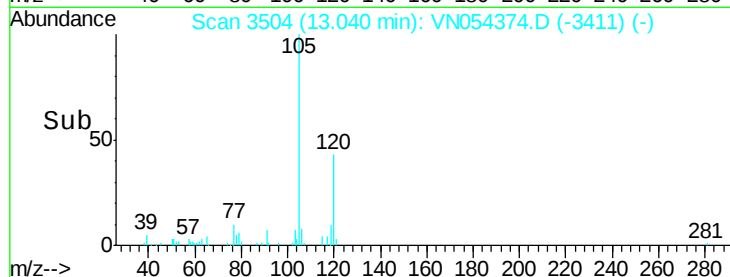
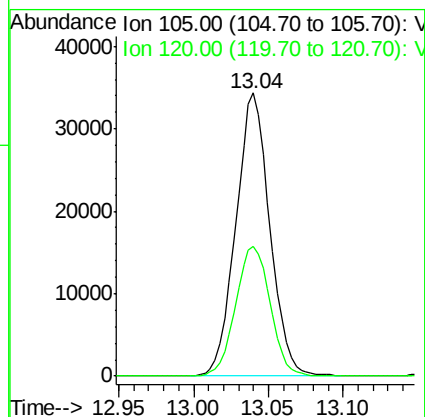
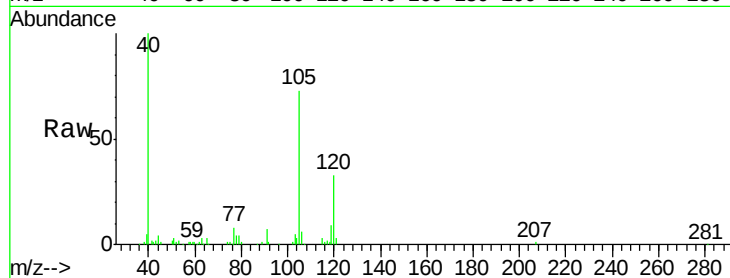
CL-01-031519-E

Tot Ion:105 Resp: 54193

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.3



#90

Hexachloroethane

Concen: 0.376 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN054374.D

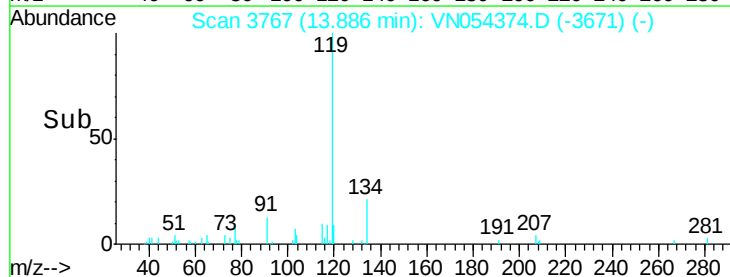
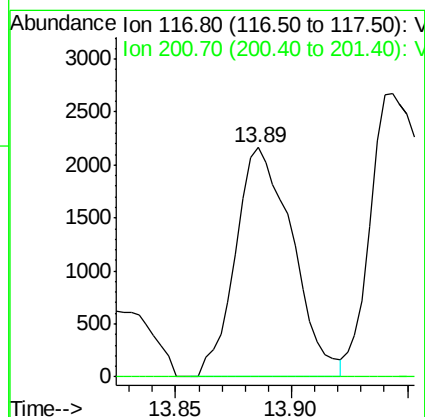
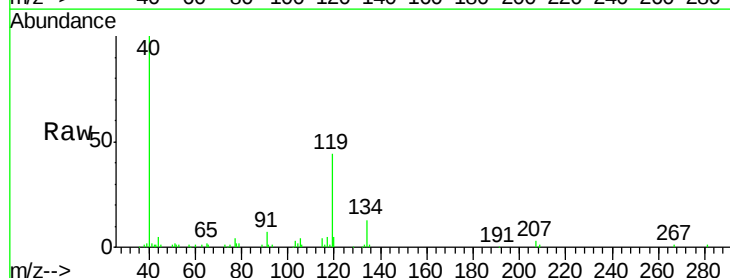
Acq: 17 Mar 2019 9:12

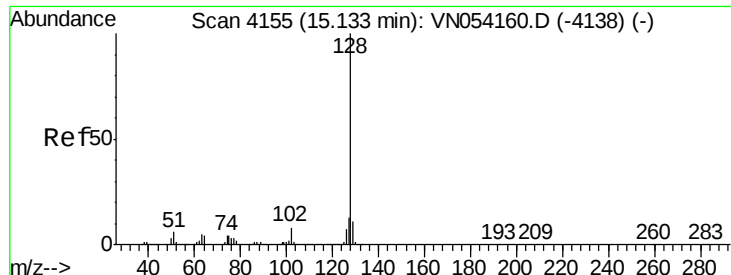
Tgt Ion:117 Resp: 3693

Ion Ratio Lower Upper

117 100

201 0.0 48.1 144.4#





#95

Naphthalene

Concen: 4.806 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-E

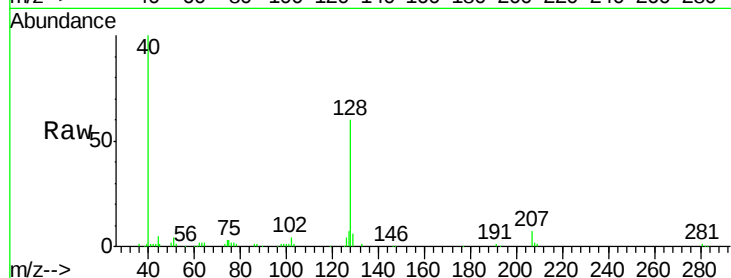
Tot Ion:128 Resp: 53645

Ion Ratio Lower Upper

128 100

127 11.9 10.1 15.1

129 10.8 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

