

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063494.D
 Acq On : 21 Sep 2020 18:32
 Operator : JC/MD
 Sample : L4033-19
 Misc : 5.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 51-53ME

Quant Time: Sep 22 02:27:03 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	255687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	470002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	453918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212625	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	199373	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.55	113	146186	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
50) Toluene-d8	10.06	98	601203	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.38	95	235922	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.77	59	607	1.007	ug/l #	72
13) Acrolein	3.71	56	183	0.819	ug/l #	13
16) Acetone	3.78	43	22566	16.132	ug/l	91
17) Carbon Disulfide	3.99	76	14990	1.786	ug/l #	92
18) Methyl Acetate	4.28	43	16461	4.636	ug/l	100
20) Methylene Chloride	4.48	84	753	0.212	ug/l #	52
25) 2-Butanone	6.79	43	5787	2.690	ug/l	91
31) Cyclohexane	7.61	56	27896	4.641	ug/l #	83
36) 1,1-Dichloropropene	7.62	75	23573	4.708	ug/l #	51
38) Carbon Tetrachloride	7.62	117	27849	5.448	ug/l #	17
39) Methylcyclohexane	9.04	83	51660	9.506	ug/l	96
40) Benzene	8.00	78	328565	22.987	ug/l	100
48) Methyl methacrylate	9.11	41	1675	0.388	ug/l #	63
51) 4-Methyl-2-Pentanone	9.96	43	8304	1.688	ug/l	97
52) Toluene	10.13	92	408023	47.478	ug/l	99
53) t-1,3-Dichloropropene	10.22	75	3660	0.617	ug/l #	43
55) 1,1,2-Trichloroethane	10.50	97	6606	1.935	ug/l #	20
56) Ethyl methacrylate	10.41	69	2904	0.545	ug/l #	9
59) 2-Hexanone	10.69	43	12250	3.437	ug/l #	29
67) Ethyl Benzene	11.48	91	164665	9.075	ug/l	98
68) m/p-Xylenes	11.59	106	272513	41.654	ug/l	98
69) o-Xylene	11.92	106	101696	16.318	ug/l	98
70) Styrene	11.94	104	22366	2.140	ug/l #	23
73) Isopropylbenzene	12.23	105	15201	0.892	ug/l	99
74) N-amyl acetate	12.02	43	7768	0.963	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.43	83	1065	0.202	ug/l #	51
76) 1,2,3-Trichloropropane	12.38	75	129176	24.545	ug/l #	100
78) n-propylbenzene	12.57	91	37355	1.882	ug/l	99
79) 2-Chlorotoluene	12.67	91	4179	0.351	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	77956	5.487	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	129176	67.294	ug/l #	7
82) 4-Chlorotoluene	12.71	91	9661	0.769	ug/l #	44
83) tert-Butylbenzene	12.97	119	2605	0.222	ug/l	94
84) 1,2,4-Trimethylbenzene	13.02	105	158685	11.057	ug/l	100

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

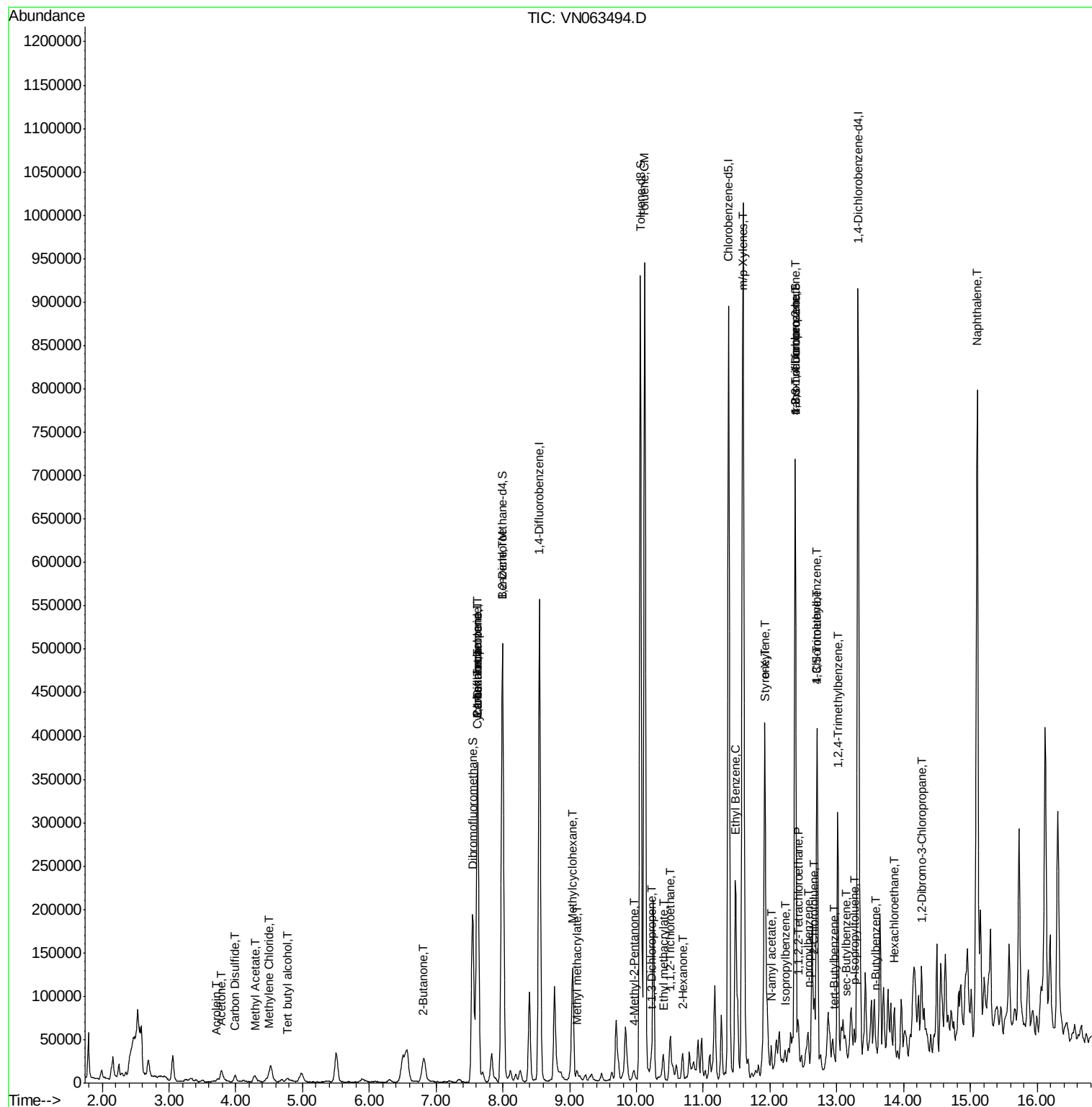
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.14	105	8676	0.553	ug/l #	62
86) p-Isopropyltoluene	13.26	119	10593	0.765	ug/l	97
89) n-Butylbenzene	13.59	91	10254	0.804	ug/l #	79
90) Hexachloroethane	13.86	117	2751	1.044	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.26	75	726	0.578	ug/l #	14
95) Naphthalene	15.10	128	595467	43.836	ug/l	99

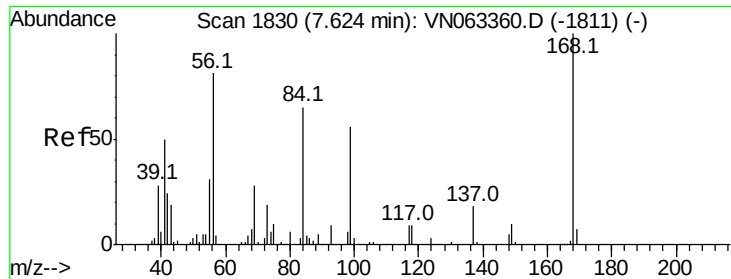
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063494.D
Acq On : 21 Sep 2020 18:32
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

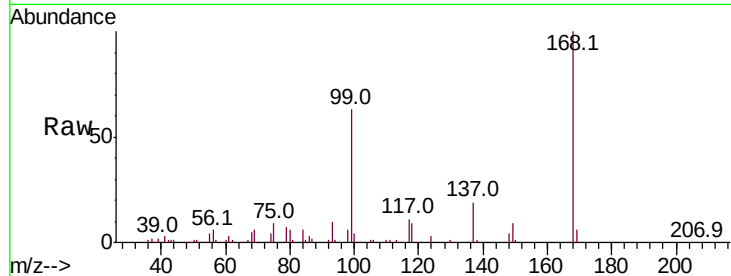
51-53ME

Tot Ion:168 Resp: 255687

Ion Ratio Lower Upper

168 100

99 62.6 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

120000

100000

80000

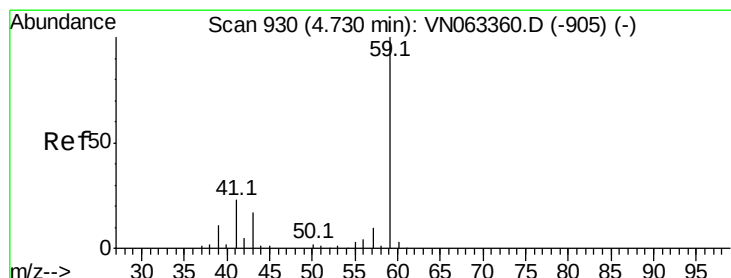
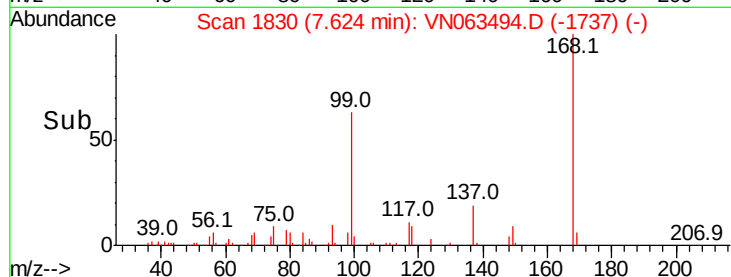
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 1.007 ug/l

RT: 4.77 min Scan# 941

Delta R.T. 0.04 min

Lab File: VN063494.D

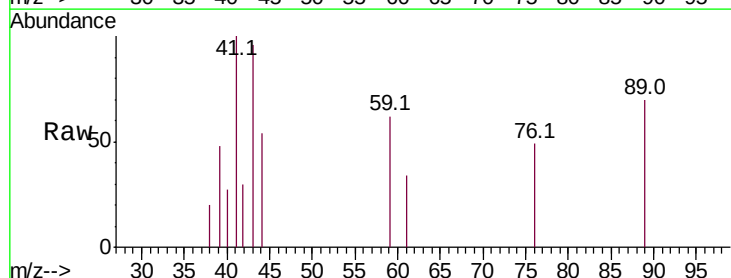
Acq: 21 Sep 2020 18:32

Tgt Ion: 59 Resp: 607

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

4.77

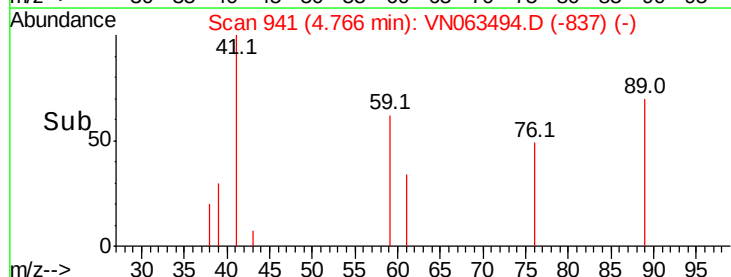
600

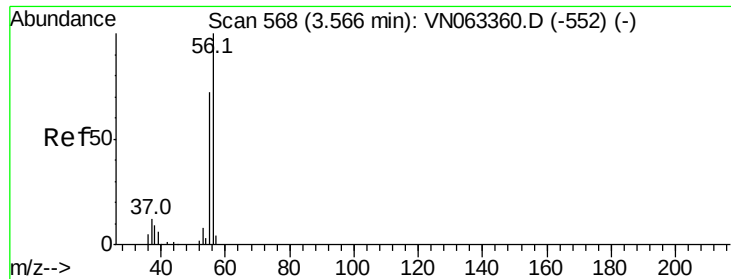
400

200

0

Time--> 4.72 4.74 4.76 4.78





#13

Acrolein

Concen: 0.819 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.15 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

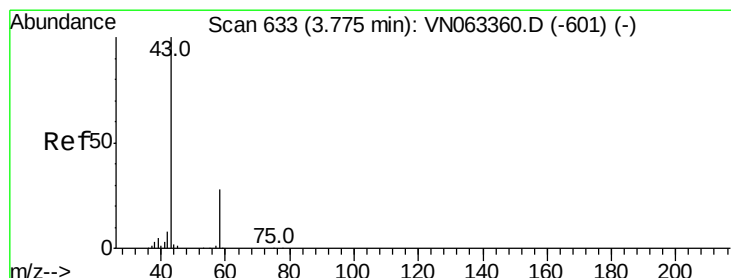
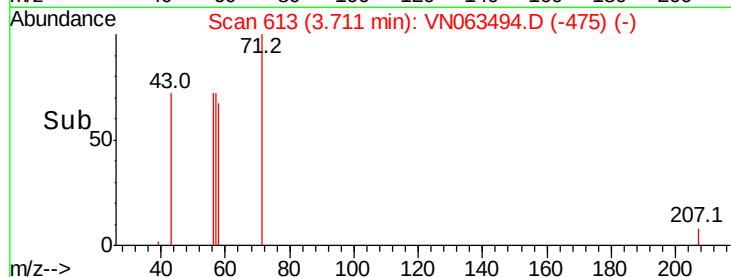
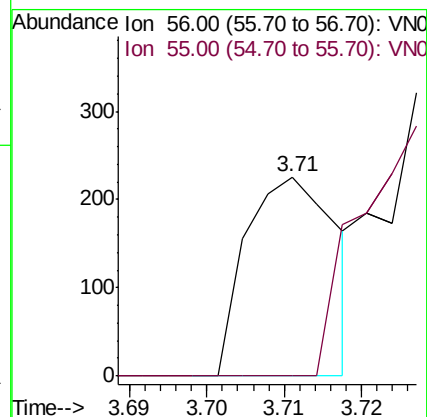
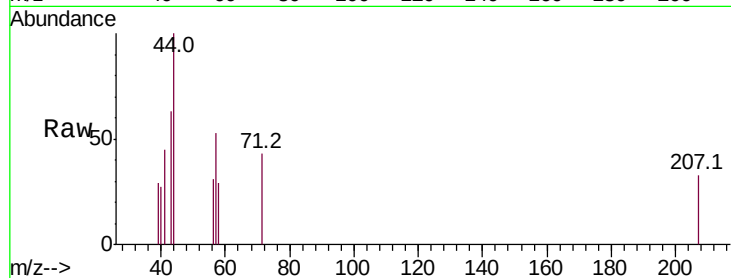
51-53ME

Tot Ion: 56 Resp: 183

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.2#



#16

Acetone

Concen: 16.132 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063494.D

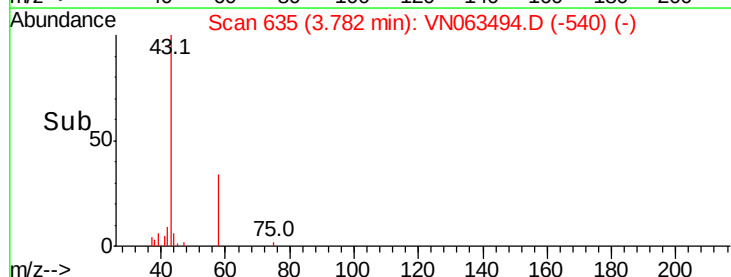
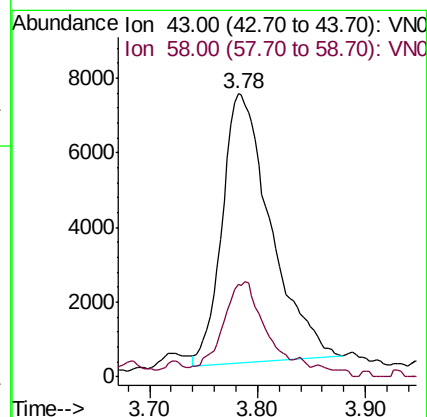
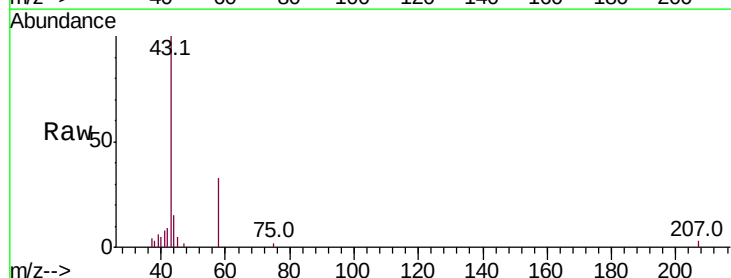
Acq: 21 Sep 2020 18:32

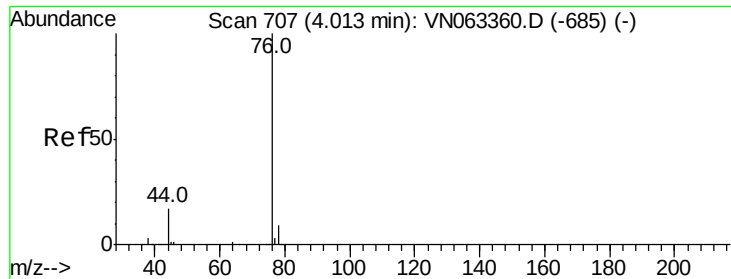
Tgt Ion: 43 Resp: 22566

Ion Ratio Lower Upper

43 100

58 32.8 22.3 33.5

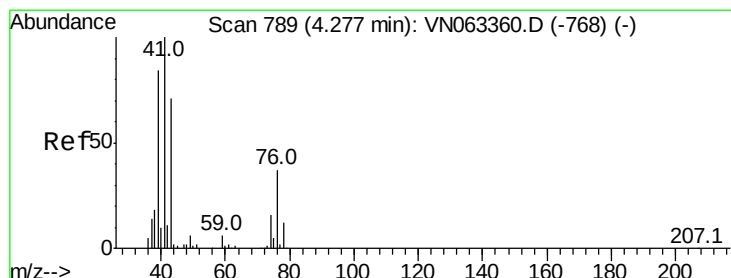
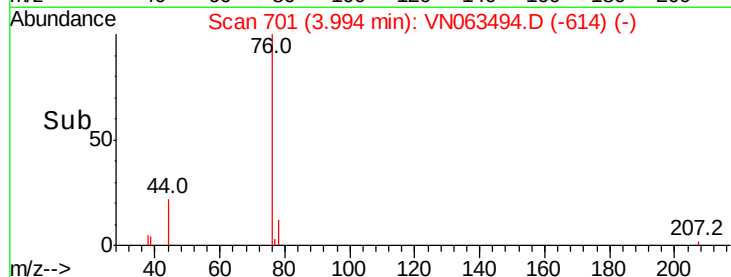
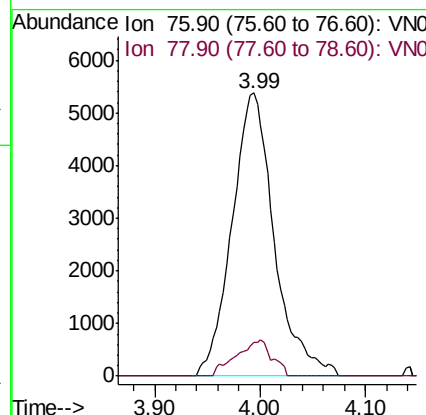
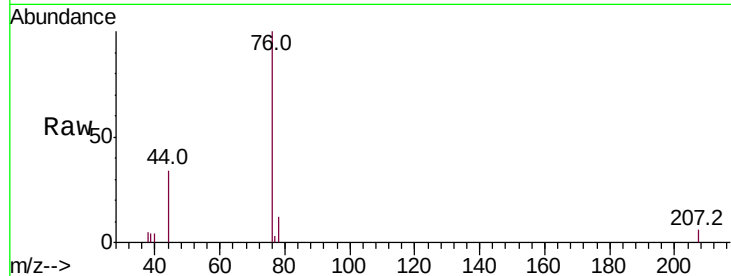




#17
Carbon Disulfide
Concen: 1.786 ug/l
RT: 3.99 min Scan# 701
Delta R.T. -0.02 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

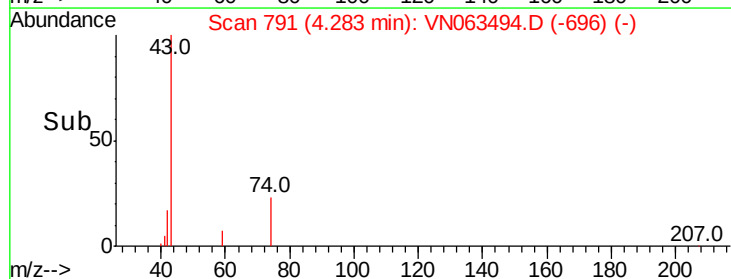
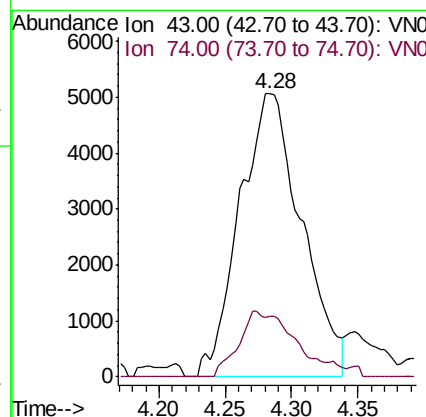
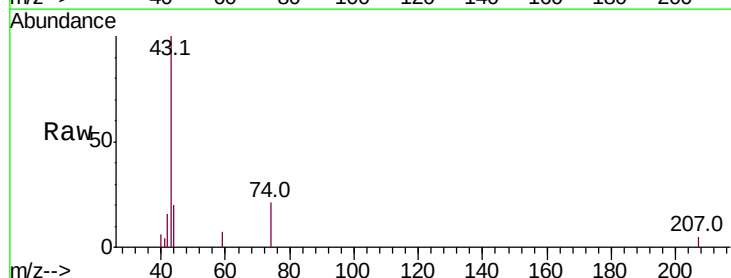
Instrument :
MSVOA_N
ClientSampleId :
51-53ME

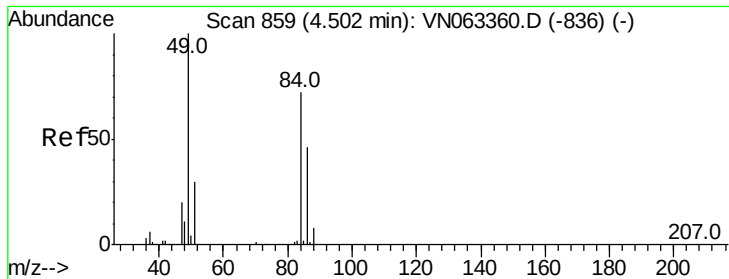
Tot Ion: 76 Resp: 14990
Ion Ratio Lower Upper
76 100
78 11.7 7.2 10.8#



#18
Methyl Acetate
Concen: 4.636 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion: 43 Resp: 16461
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.2

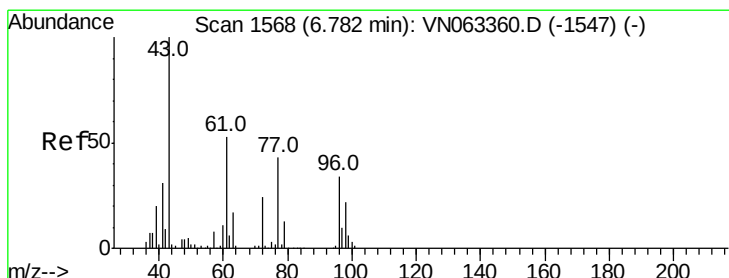
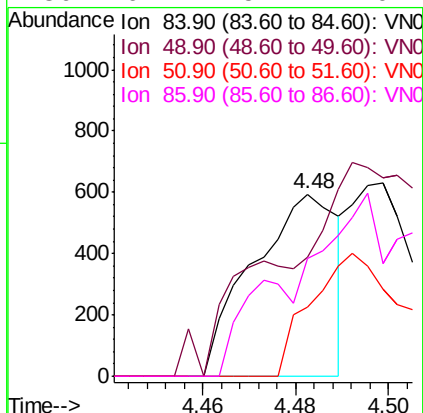
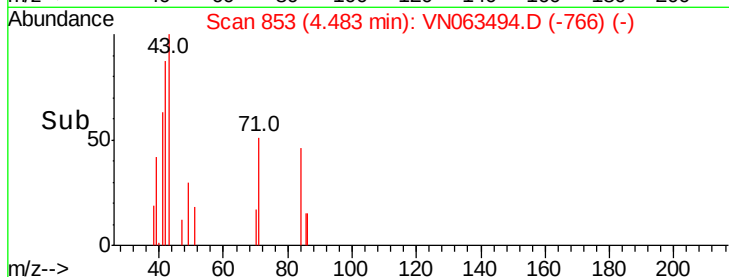
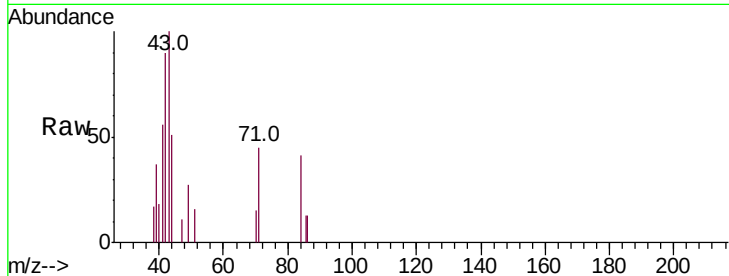




#20
Methvlene Chloride
Concen: 0.212 ug/l
RT: 4.48 min Scan# 853
Delta R.T. -0.02 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

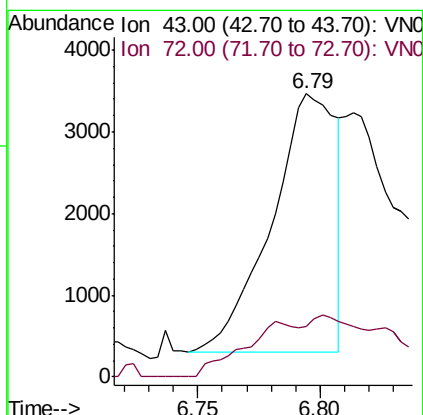
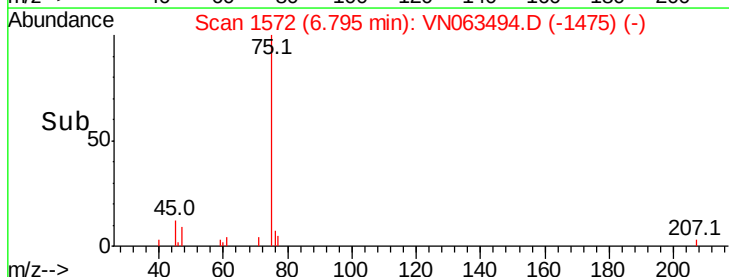
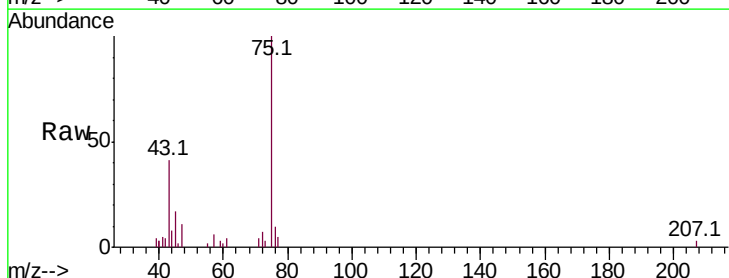
Instrument :
MSVOA_N
ClientSampled :
51-53ME

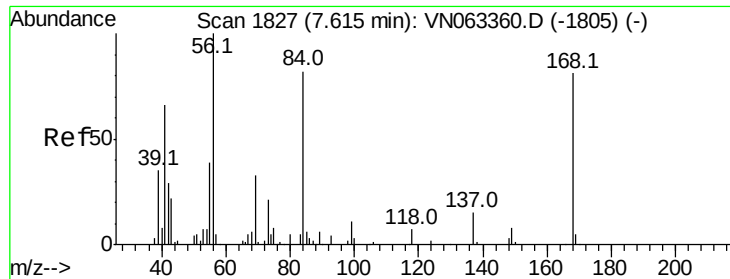
Tot Ion: 84 Resp: 753
Ion Ratio Lower Upper
84 100
49 39.0 110.7 166.1#
51 38.2 32.9 49.3
86 64.4 51.1 76.7



#25
2-Butanone
Concen: 2.690 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion: 43 Resp: 5787
Ion Ratio Lower Upper
43 100
72 19.7 19.2 28.8

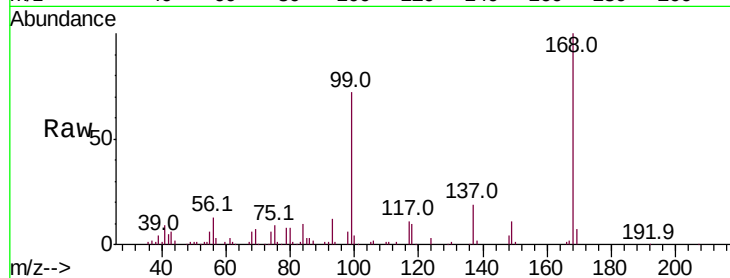




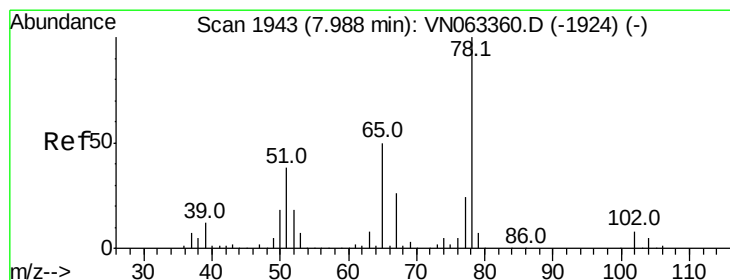
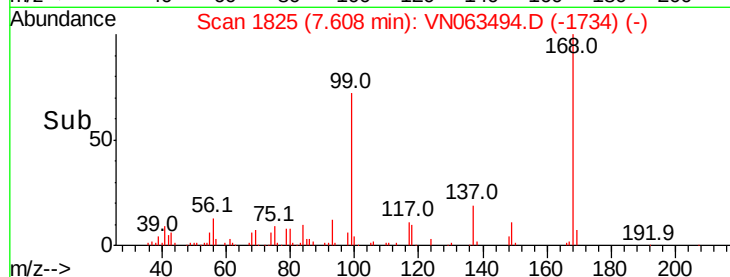
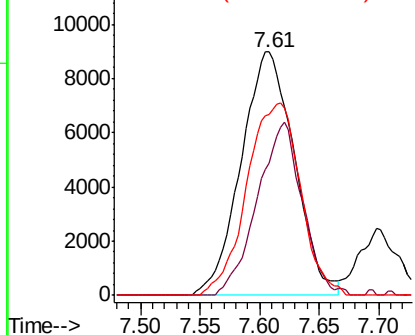
#31
Cyclohexane
Concen: 4.641 ug/l
RT: 7.61 min Scan# 1825
Delta R.T. -0.01 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Instrument :
MSVOA_N
ClientSampleId :
51-53ME

Tot Ion: 56 Resp: 27896
Ion Ratio Lower Upper
56 100
69 54.3 26.1 39.1#
84 74.5 65.4 98.2

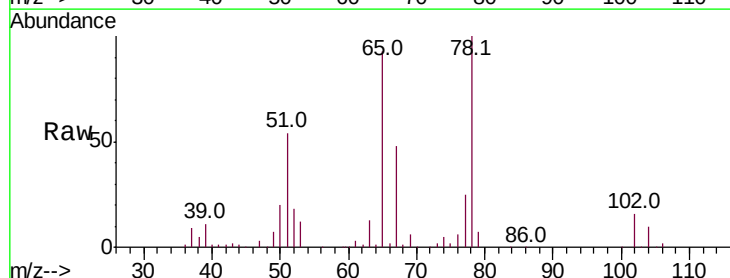


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

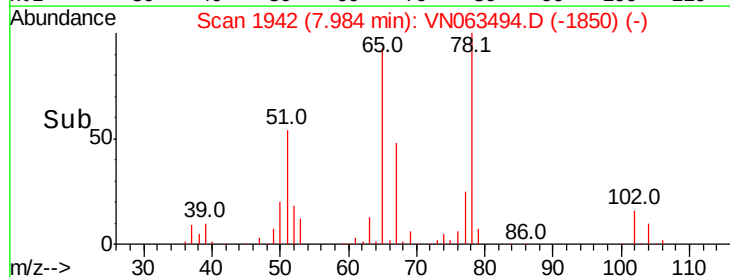
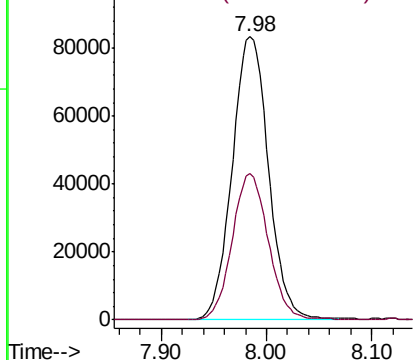


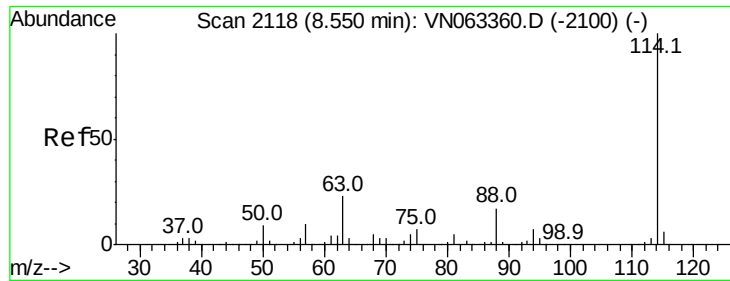
#33
1,2-Dichloroethane-d4
Concen: 45.807 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion: 65 Resp: 199373
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.2



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

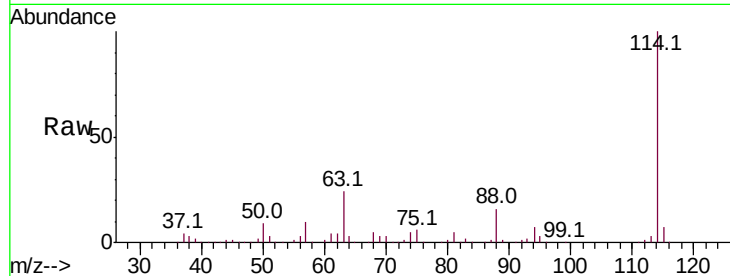




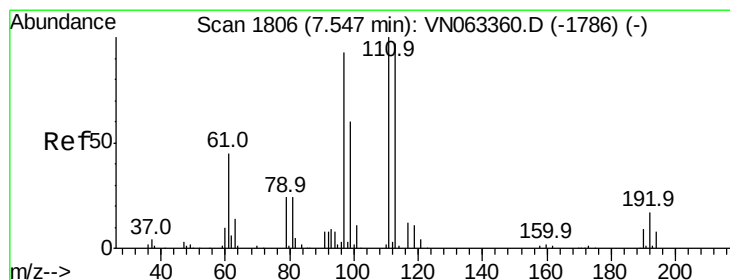
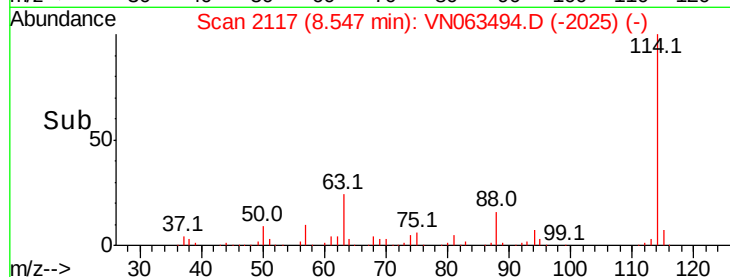
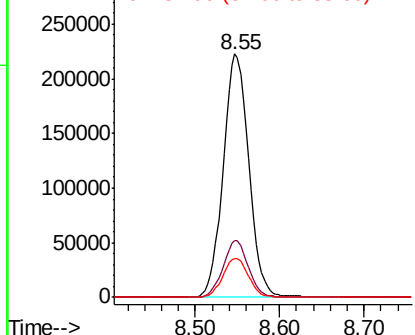
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063494.D
 Acq: 21 Sep 2020 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 51-53ME

Tot Ion:114 Resp: 470002
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.4
 88 16.1 0.0 33.2

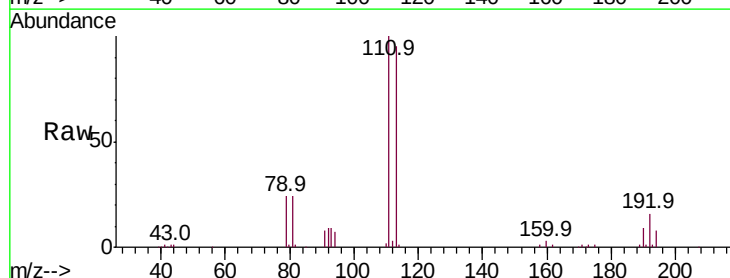


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

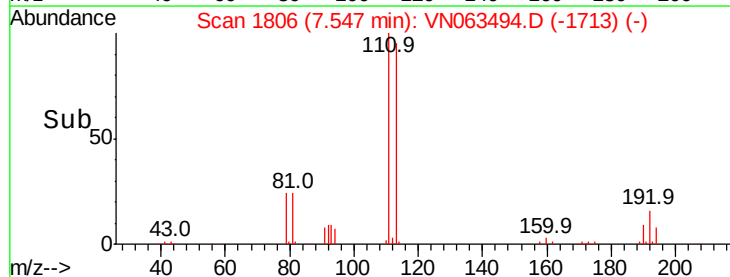
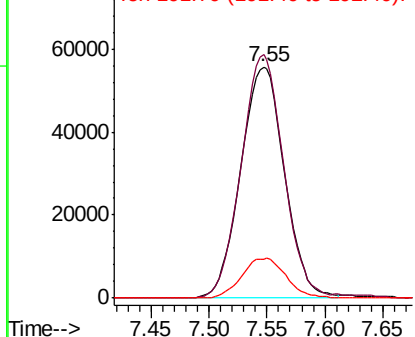


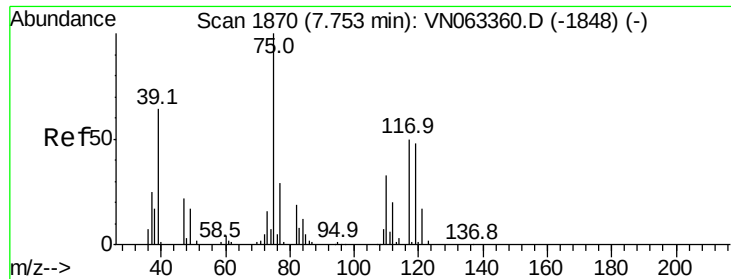
#35
 Dibromofluoromethane
 Concen: 44.929 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063494.D
 Acq: 21 Sep 2020 18:32

Tgt Ion:113 Resp: 146186
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 17.4 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.708 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

51-53ME

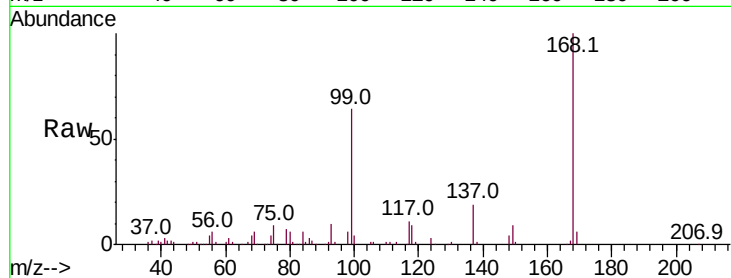
Tot Ion: 75 Resp: 23573

Ion Ratio Lower Upper

75 100

110 9.5 16.5 49.5#

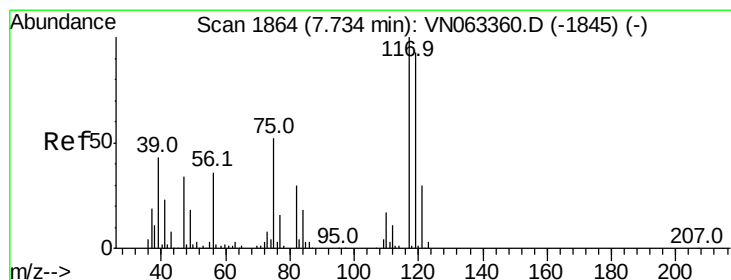
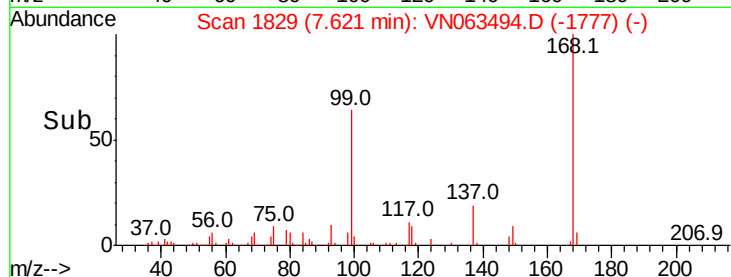
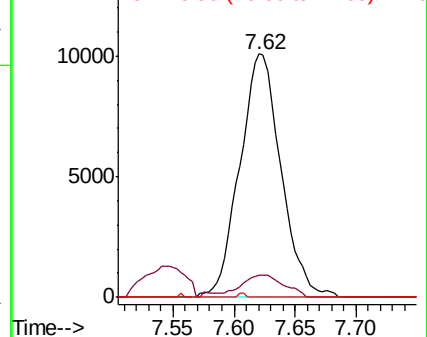
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN063360.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN063360.D (-1848) (-)



#38

Carbon Tetrachloride

Concen: 5.448 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.11 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

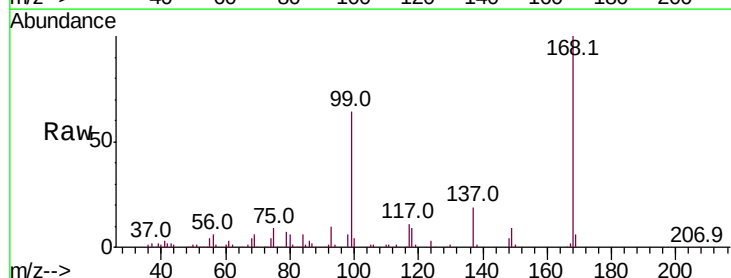
Tgt Ion: 117 Resp: 27849

Ion Ratio Lower Upper

117 100

119 4.8 74.5 111.7#

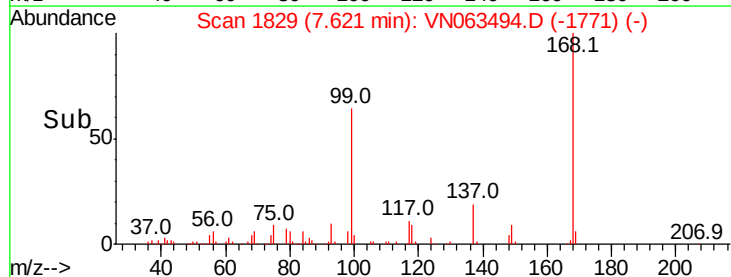
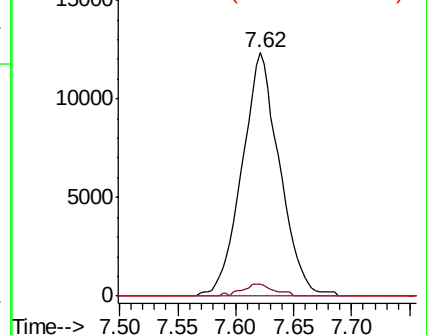
121 0.0 24.1 36.1#

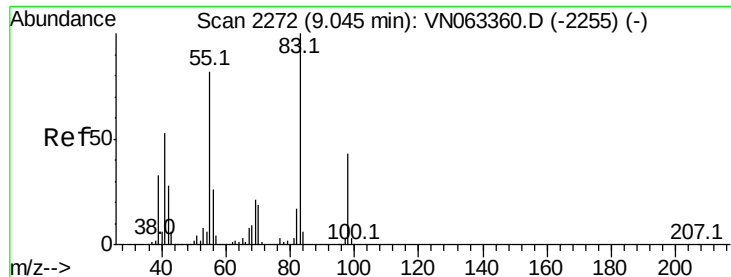


Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN063360.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063360.D (-1845) (-)

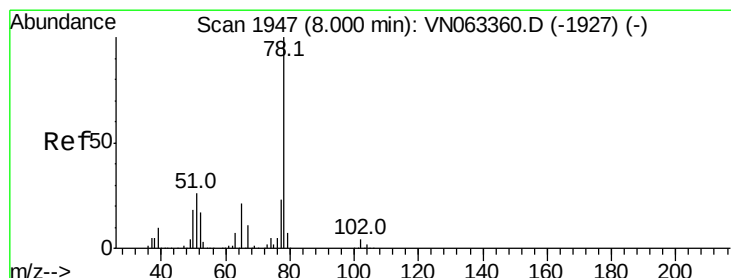
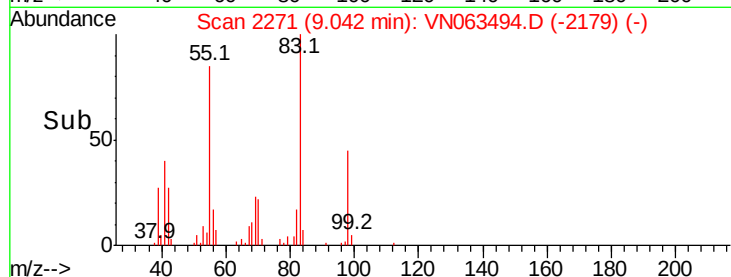
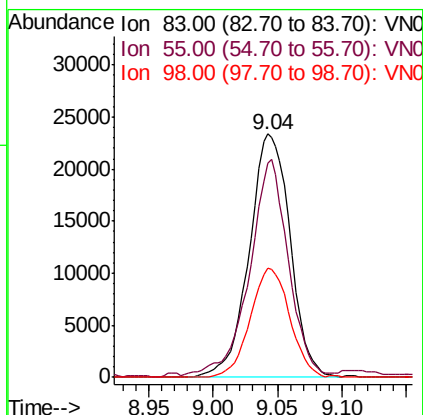
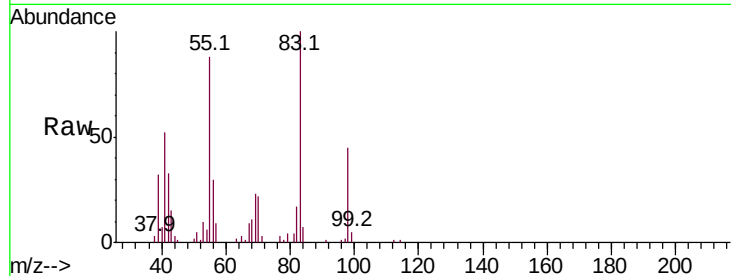




#39
Methylvlcyclohexane
Concen: 9.506 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

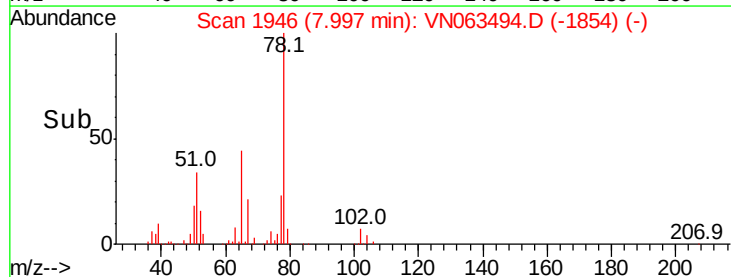
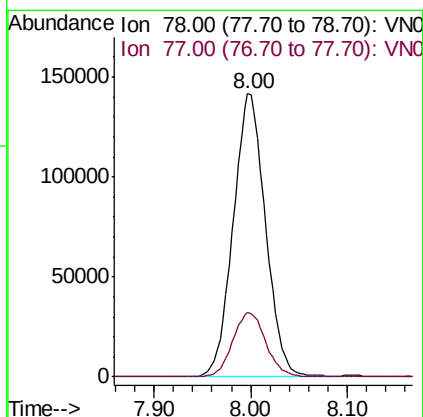
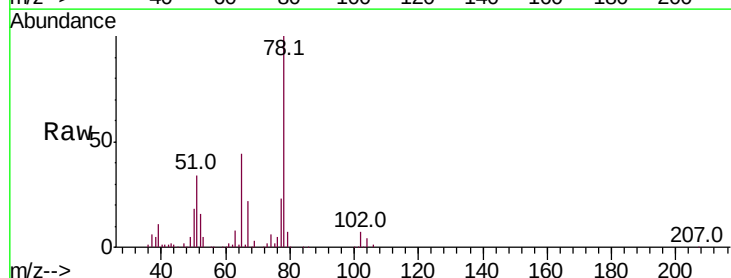
Instrument :
MSVOA_N
ClientSampled :
51-53ME

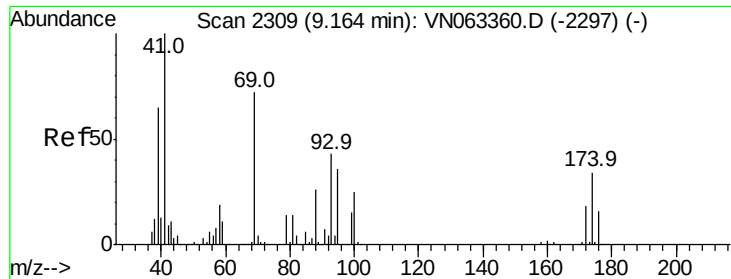
Tot Ion: 83 Resp: 51660
Ion Ratio Lower Upper
83 100
55 86.2 65.5 98.3
98 44.9 34.2 51.4



#40
Benzene
Concen: 22.987 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion: 78 Resp: 328565
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5

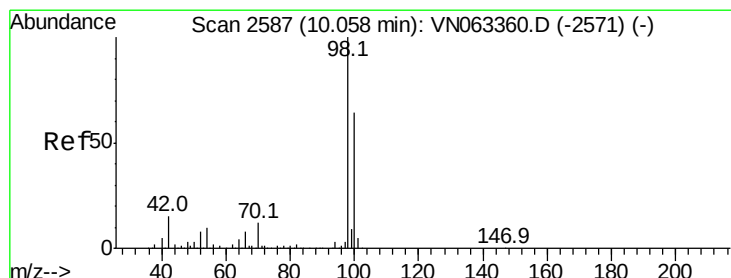
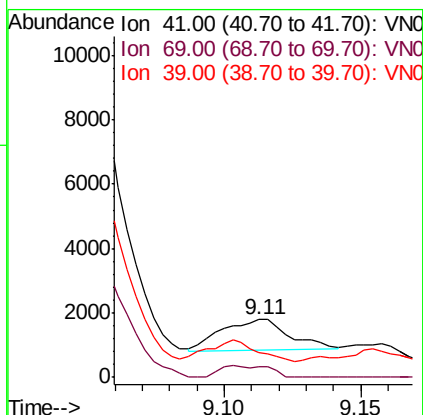
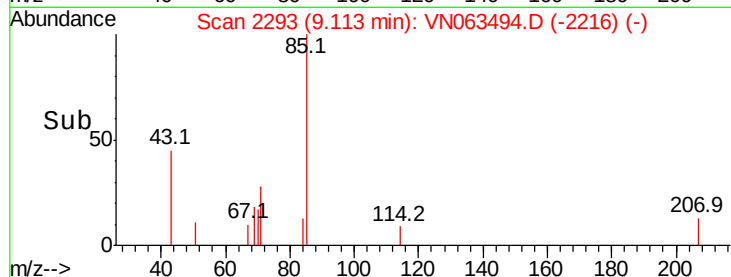
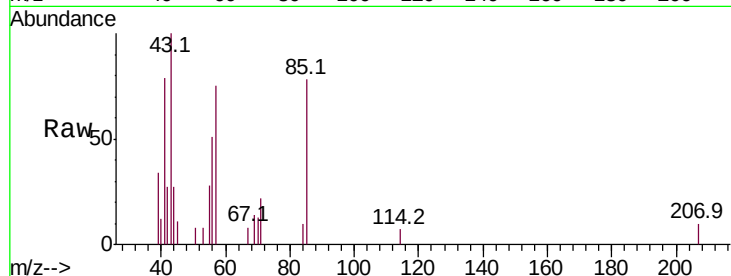




#48
Methvl methacrylate
Concen: 0.388 ug/l
RT: 9.11 min Scan# 2293
Delta R.T. -0.05 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

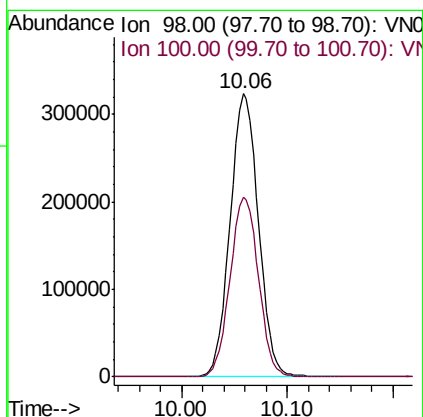
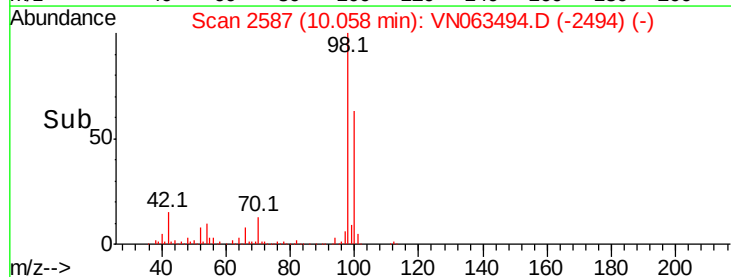
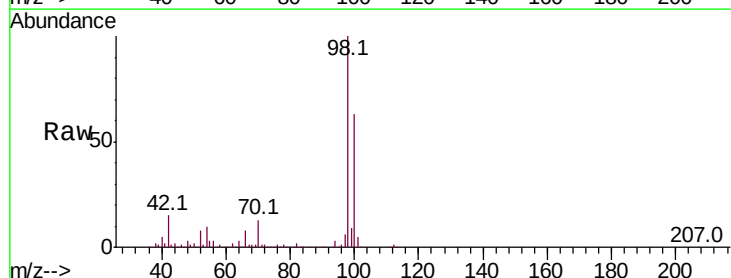
Instrument :
MSVOA_N
ClientSampled :
51-53ME

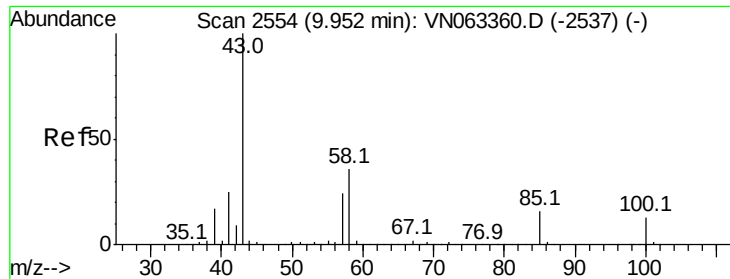
Tot Ion: 41 Resp: 1675
Ion Ratio Lower Upper
41 100
69 27.5 59.3 88.9#
39 52.7 52.9 79.3#



#50
Toluene-d8
Concen: 49.140 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion: 98 Resp: 601203
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 1.688 ug/l

RT: 9.96 min Scan# 2557

Delta R.T. 0.01 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

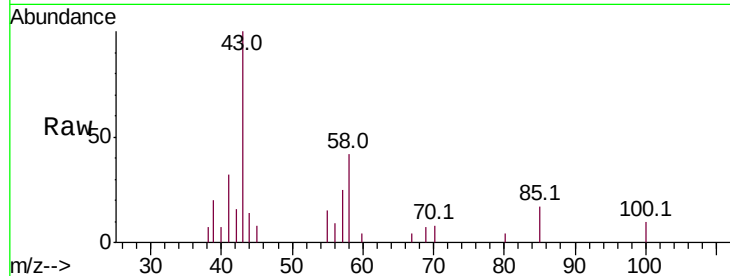
51-53ME

Tot Ion: 43 Resp: 8304

Ion Ratio Lower Upper

43 100

58 38.2 29.0 43.6

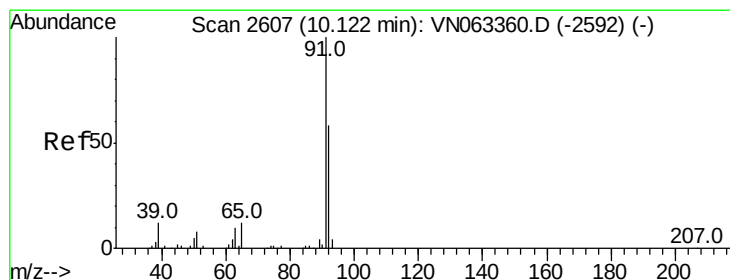
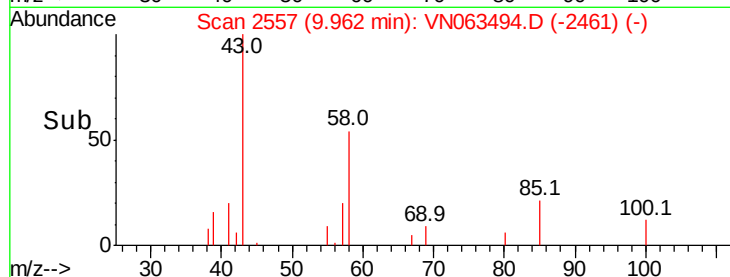


Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2537) (-)

9.96

Time-->



#52

Toluene

Concen: 47.478 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063494.D

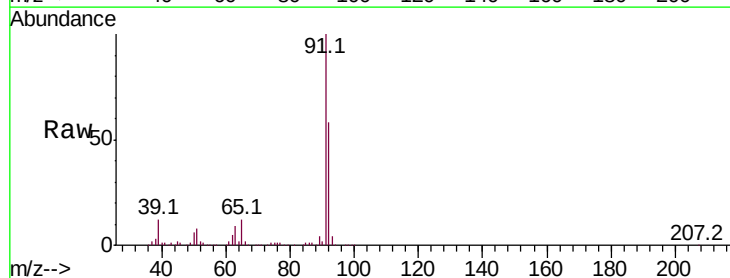
Acq: 21 Sep 2020 18:32

Tgt Ion: 92 Resp: 408023

Ion Ratio Lower Upper

92 100

91 173.1 139.7 209.5

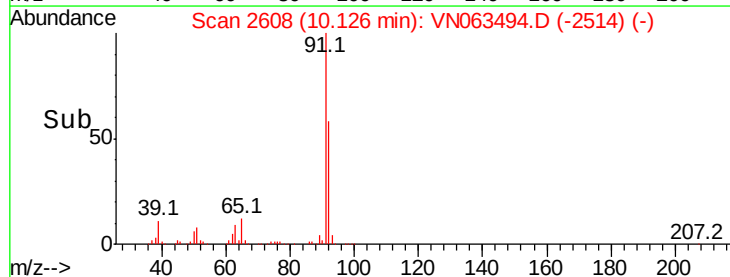


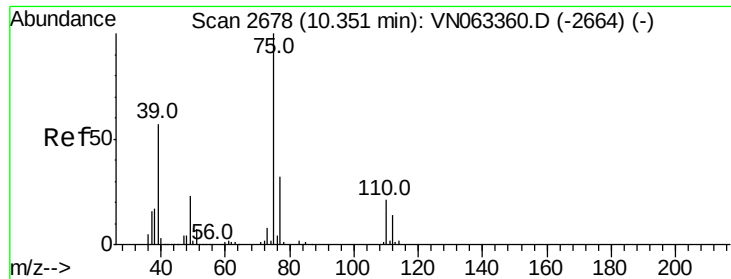
Abundance Ion 92.00 (91.70 to 92.70): VN063360.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-2592) (-)

10.13

Time-->





#53

t-1,3-Dichloropropene

Concen: 0.617 ug/l

RT: 10.22 min Scan# 2636

Delta R.T. -0.14 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

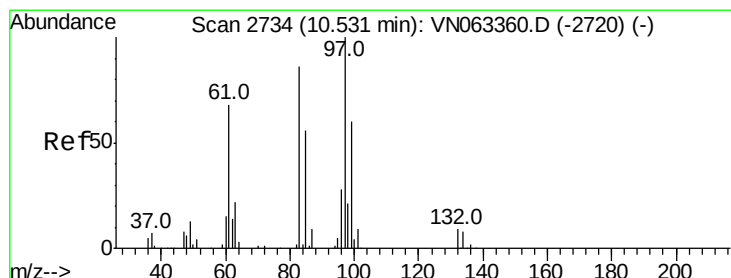
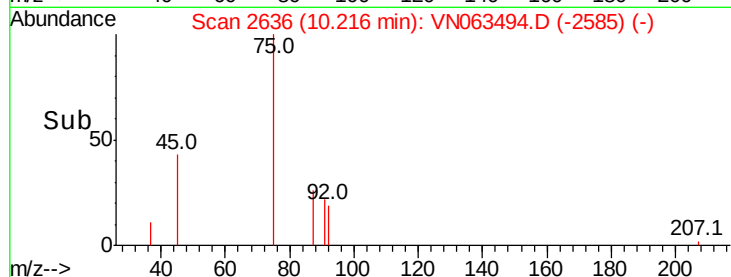
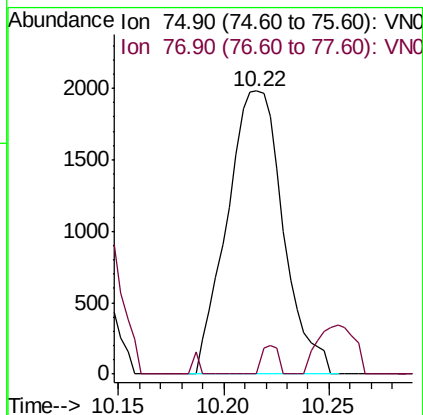
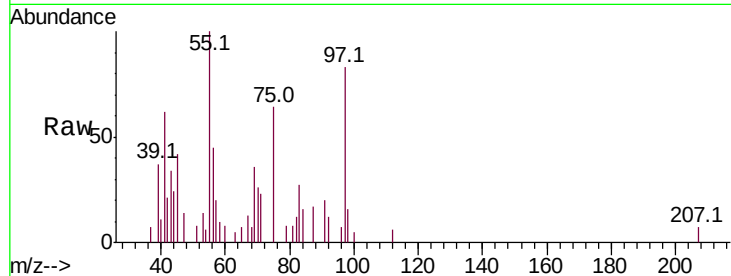
51-53ME

Tot Ion: 75 Resp: 3660

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#



#55

1,1,2-Trichloroethane

Concen: 1.935 ug/l

RT: 10.50 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Tgt Ion: 97 Resp: 6606

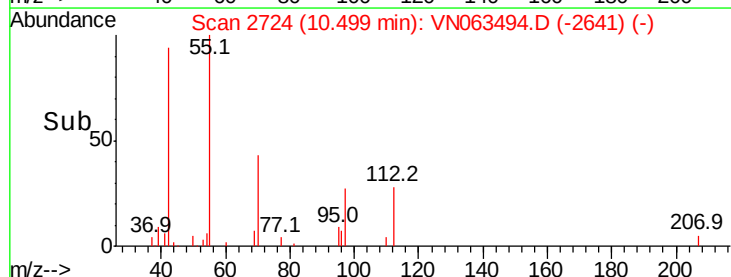
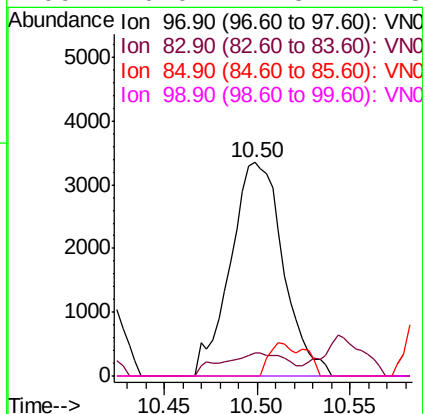
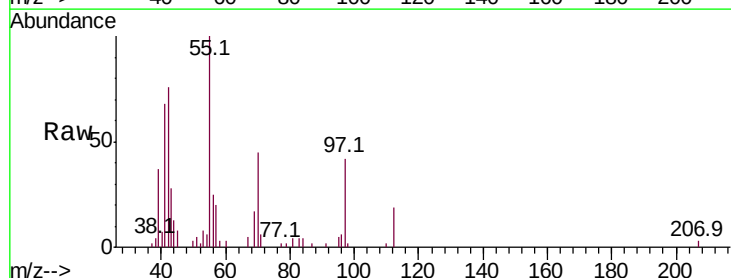
Ion Ratio Lower Upper

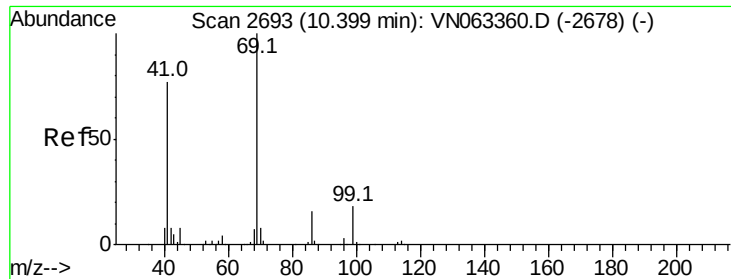
97 100

83 10.6 68.9 103.3#

85 0.0 44.8 67.2#

99 0.0 47.8 71.8#





#56

Ethyl methacrylate

Concen: 0.545 ug/l

RT: 10.41 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

51-53ME

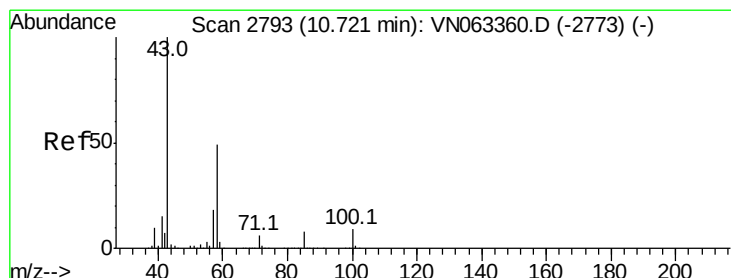
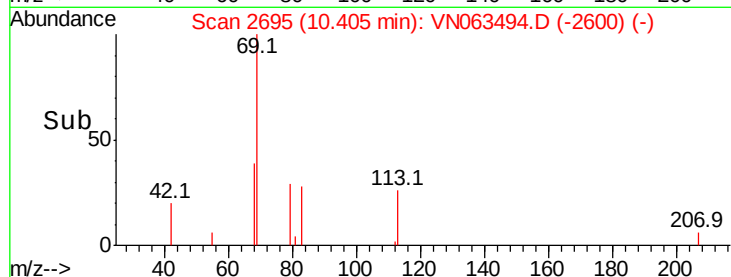
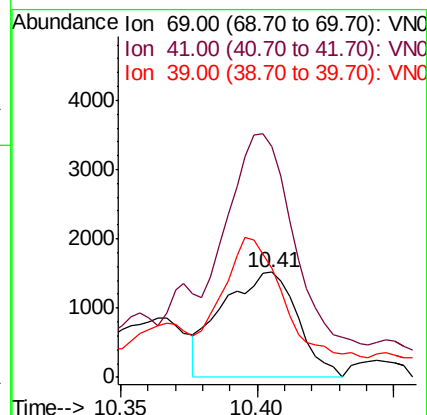
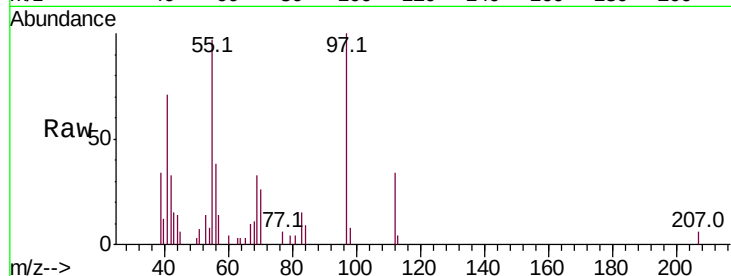
Tot Ion: 69 Resp: 2904

Ion Ratio Lower Upper

69 100

41 171.5 61.0 91.6#

39 90.0 39.2 58.8#



#59

2-Hexanone

Concen: 3.437 ug/l

RT: 10.69 min Scan# 2784

Delta R.T. -0.03 min

Lab File: VN063494.D

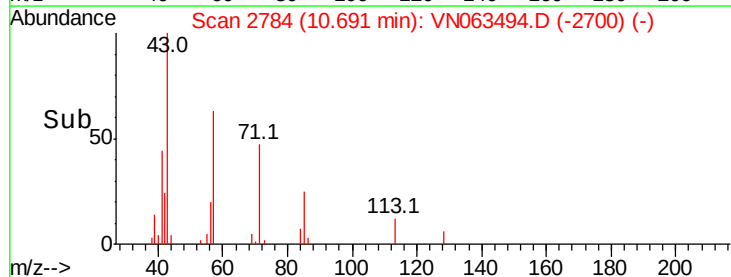
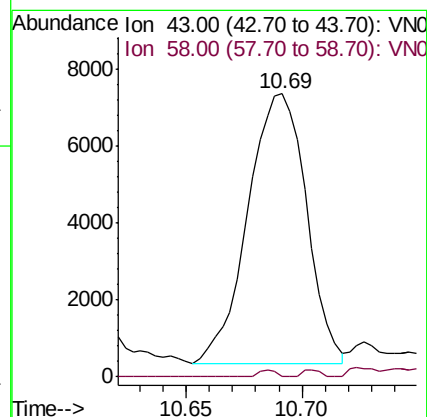
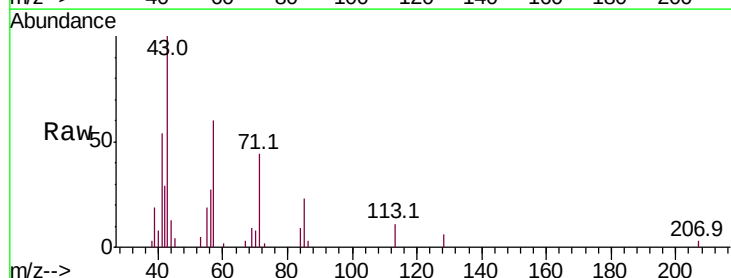
Acq: 21 Sep 2020 18:32

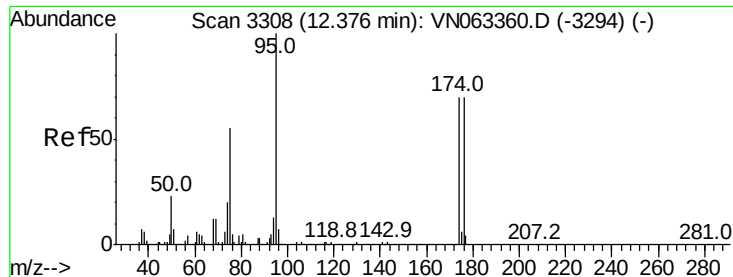
Tgt Ion: 43 Resp: 12250

Ion Ratio Lower Upper

43 100

58 0.8 24.7 74.1#





#62

4-Bromofluorobenzene

Concen: 52.603 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

51-53ME

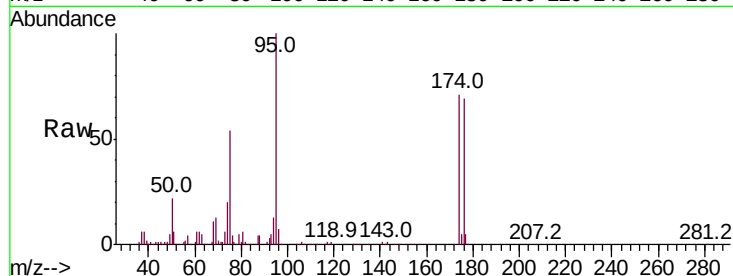
Tot Ion: 95 Resp: 235922

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.8

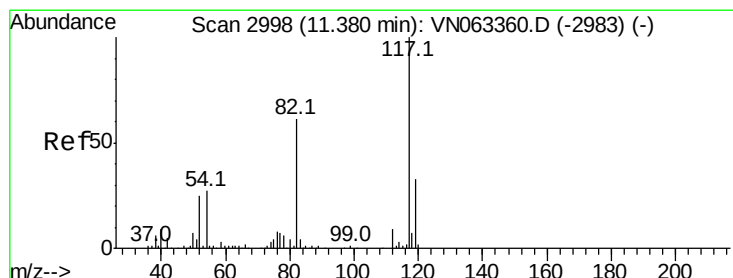
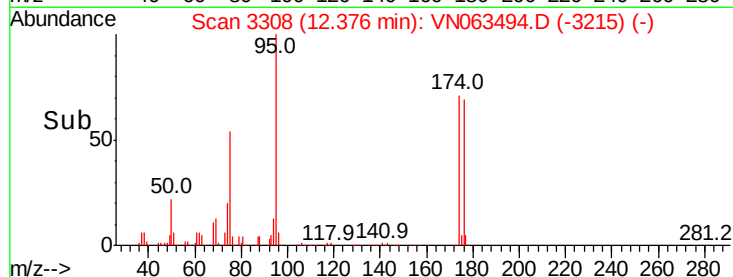
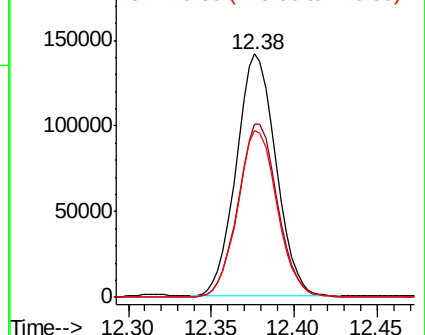
176 69.0 0.0 137.6



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: VN063494.D

Acq: 21 Sep 2020 18:32

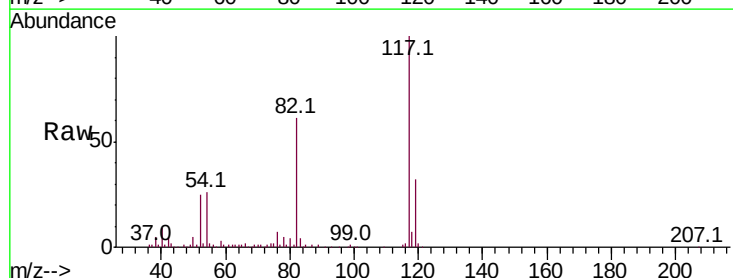
Tgt Ion: 117 Resp: 453918

Ion Ratio Lower Upper

117 100

82 60.8 49.2 73.8

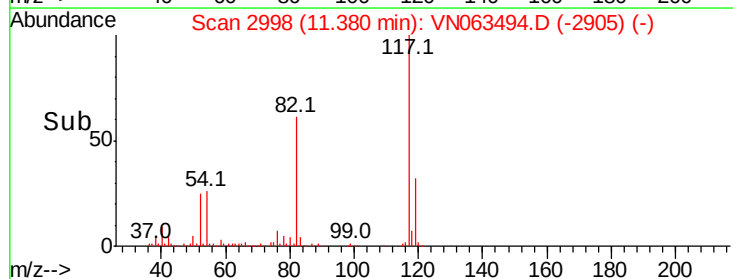
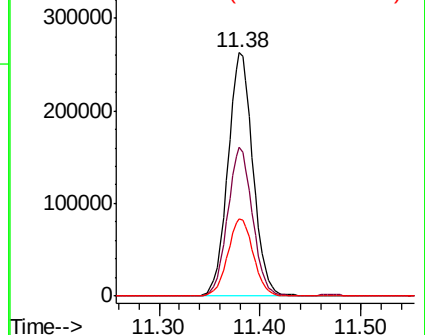
119 31.9 26.2 39.4

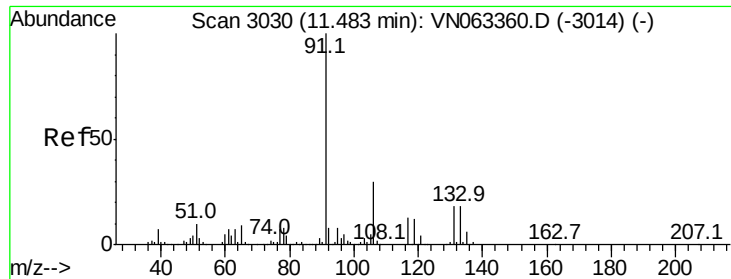


Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

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: 9.075 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

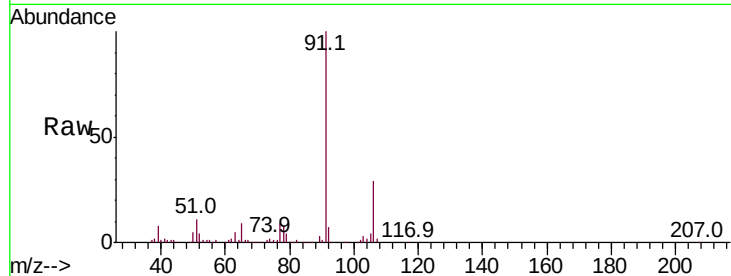
51-53ME

Tot Ion: 91 Resp: 164665

Ion Ratio Lower Upper

91 100

106 28.7 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3014) (-)

Ion 106.00 (105.70 to 106.70): VN063360.D (-3014) (-)

300000

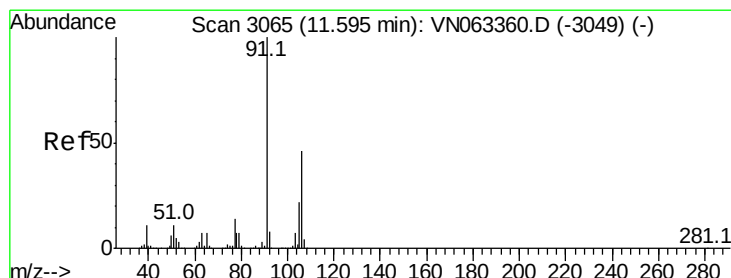
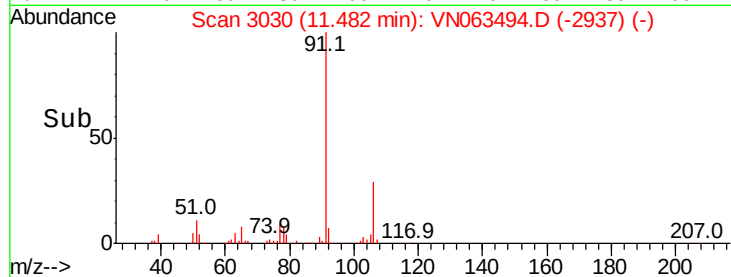
200000

100000

0

11.40 11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 41.654 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN063494.D

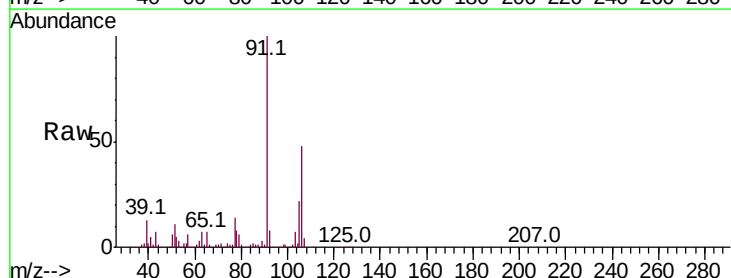
Acq: 21 Sep 2020 18:32

Tgt Ion: 106 Resp: 272513

Ion Ratio Lower Upper

106 100

91 211.3 171.2 256.8



Abundance Ion 106.00 (105.70 to 106.70): VN063360.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-3049) (-)

300000

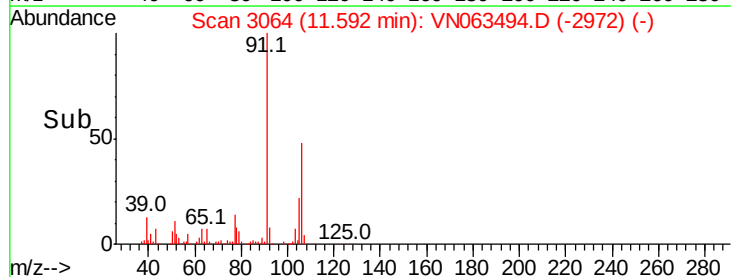
200000

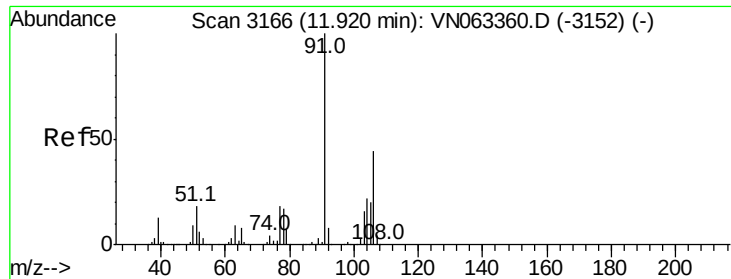
100000

0

11.50 11.55 11.60

Time-->

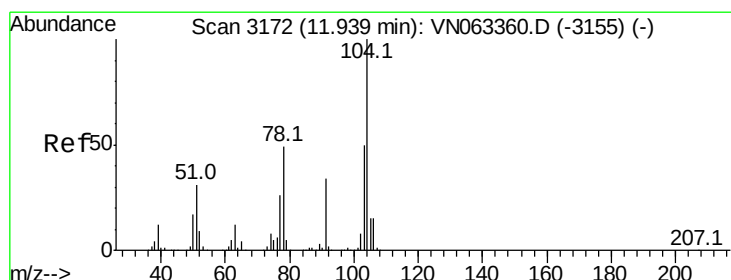
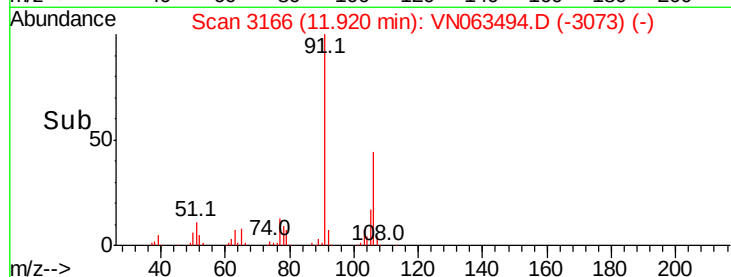
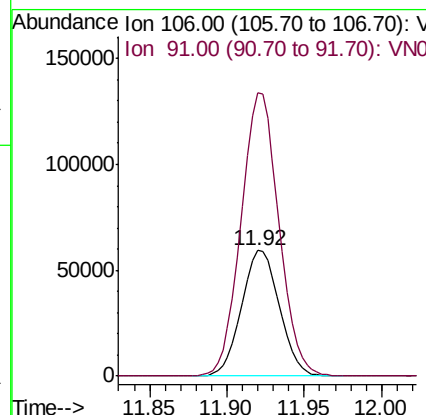
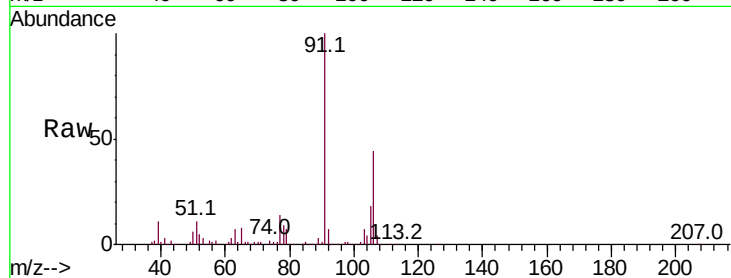




#69
o-Xylene
Concen: 16.318 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

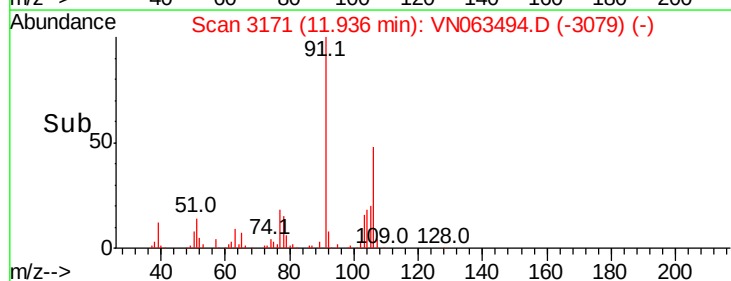
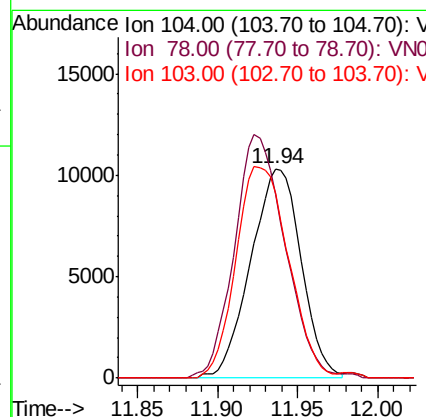
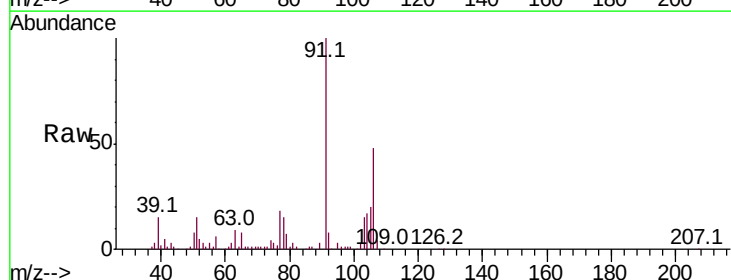
Instrument :
MSVOA_N
ClientSampled :
51-53ME

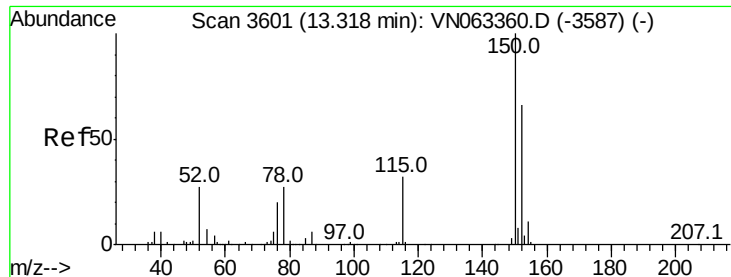
Tot Ion:106 Resp: 101696
Ion Ratio Lower Upper
106 100
91 223.2 113.6 340.8



#70
Styrene
Concen: 2.140 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063494.D
Acq: 21 Sep 2020 18:32

Tgt Ion:104 Resp: 22366
Ion Ratio Lower Upper
104 100
78 116.5 44.4 66.6#
103 104.8 43.7 65.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

51-53ME

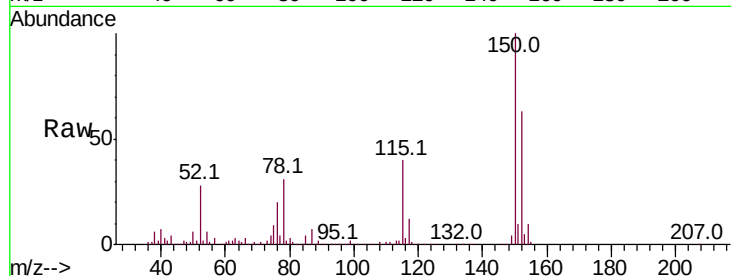
Tot Ion:152 Resp: 212625

Ion Ratio Lower Upper

152 100

115 64.5 32.2 96.6

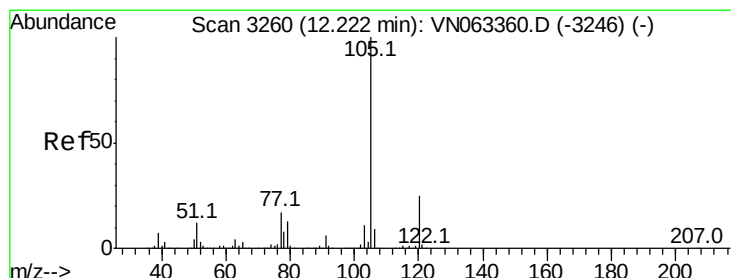
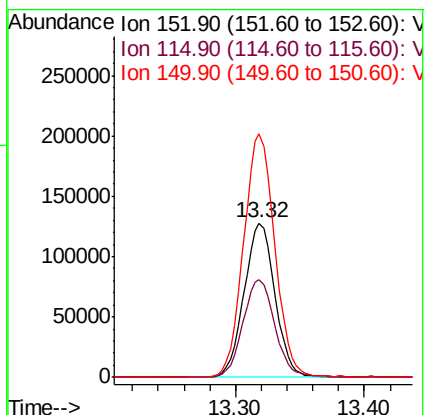
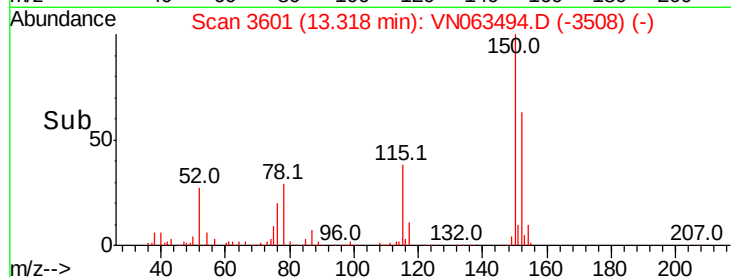
150 159.6 0.0 343.4



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



#73

Isopropylbenzene

Concen: 0.892 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063494.D

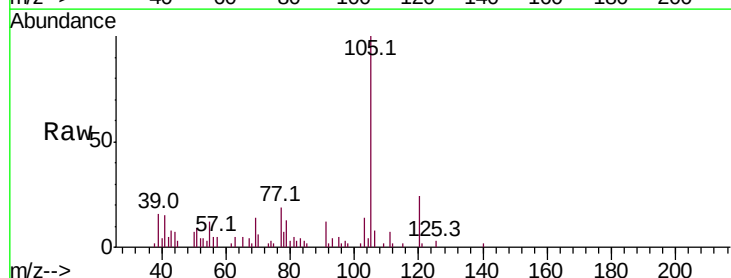
Acq: 21 Sep 2020 18:32

Tgt Ion:105 Resp: 15201

Ion Ratio Lower Upper

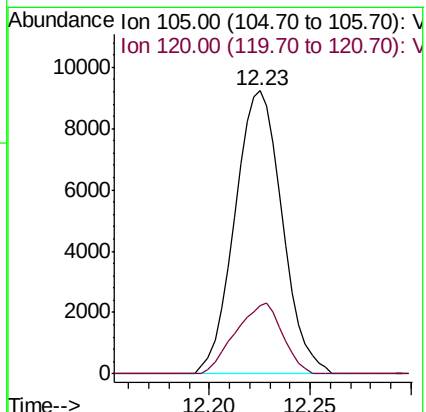
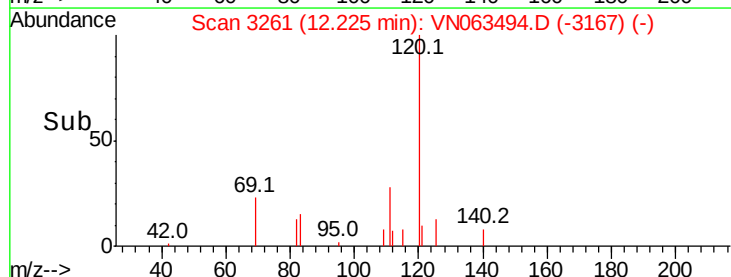
105 100

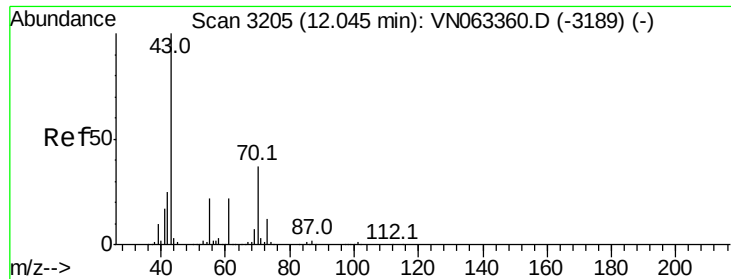
120 24.7 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.963 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.03 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

51-53ME

Tot Ion: 43 Resp: 7768

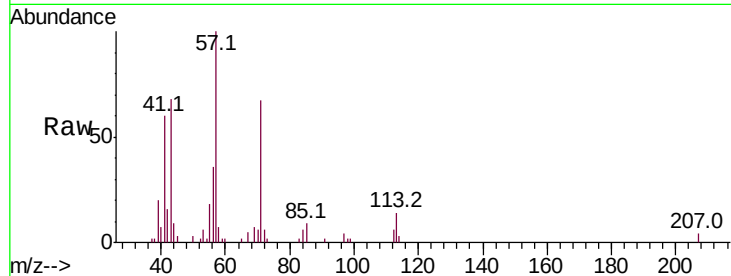
Ion Ratio Lower Upper

43 100

70 0.0 29.6 44.4#

55 0.0 17.7 26.5#

61 0.0 17.4 26.2#

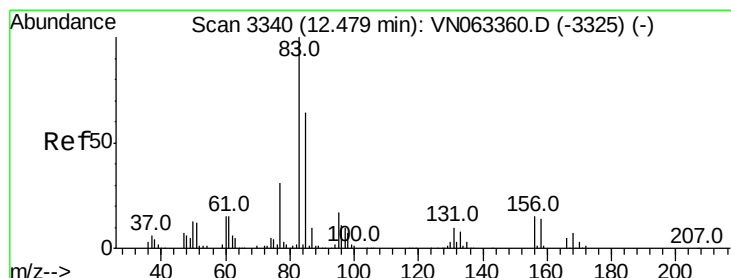
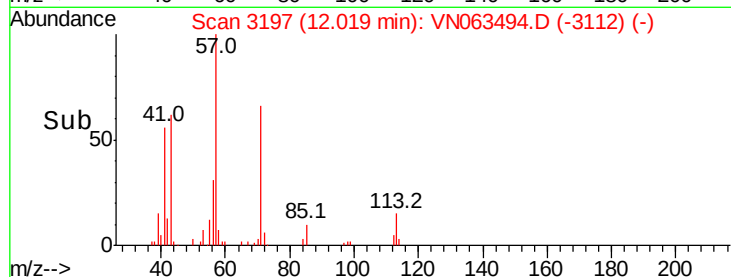
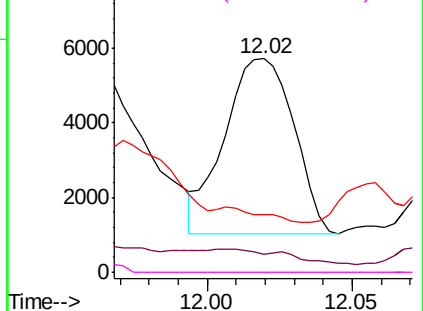


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.202 ug/l

RT: 12.43 min Scan# 3325

Delta R.T. -0.05 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

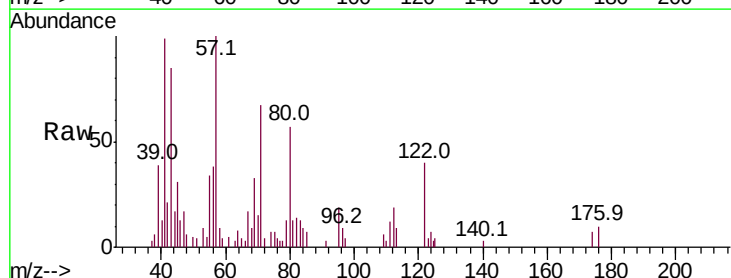
Tgt Ion: 83 Resp: 1065

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

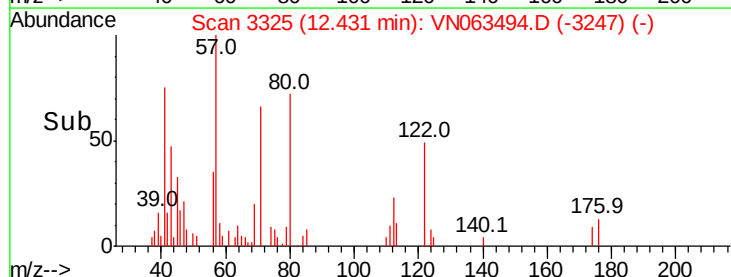
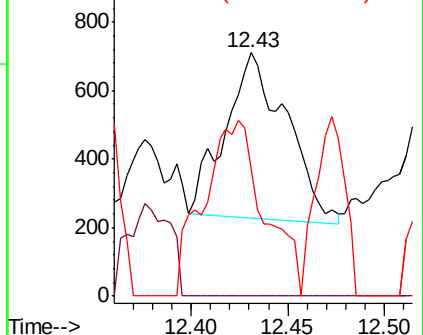
85 104.6 32.0 96.0#

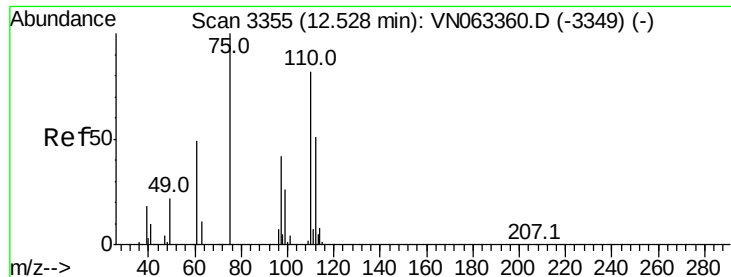


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 24.545 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

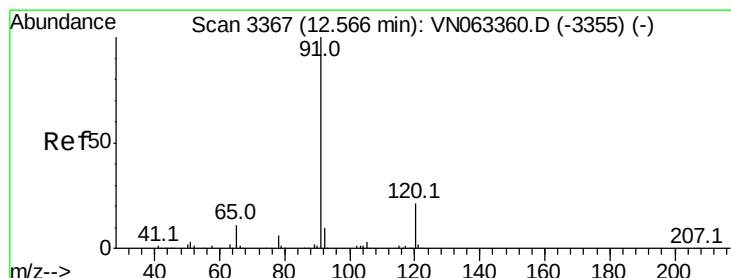
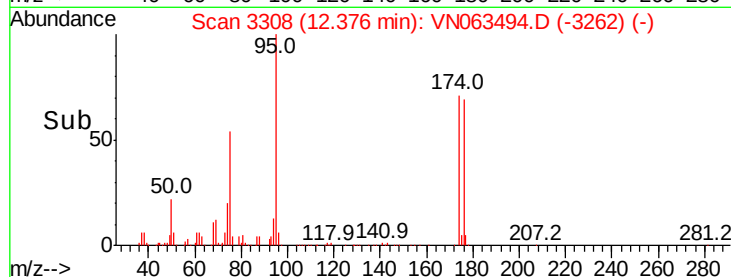
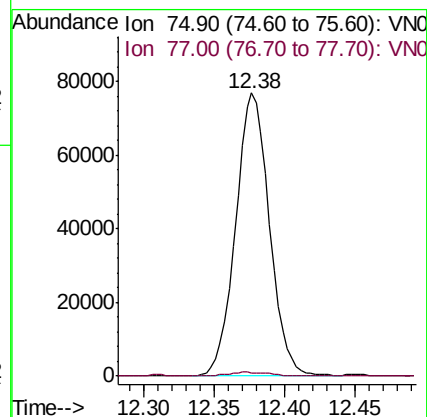
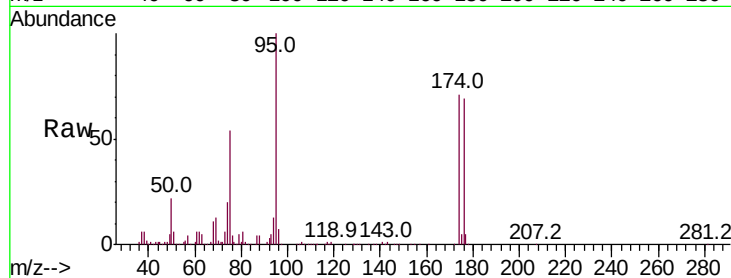
51-53ME

Tot Ion: 75 Resp: 129176

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#78

n-propylbenzene

Concen: 1.882 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063494.D

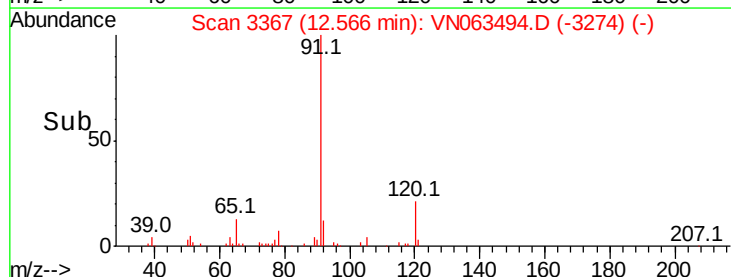
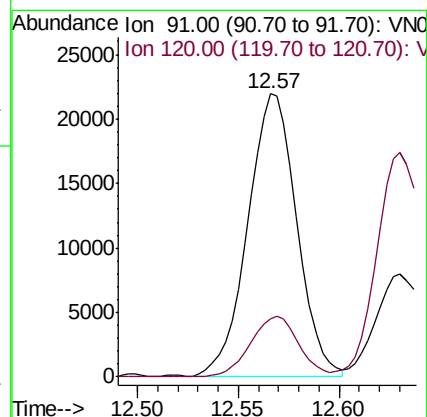
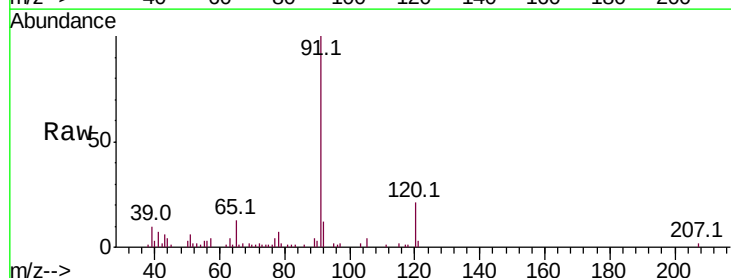
Acq: 21 Sep 2020 18:32

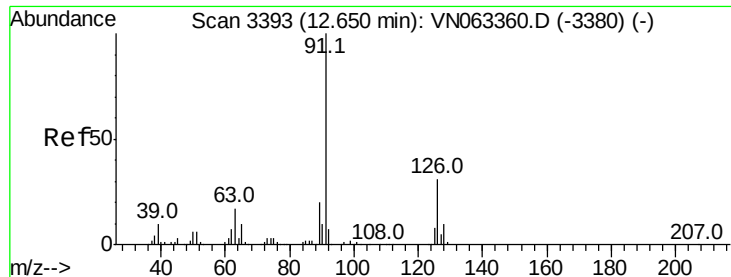
Tgt Ion: 91 Resp: 37355

Ion Ratio Lower Upper

91 100

120 21.0 10.8 32.3

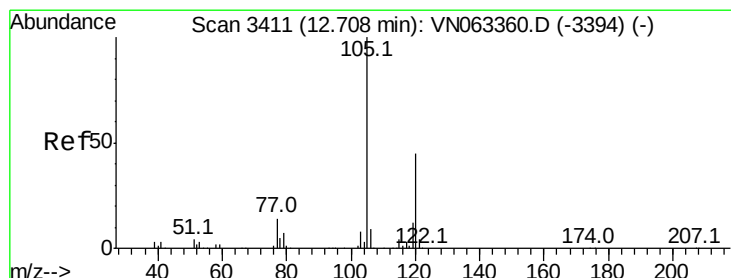
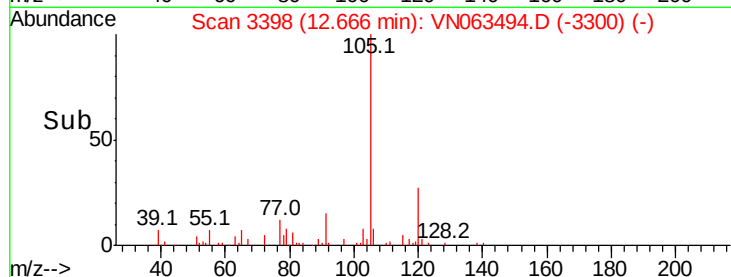
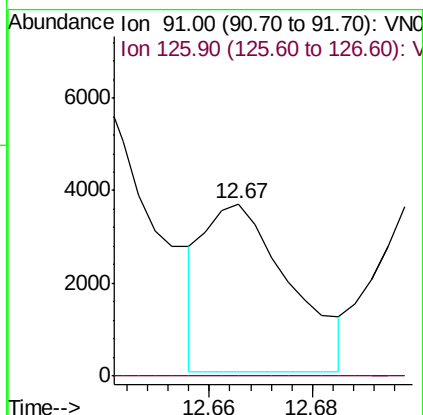
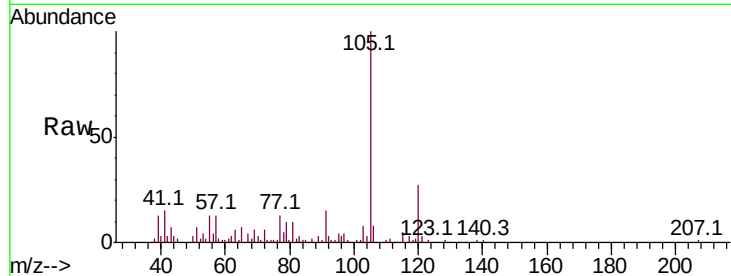




#79
 2-Chlorotoluene
 Concen: 0.351 ug/l
 RT: 12.67 min Scan# 3398
 Delta R.T. 0.02 min
 Lab File: VN063494.D
 Acq: 21 Sep 2020 18:32

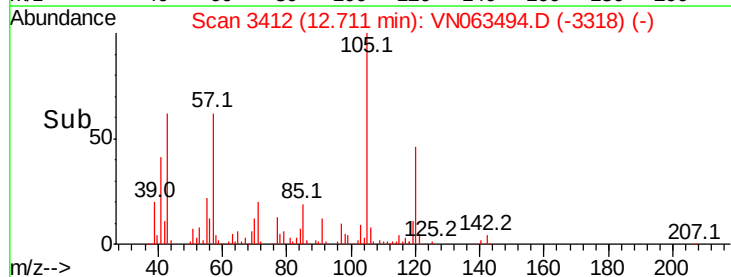
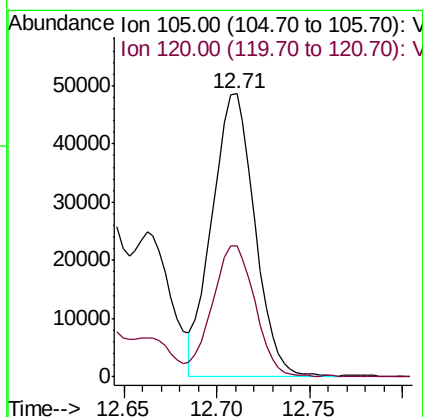
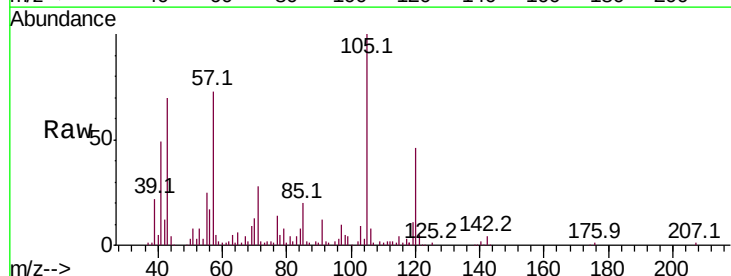
Instrument :
 MSVOA_N
 ClientSampleId :
 51-53ME

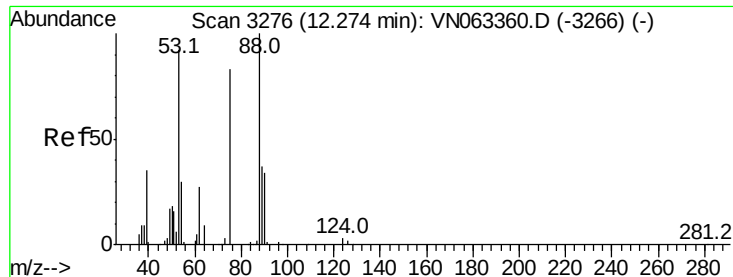
Tot Ion: 91 Resp: 4179
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 5.487 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063494.D
 Acq: 21 Sep 2020 18:32

Tgt Ion:105 Resp: 77956
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 67.294 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

51-53ME

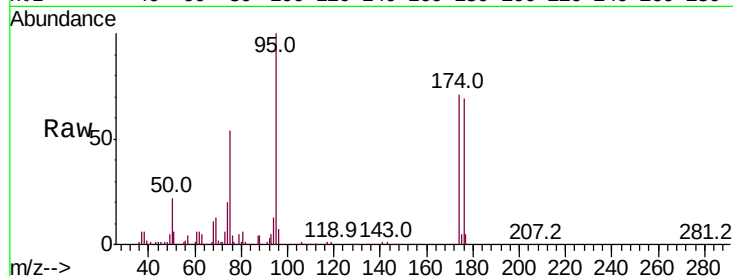
Tot Ion: 75 Resp: 129176

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

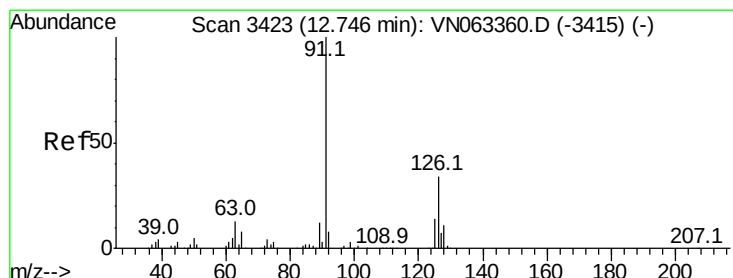
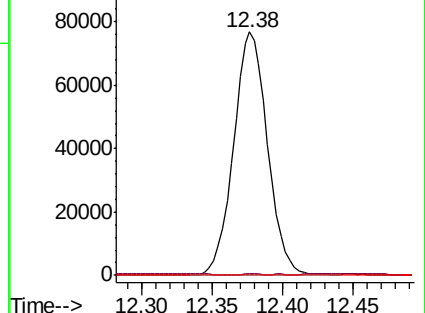
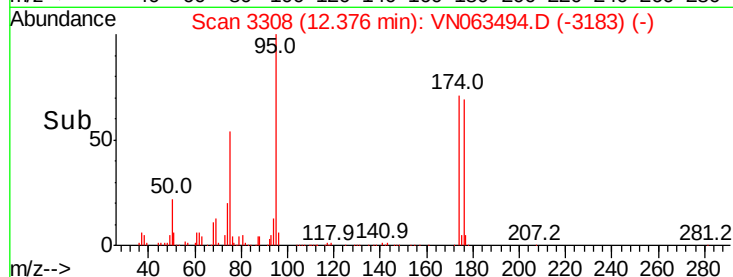
89 0.0 38.0 57.0#



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



#82

4-Chlorotoluene

Concen: 0.769 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN063494.D

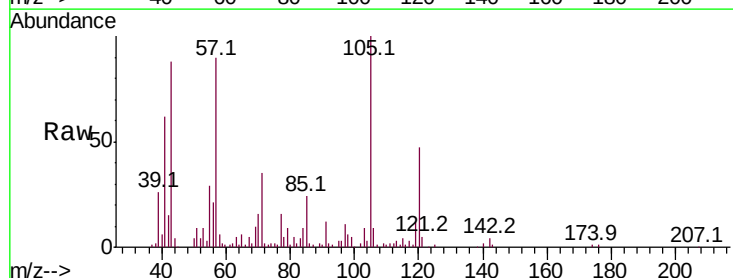
Acq: 21 Sep 2020 18:32

Tgt Ion: 91 Resp: 9661

Ion Ratio Lower Upper

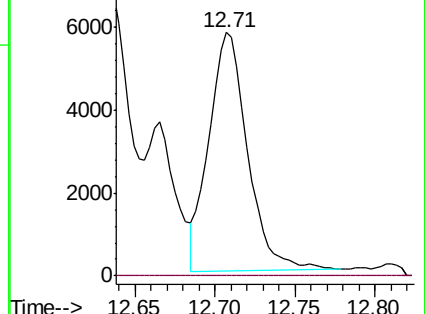
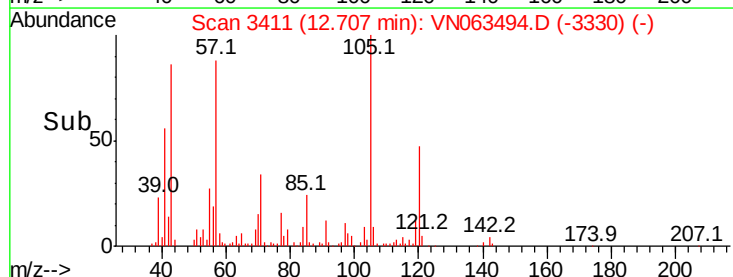
91 100

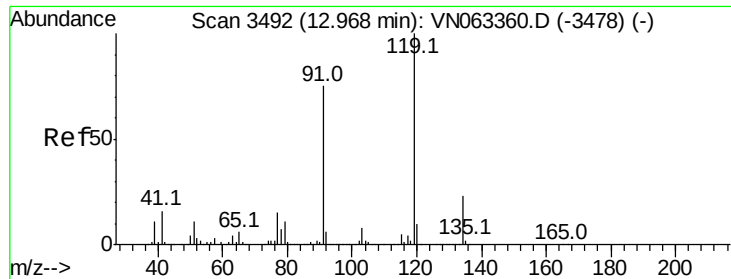
126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.222 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

51-53ME

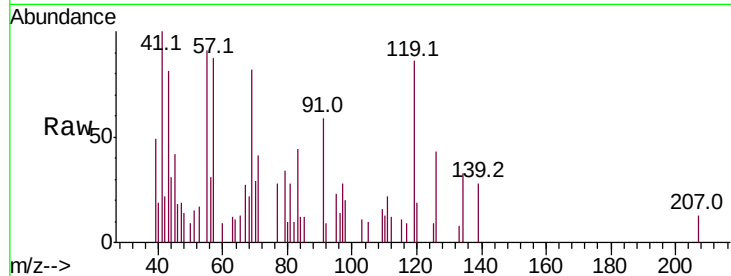
Tot Ion:119 Resp: 2605

Ion Ratio Lower Upper

119 100

91 77.7 36.3 108.9

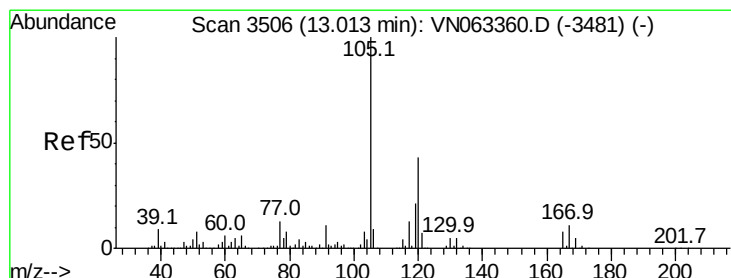
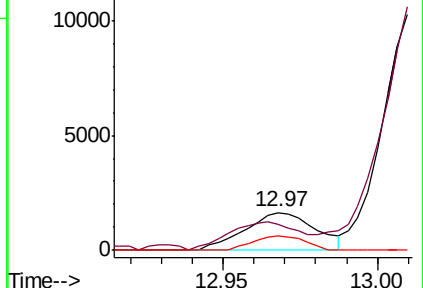
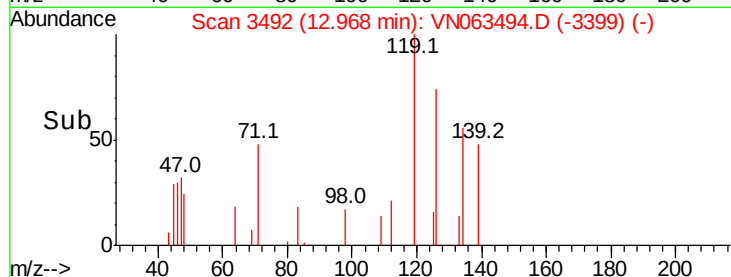
134 28.2 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 11.057 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063494.D

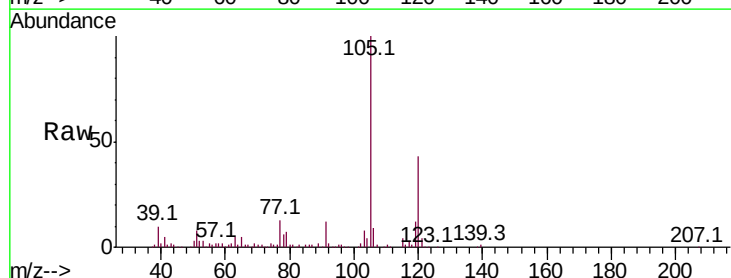
Acq: 21 Sep 2020 18:32

Tgt Ion:105 Resp: 158685

Ion Ratio Lower Upper

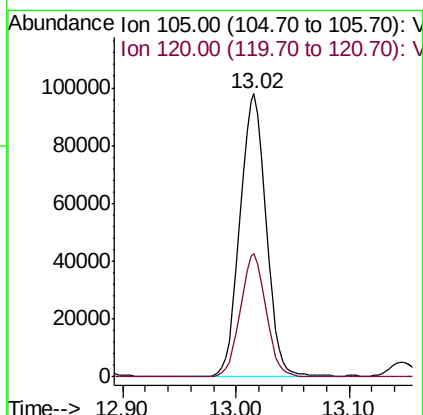
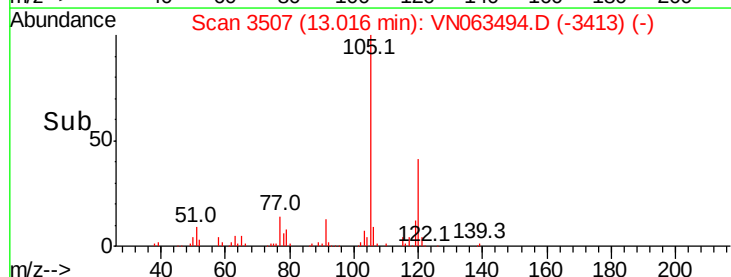
105 100

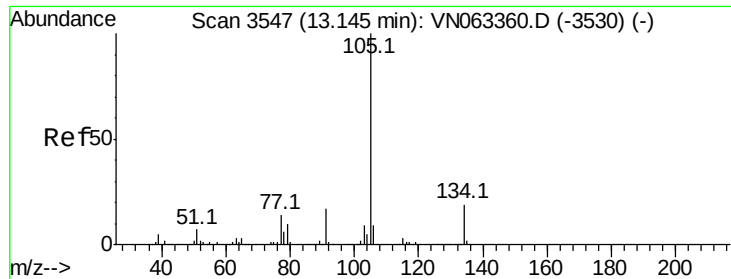
120 42.3 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.553 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

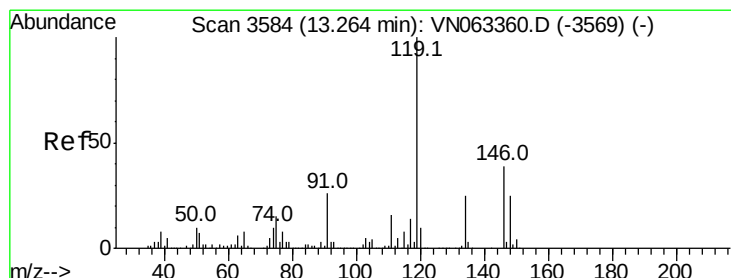
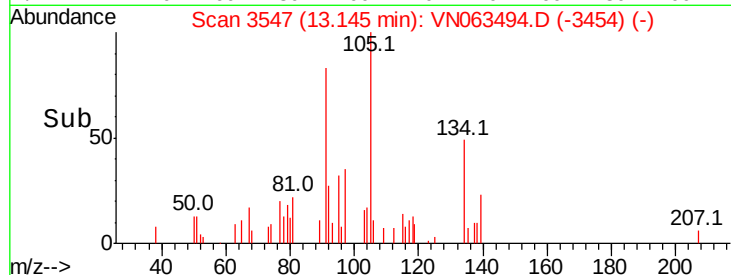
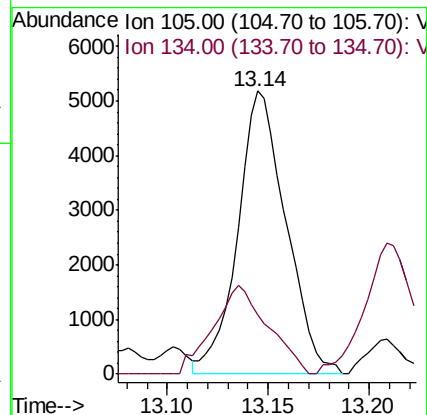
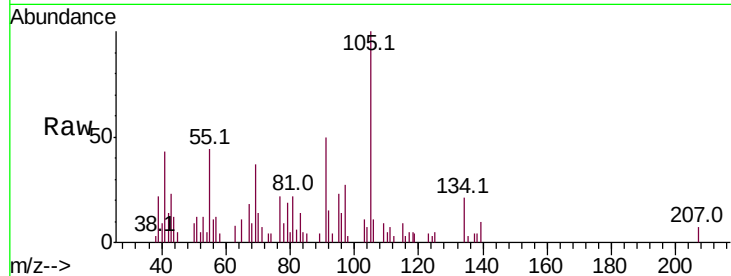
51-53ME

Tot Ion:105 Resp: 8676

Ion Ratio Lower Upper

105 100

134 35.4 9.3 27.7#



#86

p-Isopropyltoluene

Concen: 0.765 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

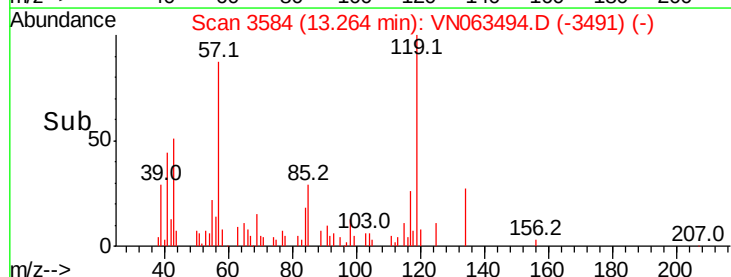
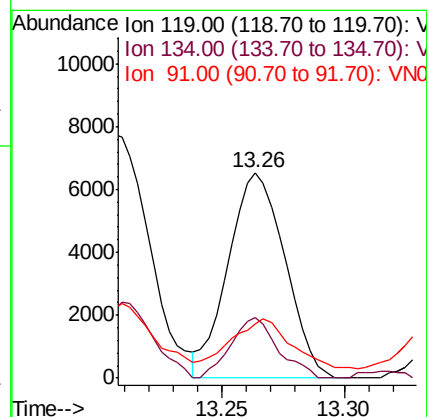
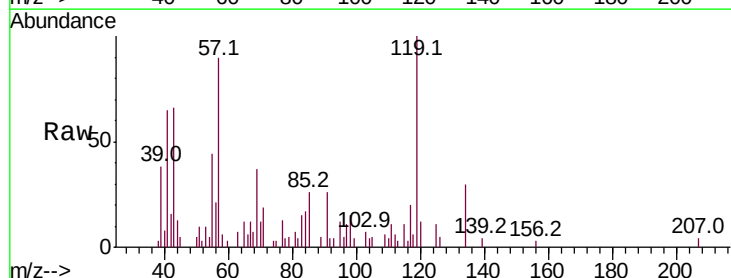
Tgt Ion:119 Resp: 10593

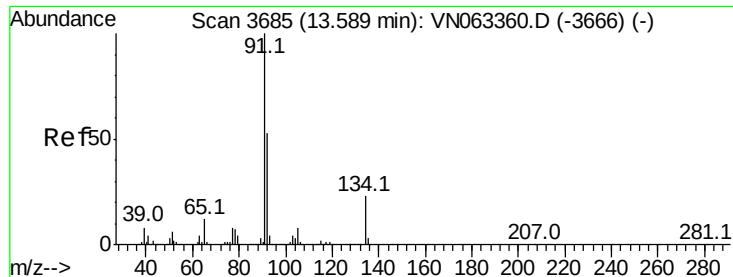
Ion Ratio Lower Upper

119 100

134 24.6 12.5 37.5

91 24.5 13.4 40.1





#89

n-Butylbenzene

Concen: 0.804 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

51-53ME

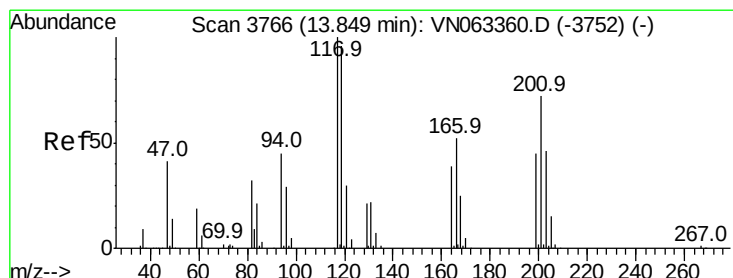
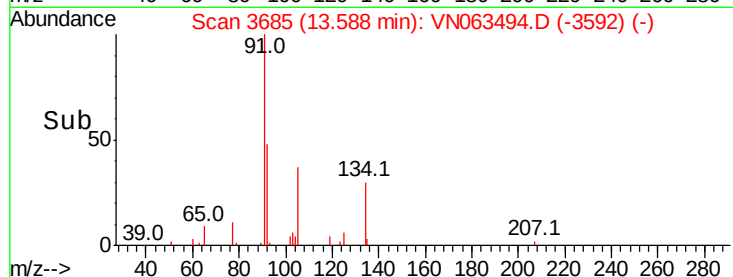
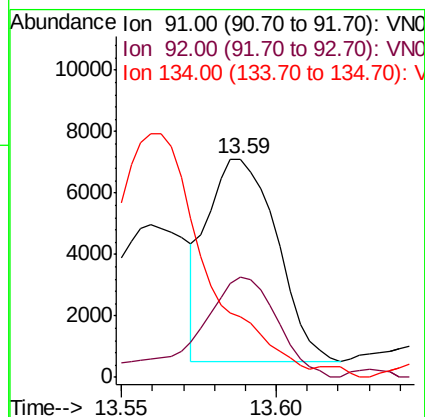
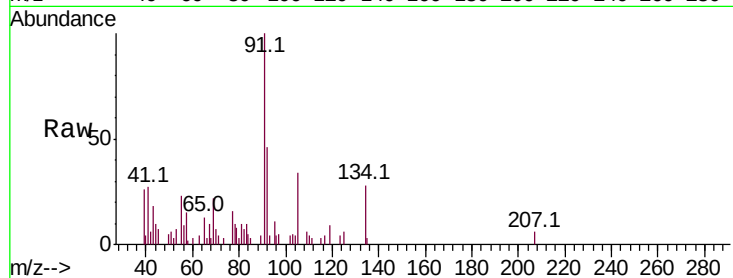
Tot Ion: 91 Resp: 10254

Ion Ratio Lower Upper

91 100

92 57.9 26.0 78.0

134 0.0 11.7 35.0#



#90

Hexachloroethane

Concen: 1.044 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN063494.D

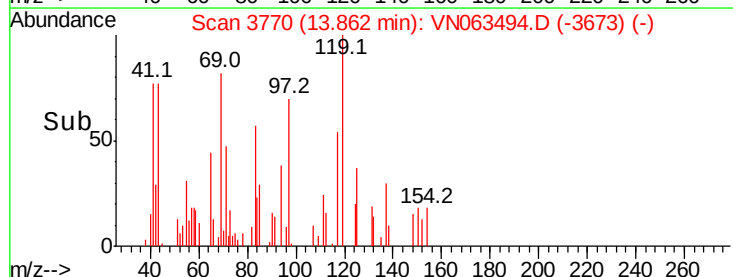
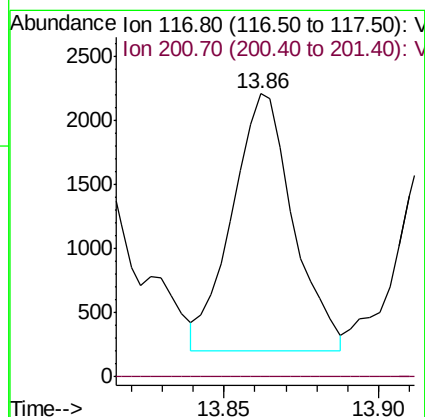
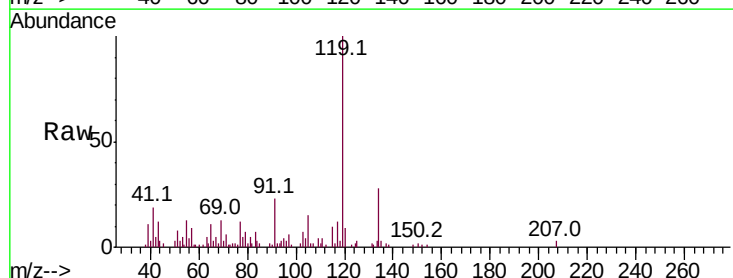
Acq: 21 Sep 2020 18:32

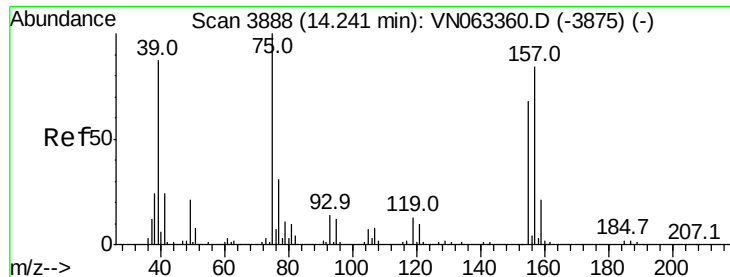
Tgt Ion: 117 Resp: 2751

Ion Ratio Lower Upper

117 100

201 0.0 35.5 106.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.578 ug/l

RT: 14.26 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

51-53ME

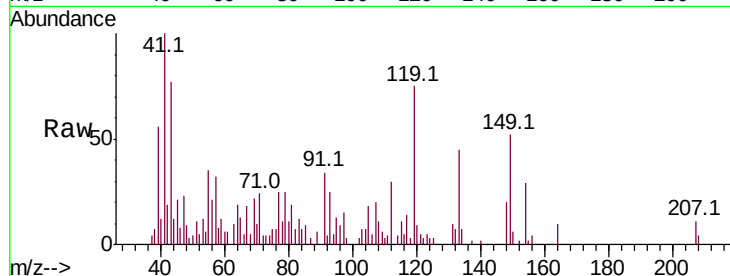
Tot Ion: 75 Resp: 726

Ion Ratio Lower Upper

75 100

155 8.0 34.6 103.9#

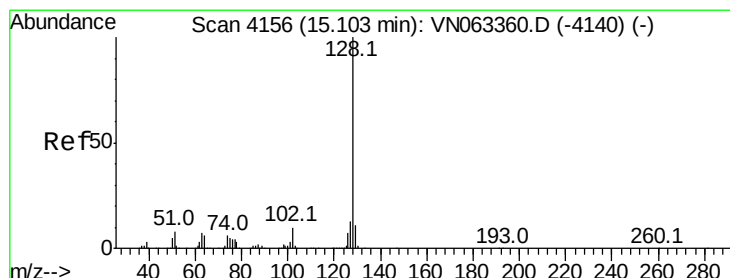
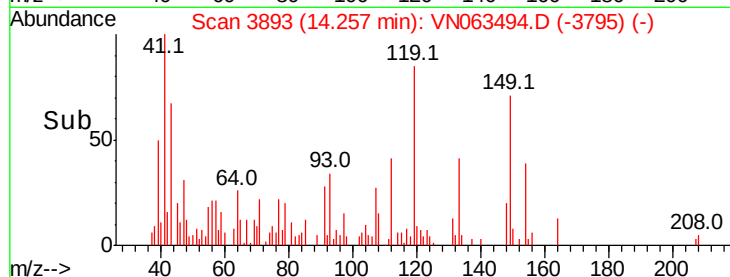
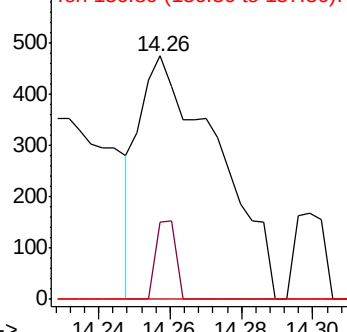
157 0.0 43.7 131.1#



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3875) (-)

Ion 154.80 (154.50 to 155.50): VN063360.D (-3875) (-)

Ion 156.80 (156.50 to 157.50): VN063360.D (-3875) (-)



#95

Naphthalene

Concen: 43.836 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063494.D

Acq: 21 Sep 2020 18:32

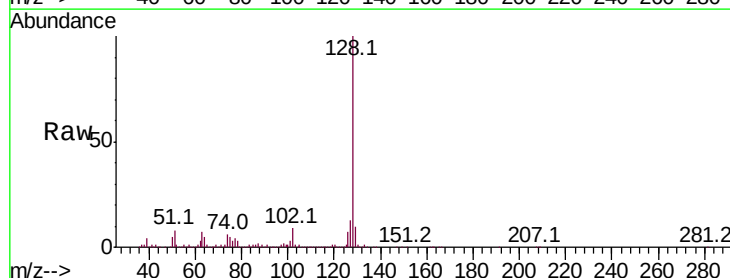
Tgt Ion: 128 Resp: 595467

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 11.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): VN063360.D (-4140) (-)

Ion 127.00 (126.70 to 127.70): VN063360.D (-4140) (-)

Ion 129.00 (128.70 to 129.70): VN063360.D (-4140) (-)

