

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033119\
 Data File : VN054849.D
 Acq On : 31 Mar 2019 14:39
 Operator : JC/SP
 Sample : K2179-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 01 02:46:22 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	518795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	866345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	742488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	263531	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	359385	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
35) Dibromofluoromethane	7.59	113	280227	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
50) Toluene-d8	10.09	98	1040857	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.40	95	320944	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	

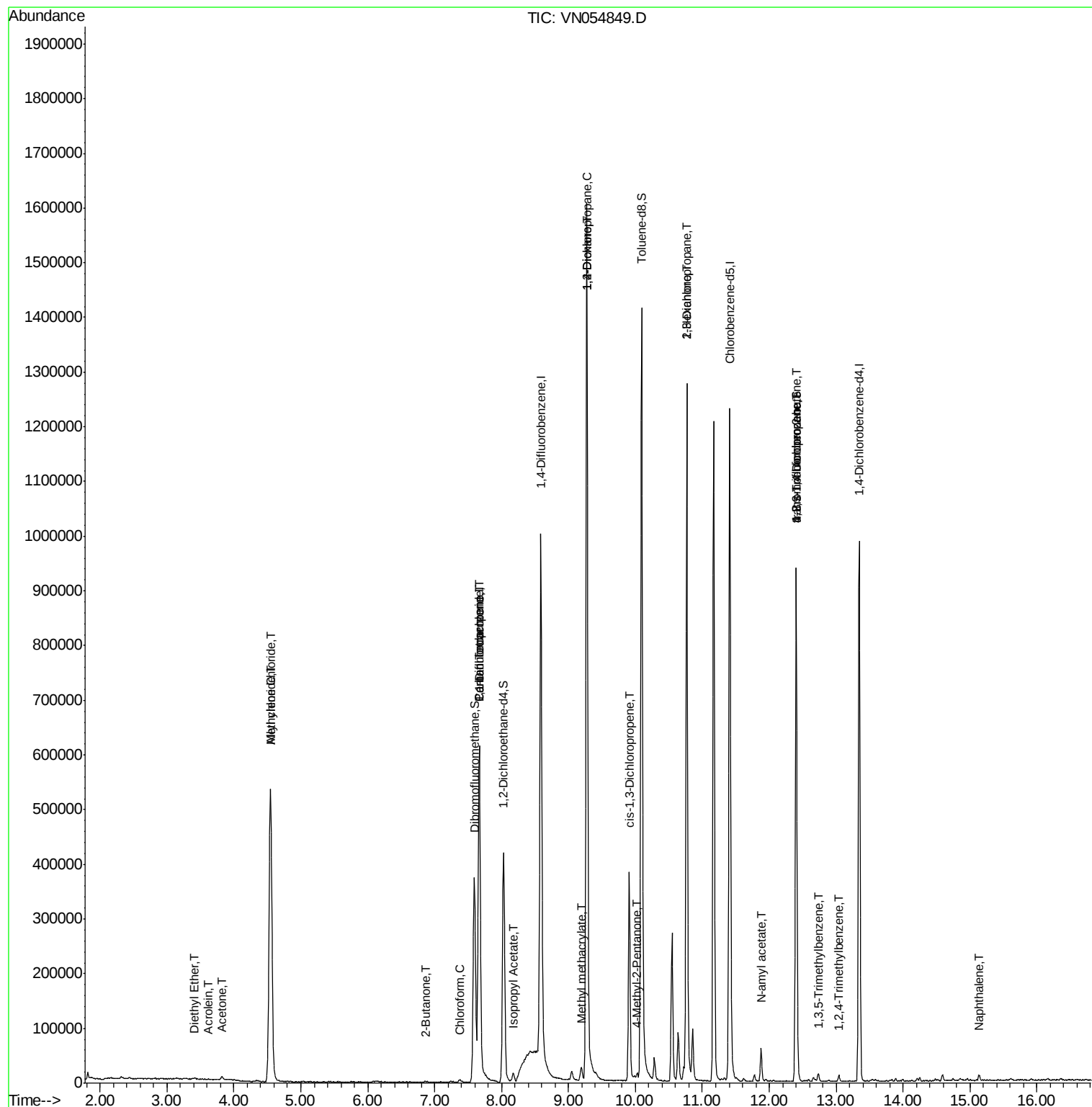
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	202	Below Cal	#	2
8) Diethyl Ether	3.41	74	619	0.240	ug/l #	27
13) Acrolein	3.61	56	219	0.672	ug/l #	1
14) Allyl chloride	4.54	41	15295	1.523	ug/l #	22
16) Acetone	3.82	43	7769	4.659	ug/l #	81
18) Methyl Acetate	4.34	43	1558	Below Cal	#	80
20) Methylene Chloride	4.54	84	371925	63.224	ug/l #	81
25) 2-Butanone	6.87	43	1471	0.597	ug/l	96
30) Chloroform	7.37	83	2023	0.200	ug/l #	61
31) Cyclohexane	7.66	56	11144	Below Cal	#	14
36) 1,1-Dichloropropene	7.66	75	40223	4.983	ug/l #	48
38) Carbon Tetrachloride	7.67	117	51215	6.532	ug/l #	16
43) Isopropyl Acetate	8.17	43	19240	2.000	ug/l #	90
45) 1,2-Dichloropropane	9.28	63	2110	0.320	ug/l #	43
48) Methyl methacrylate	9.18	41	9269	1.778	ug/l #	11
49) 1,4-Dioxane	9.28	88	36	0.696	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	9609	1.777	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	64347	7.437	ug/l #	70
57) 1,3-Dichloropropane	10.77	76	11543	1.314	ug/l #	43
59) 2-Hexanone	10.77	43	204617	59.104	ug/l #	48
74) N-amyl acetate	11.88	43	21242	3.165	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.40	83	294	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	167812	36.655	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6775	0.383	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	167812	142.579	ug/l #	11
83) tert-Butylbenzene	13.04	119	695	Below Cal	#	75
84) 1,2,4-Trimethylbenzene	13.04	105	6456	0.383	ug/l	96
95) Naphthalene	15.13	128	9295	0.979	ug/l	98

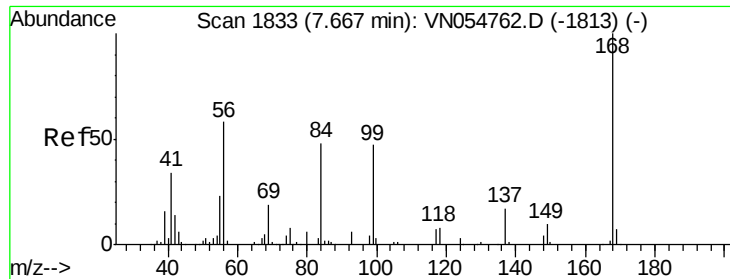
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 00:48:18 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: VN054849.D

Acq: 31 Mar 2019 14:39

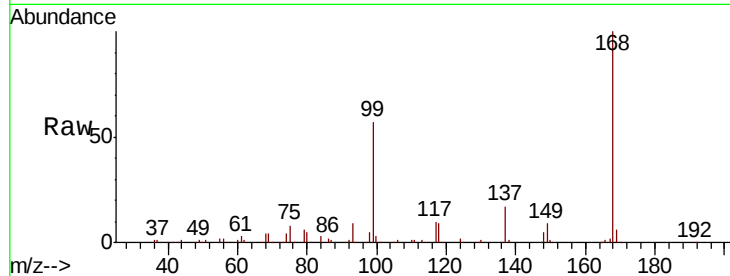
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 518795

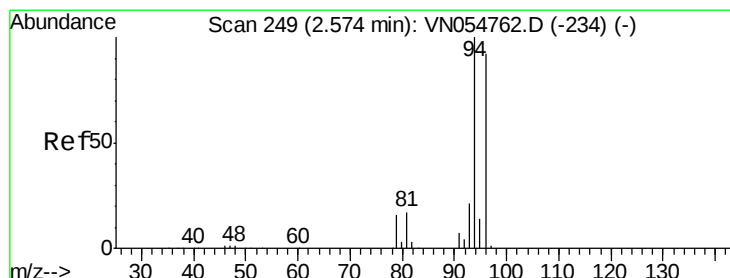
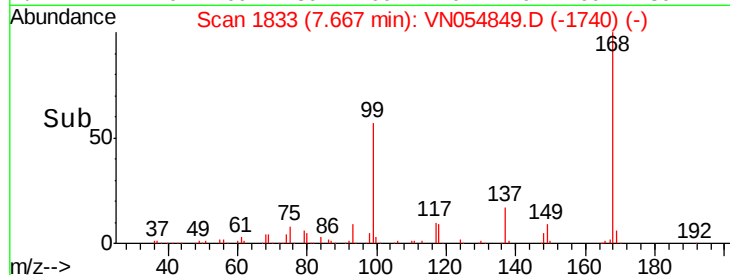
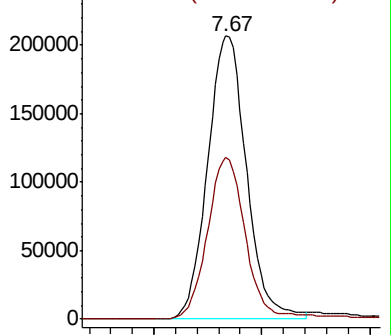
Ion Ratio Lower Upper

168 100

99 57.1 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN054849.D

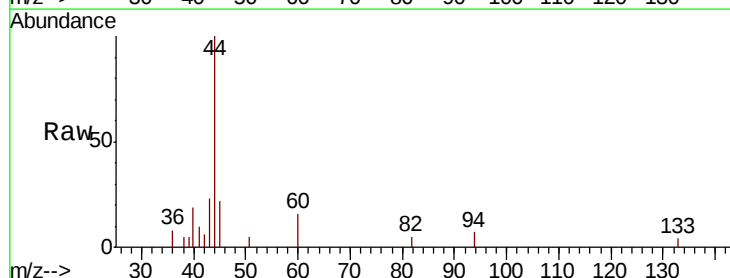
Acq: 31 Mar 2019 14:39

Tgt Ion: 94 Resp: 202

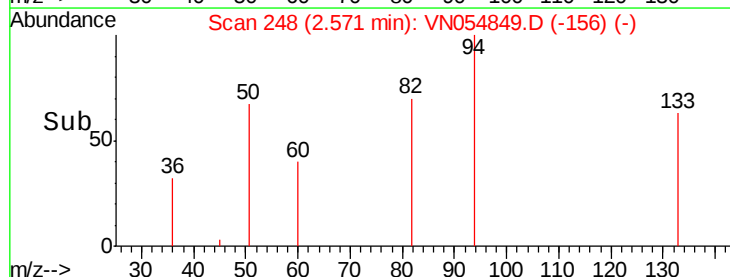
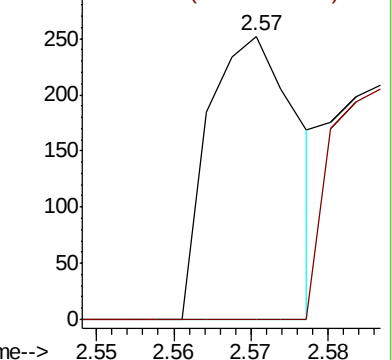
Ion Ratio Lower Upper

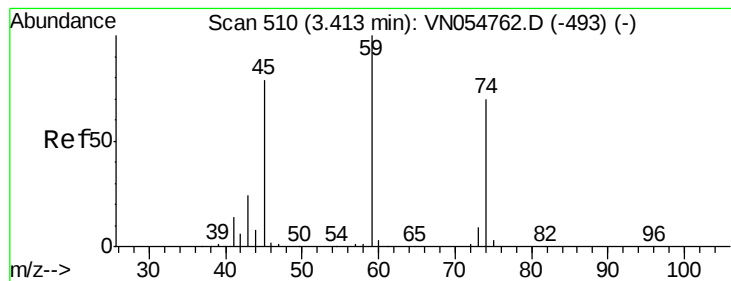
94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054762.D (-234) (-)





#8

Diethyl Ether

Concen: 0.240 ug/l

RT: 3.41 min Scan# 510

Delta R.T. -0.00 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

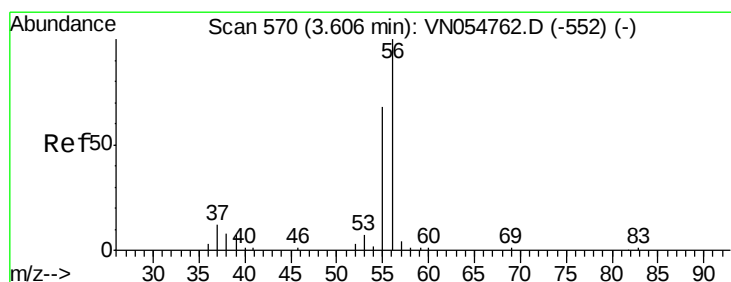
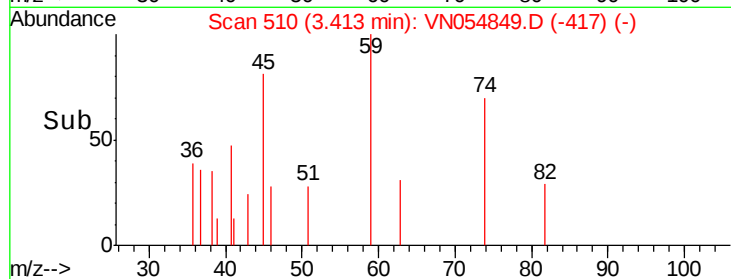
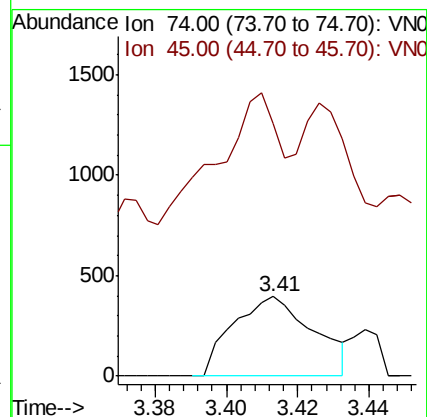
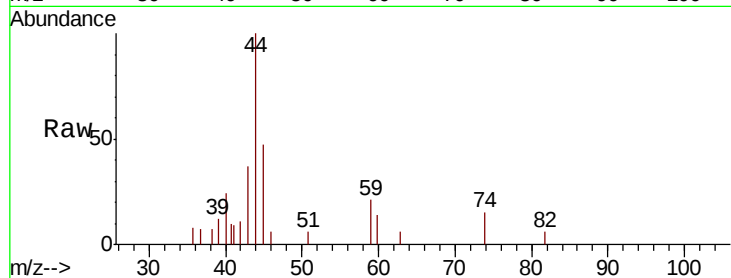
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 74 Resp: 619

Ion Ratio Lower Upper

74 100

45 153.5 43.1 129.4#



#13

Acrolein

Concen: 0.672 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054849.D

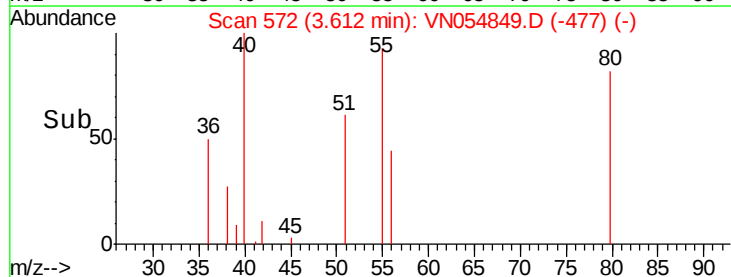
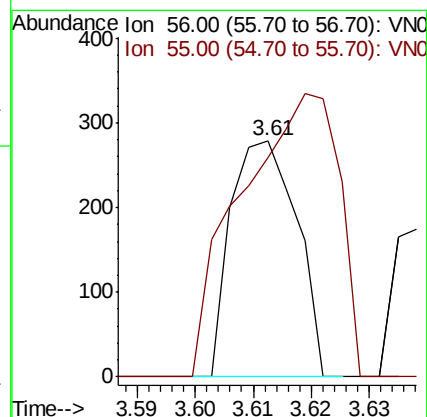
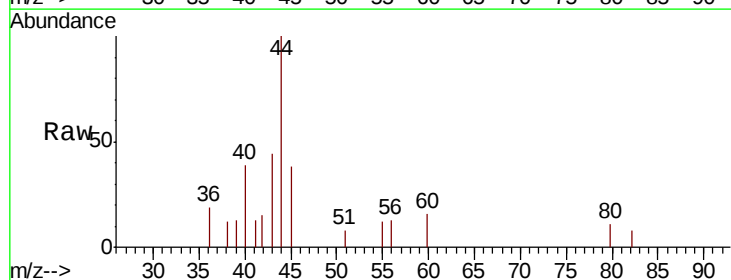
Acq: 31 Mar 2019 14:39

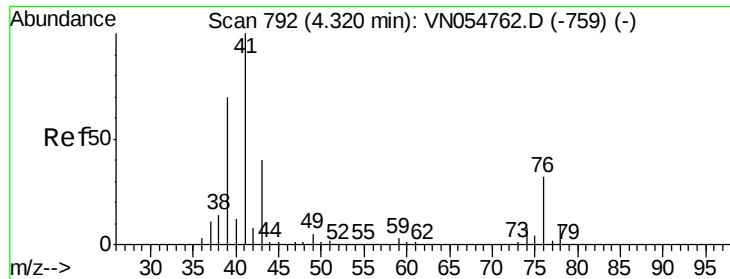
Tgt Ion: 56 Resp: 219

Ion Ratio Lower Upper

56 100

55 179.5 56.7 85.1#

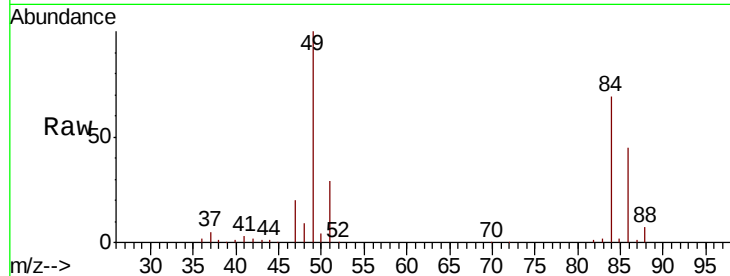




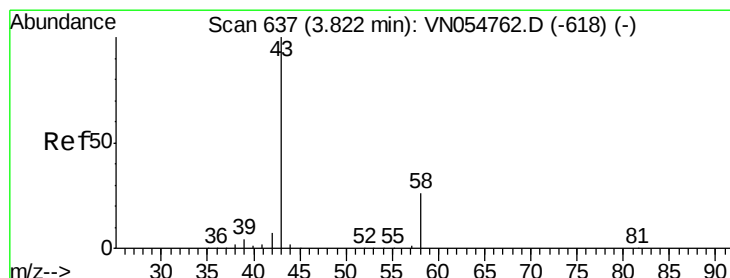
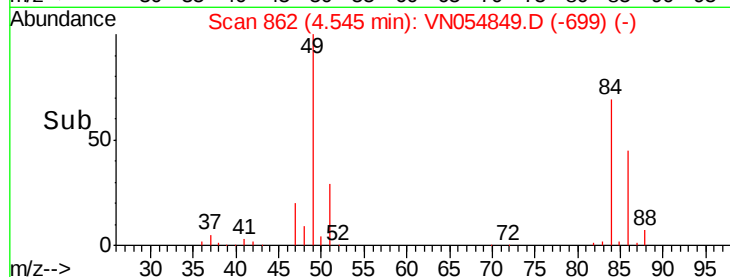
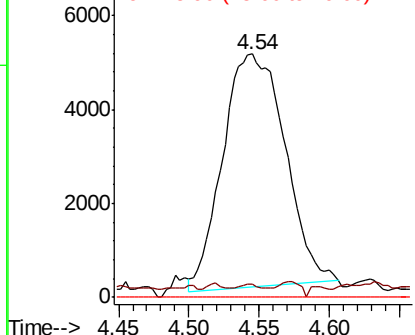
#14
Allvl chloride
Concen: 1.523 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.22 min
Lab File: VN054849.D
Acq: 31 Mar 2019 14:39

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 15295
Ion Ratio Lower Upper
41 100
39 0.6 58.2 87.4#
76 0.0 31.7 47.5#

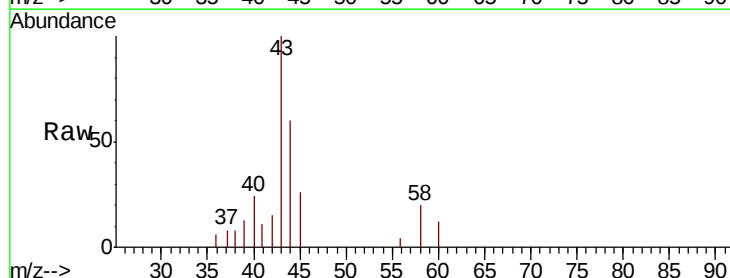


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0

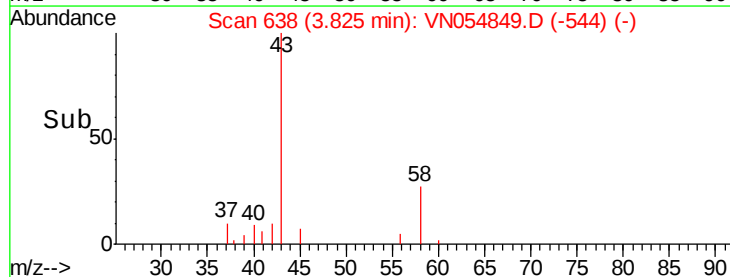
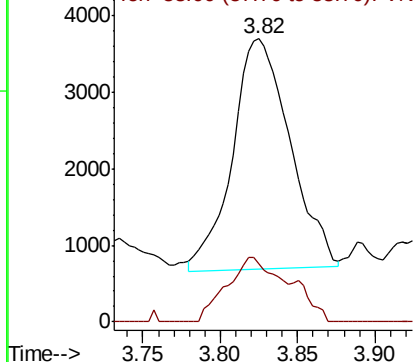


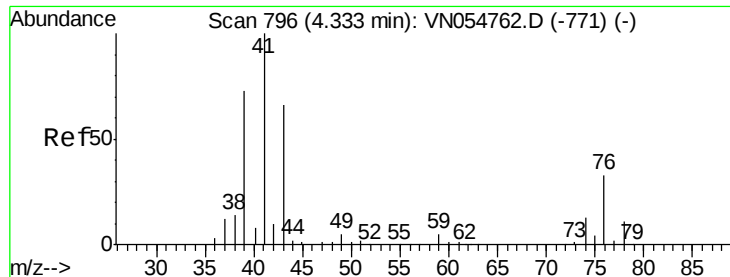
#16
Acetone
Concen: 4.659 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.00 min
Lab File: VN054849.D
Acq: 31 Mar 2019 14:39

Tgt Ion: 43 Resp: 7769
Ion Ratio Lower Upper
43 100
58 26.0 29.9 44.9#



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

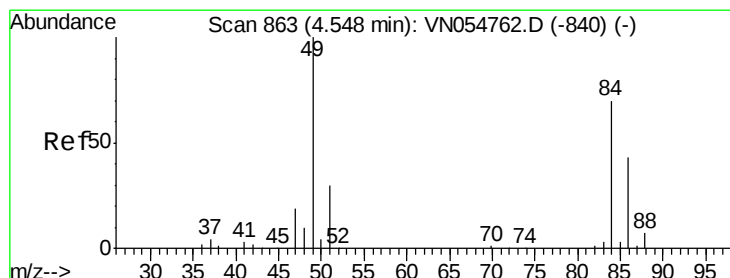
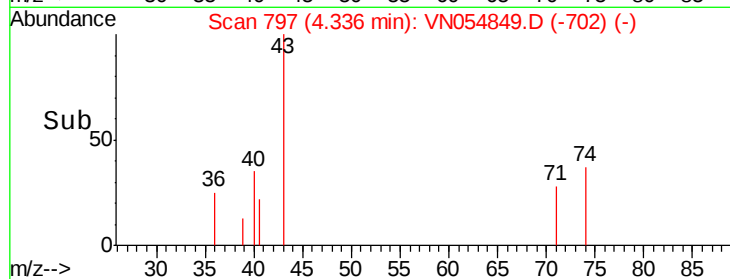
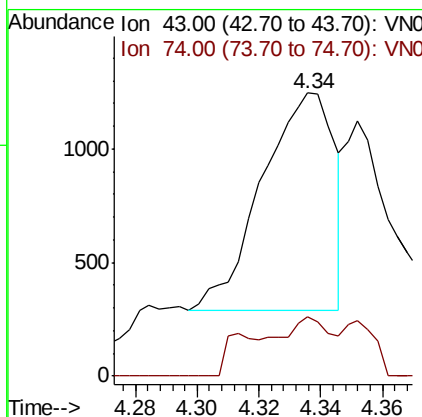
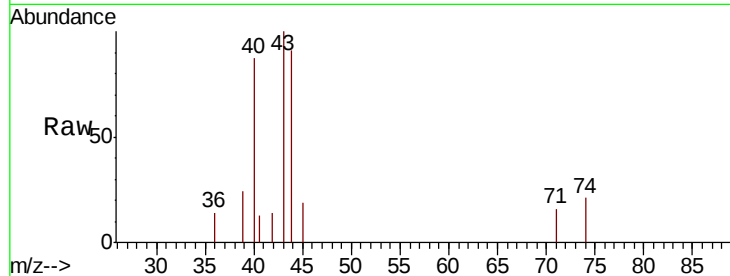




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.00 min
Lab File: VN054849.D
Acq: 31 Mar 2019 14:39

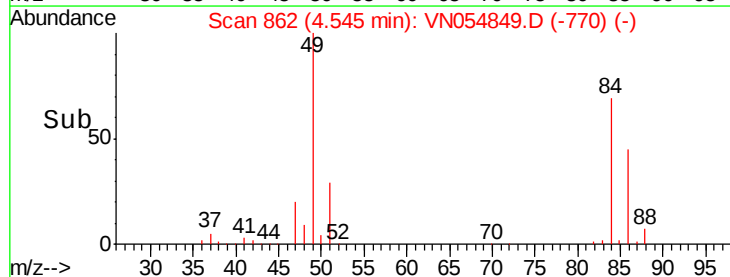
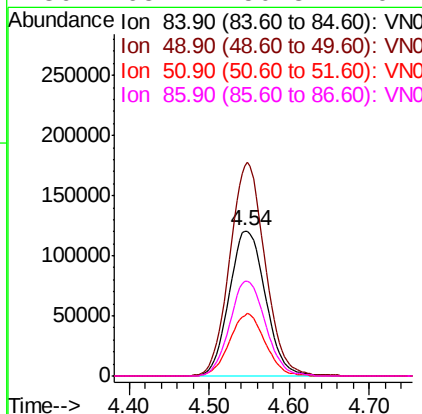
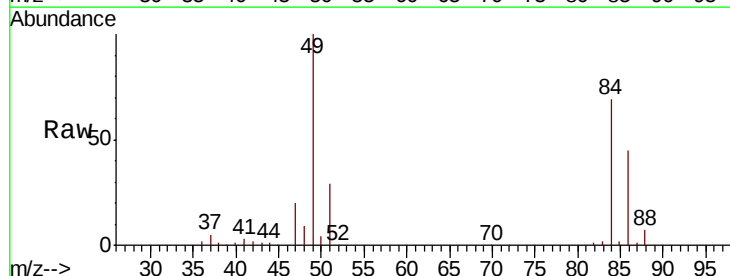
Instrument :
MSVOA_N
ClientSampled :

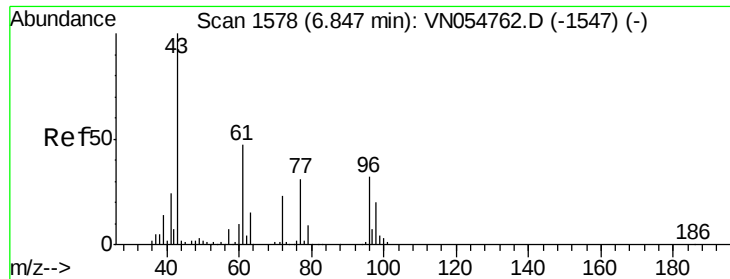
Tot Ion: 43 Resp: 1558
Ion Ratio Lower Upper
43 100
74 15.7 20.8 31.2#



#20
Methylene Chloride
Concen: 63.224 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054849.D
Acq: 31 Mar 2019 14:39

Tgt Ion: 84 Resp: 371925
Ion Ratio Lower Upper
84 100
49 144.6 89.7 134.5#
51 41.9 28.2 42.4
86 65.4 50.8 76.2

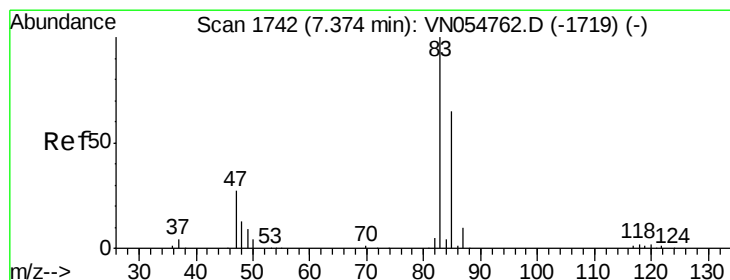
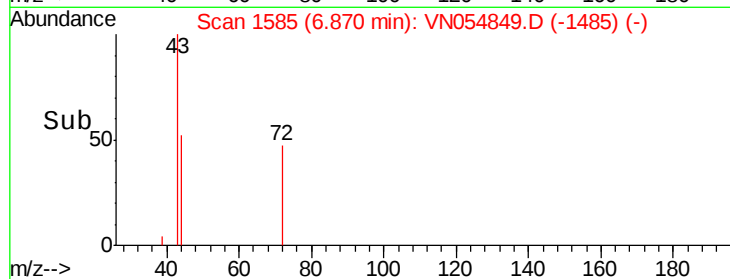
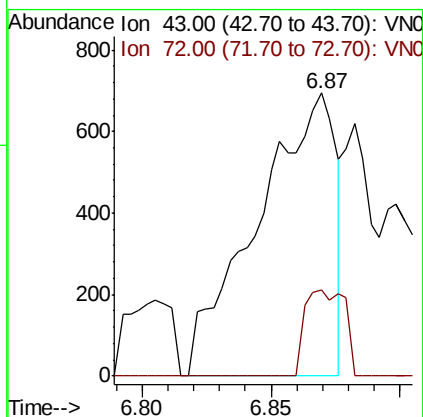
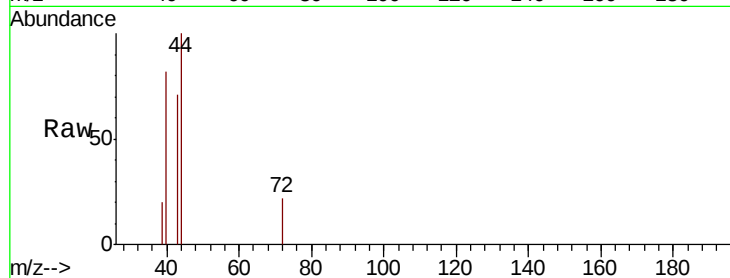




#25
2-Butanone
Concen: 0.597 ug/l
RT: 6.87 min Scan# 1585
Delta R.T. 0.02 min
Lab File: VN054849.D
Acq: 31 Mar 2019 14:39

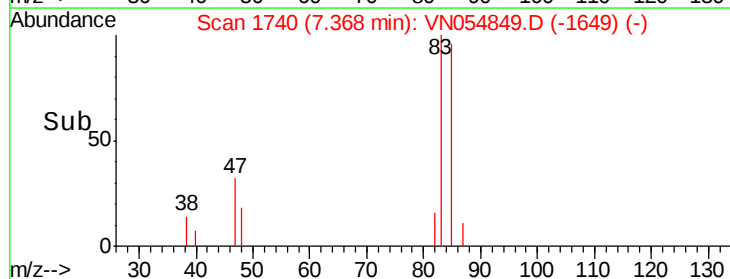
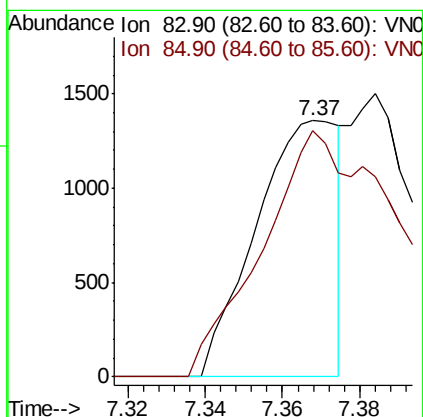
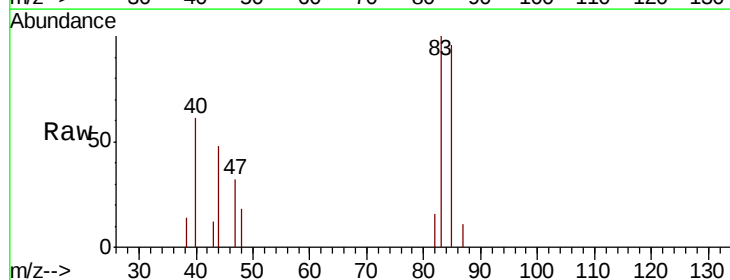
Instrument :
MSVOA_N
ClientSampled :

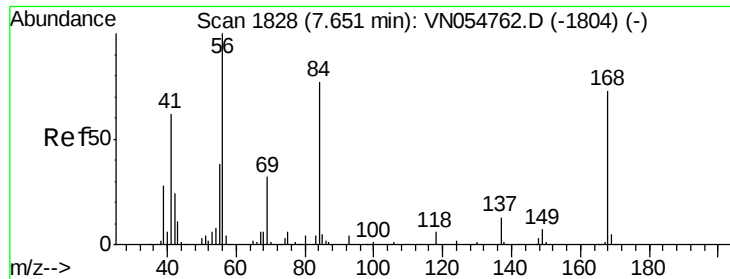
Tot Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
72 30.7 23.0 34.6



#30
Chloroform
Concen: 0.200 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VN054849.D
Acq: 31 Mar 2019 14:39

Tgt Ion: 83 Resp: 2023
Ion Ratio Lower Upper
83 100
85 96.4 52.2 78.4#





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

Instrument :
MSVOA_N
ClientSampleId :

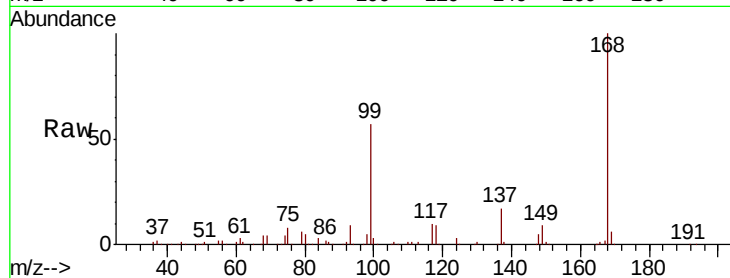
Tot Ion: 56 Resp: 11144

Ion Ratio Lower Upper

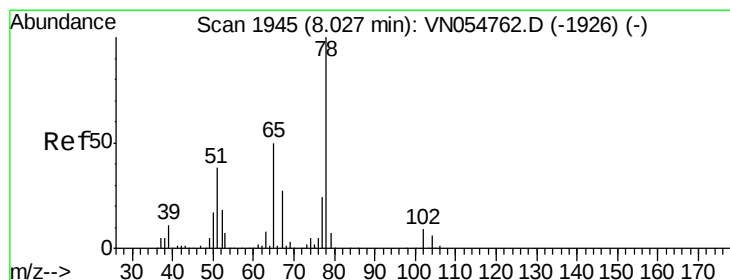
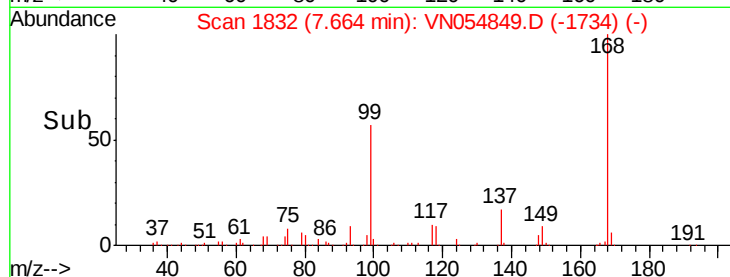
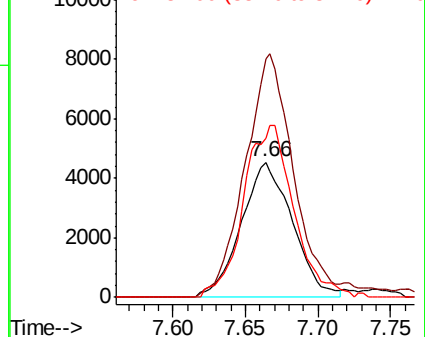
56 100

69 177.1 27.8 41.6#

84 118.4 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: 51.389 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054849.D

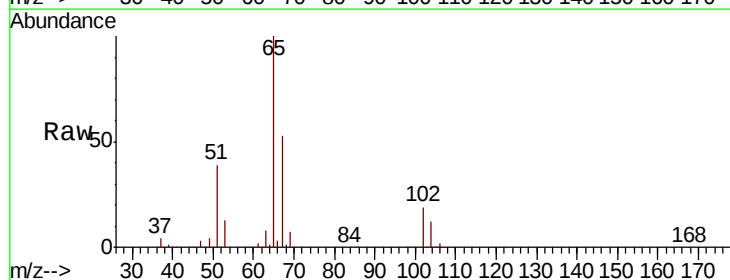
Acq: 31 Mar 2019 14:39

Tgt Ion: 65 Resp: 359385

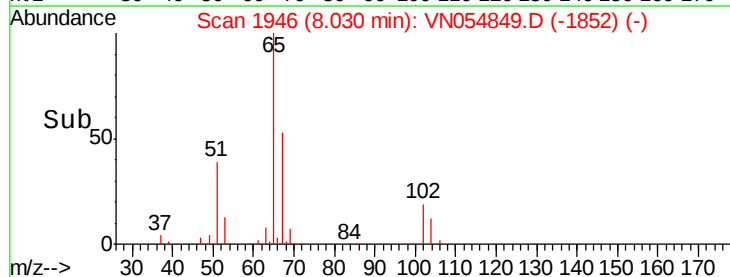
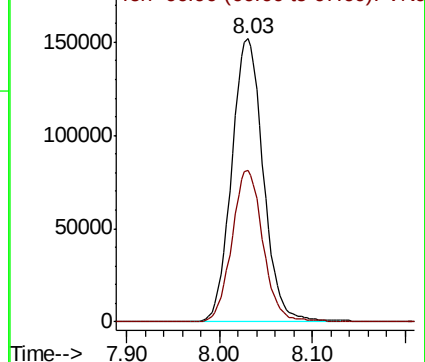
Ion Ratio Lower Upper

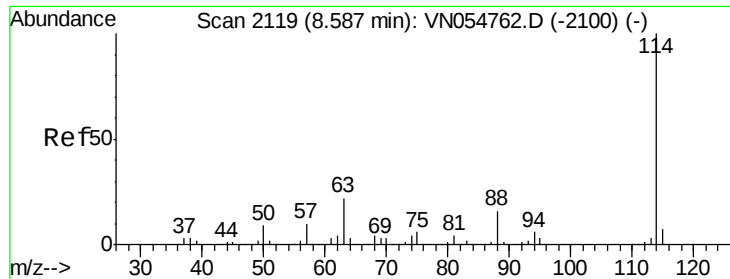
65 100

67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

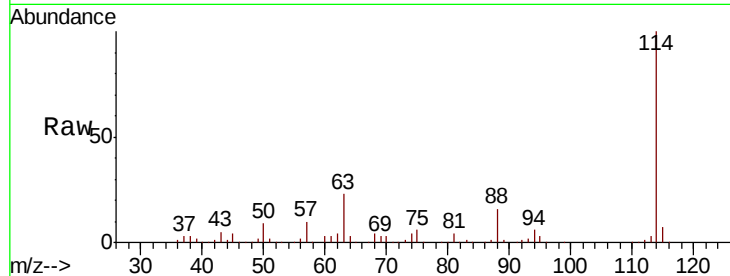




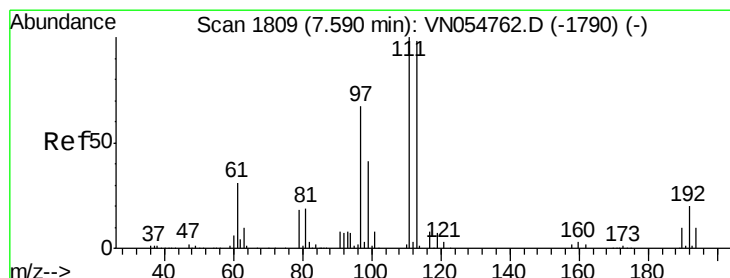
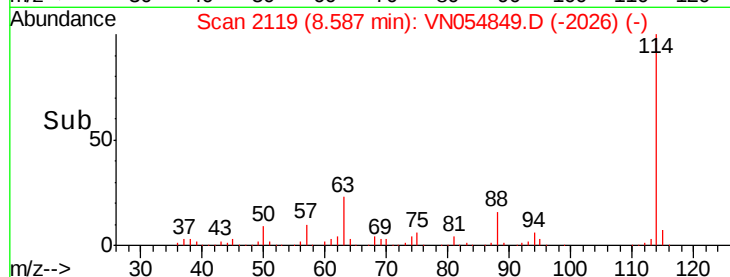
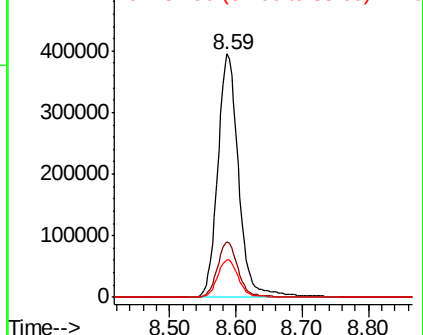
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054849.D
 Acq: 31 Mar 2019 14:39

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 866345
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 35.2
 88 15.6 0.0 30.2

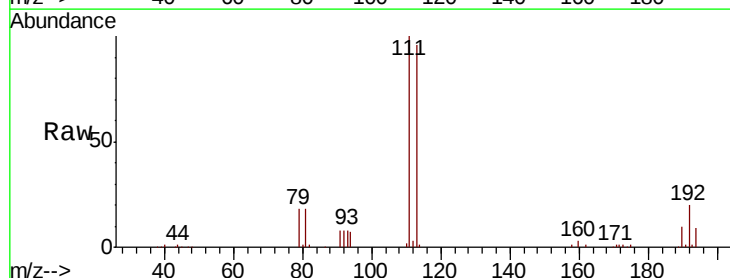


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

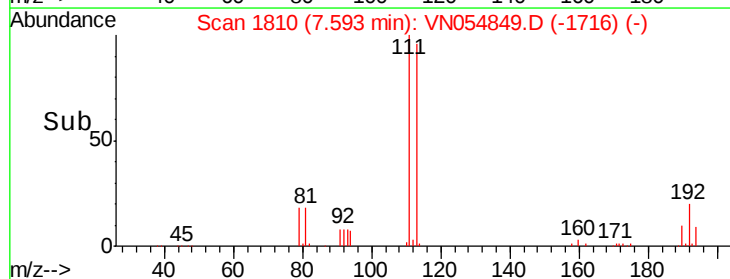
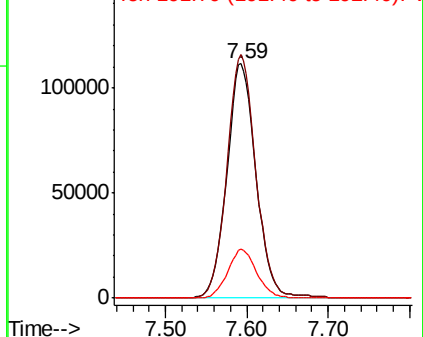


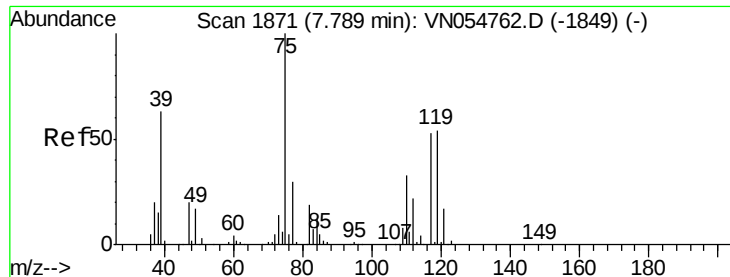
#35
 Dibromofluoromethane
 Concen: 48.517 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054849.D
 Acq: 31 Mar 2019 14:39

Tgt Ion:113 Resp: 280227
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.4
 192 20.7 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: 4.983 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

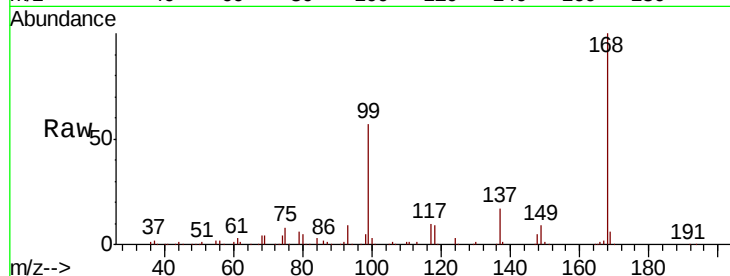
Tot Ion: 75 Resp: 40223

Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.5#

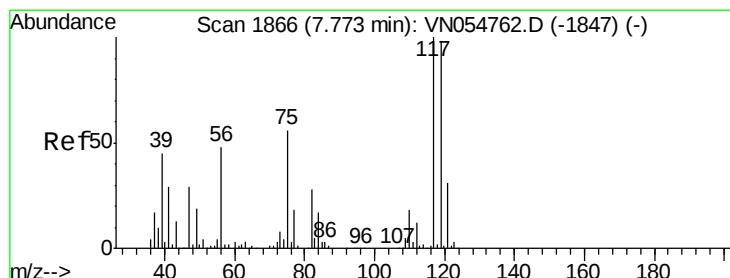
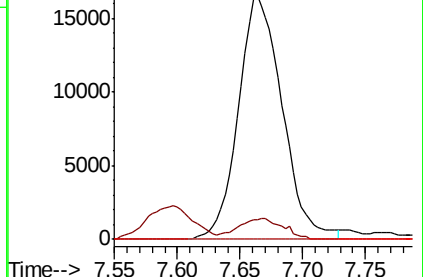
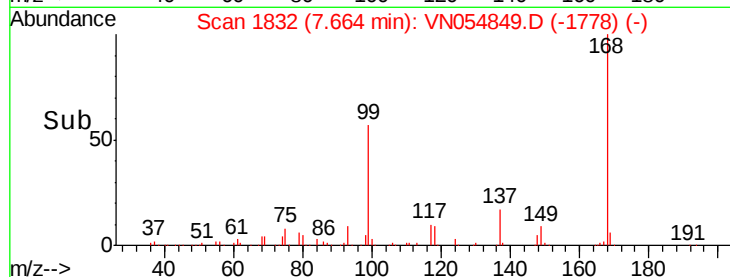
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN054849.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN054849.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN054849.D (-1778) (-)



#38

Carbon Tetrachloride

Concen: 6.532 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.10 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

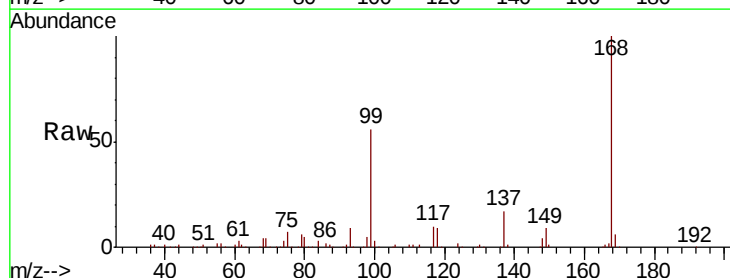
Tgt Ion: 117 Resp: 51215

Ion Ratio Lower Upper

117 100

119 4.5 76.3 114.5#

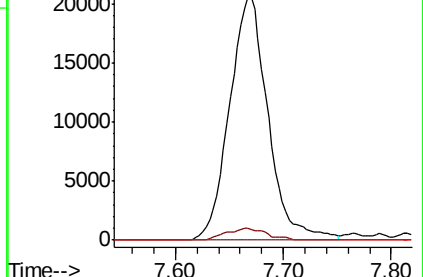
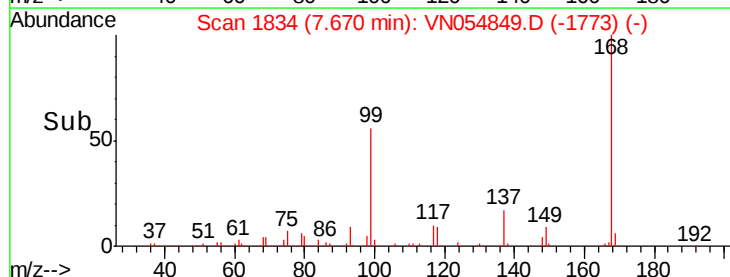
121 0.0 24.6 36.8#

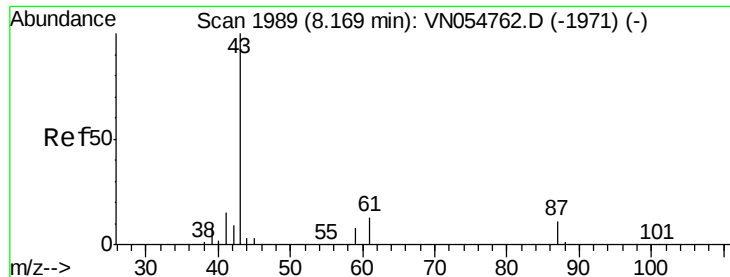


Abundance Ion 116.80 (116.50 to 117.50): VN054849.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN054849.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN054849.D (-1773) (-)





#43

Isopropyl Acetate

Concen: 2.000 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

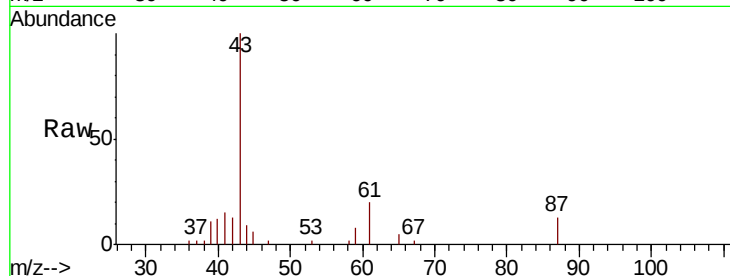
Tot Ion: 43 Resp: 19240

Ion Ratio Lower Upper

43 100

61 17.5 15.8 23.8

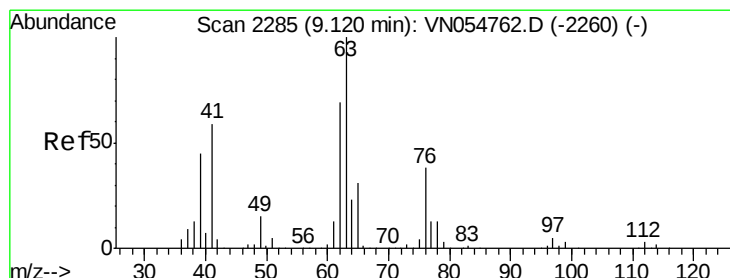
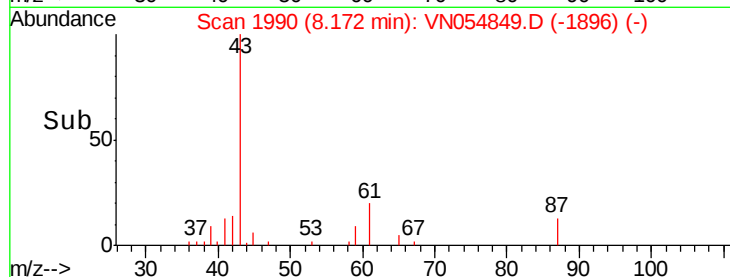
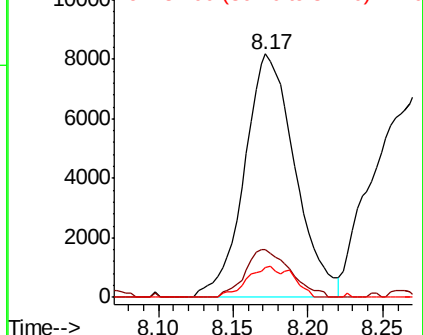
87 8.1 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.320 ug/l

RT: 9.28 min Scan# 2334

Delta R.T. 0.16 min

Lab File: VN054849.D

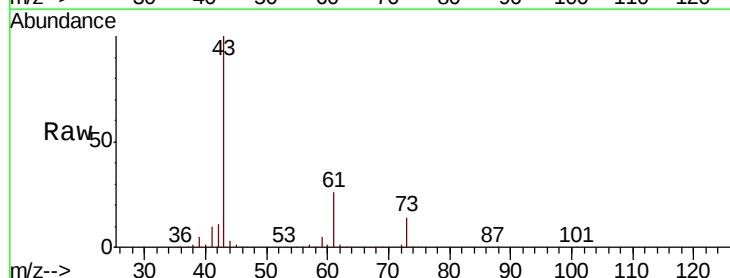
Acq: 31 Mar 2019 14:39

Tgt Ion: 63 Resp: 2110

Ion Ratio Lower Upper

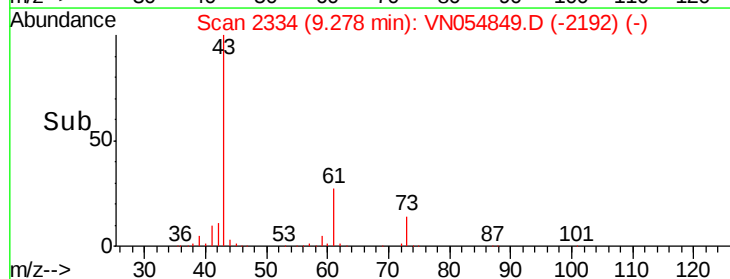
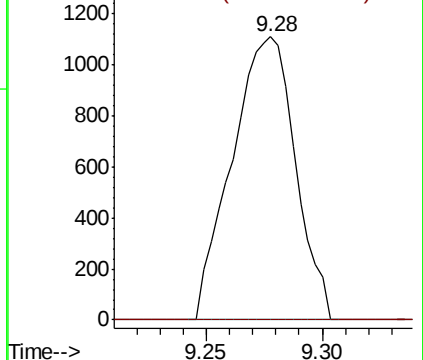
63 100

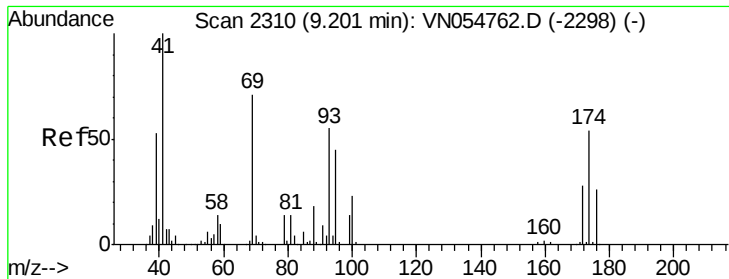
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#48

Methyl methacrylate

Concen: 1.778 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

Instrument :
MSVOA_N
ClientSampleId :

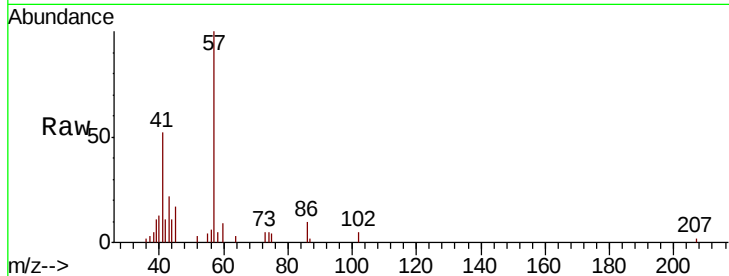
Tot Ion: 41 Resp: 9269

Ion Ratio Lower Upper

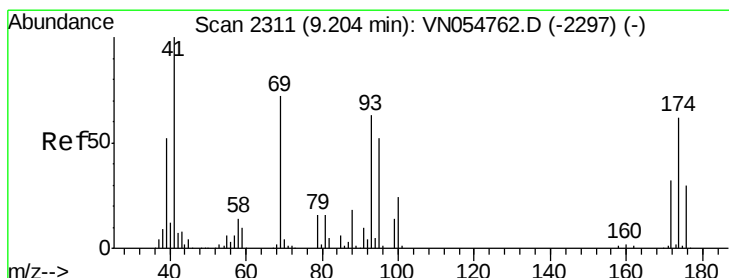
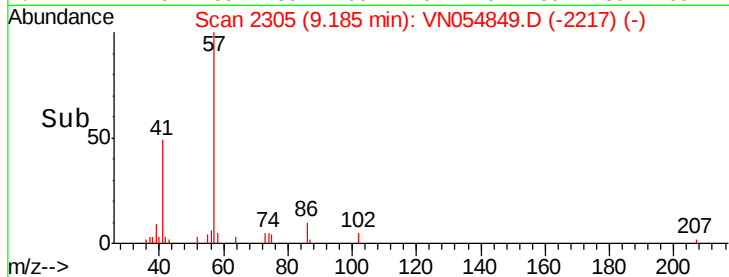
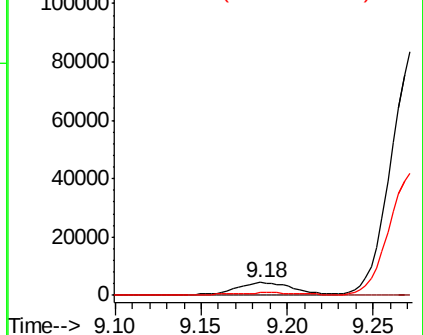
41 100

69 0.0 72.6 108.8#

39 0.0 47.5 71.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0



#49

1,4-Dioxane

Concen: 0.696 ug/l

RT: 9.28 min Scan# 2334

Delta R.T. 0.07 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

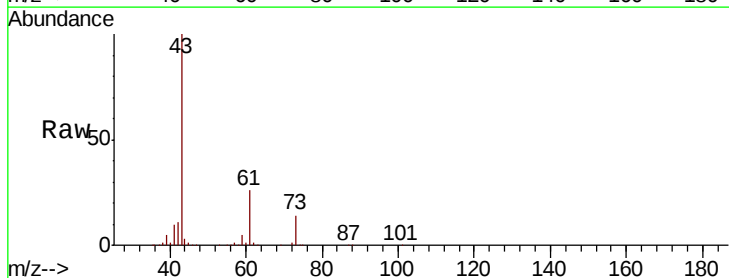
Tgt Ion: 88 Resp: 36

Ion Ratio Lower Upper

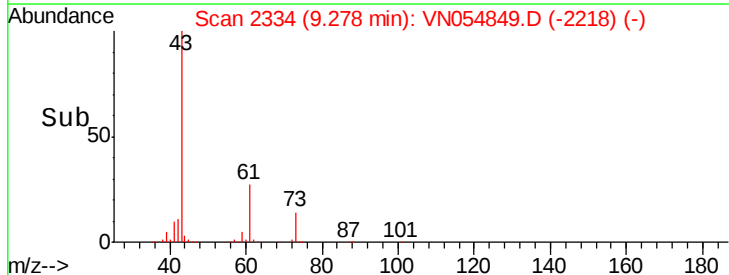
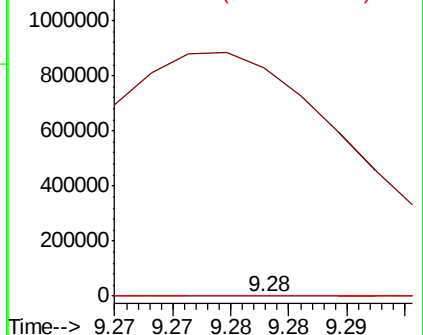
88 100

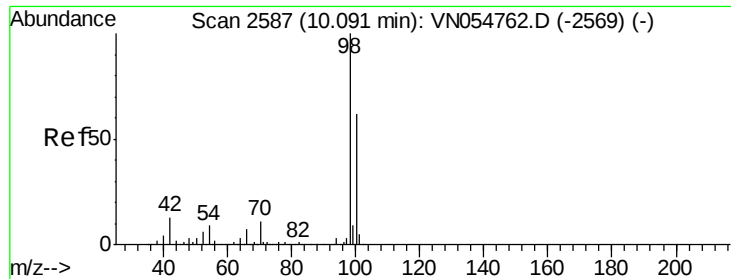
43 4754166.7 24.1 36.1#

58 17769.4 50.8 76.2#



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





#50

Toluene-d8

Concen: 48.472 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

Instrument :

MSVOA_N

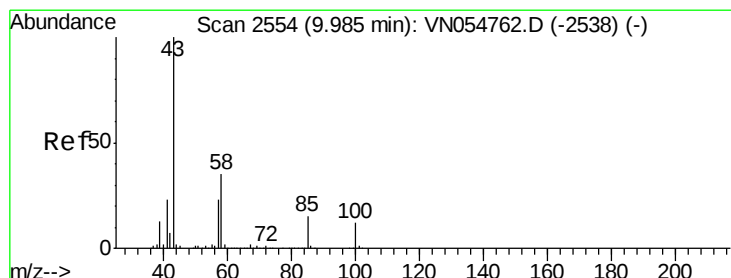
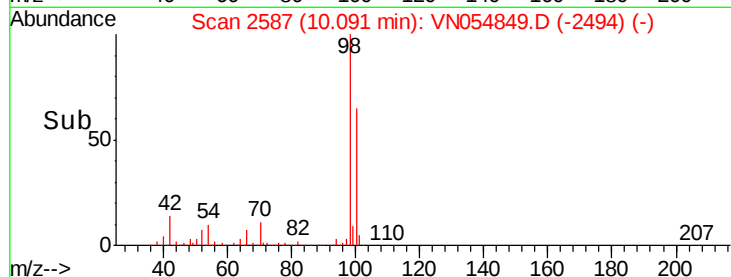
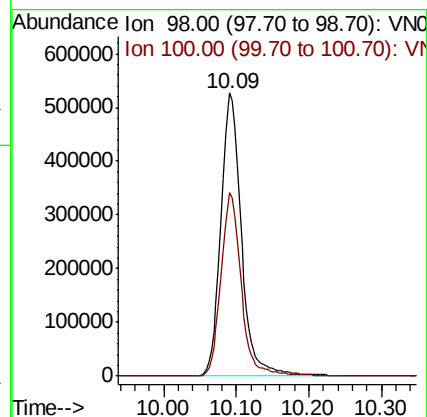
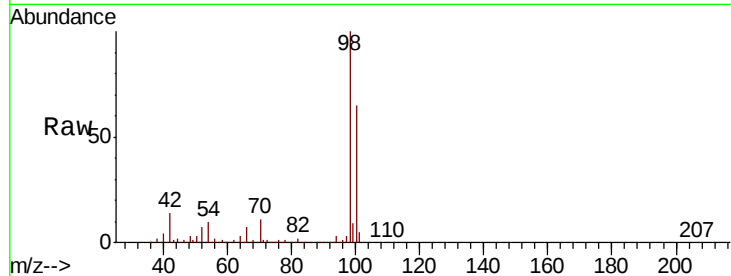
ClientSampled :

Tot Ion: 98 Resp: 1040857

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.777 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054849.D

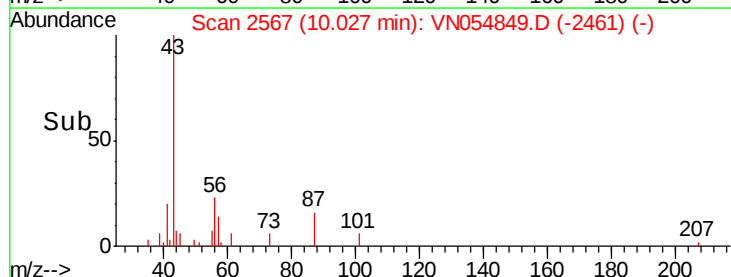
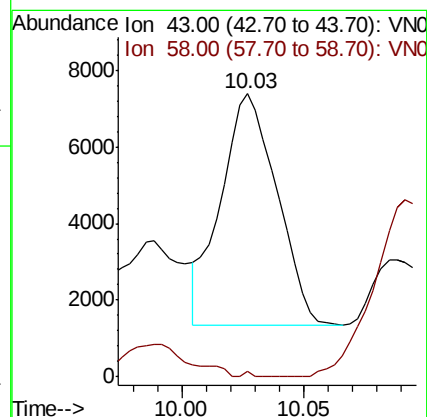
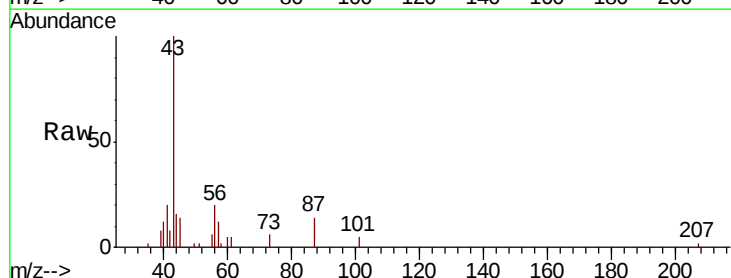
Acq: 31 Mar 2019 14:39

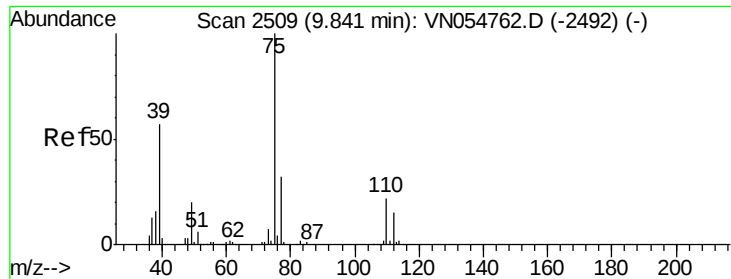
Tgt Ion: 43 Resp: 9609

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



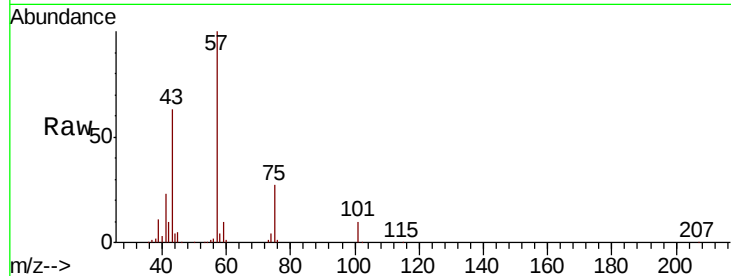


#54

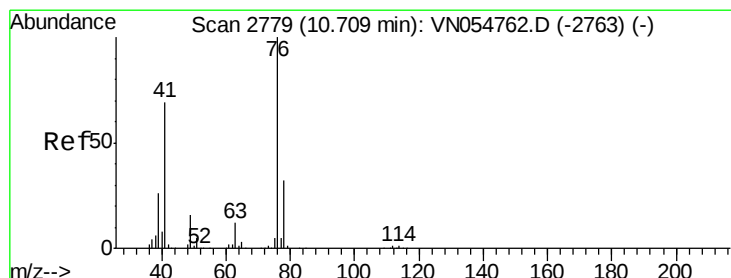
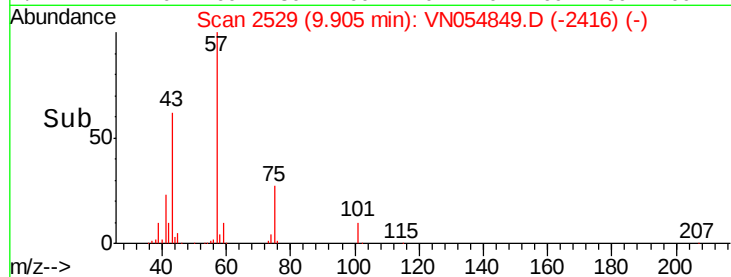
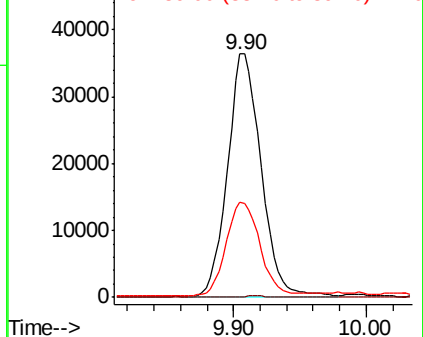
cis-1,3-Dichloropropene
 Concen: 7.437 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN054849.D
 Acq: 31 Mar 2019 14:39

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 64347
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 38.5 37.2 55.8



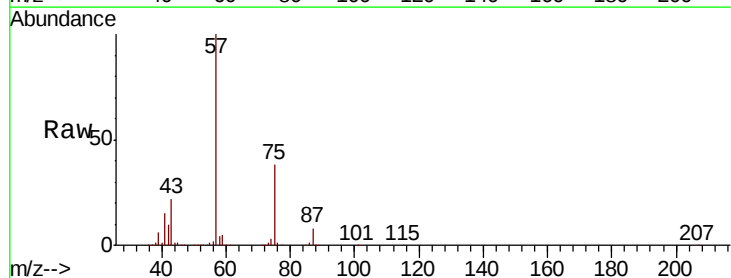
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



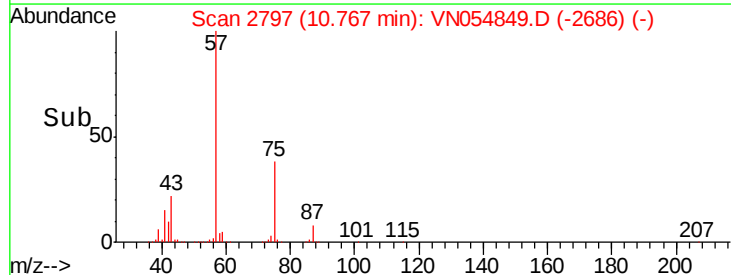
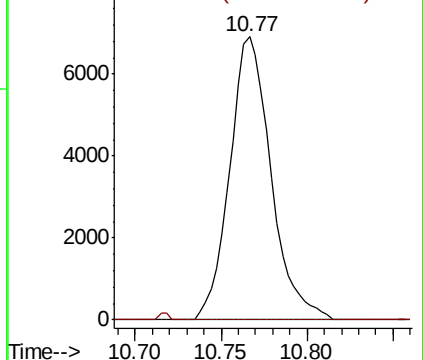
#57

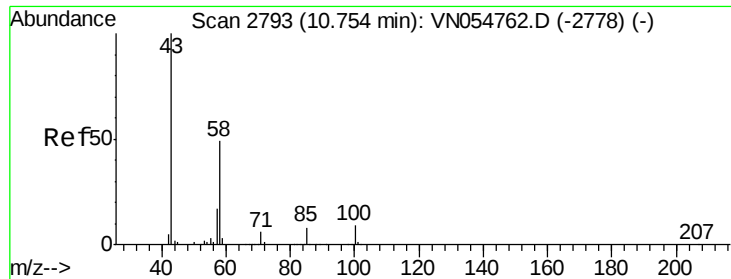
1,3-Dichloropropane
 Concen: 1.314 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054849.D
 Acq: 31 Mar 2019 14:39

Tgt Ion: 76 Resp: 11543
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 59.104 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

Instrument :

MSVOA_N

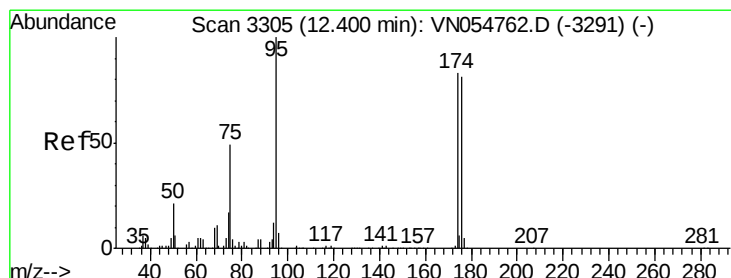
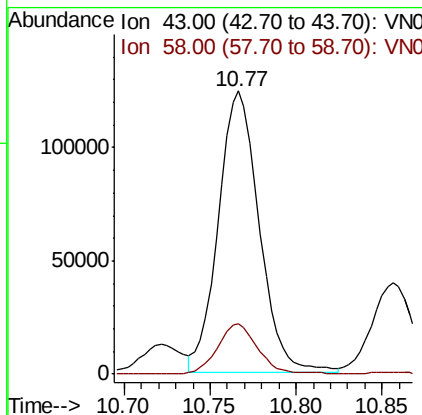
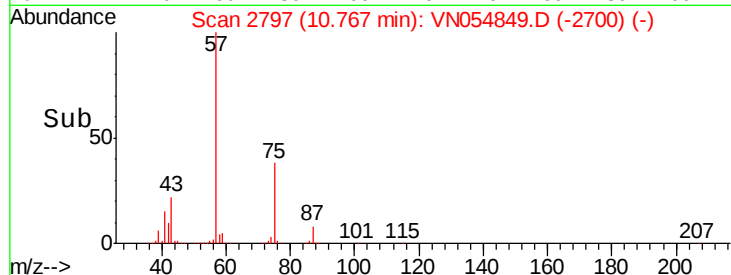
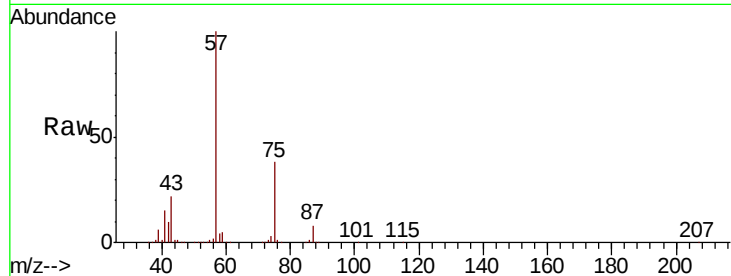
ClientSampled :

Tot Ion: 43 Resp: 204617

Ion Ratio Lower Upper

43 100

58 17.9 28.0 83.9#



#62

4-Bromofluorobenzene

Concen: 44.941 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

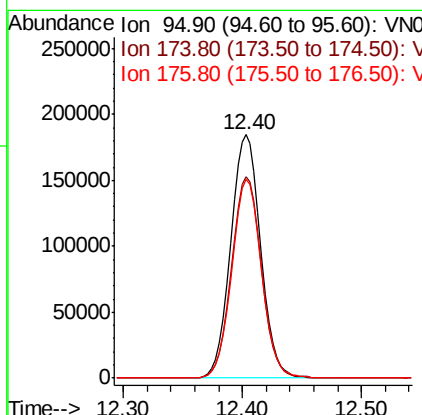
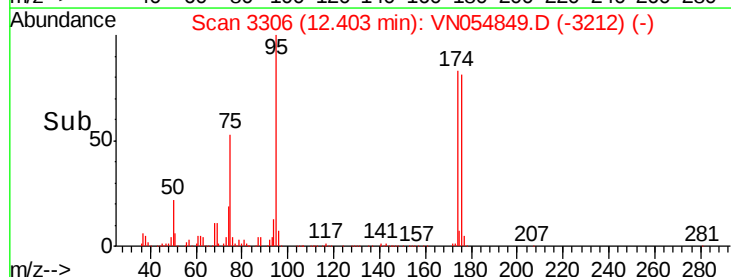
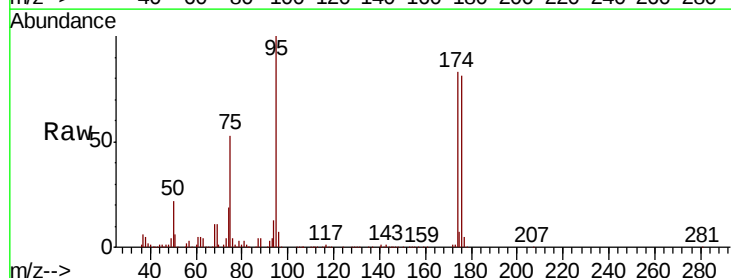
Tgt Ion: 95 Resp: 320944

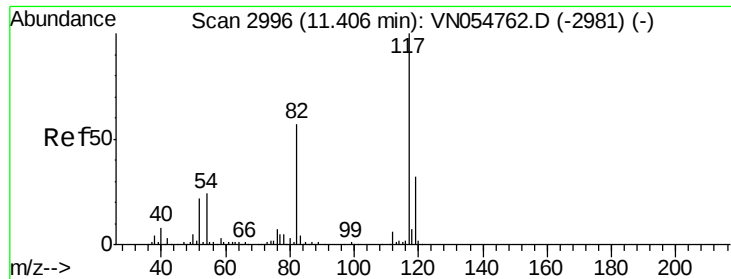
Ion Ratio Lower Upper

95 100

174 82.7 0.0 191.0

176 81.1 0.0 187.4

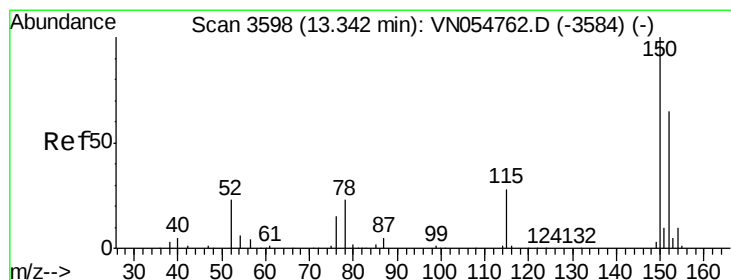
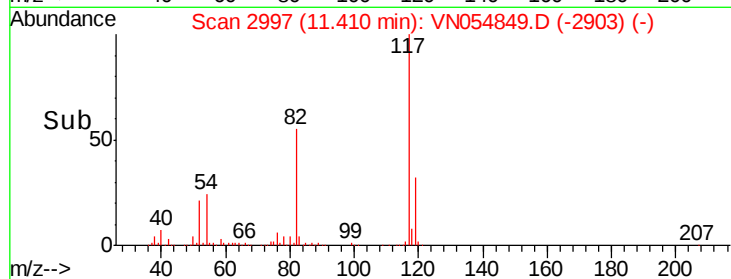
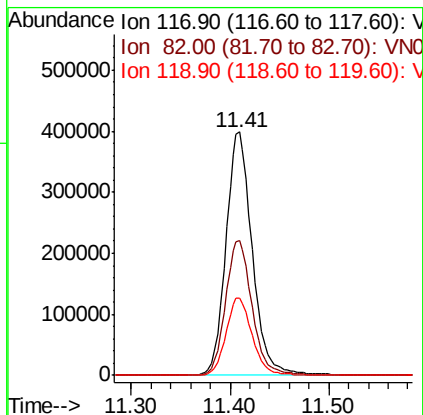
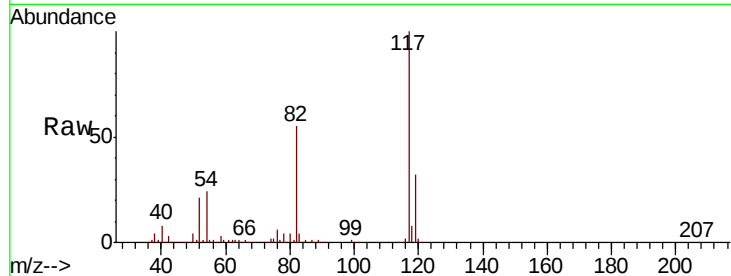




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054849.D
Acq: 31 Mar 2019 14:39

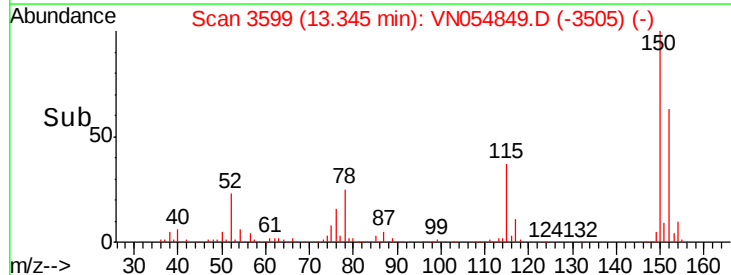
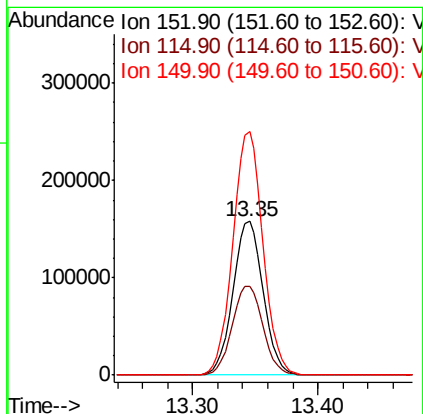
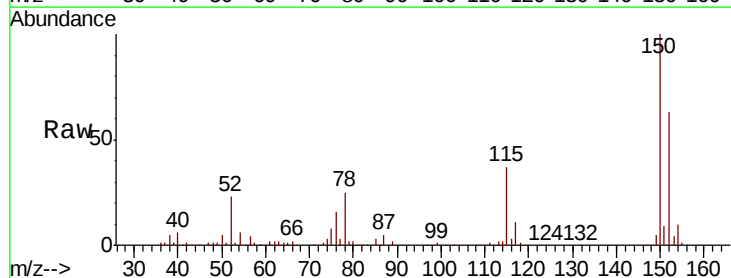
Instrument :
MSVOA_N
ClientSampleId :

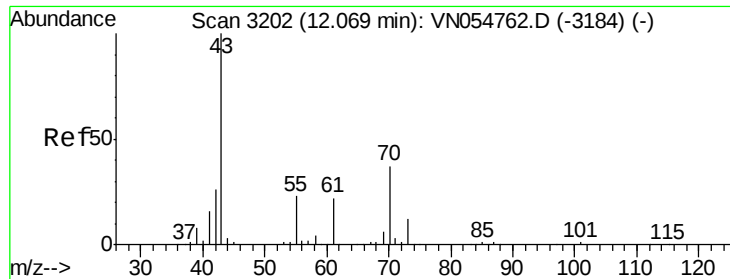
Tot Ion:117 Resp: 742488
Ion Ratio Lower Upper
117 100
82 55.4 40.0 60.0
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054849.D
Acq: 31 Mar 2019 14:39

Tgt Ion:152 Resp: 263531
Ion Ratio Lower Upper
152 100
115 59.2 27.2 81.6
150 158.0 0.0 349.2





#74

N-amvl acetate

Concen: 3.165 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 21242

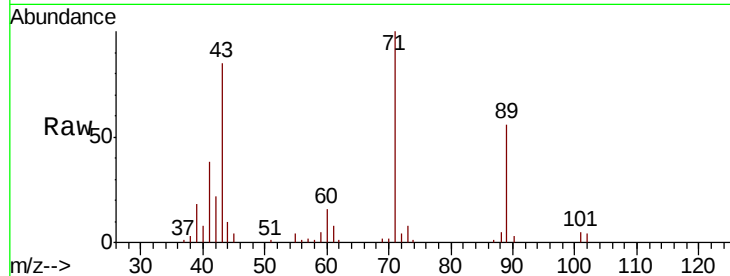
Ion Ratio Lower Upper

43 100

70 1.2 35.4 53.0#

55 5.0 19.8 29.6#

61 9.5 19.8 29.6#

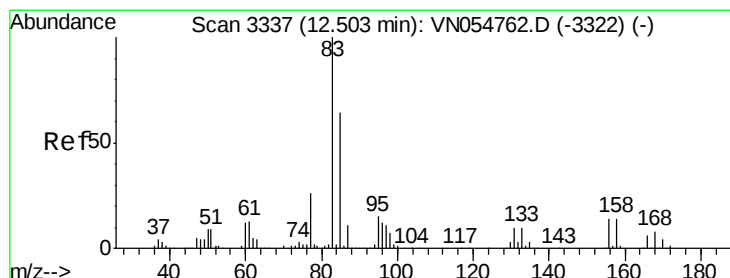
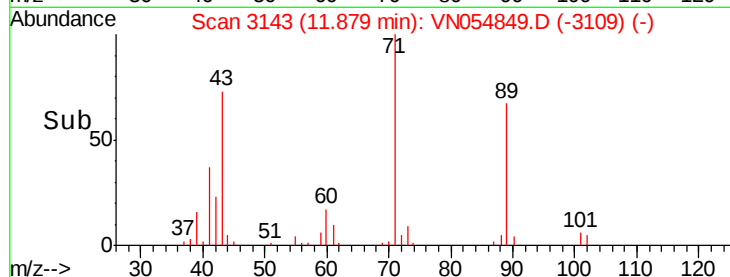
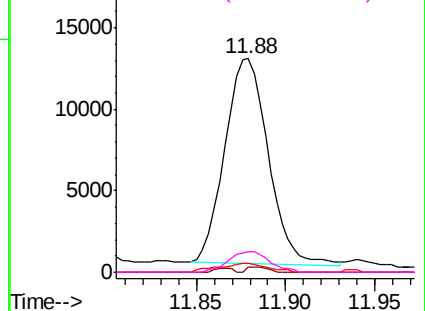


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.10 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

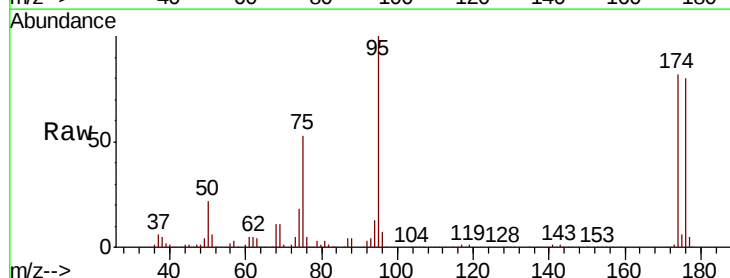
Tgt Ion: 83 Resp: 294

Ion Ratio Lower Upper

83 100

131 119.4 5.8 17.4#

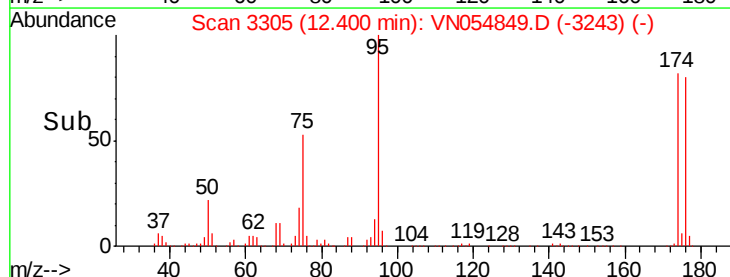
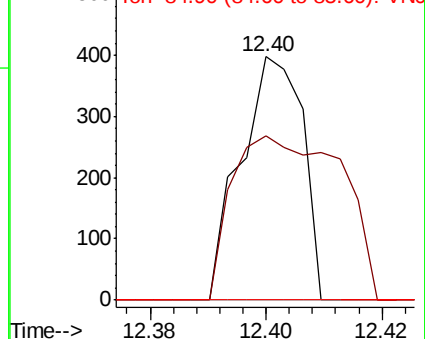
85 0.0 32.2 96.6#

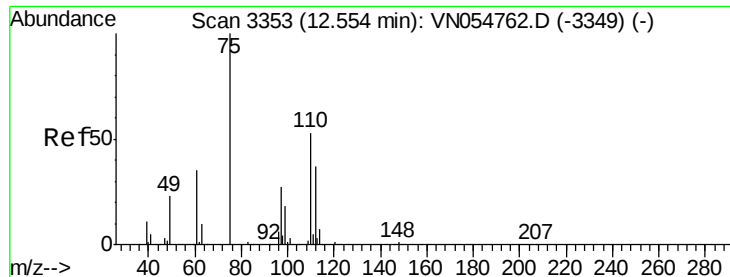


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 36.655 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

Instrument :

MSVOA_N

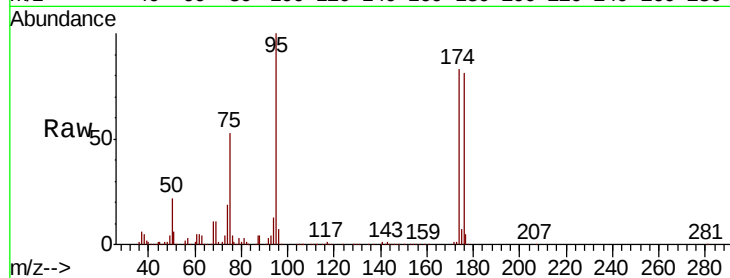
ClientSampled :

Tot Ion: 75 Resp: 167812

Ion Ratio Lower Upper

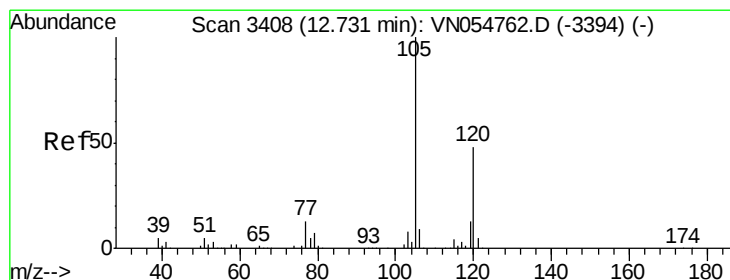
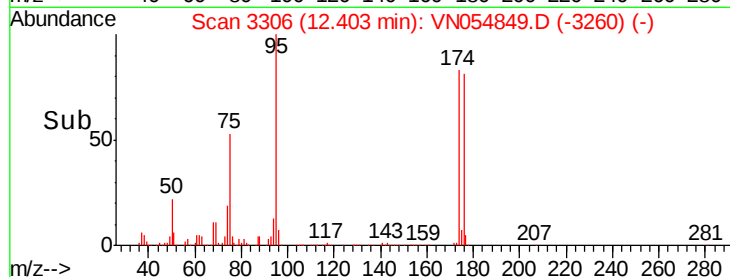
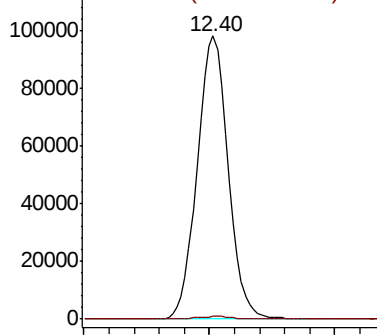
75 100

77 1.0 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: 0.383 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054849.D

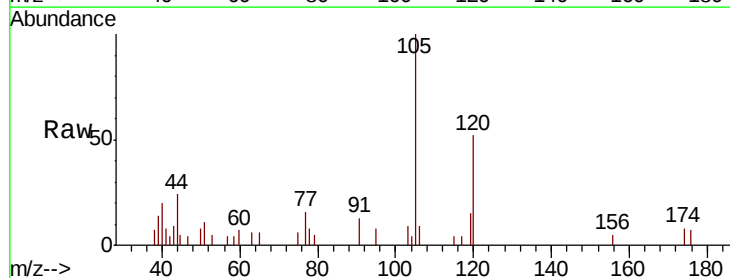
Acq: 31 Mar 2019 14:39

Tgt Ion: 105 Resp: 6775

Ion Ratio Lower Upper

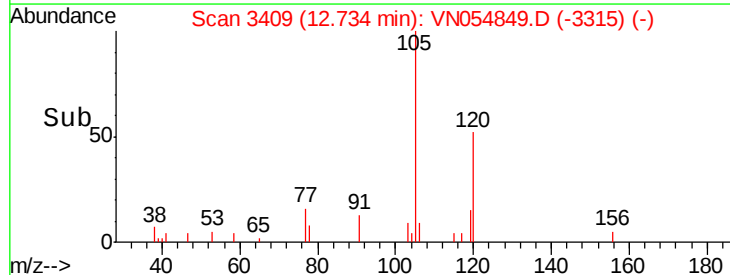
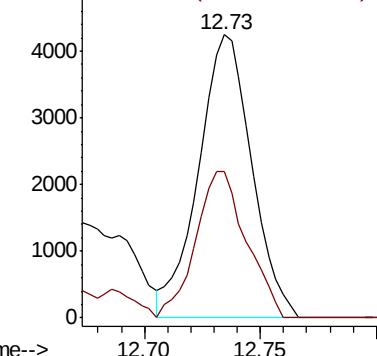
105 100

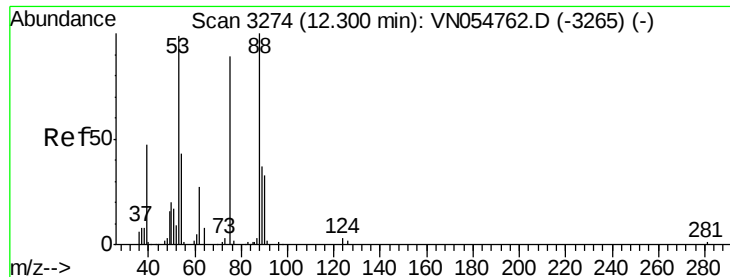
120 49.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

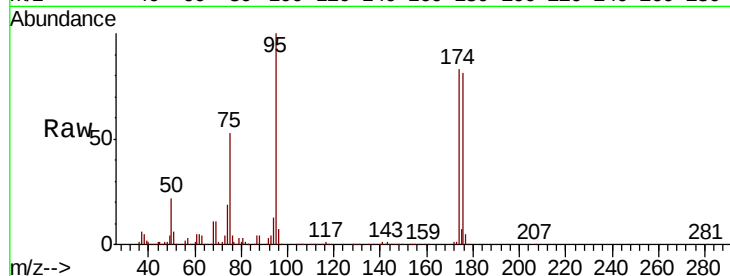




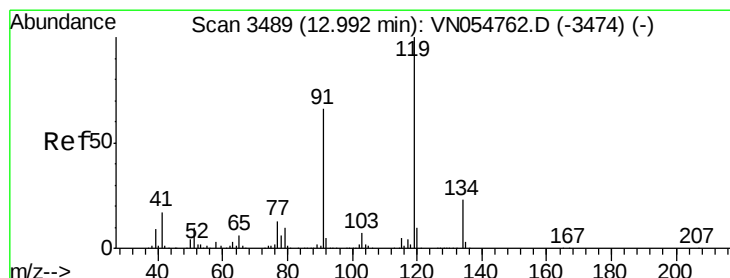
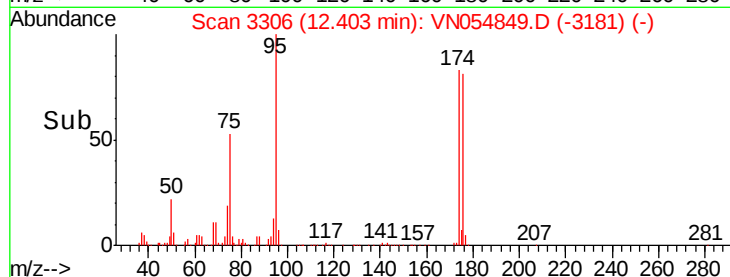
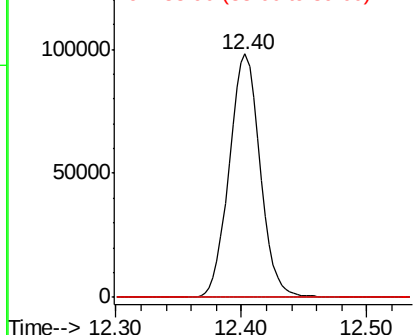
#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.579 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN054849.D
 Acq: 31 Mar 2019 14:39

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 167812
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.2#
 89 0.0 39.2 58.8#

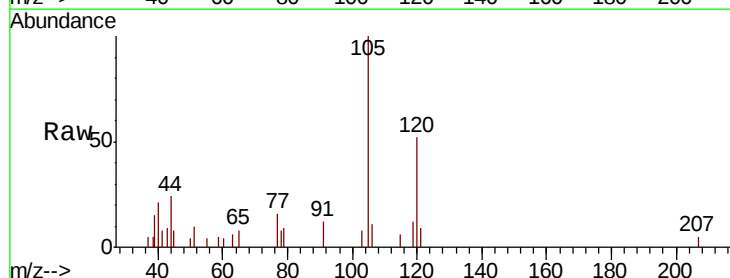


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 53.00 (52.70 to 53.70): VN0
 Ion 88.90 (88.60 to 89.60): VN0

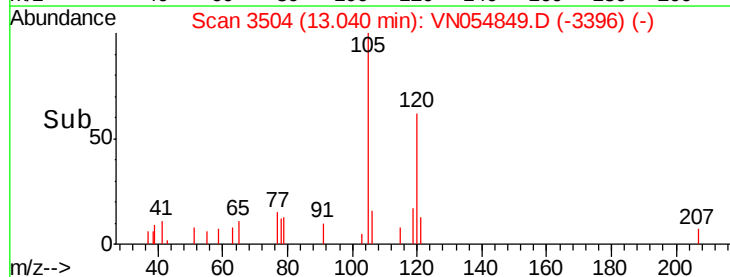
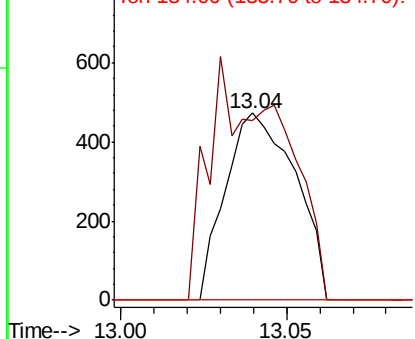


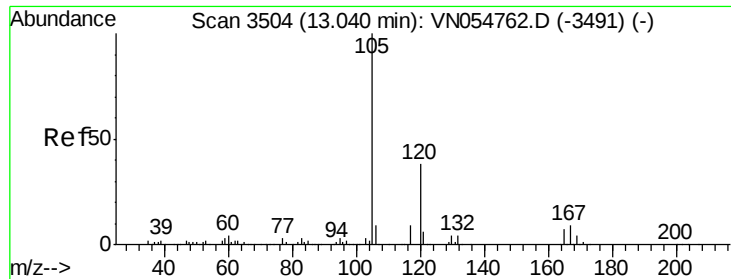
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN054849.D
 Acq: 31 Mar 2019 14:39

Tgt Ion: 119 Resp: 695
 Ion Ratio Lower Upper
 119 100
 91 72.8 30.9 92.8
 134 0.0 13.2 39.6#



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN0
 Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 0.383 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

Instrument :

MSVOA_N

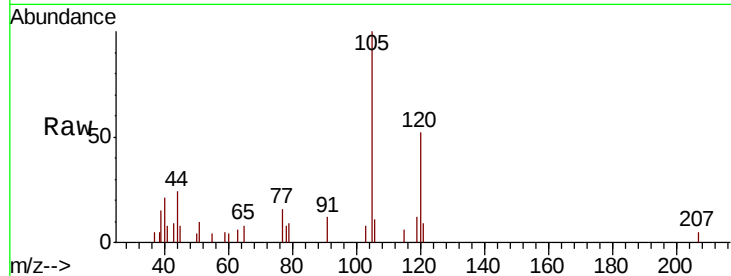
ClientSampled :

Tot Ion:105 Resp: 6456

Ion Ratio Lower Upper

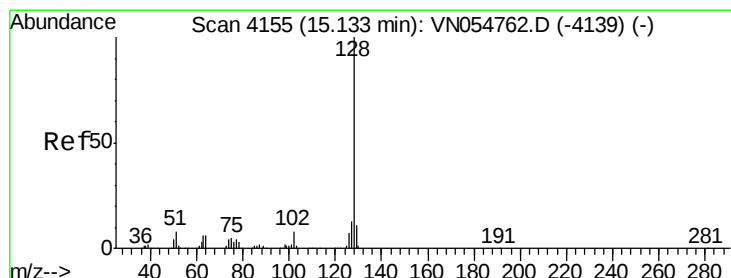
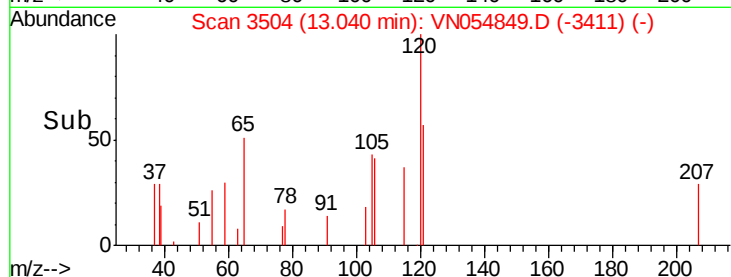
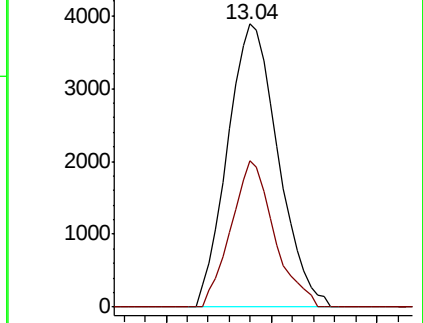
105 100

120 44.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.979 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

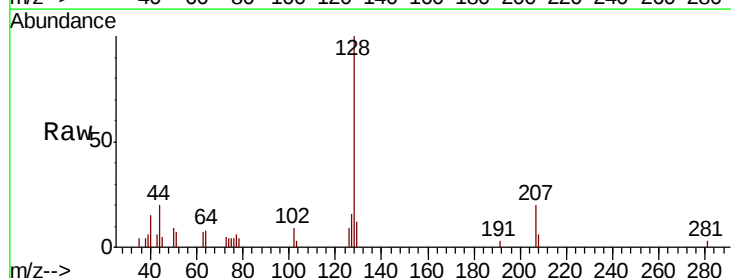
Tgt Ion:128 Resp: 9295

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 12.0 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

