

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059232.D
 Acq On : 14 Nov 2019 14:38
 Operator : JC/SP
 Sample : K5843-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-318B-SRI4

Quant Time: Nov 15 06:31:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	510435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	794046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	688382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	258466	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	316757	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
35) Dibromofluoromethane	7.57	113	251441	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
50) Toluene-d8	10.08	98	985716	52.78	ug/l	0.00
Spiked Amount			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.40	95	323194	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.74	101	4318	0.883	ug/l	96
12) 1,1-Dichloroethene	3.72	96	1501	0.315	ug/l #	80
13) Acrolein	3.59	56	432	0.701	ug/l #	14
16) Acetone	3.80	43	14048	4.305	ug/l	97
19) Methyl tert-butyl Ether	5.02	73	16221	0.989	ug/l	92
25) 2-Butanone	6.83	43	3695	0.859	ug/l	96
27) cis-1,2-Dichloroethene	6.81	96	2035	0.343	ug/l	93
28) Bromochloromethane	7.36	49	913	0.294	ug/l #	17
30) Chloroform	7.36	83	13497	1.364	ug/l	98
31) Cyclohexane	7.65	56	9642	0.987	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	38729	5.218	ug/l #	50
38) Carbon Tetrachloride	7.64	117	48993	6.632	ug/l #	16
42) 1,2-Dichloroethane	8.11	62	1987	0.259	ug/l #	75
44) Trichloroethene	8.82	130	34840	6.341	ug/l	97
48) Methyl methacrylate	9.17	41	2730	0.464	ug/l #	27
51) 4-Methyl-2-Pentanone	9.98	43	1587	0.213	ug/l #	62
56) Ethyl methacrylate	10.37	69	63	1.880	ug/l #	1
60) Dibromochloromethane	10.63	129	37277	6.503	ug/l #	11
64) Tetrachloroethene	10.63	164	40348	8.620	ug/l	99
71) Bromoform	12.40	173	1861	0.475	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	160518	27.279	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	160518	72.050	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	275	0.242	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	981	3.237	ug/l	79
95) Naphthalene	15.13	128	4258	3.343	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.30	180	1430	0.321	ug/l	88

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059232.D

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Instrument :

MSVOA_N

ClientSampleId :

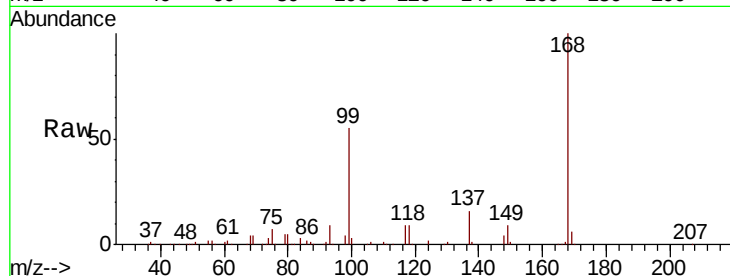
MW-318B-SRI4

Tot Ion:168 Resp: 510435

Ion Ratio Lower Upper

168 100

99 55.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

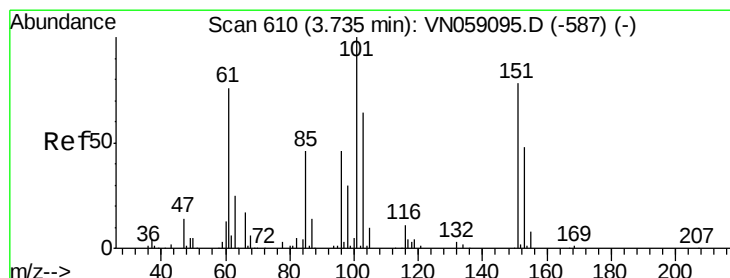
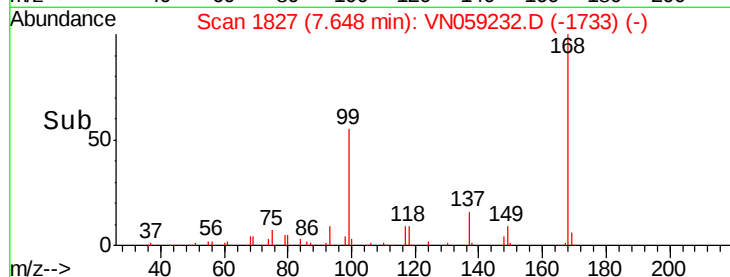
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.883 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

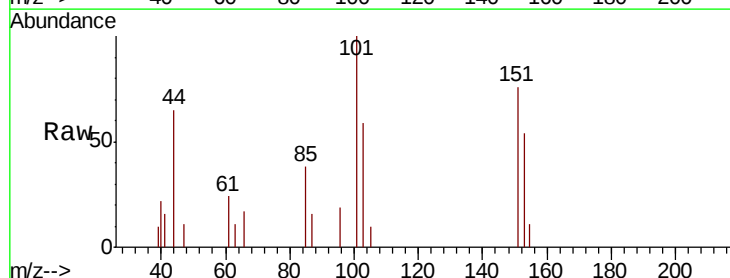
Tgt Ion:101 Resp: 4318

Ion Ratio Lower Upper

101 100

85 40.7 35.5 53.3

151 75.2 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.74

2000

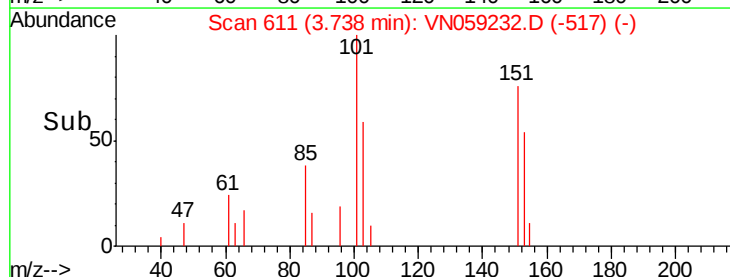
1500

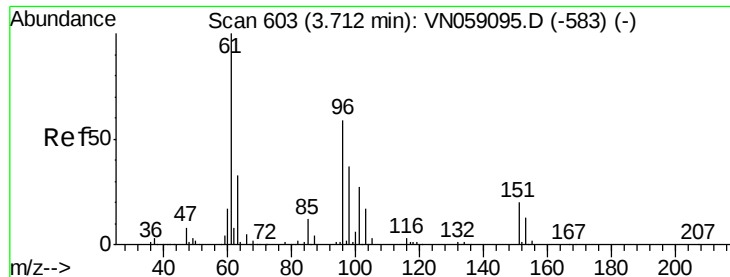
1000

500

0

Time--> 3.65 3.70 3.75 3.80





#12

1,1-Dichloroethene

Concen: 0.315 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.01 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-318B-SRI4

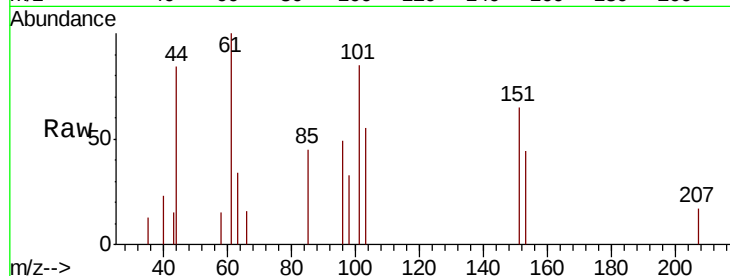
Tot Ion: 96 Resp: 1501

Ion Ratio Lower Upper

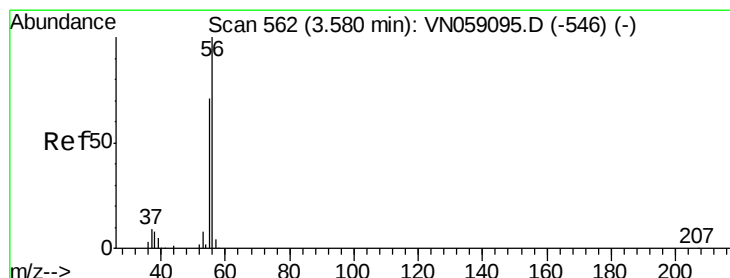
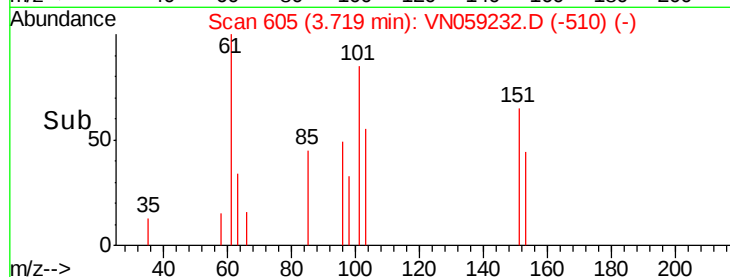
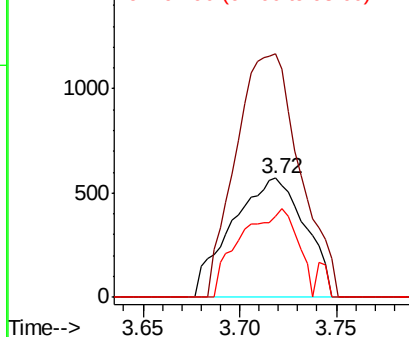
96 100

61 204.9 136.5 204.7#

98 67.7 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#13

Acrolein

Concen: 0.701 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.01 min

Lab File: VN059232.D

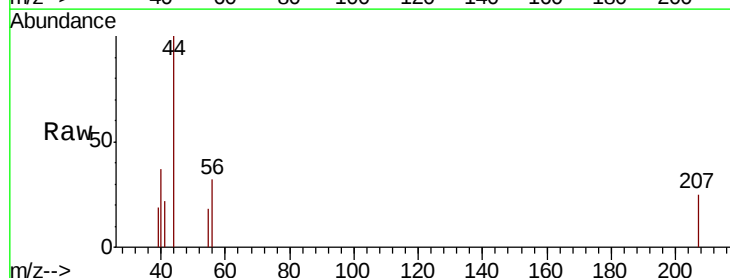
Acq: 14 Nov 2019 14:38

Tgt Ion: 56 Resp: 432

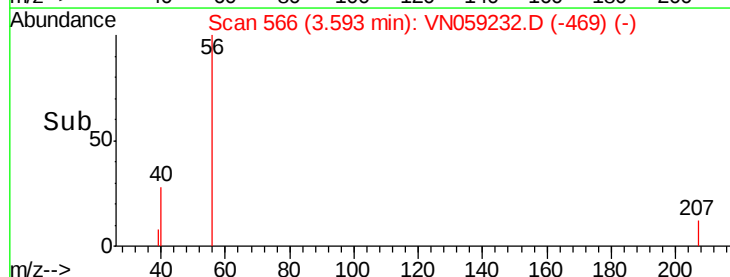
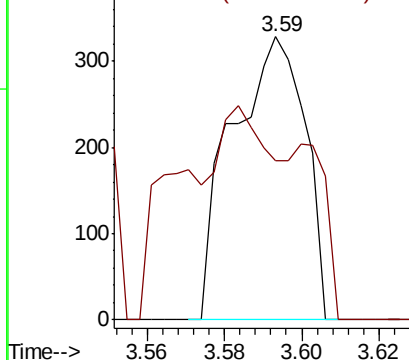
Ion Ratio Lower Upper

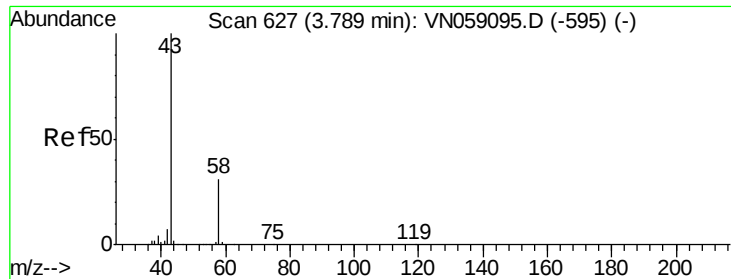
56 100

55 0.0 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 4.305 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampled :

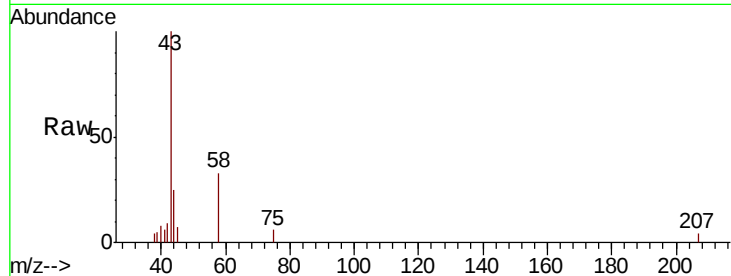
MW-318B-SRI4

Tot Ion: 43 Resp: 14048

Ion Ratio Lower Upper

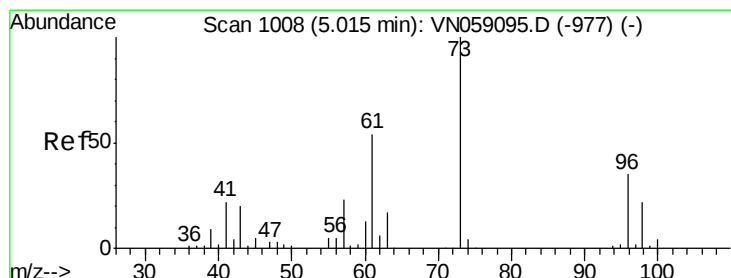
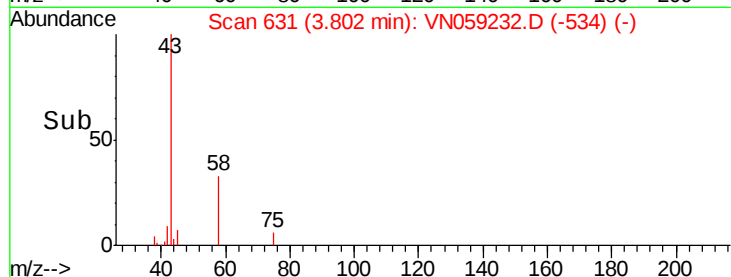
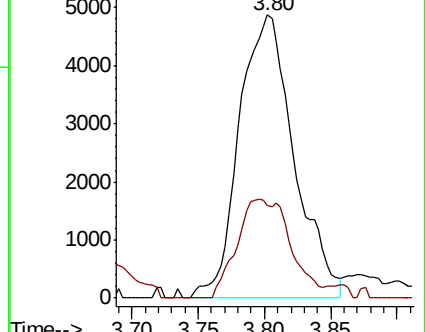
43 100

58 32.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-595) (-)



#19

Methyl tert-butyl Ether

Concen: 0.989 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.01 min

Lab File: VN059232.D

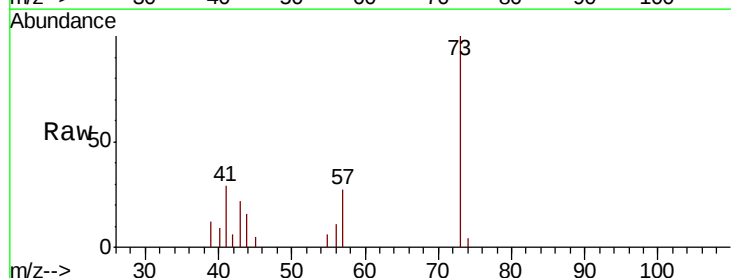
Acq: 14 Nov 2019 14:38

Tgt Ion: 73 Resp: 16221

Ion Ratio Lower Upper

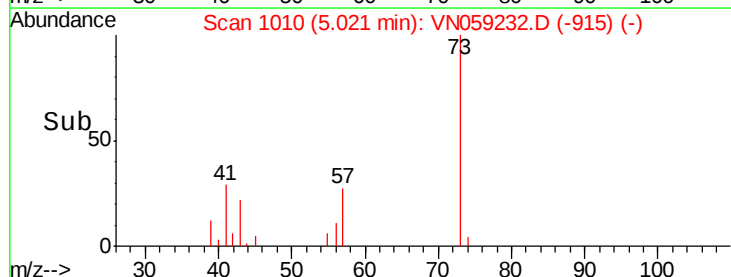
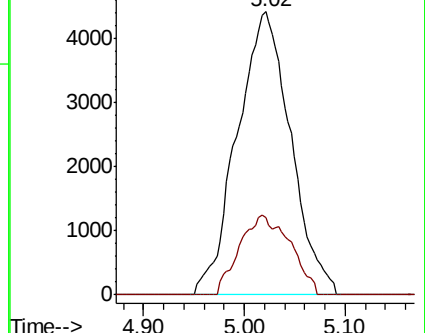
73 100

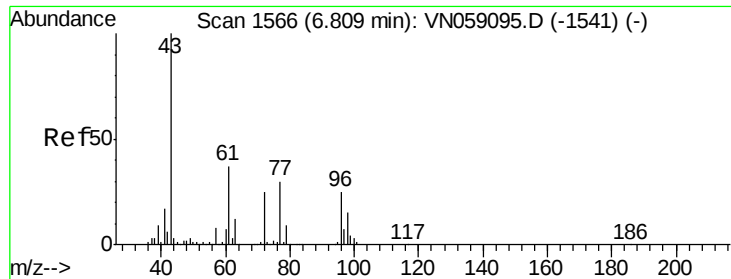
57 27.1 18.4 27.6



Abundance Ion 73.00 (72.70 to 73.70): VN059095.D (-977) (-)

Ion 57.00 (56.70 to 57.70): VN059095.D (-977) (-)

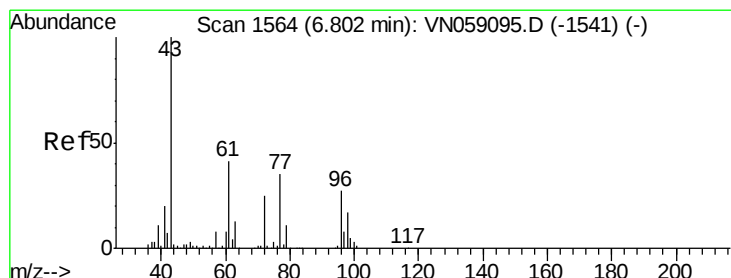
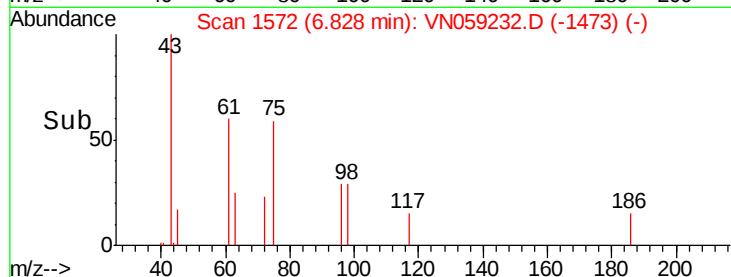
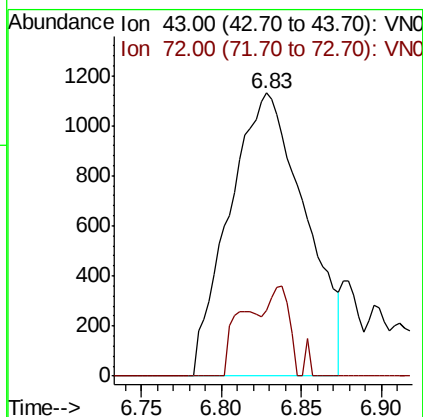
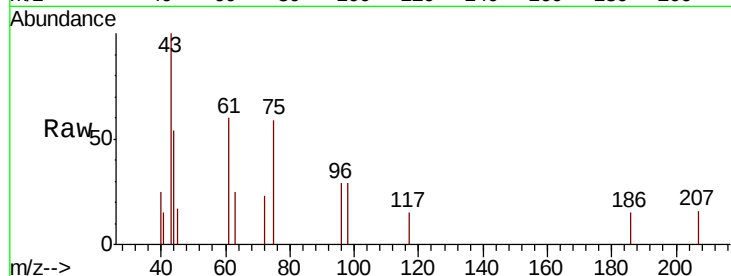




#25
2-Butanone
Concen: 0.859 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VN059232.D
Acq: 14 Nov 2019 14:38

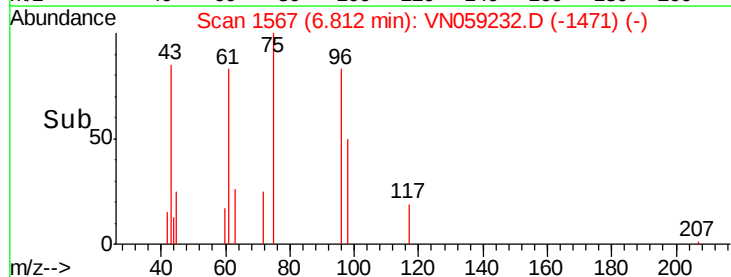
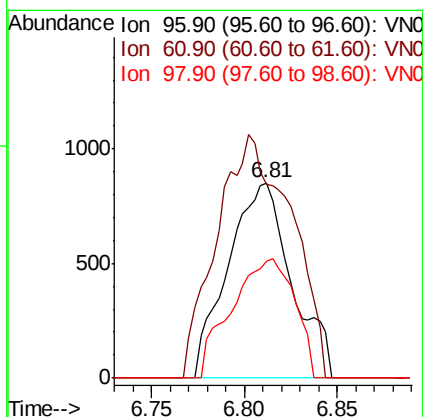
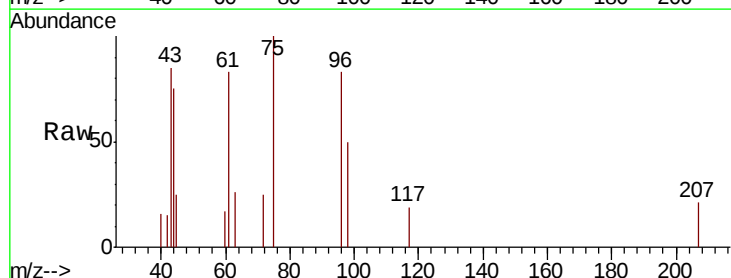
Instrument :
MSVOA_N
ClientSampleId :
MW-318B-SRI4

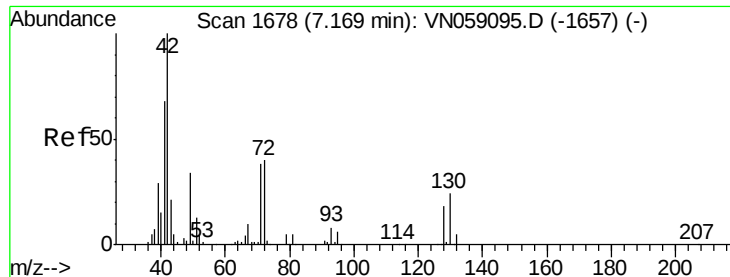
Tot Ion: 43 Resp: 3695
Ion Ratio Lower Upper
43 100
72 23.3 20.3 30.5



#27
cis-1,2-Dichloroethene
Concen: 0.343 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN059232.D
Acq: 14 Nov 2019 14:38

Tgt Ion: 96 Resp: 2035
Ion Ratio Lower Upper
96 100
61 145.7 0.0 311.6
98 60.6 0.0 129.8





#28

Bromochloromethane

Concen: 0.294 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.19 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-318B-SRI4

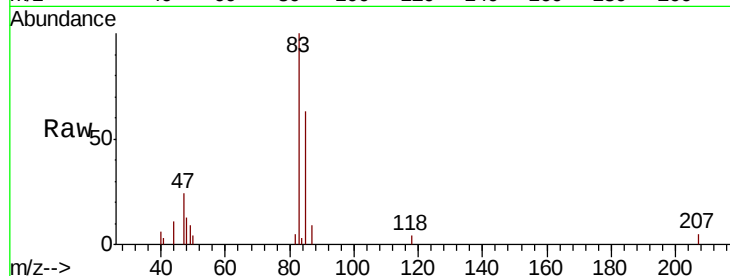
Tot Ion: 49 Resp: 913

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

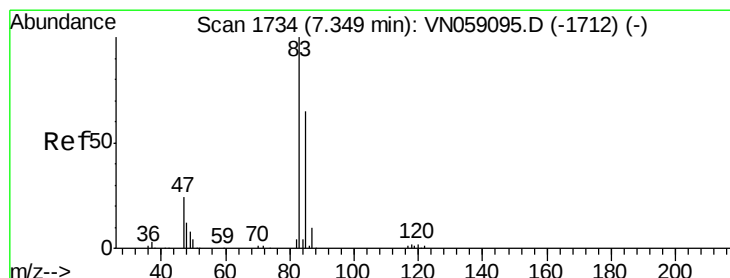
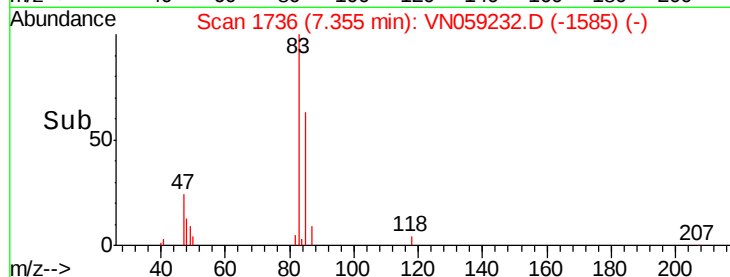
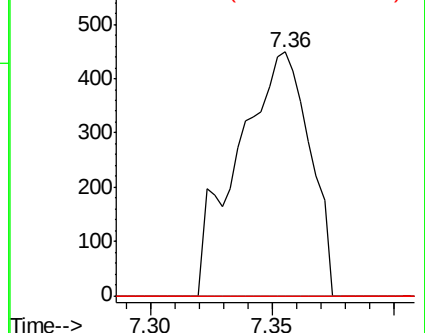
130 0.0 55.6 83.4#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#30

Chloroform

Concen: 1.364 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.01 min

Lab File: VN059232.D

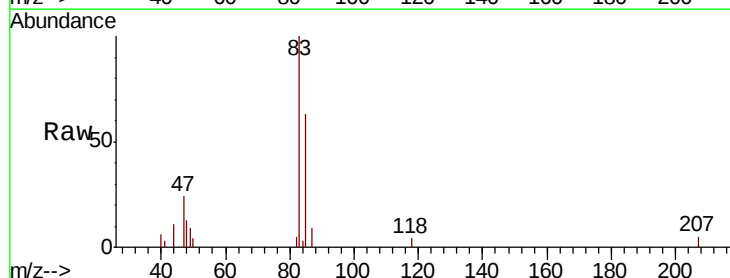
Acq: 14 Nov 2019 14:38

Tgt Ion: 83 Resp: 13497

Ion Ratio Lower Upper

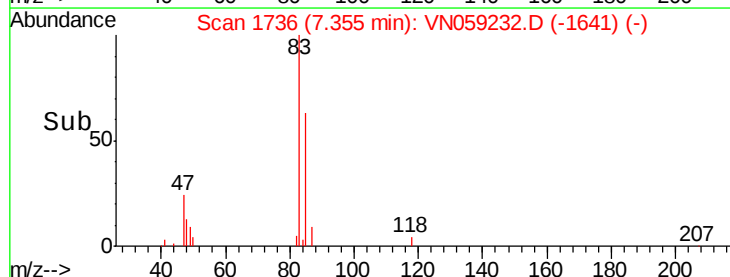
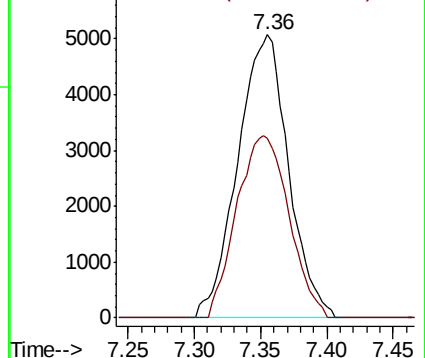
83 100

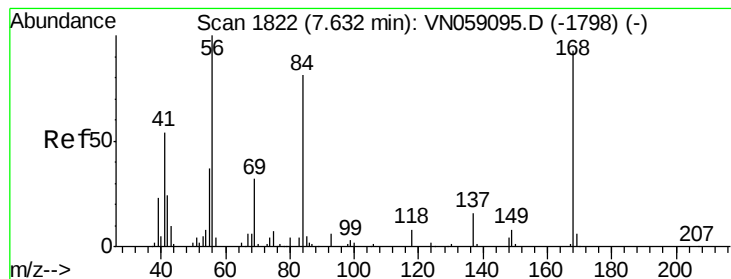
85 63.3 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.987 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.02 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampled :

MW-318B-SRI4

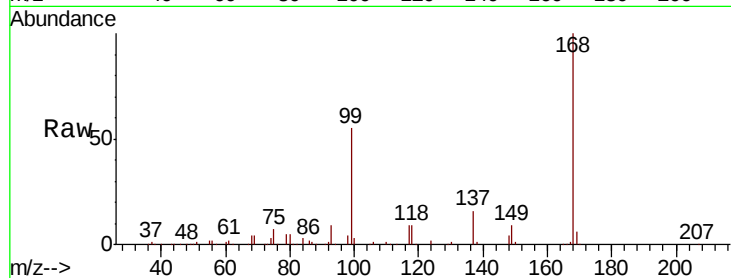
Tot Ion: 56 Resp: 9642

Ion Ratio Lower Upper

56 100

69 219.0 25.8 38.8#

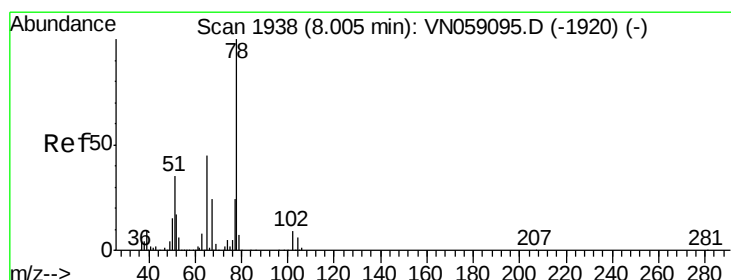
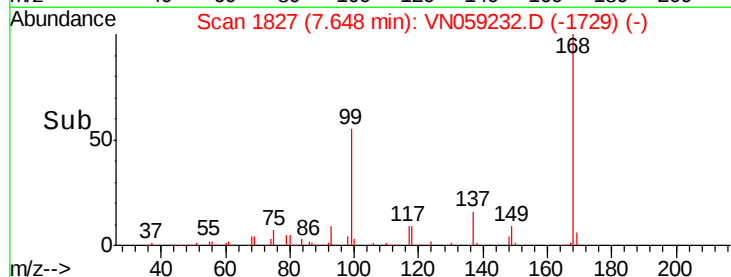
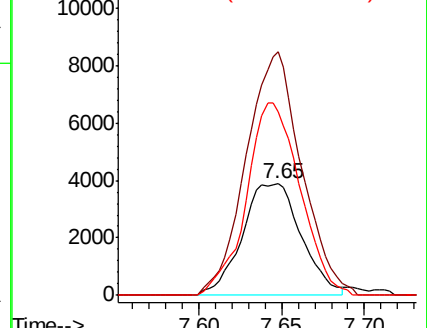
84 164.5 65.0 97.4#



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: 50.483 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059232.D

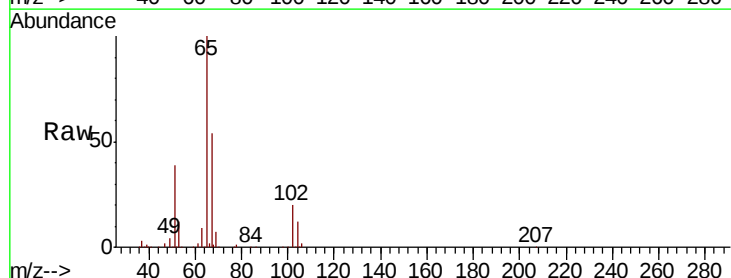
Acq: 14 Nov 2019 14:38

Tgt Ion: 65 Resp: 316757

Ion Ratio Lower Upper

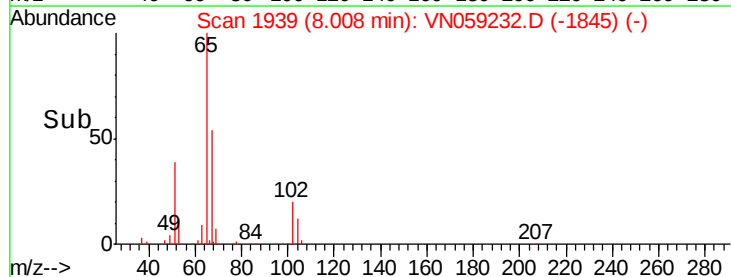
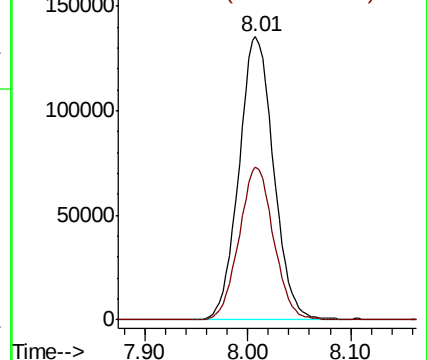
65 100

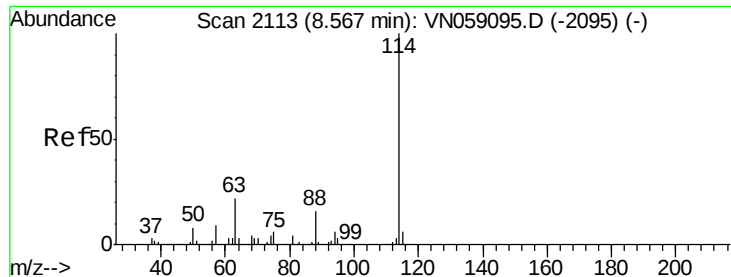
67 53.8 0.0 107.4



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: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-318B-SRI4

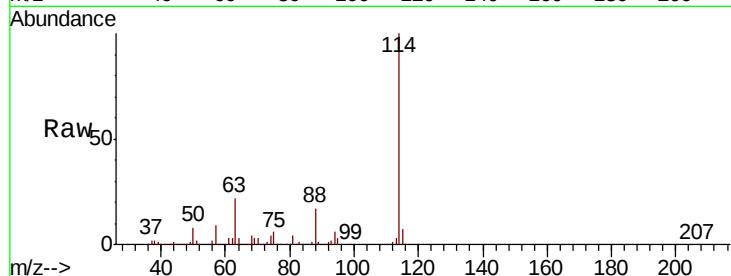
Tot Ion:114 Resp: 794046

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

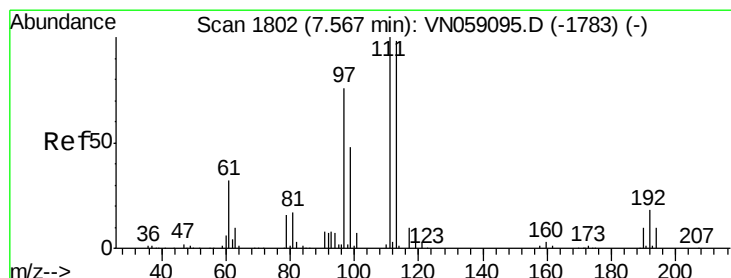
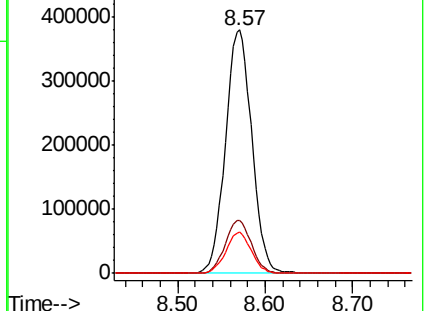
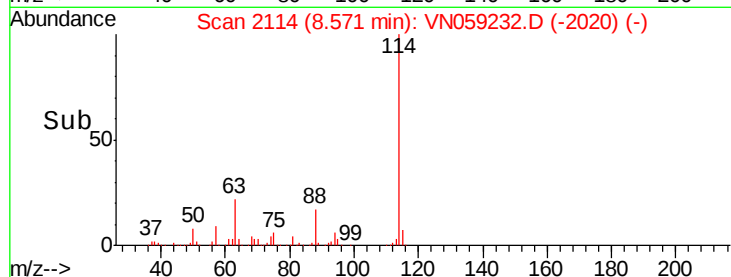
88 16.8 0.0 32.2



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: 53.033 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

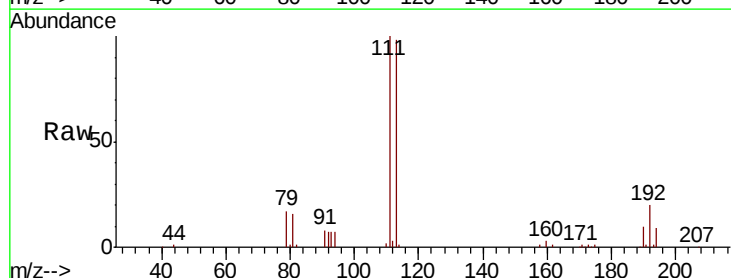
Tgt Ion:113 Resp: 251441

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

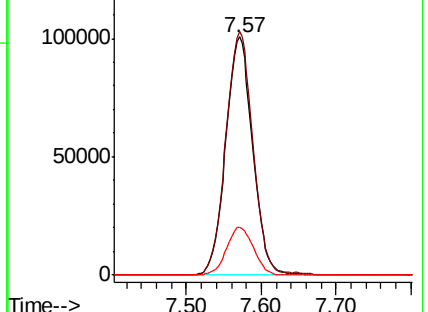
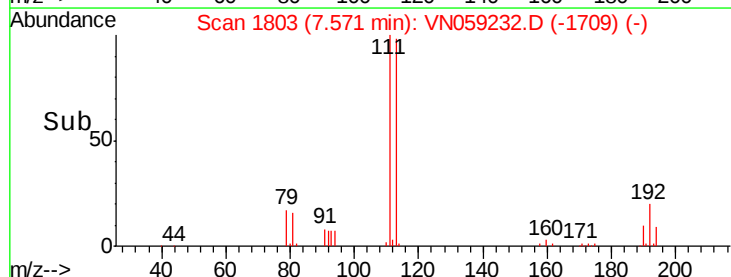
192 20.1 16.1 24.1

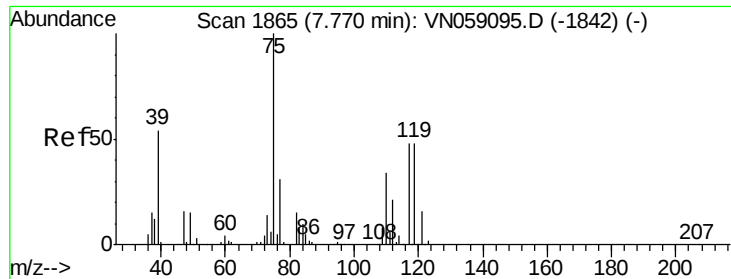


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

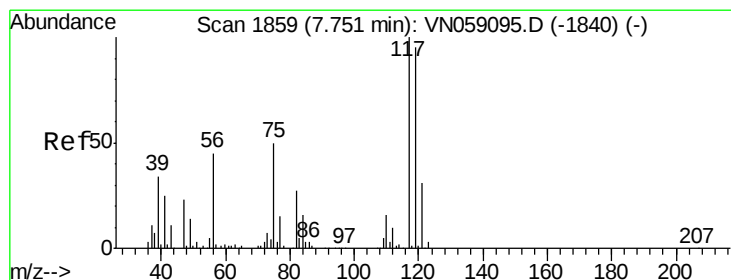
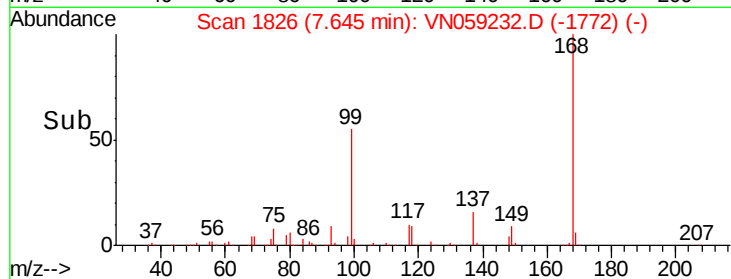
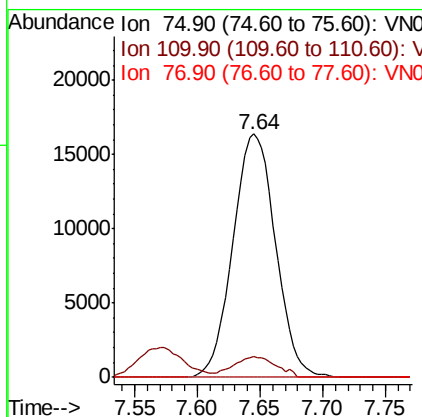
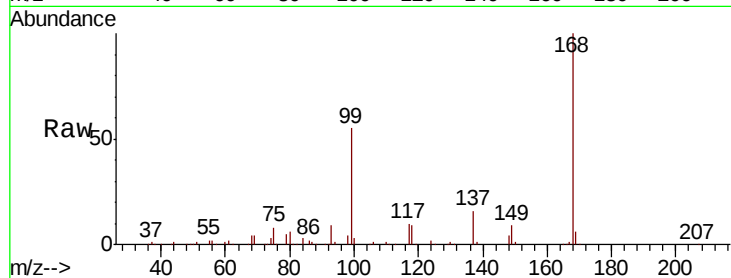




#36
 1,1-Dichloropropene
 Concen: 5.218 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059232.D
 Acq: 14 Nov 2019 14:38

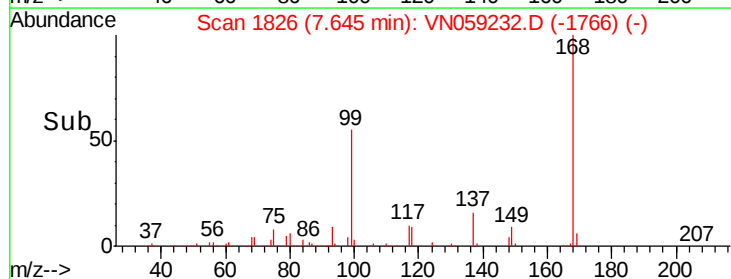
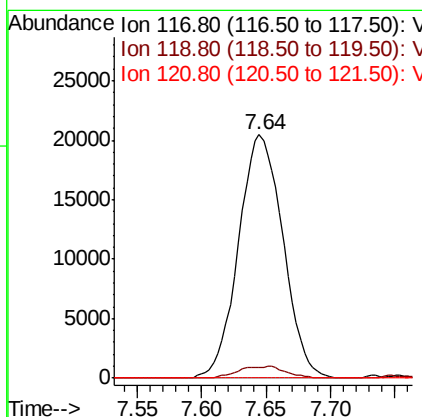
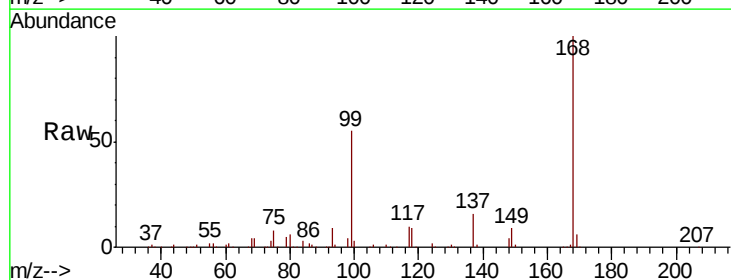
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-318B-SRI4

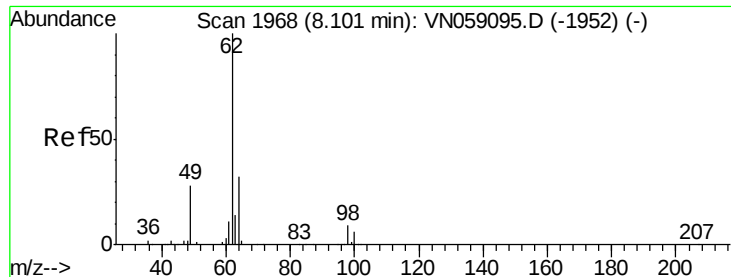
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.1	51.2#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.632 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059232.D
 Acq: 14 Nov 2019 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.6	113.4#
121	0.0	24.6	36.8#





#42

1,2-Dichloroethane

Concen: 0.259 ug/l

RT: 8.11 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

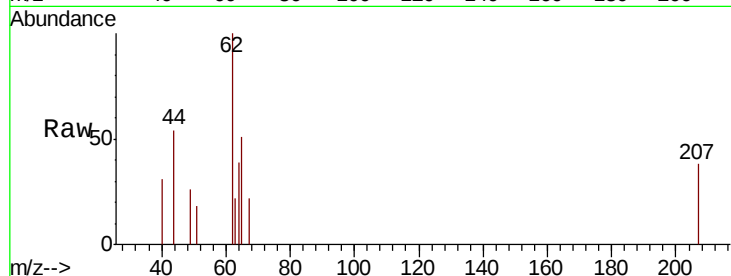
MW-318B-SRI4

Tot Ion: 62 Resp: 1987

Ion Ratio Lower Upper

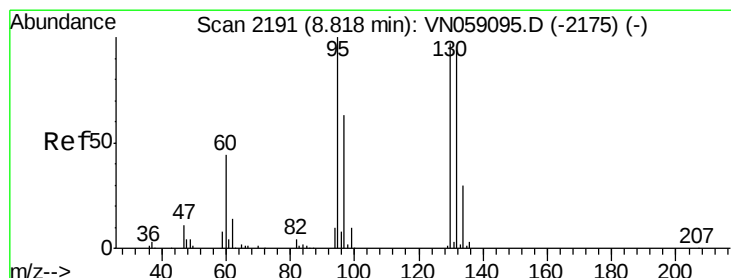
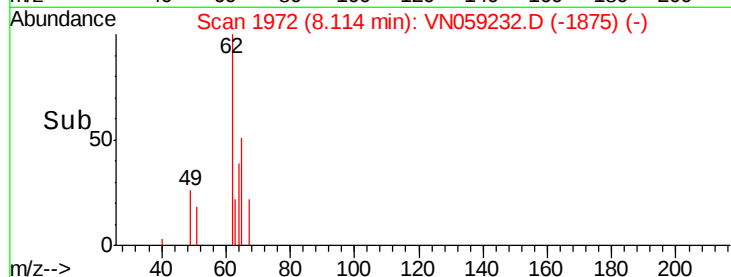
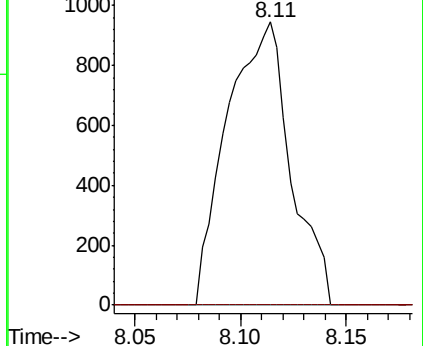
62 100

98 0.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VN059095.D (-1952) (-)

Ion 97.90 (97.60 to 98.60): VN059095.D (-1952) (-)



#44

Trichloroethene

Concen: 6.341 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059232.D

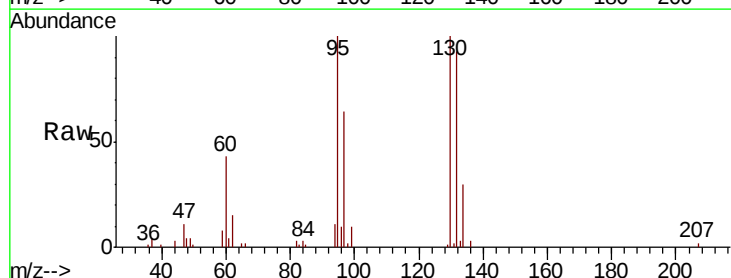
Acq: 14 Nov 2019 14:38

Tgt Ion:130 Resp: 34840

Ion Ratio Lower Upper

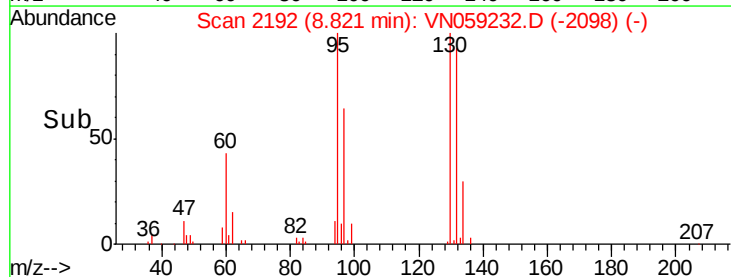
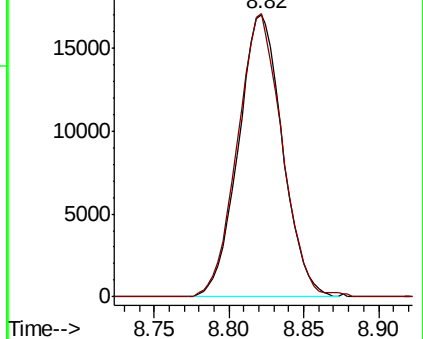
130 100

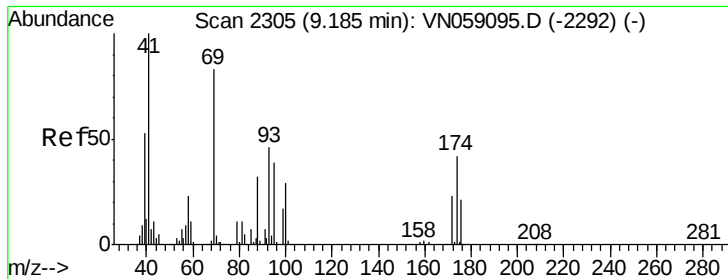
95 100.3 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059095.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059095.D (-2175) (-)

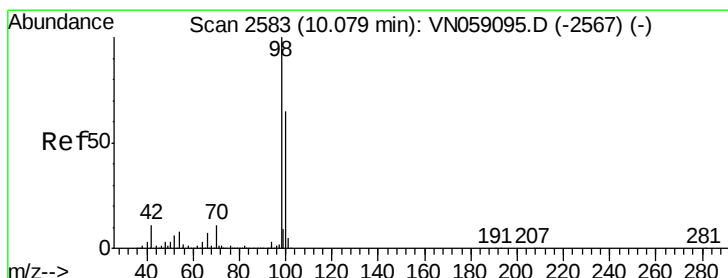
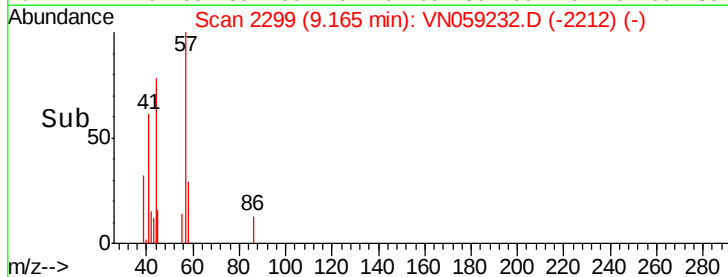
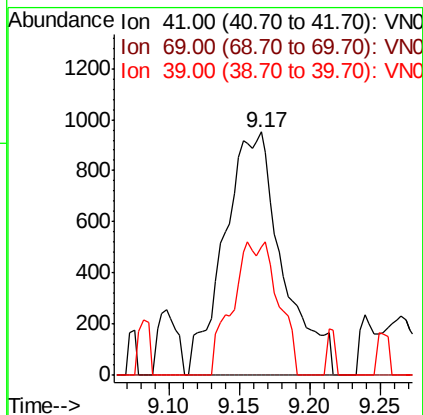
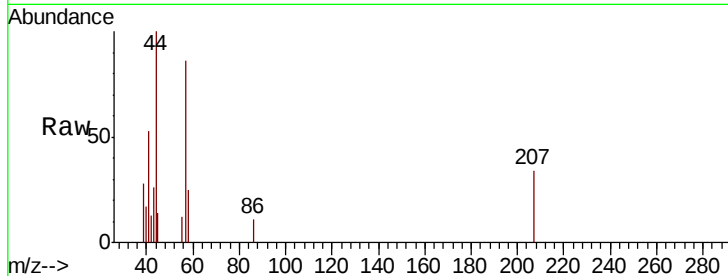




#48
Methvl methacrylate
Concen: 0.464 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.02 min
Lab File: VN059232.D
Acq: 14 Nov 2019 14:38

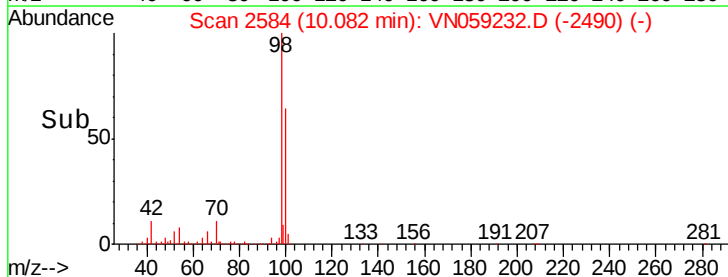
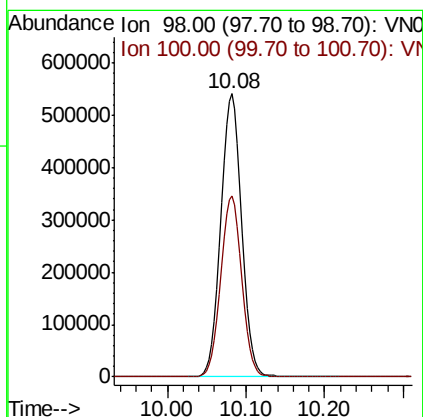
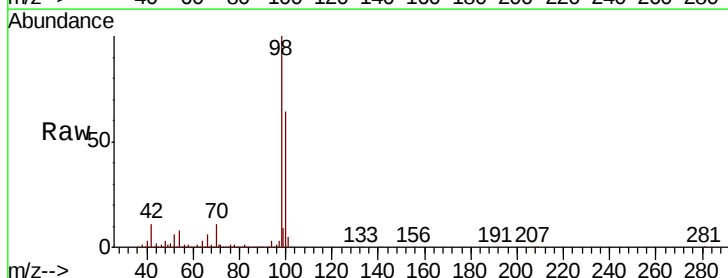
Instrument :
MSVOA_N
ClientSampleId :
MW-318B-SRI4

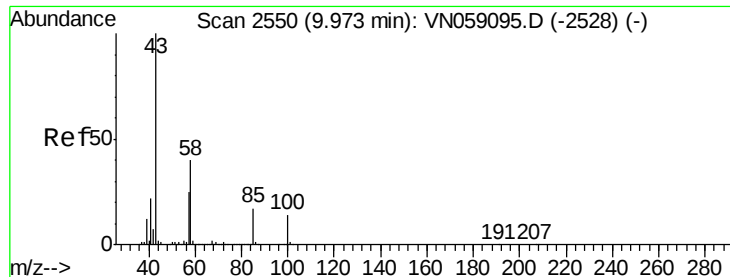
Tot Ion: 41 Resp: 2730
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 24.0 43.3 64.9#



#50
Toluene-d8
Concen: 52.782 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059232.D
Acq: 14 Nov 2019 14:38

Tgt Ion: 98 Resp: 985716
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 0.213 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.01 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

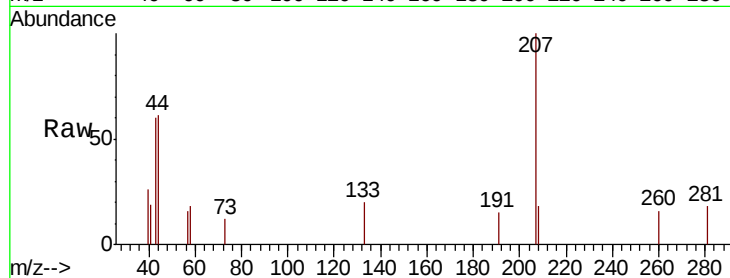
MW-318B-SRI4

Tot Ion: 43 Resp: 1587

Ion Ratio Lower Upper

43 100

58 16.3 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-2528) (-)

9.98

800

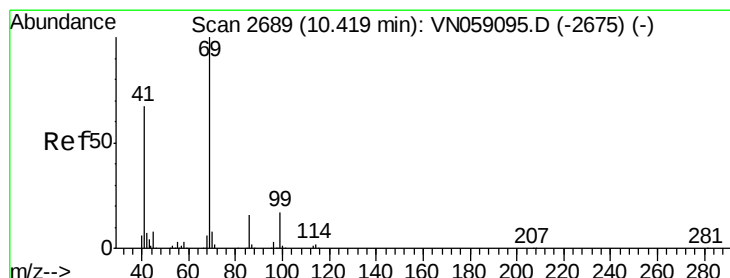
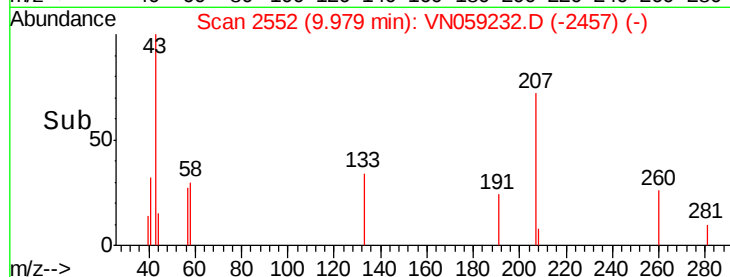
600

400

200

0

Time-->



#56

Ethyl methacrylate

Concen: 1.880 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.05 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

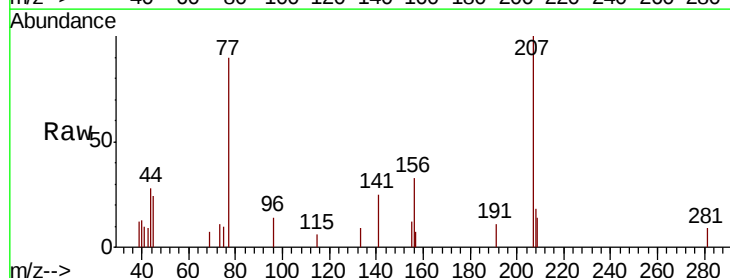
Tgt Ion: 69 Resp: 63

Ion Ratio Lower Upper

69 100

41 68.3 53.6 80.4

39 322.2 26.2 39.4#



Abundance Ion 69.00 (68.70 to 69.70): VN059095.D (-2675) (-)

Ion 41.00 (40.70 to 41.70): VN059095.D (-2675) (-)

Ion 39.00 (38.70 to 39.70): VN059095.D (-2675) (-)

400

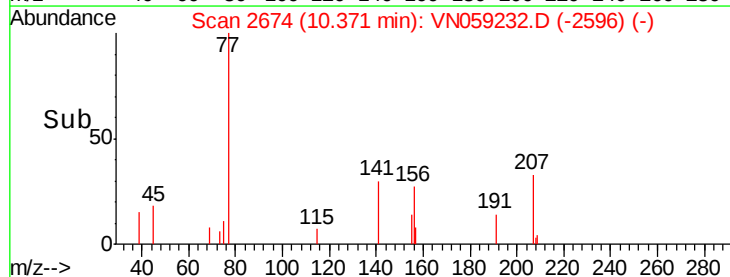
300

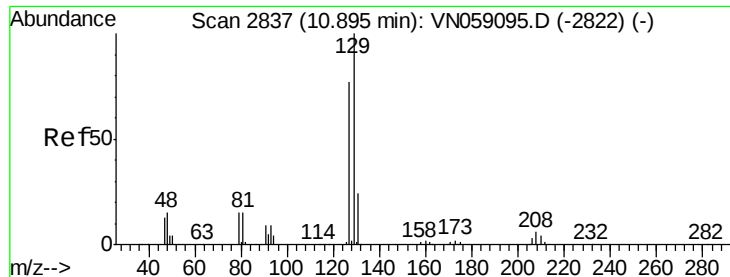
200

100

0

Time-->





#60

Dibromochloromethane

Concen: 6.503 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.27 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

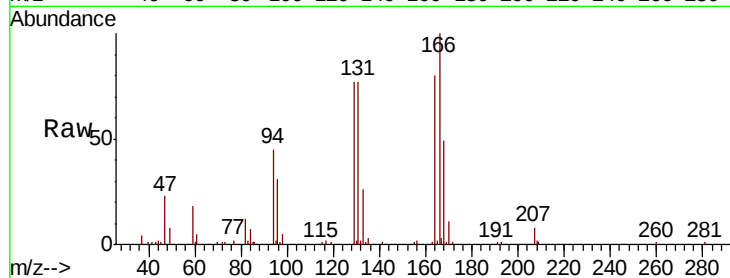
MW-318B-SRI4

Tot Ion:129 Resp: 37277

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

25000

20000

15000

10000

5000

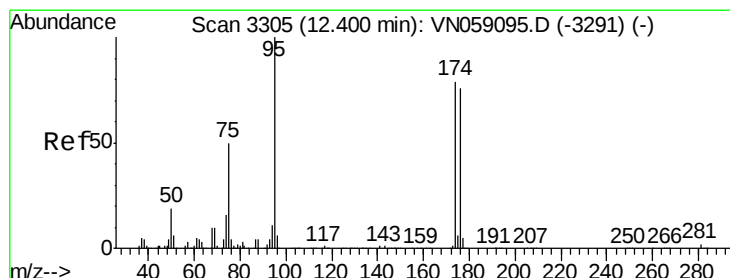
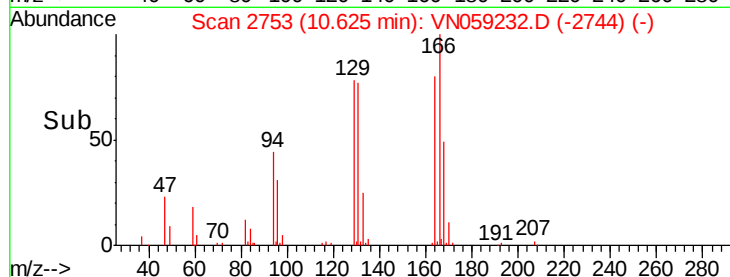
0

10.60

10.63

10.65

Time-->



#62

4-Bromofluorobenzene

Concen: 47.997 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

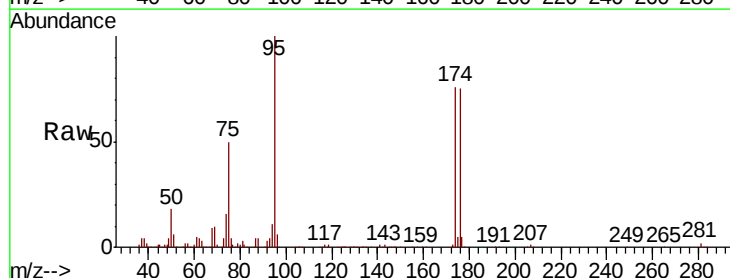
Tgt Ion: 95 Resp: 323194

Ion Ratio Lower Upper

95 100

174 77.0 0.0 158.2

176 75.9 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

100000

50000

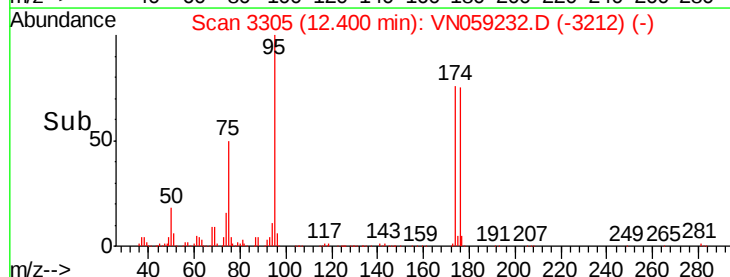
0

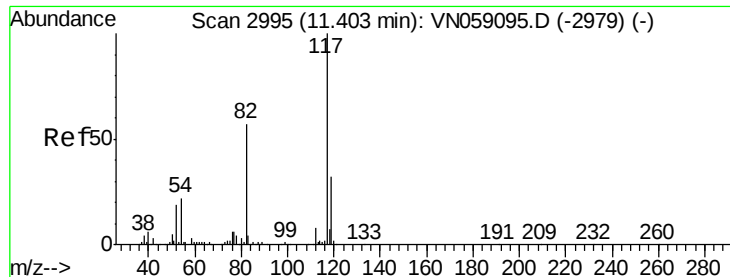
12.30

12.40

12.50

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-318B-SRI4

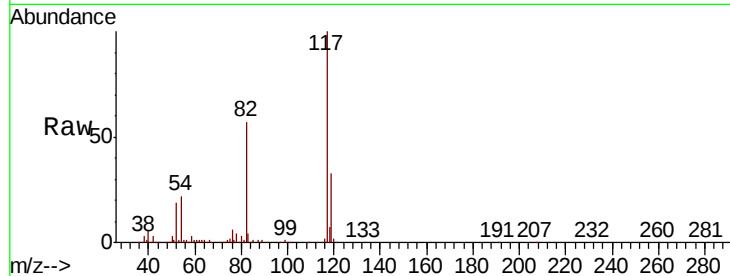
Tot Ion:117 Resp: 688382

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.8

119 32.5 25.8 38.6

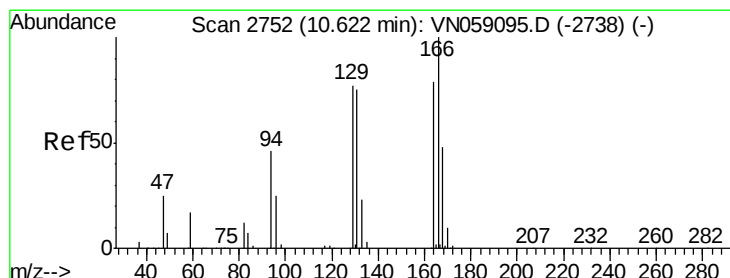
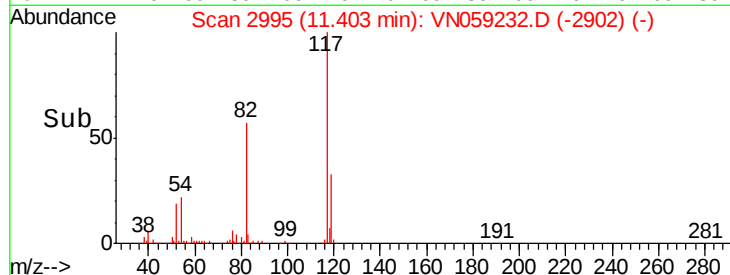
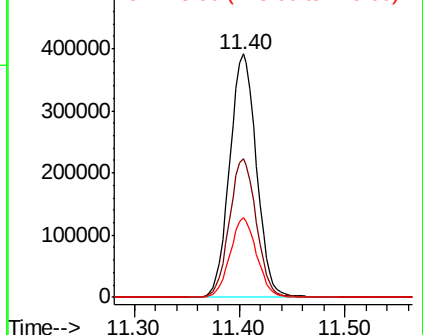


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 8.620 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Tgt Ion:164 Resp: 40348

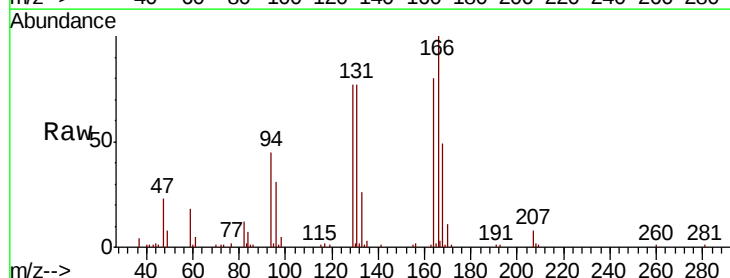
Ion Ratio Lower Upper

164 100

166 125.4 101.5 152.3

129 97.1 78.3 117.5

131 96.1 75.9 113.9



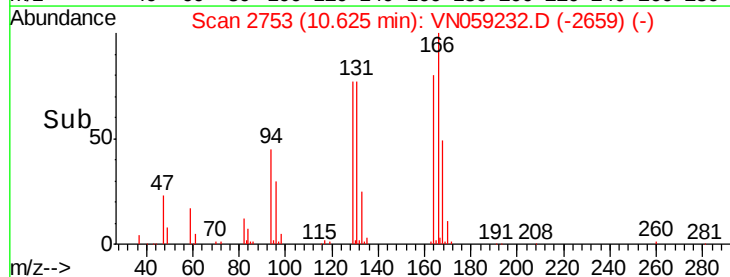
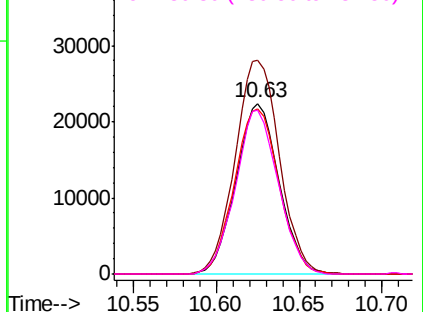
Abundance

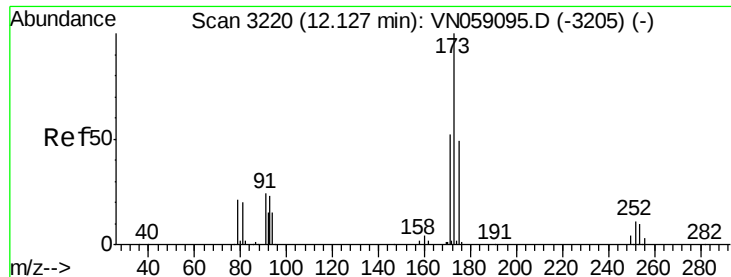
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#71

Bromoform

Concen: 0.475 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-318B-SRI4

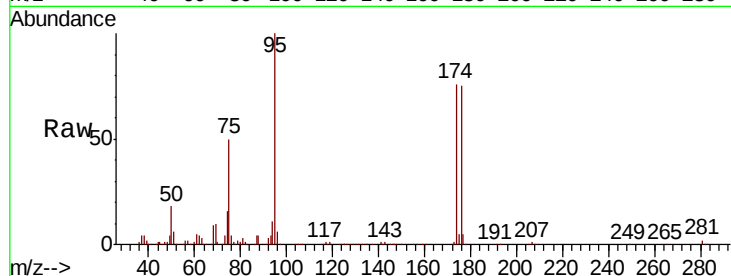
Tot Ion:173 Resp: 1861

Ion Ratio Lower Upper

173 100

175 838.2 24.2 72.6#

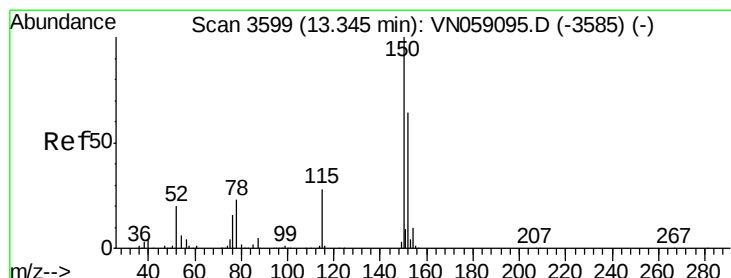
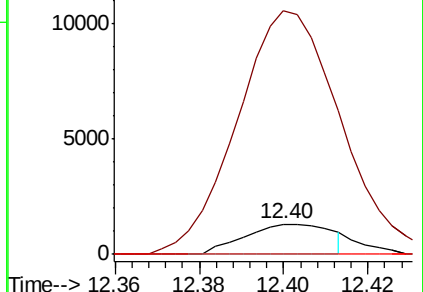
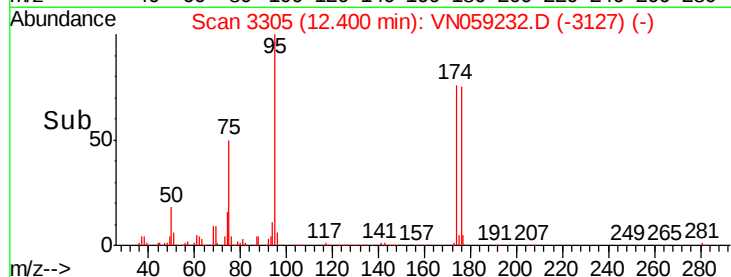
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

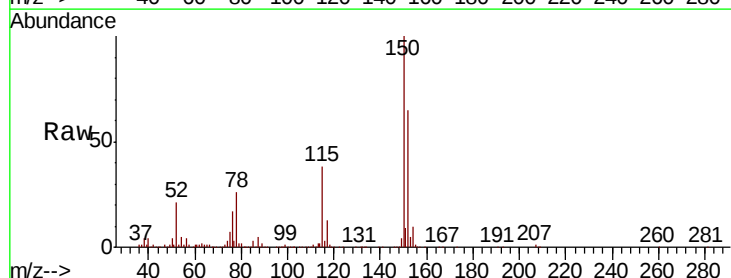
Tgt Ion:152 Resp: 258466

Ion Ratio Lower Upper

152 100

115 59.8 29.4 88.2

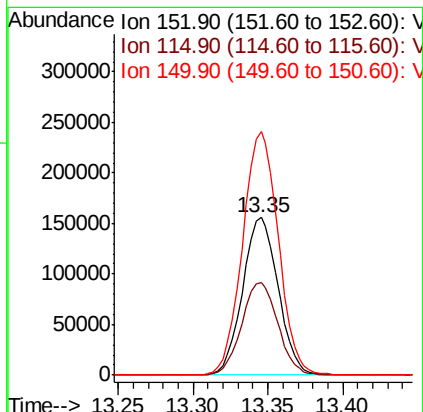
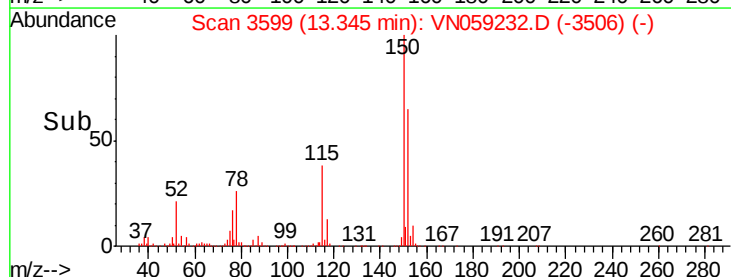
150 155.4 0.0 345.8

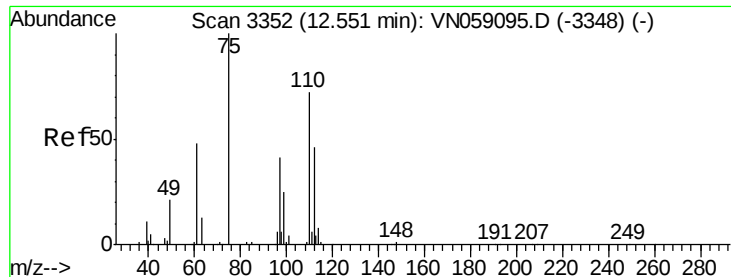


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.279 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

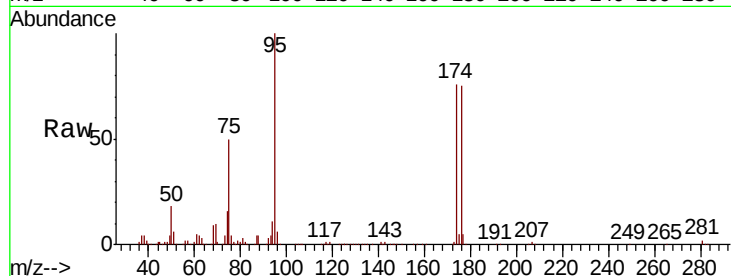
MW-318B-SRI4

Tot Ion: 75 Resp: 160518

Ion Ratio Lower Upper

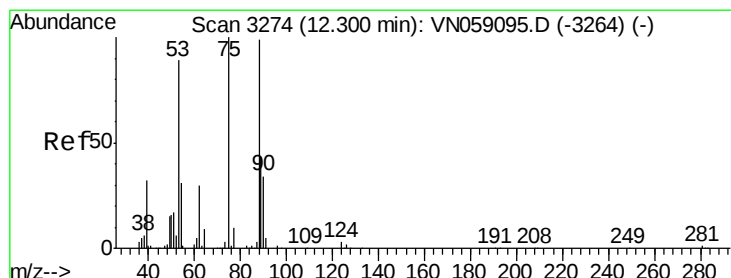
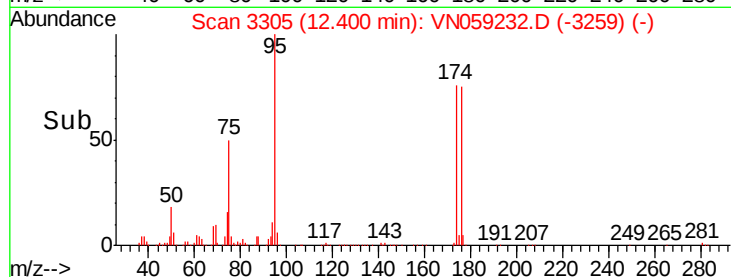
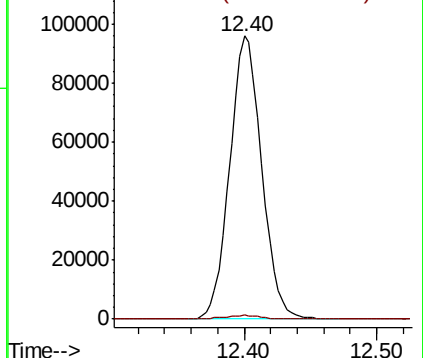
75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 72.050 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

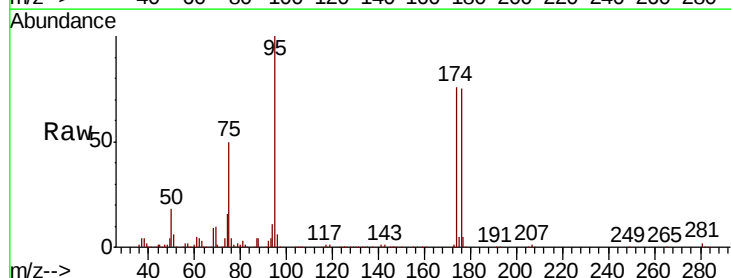
Tgt Ion: 75 Resp: 160518

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

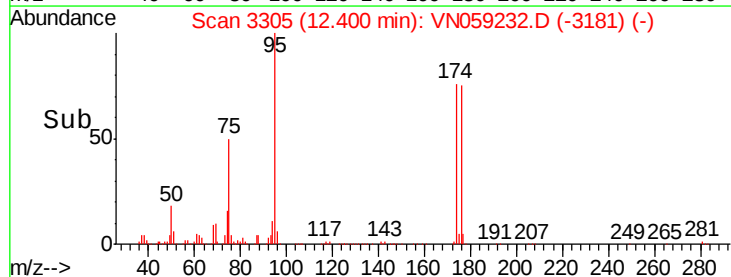
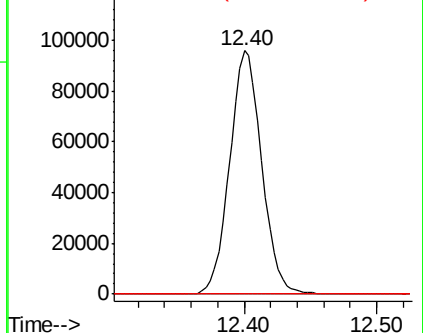
89 0.0 35.8 53.8#

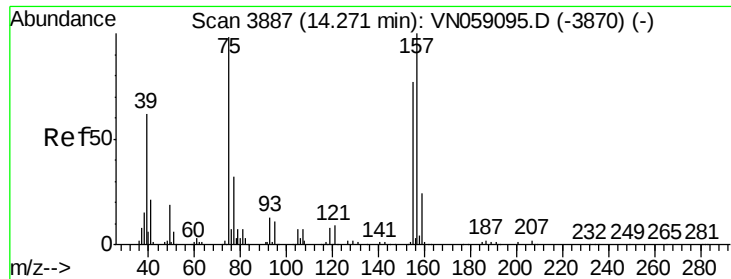


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.242 ug/l

RT: 14.26 min Scan# 3882

Delta R.T. -0.02 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-318B-SRI4

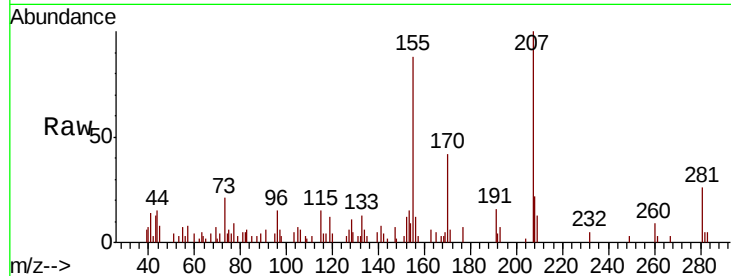
Tot Ion: 75 Resp: 275

Ion Ratio Lower Upper

75 100

155 10169.1 40.2 120.6#

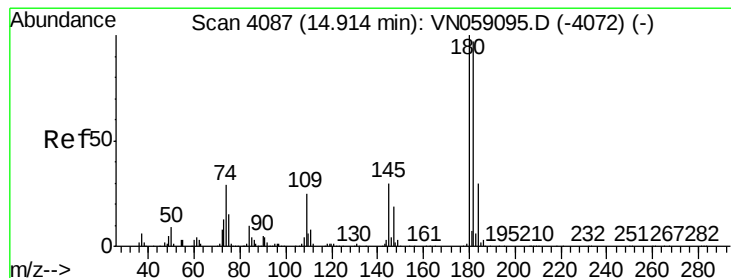
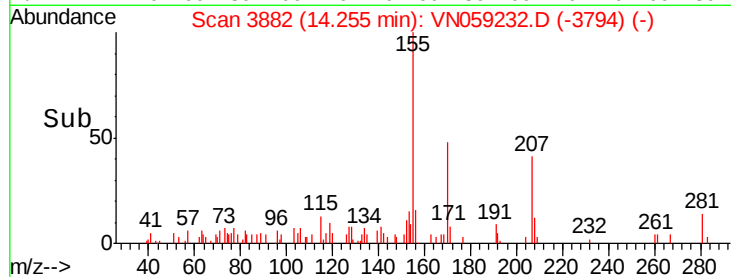
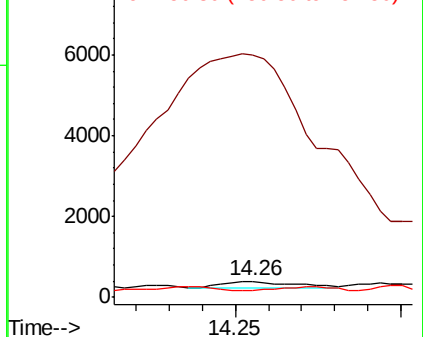
157 32.0 51.8 155.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 3.237 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

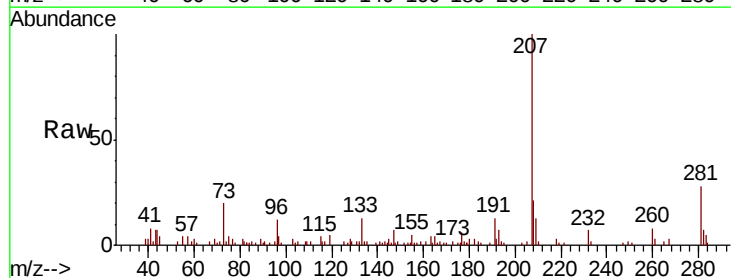
Tgt Ion:180 Resp: 981

Ion Ratio Lower Upper

180 100

182 120.4 48.1 144.3

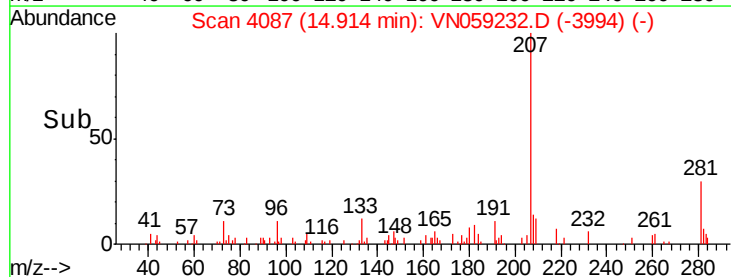
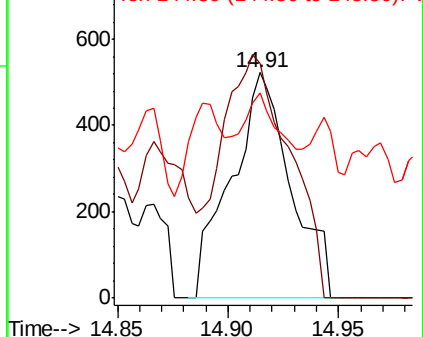
145 25.5 15.1 45.3

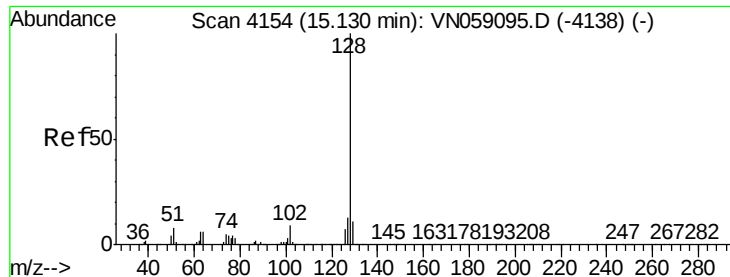


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.343 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-318B-SRI4

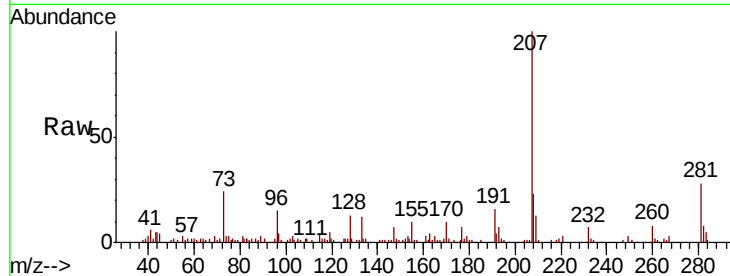
Tot Ion:128 Resp: 4258

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

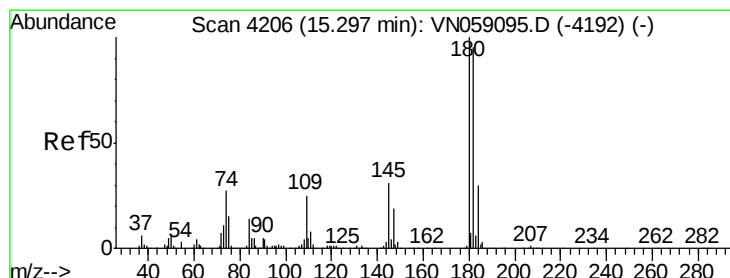
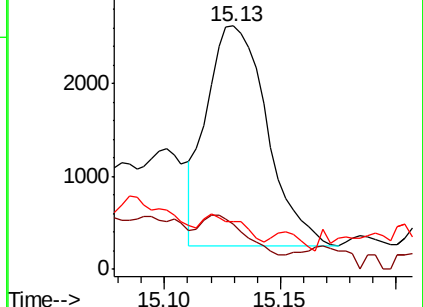
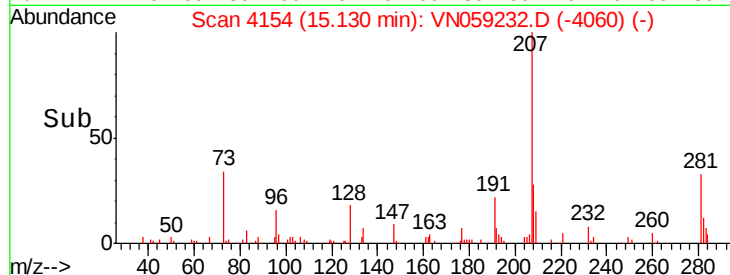
129 7.5 8.6 12.8#



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: 0.321 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN059232.D

Acq: 14 Nov 2019 14:38

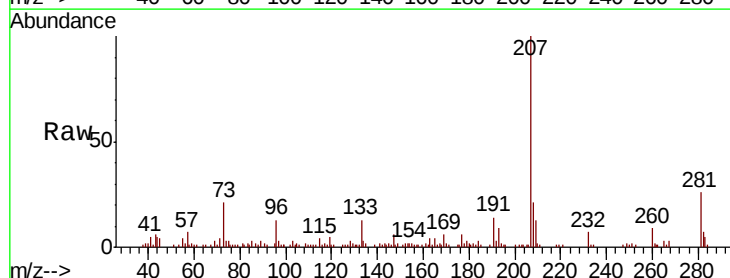
Tgt Ion:180 Resp: 1430

Ion Ratio Lower Upper

180 100

182 81.3 47.3 141.8

145 28.6 15.8 47.3



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

