

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063347.D
 Acq On : 14 Sep 2020 16:55
 Operator : JC/MD
 Sample : L3981-08MEDL 10X
 Misc : 7.33q/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B19-4-6MEDL

Quant Time: Sep 15 05:12:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	393495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	722041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	699091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	301534	50.00	ug/l	0.00

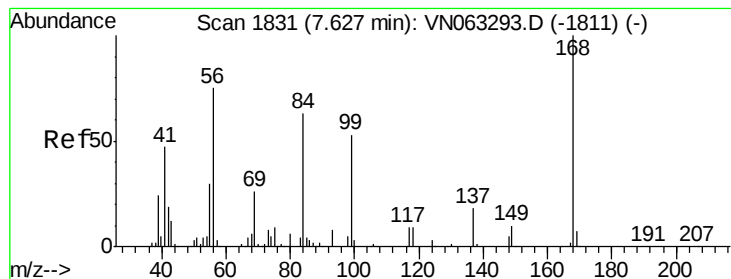
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	297237	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	7.55	113	227343	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.06	98	923394	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.38	95	357187	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	

Target Compounds

					Qvalue	
3) Chloromethane	2.04	50	1914	Below Cal		97
5) Bromomethane	2.53	94	1346	0.361 ug/l		98
11) Tert butyl alcohol	4.71	59	241	0.295 ug/l #		72
13) Acrolein	3.60	56	418	33.274 ug/l #		65
15) Acrylonitrile	4.94	53	532	0.238 ug/l #		52
16) Acetone	3.78	43	1799	0.843 ug/l		95
17) Carbon Disulfide	4.01	76	2662	Below Cal #		75
18) Methyl Acetate	4.29	43	27094	5.049 ug/l		99
20) Methylene Chloride	4.51	84	2471	Below Cal #		73
25) 2-Butanone	6.78	43	802	0.254 ug/l #		51
27) cis-1,2-Dichloroethene	6.78	96	4774	0.849 ug/l		89
29) Tetrahydrofuran	7.16	42	468	0.228 ug/l #		42
31) Cyclohexane	7.63	56	11626	1.341 ug/l #		18
36) 1,1-Dichloropropene	7.62	75	35471	4.779 ug/l #		49
38) Carbon Tetrachloride	7.63	117	44138	6.043 ug/l #		16
41) Methacrylonitrile	7.15	41	772	0.234 ug/l #		100
44) Trichloroethene	8.80	130	5585	1.007 ug/l		90
49) 1,4-Dioxane	9.17	88	207	2.266 ug/l #		1
60) Dibromochloromethane	10.60	129	173443	31.144 ug/l #		10
64) Tetrachloroethene	10.60	164	178291	31.132 ug/l		97
76) 1,2,3-Trichloropropane	12.38	75	188730	28.371 ug/l #		100
80) 1,3,5-Trimethylbenzene	12.71	105	4247	0.210 ug/l		89
81) trans-1,4-Dichloro-2-buten	12.38	75	188730	76.227 ug/l #		9
84) 1,2,4-Trimethylbenzene	13.02	105	4920	0.242 ug/l		99
88) 1,4-Dichlorobenzene	13.34	146	1512	Below Cal #		57
93) 1,2,4-Trichlorobenzene	14.88	180	1517	0.257 ug/l #		91
94) Hexachlorobutadiene	14.98	225	835	Below Cal		92
95) Naphthalene	15.11	128	151367	8.073 ug/l		98
96) 1,2,3-Trichlorobenzene	15.28	180	1566	Below Cal		87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

Instrument :

MSVOA_N

ClientSampleId :

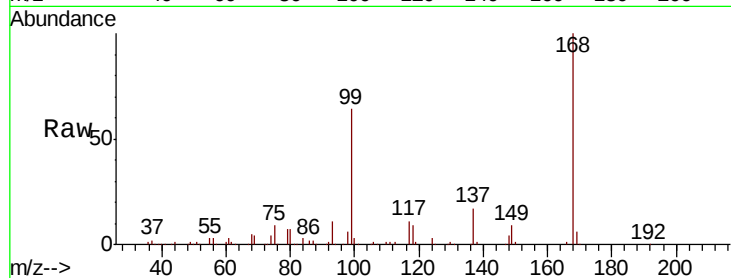
B19-4-6MEDL

Tot Ion:168 Resp: 393495

Ion Ratio Lower Upper

168 100

99 63.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

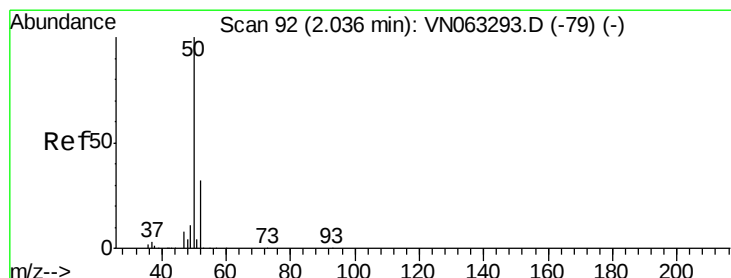
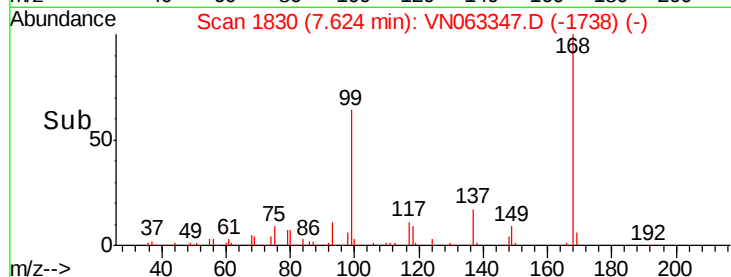
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063347.D

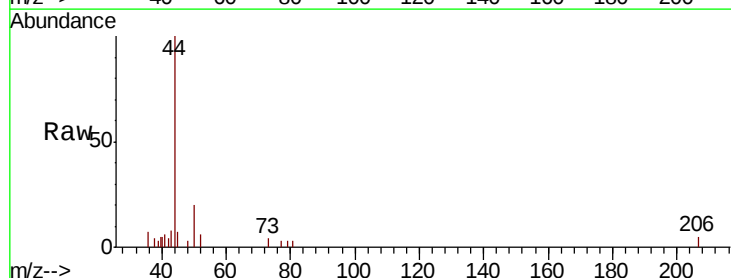
Acq: 14 Sep 2020 16:55

Tgt Ion: 50 Resp: 1914

Ion Ratio Lower Upper

50 100

52 30.3 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

1200

1000

800

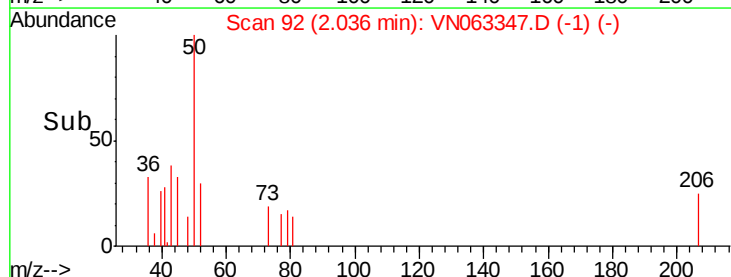
600

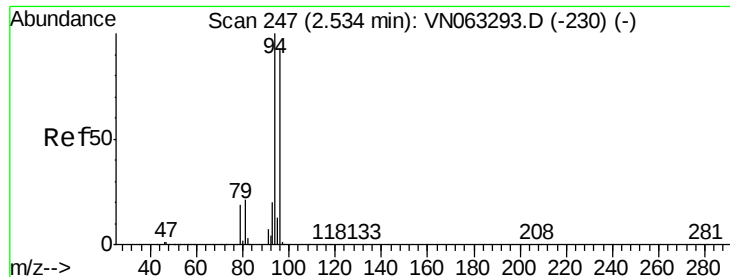
400

200

0

Time--> 2.00 2.05 2.10





#5

Bromomethane

Concen: 0.361 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

Instrument :

MSVOA_N

ClientSampled :

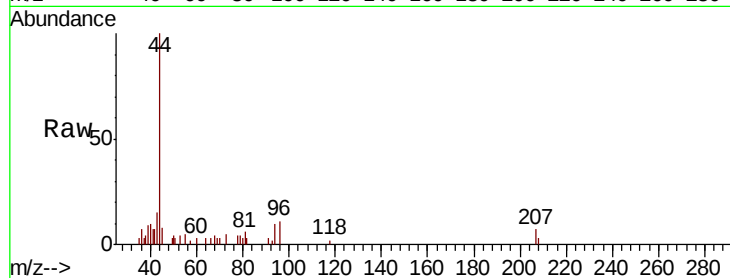
B19-4-6MEDL

Tot Ion: 94 Resp: 1346

Ion Ratio Lower Upper

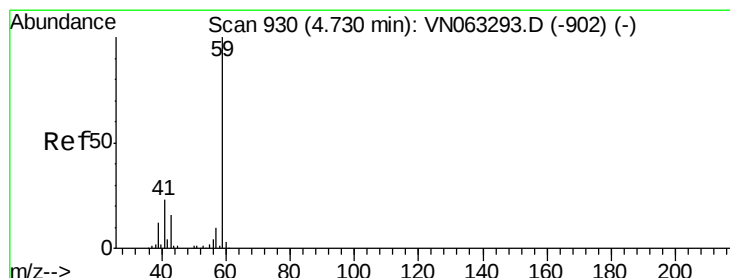
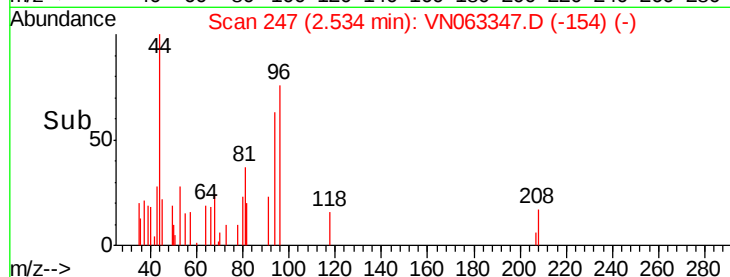
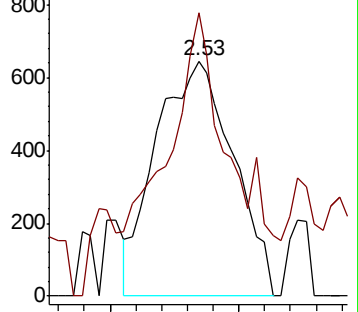
94 100

96 94.4 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 0.295 ug/l

RT: 4.71 min Scan# 924

Delta R.T. -0.02 min

Lab File: VN063347.D

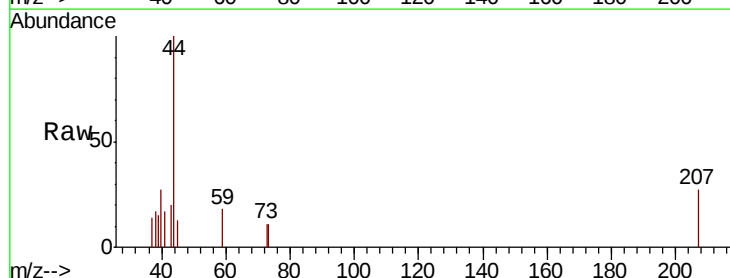
Acq: 14 Sep 2020 16:55

Tgt Ion: 59 Resp: 241

Ion Ratio Lower Upper

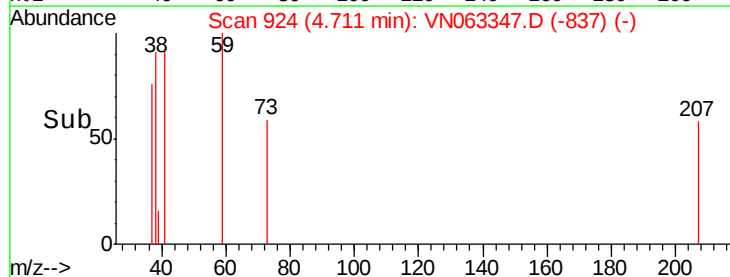
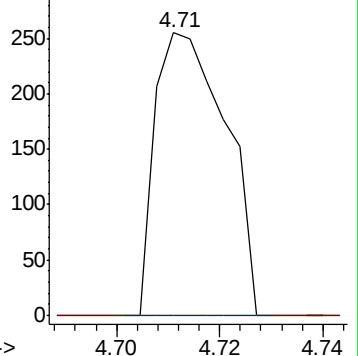
59 100

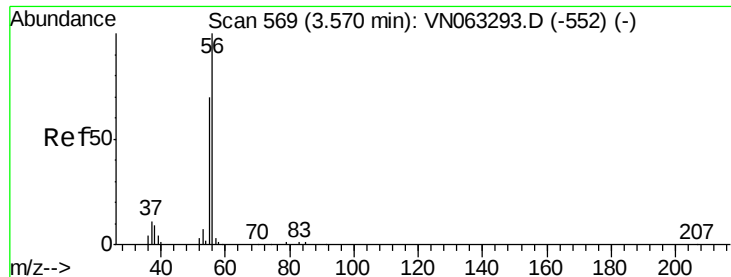
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 33.274 ug/l

RT: 3.60 min Scan# 577

Delta R.T. 0.03 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

Instrument :

MSVOA_N

ClientSampleId :

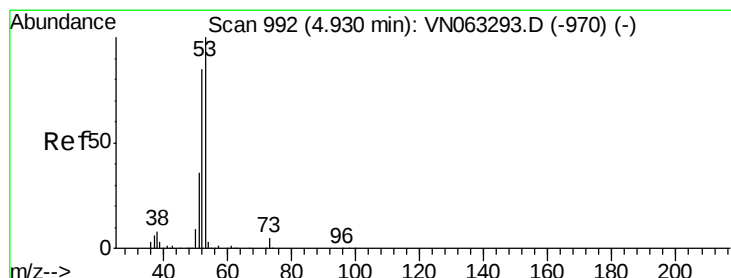
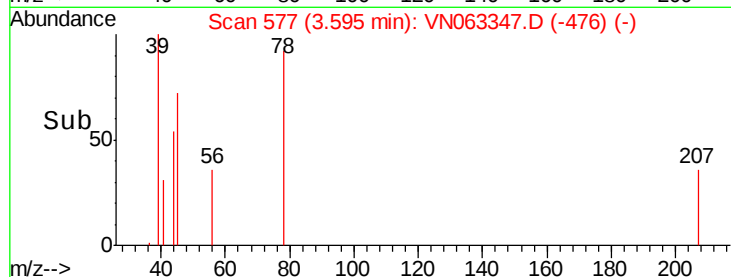
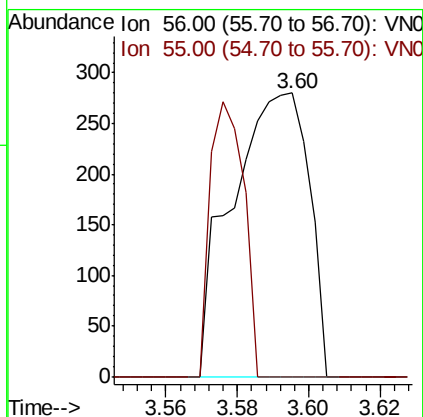
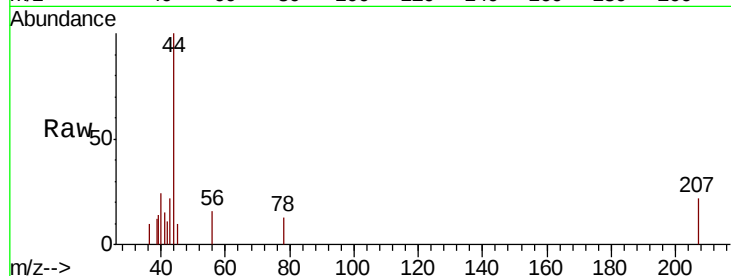
B19-4-6MEDL

Tot Ion: 56 Resp: 418

Ion Ratio Lower Upper

56 100

55 42.3 57.2 85.8#



#15

Acrylonitrile

Concen: 0.238 ug/l

RT: 4.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

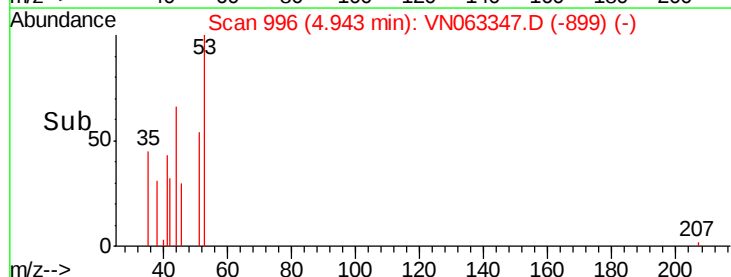
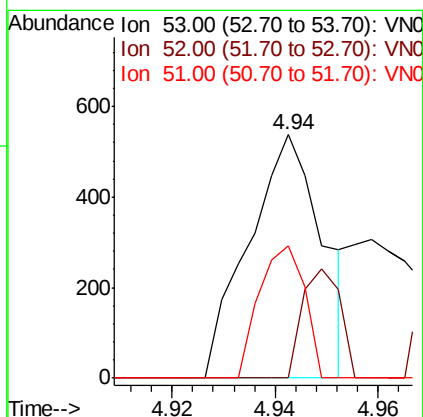
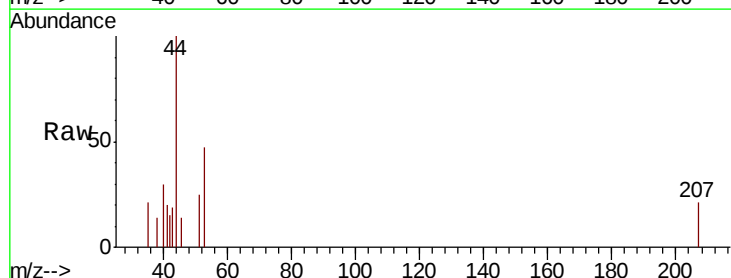
Tgt Ion: 53 Resp: 532

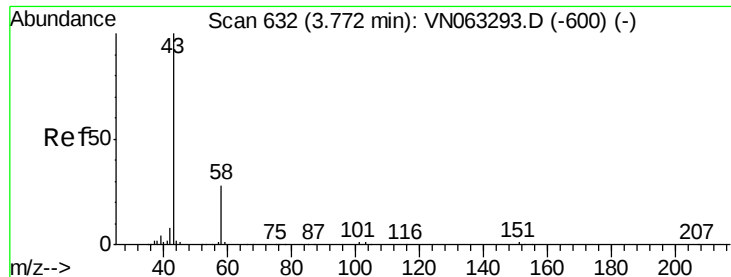
Ion Ratio Lower Upper

53 100

52 22.9 66.5 99.7#

51 33.5 29.8 44.6





#16

Acetone

Concen: 0.843 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

Instrument :

MSVOA_N

ClientSampled :

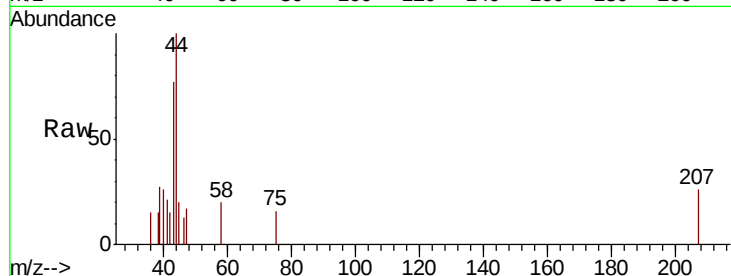
B19-4-6MEDL

Tot Ion: 43 Resp: 1799

Ion Ratio Lower Upper

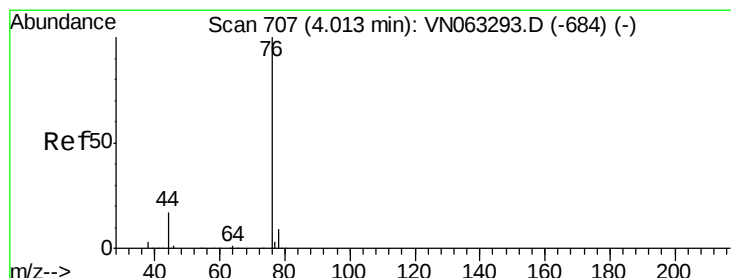
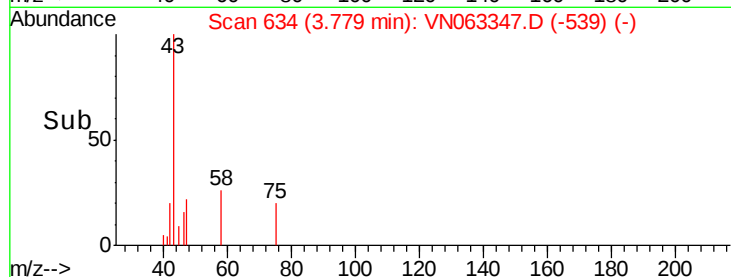
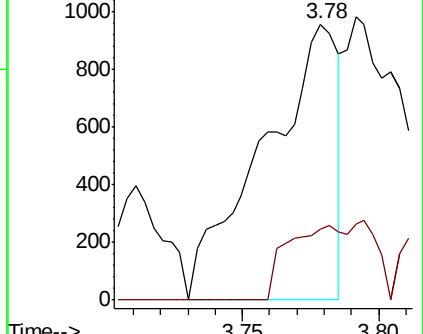
43 100

58 25.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063347.D

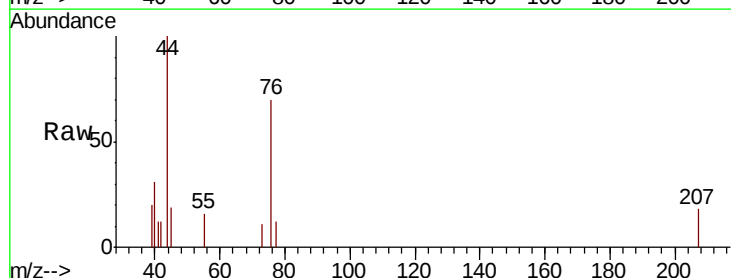
Acq: 14 Sep 2020 16:55

Tgt Ion: 76 Resp: 2662

Ion Ratio Lower Upper

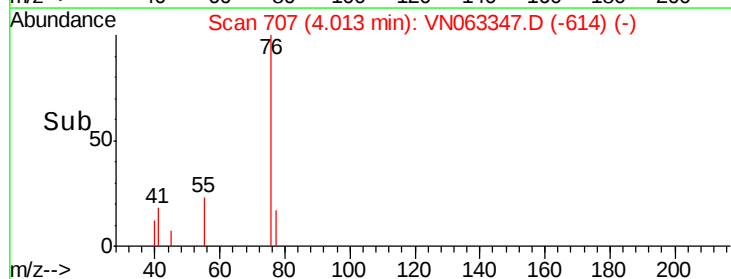
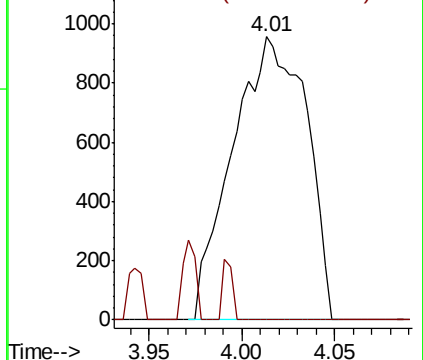
76 100

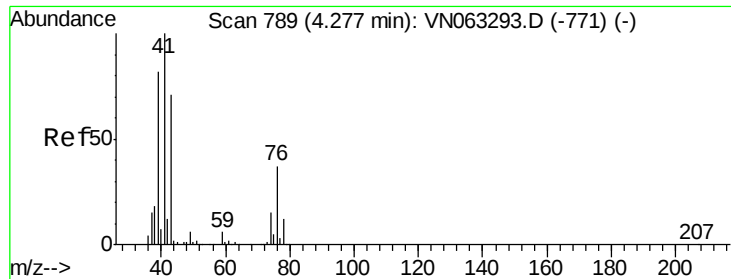
78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

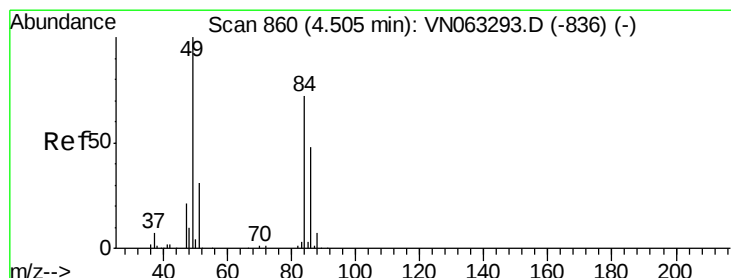
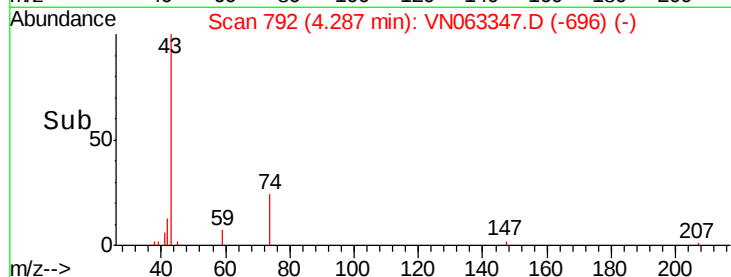
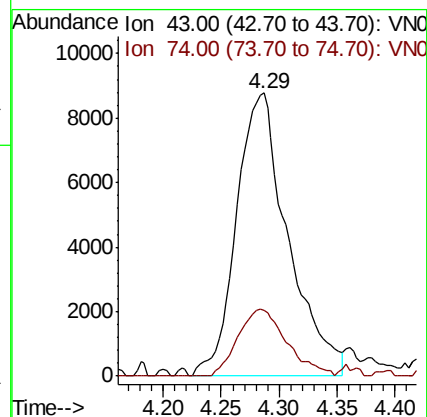
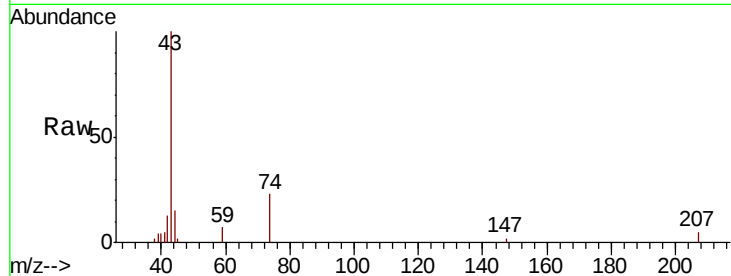




#18
Methyl Acetate
Concen: 5.049 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN063347.D
Acq: 14 Sep 2020 16:55

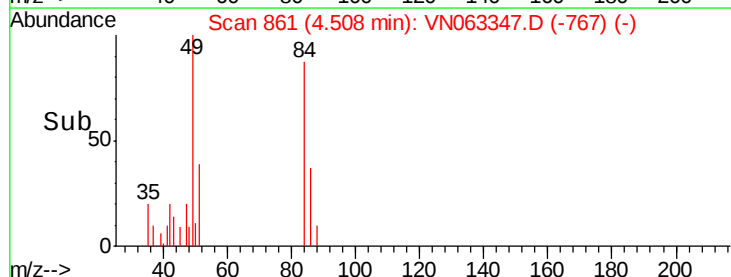
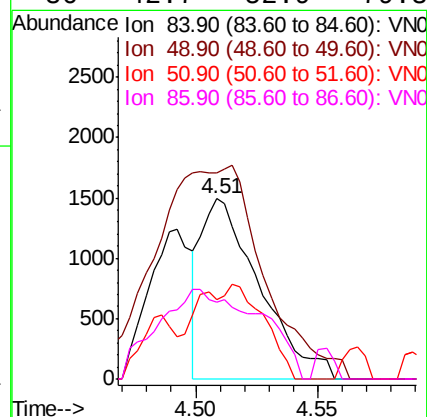
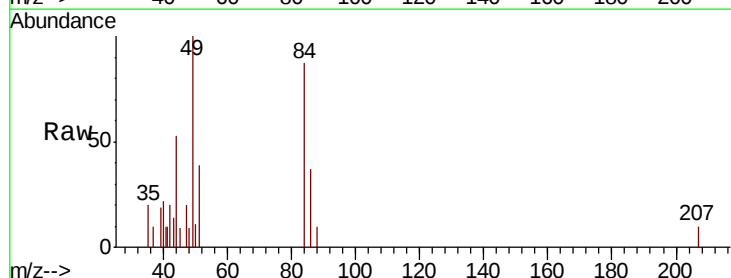
Instrument :
MSVOA_N
ClientSampleId :
B19-4-6MEDL

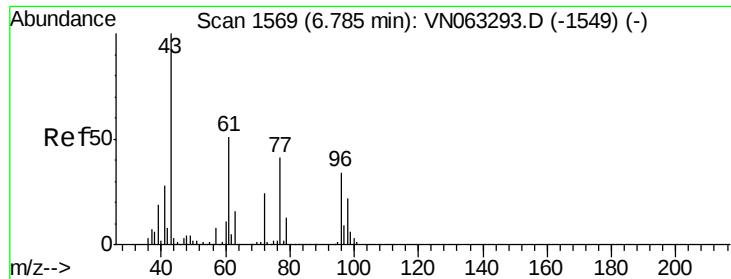
Tot Ion: 43 Resp: 27094
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063347.D
Acq: 14 Sep 2020 16:55

Tgt Ion: 84 Resp: 2471
Ion Ratio Lower Upper
84 100
49 103.7 111.1 166.7#
51 33.4 34.3 51.5#
86 42.7 52.9 79.3#

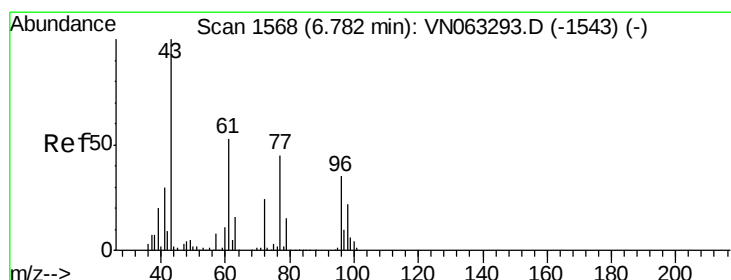
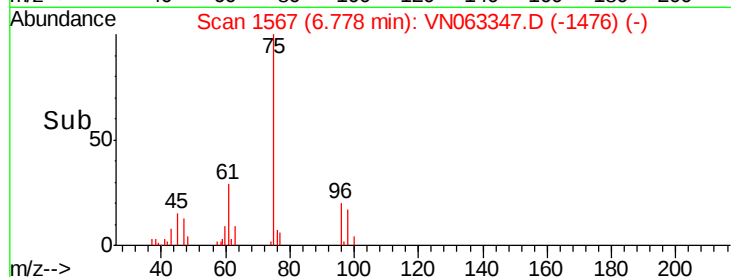
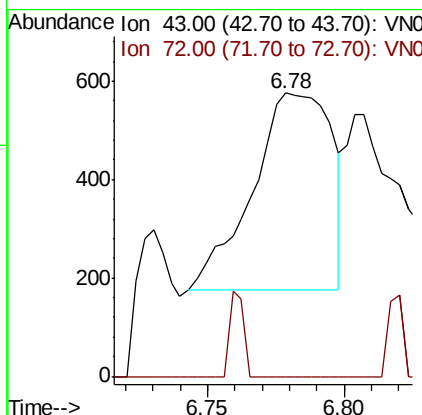
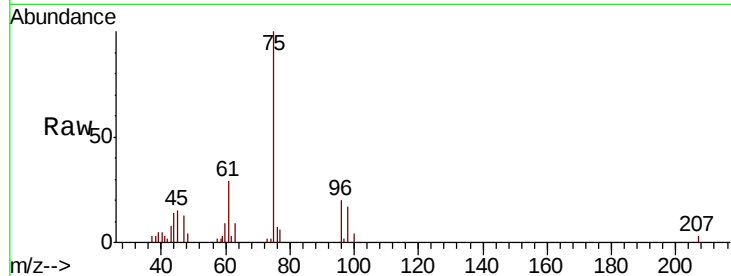




#25
2-Butanone
Concen: 0.254 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VN063347.D
Acq: 14 Sep 2020 16:55

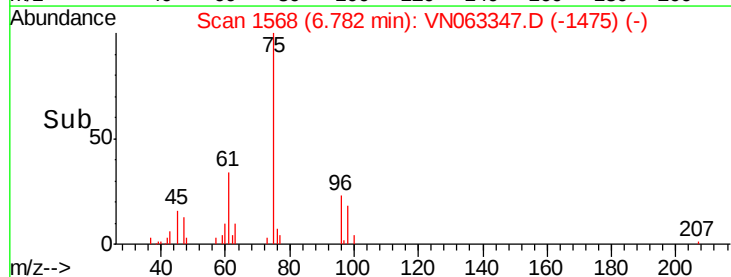
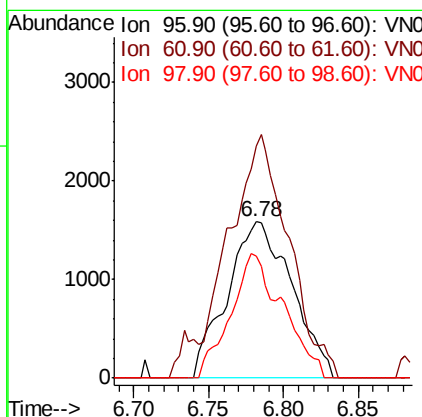
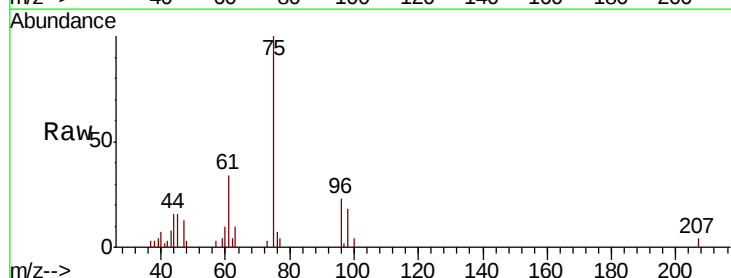
Instrument :
MSVOA_N
ClientSampled :
B19-4-6MEDL

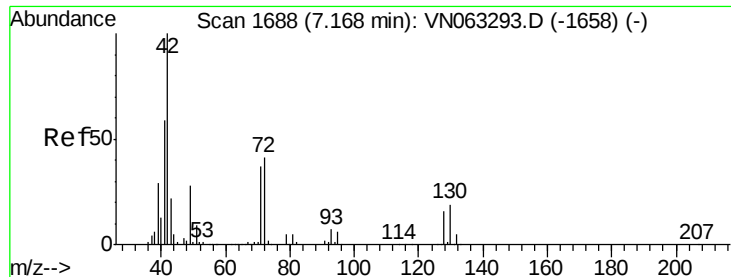
Tot Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 0.849 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063347.D
Acq: 14 Sep 2020 16:55

Tgt Ion: 96 Resp: 4774
Ion Ratio Lower Upper
96 100
61 141.9 0.0 322.8
98 64.3 0.0 132.2





#29

Tetrahydrofuran

Concen: 0.228 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

Instrument :

MSVOA_N

ClientSampleId :

B19-4-6MEDL

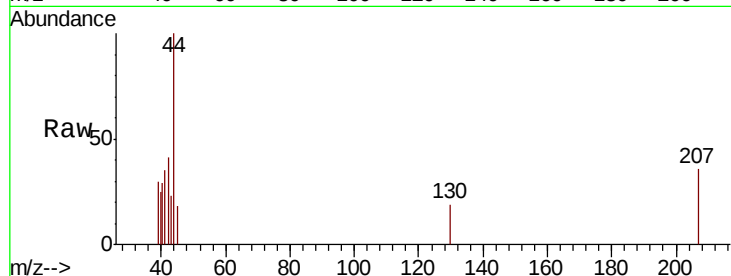
Tot Ion: 42 Resp: 468

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.2#

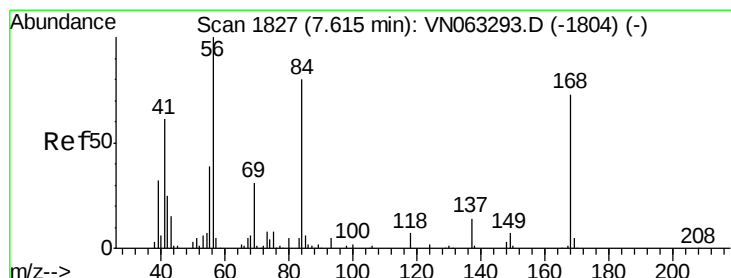
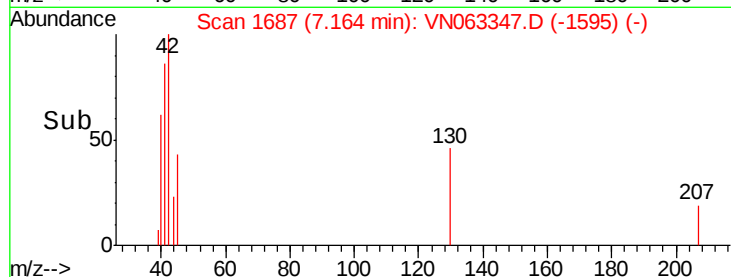
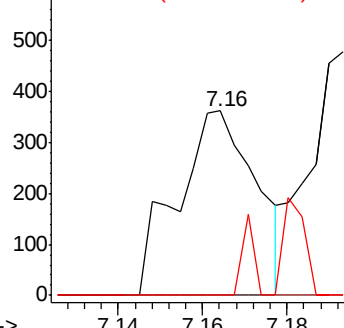
71 6.4 30.0 45.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.341 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

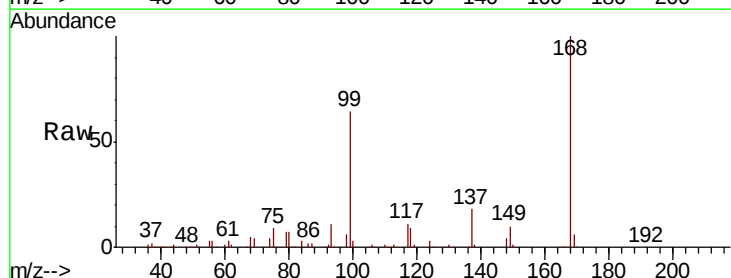
Tgt Ion: 56 Resp: 11626

Ion Ratio Lower Upper

56 100

69 156.5 25.1 37.7#

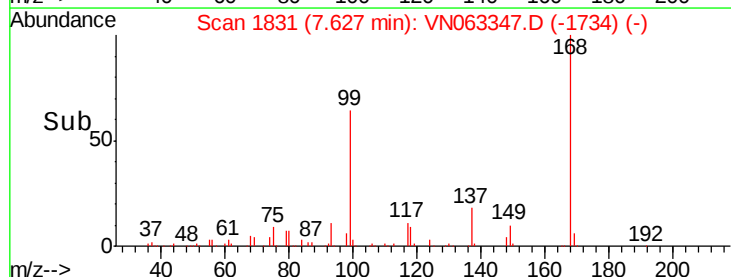
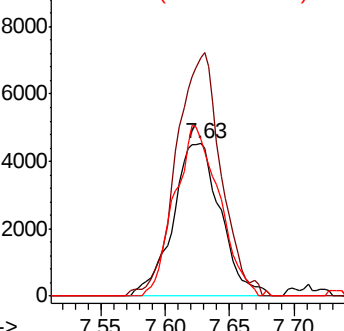
84 103.1 64.2 96.2#

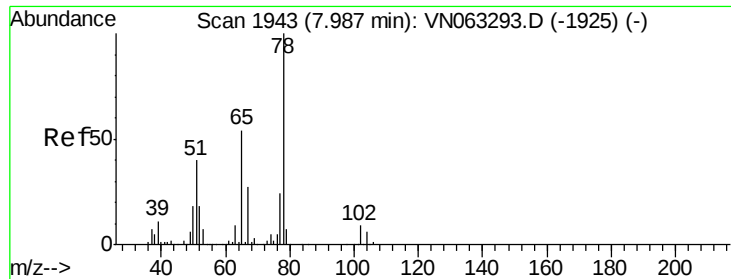


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

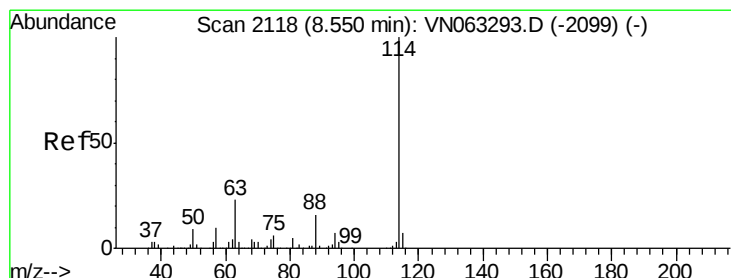
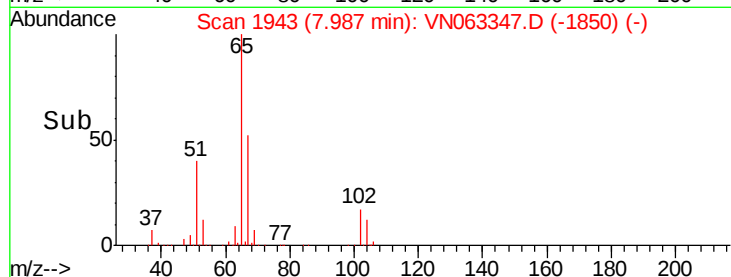
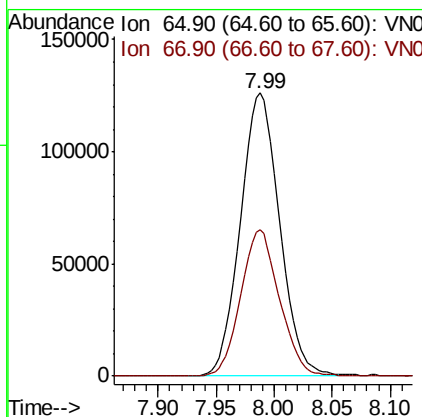
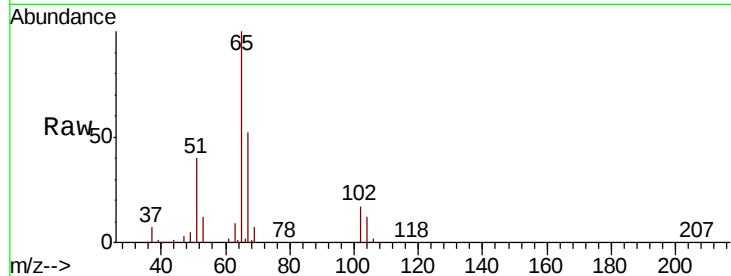




#33
 1,2-Dichloroethane-d4
 Concen: 48.078 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063347.D
 Acq: 14 Sep 2020 16:55

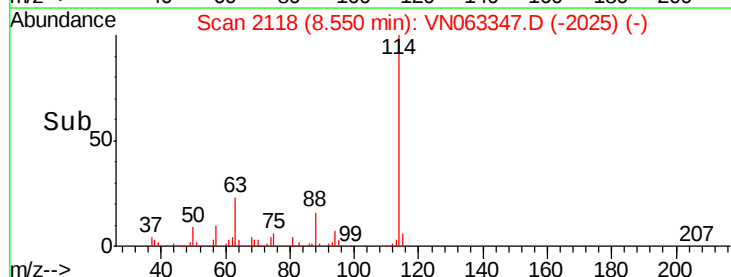
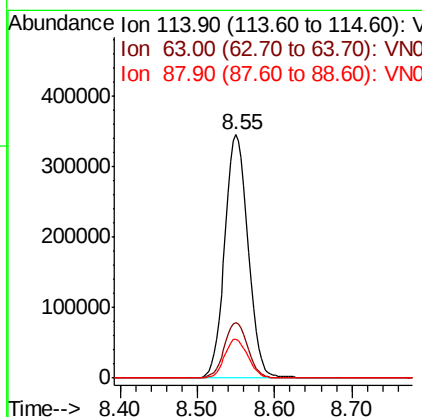
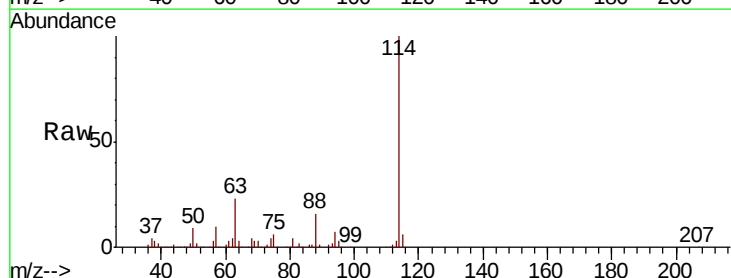
Instrument :
 MSVOA_N
 ClientSampleId :
 B19-4-6MEDL

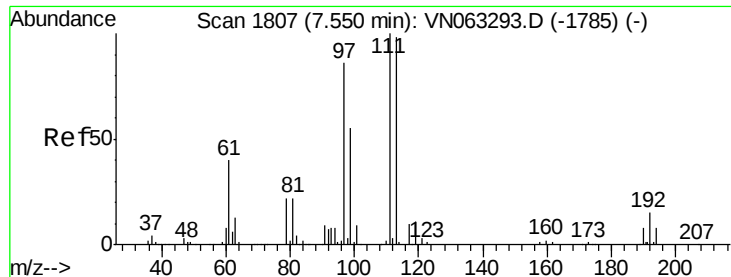
Tot Ion: 65 Resp: 297237
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063347.D
 Acq: 14 Sep 2020 16:55

Tgt Ion: 114 Resp: 722041
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.0
 88 16.0 0.0 32.8

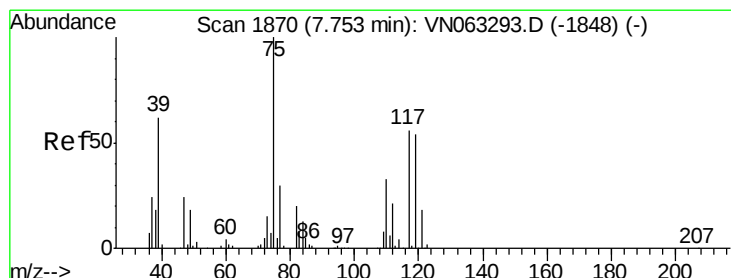
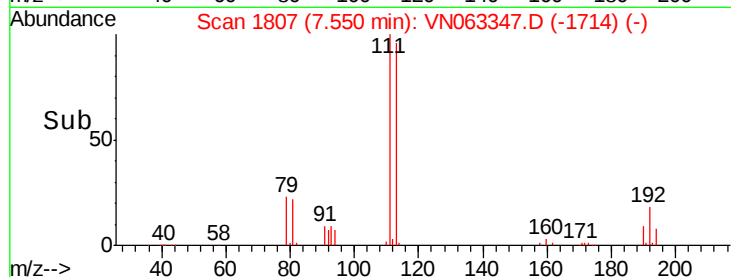
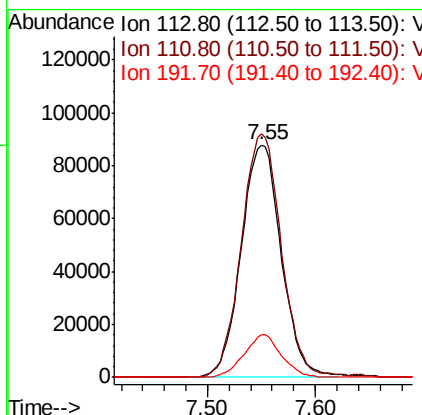
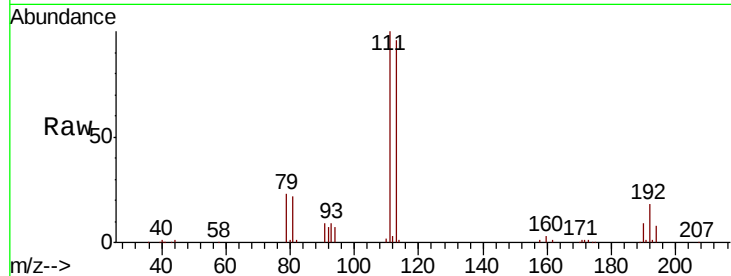




#35
 Dibromofluoromethane
 Concen: 48.806 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063347.D
 Acq: 14 Sep 2020 16:55

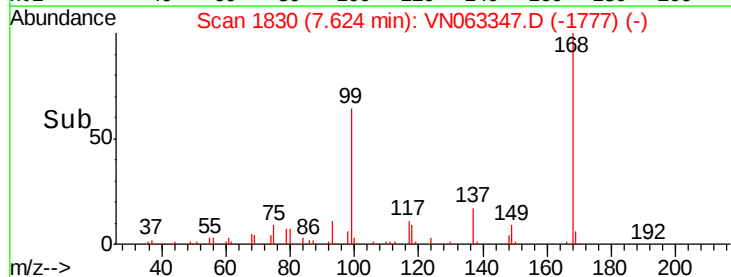
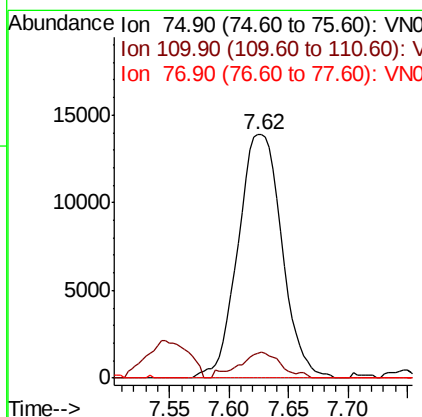
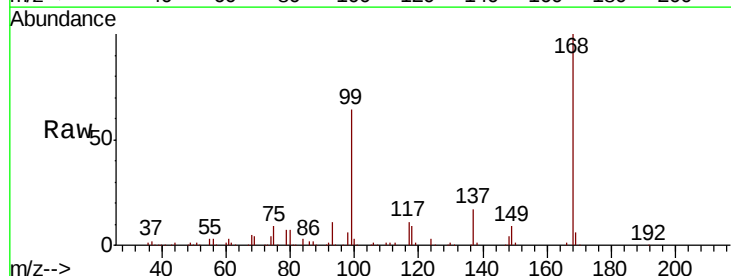
Instrument :
 MSVOA_N
 ClientSampleId :
 B19-4-6MEDL

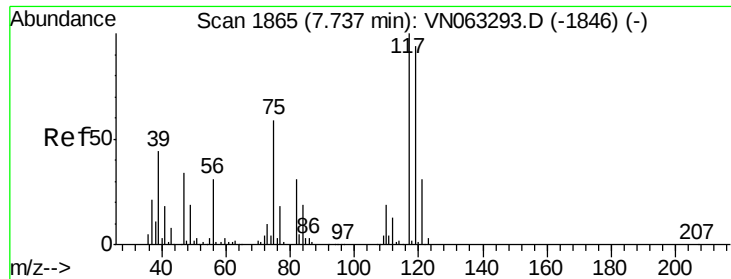
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.2	123.2
192	17.2	12.9	19.3



#36
 1,1-Dichloropropene
 Concen: 4.779 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063347.D
 Acq: 14 Sep 2020 16:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.4	49.4#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.043 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

Instrument :

MSVOA_N

ClientSampleId :

B19-4-6MEDL

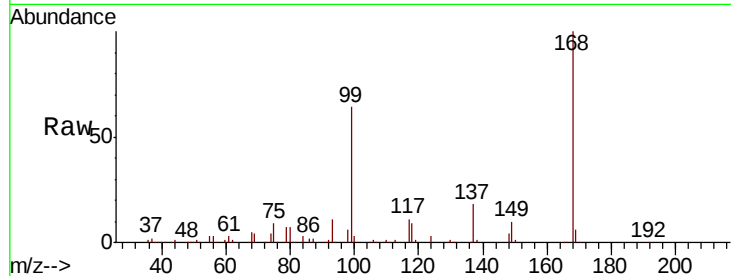
Tot Ion:117 Resp: 44138

Ion Ratio Lower Upper

117 100

119 4.8 75.3 112.9#

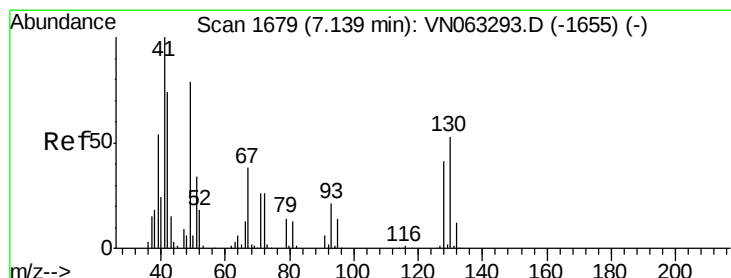
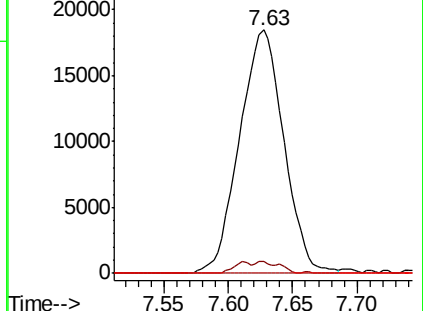
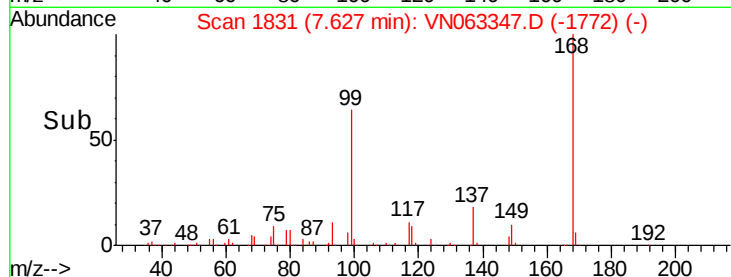
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.234 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.02 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

Tgt Ion: 41 Resp: 772

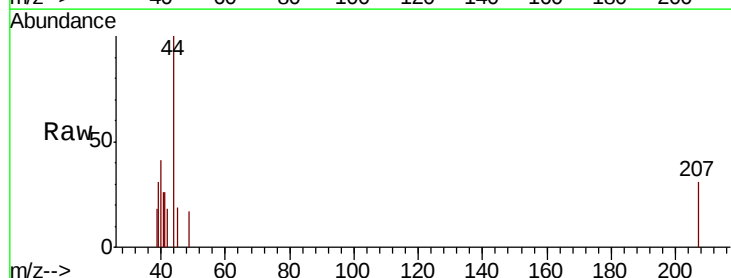
Ion Ratio Lower Upper

41 100

39 52.6 0.0 0.0#

67 0.0 0.0 0.0

52 3.9 0.0 0.0#

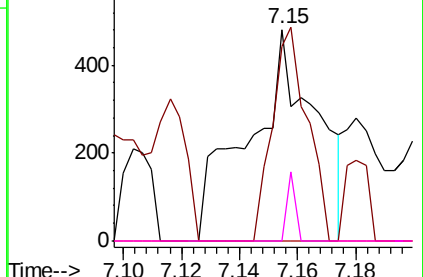
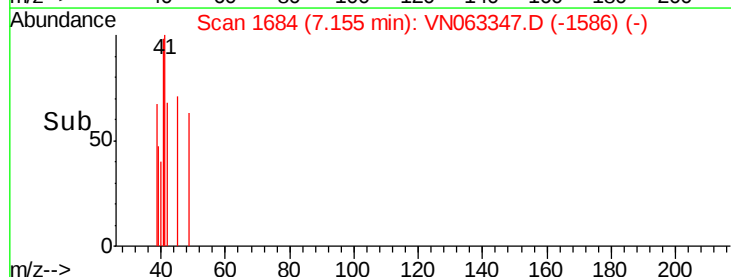


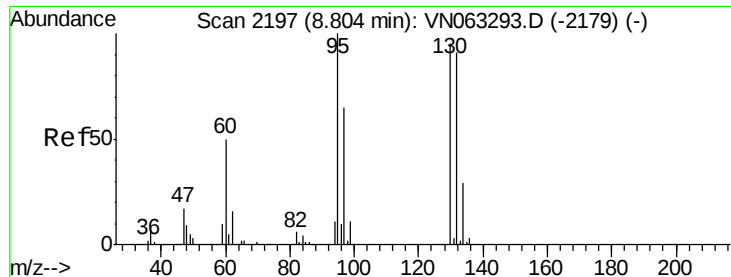
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO

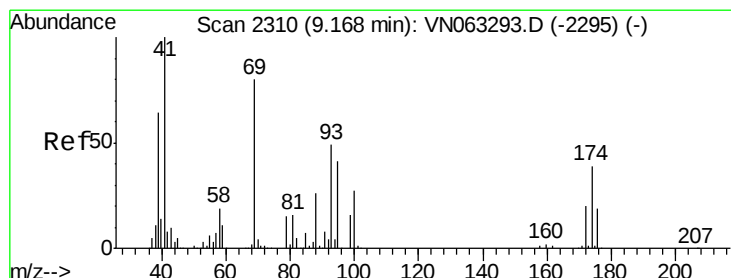
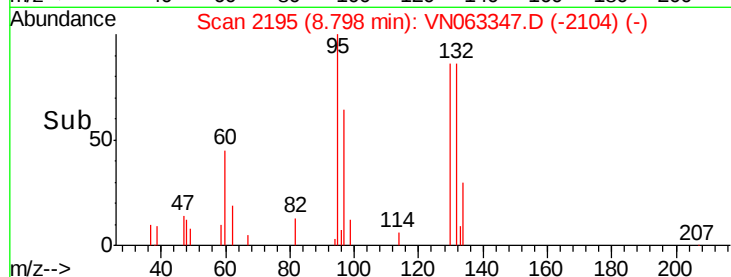
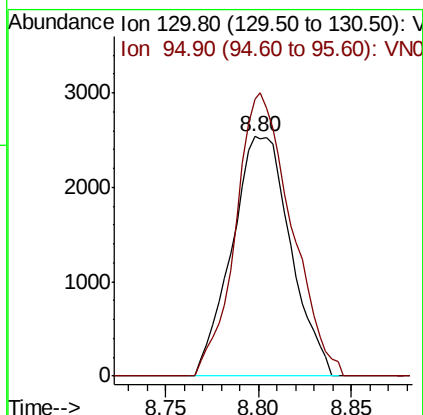
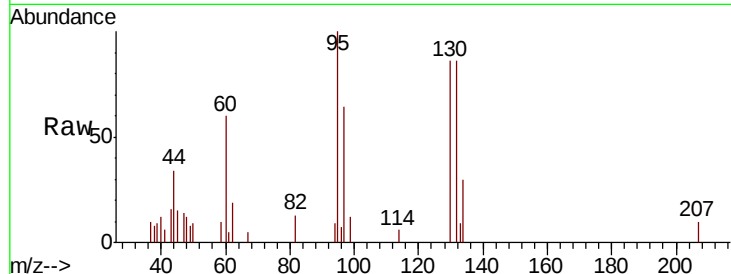




#44
 Trichloroethene
 Concen: 1.007 ug/l
 RT: 8.80 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VN063347.D
 Acq: 14 Sep 2020 16:55

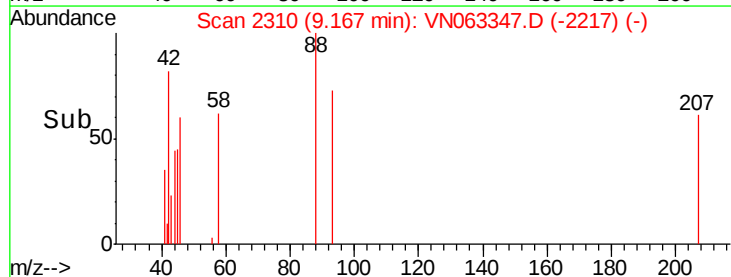
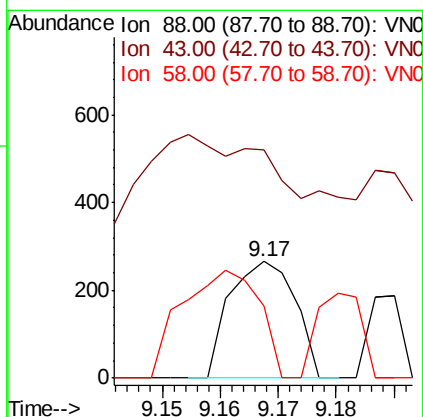
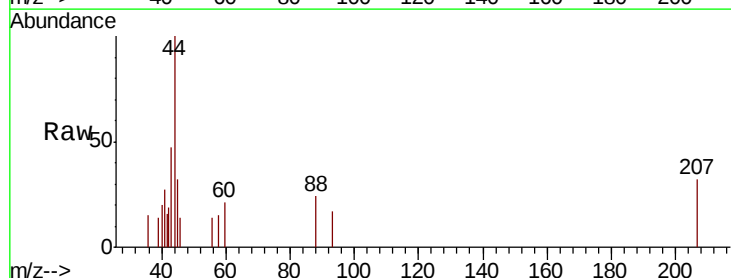
Instrument :
 MSVOA_N
 ClientSampled :
 B19-4-6MEDL

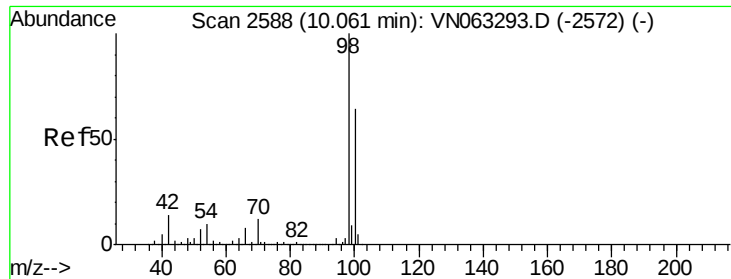
Tot Ion:130 Resp: 5585
 Ion Ratio Lower Upper
 130 100
 95 115.8 0.0 210.8



#49
 1,4-Dioxane
 Concen: 2.266 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063347.D
 Acq: 14 Sep 2020 16:55

Tgt Ion: 88 Resp: 207
 Ion Ratio Lower Upper
 88 100
 43 236.7 30.5 45.7#
 58 109.7 58.9 88.3#

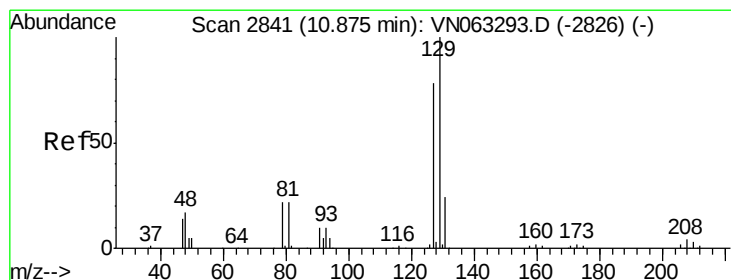
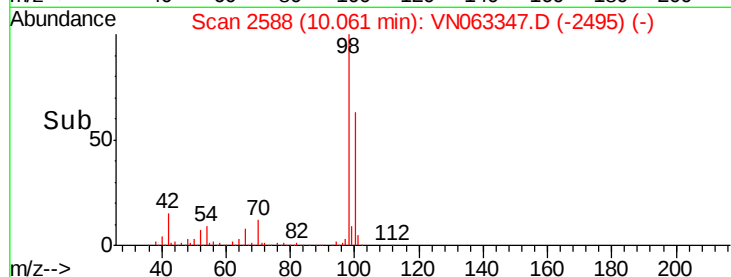
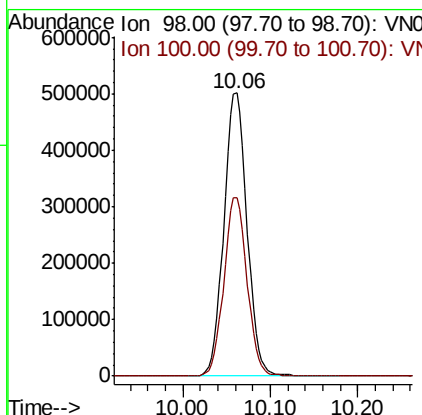
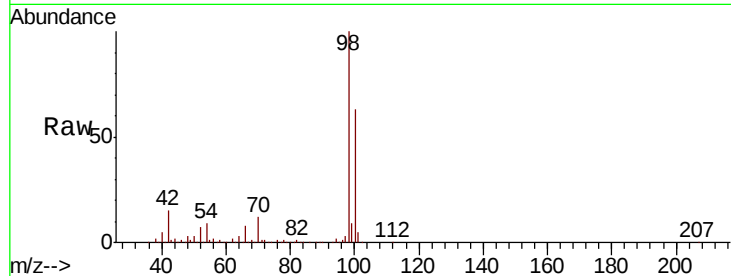




#50
Toluene-d8
Concen: 51.728 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063347.D
Acq: 14 Sep 2020 16:55

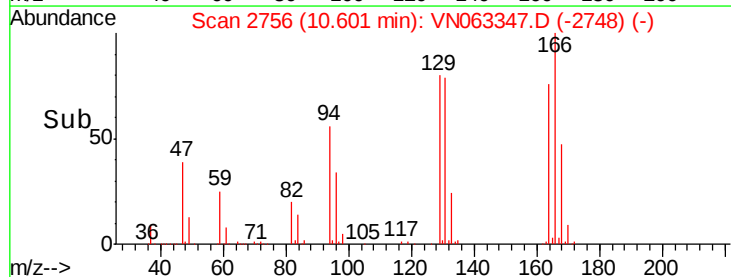
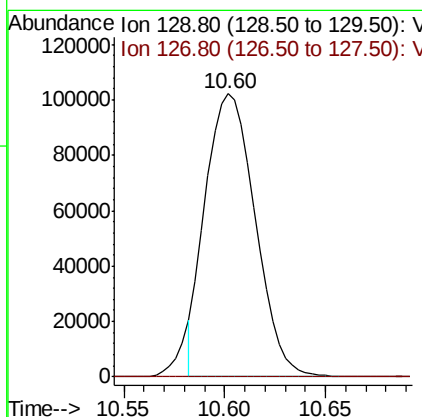
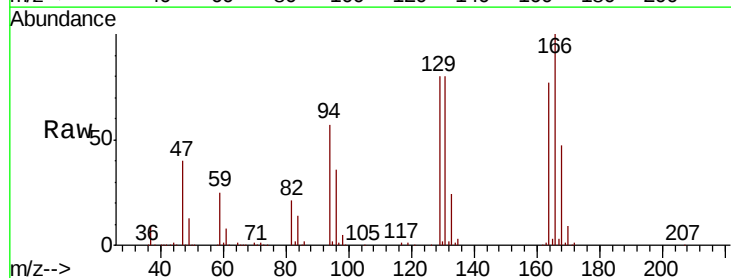
Instrument :
MSVOA_N
ClientSampled :
B19-4-6MEDL

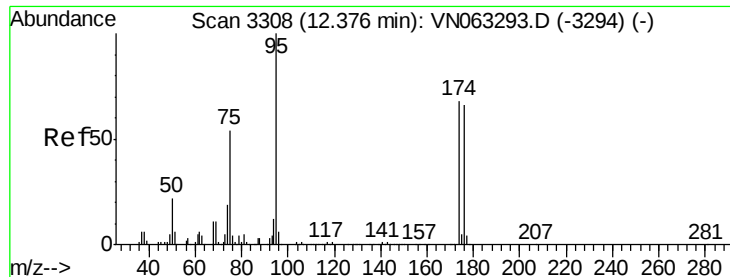
Tot Ion: 98 Resp: 923394
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1



#60
Dibromochloromethane
Concen: 31.144 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.27 min
Lab File: VN063347.D
Acq: 14 Sep 2020 16:55

Tgt Ion: 129 Resp: 173443
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#





#62

4-Bromofluorobenzene

Concen: 54.175 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

Instrument :

MSVOA_N

ClientSampled :

B19-4-6MEDL

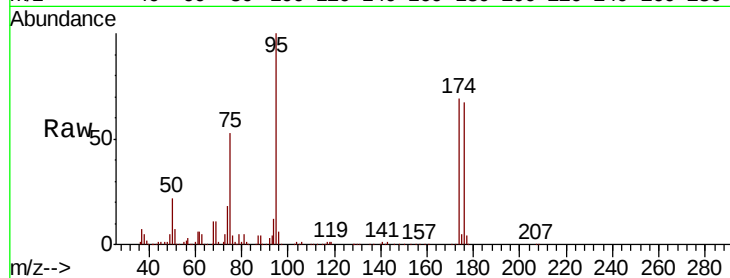
Tot Ion: 95 Resp: 357187

Ion Ratio Lower Upper

95 100

174 69.1 0.0 136.6

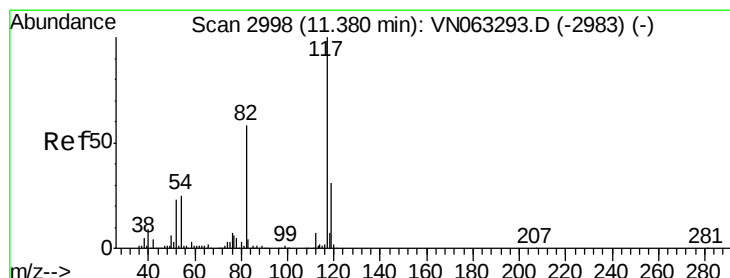
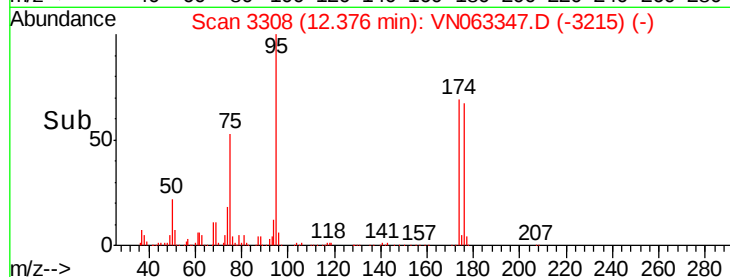
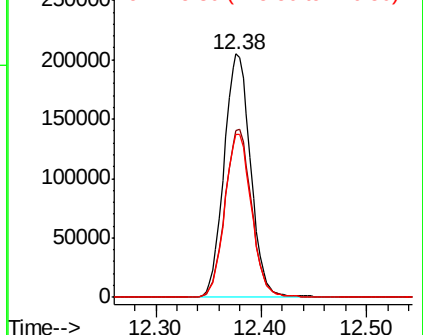
176 67.4 0.0 132.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

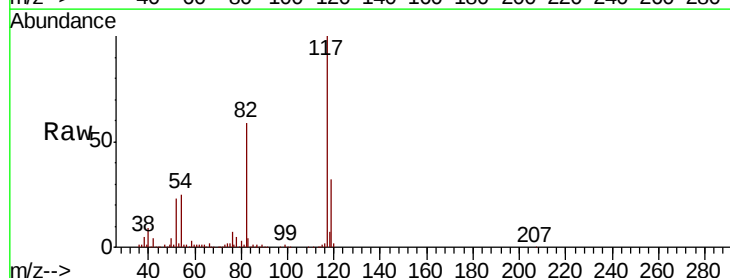
Tgt Ion: 117 Resp: 699091

Ion Ratio Lower Upper

117 100

82 58.9 46.4 69.6

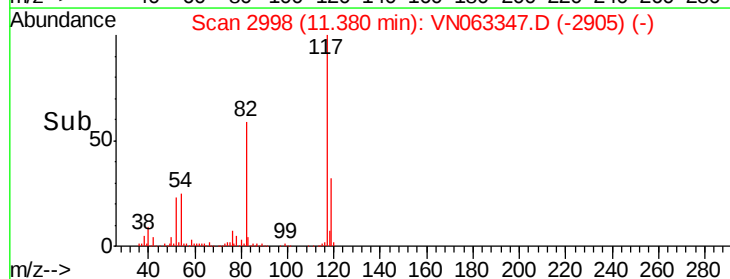
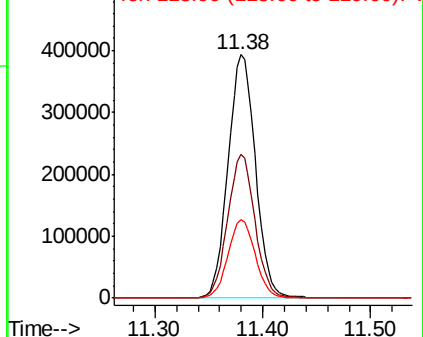
119 32.2 24.8 37.2

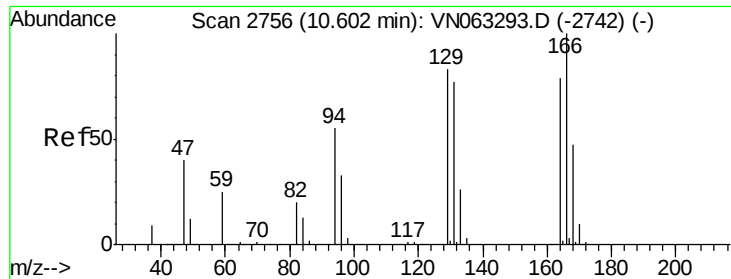


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 31.132 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

Instrument :

MSVOA_N

ClientSampleId :

B19-4-6MEDL

Tot Ion:164 Resp: 178291

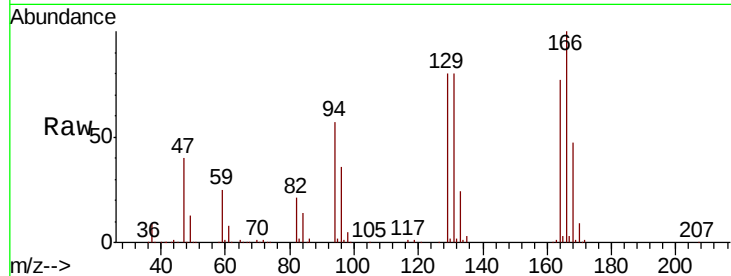
Ion Ratio Lower Upper

164 100

166 129.4 101.3 151.9

129 104.1 83.7 125.5

131 103.4 78.2 117.4

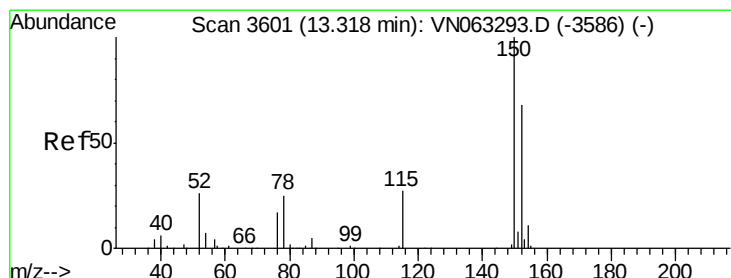
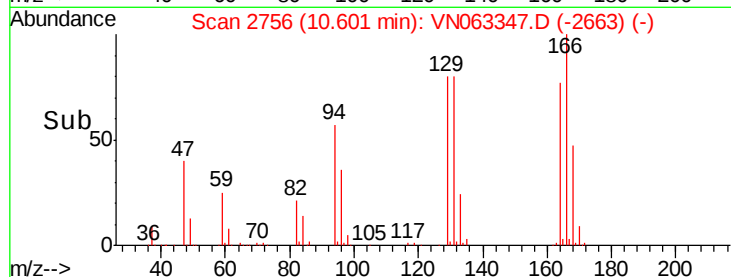
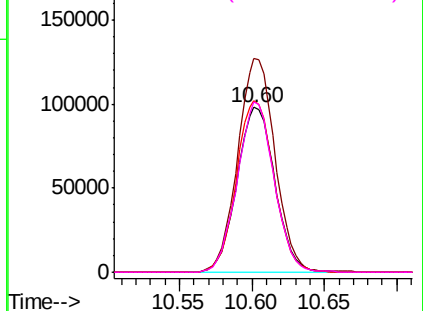


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

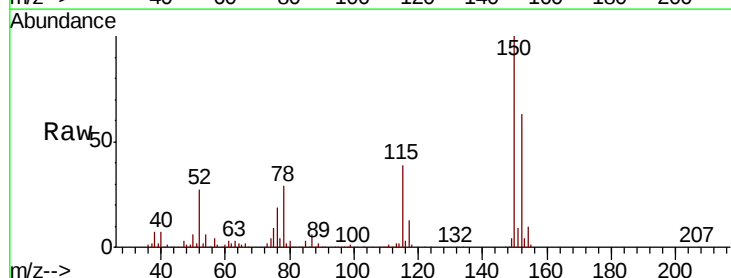
Tgt Ion:152 Resp: 301534

Ion Ratio Lower Upper

152 100

115 62.0 31.5 94.5

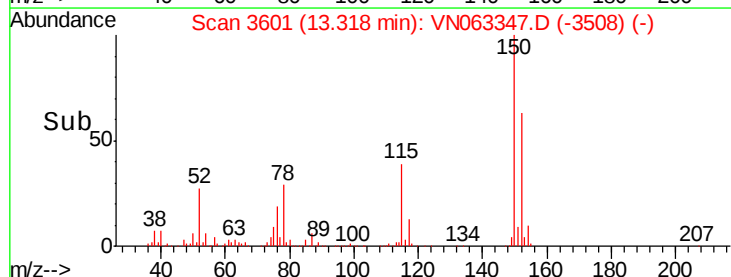
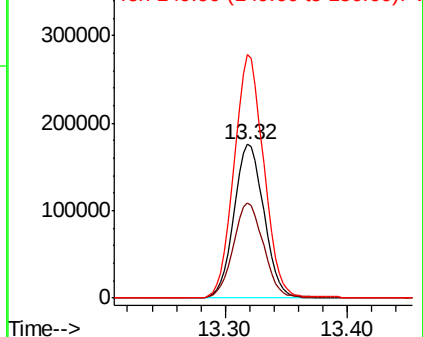
150 155.9 0.0 344.0

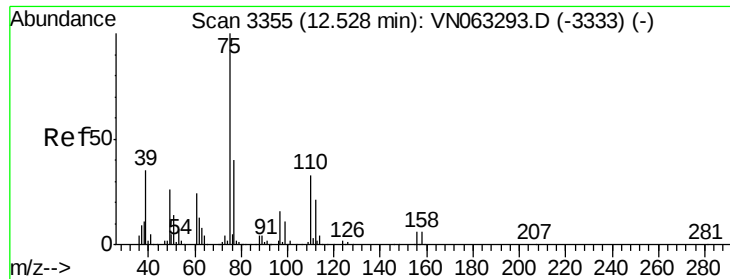


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

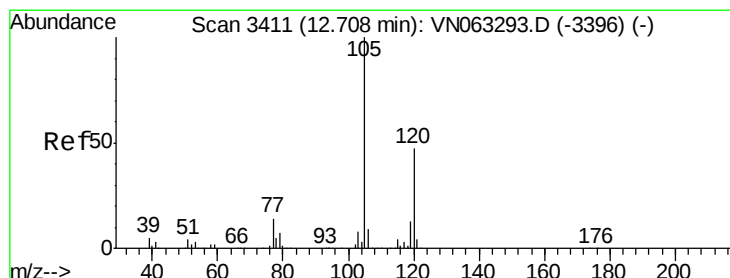
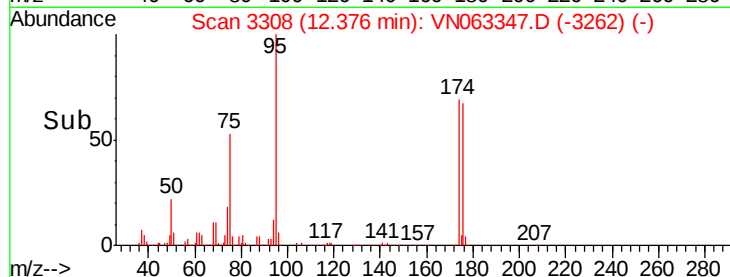
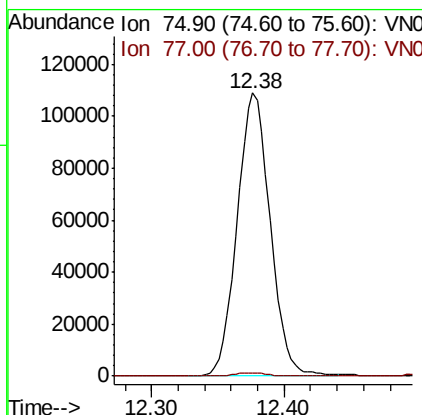
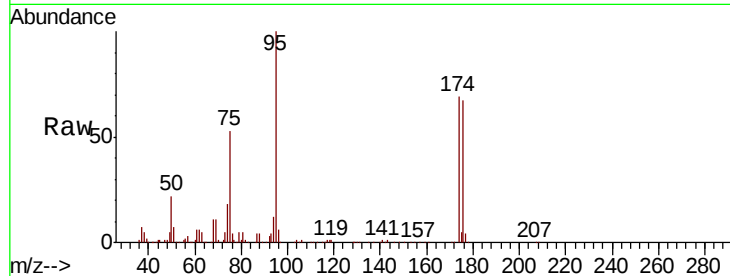




#76
 1,2,3-Trichloropropane
 Concen: 28.371 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.15 min
 Lab File: VN063347.D
 Acq: 14 Sep 2020 16:55

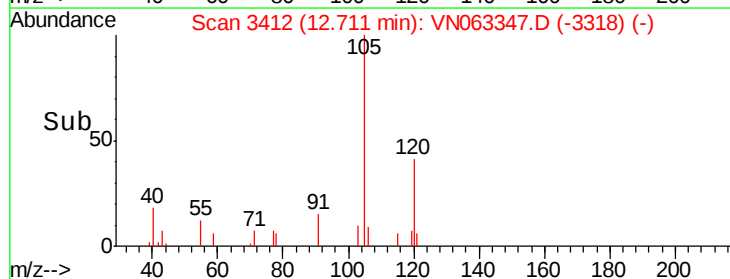
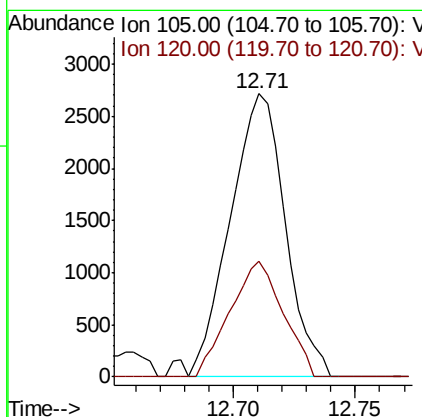
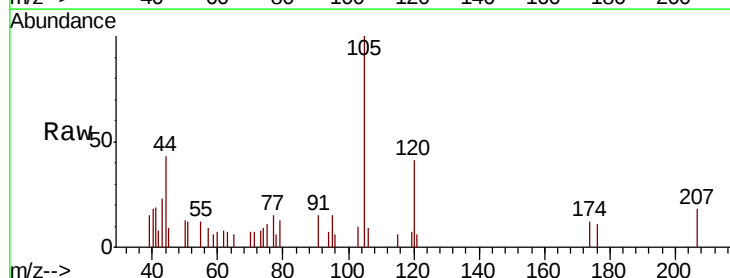
Instrument :
 MSVOA_N
 ClientSampleId :
 B19-4-6MEDL

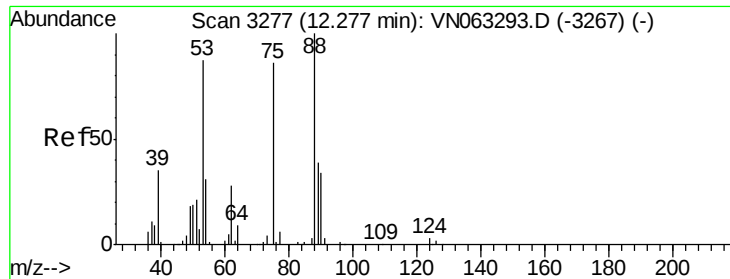
Tot Ion: 75 Resp: 188730
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.210 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063347.D
 Acq: 14 Sep 2020 16:55

Tgt Ion: 105 Resp: 4247
 Ion Ratio Lower Upper
 105 100
 120 39.5 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 76.227 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

Instrument :

MSVOA_N

ClientSampleId :

B19-4-6MEDL

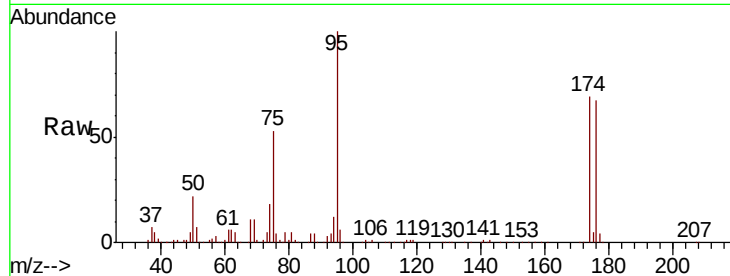
Tot Ion: 75 Resp: 188730

Ion Ratio Lower Upper

75 100

53 0.1 81.8 122.8#

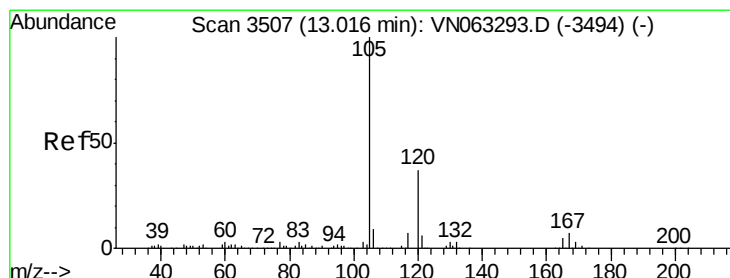
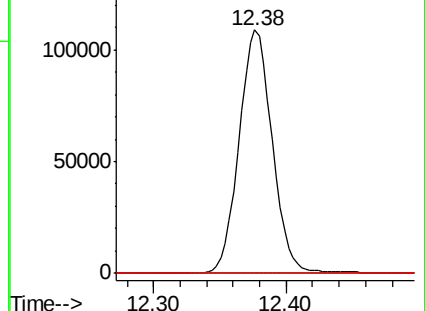
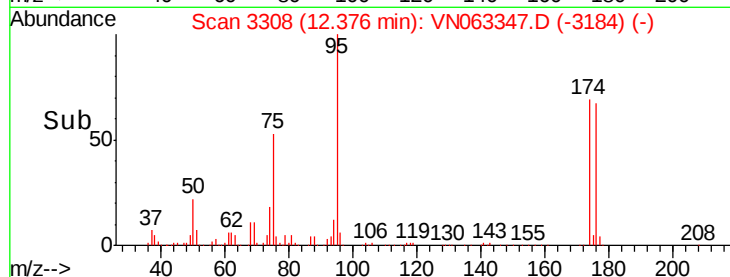
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN063347.D (-3184) (-)

Ion 53.00 (52.70 to 53.70): VN063347.D (-3184) (-)

Ion 88.90 (88.60 to 89.60): VN063347.D (-3184) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.242 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.00 min

Lab File: VN063347.D

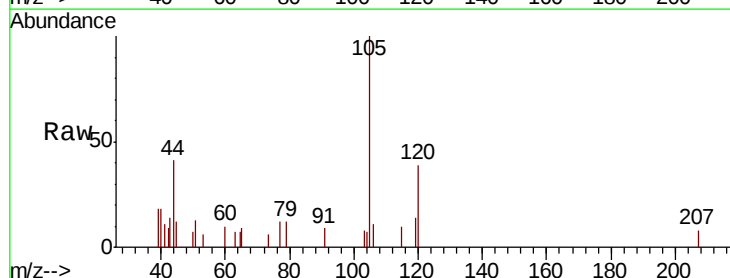
Acq: 14 Sep 2020 16:55

Tgt Ion: 105 Resp: 4920

Ion Ratio Lower Upper

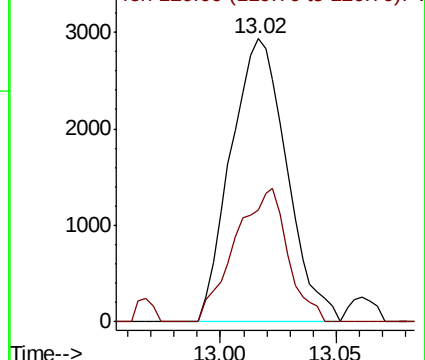
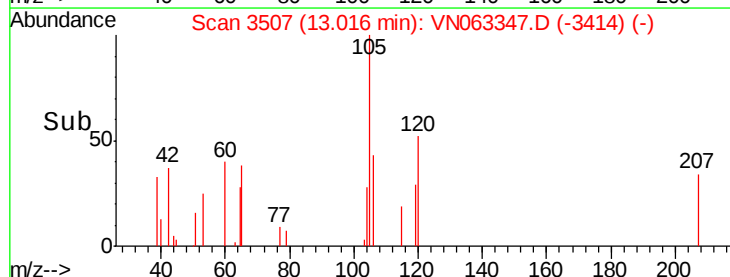
105 100

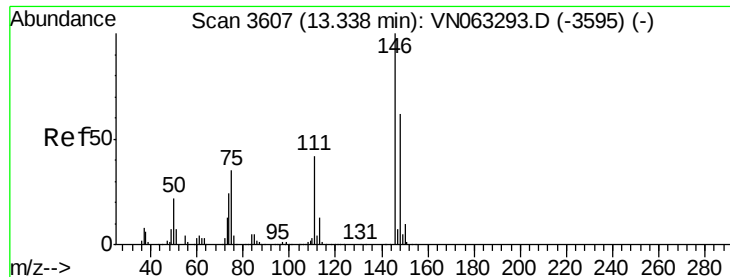
120 44.5 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): VN063347.D (-3414) (-)

Ion 120.00 (119.70 to 120.70): VN063347.D (-3414) (-)

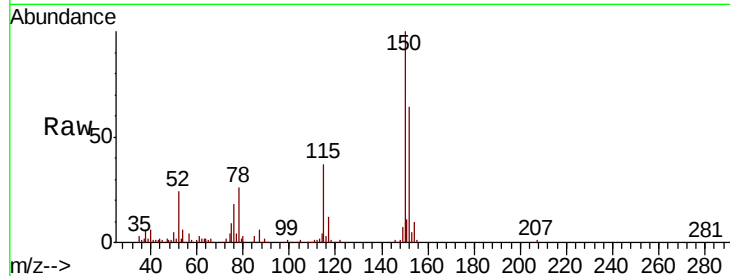




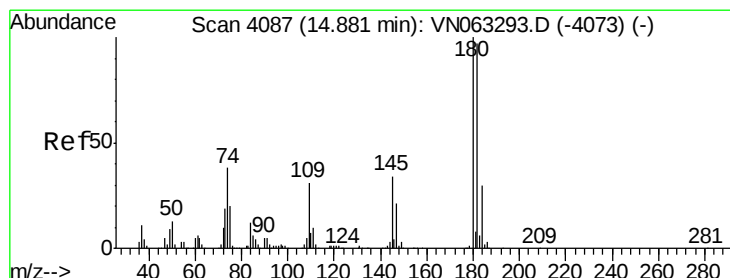
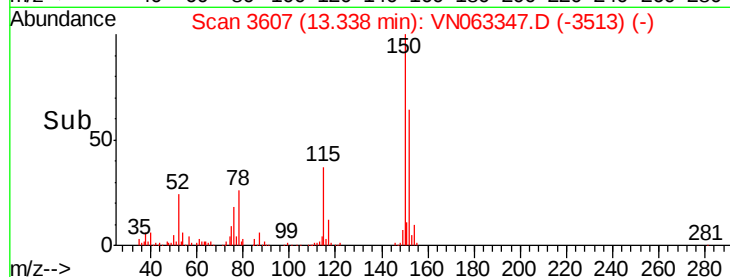
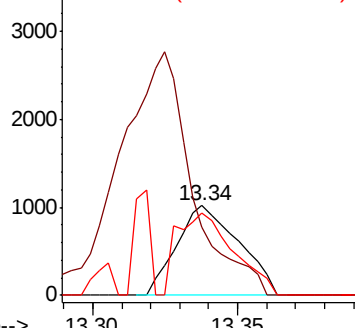
#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063347.D
 Acq: 14 Sep 2020 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 B19-4-6MEDL

Tot Ion:146 Resp: 1512
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.3 64.0#
 148 83.9 31.5 94.5

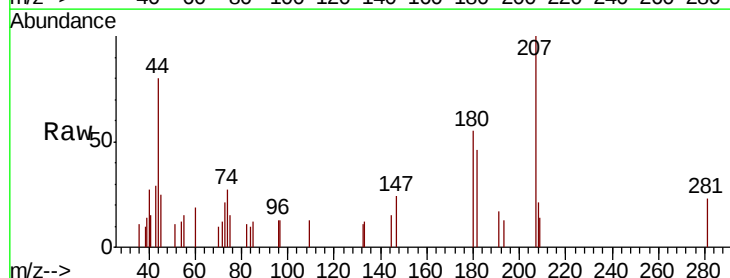


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

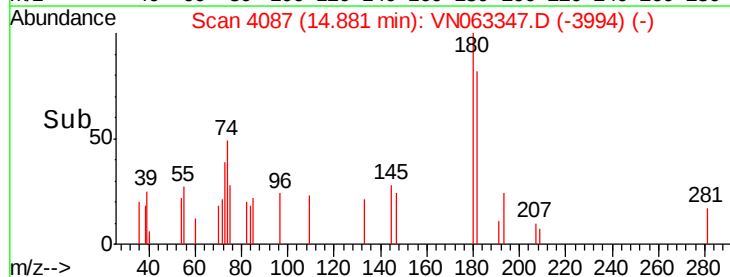
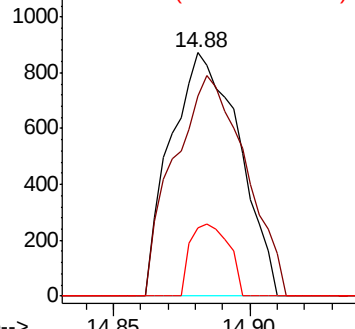


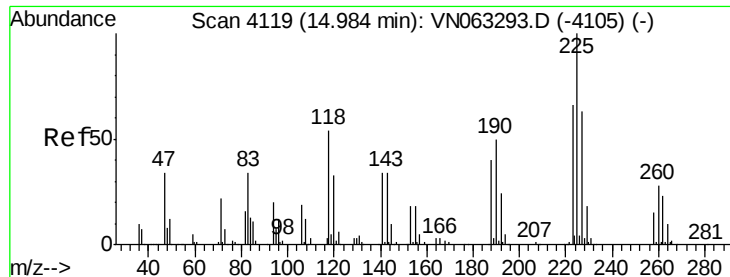
#93
 1,2,4-Trichlorobenzene
 Concen: 0.257 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063347.D
 Acq: 14 Sep 2020 16:55

Tgt Ion:180 Resp: 1517
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.0 144.2
 145 16.5 16.6 49.8#



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





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.98 min Scan# 4119

Delta R.T. -0.00 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

Instrument :

MSVOA_N

ClientSampleId :

B19-4-6MEDL

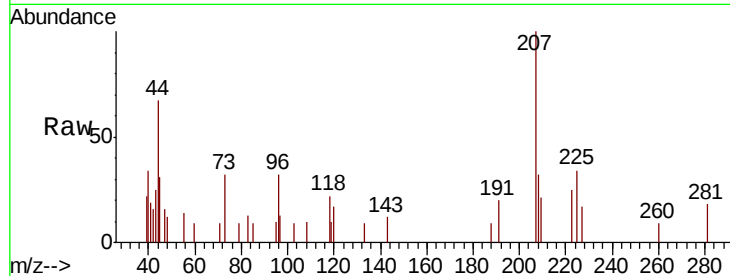
Tot Ion:225 Resp: 835

Ion Ratio Lower Upper

225 100

223 66.9 31.3 93.9

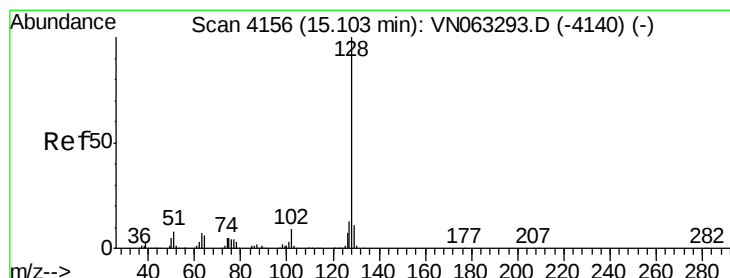
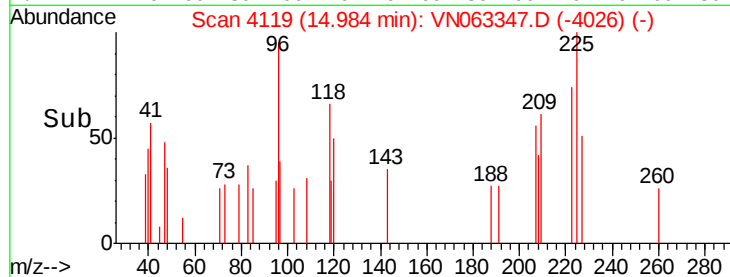
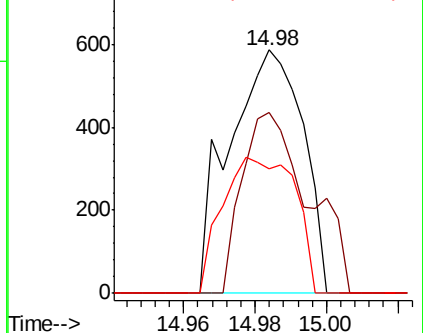
227 55.1 31.2 93.6



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: 8.073 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063347.D

Acq: 14 Sep 2020 16:55

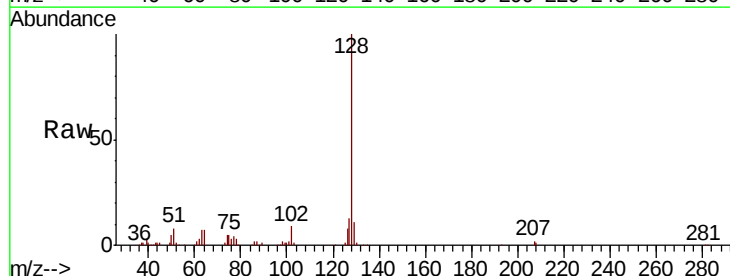
Tgt Ion:128 Resp: 151367

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

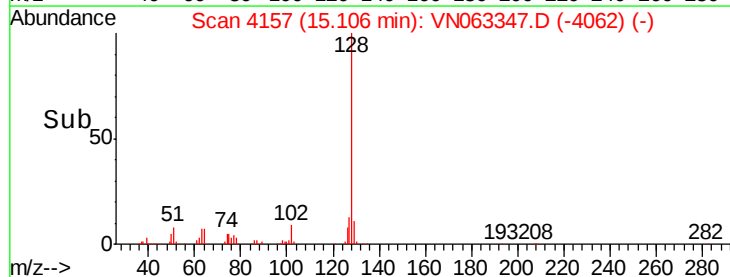
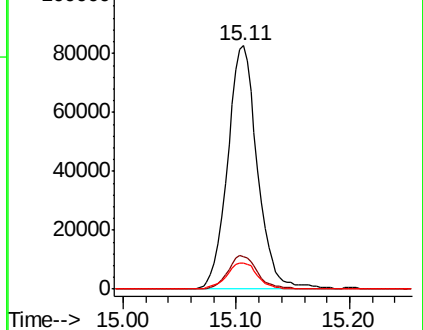
129 11.1 8.6 12.8

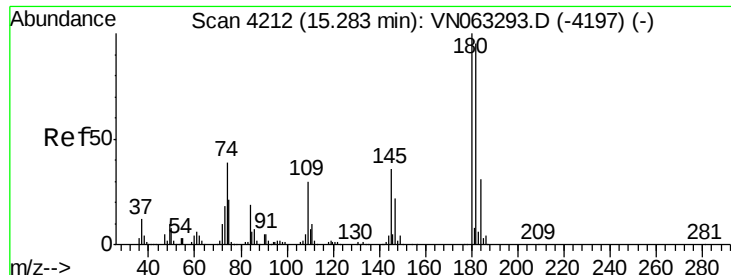


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.28 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN063347.D
 Acq: 14 Sep 2020 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 B19-4-6MEDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	110.9	47.4	142.3
145	35.4	17.2	51.6

