

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063482.D
 Acq On : 21 Sep 2020 13:46
 Operator : JC/MD
 Sample : L3952-16DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16718DL

Quant Time: Sep 22 02:23:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	229114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193032	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	186637	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
35) Dibromofluoromethane	7.55	113	133655	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
50) Toluene-d8	10.06	98	538087	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.38	95	221281	55.41	ug/l	0.00
Spiked Amount			Recovery	=	110.82%	

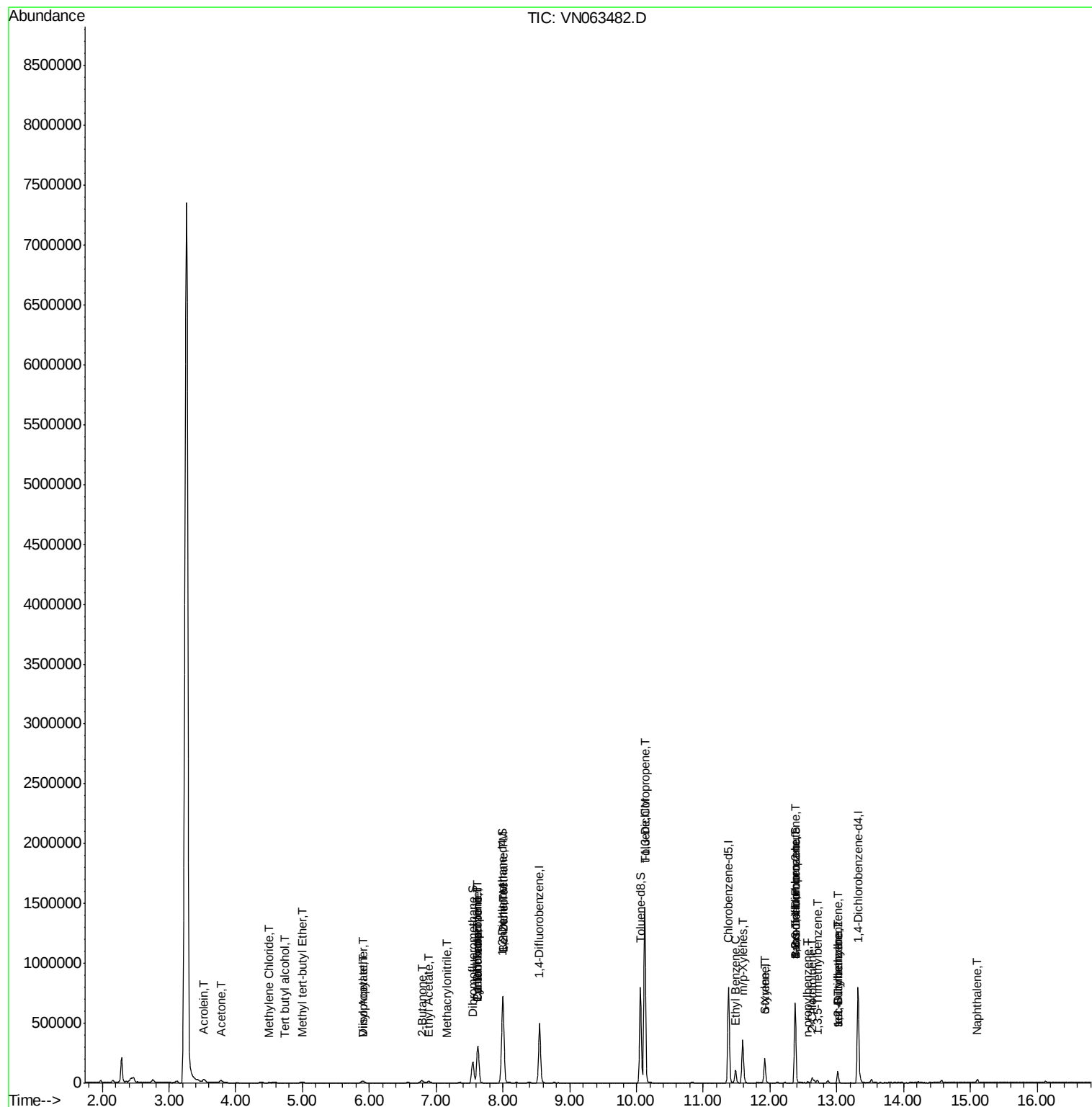
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	719	1.331	ug/l #	72
13) Acrolein	3.52	56	701	3.501	ug/l #	1
16) Acetone	3.78	43	34365	27.417	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	11537	1.197	ug/l #	90
20) Methylene Chloride	4.49	84	752	0.237	ug/l #	76
22) Diisopropyl ether	5.90	45	20740	1.988	ug/l #	83
23) Vinyl Acetate	5.90	43	11140	1.300	ug/l #	75
25) 2-Butanone	6.79	43	17111	8.876	ug/l	95
31) Cyclohexane	7.62	56	8347	1.550	ug/l #	44
36) 1,1-Dichloropropene	7.63	75	20686	4.640	ug/l #	52
37) Ethyl Acetate	6.88	43	28798	6.581	ug/l	98
38) Carbon Tetrachloride	7.63	117	24240	5.326	ug/l #	19
40) Benzene	8.00	78	593759	46.654	ug/l	99
41) Methacrylonitrile	7.16	41	421	0.214	ug/l #	100
42) 1,2-Dichloroethane	8.00	62	6280	1.227	ug/l #	78
52) Toluene	10.13	92	622384	81.338	ug/l	100
53) t-1,3-Dichloropropene	10.12	75	7810	1.478	ug/l #	1
67) Ethyl Benzene	11.48	91	76288	4.486	ug/l	98
68) m/p-Xylenes	11.59	106	109879	17.922	ug/l	96
69) o-Xylene	11.92	106	54232	9.286	ug/l	97
70) Styrene	11.93	104	3641	0.372	ug/l #	1
71) Bromoform	12.38	173	1160	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	123168	25.779	ug/l #	100
78) n-propylbenzene	12.57	91	7932	0.440	ug/l	94
79) 2-Chlorotoluene	12.63	91	3310	0.306	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	10630	0.824	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.38	75	123168	70.677	ug/l #	7
83) tert-Butylbenzene	13.01	119	6715	0.631	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.02	105	51597	3.960	ug/l	99
85) sec-Butylbenzene	13.02	105	51597	3.621	ug/l #	59
95) Naphthalene	15.11	128	20971	1.700	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

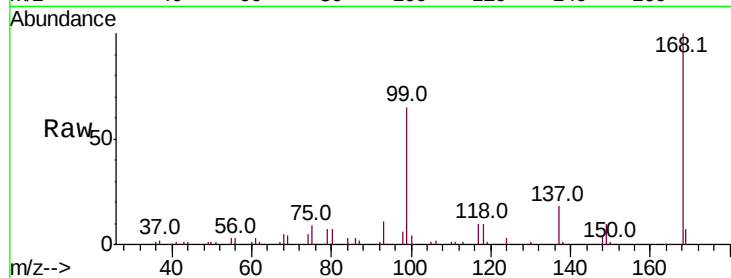
16718DL

Tot Ion:168 Resp: 229114

Ion Ratio Lower Upper

168 100

99 65.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

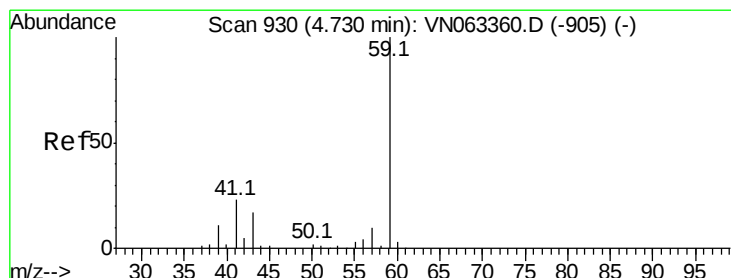
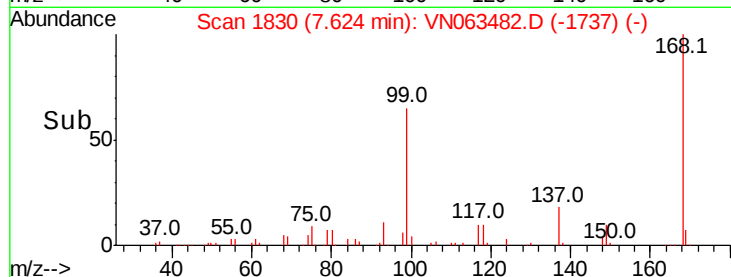
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 1.331 ug/l

RT: 4.73 min Scan# 930

Delta R.T. -0.00 min

Lab File: VN063482.D

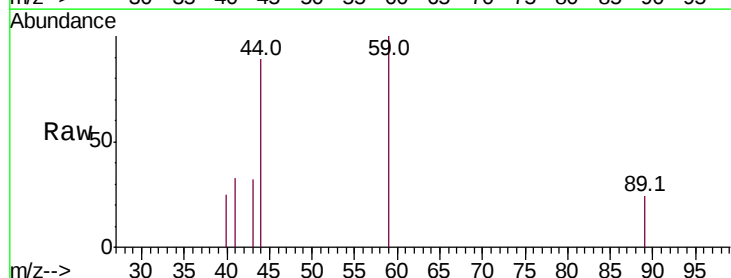
Acq: 21 Sep 2020 13:46

Tgt Ion: 59 Resp: 719

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

800

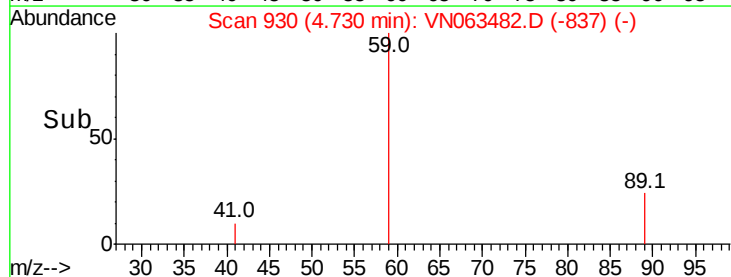
600

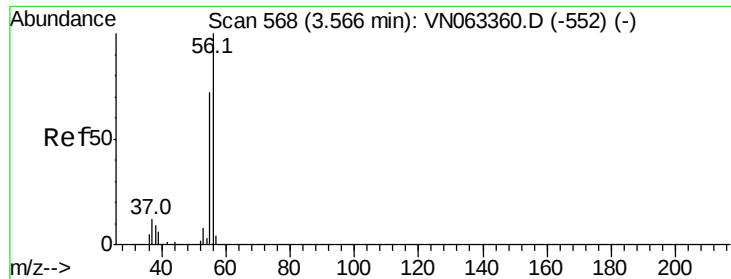
400

200

0

Time--> 4.70 4.72 4.74





#13

Acrolein

Concen: 3.501 ug/l

RT: 3.52 min Scan# 555

Delta R.T. -0.04 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

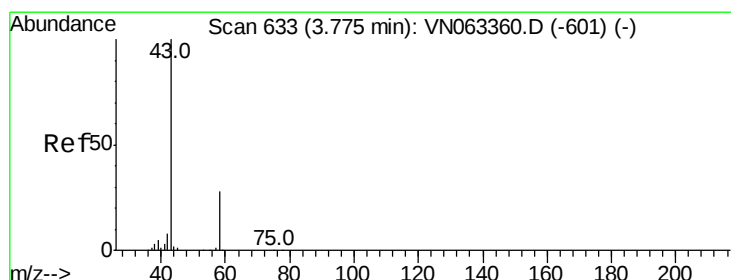
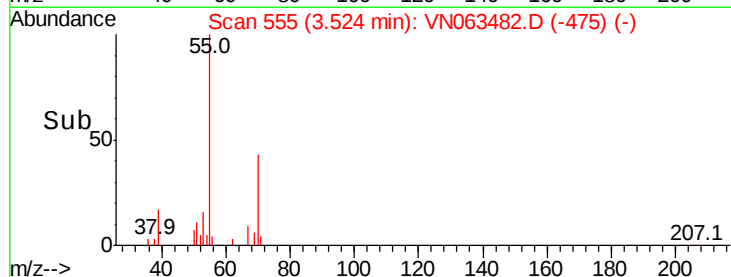
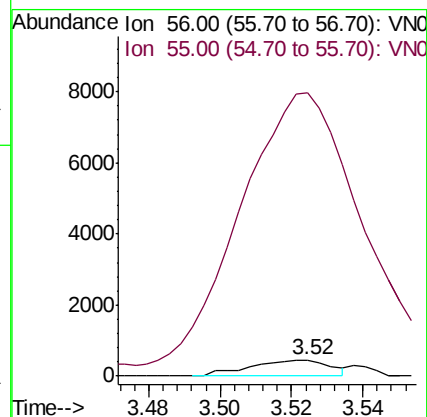
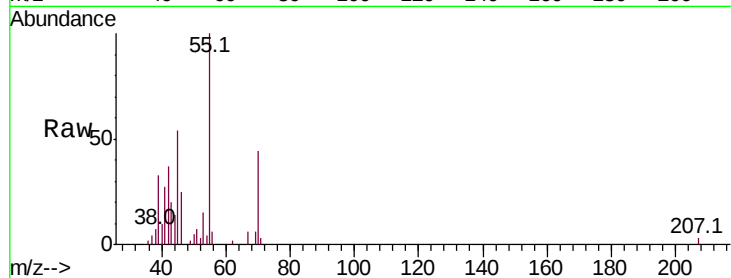
16718DL

Tot Ion: 56 Resp: 701

Ion Ratio Lower Upper

56 100

55 2639.1 58.2 87.2#



#16

Acetone

Concen: 27.417 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063482.D

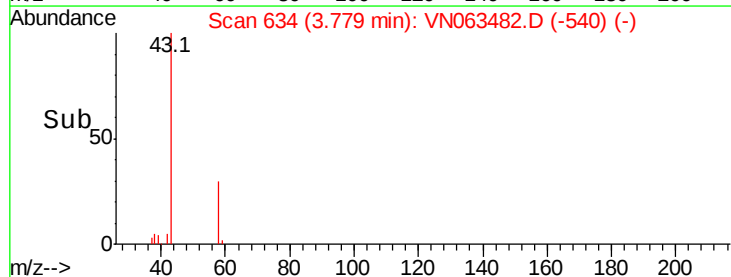
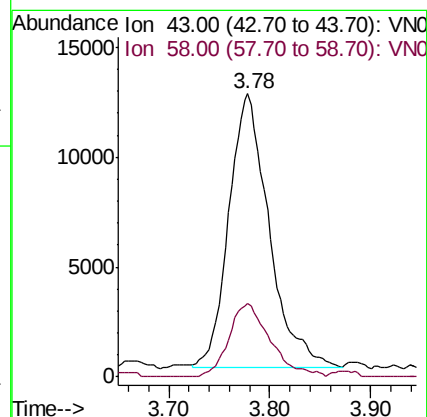
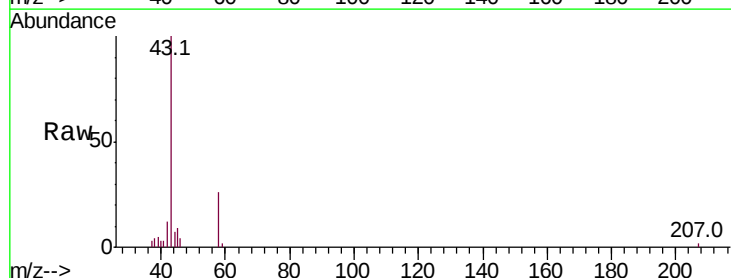
Acq: 21 Sep 2020 13:46

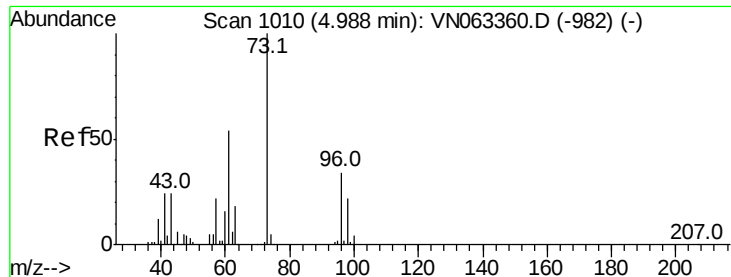
Tgt Ion: 43 Resp: 34365

Ion Ratio Lower Upper

43 100

58 26.9 22.3 33.5

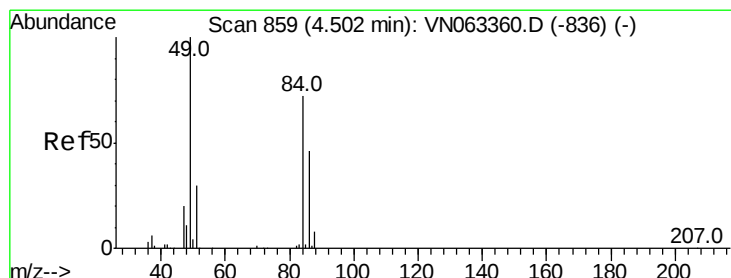
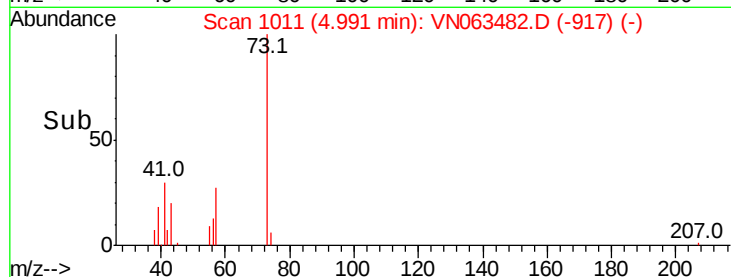
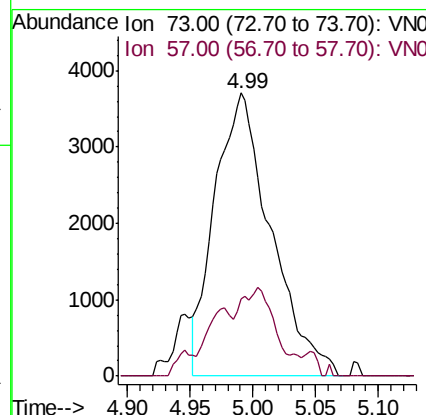
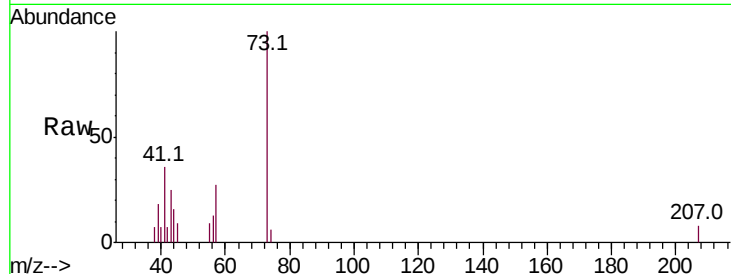




#19
Methvl tert-butvl Ether
Concen: 1.197 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063482.D
Acq: 21 Sep 2020 13:46

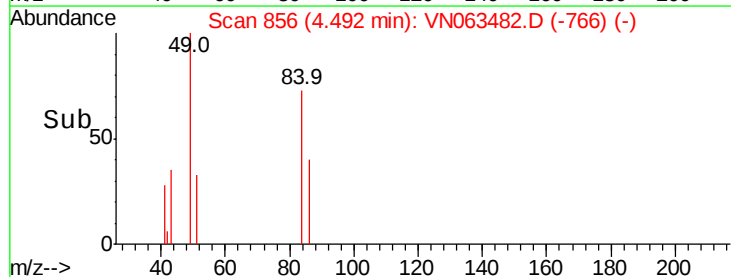
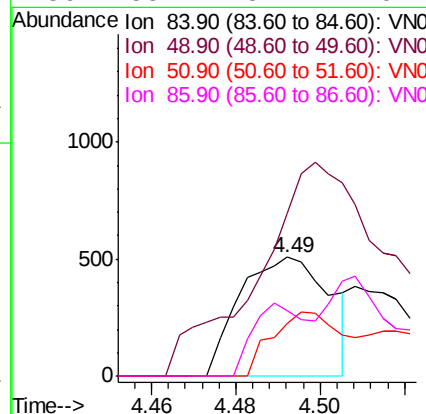
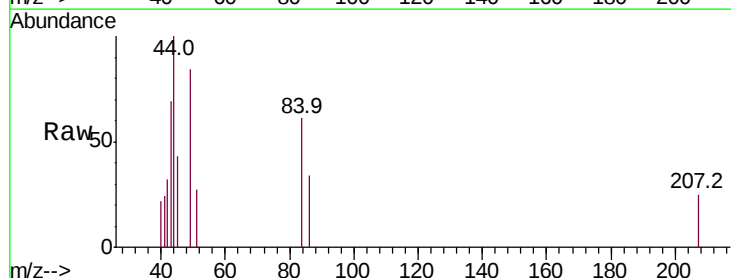
Instrument :
MSVOA_N
ClientSampleId :
16718DL

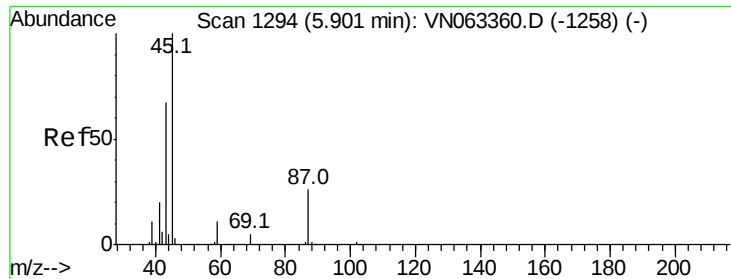
Tot Ion: 73 Resp: 11537
Ion Ratio Lower Upper
73 100
57 27.1 17.9 26.9#



#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 4.49 min Scan# 856
Delta R.T. -0.01 min
Lab File: VN063482.D
Acq: 21 Sep 2020 13:46

Tgt Ion: 84 Resp: 752
Ion Ratio Lower Upper
84 100
49 96.1 110.7 166.1#
51 44.6 32.9 49.3
86 55.4 51.1 76.7





#22

Diisopropyl ether

Concen: 1.988 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

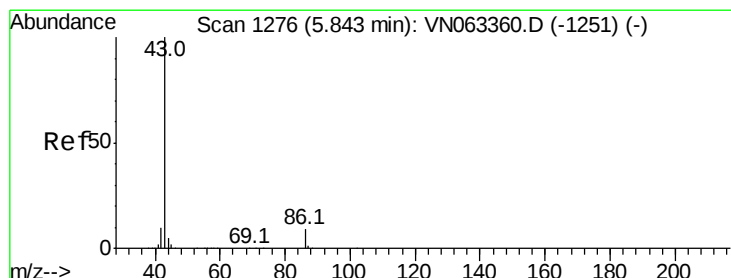
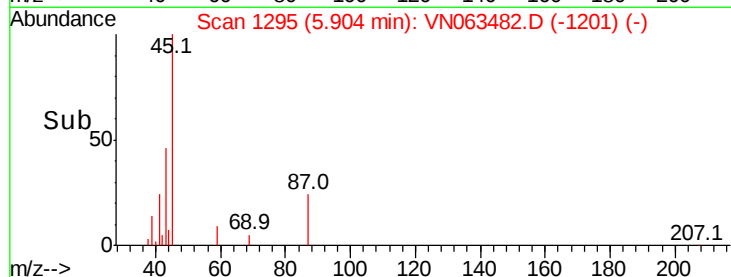
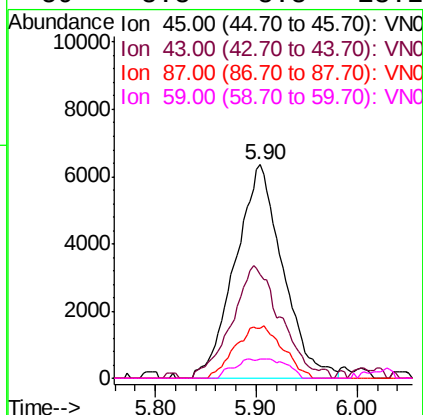
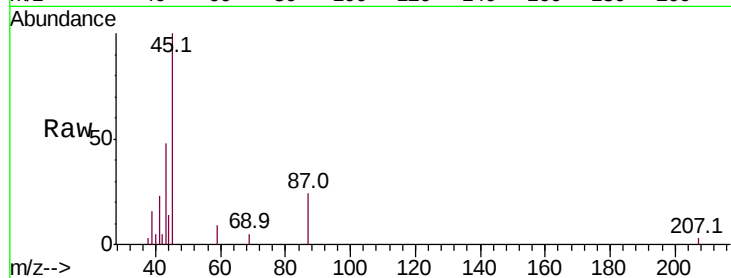
Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
16718DL

Tot Ion: 45 Resp: 20740

Ion	Ratio	Lower	Upper
45	100		
43	48.4	53.5	80.3#
87	23.5	21.2	31.8
59	8.8	8.8	13.2#



#23

Vinyl Acetate

Concen: 1.300 ug/l

RT: 5.90 min Scan# 1293

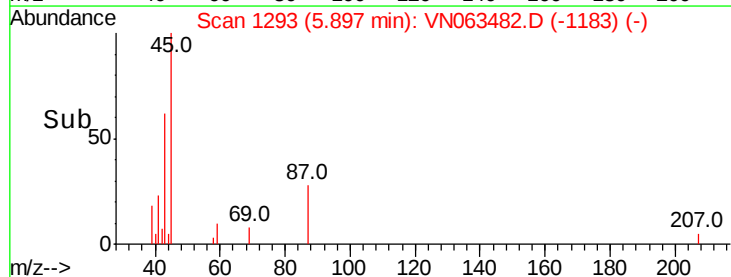
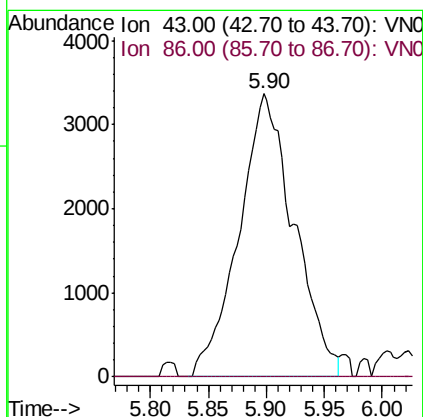
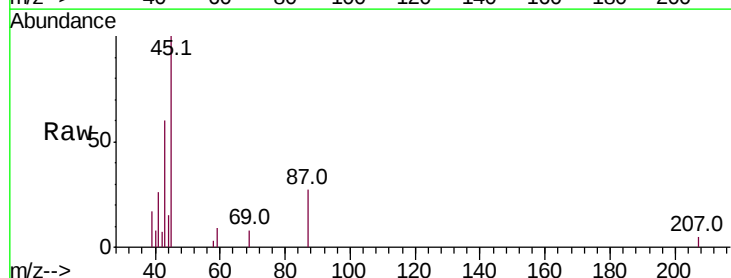
Delta R.T. 0.05 min

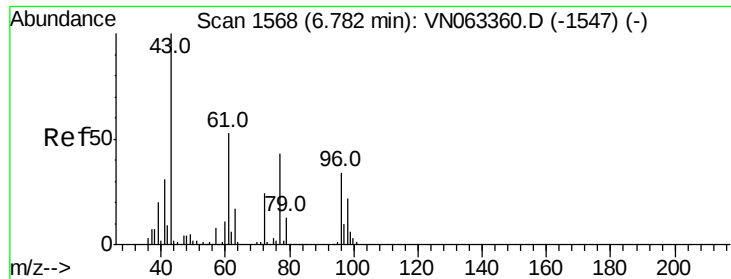
Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Tgt Ion: 43 Resp: 11140

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#





#25

2-Butanone

Concen: 8.876 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

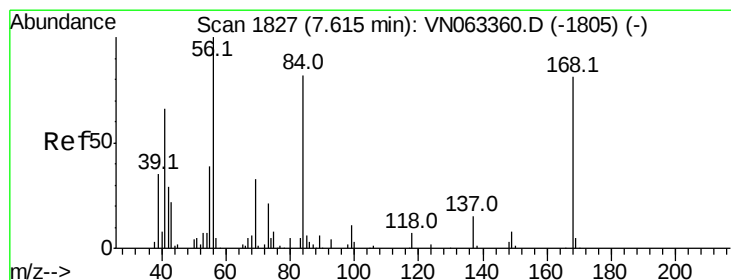
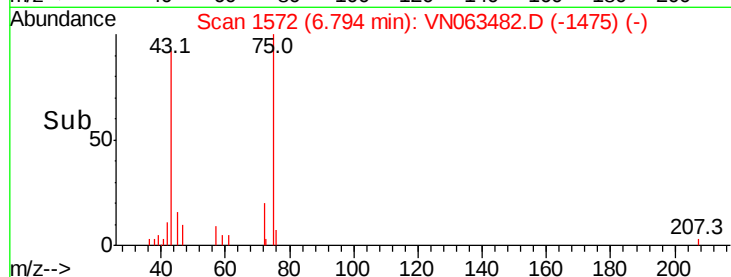
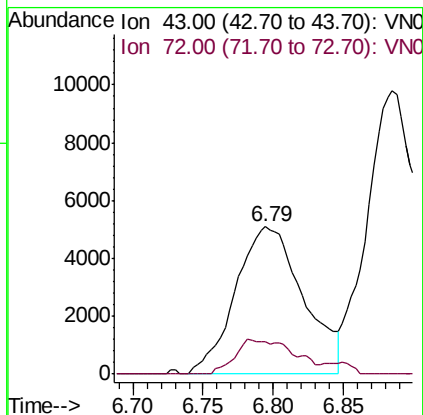
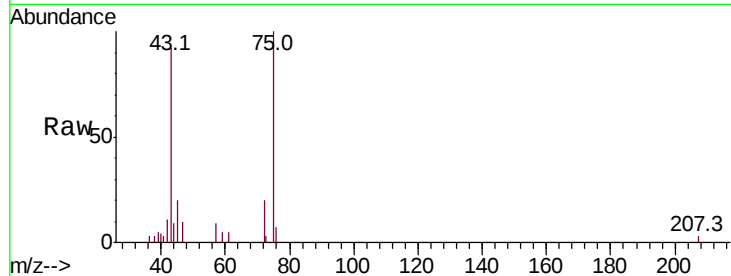
16718DL

Tot Ion: 43 Resp: 17111

Ion Ratio Lower Upper

43 100

72 21.6 19.2 28.8



#31

Cyclohexane

Concen: 1.550 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

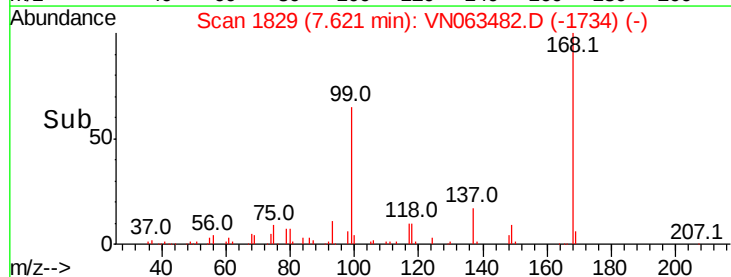
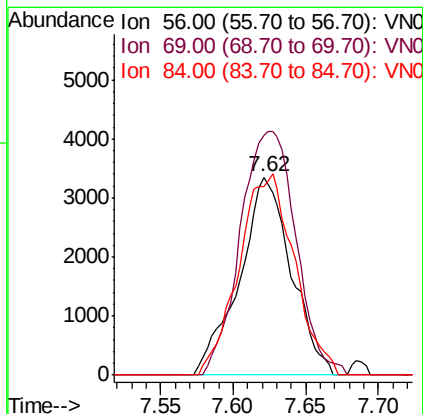
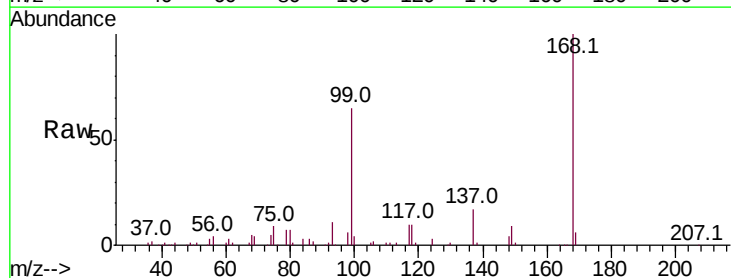
Tgt Ion: 56 Resp: 8347

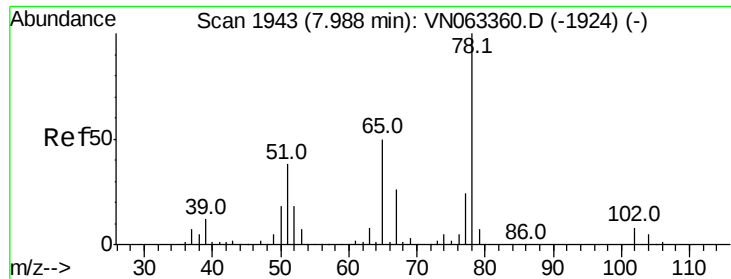
Ion Ratio Lower Upper

56 100

69 121.4 26.1 39.1#

84 95.1 65.4 98.2





#33

1,2-Dichloroethane-d4

Concen: 47.854 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

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ClientSampleId :

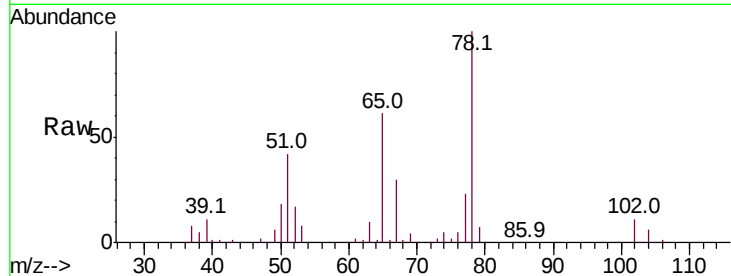
16718DL

Tot Ion: 65 Resp: 186637

Ion Ratio Lower Upper

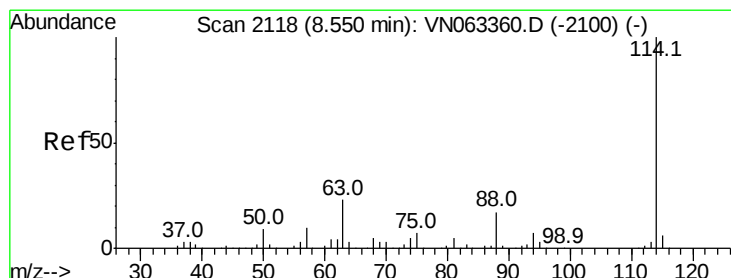
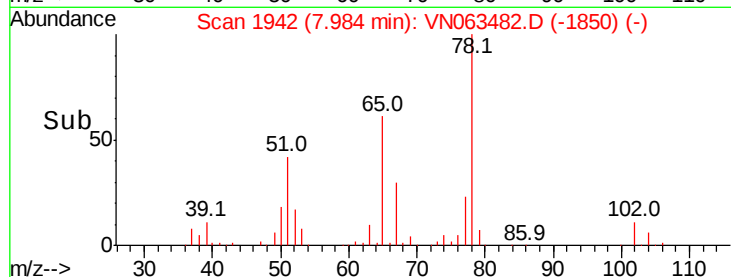
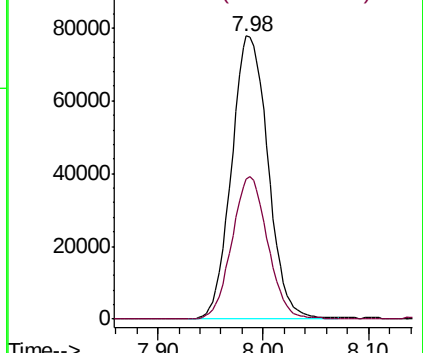
65 100

67 49.3 0.0 104.2



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: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

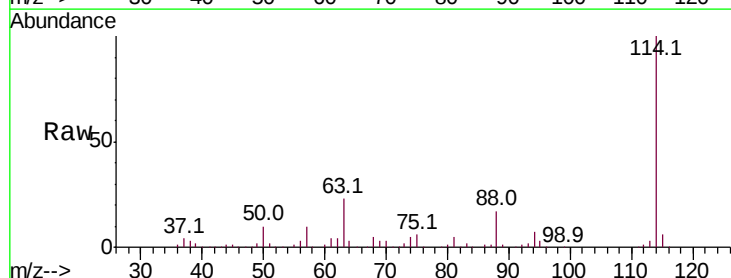
Tgt Ion:114 Resp: 418481

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.4

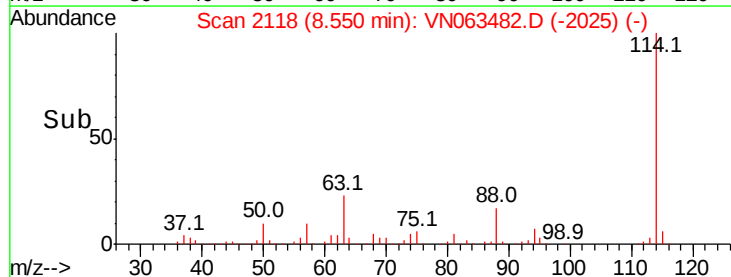
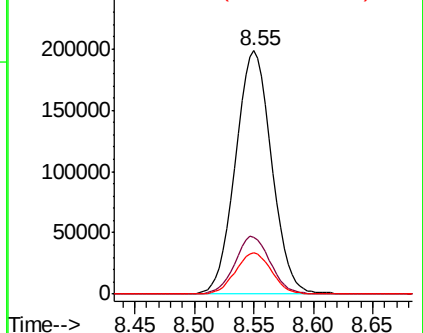
88 16.9 0.0 33.2

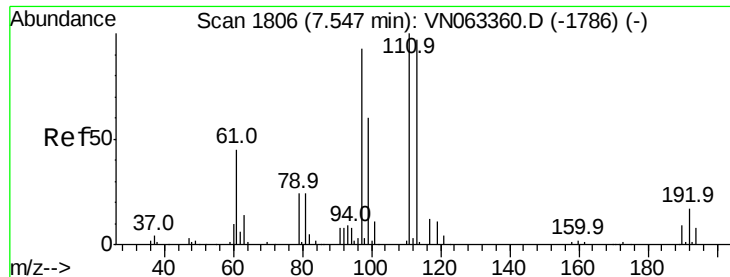


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

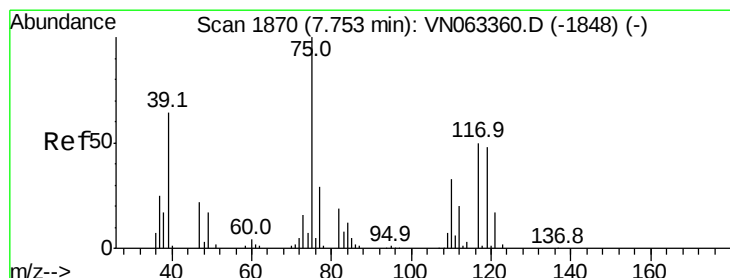
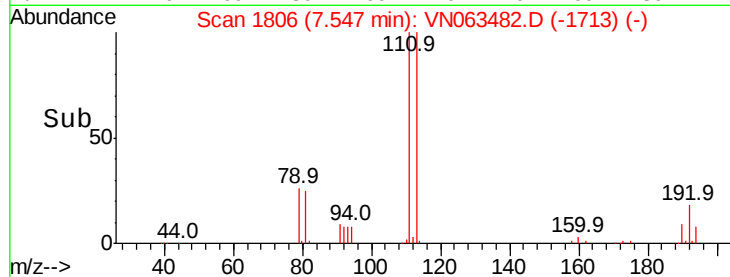
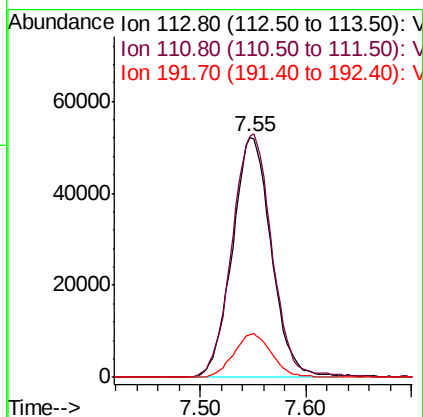
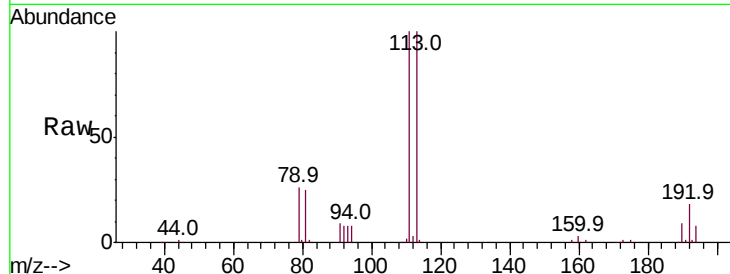




#35
 Dibromofluoromethane
 Concen: 46.135 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063482.D
 Acq: 21 Sep 2020 13:46

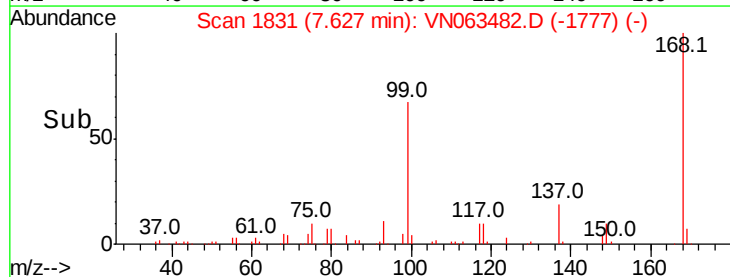
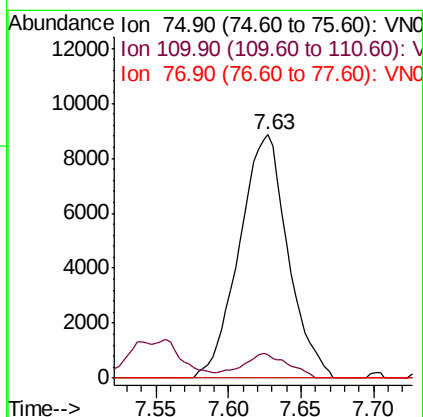
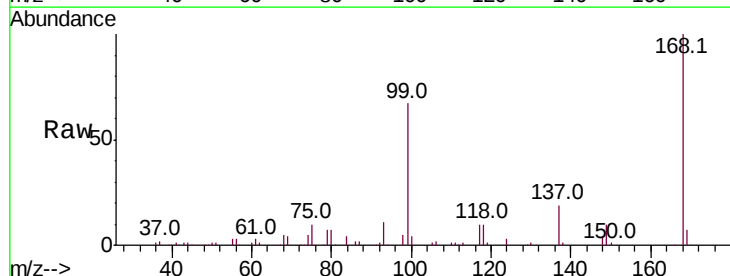
Instrument :
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 ClientSampleId :
 16718DL

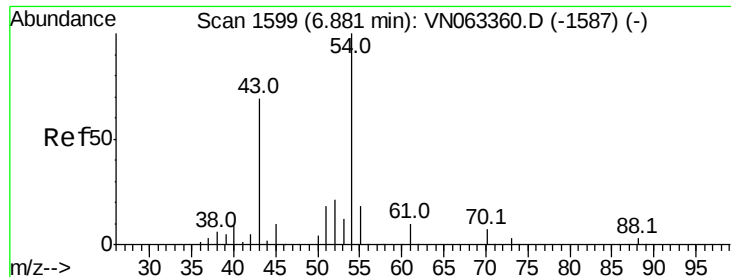
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	17.7	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 4.640 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063482.D
 Acq: 21 Sep 2020 13:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.5	49.5#
77	0.0	24.6	36.8#





#37

Ethyl Acetate

Concen: 6.581 ug/l

RT: 6.88 min Scan# 1600

Delta R.T. 0.00 min

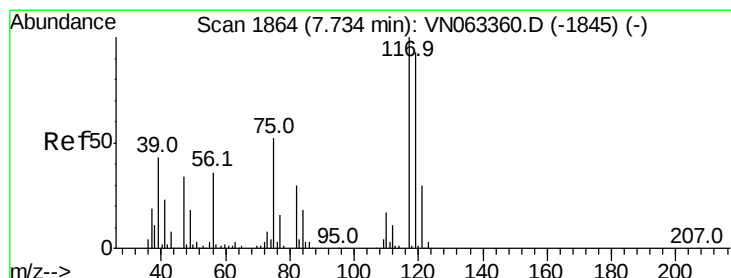
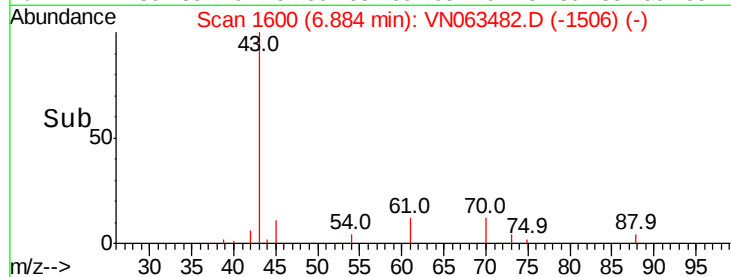
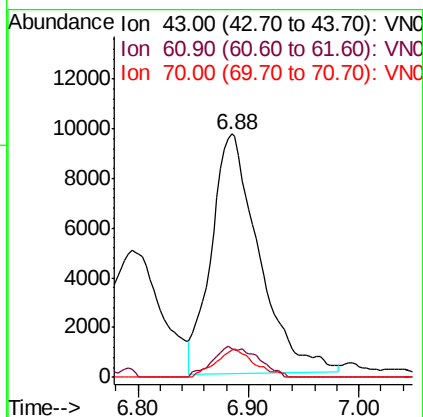
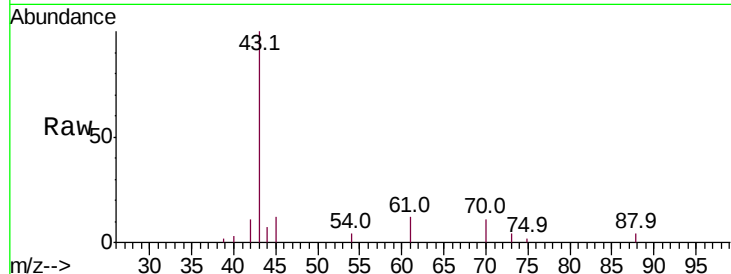
Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
16718DL

Tot Ion: 43 Resp: 28798

Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.6	15.8
70	9.7	7.2	10.8



#38

Carbon Tetrachloride

Concen: 5.326 ug/l

RT: 7.63 min Scan# 1831

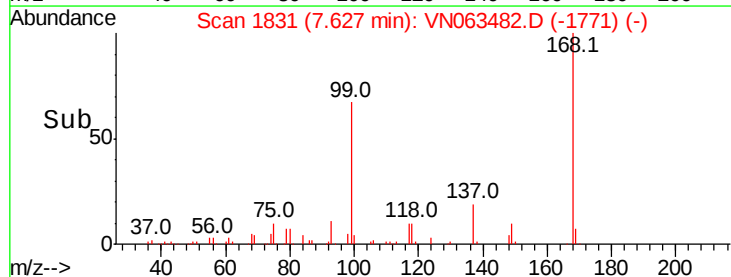
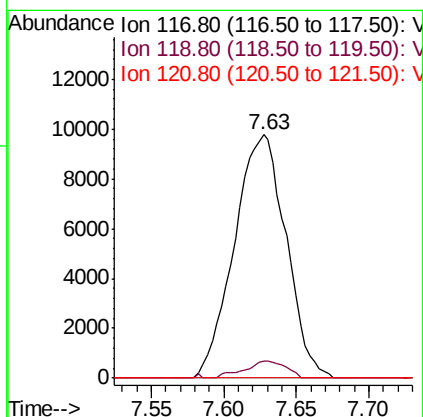
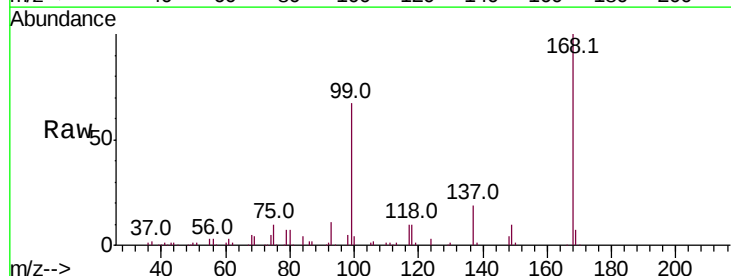
Delta R.T. -0.11 min

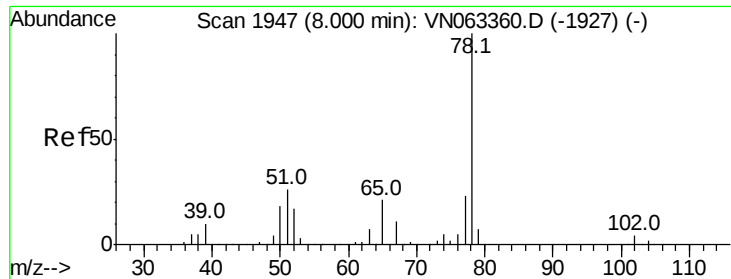
Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Tgt Ion: 117 Resp: 24240

Ion	Ratio	Lower	Upper
117	100		
119	7.1	74.5	111.7#
121	0.0	24.1	36.1#





#40

Benzene

Concen: 46.654 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

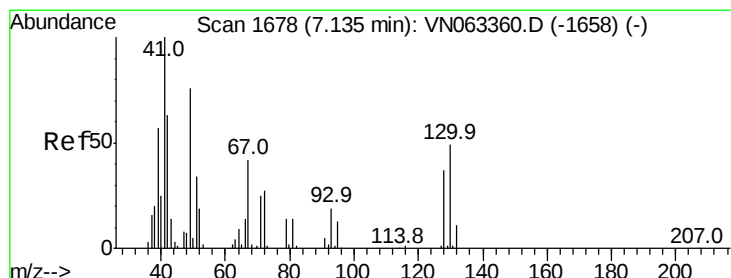
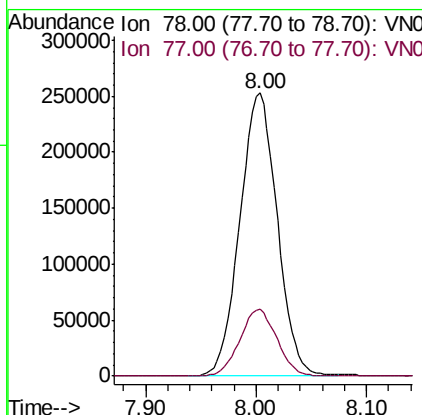
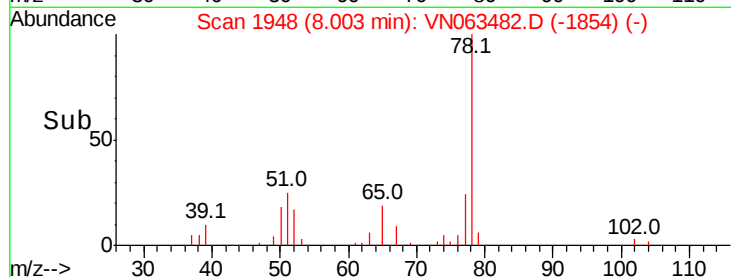
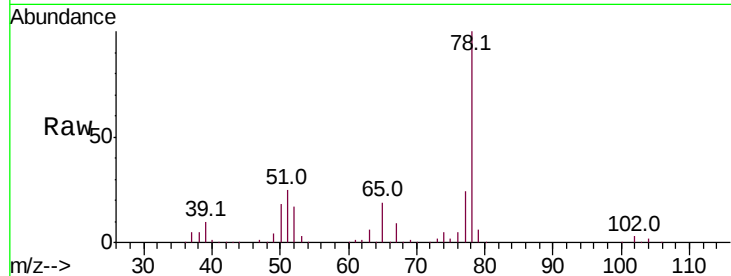
16718DL

Tot Ion: 78 Resp: 593759

Ion Ratio Lower Upper

78 100

77 23.5 18.3 27.5



#41

Methacrylonitrile

Concen: 0.214 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.03 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Tgt Ion: 41 Resp: 421

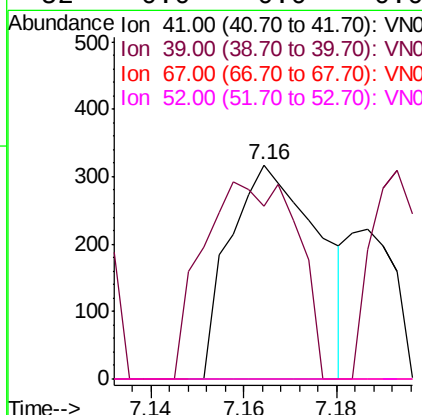
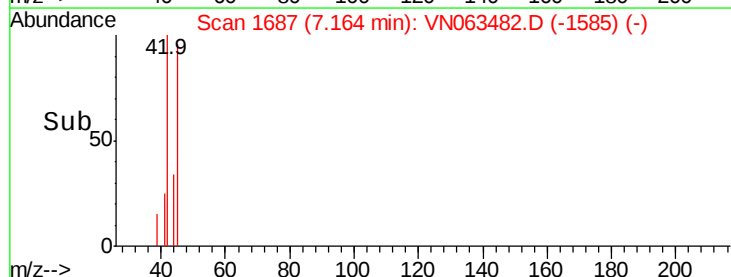
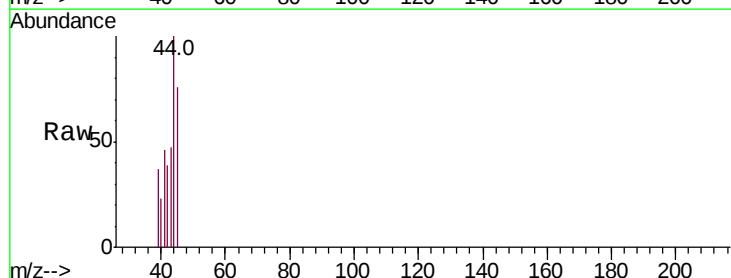
Ion Ratio Lower Upper

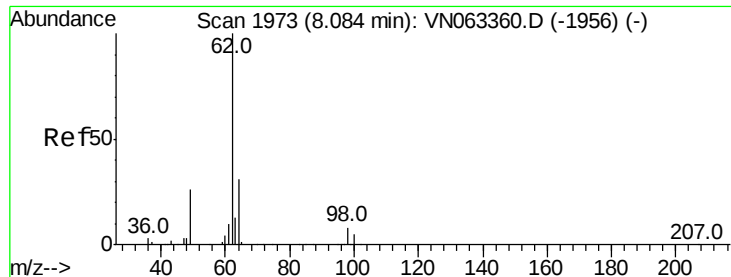
41 100

39 97.6 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 1.227 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.08 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

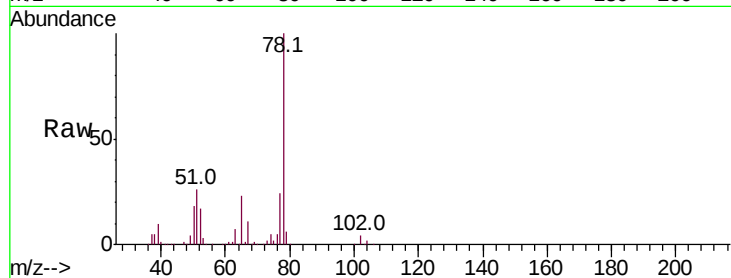
16718DL

Tot Ion: 62 Resp: 6280

Ion Ratio Lower Upper

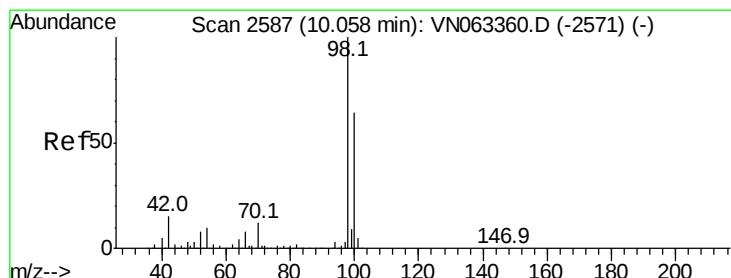
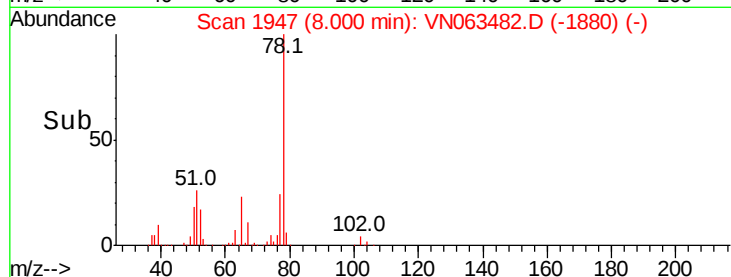
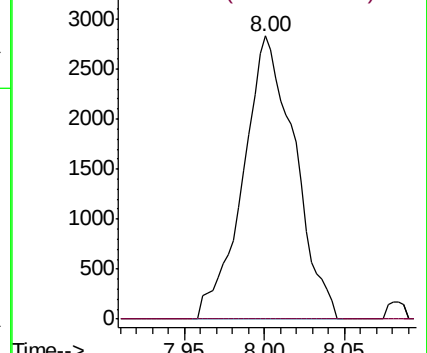
62 100

98 0.0 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#50

Toluene-d8

Concen: 49.395 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063482.D

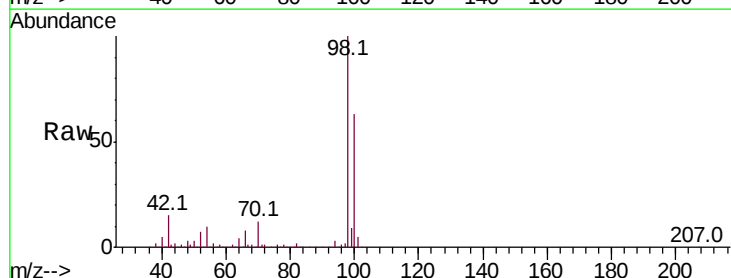
Acq: 21 Sep 2020 13:46

Tgt Ion: 98 Resp: 538087

Ion Ratio Lower Upper

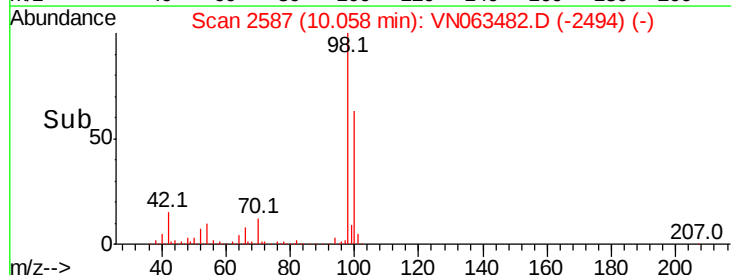
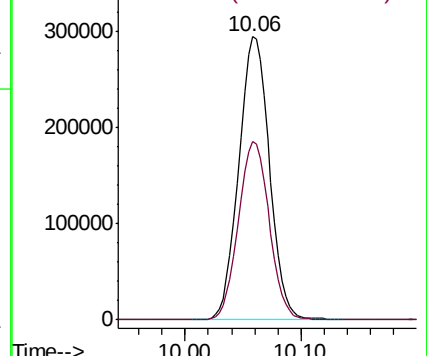
98 100

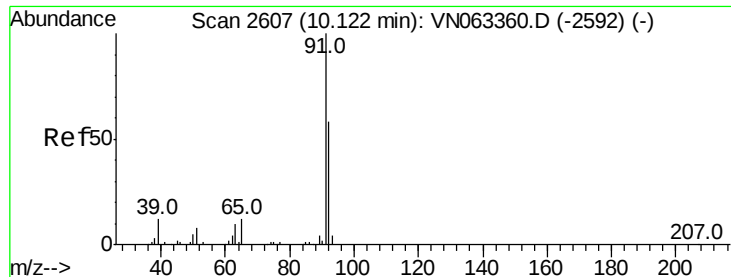
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 81.338 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

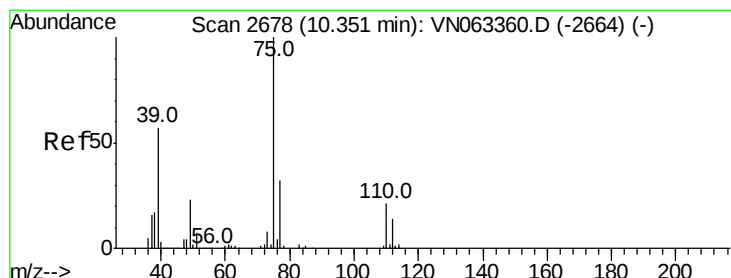
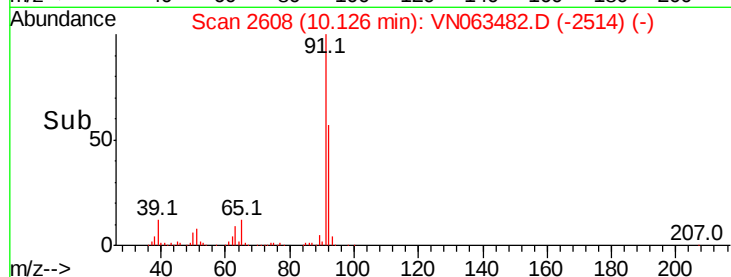
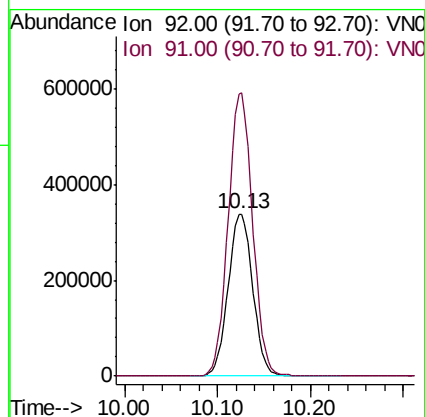
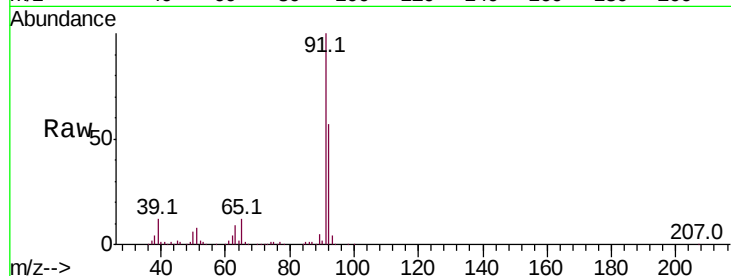
16718DL

Tot Ion: 92 Resp: 622384

Ion Ratio Lower Upper

92 100

91 174.2 139.7 209.5



#53

t-1,3-Dichloropropene

Concen: 1.478 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.23 min

Lab File: VN063482.D

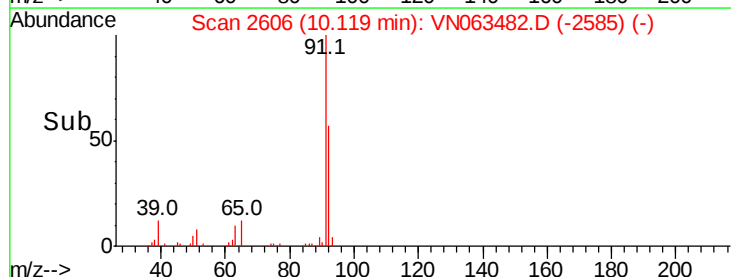
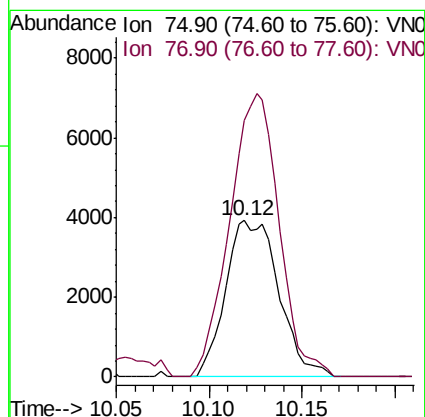
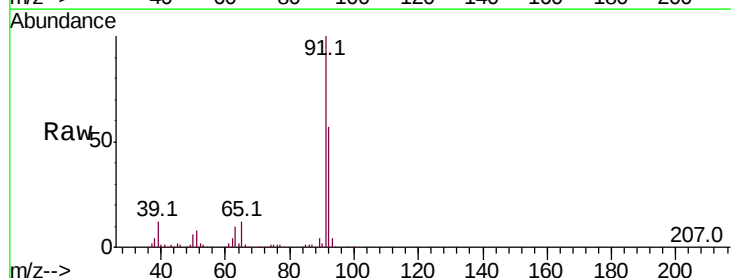
Acq: 21 Sep 2020 13:46

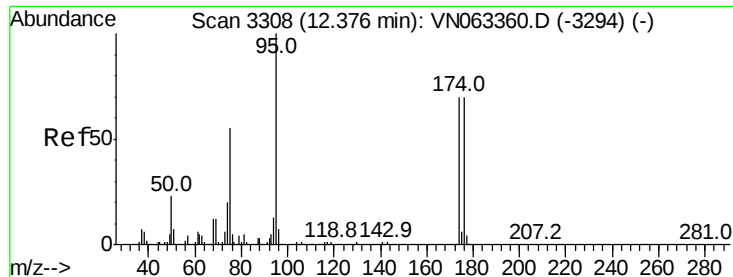
Tgt Ion: 75 Resp: 7810

Ion Ratio Lower Upper

75 100

77 164.1 25.4 38.2#





#62

4-Bromofluorobenzene

Concen: 55.412 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

16718DL

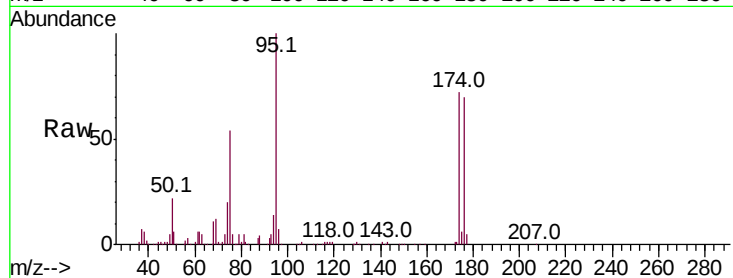
Tot Ion: 95 Resp: 221281

Ion Ratio Lower Upper

95 100

174 71.7 0.0 140.8

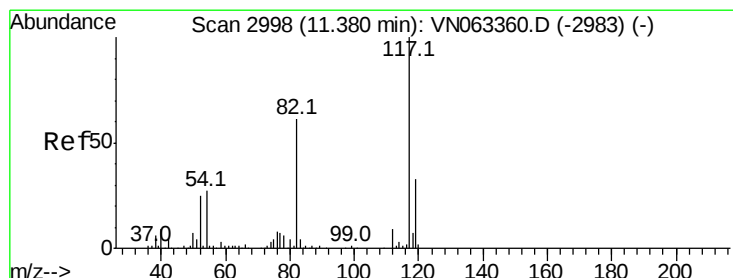
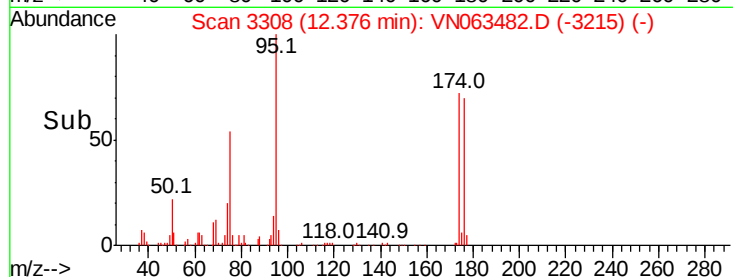
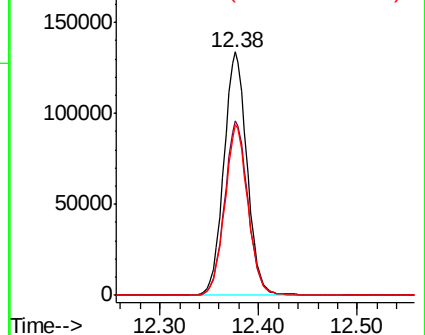
176 69.8 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

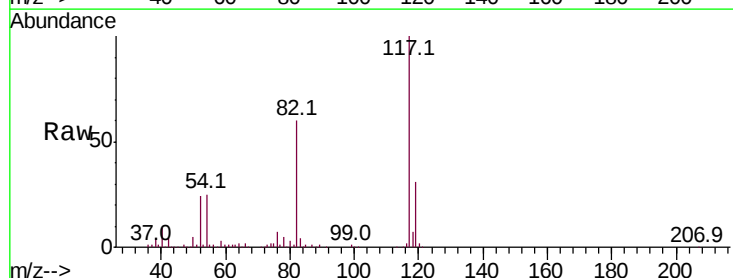
Tgt Ion: 117 Resp: 425385

Ion Ratio Lower Upper

117 100

82 59.9 49.2 73.8

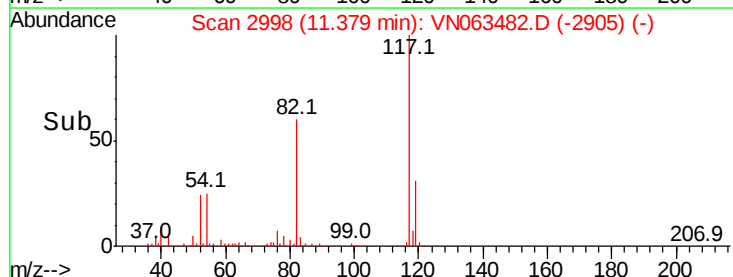
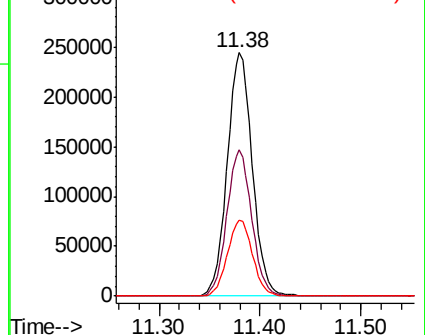
119 31.4 26.2 39.4

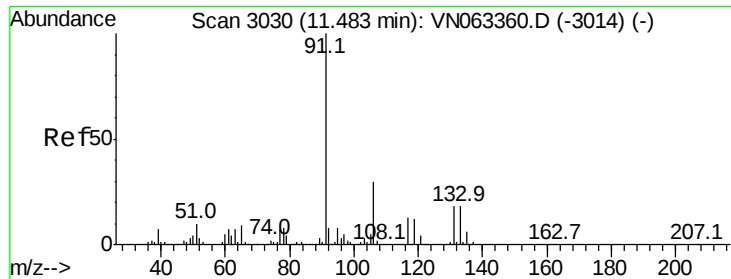


Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063360.D (-2983) (-)

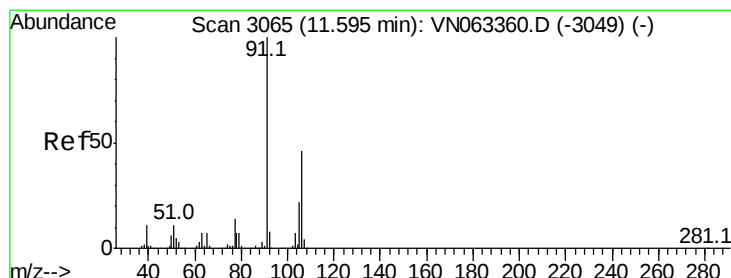
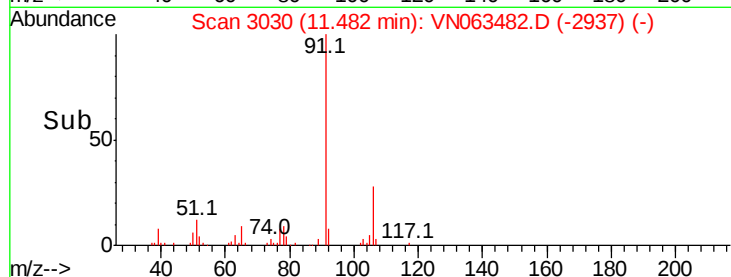
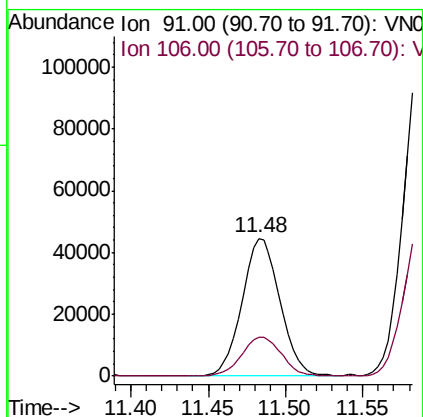
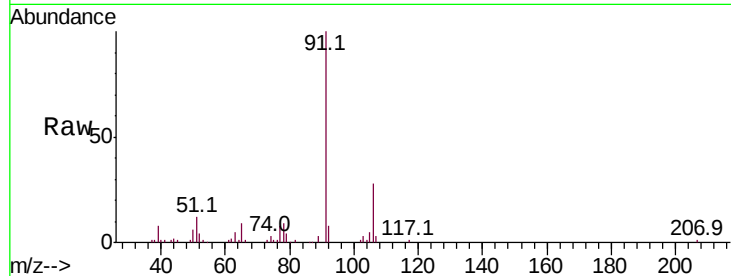




#67
Ethyl Benzene
Concen: 4.486 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063482.D
Acq: 21 Sep 2020 13:46

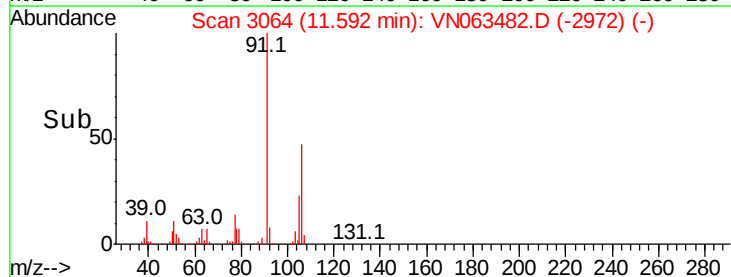
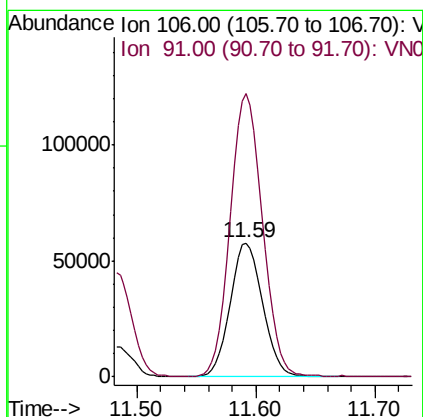
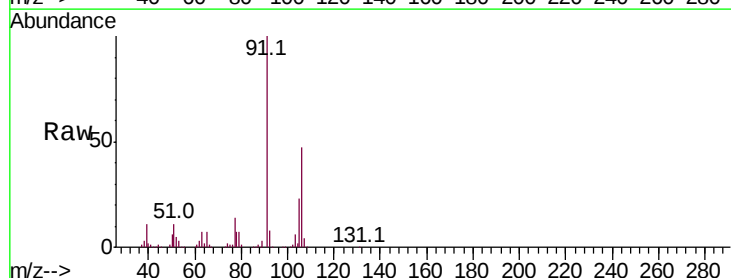
Instrument :
MSVOA_N
ClientSampled :
16718DL

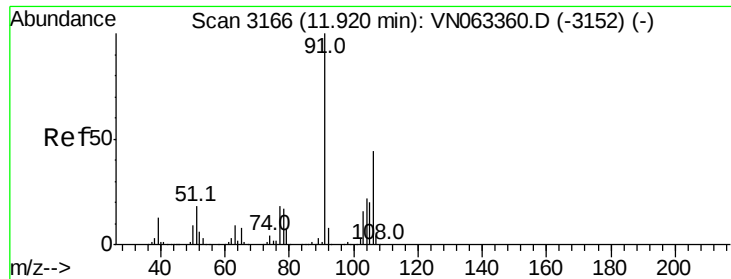
Tot Ion: 91 Resp: 76288
Ion Ratio Lower Upper
91 100
106 28.4 23.8 35.6



#68
m/p-Xylenes
Concen: 17.922 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063482.D
Acq: 21 Sep 2020 13:46

Tgt Ion: 106 Resp: 109879
Ion Ratio Lower Upper
106 100
91 207.6 171.2 256.8

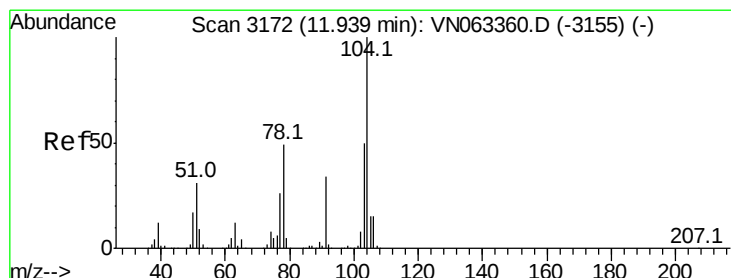
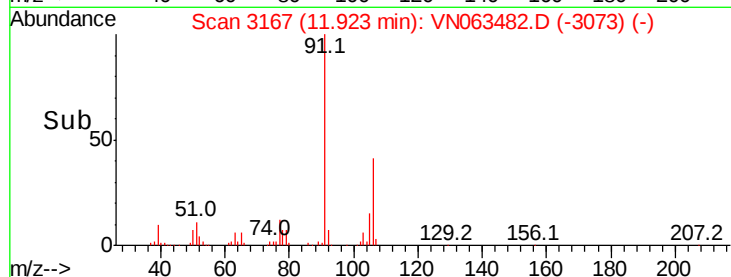
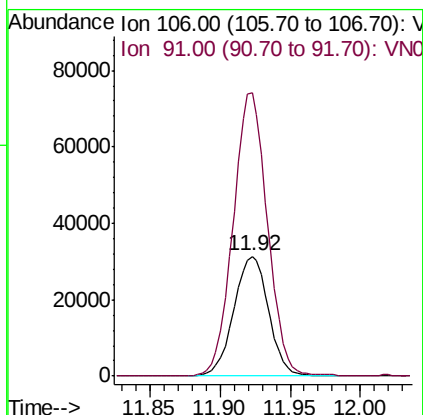
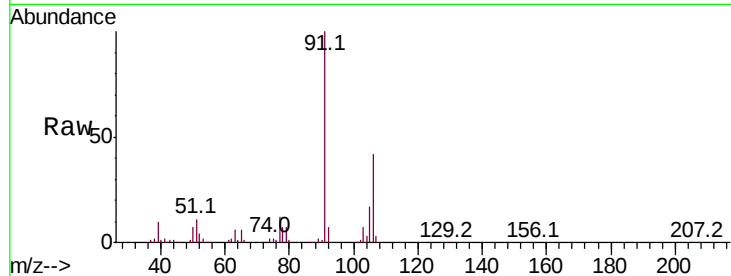




#69
o-Xylene
Concen: 9.286 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063482.D
Acq: 21 Sep 2020 13:46

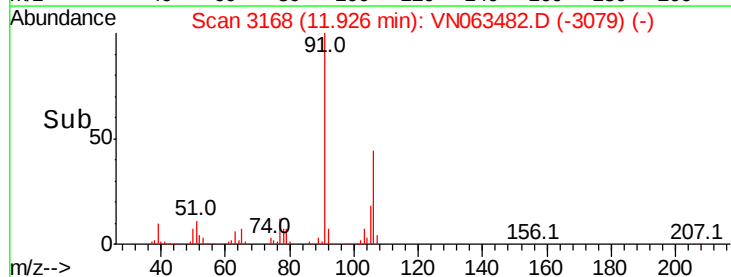
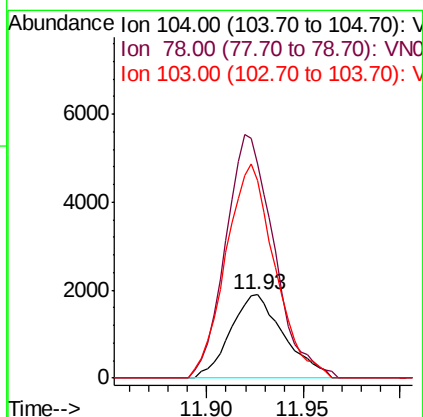
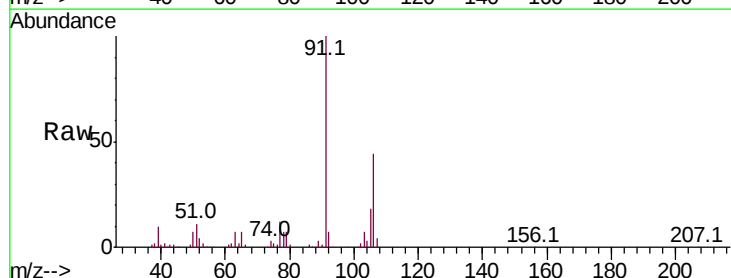
Instrument :
MSVOA_N
ClientSampled :
16718DL

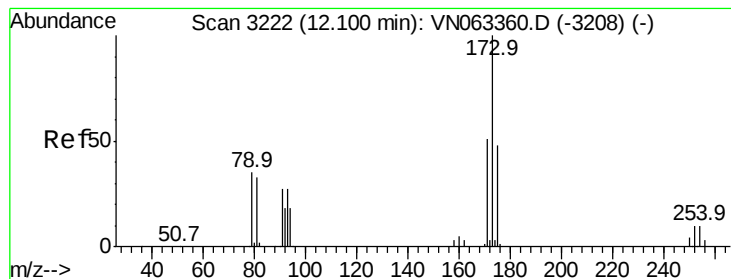
Tot Ion:106 Resp: 54232
Ion Ratio Lower Upper
106 100
91 232.1 113.6 340.8



#70
Styrene
Concen: 0.372 ug/l
RT: 11.93 min Scan# 3168
Delta R.T. -0.01 min
Lab File: VN063482.D
Acq: 21 Sep 2020 13:46

Tgt Ion:104 Resp: 3641
Ion Ratio Lower Upper
104 100
78 263.6 44.4 66.6#
103 235.7 43.7 65.5#





#71

Bromoform

Concen: 0.470 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.28 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

16718DL

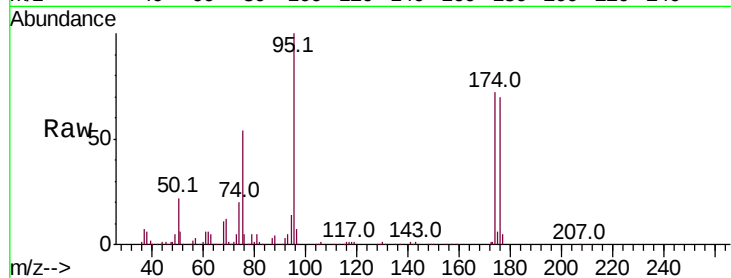
Tot Ion:173 Resp: 1160

Ion Ratio Lower Upper

173 100

175 895.0 24.0 72.0#

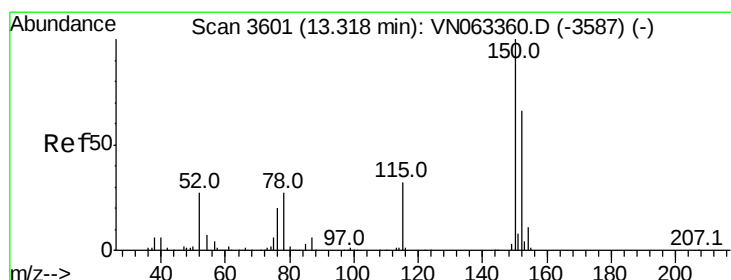
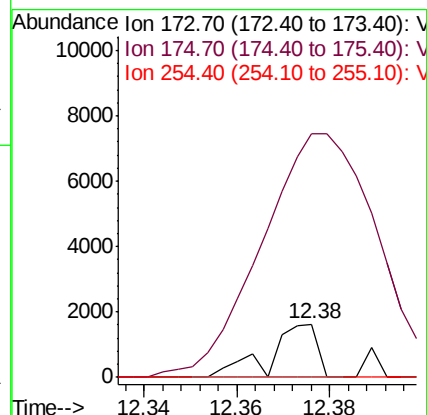
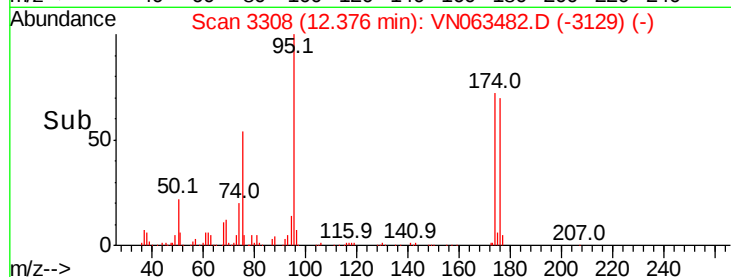
254 0.0 0.0 0.0



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: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

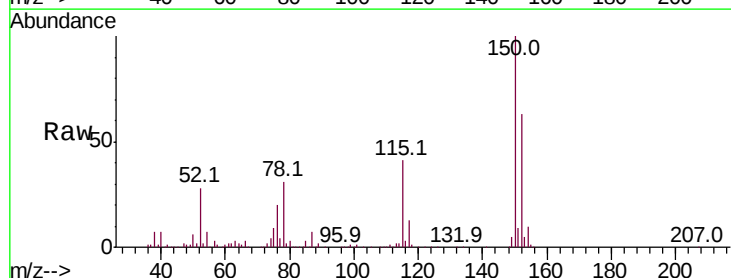
Tgt Ion:152 Resp: 193032

Ion Ratio Lower Upper

152 100

115 66.0 32.2 96.6

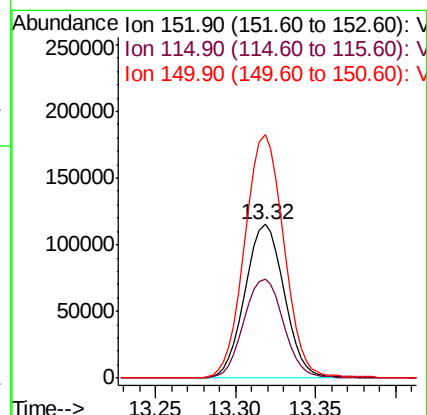
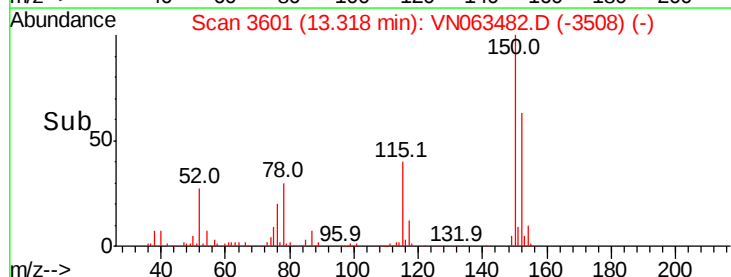
150 158.7 0.0 343.4

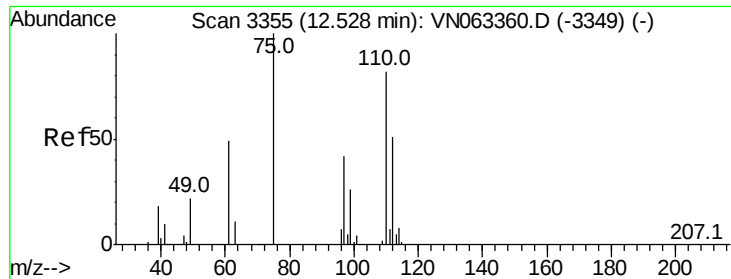


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.779 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

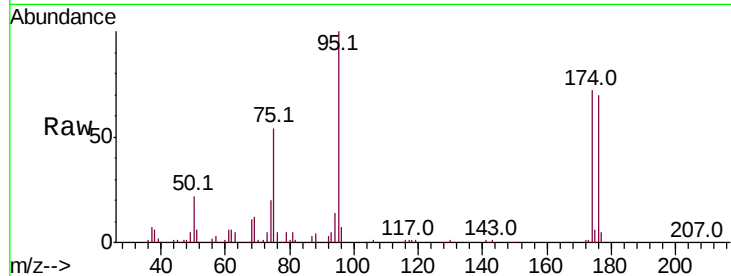
16718DL

Tot Ion: 75 Resp: 123168

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

80000

60000

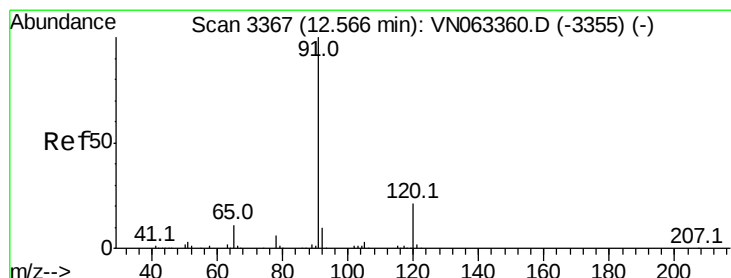
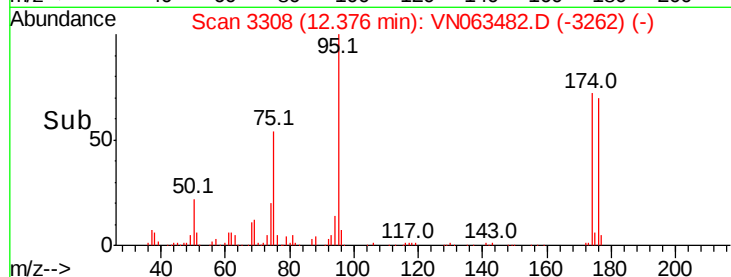
40000

20000

0

12.30 12.40

Time-->



#78

n-propylbenzene

Concen: 0.440 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063482.D

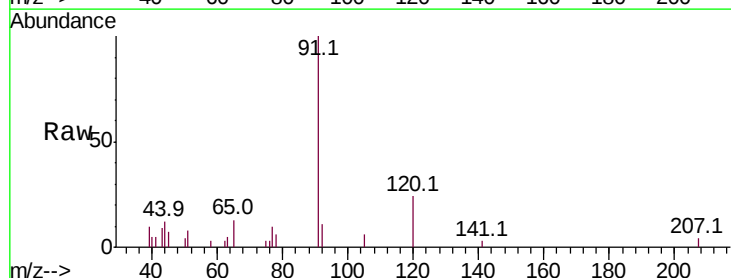
Acq: 21 Sep 2020 13:46

Tgt Ion: 91 Resp: 7932

Ion Ratio Lower Upper

91 100

120 24.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.57

5000

4000

3000

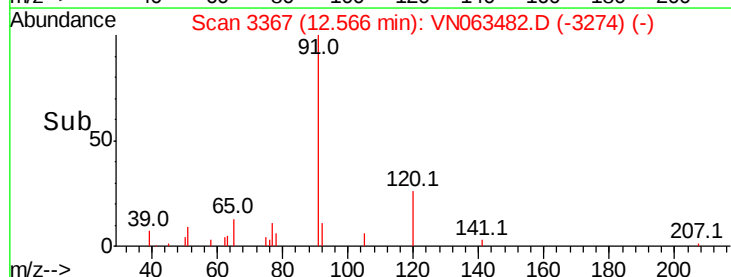
2000

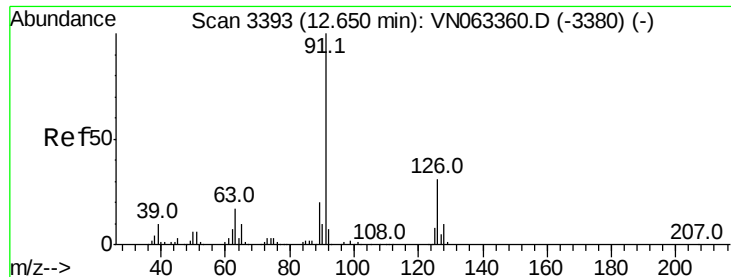
1000

0

12.50 12.55 12.60

Time-->

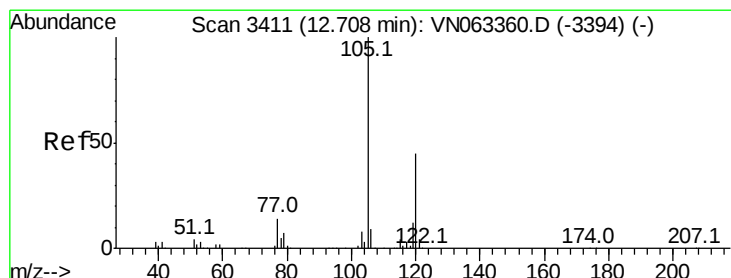
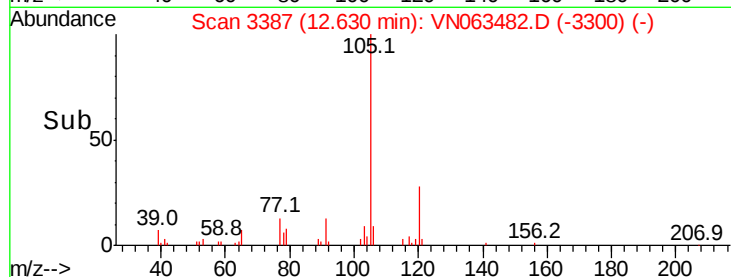
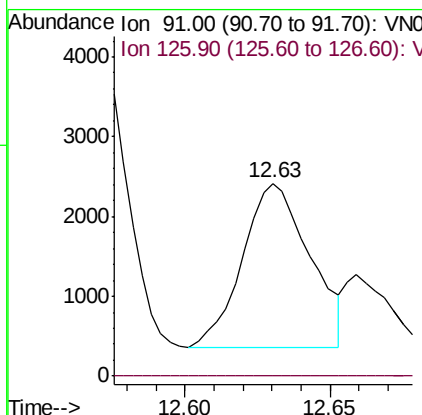
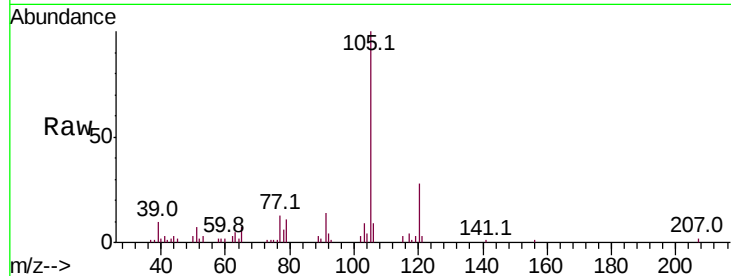




#79
 2-Chlorotoluene
 Concen: 0.306 ug/l
 RT: 12.63 min Scan# 3387
 Delta R.T. -0.02 min
 Lab File: VN063482.D
 Acq: 21 Sep 2020 13:46

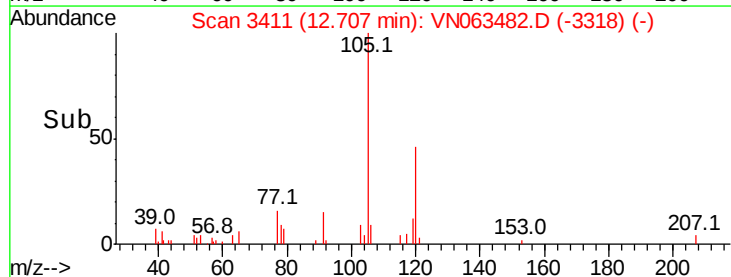
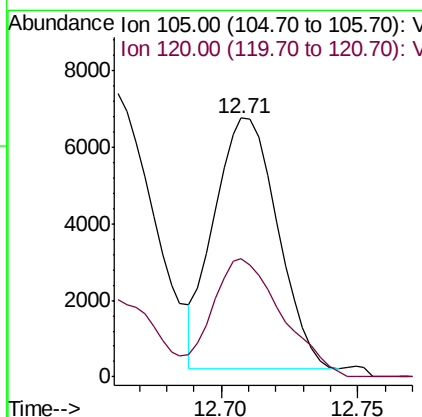
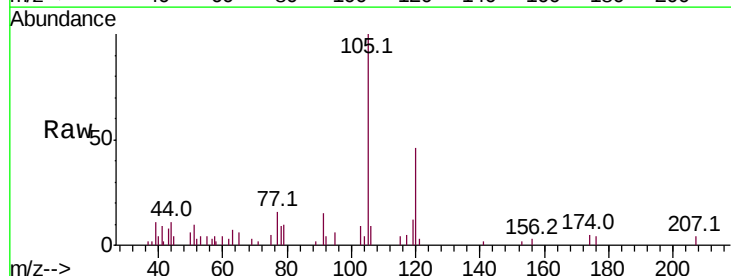
Instrument :
 MSVOA_N
 ClientSampleId :
 16718DL

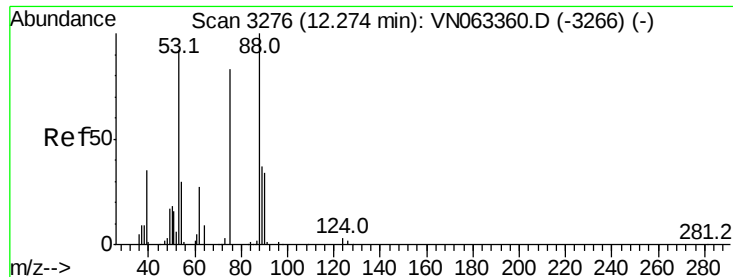
Tot Ion: 91 Resp: 3310
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.824 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063482.D
 Acq: 21 Sep 2020 13:46

Tgt Ion: 105 Resp: 10630
 Ion Ratio Lower Upper
 105 100
 120 52.1 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 70.677 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

16718DL

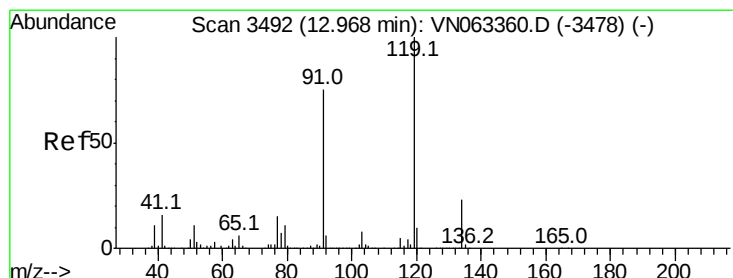
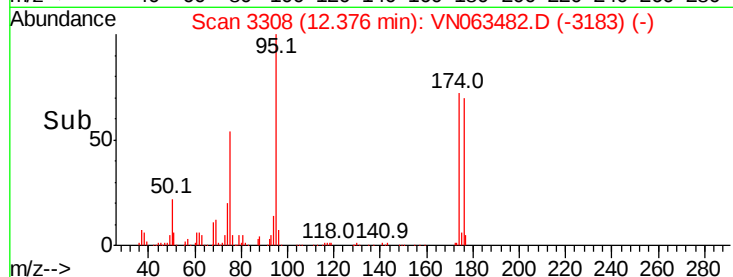
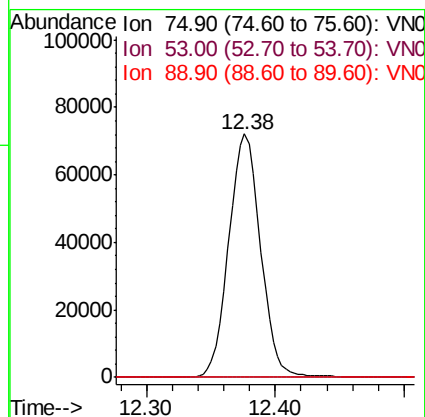
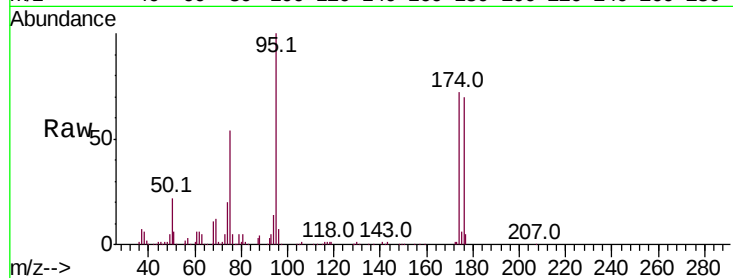
Tot Ion: 75 Resp: 123168

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

89 0.0 38.0 57.0#



#83

tert-Butylbenzene

Concen: 0.631 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.04 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

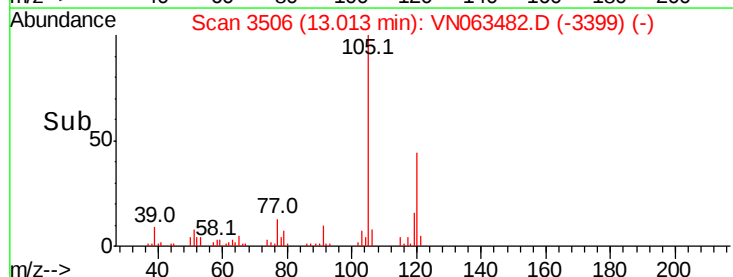
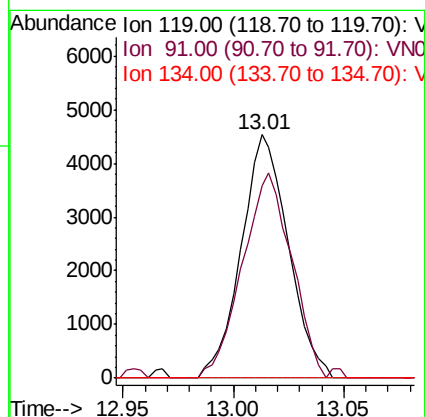
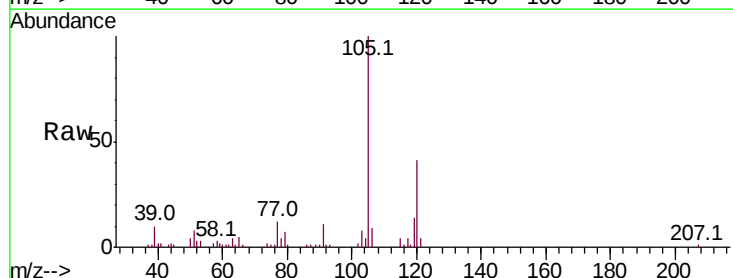
Tgt Ion: 119 Resp: 6715

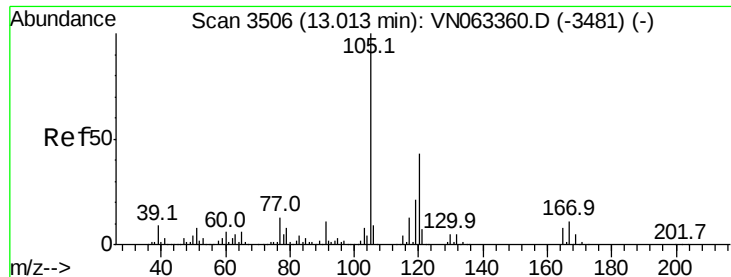
Ion Ratio Lower Upper

119 100

91 87.6 36.3 108.9

134 0.0 12.3 36.8#





#84

1,2,4-Trimethylbenzene

Concen: 3.960 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

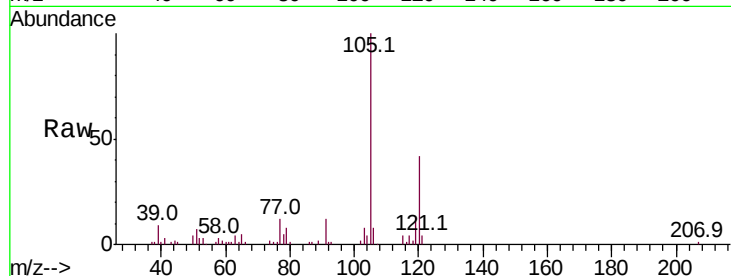
16718DL

Tot Ion:105 Resp: 51597

Ion Ratio Lower Upper

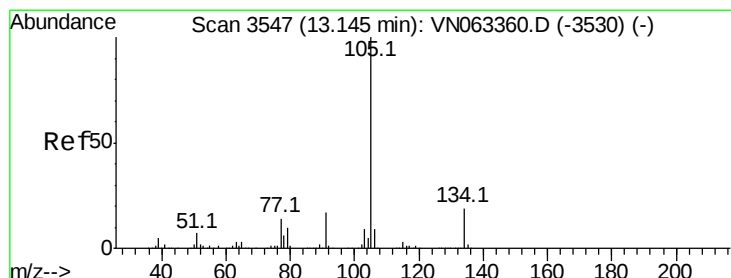
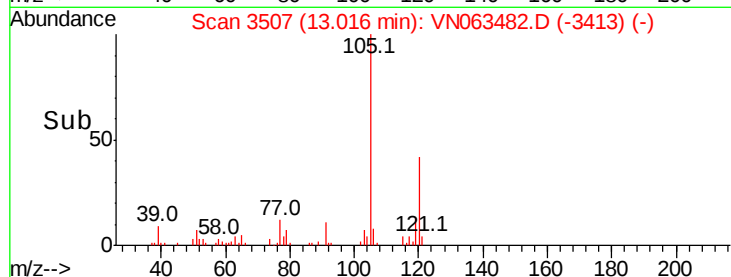
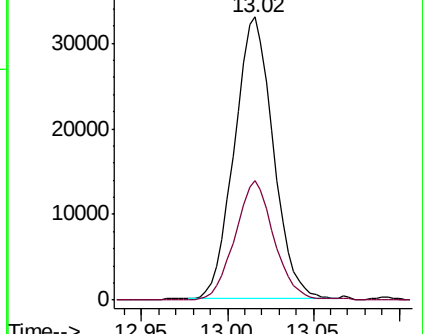
105 100

120 42.2 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 3.621 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.13 min

Lab File: VN063482.D

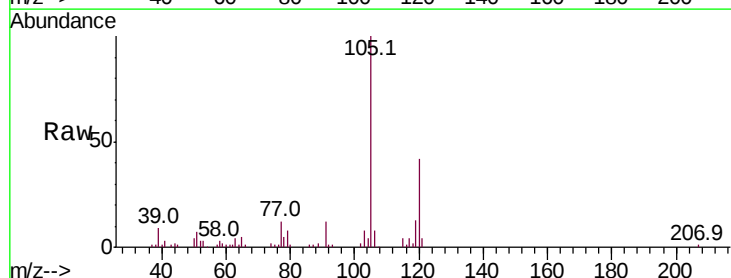
Acq: 21 Sep 2020 13:46

Tgt Ion:105 Resp: 51597

Ion Ratio Lower Upper

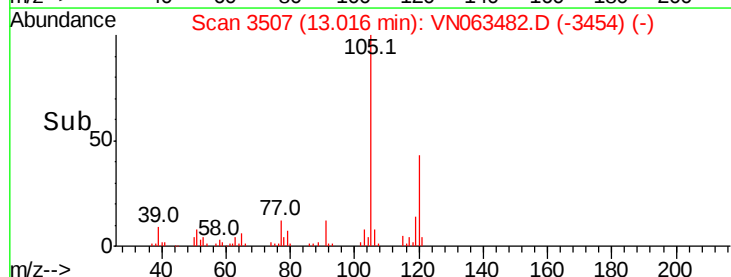
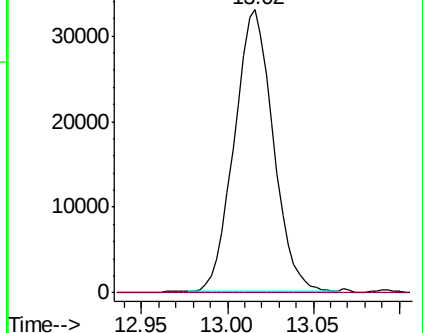
105 100

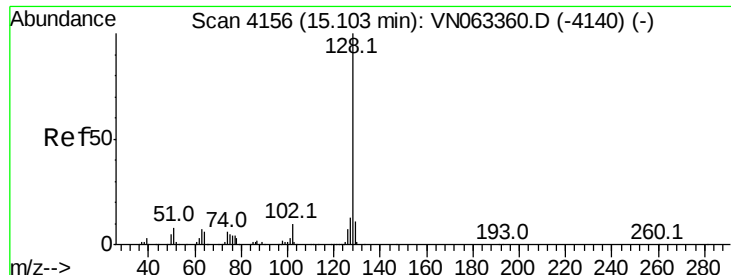
134 0.0 9.3 27.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 1.700 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063482.D

Acq: 21 Sep 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

16718DL

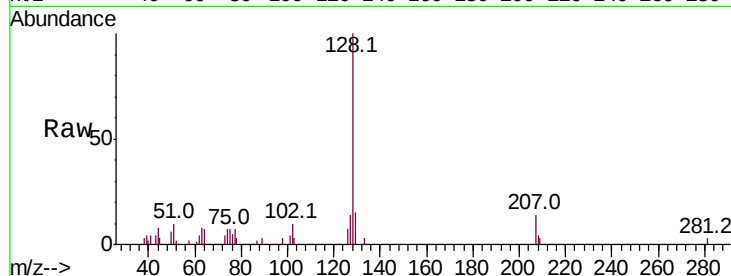
Tot Ion:128 Resp: 20971

Ion Ratio Lower Upper

128 100

127 14.5 10.6 15.8

129 12.6 8.8 13.2



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

