

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054899.D
 Acq On : 2 Apr 2019 14:05
 Operator : JC/SP
 Sample : PB118502TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

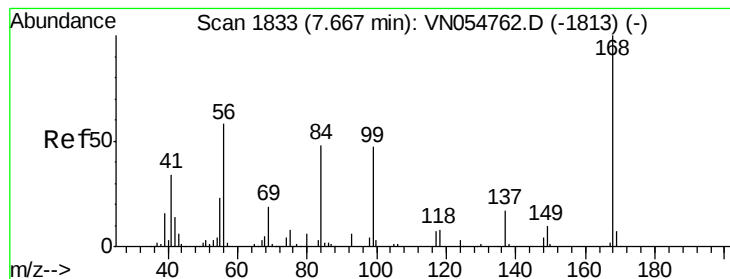
Quant Time: Apr 03 05:06:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	537860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	884333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	766980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	277561	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	345493	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
35) Dibromofluoromethane	7.59	113	279655	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
50) Toluene-d8	10.09	98	1059176	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.40	95	335684	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.59	94	394	Below Cal	#	71
13) Acrolein	3.63	56	225	0.666	ug/l #	79
16) Acetone	3.82	43	8823	5.103	ug/l	89
18) Methyl Acetate	4.34	43	2711	Below Cal	#	59
20) Methylene Chloride	4.54	84	4670	0.766	ug/l	92
25) 2-Butanone	6.85	43	579	0.227	ug/l #	46
29) Tetrahydrofuran	7.22	42	1155	0.651	ug/l #	56
31) Cyclohexane	7.66	56	11472	Below Cal	#	18
36) 1,1-Dichloropropene	7.66	75	41902	5.085	ug/l #	47
38) Carbon Tetrachloride	7.66	117	50726	6.338	ug/l #	17
43) Isopropyl Acetate	8.17	43	16063	1.636	ug/l #	95
48) Methyl methacrylate	9.18	41	7044	1.323	ug/l #	11
49) 1,4-Dioxane	9.21	88	145	2.746	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6422	1.163	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	56338	6.379	ug/l #	72
57) 1,3-Dichloropropane	10.77	76	10859	1.211	ug/l #	43
59) 2-Hexanone	10.76	43	184815	52.298	ug/l #	48
71) Bromoform	12.40	173	2251	0.684	ug/l #	1
74) N-amyl acetate	12.08	43	1978	0.280	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.51	83	369	Below Cal	#	55
76) 1,2,3-Trichloropropane	12.40	75	172957	35.869	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	15877	0.853	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	172957	139.522	ug/l #	11
83) tert-Butylbenzene	13.00	119	1059	Below Cal	#	79
93) 1,2,4-Trichlorobenzene	14.90	180	2002	0.449	ug/l	95
94) Hexachlorobutadiene	15.01	225	813	Below Cal		68
95) Naphthalene	15.13	128	6772	0.677	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.32	180	2295	0.509	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

Instrument :

MSVOA_N

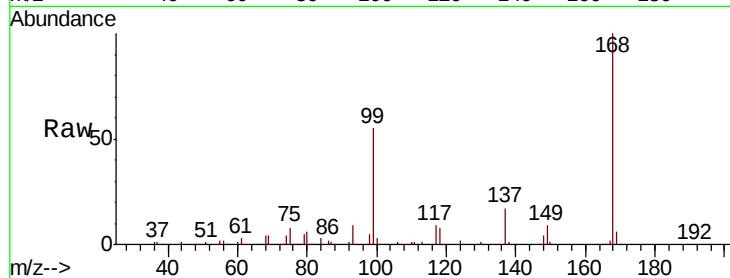
ClientSampled :

Tot Ion:168 Resp: 537860

Ion Ratio Lower Upper

168 100

99 55.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

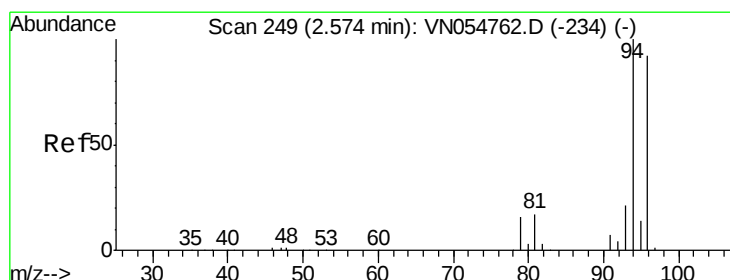
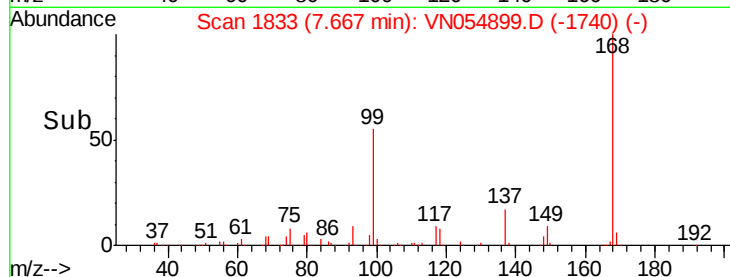
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.59 min Scan# 253

Delta R.T. 0.01 min

Lab File: VN054899.D

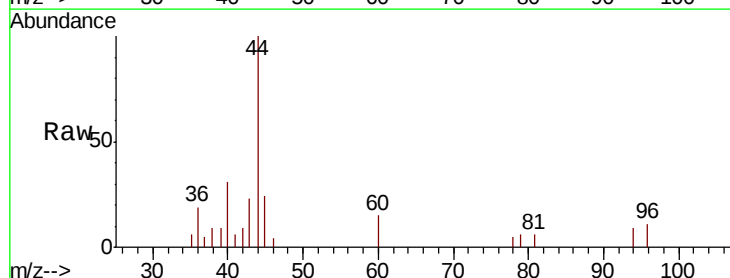
Acq: 2 Apr 2019 14:05

Tgt Ion: 94 Resp: 394

Ion Ratio Lower Upper

94 100

96 124.6 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.59

400

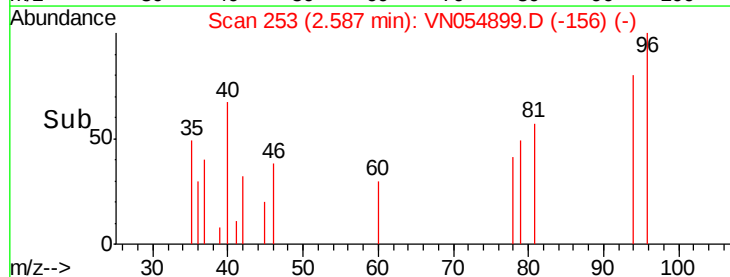
300

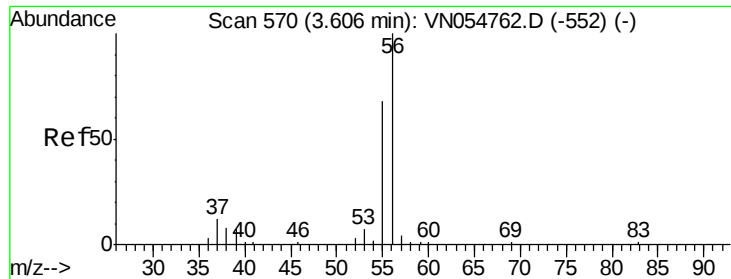
200

100

0

Time-->





#13

Acrolein

Concen: 0.666 ug/l

RT: 3.63 min Scan# 576

Delta R.T. 0.02 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

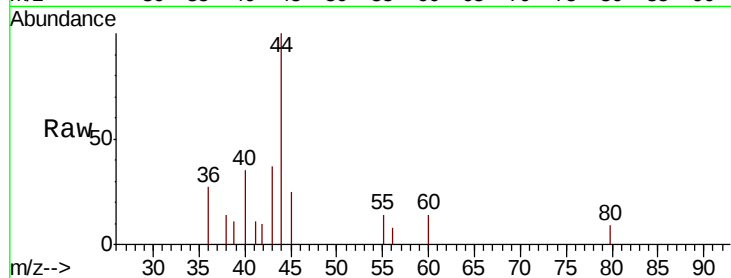
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 225

Ion Ratio Lower Upper

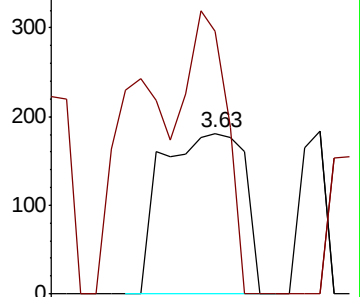
56 100

55 88.0 56.7 85.1#

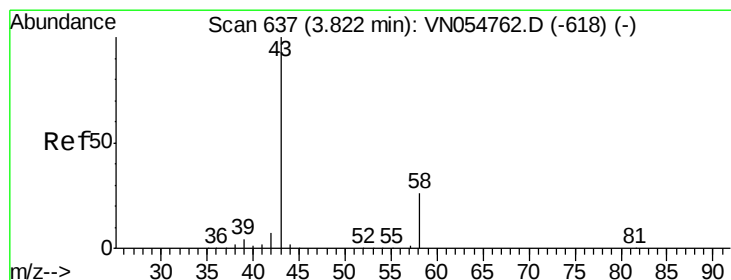
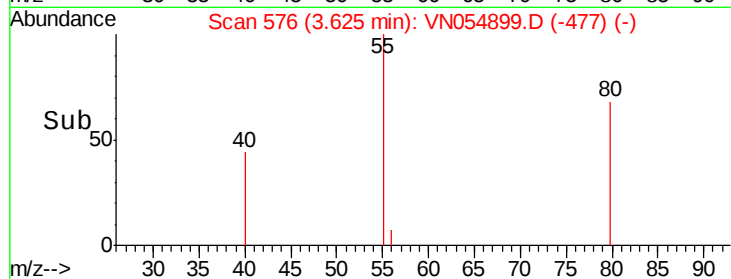


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#16

Acetone

Concen: 5.103 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054899.D

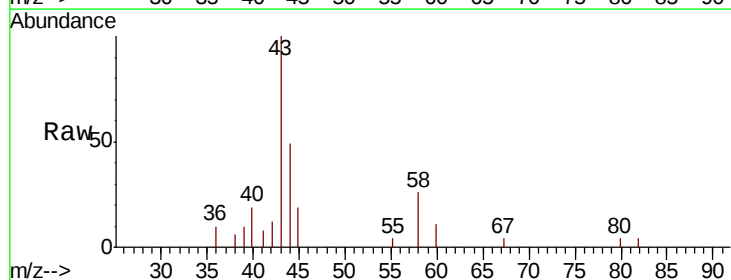
Acq: 2 Apr 2019 14:05

Tgt Ion: 43 Resp: 8823

Ion Ratio Lower Upper

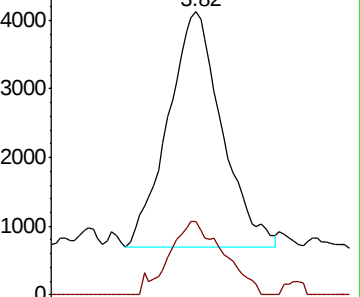
43 100

58 31.0 29.9 44.9

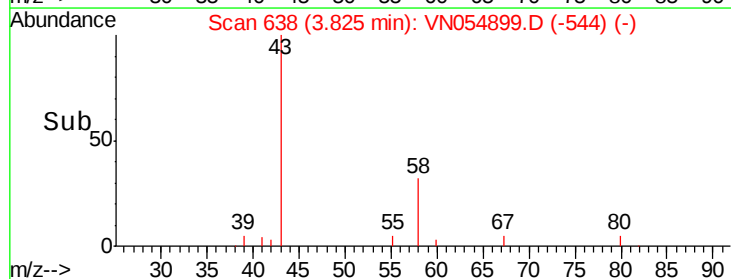


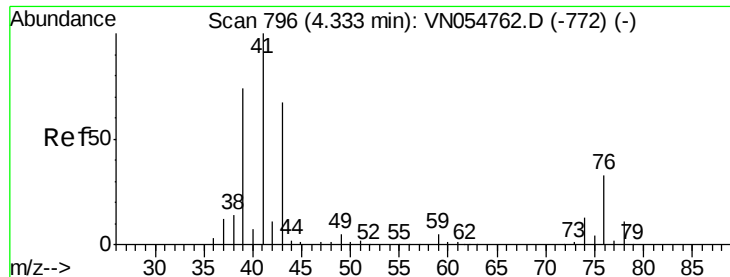
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

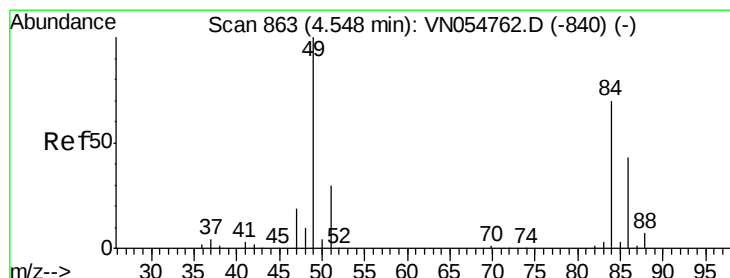
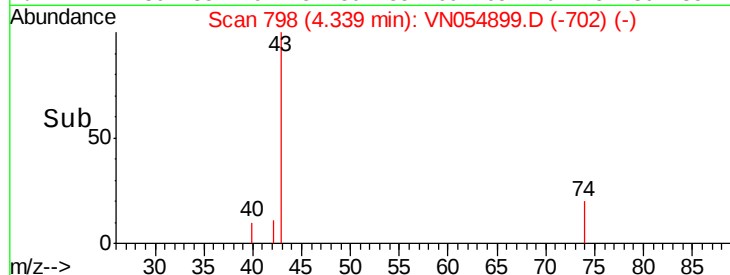
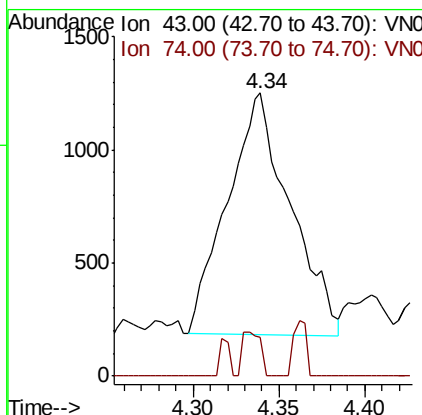
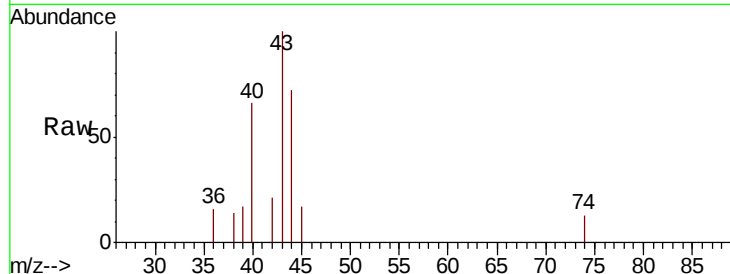




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054899.D
Acq: 2 Apr 2019 14:05

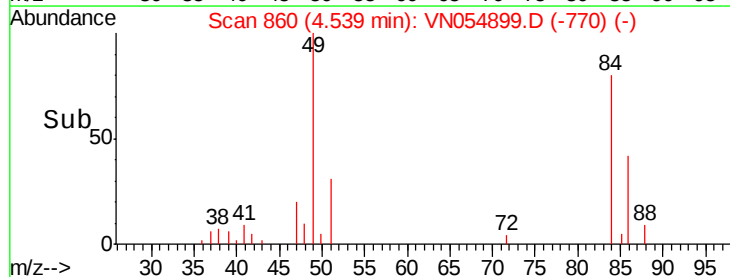
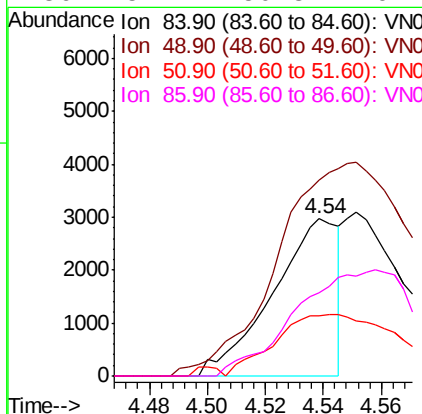
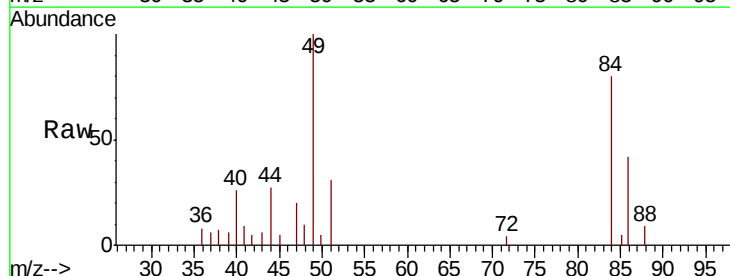
Instrument :
MSVOA_N
ClientSampled :

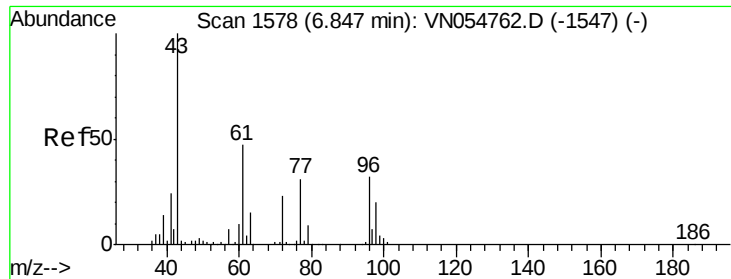
Tot Ion: 43 Resp: 2711
Ion Ratio Lower Upper
43 100
74 5.2 20.8 31.2#



#20
Methylene Chloride
Concen: 0.766 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN054899.D
Acq: 2 Apr 2019 14:05

Tgt Ion: 84 Resp: 4670
Ion Ratio Lower Upper
84 100
49 118.9 89.7 134.5
51 38.6 28.2 42.4
86 52.7 50.8 76.2





#25

2-Butanone

Concen: 0.227 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

Instrument :

MSVOA_N

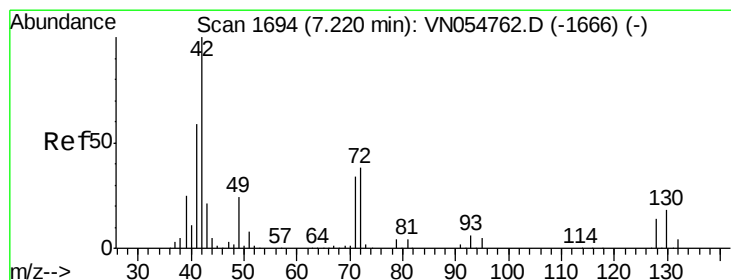
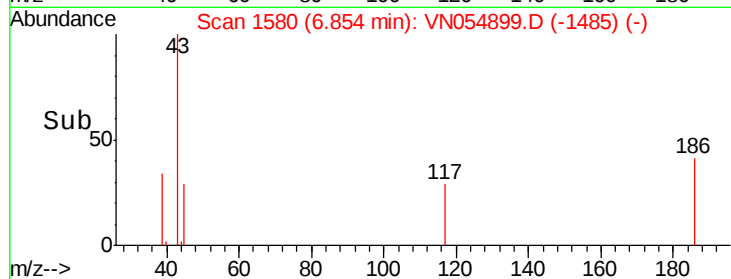
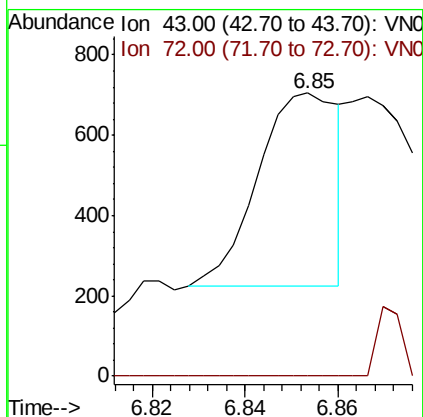
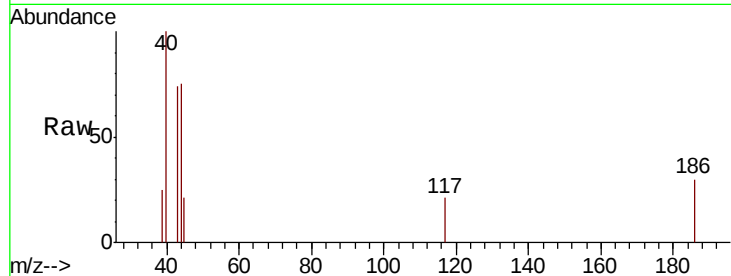
ClientSampled :

Tot Ion: 43 Resp: 579

Ion Ratio Lower Upper

43 100

72 0.0 23.0 34.6#



#29

Tetrahydrofuran

Concen: 0.651 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

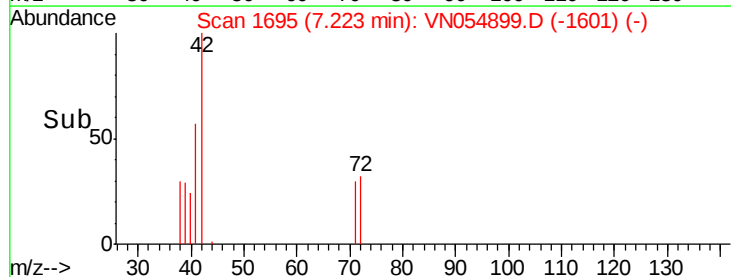
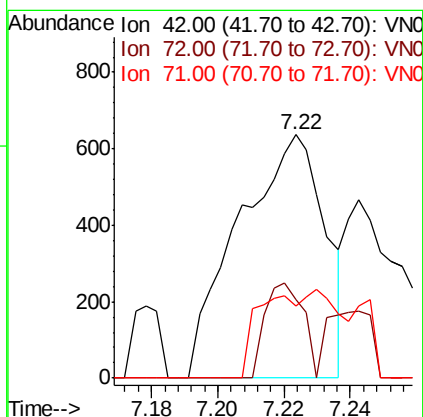
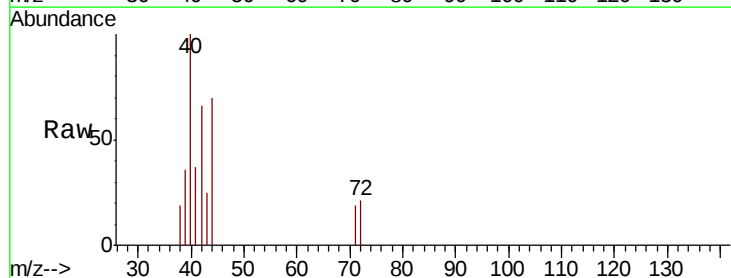
Tgt Ion: 42 Resp: 1155

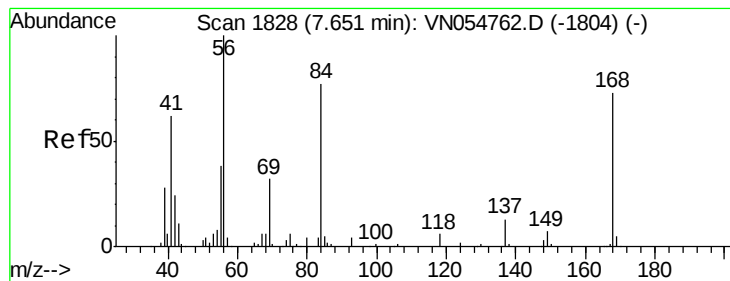
Ion Ratio Lower Upper

42 100

72 17.1 37.8 56.6#

71 16.5 36.2 54.2#





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

Instrument :
MSVOA_N
ClientSampled :

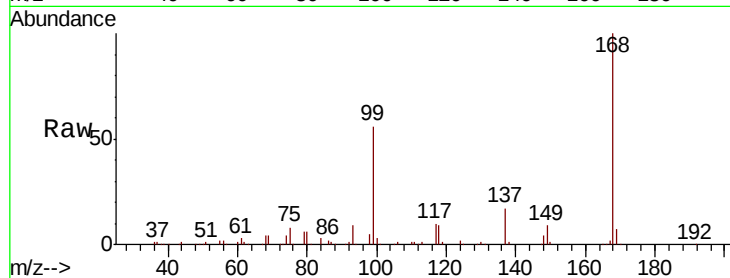
Tot Ion: 56 Resp: 11472

Ion Ratio Lower Upper

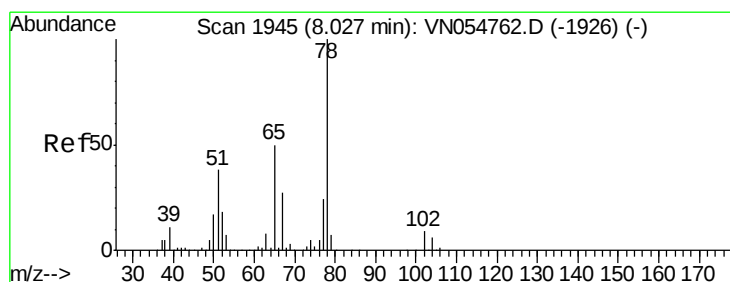
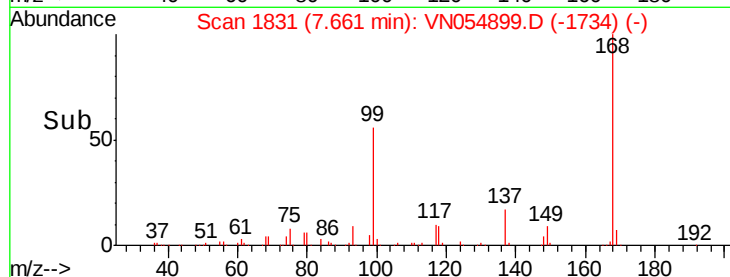
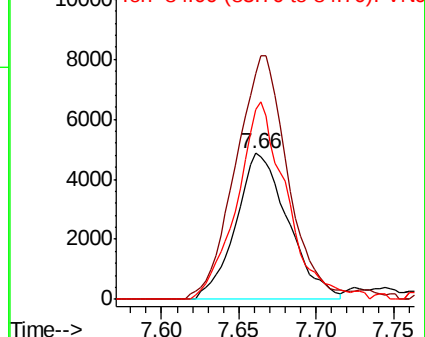
56 100

69 150.4 27.8 41.6#

84 129.9 74.6 111.8#



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: 47.651 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054899.D

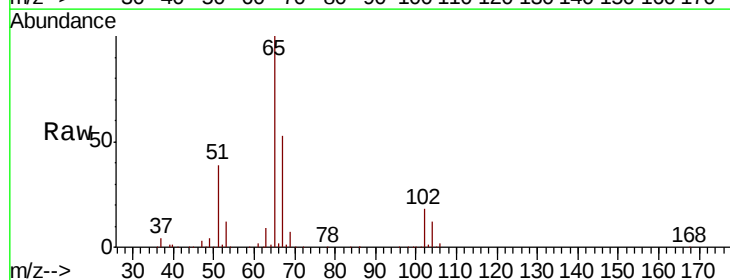
Acq: 2 Apr 2019 14:05

Tgt Ion: 65 Resp: 345493

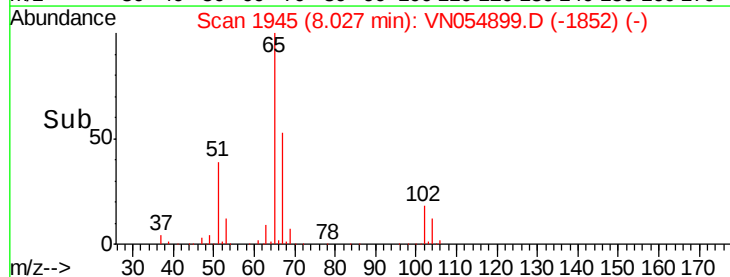
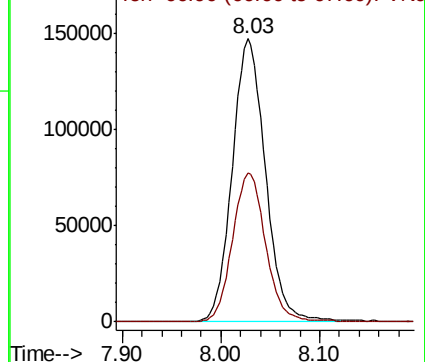
Ion Ratio Lower Upper

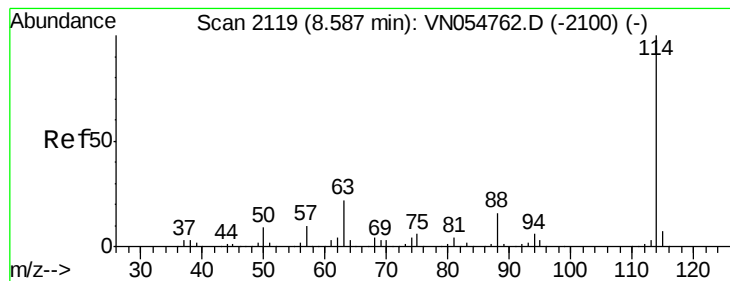
65 100

67 52.4 0.0 104.6



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: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

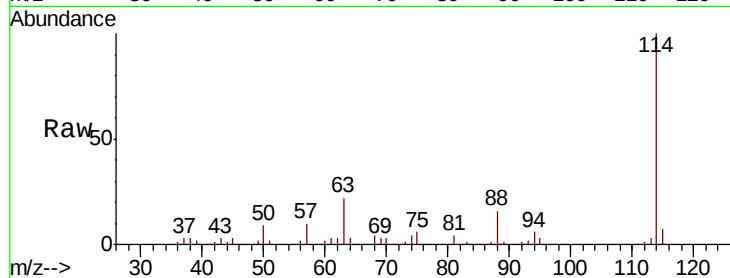
Tot Ion:114 Resp: 884333

Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.2

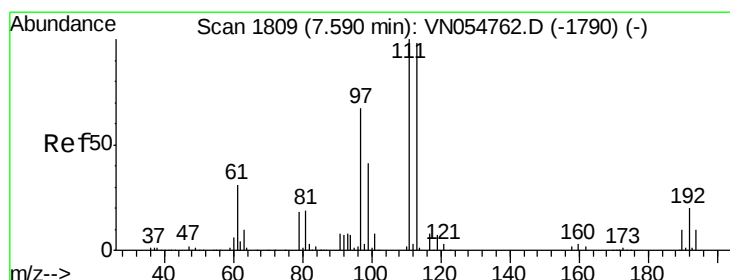
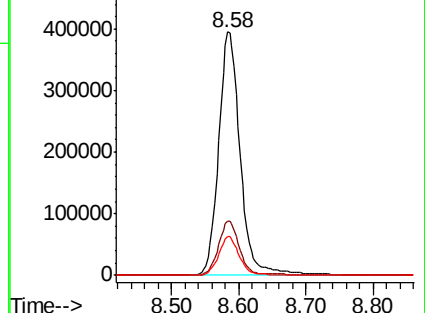
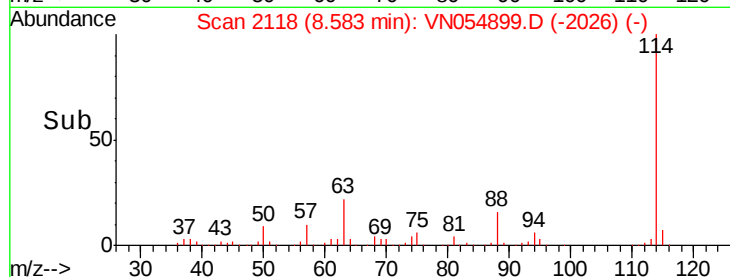
88 15.9 0.0 30.2



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: 47.433 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

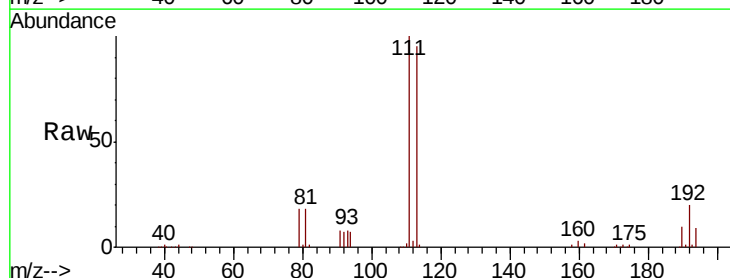
Tgt Ion:113 Resp: 279655

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

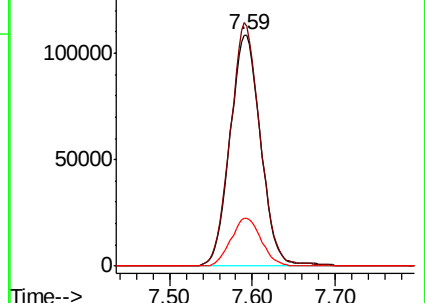
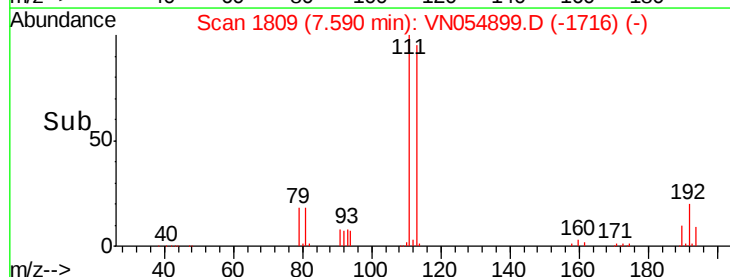
192 20.6 19.2 28.8

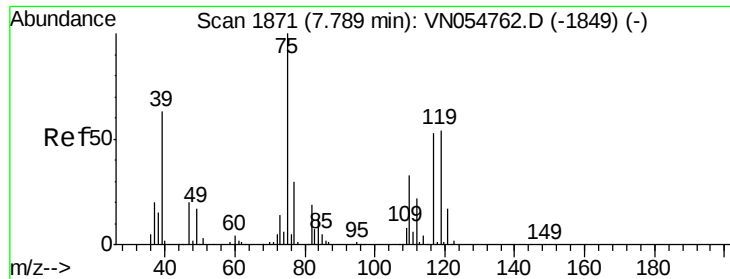


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

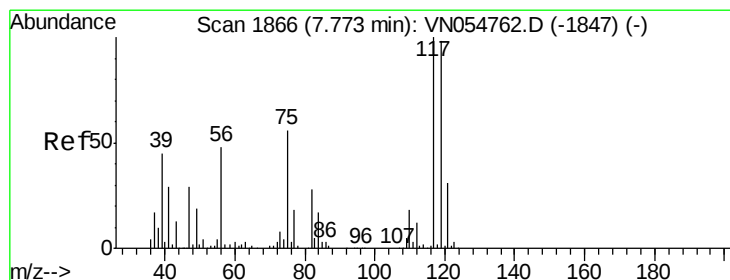
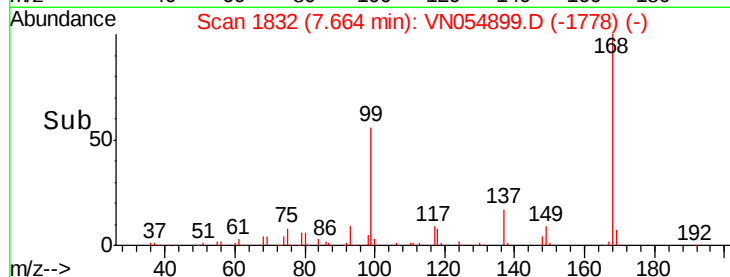
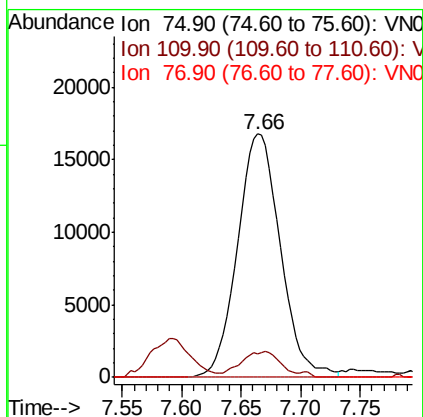
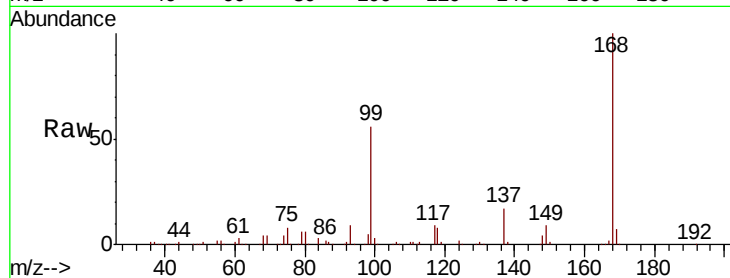




#36
 1,1-Dichloropropene
 Concen: 5.085 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054899.D
 Acq: 2 Apr 2019 14:05

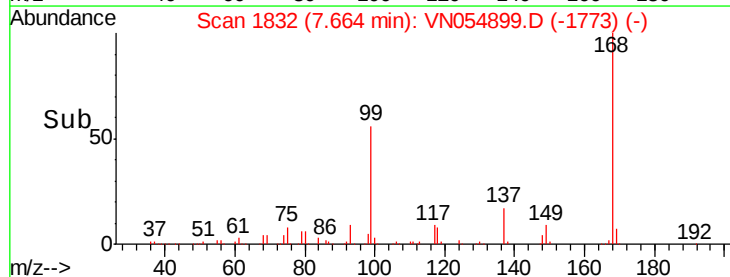
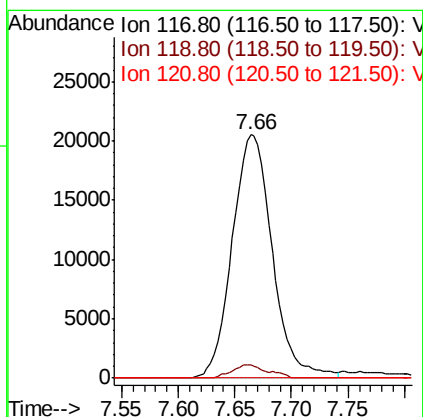
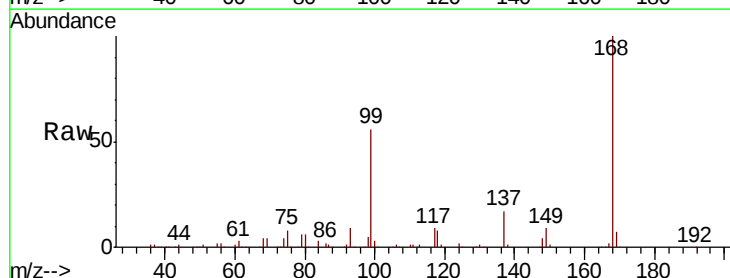
Instrument :
 MSVOA_N
 ClientSampleId :

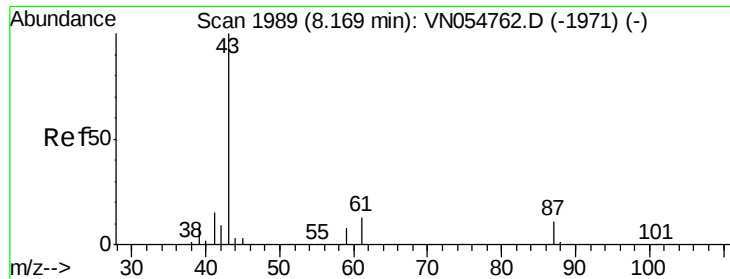
Tot Ion: 75 Resp: 41902
 Ion Ratio Lower Upper
 75 100
 110 7.5 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.338 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054899.D
 Acq: 2 Apr 2019 14:05

Tgt Ion: 117 Resp: 50726
 Ion Ratio Lower Upper
 117 100
 119 5.6 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.636 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

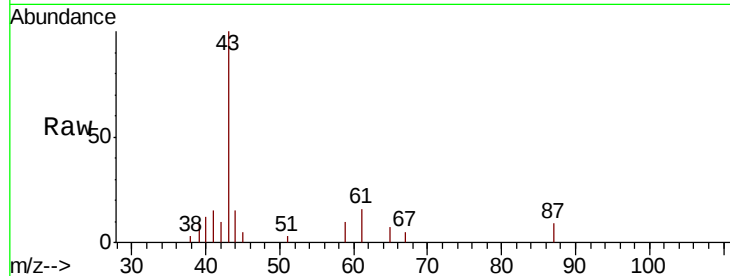
Tot Ion: 43 Resp: 16063

Ion Ratio Lower Upper

43 100

61 19.1 15.8 23.8

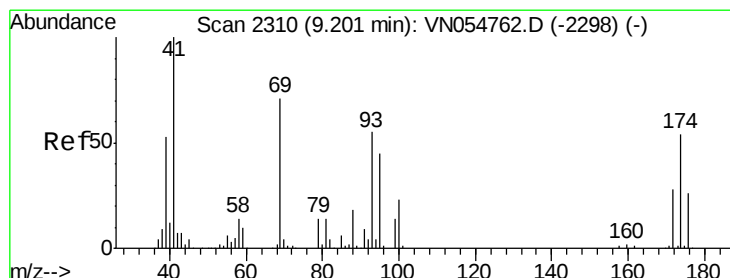
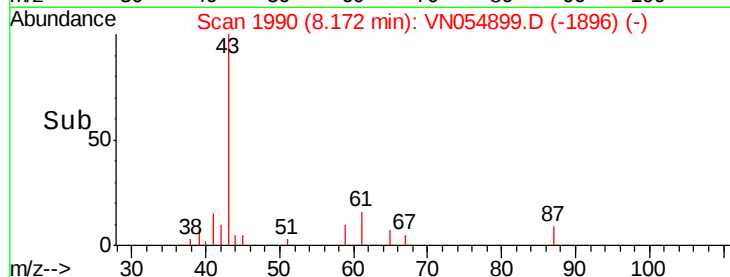
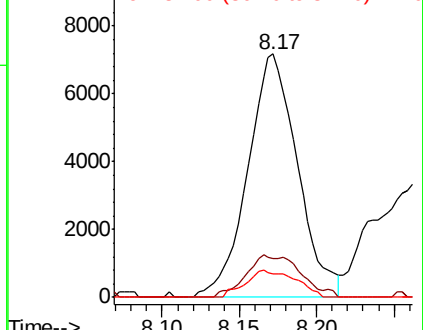
87 11.2 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054762.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054762.D (-1971) (-)



#48

Methyl methacrylate

Concen: 1.323 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

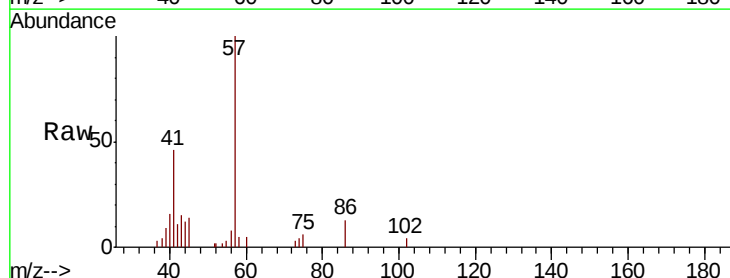
Tgt Ion: 41 Resp: 7044

Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

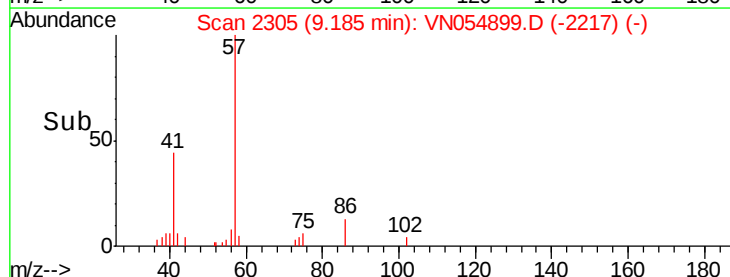
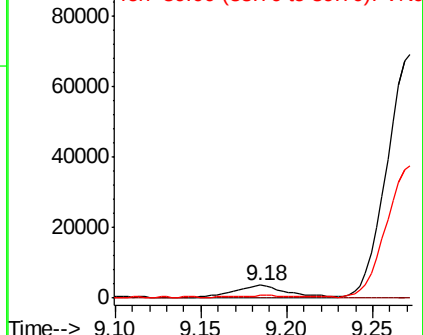
39 0.0 47.5 71.3#

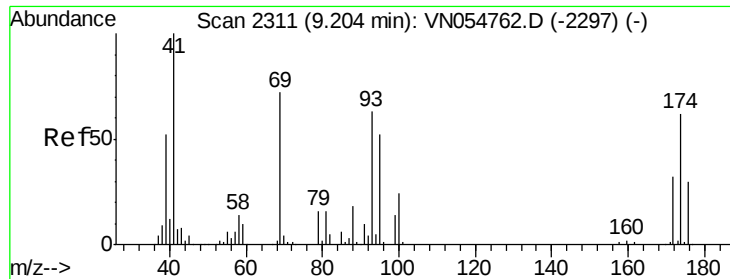


Abundance Ion 41.00 (40.70 to 41.70): VN054762.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN054762.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN054762.D (-2298) (-)





#49

1,4-Dioxane

Concen: 2.746 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

Instrument :
MSVOA_N
ClientSampleId :

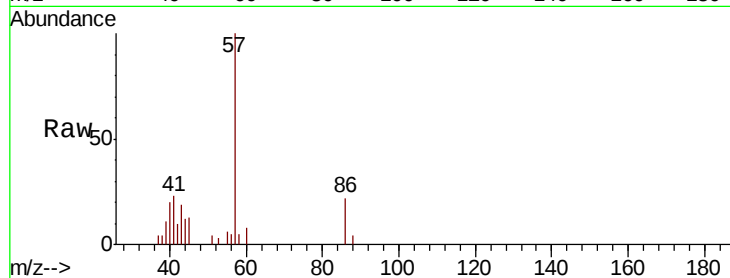
Tot Ion: 88 Resp: 145

Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

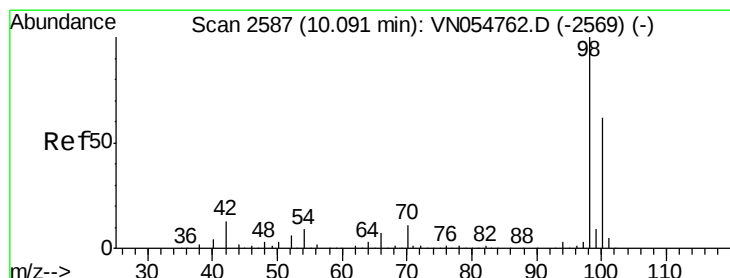
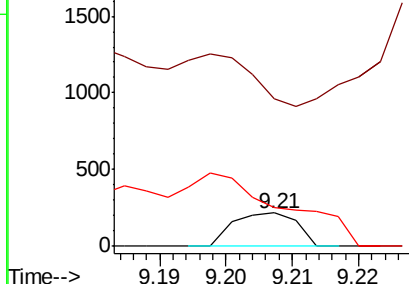
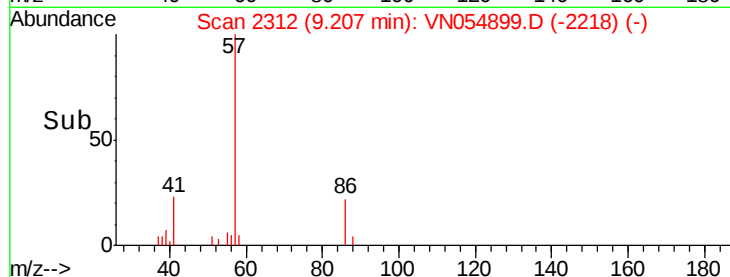
58 337.9 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN054899.D (-2218) (-)

Ion 43.00 (42.70 to 43.70): VN054899.D (-2218) (-)

Ion 58.00 (57.70 to 58.70): VN054899.D (-2218) (-)



#50

Toluene-d8

Concen: 48.322 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054899.D

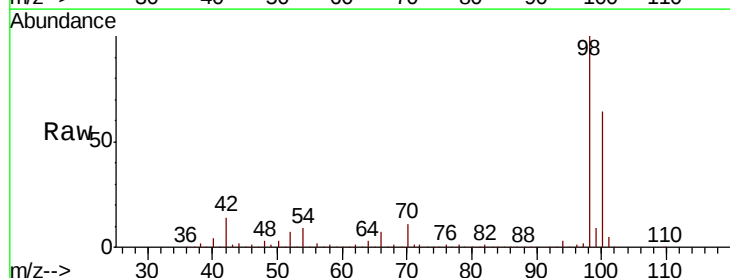
Acq: 2 Apr 2019 14:05

Tgt Ion: 98 Resp: 1059176

Ion Ratio Lower Upper

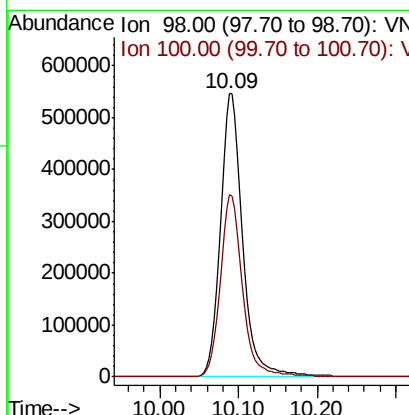
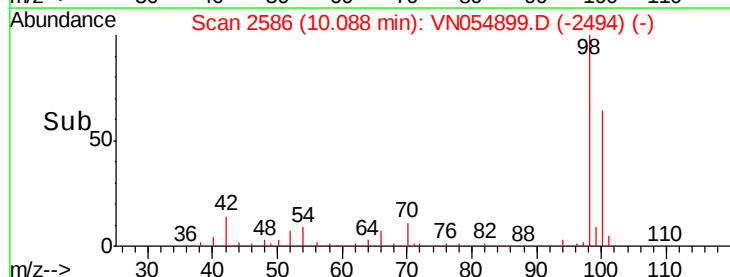
98 100

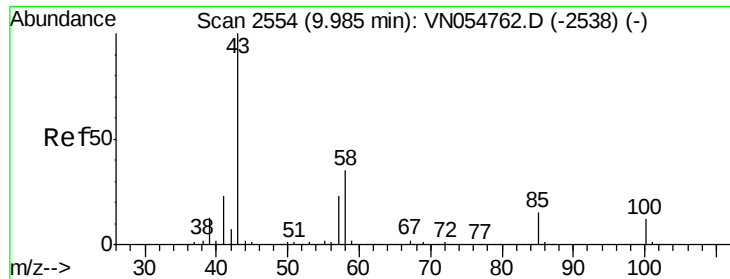
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054899.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054899.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.163 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

Instrument :

MSVOA_N

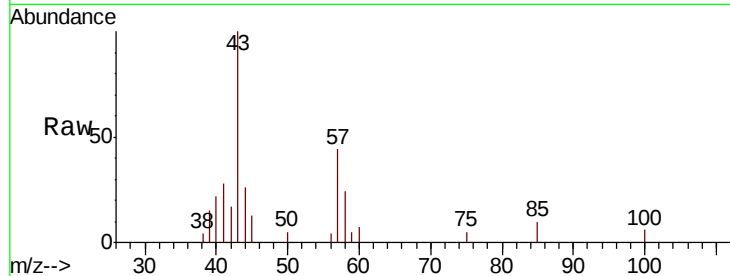
ClientSampled :

Tot Ion: 43 Resp: 6422

Ion Ratio Lower Upper

43 100

58 38.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

6000

5000

4000

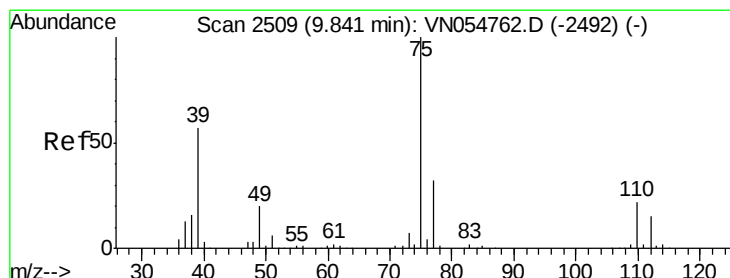
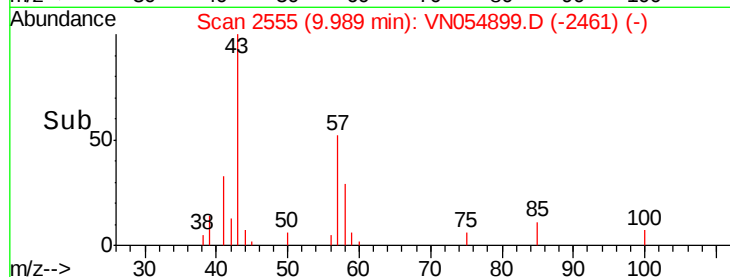
3000

2000

1000

0

Time--> 9.94 9.96 9.98 10.00



#54

cis-1,3-Dichloropropene

Concen: 6.379 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

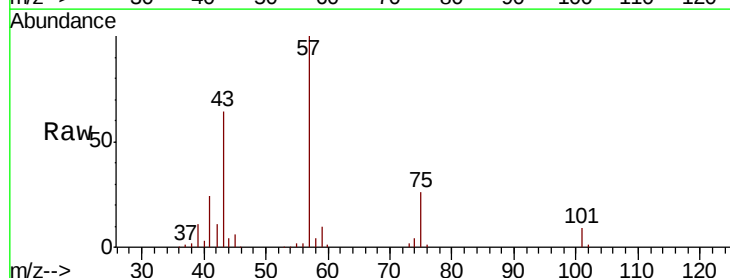
Tgt Ion: 75 Resp: 56338

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

39 41.5 37.2 55.8



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

40000

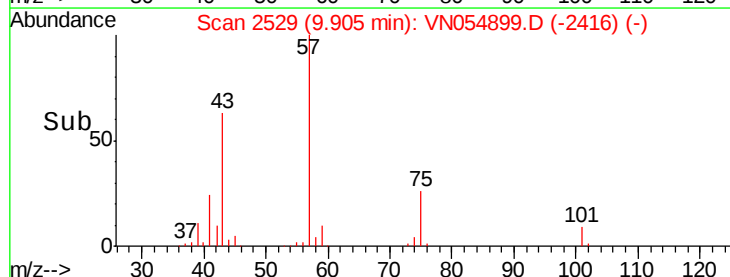
30000

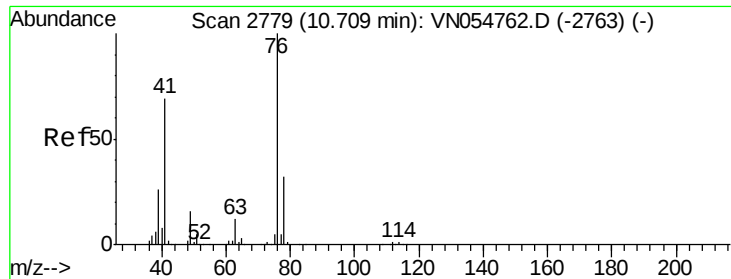
20000

10000

0

Time--> 9.85 9.90 9.95 10.00

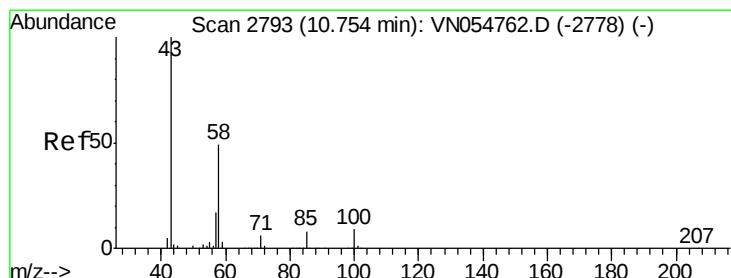
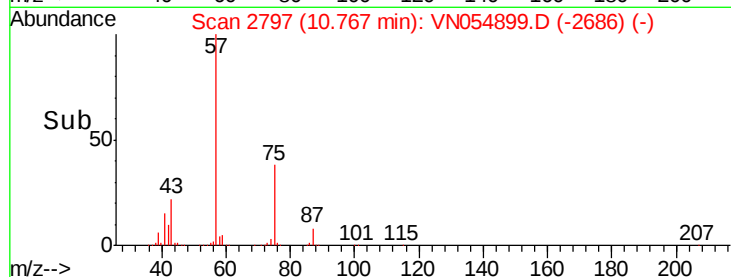
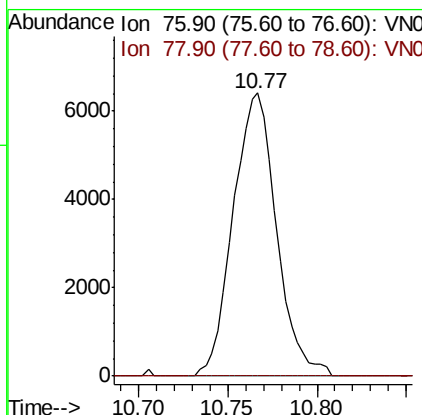
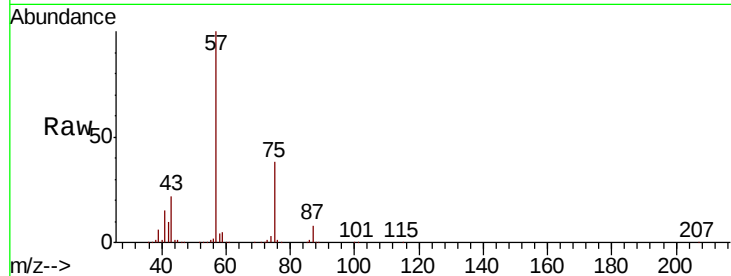




#57
 1,3-Dichloropropane
 Concen: 1.211 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054899.D
 Acq: 2 Apr 2019 14:05

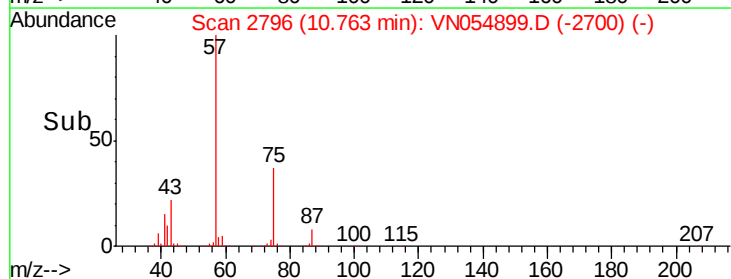
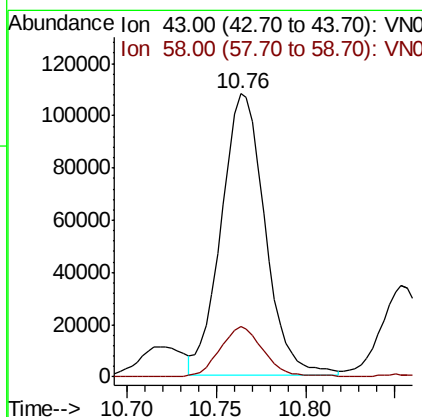
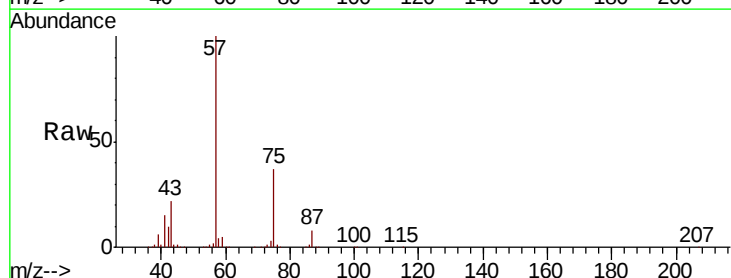
Instrument :
 MSVOA_N
 ClientSampleId :

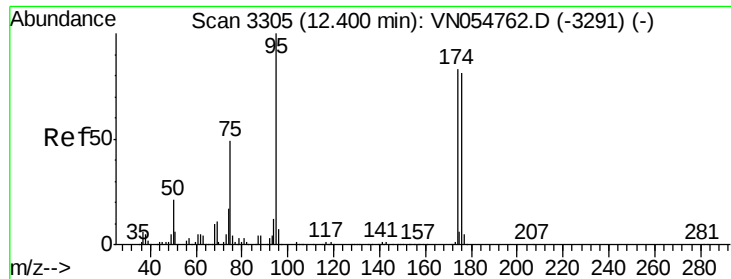
Tot Ion: 76 Resp: 10859
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 52.298 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054899.D
 Acq: 2 Apr 2019 14:05

Tgt Ion: 43 Resp: 184815
 Ion Ratio Lower Upper
 43 100
 58 17.8 28.0 83.9#

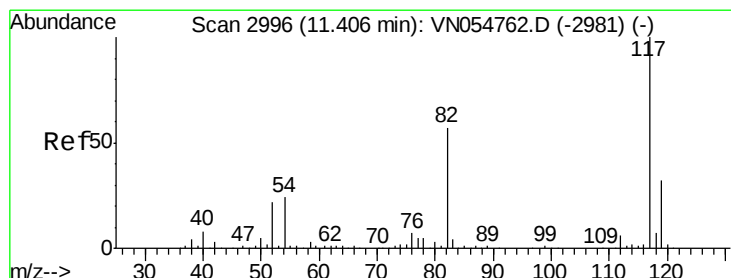
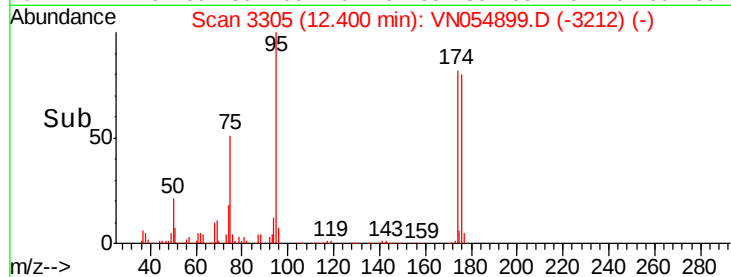
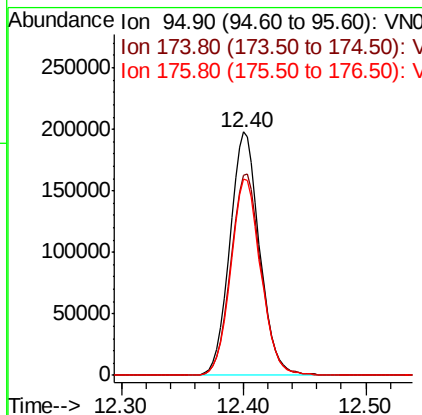
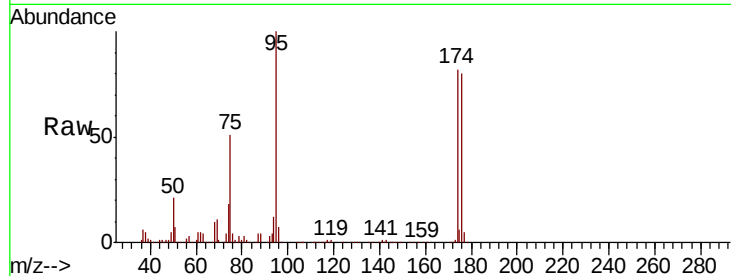




#62
4-Bromofluorobenzene
Concen: 46.048 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054899.D
Acq: 2 Apr 2019 14:05

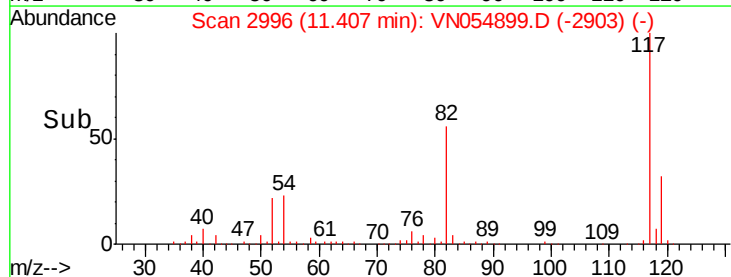
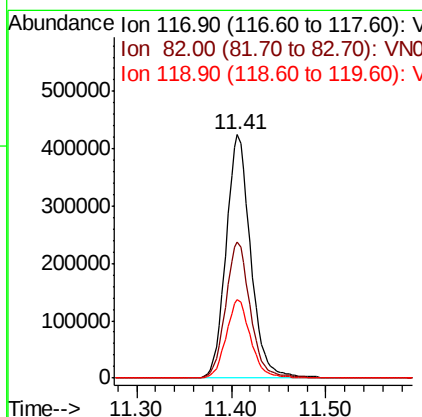
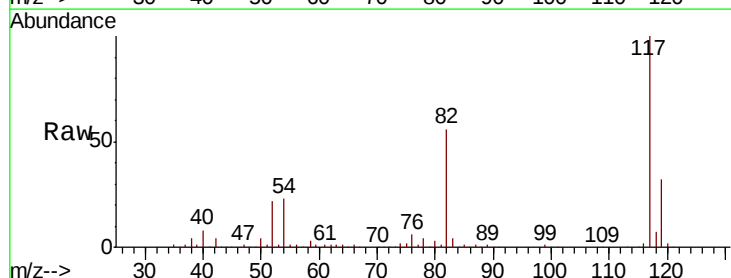
Instrument :
MSVOA_N
ClientSampled :

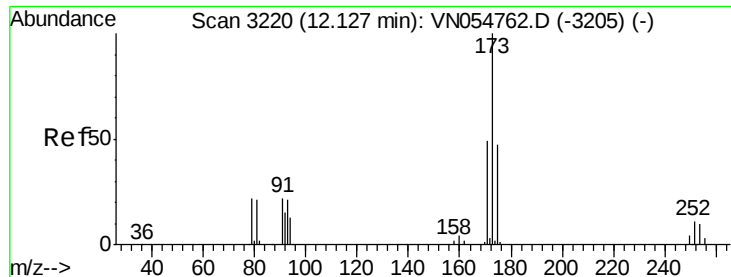
Tot Ion: 95 Resp: 335684
Ion Ratio Lower Upper
95 100
174 84.4 0.0 191.0
176 81.5 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054899.D
Acq: 2 Apr 2019 14:05

Tgt Ion: 117 Resp: 766980
Ion Ratio Lower Upper
117 100
82 56.0 40.0 60.0
119 32.1 25.8 38.6

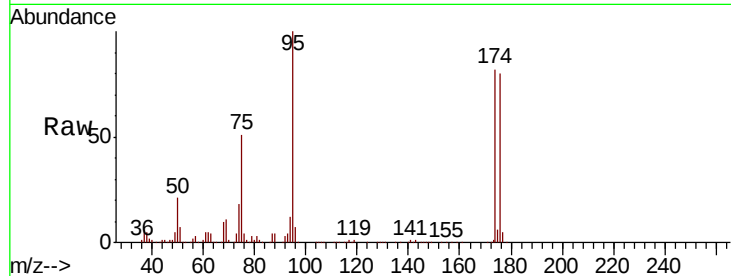




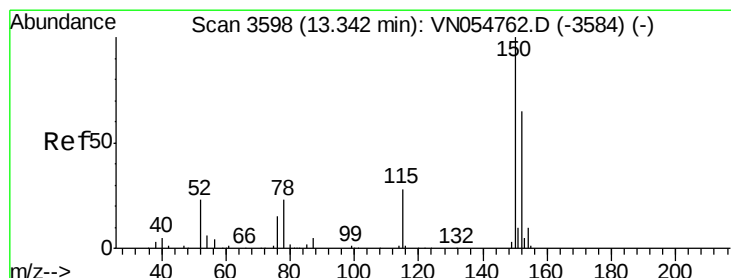
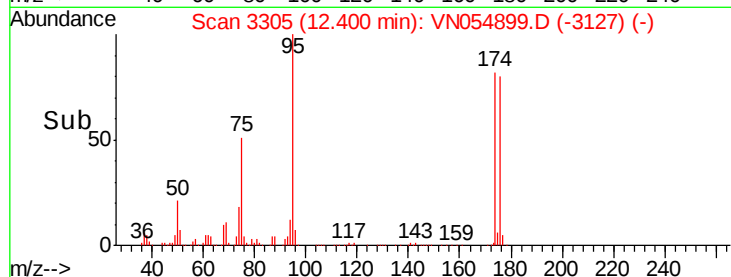
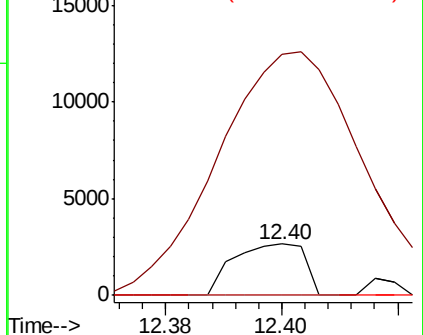
#71
Bromoform
Concen: 0.684 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054899.D
Acq: 2 Apr 2019 14:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 2251
Ion Ratio Lower Upper
173 100
175 847.2 24.4 73.2#
254 0.0 0.1 0.1#

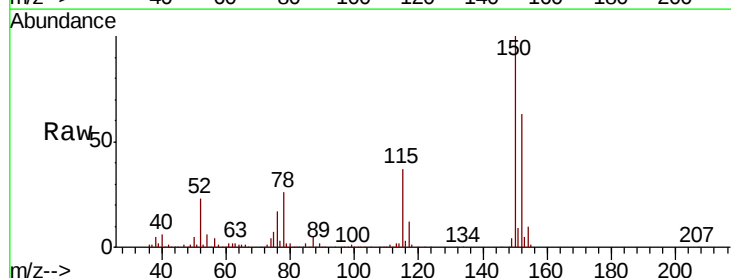


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

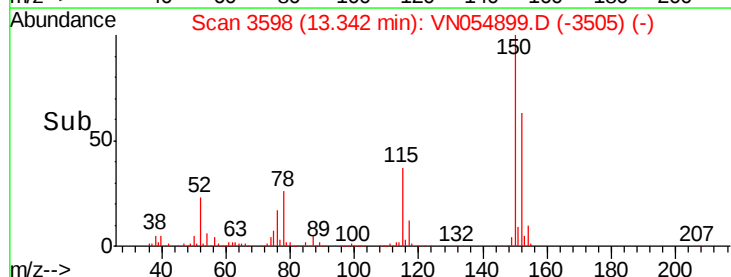
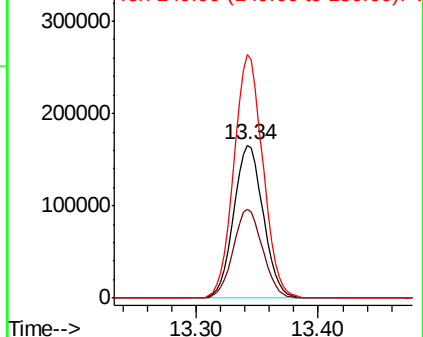


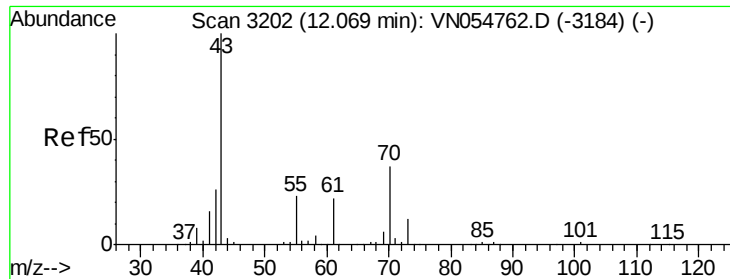
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054899.D
Acq: 2 Apr 2019 14:05

Tgt Ion:152 Resp: 277561
Ion Ratio Lower Upper
152 100
115 58.2 27.2 81.6
150 156.9 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-amvl acetate

Concen: 0.280 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.01 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 1978

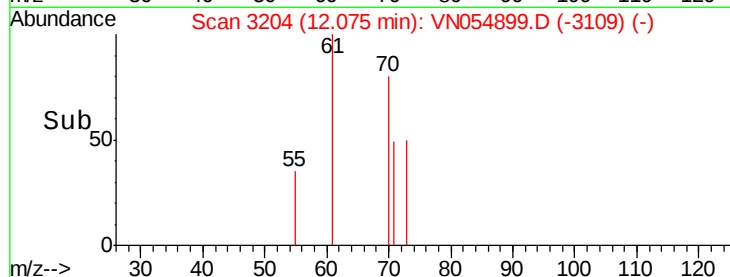
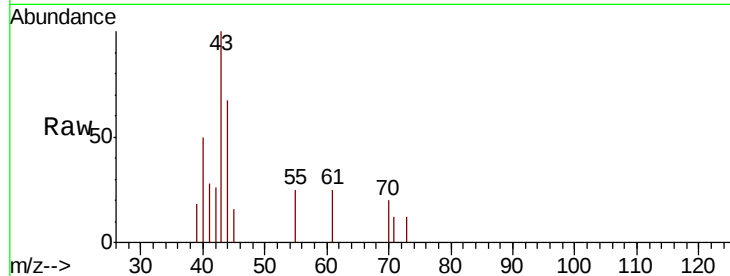
Ion Ratio Lower Upper

43 100

70 22.7 35.4 53.0#

55 15.1 19.8 29.6#

61 26.7 19.8 29.6

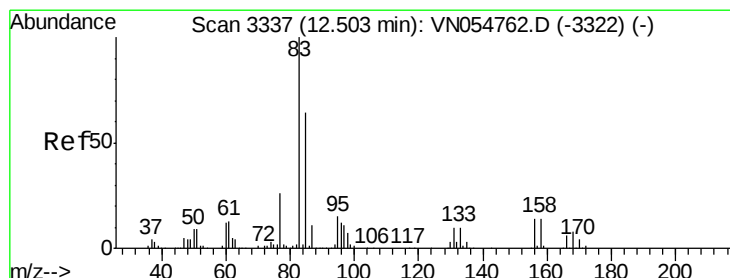
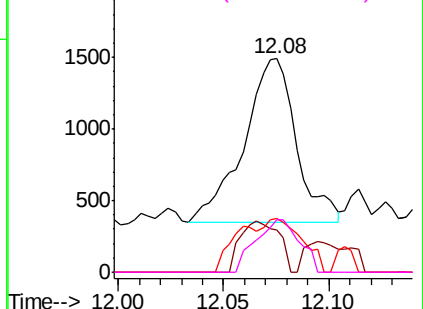


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

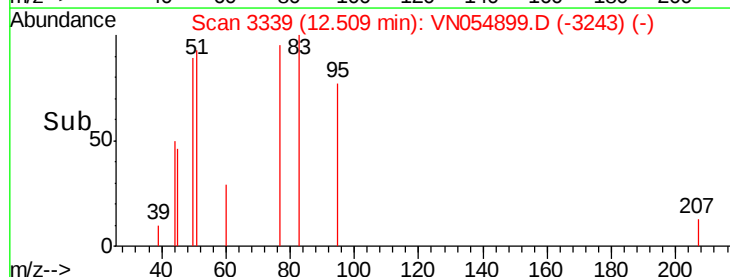
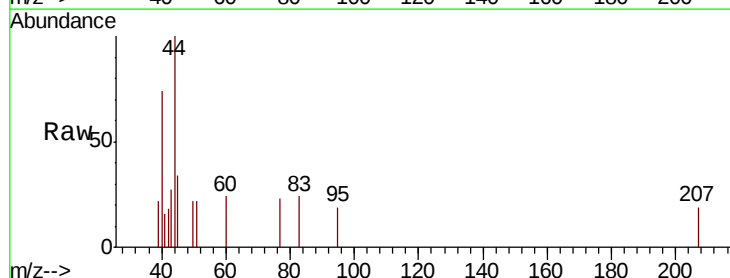
Tgt Ion: 83 Resp: 369

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

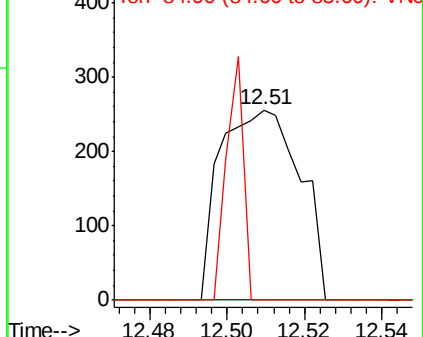
85 27.1 32.2 96.6#

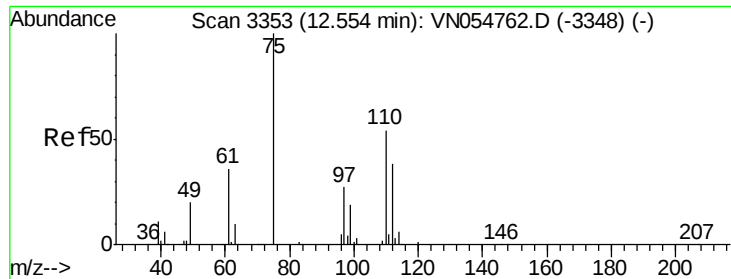


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 35.869 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

Instrument :

MSVOA_N

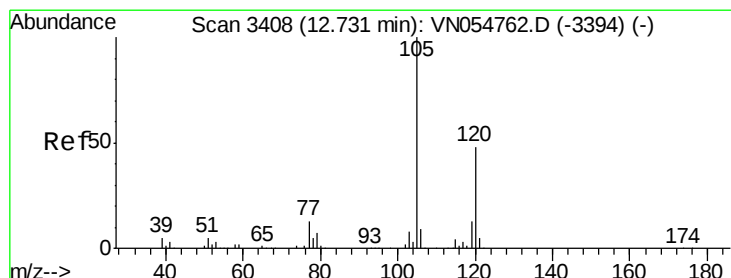
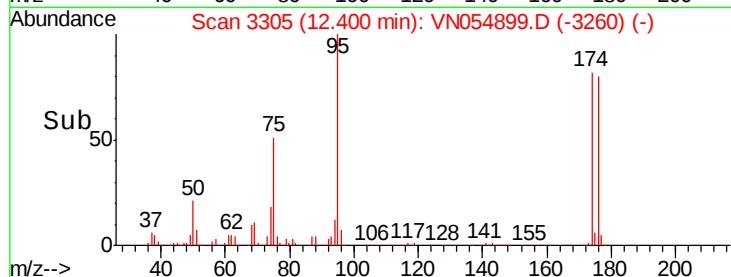
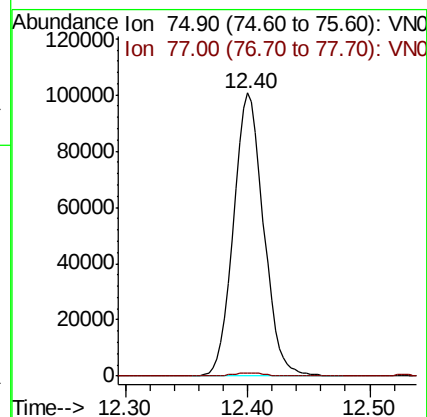
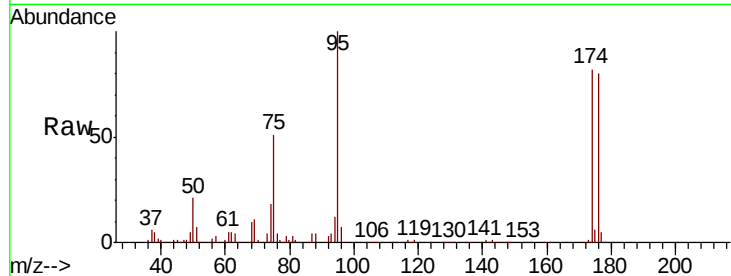
ClientSampled :

Tot Ion: 75 Resp: 172957

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.853 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054899.D

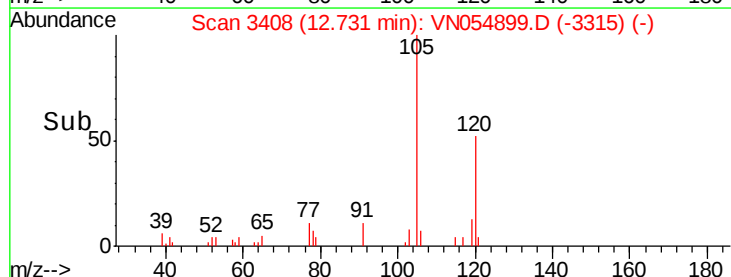
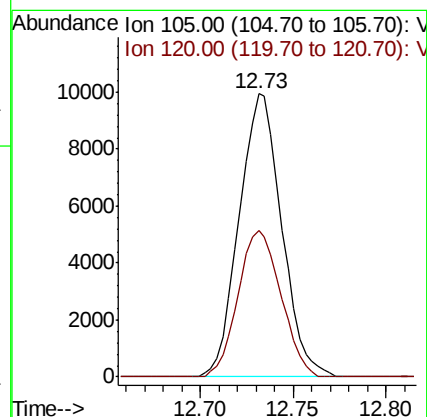
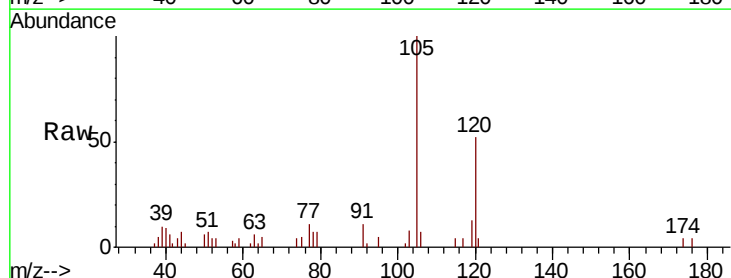
Acq: 2 Apr 2019 14:05

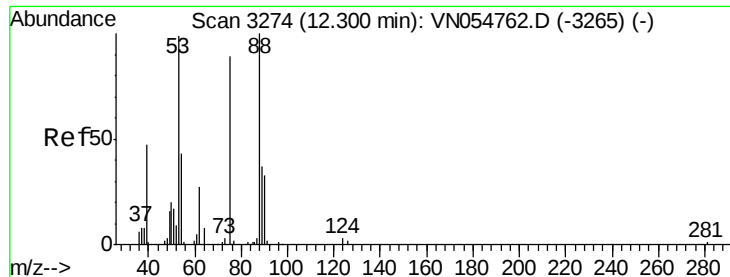
Tgt Ion:105 Resp: 15877

Ion Ratio Lower Upper

105 100

120 52.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 139.522 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

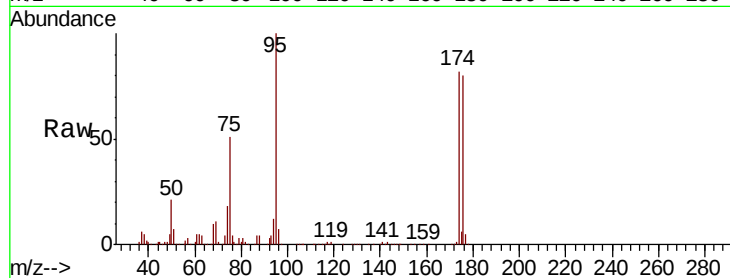
Tot Ion: 75 Resp: 172957

Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

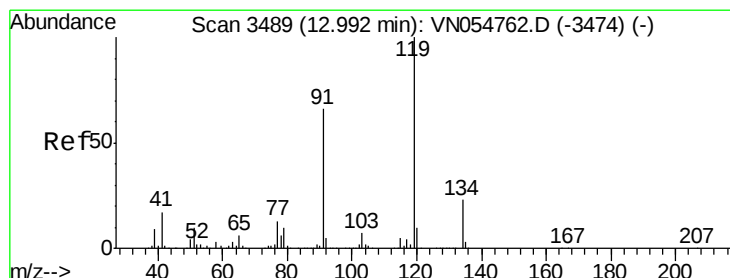
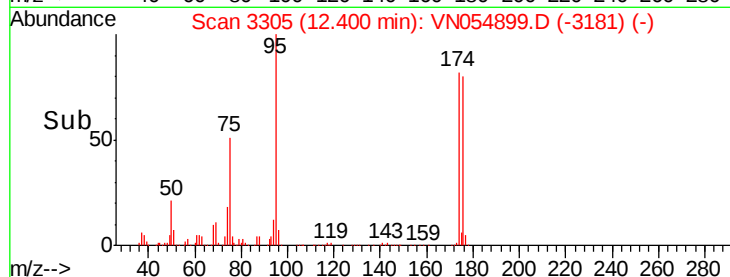
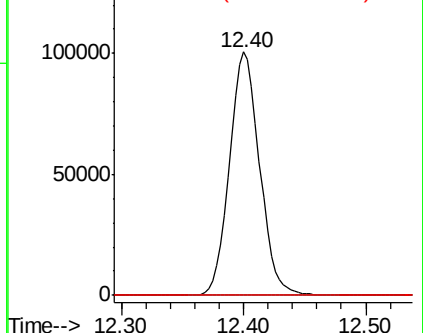
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054899.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054899.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054899.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3491

Delta R.T. 0.01 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

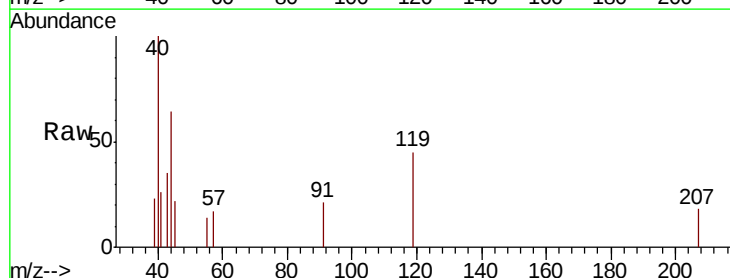
Tgt Ion: 119 Resp: 1059

Ion Ratio Lower Upper

119 100

91 52.2 30.9 92.8

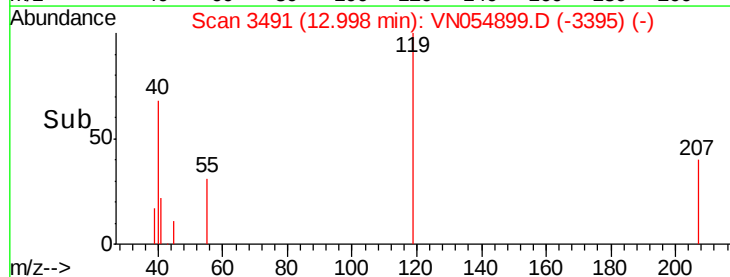
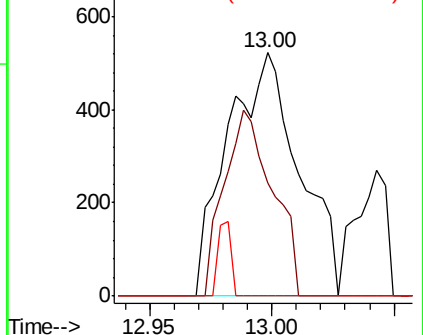
134 5.7 13.2 39.6#

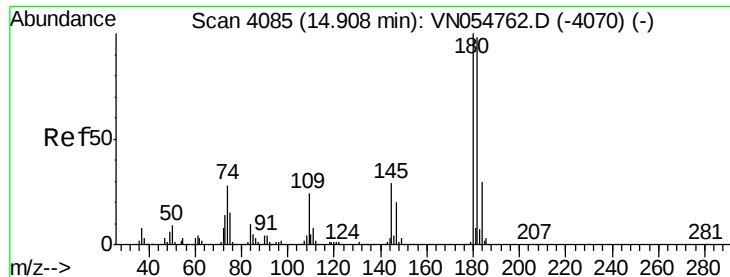


Abundance Ion 119.00 (118.70 to 119.70): VN054899.D (-3395) (-)

Ion 91.00 (90.70 to 91.70): VN054899.D (-3395) (-)

Ion 134.00 (133.70 to 134.70): VN054899.D (-3395) (-)

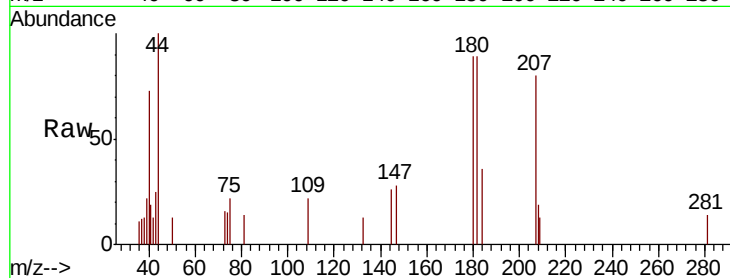




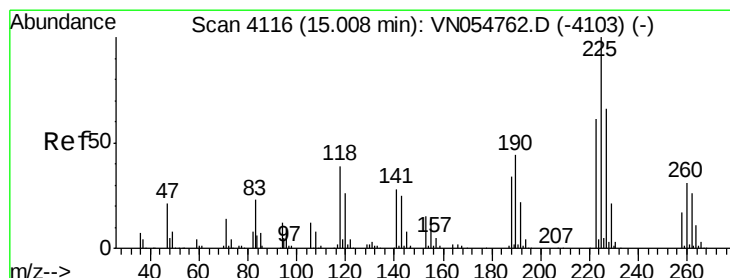
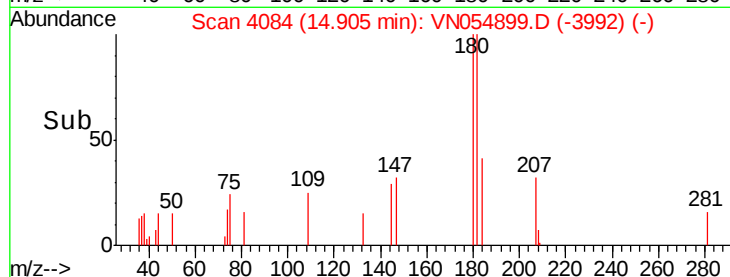
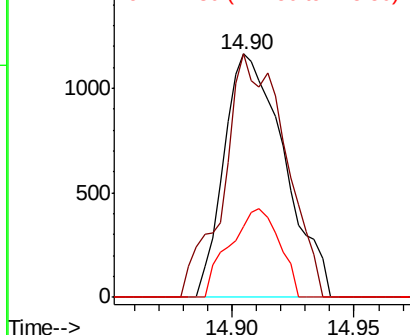
#93
 1,2,4-Trichlorobenzene
 Concen: 0.449 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN054899.D
 Acq: 2 Apr 2019 14:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 2002
 Ion Ratio Lower Upper
 180 100
 182 101.7 48.0 144.2
 145 30.0 14.2 42.8

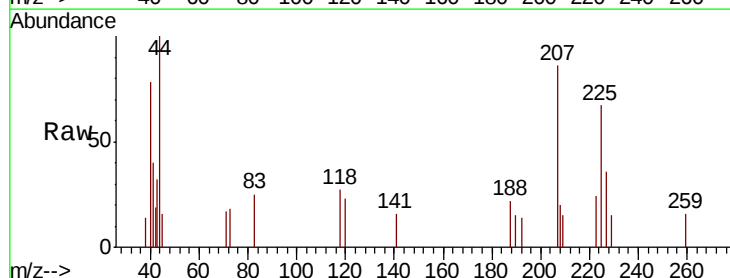


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

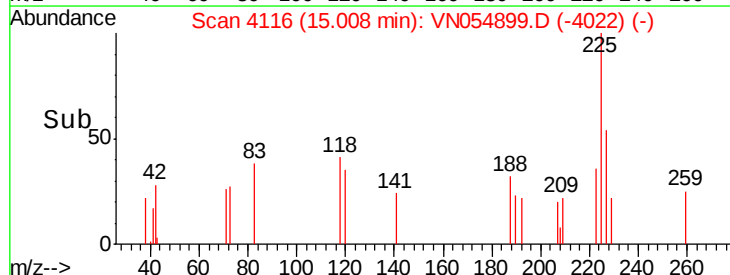
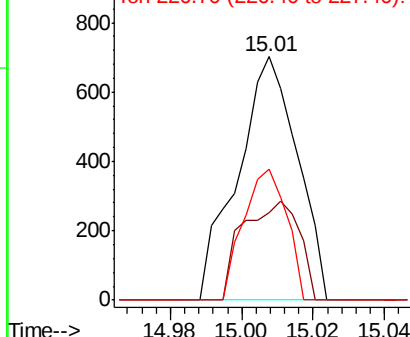


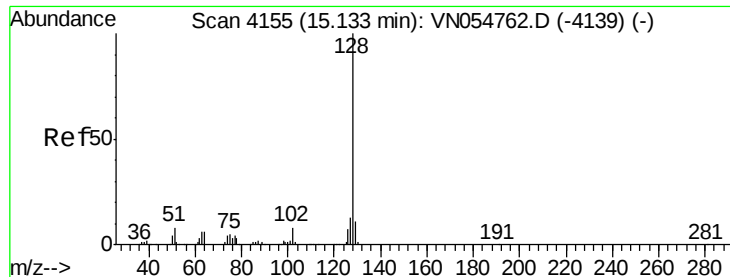
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054899.D
 Acq: 2 Apr 2019 14:05

Tgt Ion:225 Resp: 813
 Ion Ratio Lower Upper
 225 100
 223 38.4 31.1 93.5
 227 38.7 31.9 95.9



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





#95

Naphthalene

Concen: 0.677 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

Instrument :

MSVOA_N

ClientSampled :

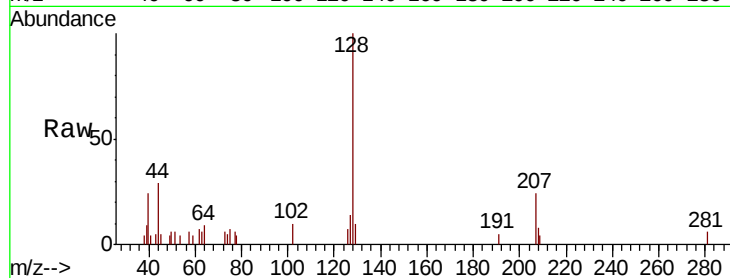
Tot Ion:128 Resp: 6772

Ion Ratio Lower Upper

128 100

127 14.2 10.1 15.1

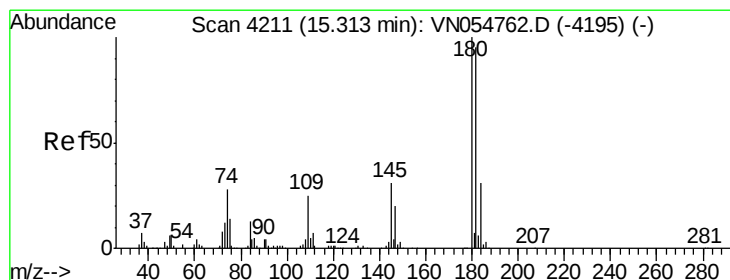
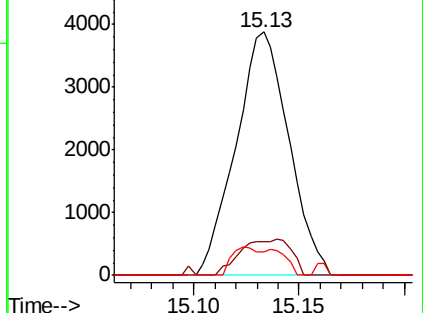
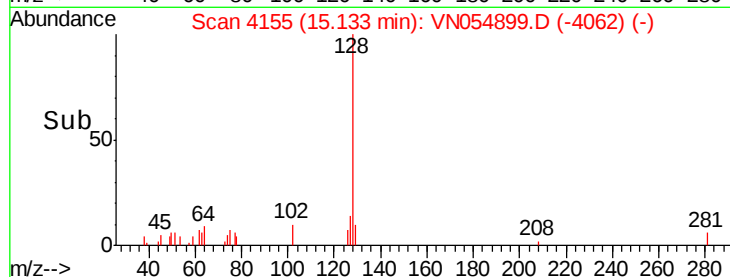
129 5.4 8.7 13.1#



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: 0.509 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN054899.D

Acq: 2 Apr 2019 14:05

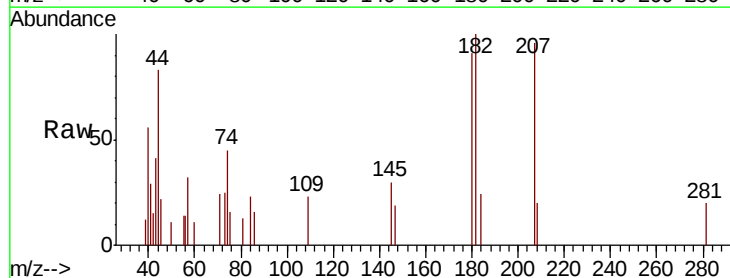
Tgt Ion:180 Resp: 2295

Ion Ratio Lower Upper

180 100

182 90.5 47.5 142.6

145 30.9 14.8 44.3



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

