

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054927.D
 Acq On : 3 Apr 2019 15:34
 Operator : JC/SP
 Sample : K2203-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 04 01:12:29 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	525956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	888002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	768305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	278216	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	357711	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
35) Dibromofluoromethane	7.59	113	286756	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	10.09	98	1071217	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	330822	45.19	ug/l	0.00
Spiked Amount			Recovery	=	90.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	383	Below Cal	#	20
13) Acrolein	3.60	56	171	0.518	ug/l #	14
14) Allyl chloride	4.55	41	192983	18.951	ug/l #	22
16) Acetone	3.83	43	6500	3.845	ug/l	88
18) Methyl Acetate	4.34	43	2710	Below Cal	#	66
20) Methylene Chloride	4.55	84	4315527	723.613	ug/l #	82
25) 2-Butanone	6.86	43	1702	0.681	ug/l	92
29) Tetrahydrofuran	7.22	42	742	0.427	ug/l #	42
30) Chloroform	7.38	83	2374	0.232	ug/l	93
31) Cyclohexane	7.67	56	12333	Below Cal	#	16
36) 1,1-Dichloropropene	7.67	75	40847	4.937	ug/l #	47
38) Carbon Tetrachloride	7.66	117	48946	6.090	ug/l #	16
43) Isopropyl Acetate	8.17	43	17501	1.775	ug/l #	93
45) 1,2-Dichloropropane	9.27	63	1858	0.275	ug/l #	43
48) Methyl methacrylate	9.18	41	8286	1.550	ug/l #	25
49) 1,4-Dioxane	9.27	88	233	4.394	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	9841	1.775	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	60368	6.807	ug/l #	74
57) 1,3-Dichloropropane	10.76	76	10749	1.194	ug/l #	43
59) 2-Hexanone	10.76	43	183822	51.802	ug/l #	48
68) m/p-Xylenes	11.62	106	2085	0.208	ug/l	100
71) Bromoform	12.40	173	2808	0.851	ug/l #	1
74) N-amyl acetate	12.07	43	2081	0.294	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.51	83	63	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	170301	35.235	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6648	0.356	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	170301	137.056	ug/l #	11
83) tert-Butylbenzene	12.99	119	822	Below Cal	#	72
84) 1,2,4-Trimethylbenzene	13.04	105	7732	0.435	ug/l	90
93) 1,2,4-Trichlorobenzene	14.91	180	1625	0.363	ug/l	85
94) Hexachlorobutadiene	15.00	225	738	Below Cal		84
95) Naphthalene	15.13	128	11945	1.191	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	2147	0.476	ug/l	95

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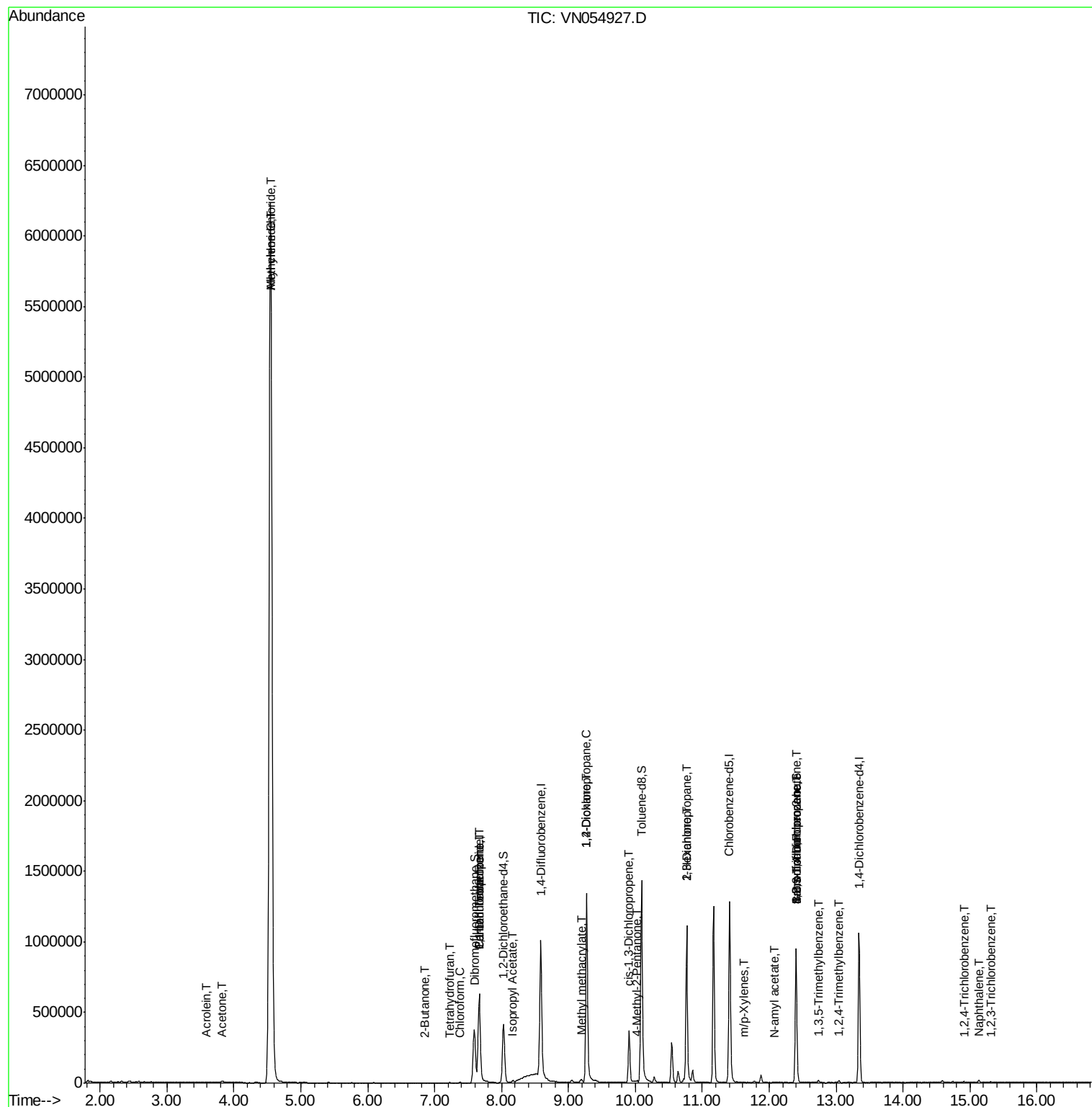
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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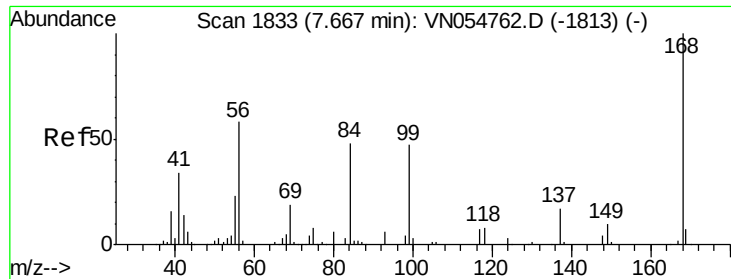
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040319\
Data File : VN054927.D
Acq On : 3 Apr 2019 15:34
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

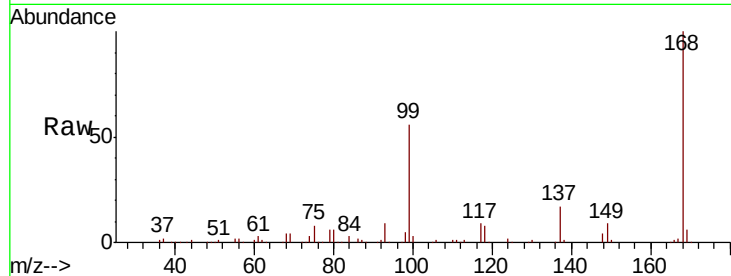
ClientSampleId :

Tot Ion:168 Resp: 525956

Ion Ratio Lower Upper

168 100

99 55.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054927.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054927.D (-1740) (-)

7.67

250000

200000

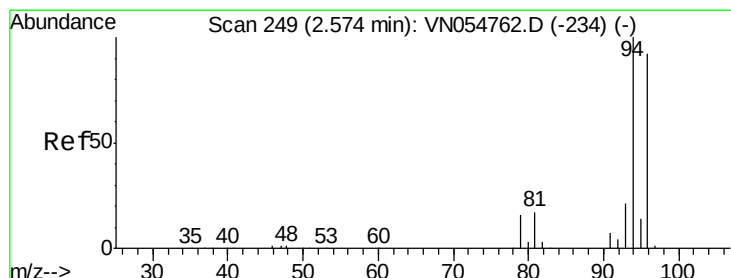
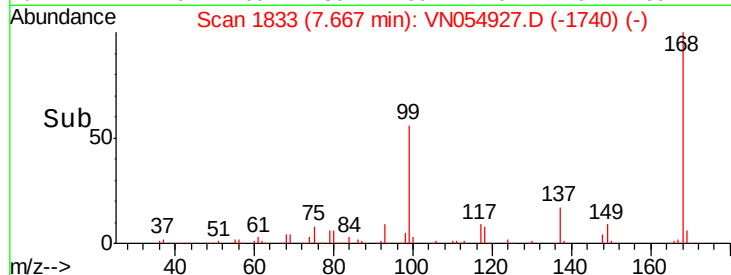
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 252

Delta R.T. 0.01 min

Lab File: VN054927.D

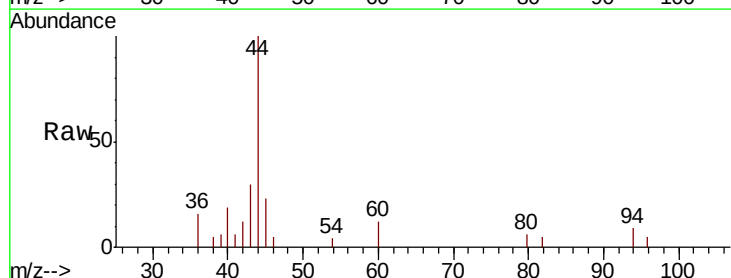
Acq: 3 Apr 2019 15:34

Tgt Ion: 94 Resp: 383

Ion Ratio Lower Upper

94 100

96 17.6 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054927.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN054927.D (-156) (-)

2.58

400

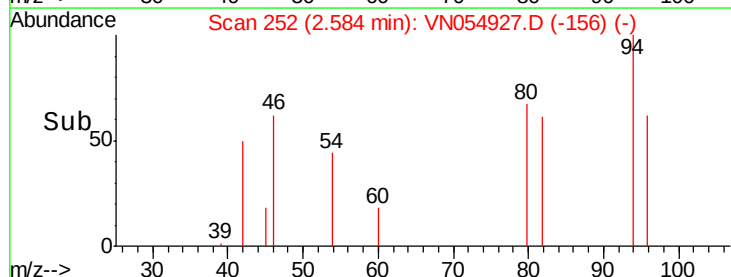
300

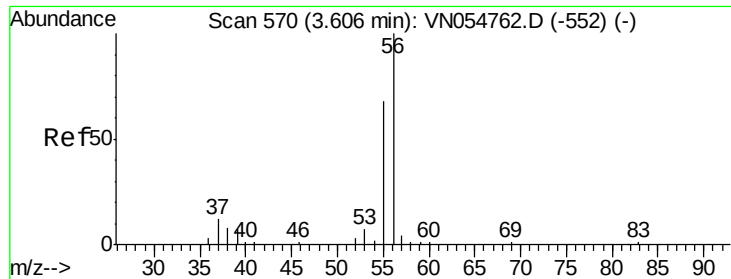
200

100

0

Time--> 2.56 2.58 2.60





#13

Acrolein

Concen: 0.518 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

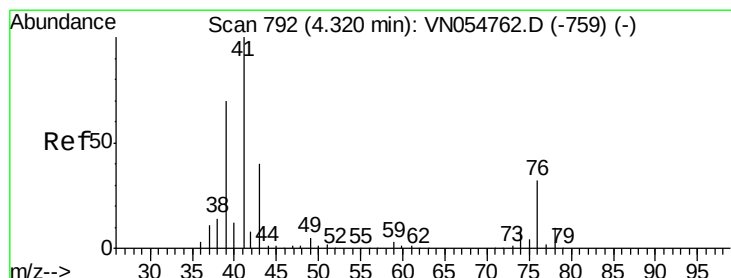
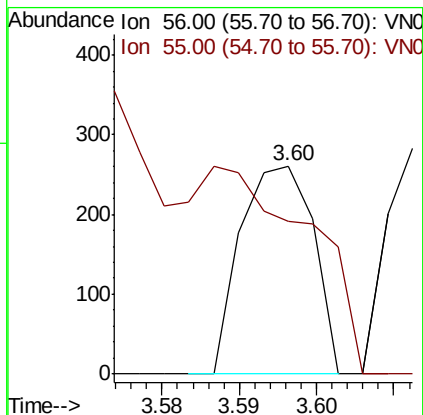
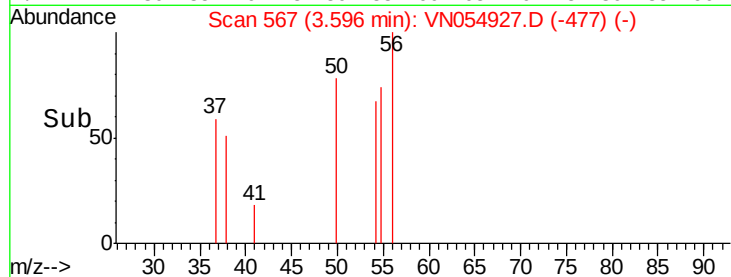
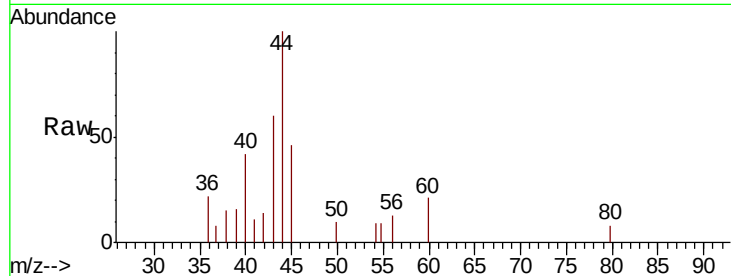
ClientSampleId :

Tot Ion: 56 Resp: 171

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



#14

Allyl chloride

Concen: 18.951 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.23 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

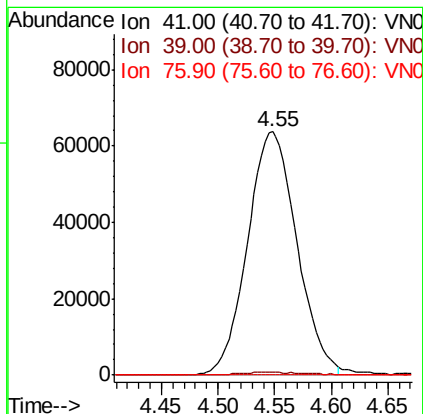
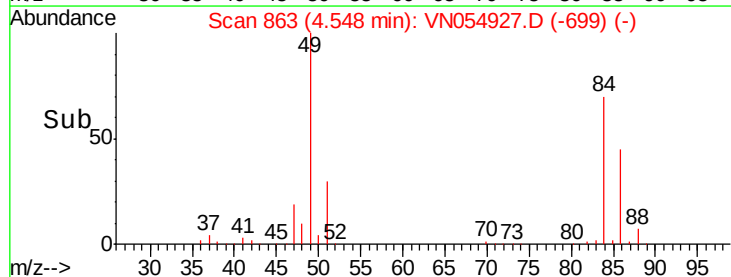
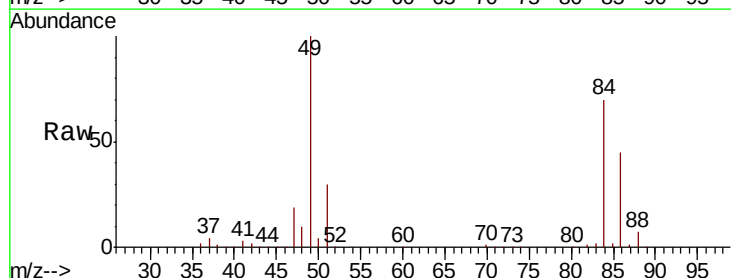
Tgt Ion: 41 Resp: 192983

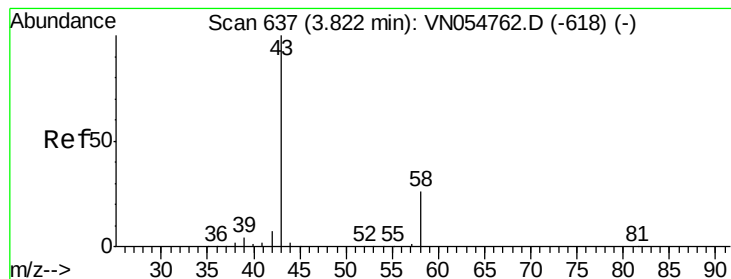
Ion Ratio Lower Upper

41 100

39 0.7 58.2 87.4#

76 0.0 31.7 47.5#





#16

Acetone

Concen: 3.845 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

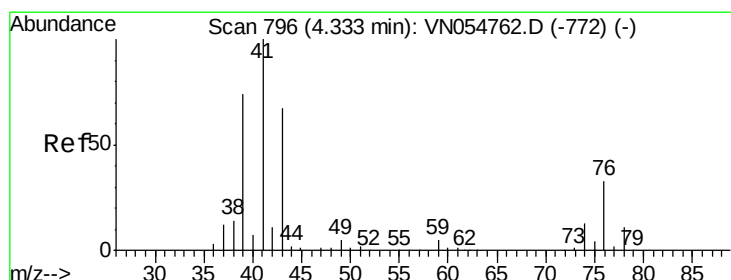
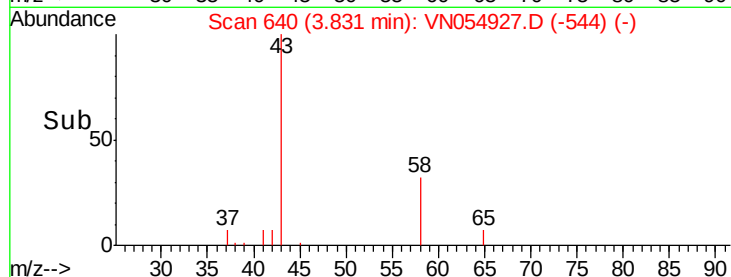
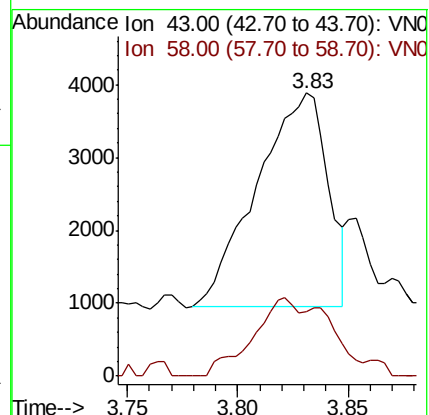
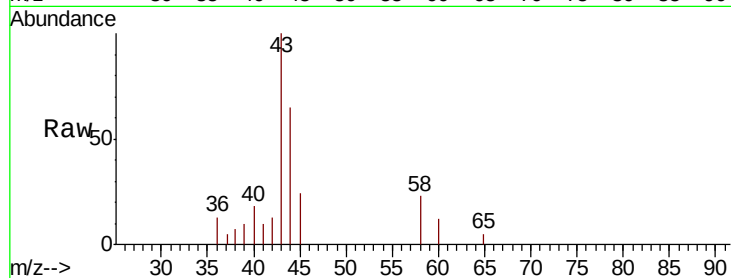
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 6500

Ion Ratio Lower Upper

43 100

58 30.0 29.9 44.9



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 799

Delta R.T. 0.01 min

Lab File: VN054927.D

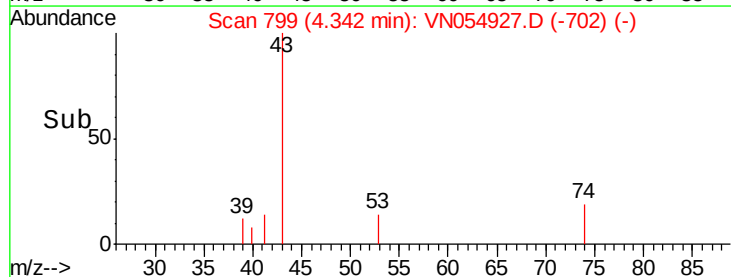
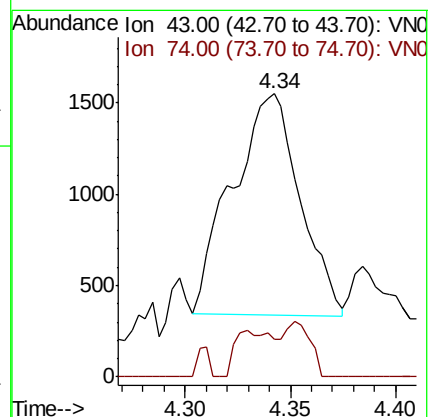
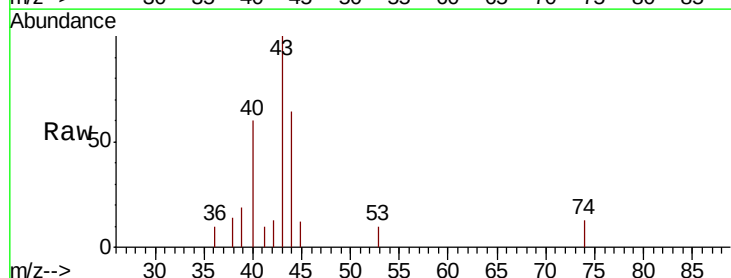
Acq: 3 Apr 2019 15:34

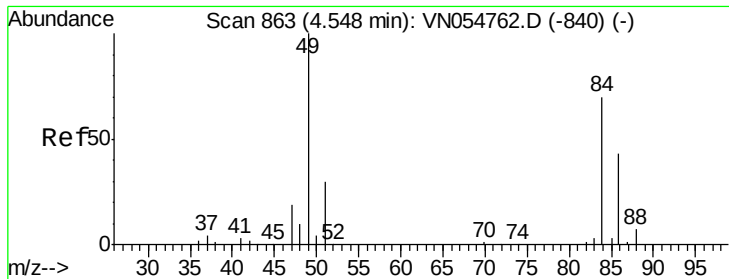
Tgt Ion: 43 Resp: 2710

Ion Ratio Lower Upper

43 100

74 8.7 20.8 31.2#



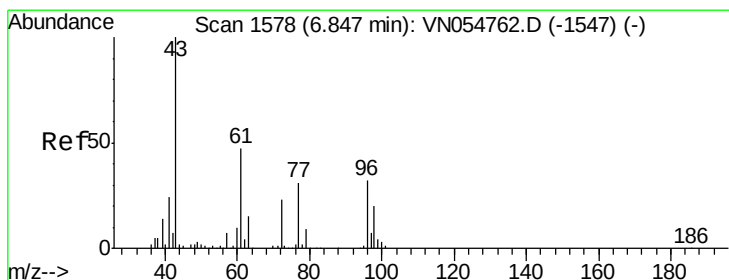
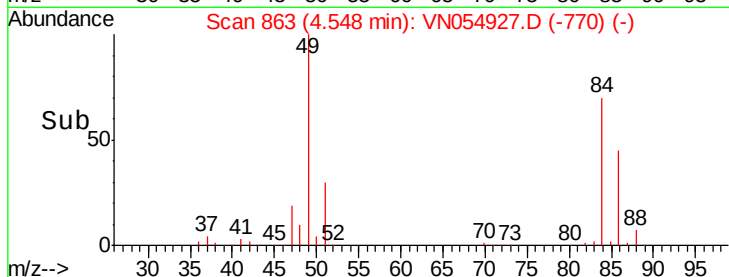
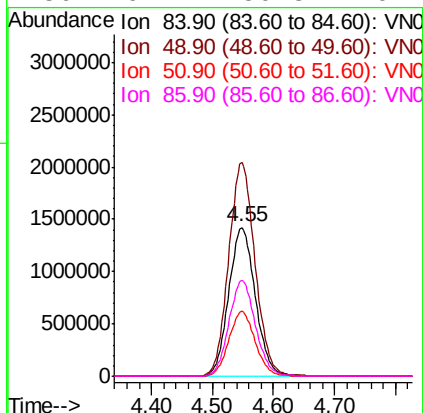
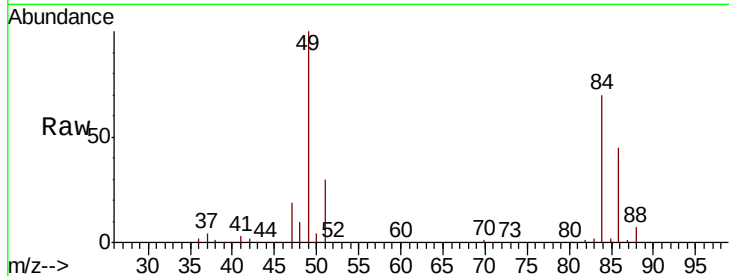


#20
Methvlene Chloride
Concen: 723.613 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054927.D
Acq: 3 Apr 2019 15:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 4315527

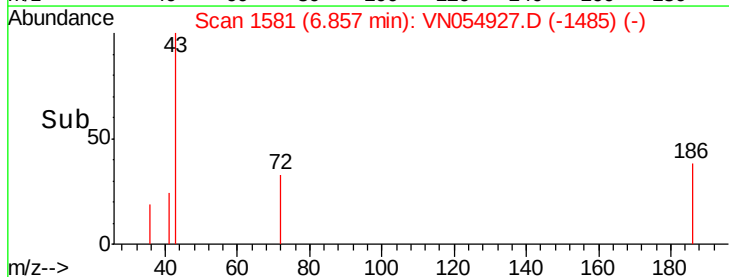
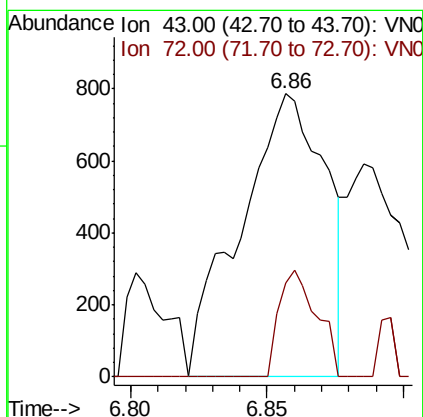
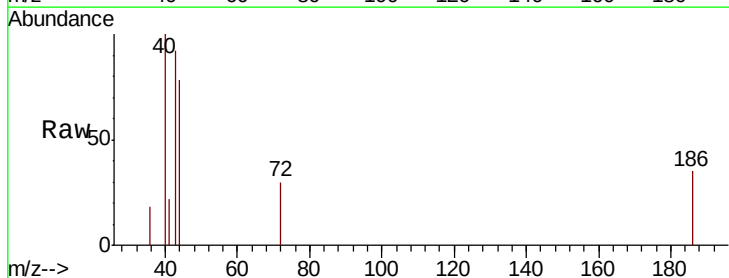
Ion	Ratio	Lower	Upper
84	100		
49	143.3	89.7	134.5#
51	43.5	28.2	42.4#
86	64.7	50.8	76.2

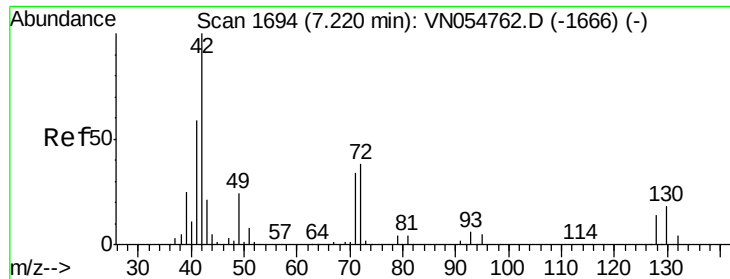


#25
2-Butanone
Concen: 0.681 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN054927.D
Acq: 3 Apr 2019 15:34

Tgt Ion: 43 Resp: 1702

Ion	Ratio	Lower	Upper
43	100		
72	33.2	23.0	34.6





#29

Tetrahydrofuran

Concen: 0.427 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

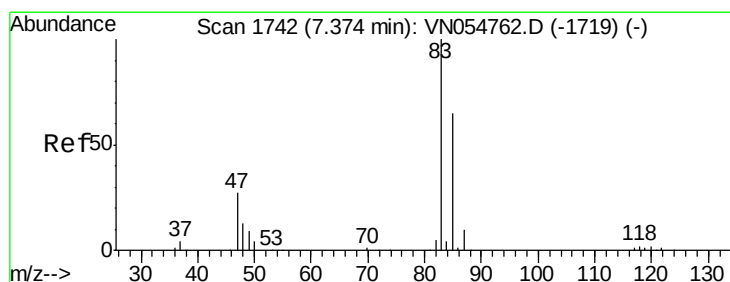
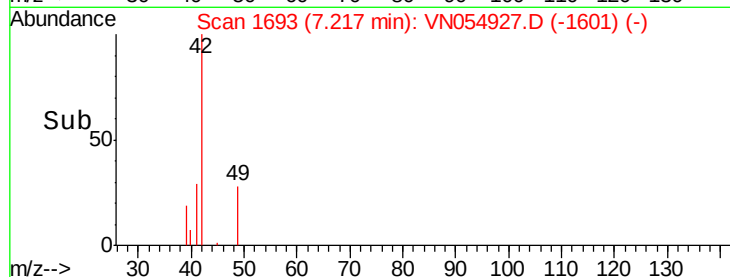
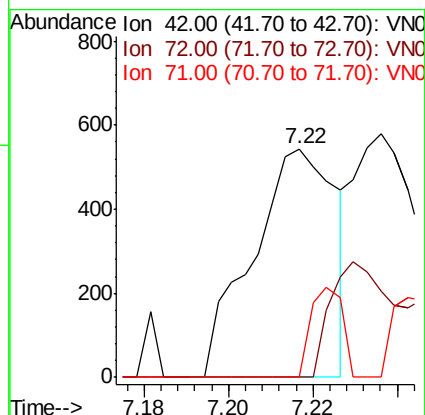
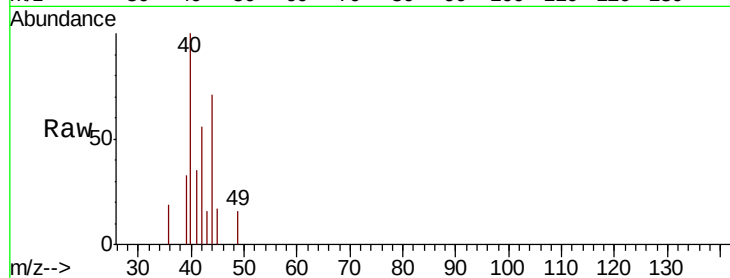
Tot Ion: 42 Resp: 742

Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

71 15.2 36.2 54.2#



#30

Chloroform

Concen: 0.232 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VN054927.D

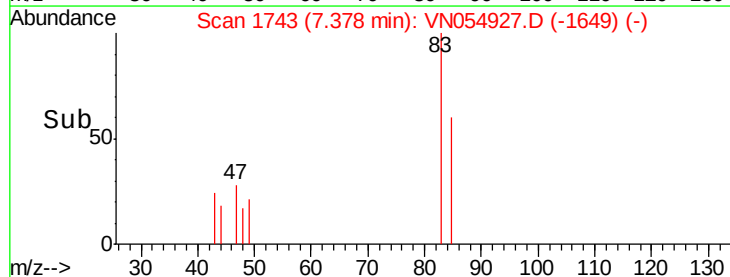
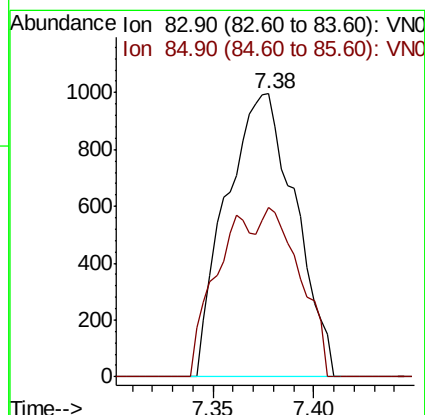
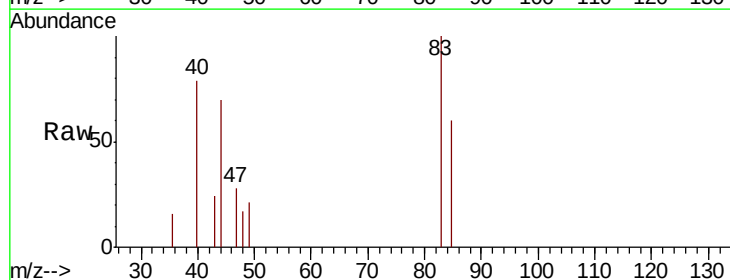
Acq: 3 Apr 2019 15:34

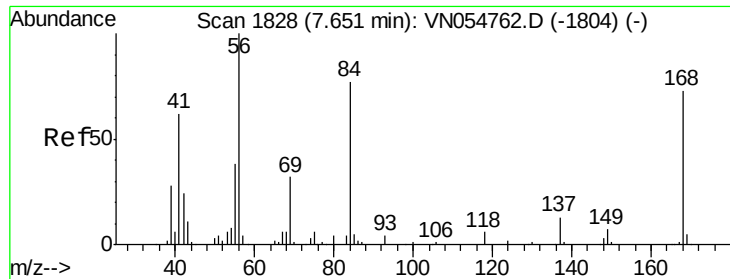
Tgt Ion: 83 Resp: 2374

Ion Ratio Lower Upper

83 100

85 59.9 52.2 78.4

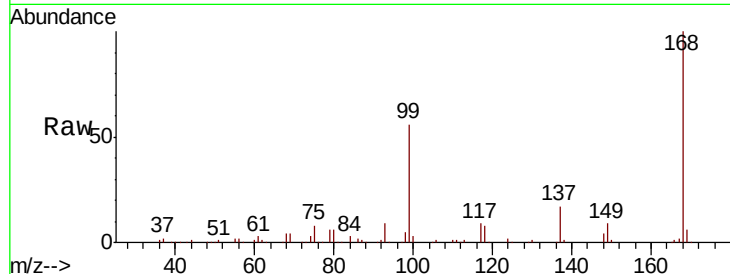




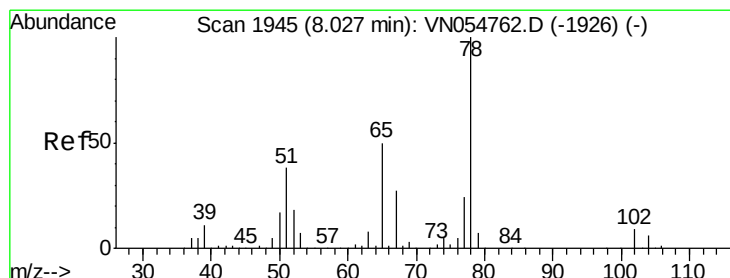
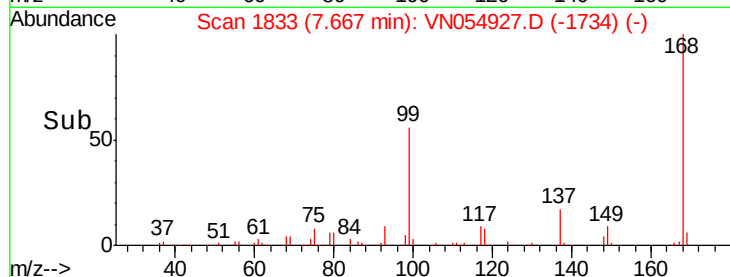
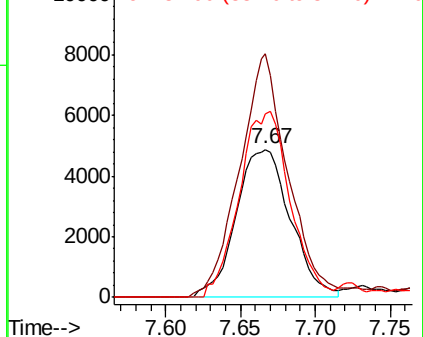
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054927.D
Acq: 3 Apr 2019 15:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 12333
Ion Ratio Lower Upper
56 100
69 164.5 27.8 41.6#
84 123.6 74.6 111.8#

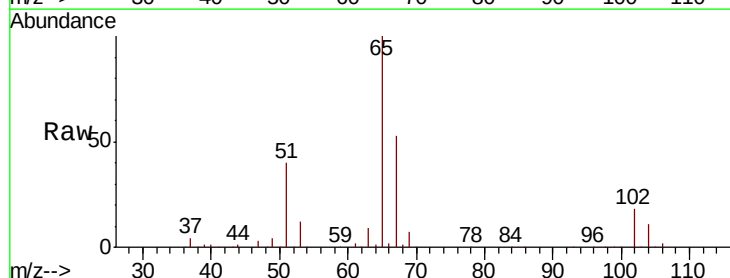


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

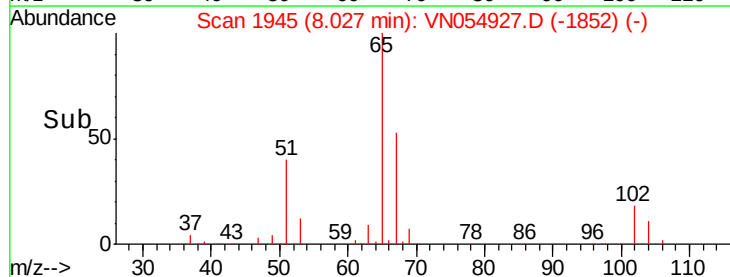
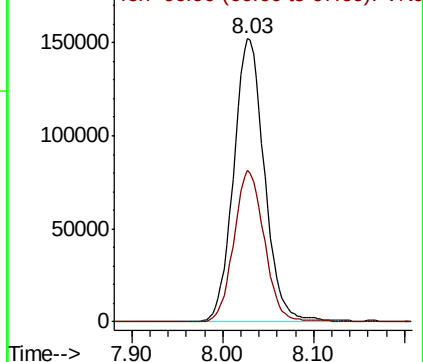


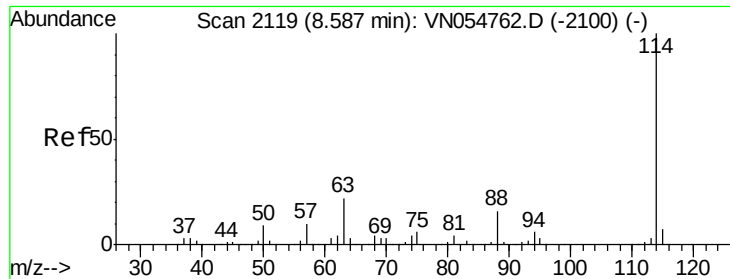
#33
1,2-Dichloroethane-d4
Concen: 50.453 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054927.D
Acq: 3 Apr 2019 15:34

Tgt Ion: 65 Resp: 357711
Ion Ratio Lower Upper
65 100
67 52.6 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: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

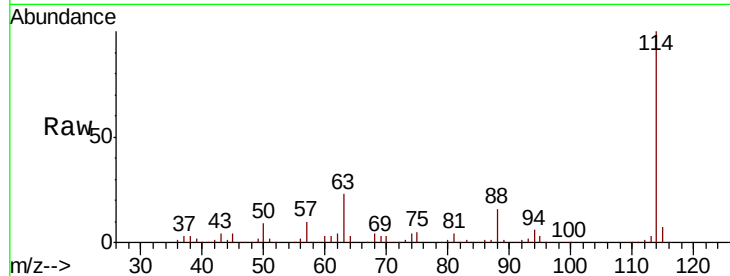
Tot Ion:114 Resp: 888002

Ion Ratio Lower Upper

114 100

63 22.8 0.0 35.2

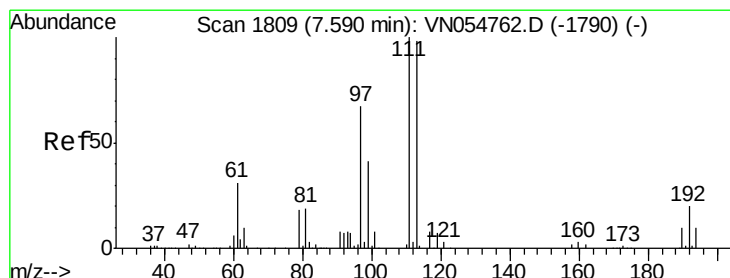
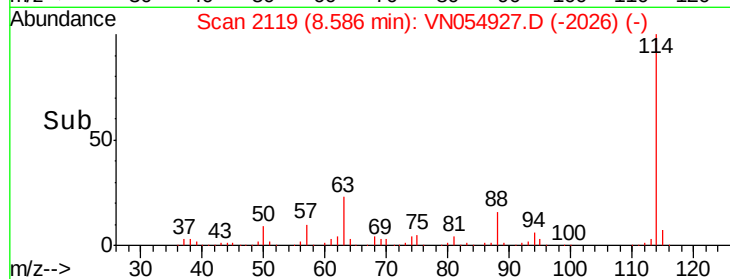
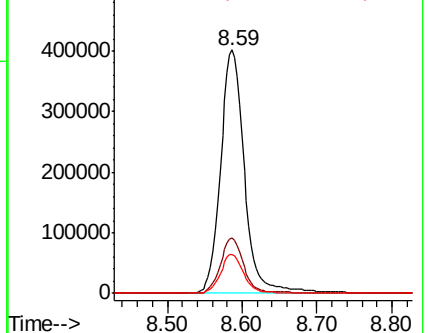
88 16.1 0.0 30.2



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: 48.437 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

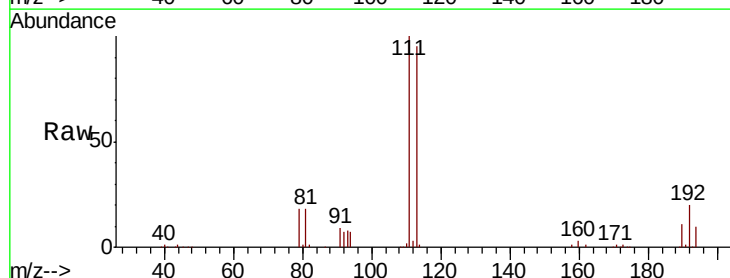
Tgt Ion:113 Resp: 286756

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

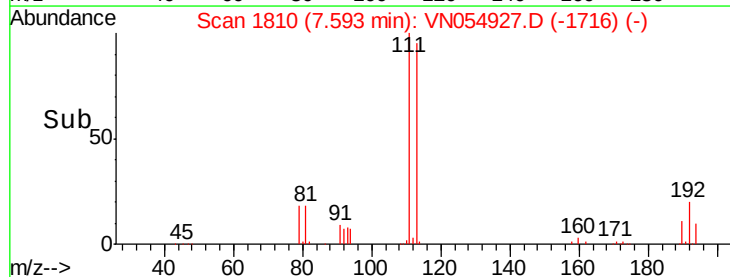
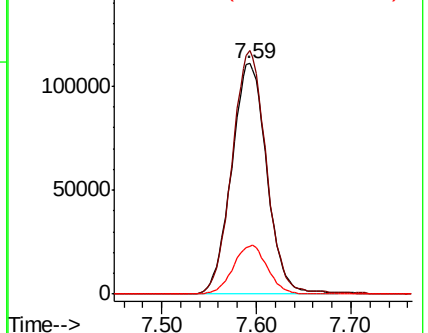
192 20.6 19.2 28.8

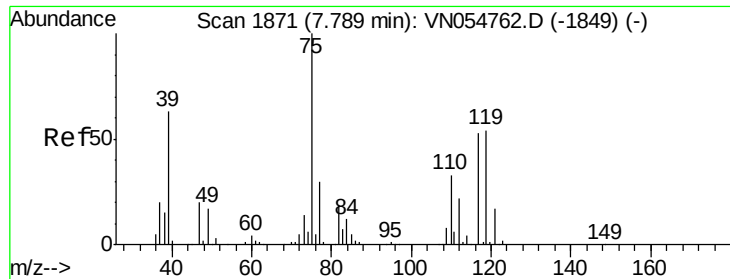


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

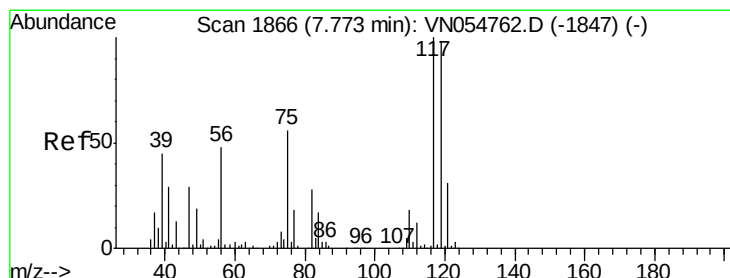
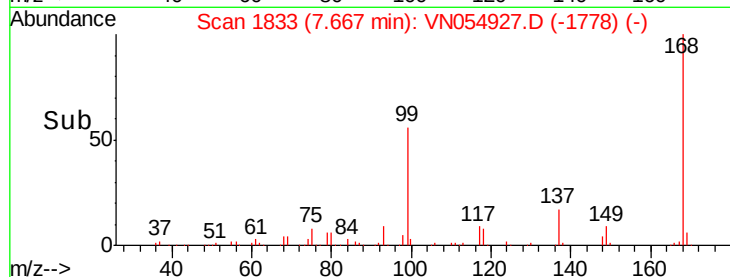
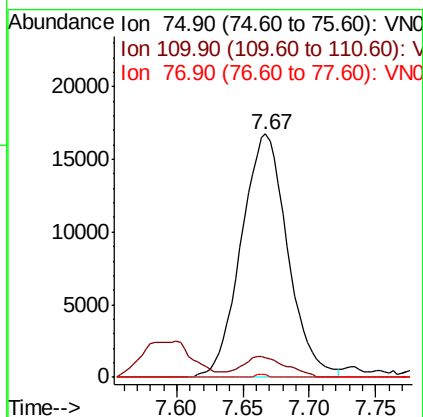
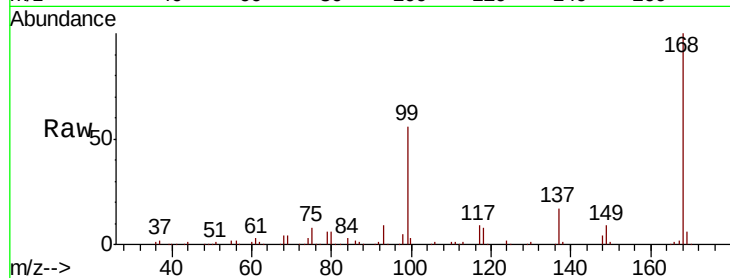




#36
 1,1-Dichloropropene
 Concen: 4.937 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054927.D
 Acq: 3 Apr 2019 15:34

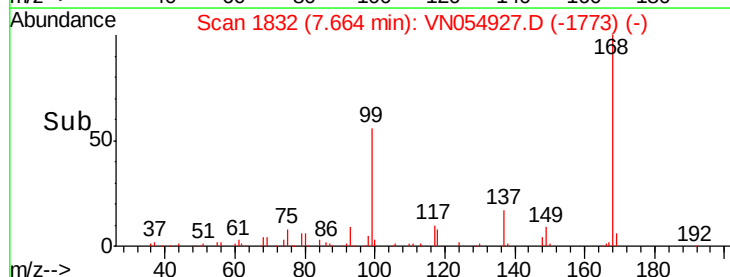
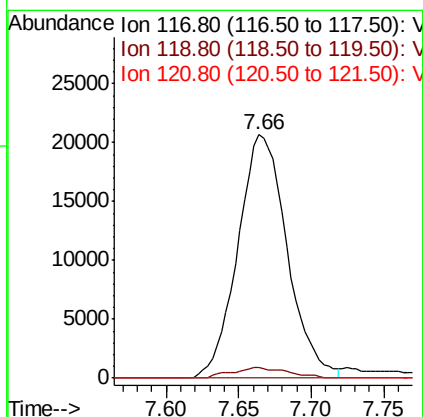
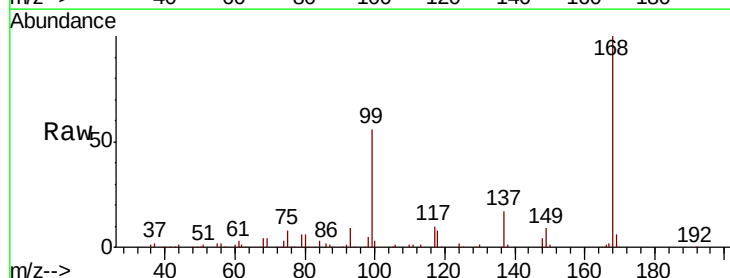
Instrument :
 MSVOA_N
 ClientSampled :

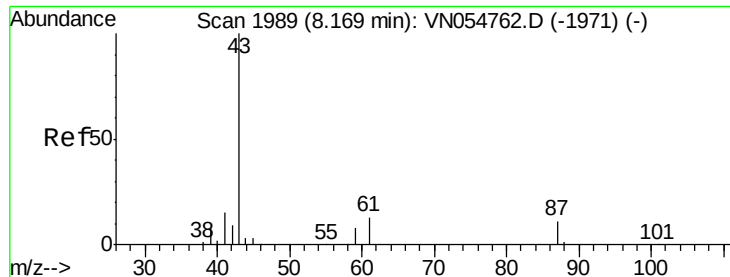
Tot Ion: 75 Resp: 40847
 Ion Ratio Lower Upper
 75 100
 110 8.0 19.1 57.5#
 77 0.3 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.090 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054927.D
 Acq: 3 Apr 2019 15:34

Tgt Ion: 117 Resp: 48946
 Ion Ratio Lower Upper
 117 100
 119 4.4 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.775 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

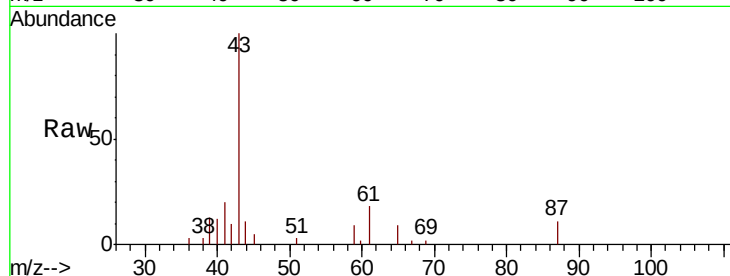
Tot Ion: 43 Resp: 17501

Ion Ratio Lower Upper

43 100

61 18.2 15.8 23.8

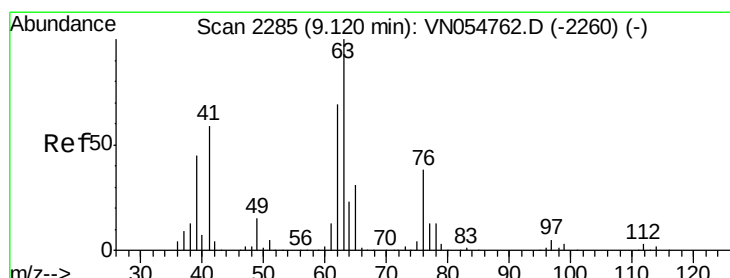
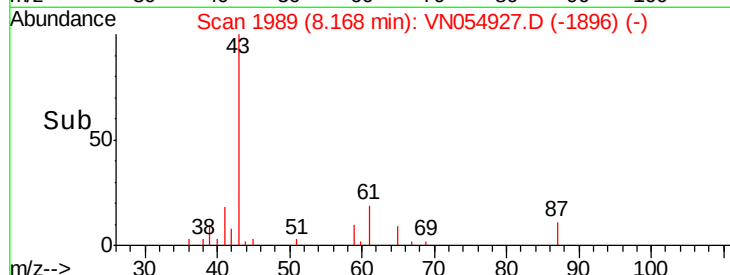
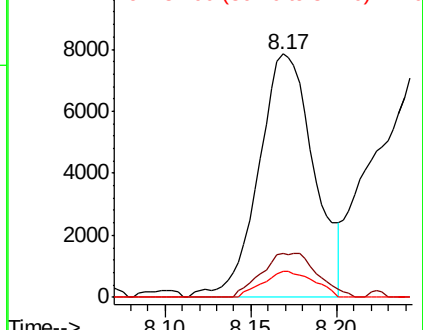
87 9.9 12.0 18.0#



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: 0.275 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.15 min

Lab File: VN054927.D

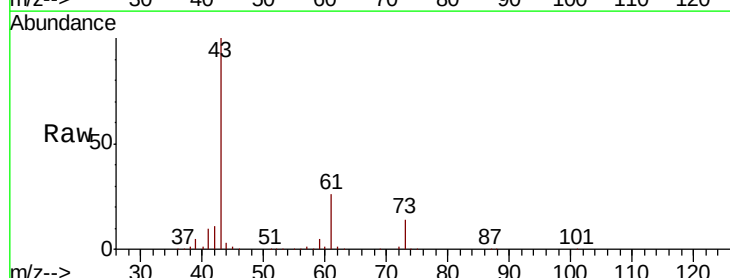
Acq: 3 Apr 2019 15:34

Tgt Ion: 63 Resp: 1858

Ion Ratio Lower Upper

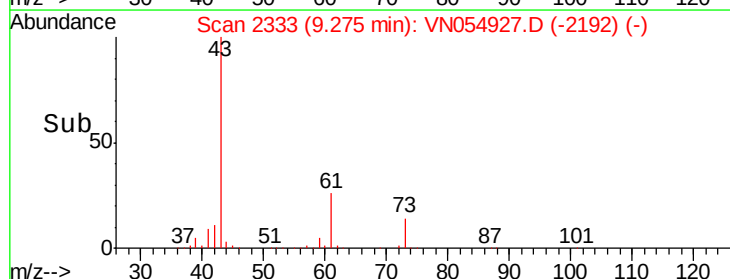
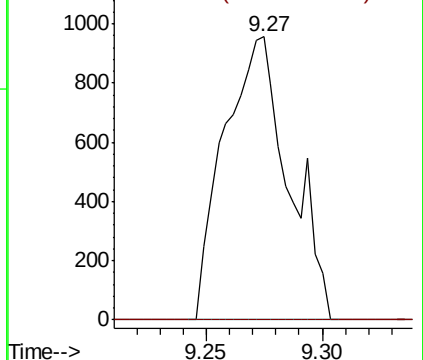
63 100

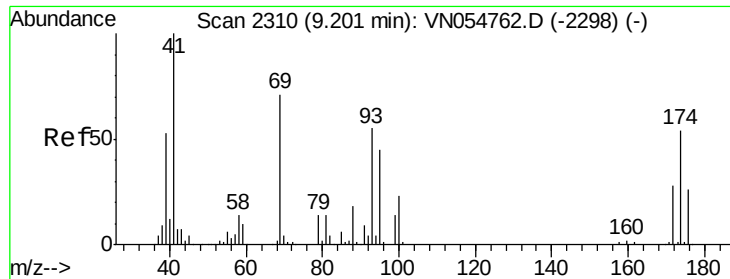
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

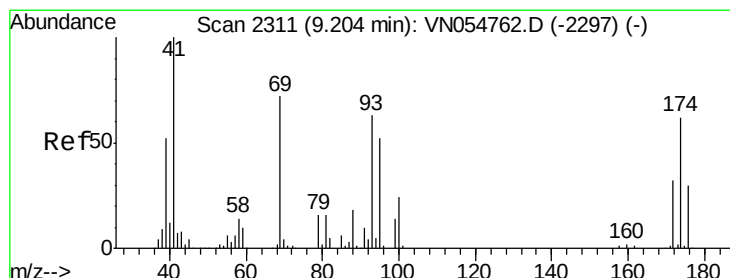
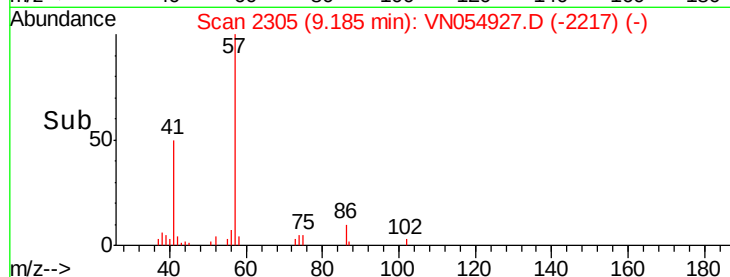
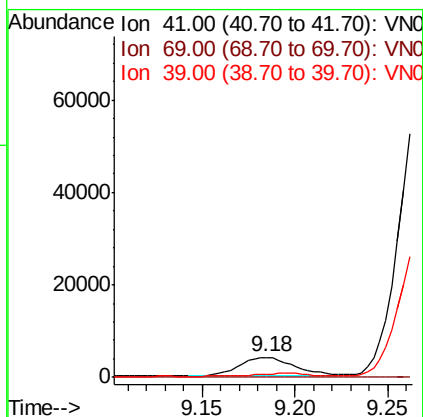
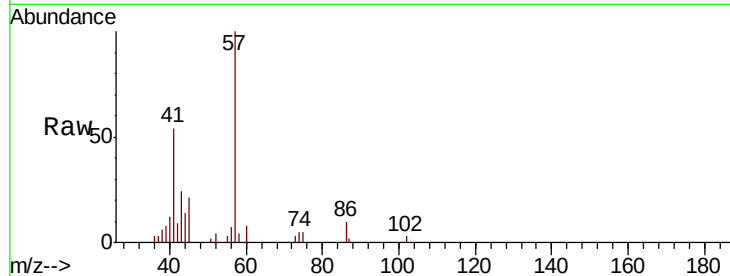




#48
Methvl methacrylate
Concen: 1.550 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054927.D
Acq: 3 Apr 2019 15:34

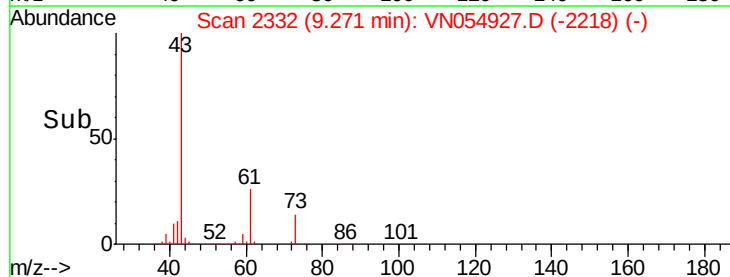
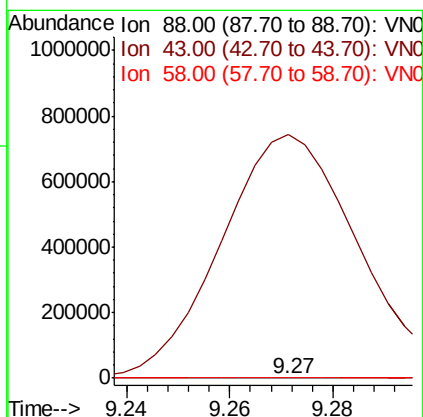
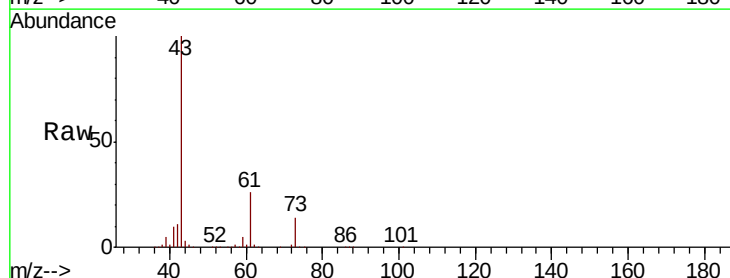
Instrument :
MSVOA_N
ClientSampleId :

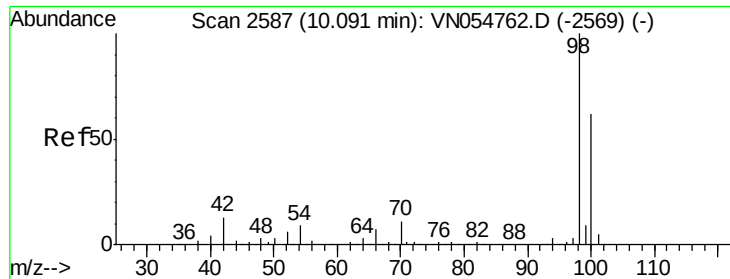
Tot Ion: 41 Resp: 8286
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 26.9 47.5 71.3#



#49
1,4-Dioxane
Concen: 4.394 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN054927.D
Acq: 3 Apr 2019 15:34

Tgt Ion: 88 Resp: 233
Ion Ratio Lower Upper
88 100
43 625474.7 24.1 36.1#
58 2716.7 50.8 76.2#





#50

Toluene-d8

Concen: 48.669 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

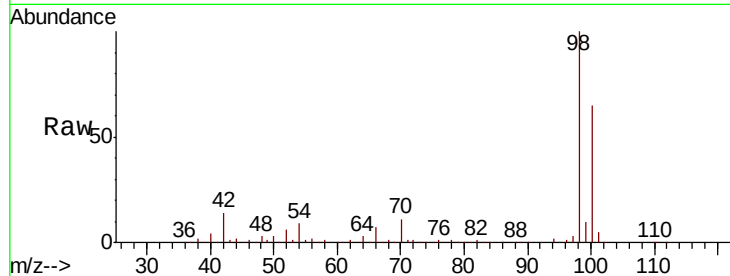
ClientSampled :

Tot Ion: 98 Resp: 1071217

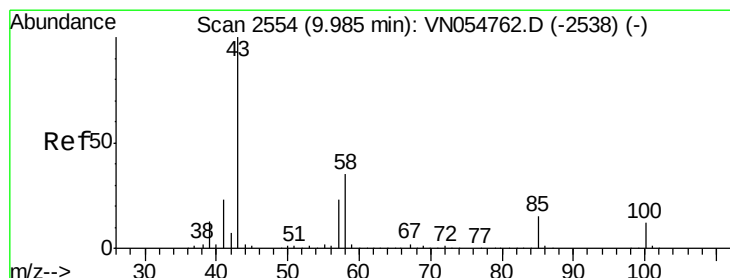
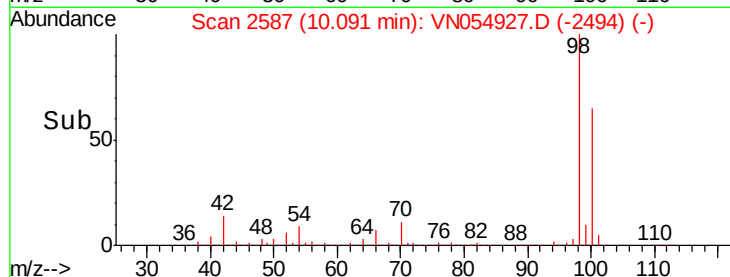
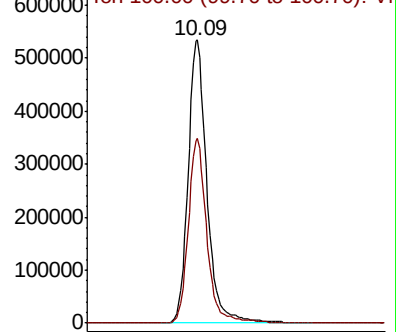
Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054927.D (-2494) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.775 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054927.D

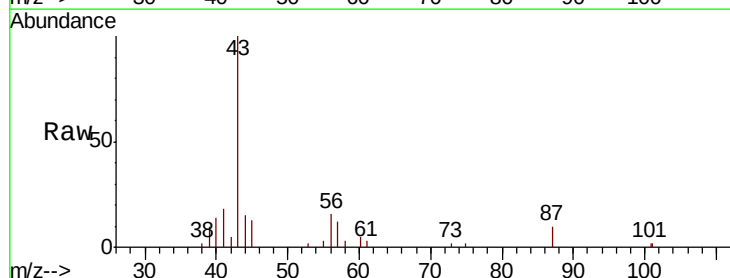
Acq: 3 Apr 2019 15:34

Tgt Ion: 43 Resp: 9841

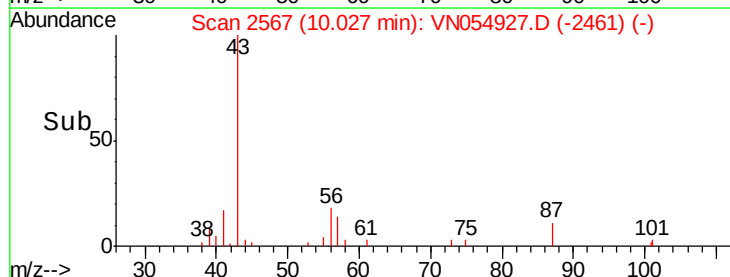
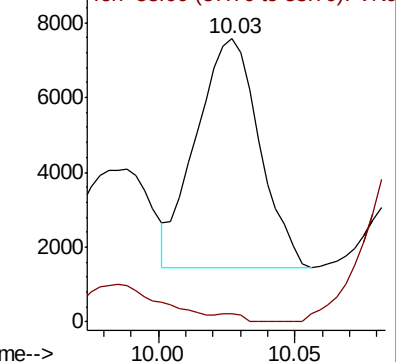
Ion Ratio Lower Upper

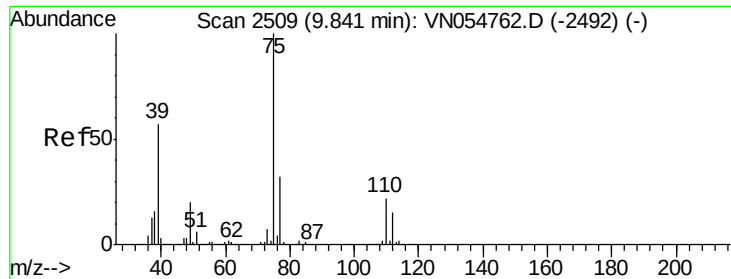
43 100

58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054927.D (-2461) (-)





#54

cis-1,3-Dichloropropene

Concen: 6.807 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

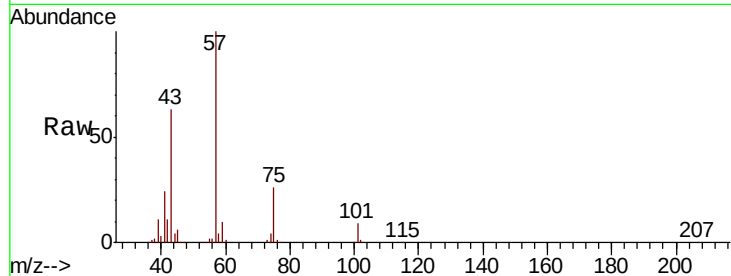
Tot Ion: 75 Resp: 60368

Ion Ratio Lower Upper

75 100

77 0.6 25.4 38.0#

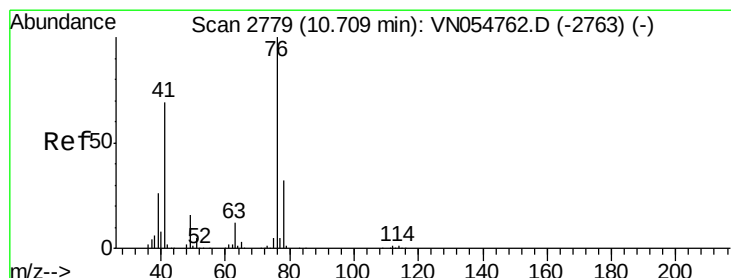
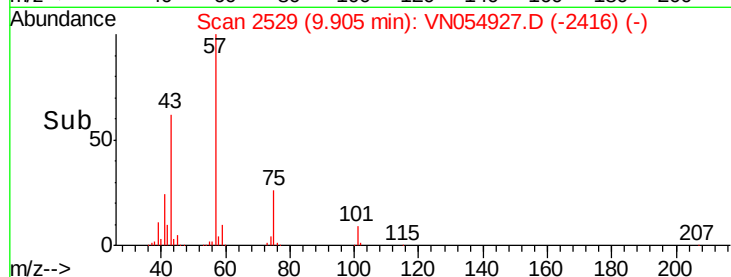
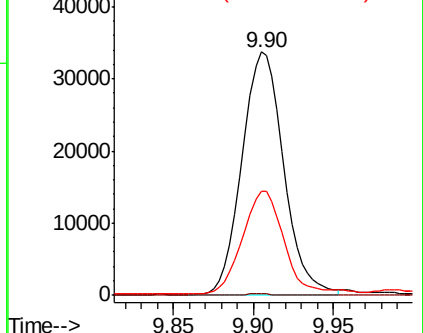
39 42.4 37.2 55.8



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: 1.194 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN054927.D

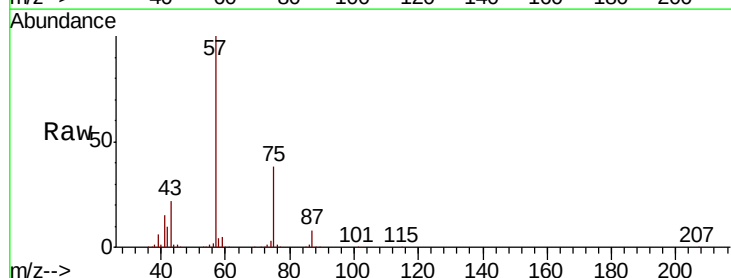
Acq: 3 Apr 2019 15:34

Tgt Ion: 76 Resp: 10749

Ion Ratio Lower Upper

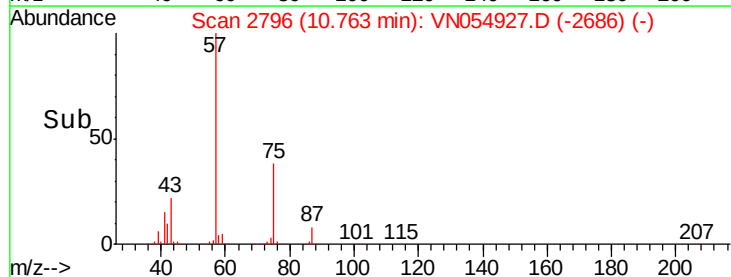
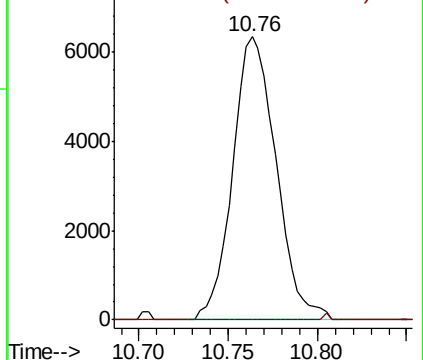
76 100

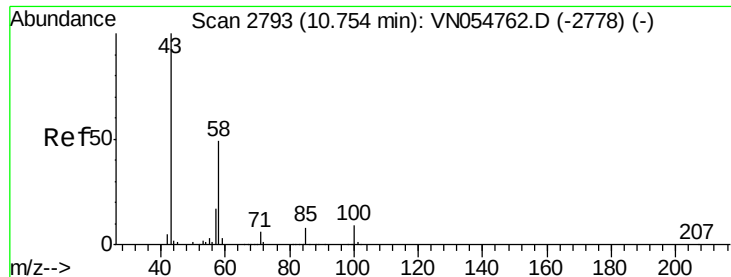
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

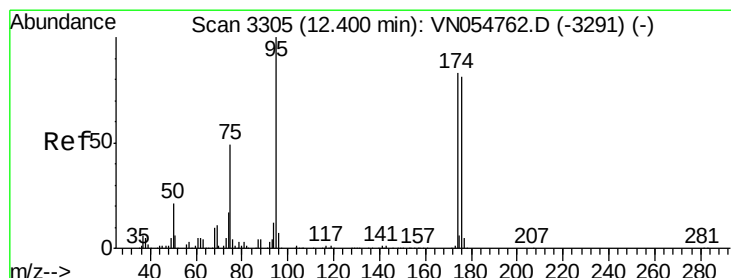
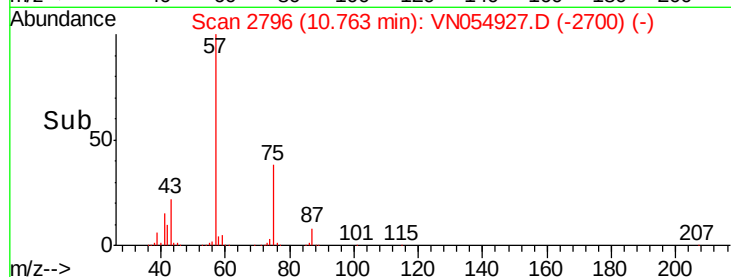
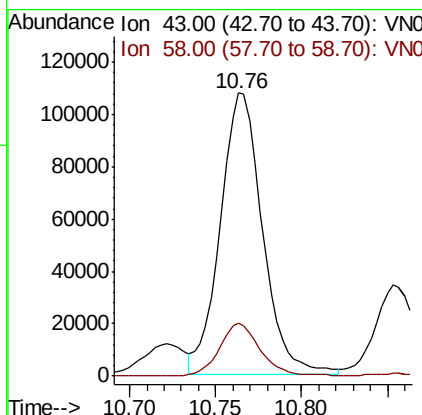
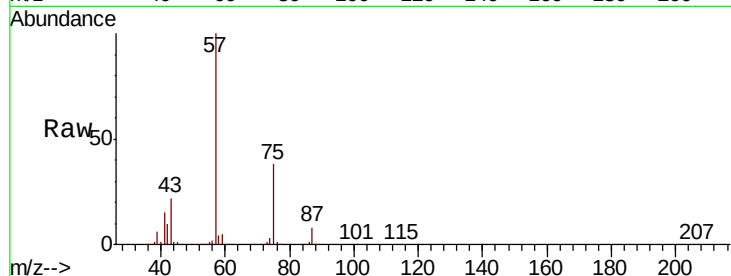




#59
2-Hexanone
Concen: 51.802 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054927.D
Acq: 3 Apr 2019 15:34

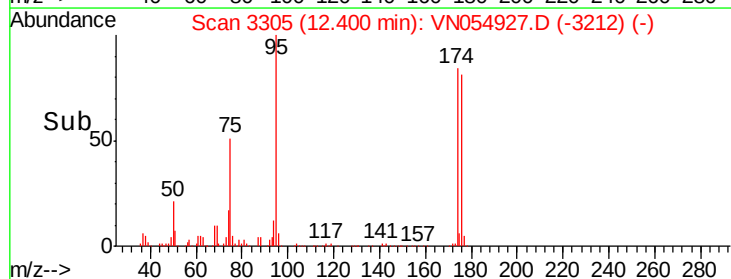
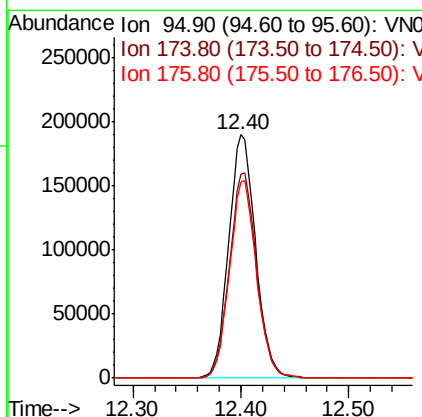
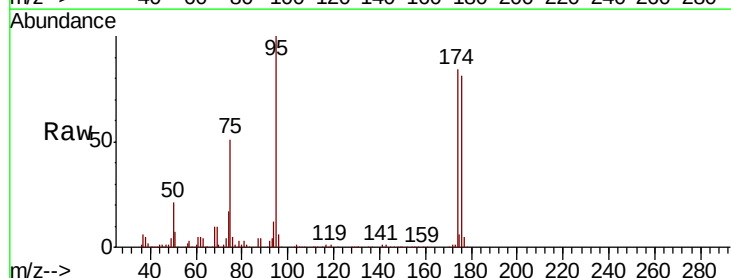
Instrument :
MSVOA_N
ClientSampled :

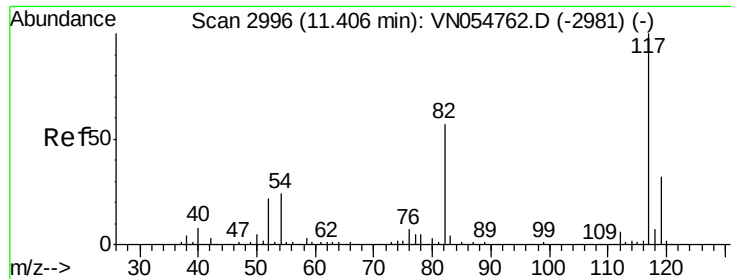
Tot Ion: 43 Resp: 183822
Ion Ratio Lower Upper
43 100
58 18.4 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 45.194 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054927.D
Acq: 3 Apr 2019 15:34

Tgt Ion: 95 Resp: 330822
Ion Ratio Lower Upper
95 100
174 84.7 0.0 191.0
176 81.2 0.0 187.4

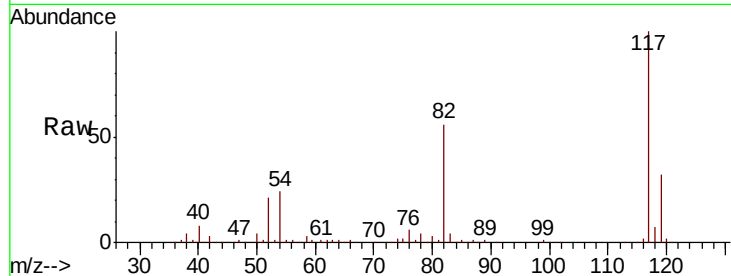




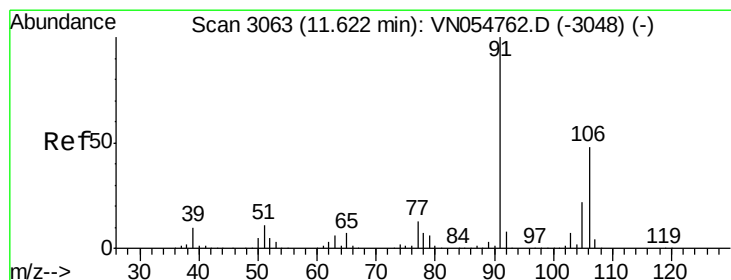
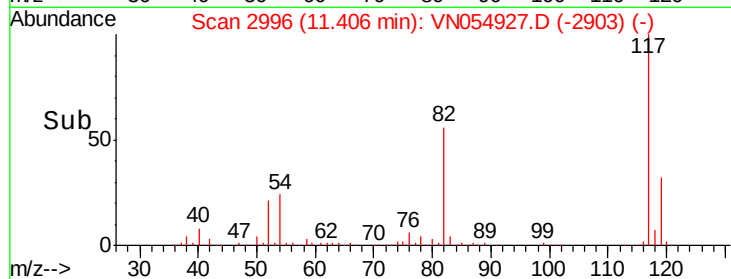
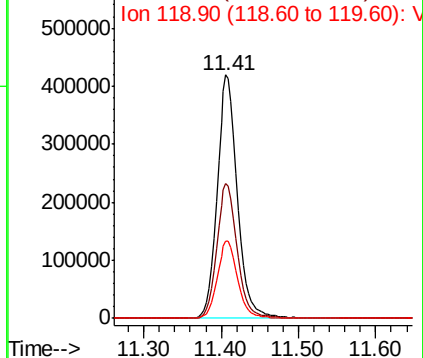
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054927.D
Acq: 3 Apr 2019 15:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 768305
Ion Ratio Lower Upper
117 100
82 55.6 40.0 60.0
119 31.8 25.8 38.6

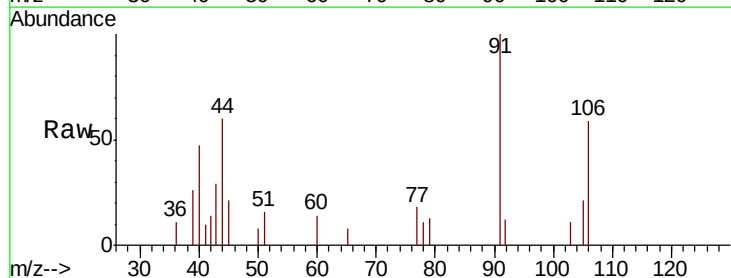


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

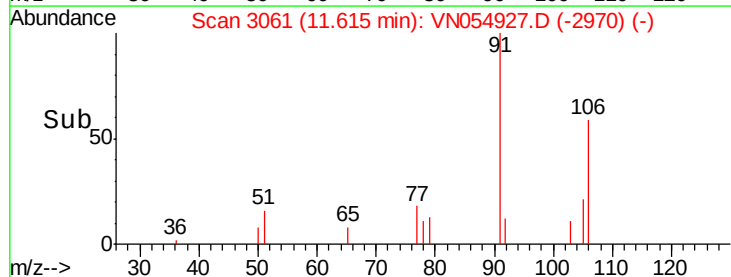
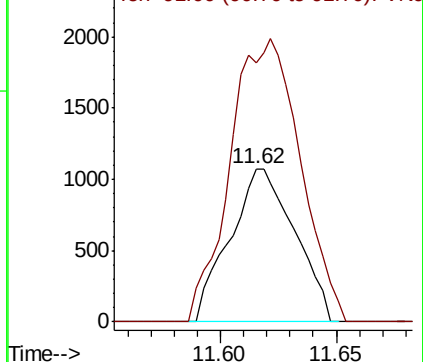


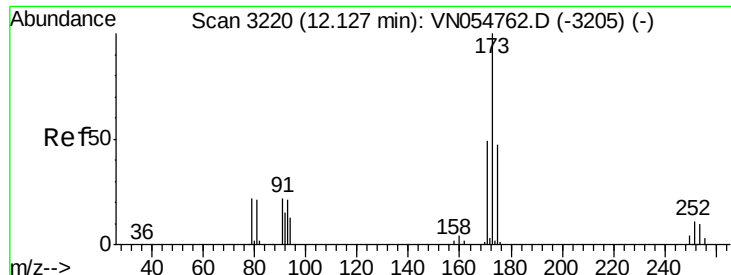
#68
m/p-Xylenes
Concen: 0.208 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054927.D
Acq: 3 Apr 2019 15:34

Tgt Ion:106 Resp: 2085
Ion Ratio Lower Upper
106 100
91 199.0 159.4 239.2



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





#71

Bromoform

Concen: 0.851 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

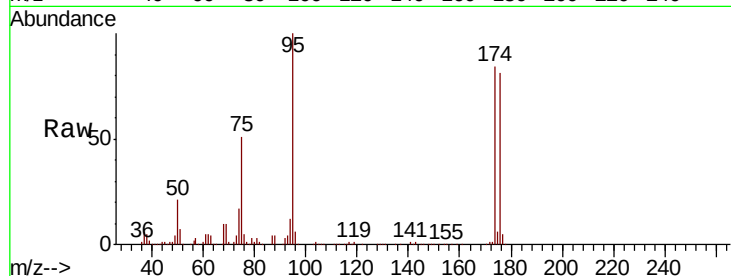
Tot Ion:173 Resp: 2808

Ion Ratio Lower Upper

173 100

175 679.2 24.4 73.2#

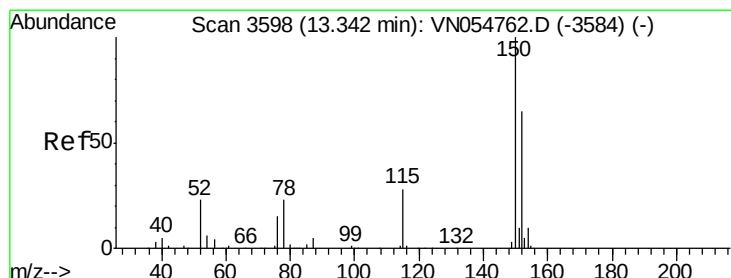
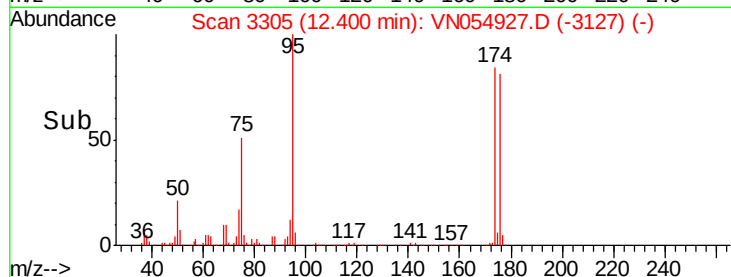
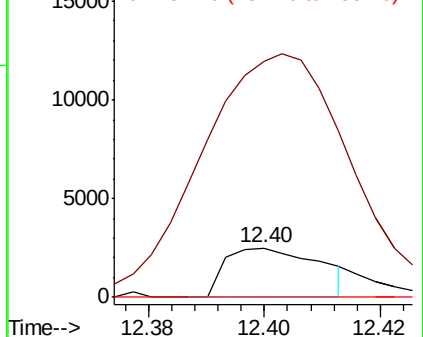
254 0.0 0.1 0.1#



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: VN054927.D

Acq: 3 Apr 2019 15:34

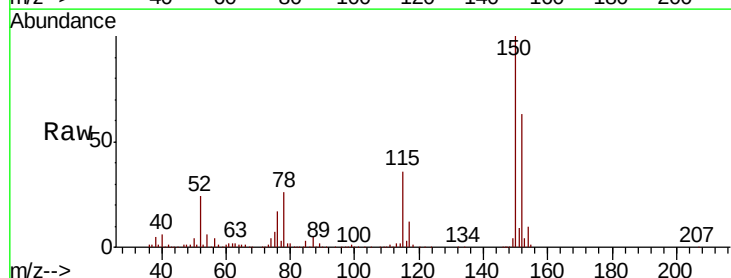
Tgt Ion:152 Resp: 278216

Ion Ratio Lower Upper

152 100

115 57.8 27.2 81.6

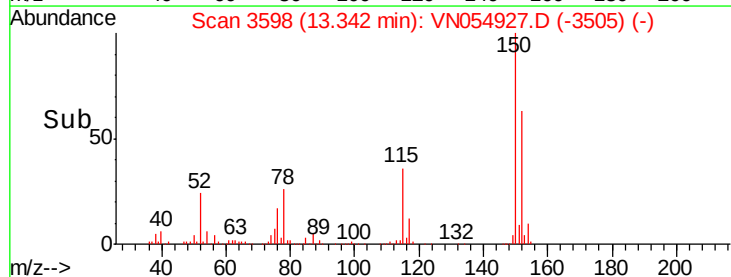
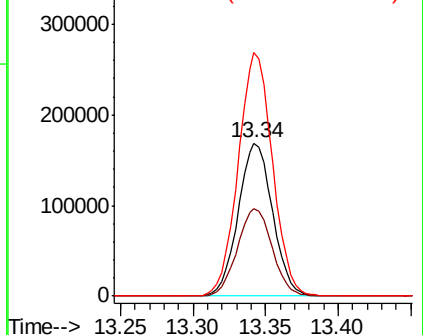
150 158.6 0.0 349.2

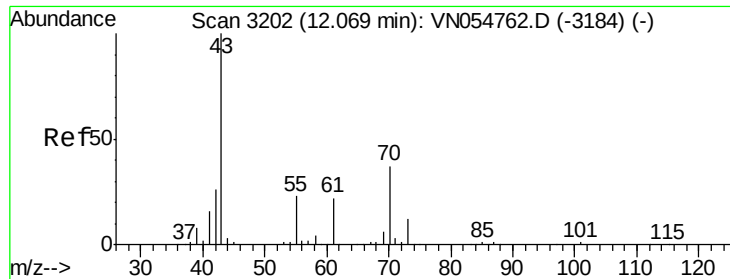


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.294 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 2081

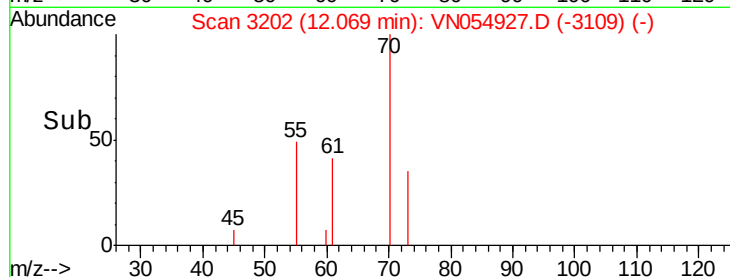
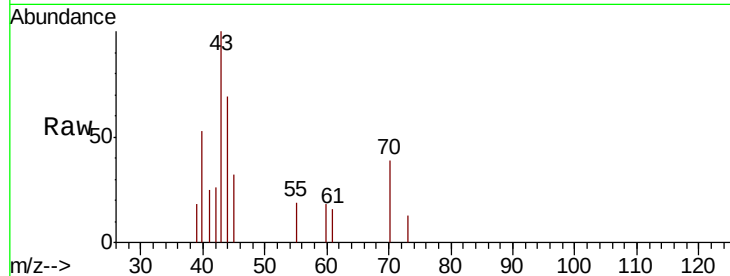
Ion Ratio Lower Upper

43 100

70 37.1 35.4 53.0

55 21.9 19.8 29.6

61 17.0 19.8 29.6#

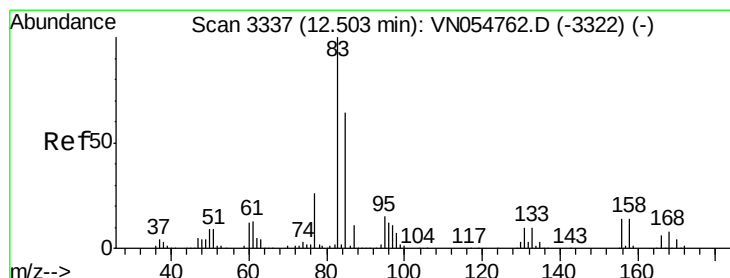
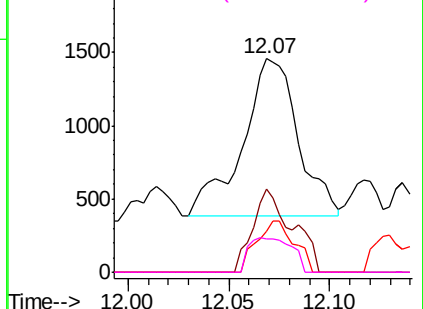


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

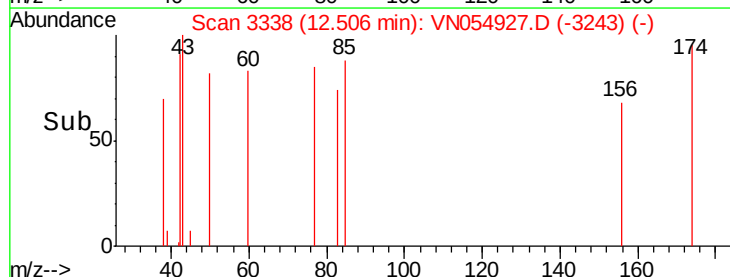
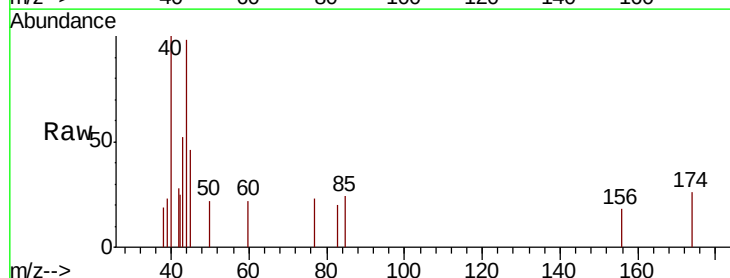
Tgt Ion: 83 Resp: 63

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

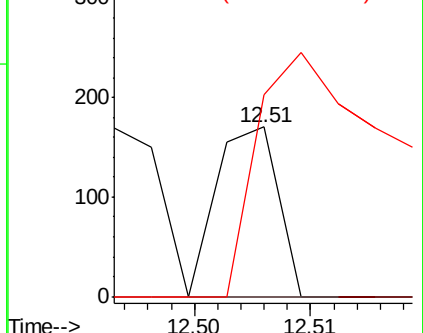
85 295.2 32.2 96.6#

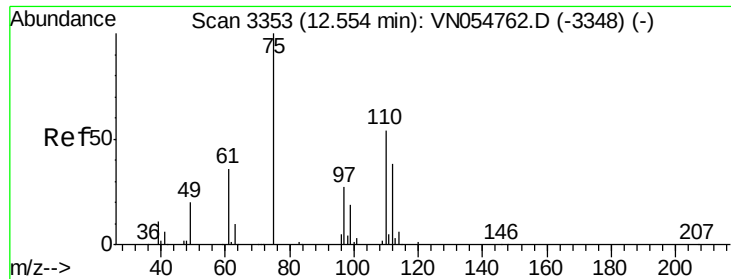


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

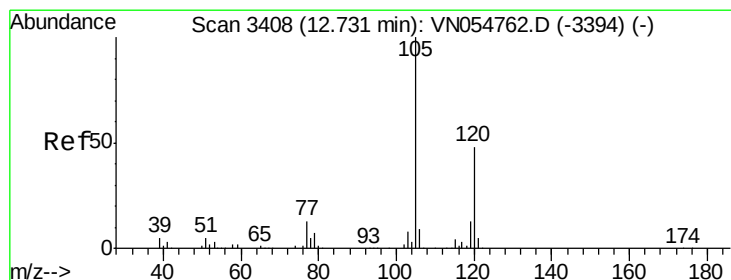
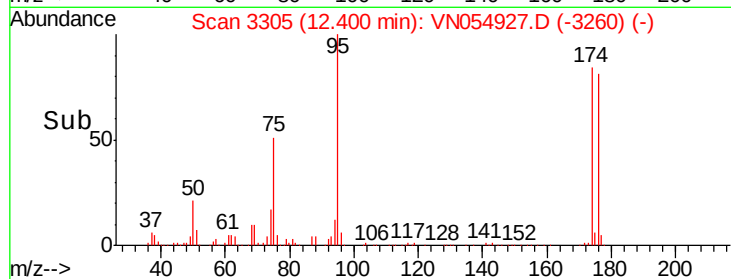
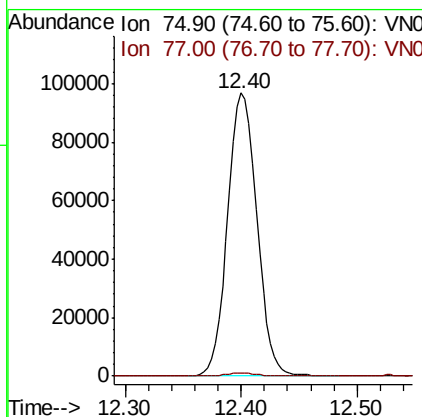
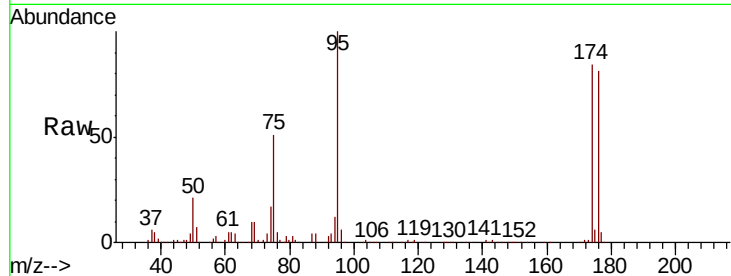




#76
 1,2,3-Trichloropropane
 Concen: 35.235 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN054927.D
 Acq: 3 Apr 2019 15:34

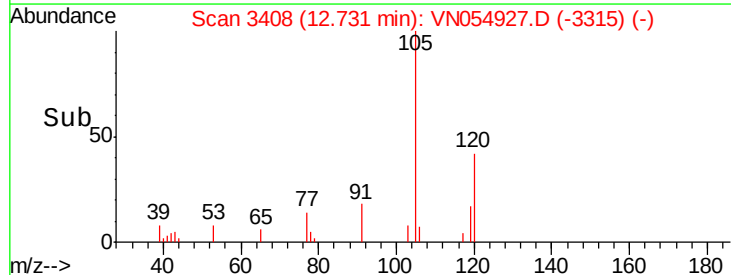
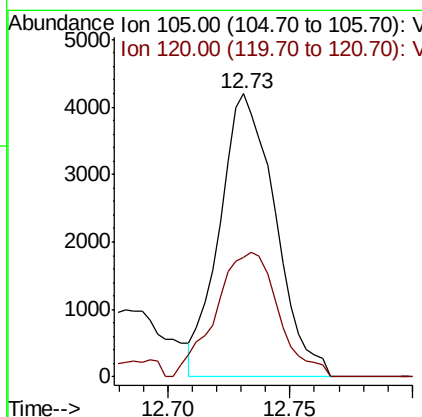
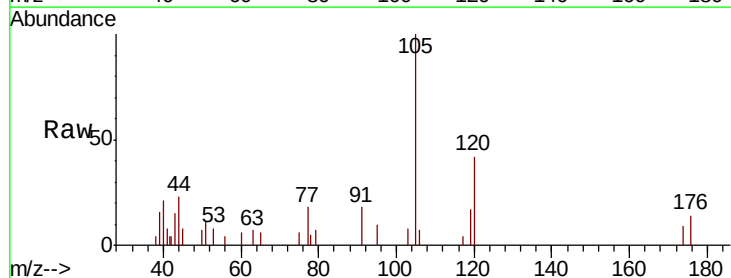
Instrument :
 MSVOA_N
 ClientSampled :

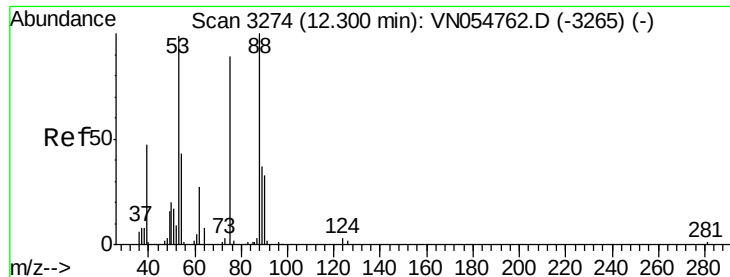
Tot Ion: 75 Resp: 170301
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.356 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN054927.D
 Acq: 3 Apr 2019 15:34

Tgt Ion:105 Resp: 6648
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.0 75.0

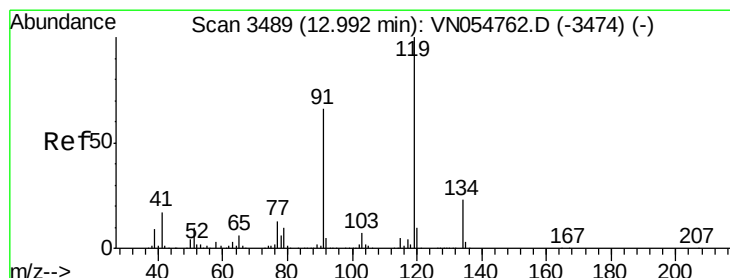
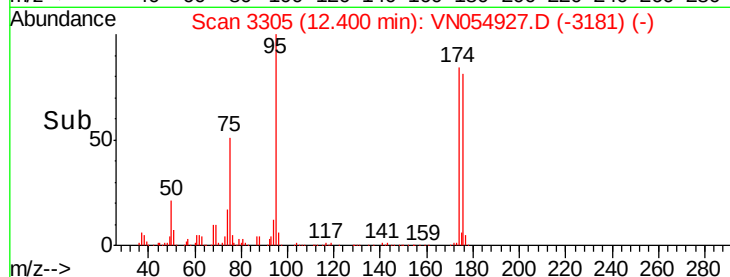
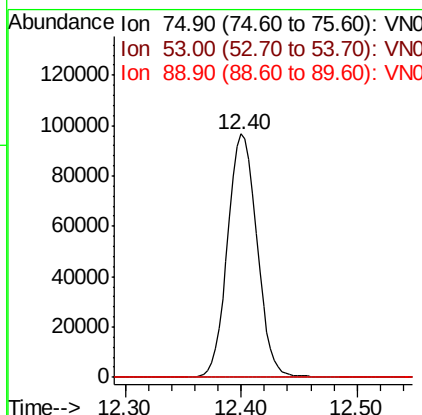
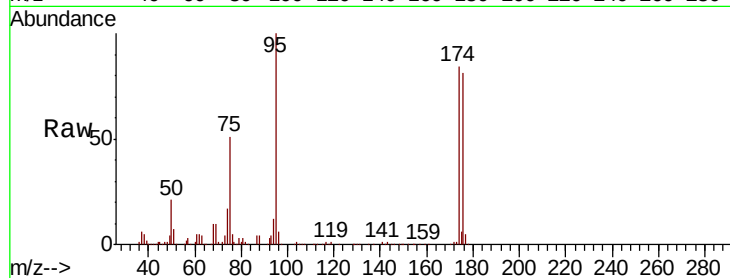




#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.056 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054927.D
 Acq: 3 Apr 2019 15:34

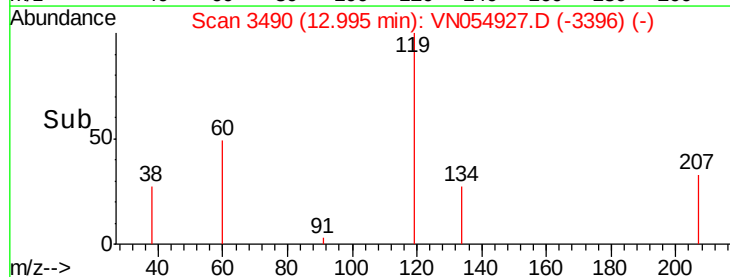
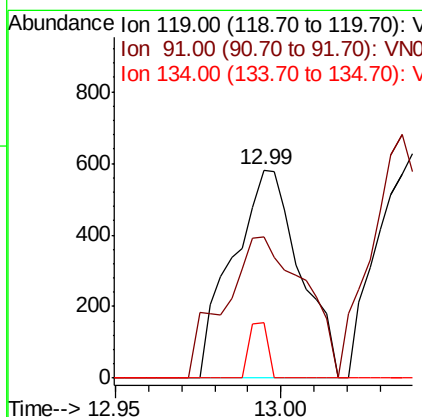
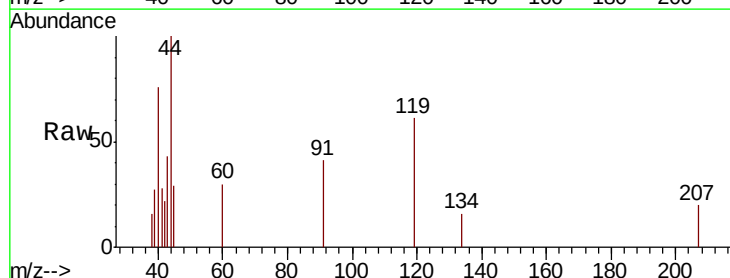
Instrument :
 MSVOA_N
 ClientSampled :

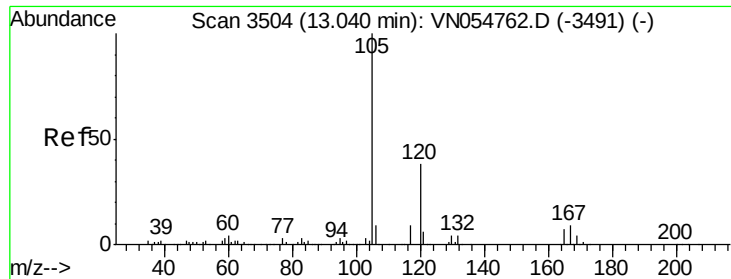
Tot Ion: 75 Resp: 170301
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.2#
 89 0.0 39.2 58.8#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054927.D
 Acq: 3 Apr 2019 15:34

Tgt Ion: 119 Resp: 822
 Ion Ratio Lower Upper
 119 100
 91 80.9 30.9 92.8
 134 7.3 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.435 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

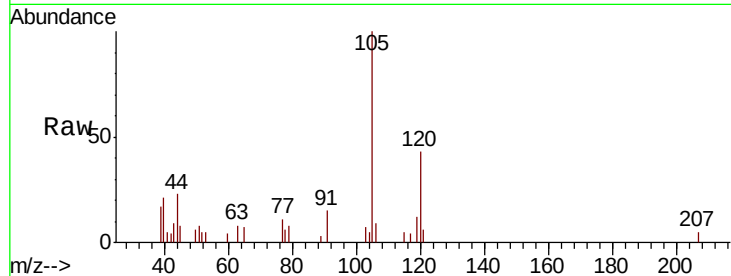
ClientSampled :

Tot Ion:105 Resp: 7732

Ion Ratio Lower Upper

105 100

120 40.5 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

5000

4000

3000

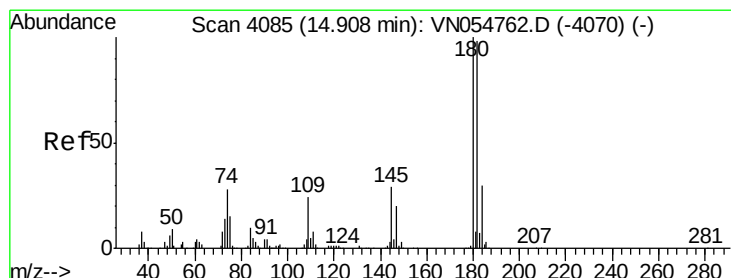
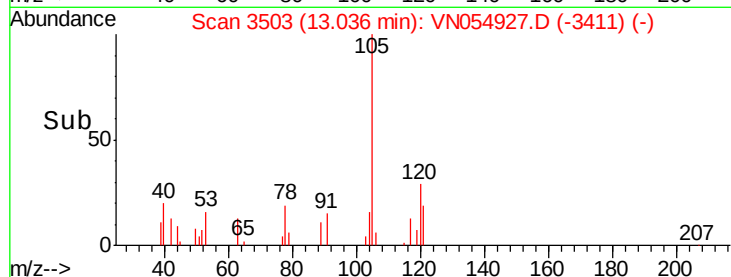
2000

1000

0

Time-->

13.00 13.05 13.10



#93

1,2,4-Trichlorobenzene

Concen: 0.363 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

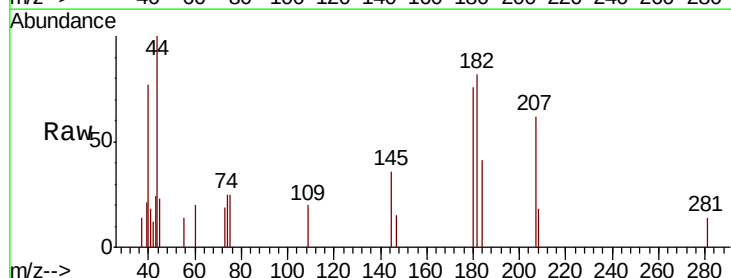
Tgt Ion:180 Resp: 1625

Ion Ratio Lower Upper

180 100

182 108.3 48.0 144.2

145 40.1 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

1500

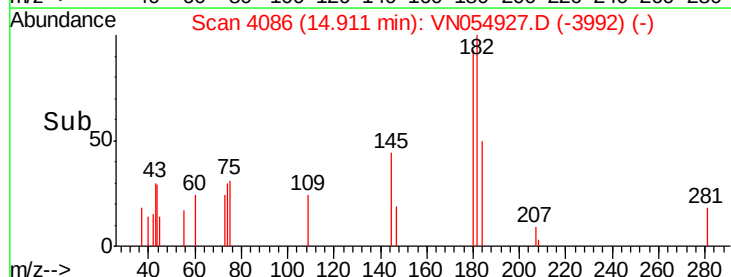
1000

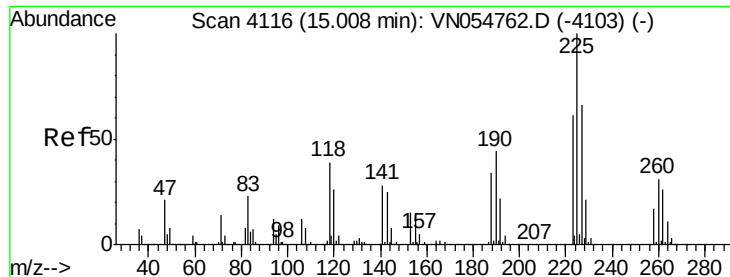
500

0

Time-->

14.90 14.95





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4113

Delta R.T. -0.01 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

ClientSampled :

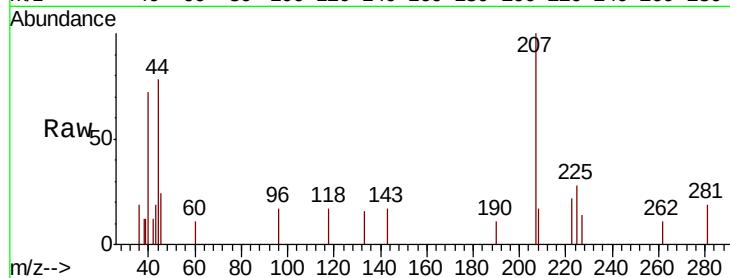
Tot Ion:225 Resp: 738

Ion Ratio Lower Upper

225 100

223 64.8 31.1 93.5

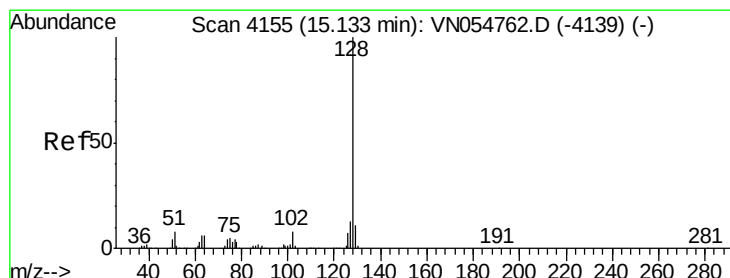
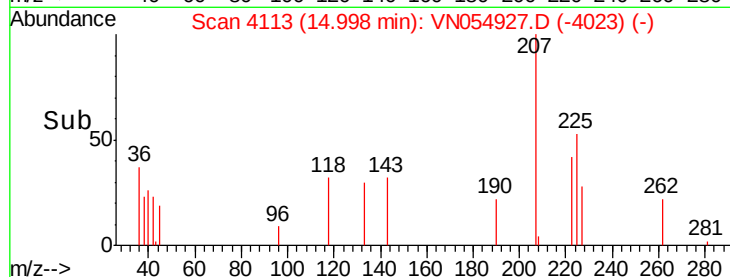
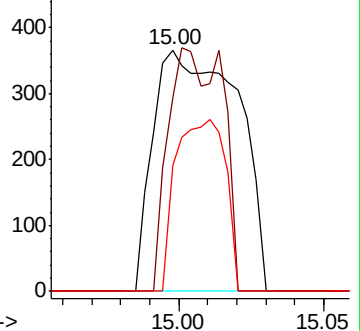
227 42.0 31.9 95.9



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: 1.191 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

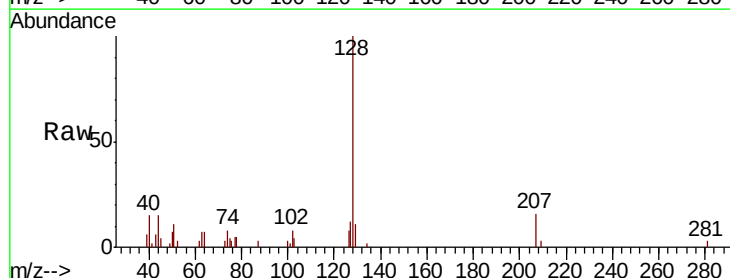
Tgt Ion:128 Resp: 11945

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

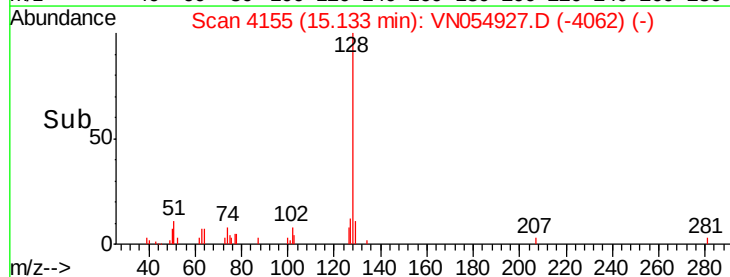
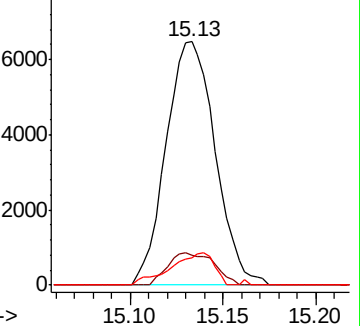
129 11.9 8.7 13.1

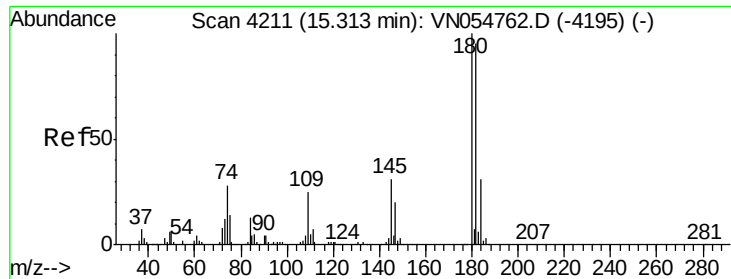


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

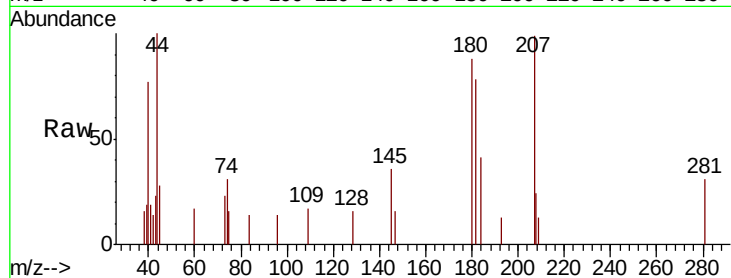




#96
 1,2,3-Trichlorobenzene
 Concen: 0.476 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN054927.D
 Acq: 3 Apr 2019 15:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.5	142.6
145	35.7	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

