

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062025.D
 Acq On : 23 Jun 2020 2:45
 Operator : JC/MD
 Sample : L3071-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7.5

Quant Time: Jun 23 05:25:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	168539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	304874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	124133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109044	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	7.55	113	93480	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.06	98	385987	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.37	95	133000	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

					Qvalue	
3) Chloromethane	2.03	50	635	0.271	ug/l	97
10) Methyl Iodide	3.91	142	104	5.364	ug/l #	42
13) Acrolein	3.76	56	12900	69.004	ug/l #	80
14) Allyl chloride	4.49	41	35479	15.611	ug/l #	59
15) Acrylonitrile	4.96	53	274	0.354	ug/l #	18
16) Acetone	3.76	43	35350	52.945	ug/l #	56
17) Carbon Disulfide	4.01	76	12650	2.525	ug/l #	94
18) Methyl Acetate	4.48	43	82296	42.813	ug/l #	46
20) Methylene Chloride	4.48	84	1113	0.512	ug/l #	1
25) 2-Butanone	6.78	43	6280	6.447	ug/l #	62
30) Chloroform	7.28	83	7779	2.139	ug/l #	18
31) Cyclohexane	7.60	56	27670	9.289	ug/l #	57
36) 1,1-Dichloropropene	7.63	75	13293	4.780	ug/l #	48
37) Ethyl Acetate	6.78	43	6280	2.892	ug/l #	65
38) Carbon Tetrachloride	7.63	117	17221	6.254	ug/l #	16
39) Methylcyclohexane	9.05	83	25821	8.623	ug/l #	71
41) Methacrylonitrile	7.16	41	914	0.984	ug/l #	100
43) Isopropyl Acetate	8.11	43	21767	5.948	ug/l #	51
47) Bromodichloromethane	9.36	83	12888	4.318	ug/l #	25
48) Methyl methacrylate	9.19	41	15159	9.109	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	17705	8.187	ug/l #	67
52) Toluene	10.13	92	1983	0.375	ug/l	91
55) 1,1,2-Trichloroethane	10.50	97	14687	7.056	ug/l #	21
56) Ethyl methacrylate	10.40	69	1901	3.466	ug/l #	64
58) 2-Chloroethyl Vinyl ether	9.62	63	1242	1.131	ug/l #	44
59) 2-Hexanone	10.69	43	4468	15.854	ug/l #	22
67) Ethyl Benzene	11.48	91	67385	6.523	ug/l	98
68) m/p-Xylenes	11.60	106	45162	11.338	ug/l	98
71) Bromoform	12.38	173	1026	0.655	ug/l #	1
73) Isopropylbenzene	12.22	105	111235	12.610	ug/l	99
74) N-amyl acetate	12.02	43	1128	3.396	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.46	83	760	0.265	ug/l #	85
76) 1,2,3-Trichloropropane	12.37	75	68017	27.910	ug/l #	100
77) Bromobenzene	12.44	156	29600	13.301	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062025.D
 Acq On : 23 Jun 2020 2:45
 Operator : JC/MD
 Sample : L3071-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7.5

Quant Time: Jun 23 05:25:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

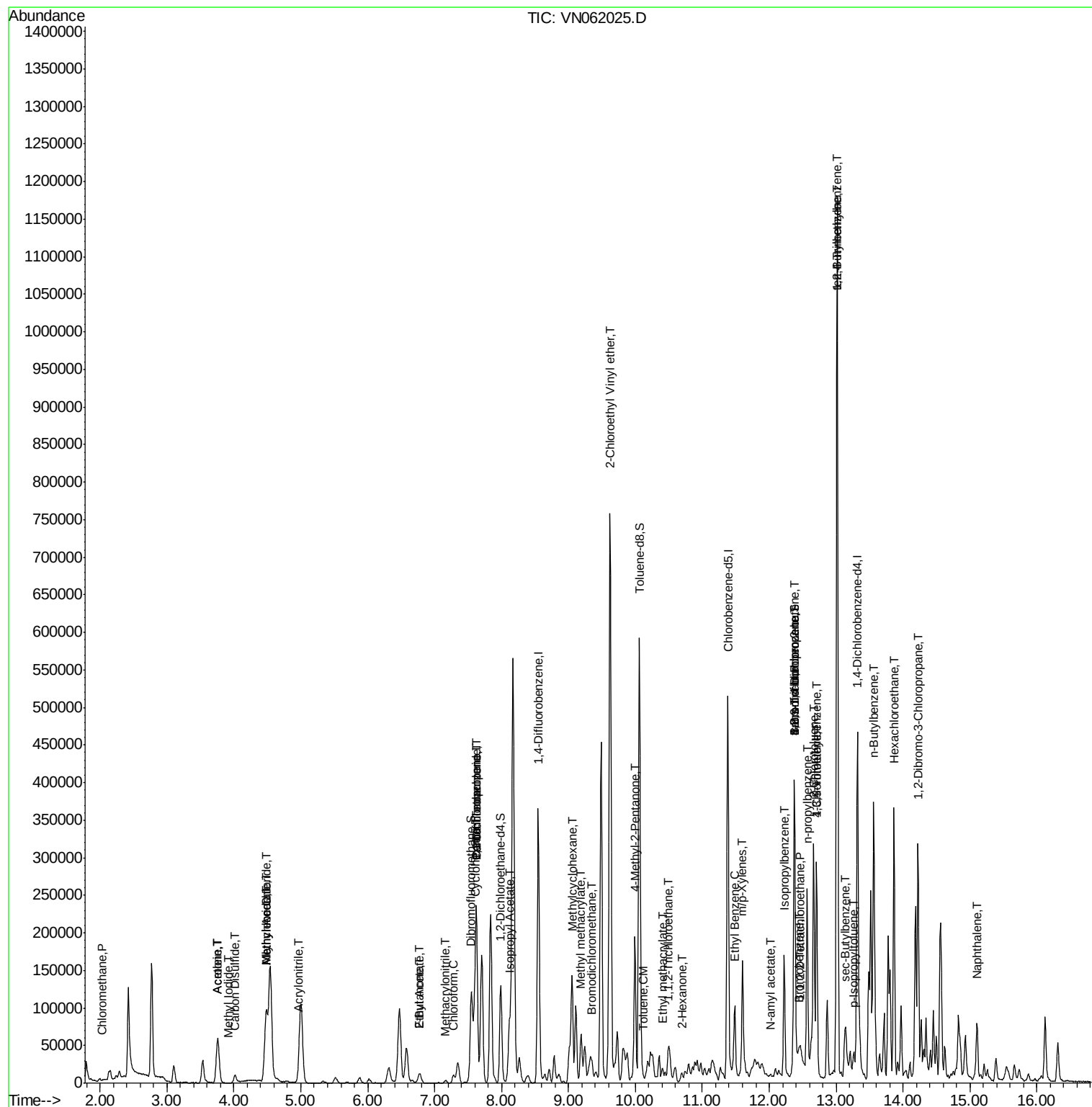
78) n-propylbenzene	12.57	91	193536	19.228	ug/l	99
79) 2-Chlorotoluene	12.66	91	24140	3.993	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.71	105	153841	21.080	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.37	75	68017	76.121	ug/l #	15
82) 4-Chlorotoluene	12.71	91	15773	2.525	ug/l #	40
83) tert-Butylbenzene	13.01	119	80514	13.014	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.01	105	650832	90.344	ug/l	100
85) sec-Butylbenzene	13.15	105	34497	4.260	ug/l #	46
86) p-Isopropyltoluene	13.26	119	11439	1.585	ug/l	96
89) n-Butylbenzene	13.56	91	23166	3.844	ug/l #	1
90) Hexachloroethane	13.86	117	19026	14.404	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.22	75	1376	2.955	ug/l #	1
95) Naphthalene	15.10	128	62463	12.894	ug/l	98

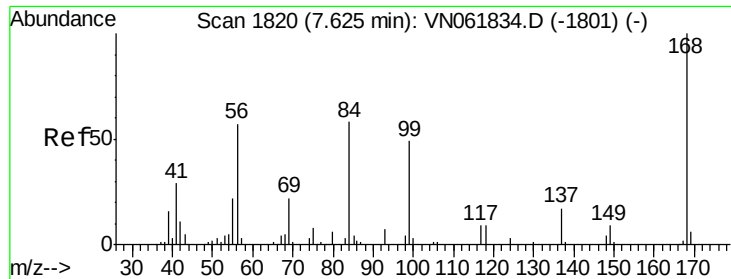
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062220\
Data File : VN062025.D
Acq On : 23 Jun 2020 2:45
Operator : JC/MD
Sample : L3071-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-7.5

Quant Time: Jun 23 05:25:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampled :

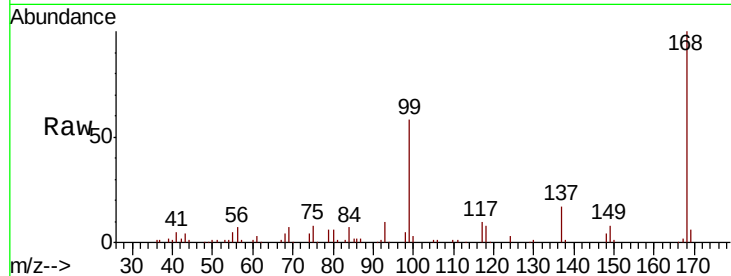
TW-7.5

Tot Ion:168 Resp: 168539

Ion Ratio Lower Upper

168 100

99 58.3 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

60000

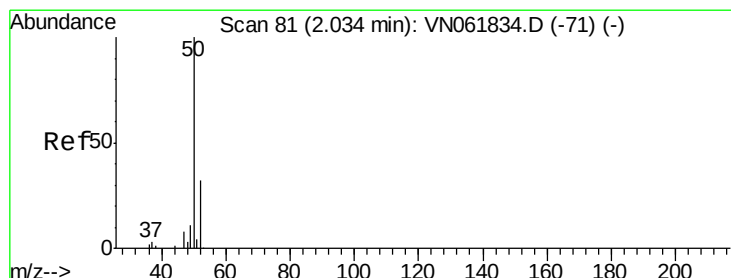
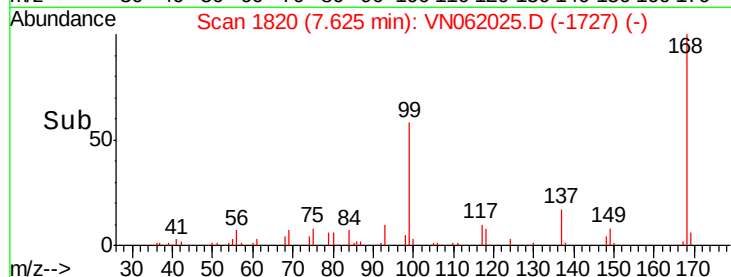
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#3

Chloromethane

Concen: 0.271 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062025.D

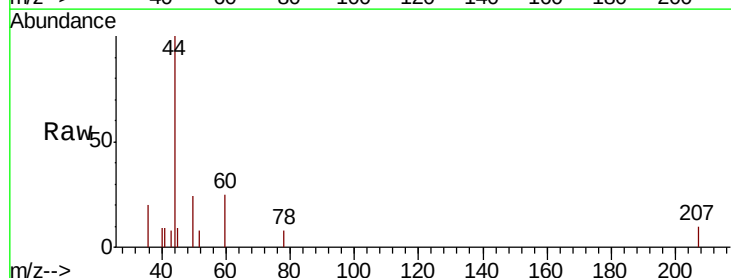
Acq: 23 Jun 2020 2:45

Tgt Ion: 50 Resp: 635

Ion Ratio Lower Upper

50 100

52 34.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

500

400

300

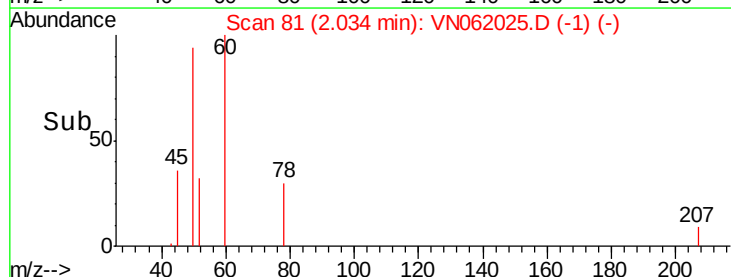
200

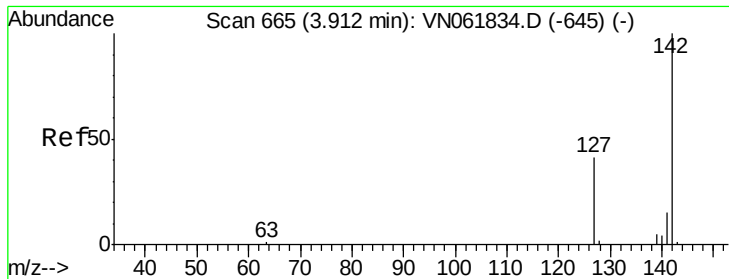
100

0

2.00 2.02 2.04 2.06

Time-->

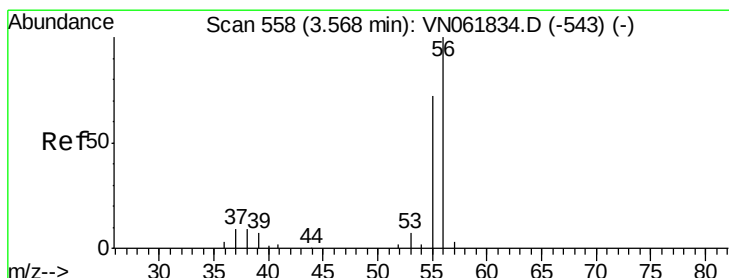
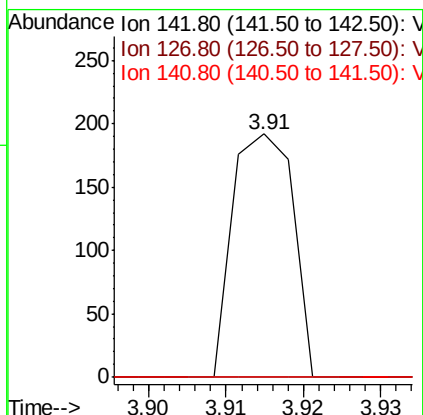
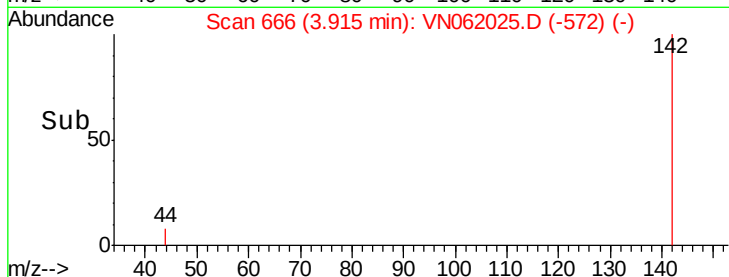
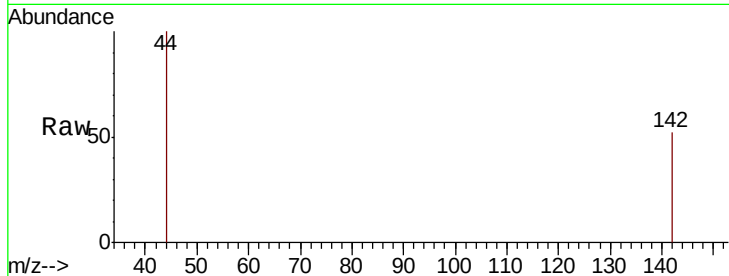




#10
Methvl Iodide
Concen: 5.364 ug/l
RT: 3.91 min Scan# 666
Delta R.T. 0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

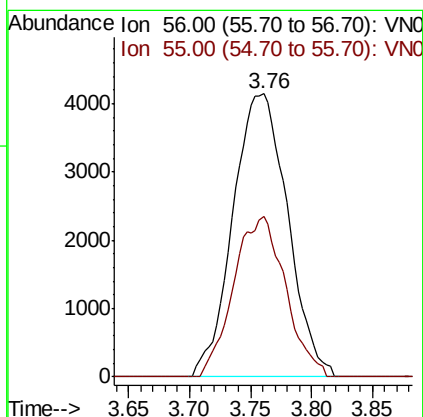
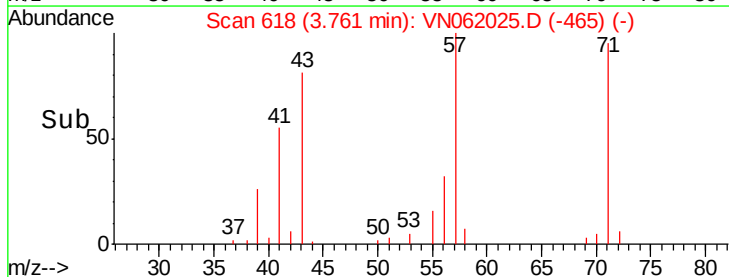
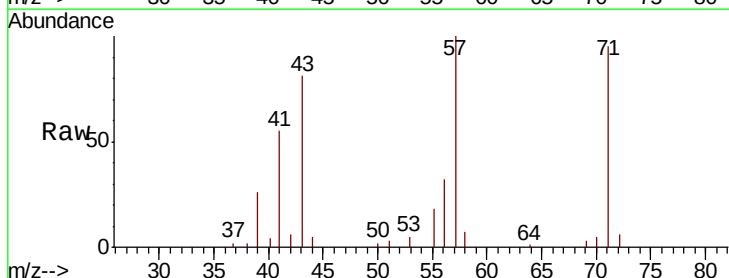
Instrument :
MSVOA_N
ClientSampled :
TW-7.5

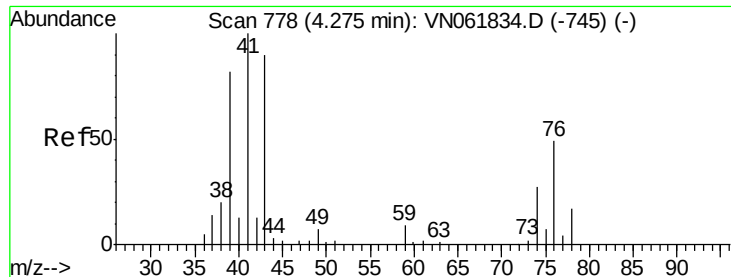
Tot Ion:142 Resp: 104
Ion Ratio Lower Upper
142 100
127 0.0 33.4 50.0#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 69.004 ug/l
RT: 3.76 min Scan# 618
Delta R.T. 0.19 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion: 56 Resp: 12900
Ion Ratio Lower Upper
56 100
55 53.6 56.2 84.4#

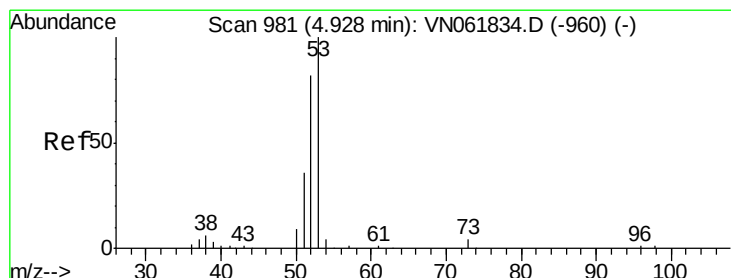
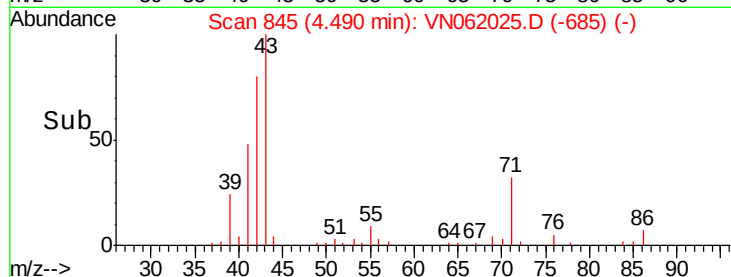
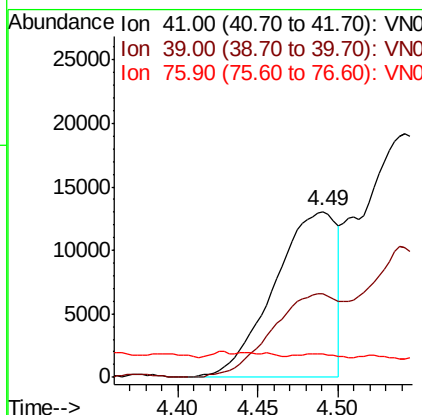
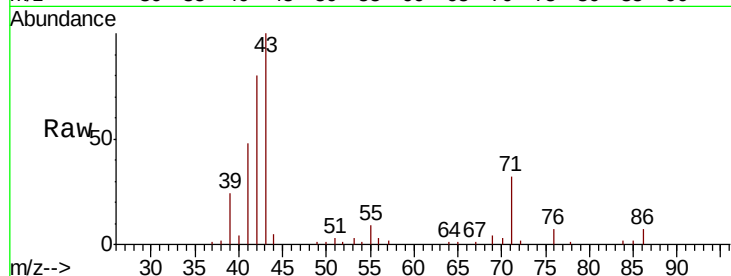




#14
Allvl chloride
Concen: 15.611 ug/l
RT: 4.49 min Scan# 845
Delta R.T. 0.22 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

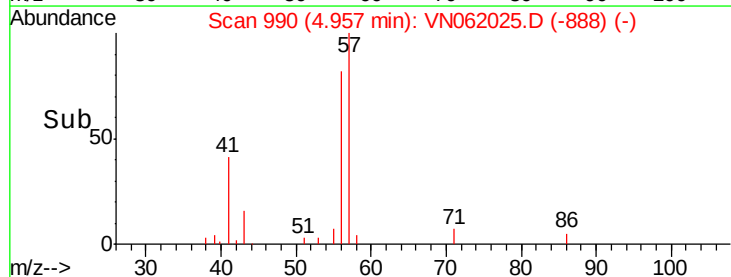
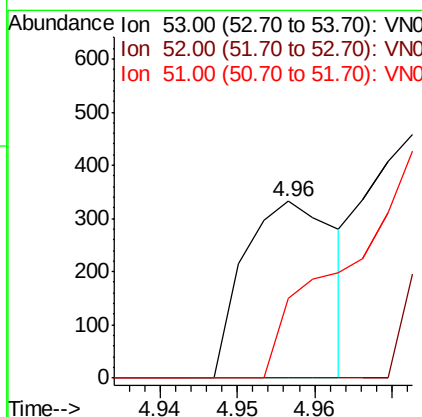
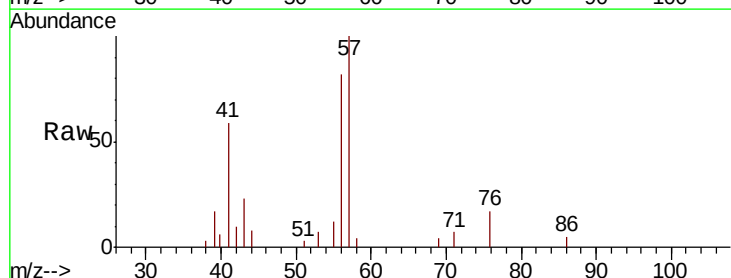
Instrument :
MSVOA_N
ClientSampled :
TW-7.5

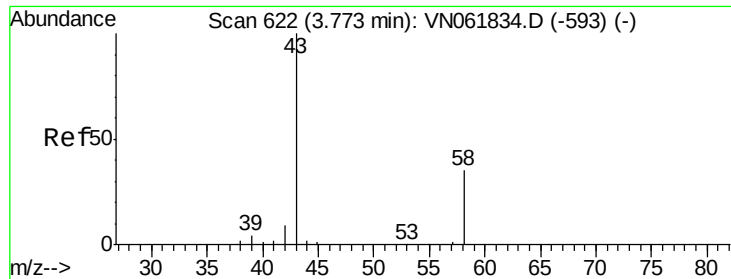
Tot Ion: 41 Resp: 35479
Ion Ratio Lower Upper
41 100
39 54.8 60.2 90.2#
76 0.0 36.3 54.5#



#15
Acrylonitrile
Concen: 0.354 ug/l
RT: 4.96 min Scan# 990
Delta R.T. 0.03 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion: 53 Resp: 274
Ion Ratio Lower Upper
53 100
52 0.0 65.2 97.8#
51 0.0 29.3 43.9#





#16

Acetone

Concen: 52.945 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.01 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampled :

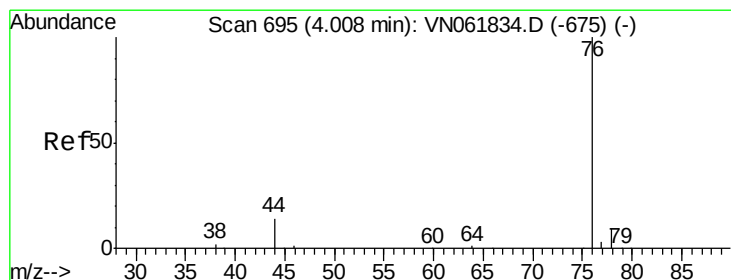
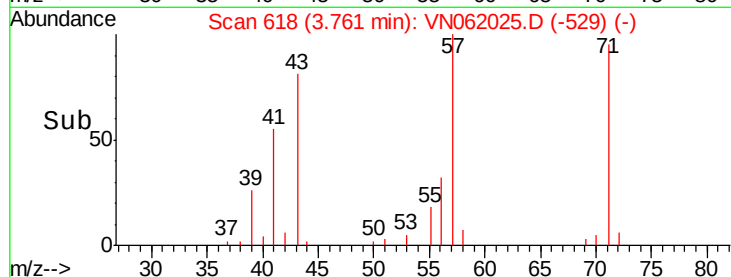
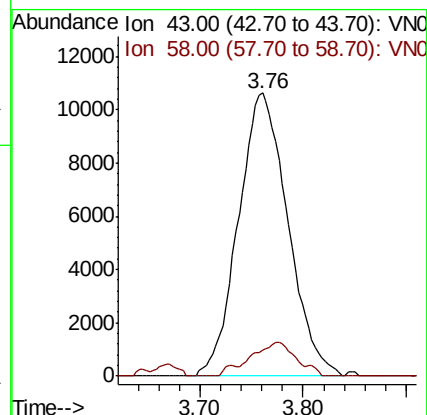
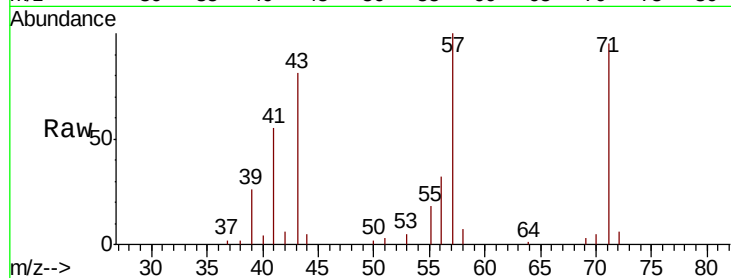
TW-7.5

Tot Ion: 43 Resp: 35350

Ion Ratio Lower Upper

43 100

58 9.2 27.8 41.8#



#17

Carbon Disulfide

Concen: 2.525 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062025.D

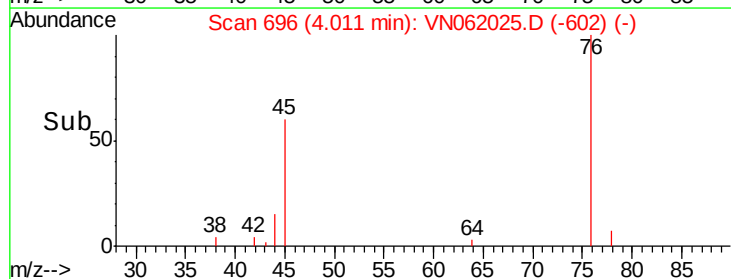
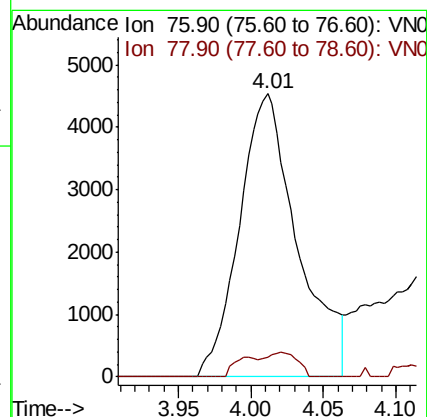
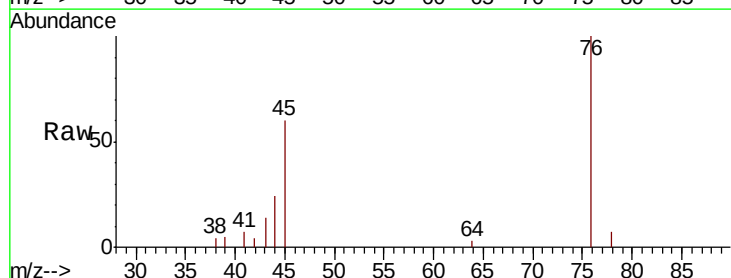
Acq: 23 Jun 2020 2:45

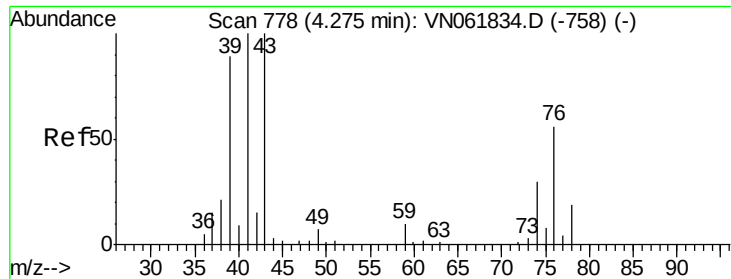
Tgt Ion: 76 Resp: 12650

Ion Ratio Lower Upper

76 100

78 6.9 7.3 10.9#

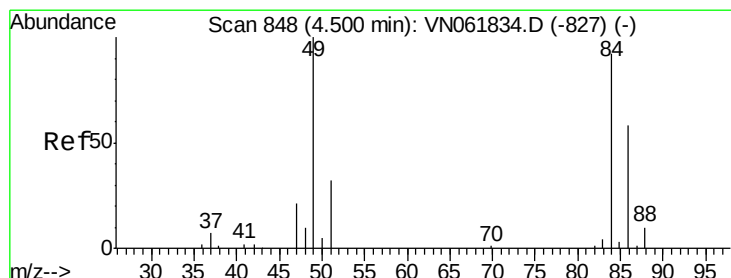
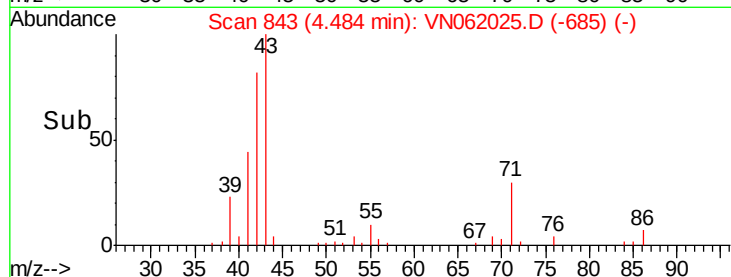
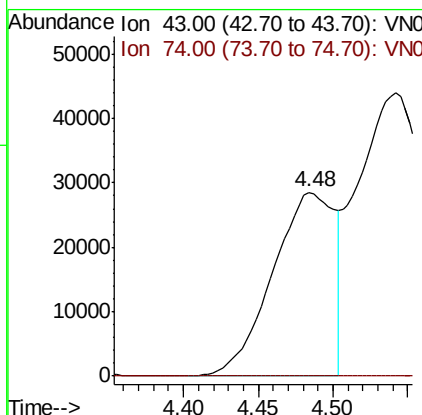
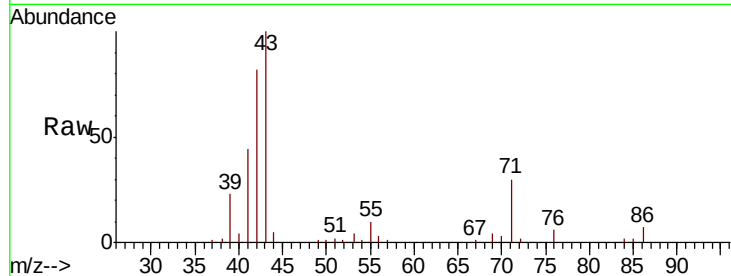




#18
Methyl Acetate
Concen: 42.813 ug/l
RT: 4.48 min Scan# 843
Delta R.T. 0.21 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

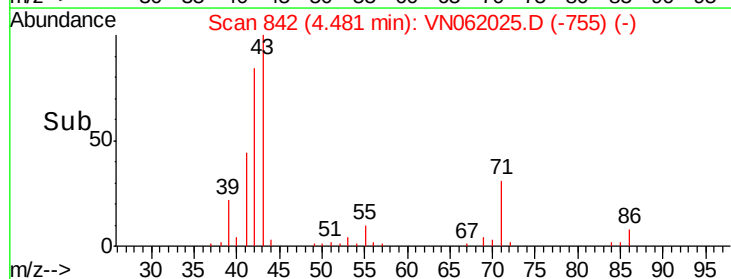
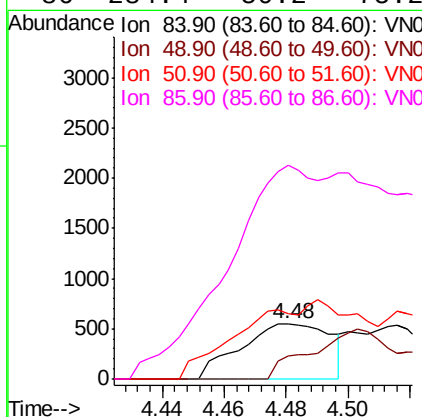
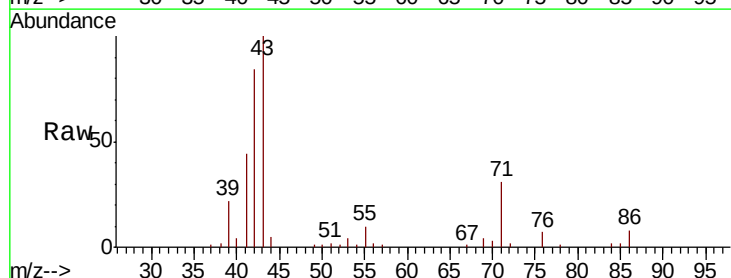
Instrument :
MSVOA_N
ClientSampleId :
TW-7.5

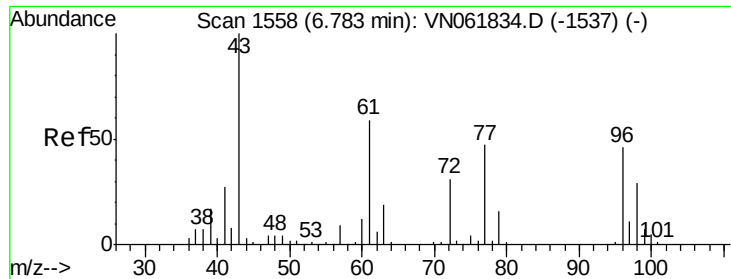
Tot Ion: 43 Resp: 82296
Ion Ratio Lower Upper
43 100
74 0.0 23.0 34.4#



#20
Methylene Chloride
Concen: 0.512 ug/l
RT: 4.48 min Scan# 842
Delta R.T. -0.02 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion: 84 Resp: 1113
Ion Ratio Lower Upper
84 100
49 41.0 87.0 130.4#
51 84.8 27.8 41.6#
86 284.4 50.2 75.2#

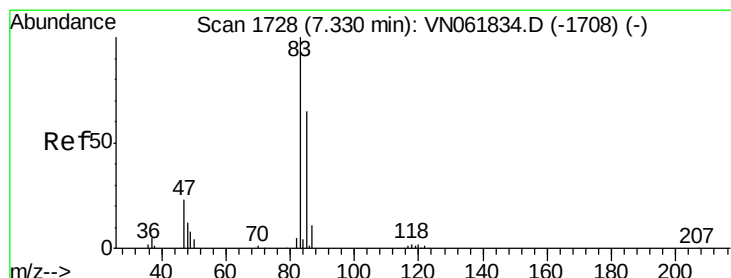
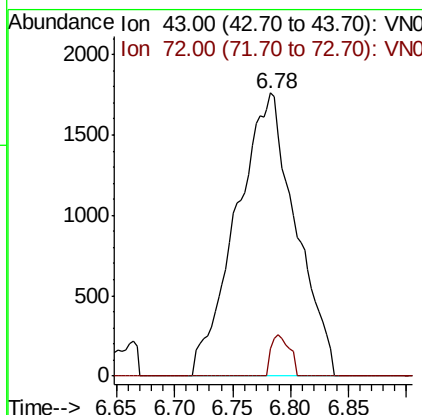
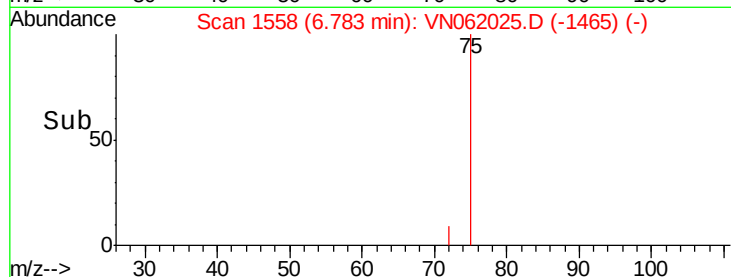
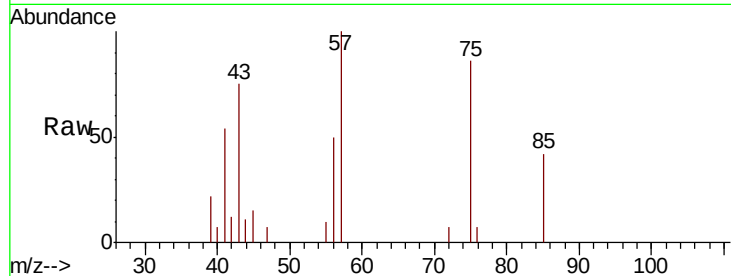




#25
 2-Butanone
 Concen: 6.447 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062025.D
 Acq: 23 Jun 2020 2:45

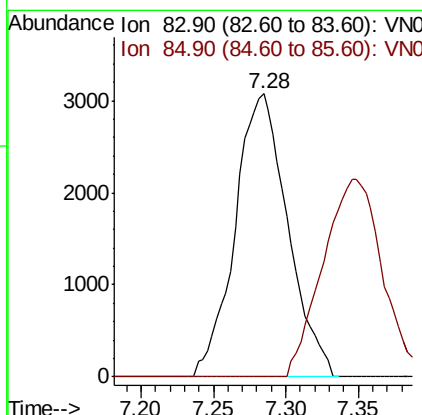
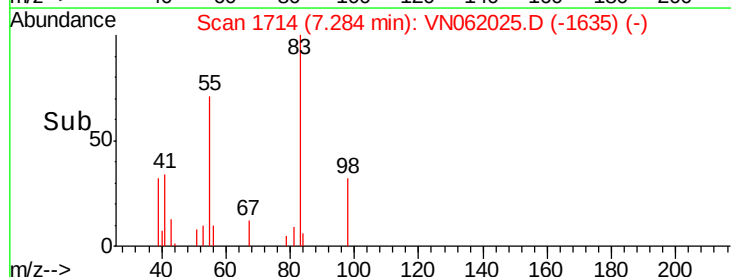
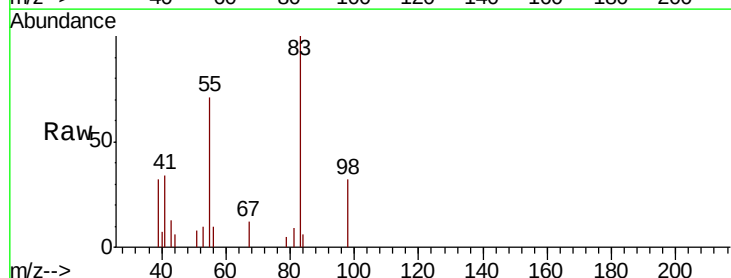
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7.5

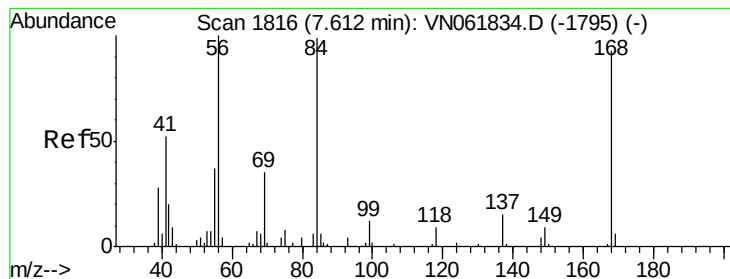
Tot Ion: 43 Resp: 6280
 Ion Ratio Lower Upper
 43 100
 72 9.8 24.6 37.0#



#30
 Chloroform
 Concen: 2.139 ug/l
 RT: 7.28 min Scan# 1714
 Delta R.T. -0.05 min
 Lab File: VN062025.D
 Acq: 23 Jun 2020 2:45

Tgt Ion: 83 Resp: 7779
 Ion Ratio Lower Upper
 83 100
 85 0.0 52.0 78.0#





#31

Cyclohexane

Concen: 9.289 ug/l

RT: 7.60 min Scan# 1812

Delta R.T. -0.01 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

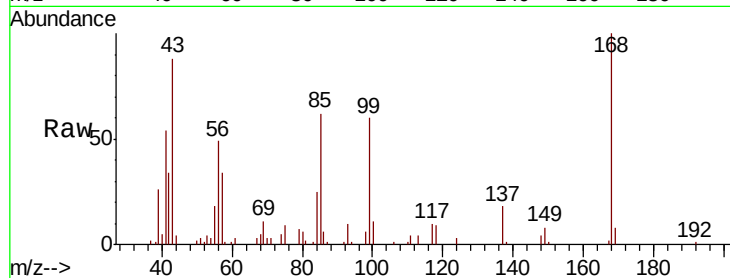
Tot Ion: 56 Resp: 27670

Ion Ratio Lower Upper

56 100

69 19.0 27.7 41.5#

84 50.4 79.1 118.7#

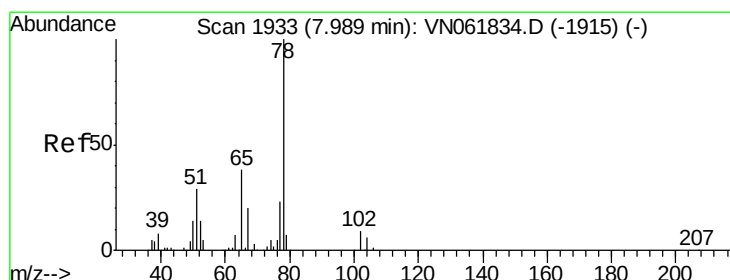
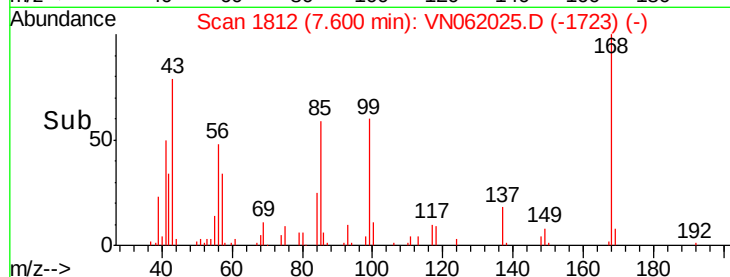
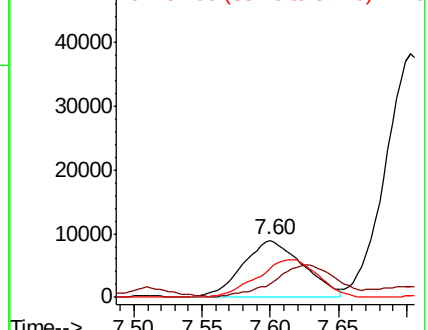


Abundance

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: 48.242 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062025.D

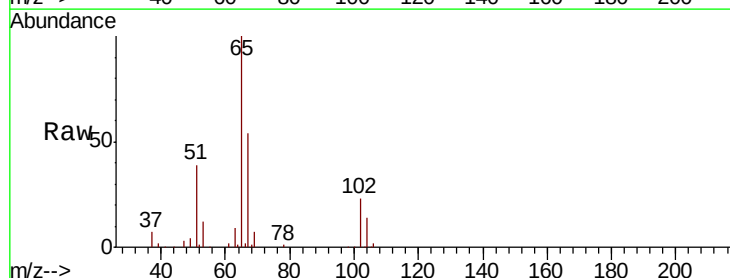
Acq: 23 Jun 2020 2:45

Tgt Ion: 65 Resp: 109044

Ion Ratio Lower Upper

65 100

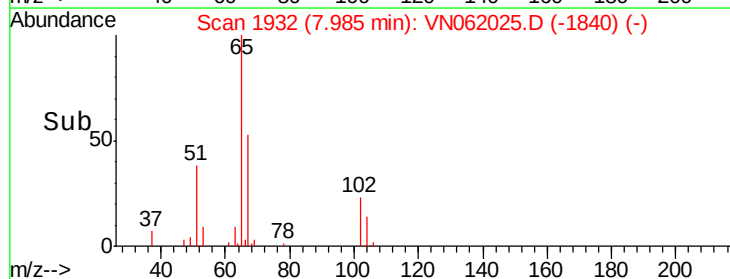
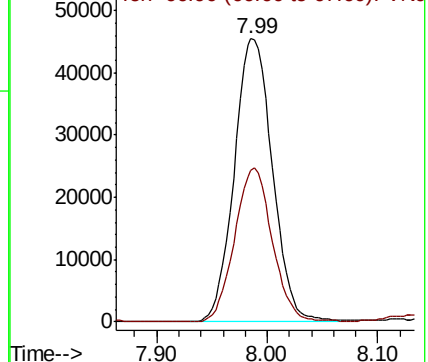
67 53.6 0.0 106.2

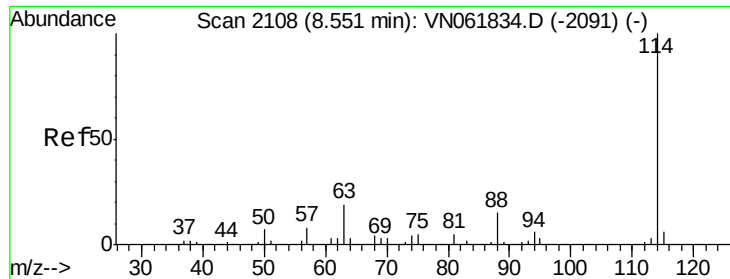


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

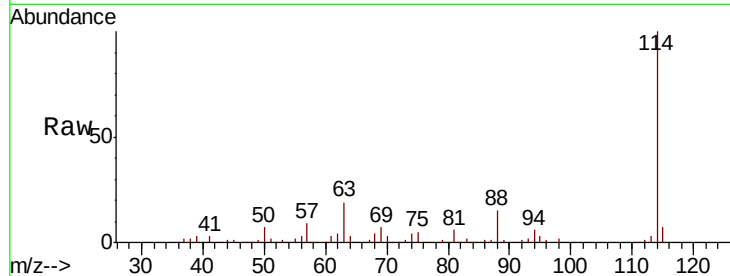




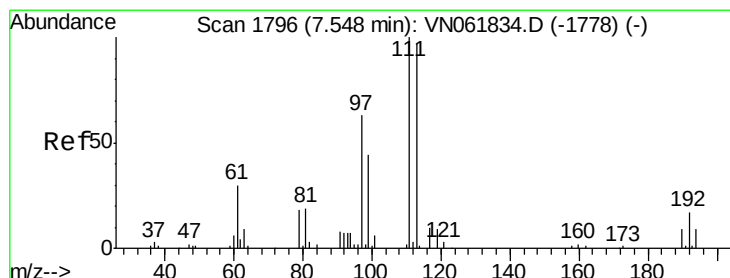
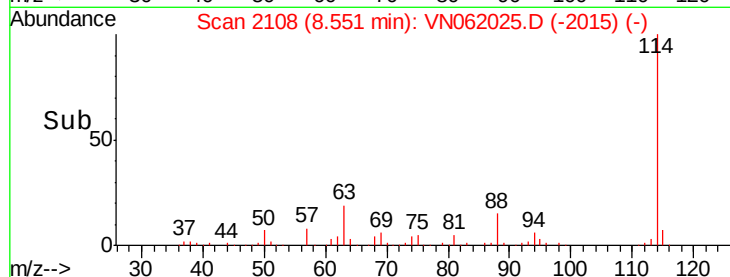
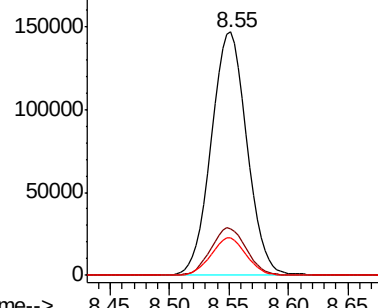
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062025.D
 Acq: 23 Jun 2020 2:45

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7.5

Tot Ion:114 Resp: 304874
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.6
 88 15.4 0.0 31.0

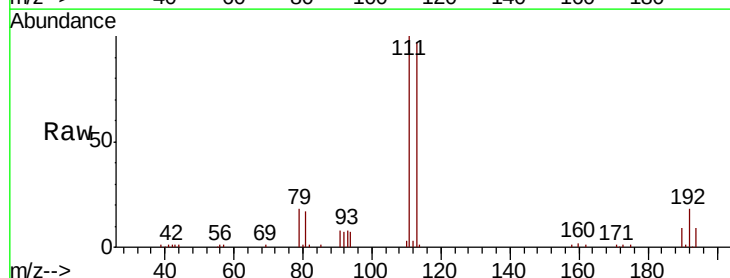


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

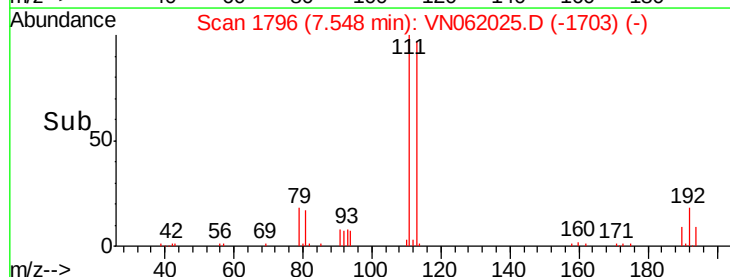
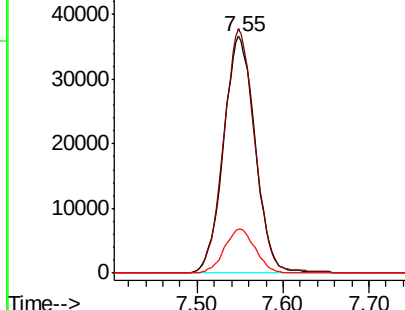


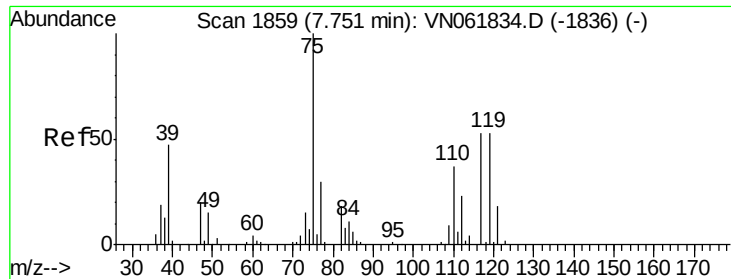
#35
 Dibromofluoromethane
 Concen: 47.928 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062025.D
 Acq: 23 Jun 2020 2:45

Tgt Ion:113 Resp: 93480
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.7 125.5
 192 18.1 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: 4.780 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

TW-7.5

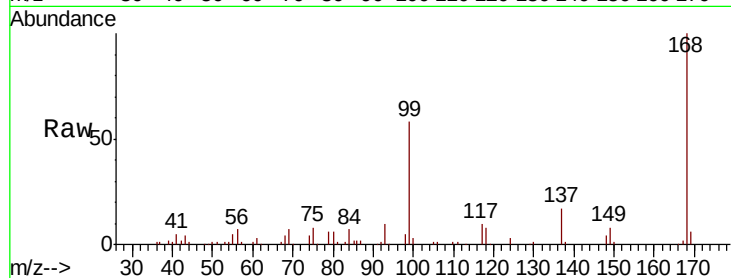
Tot Ion: 75 Resp: 13293

Ion Ratio Lower Upper

75 100

110 7.5 18.2 54.6#

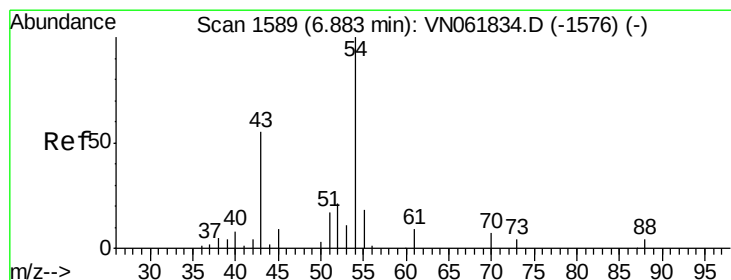
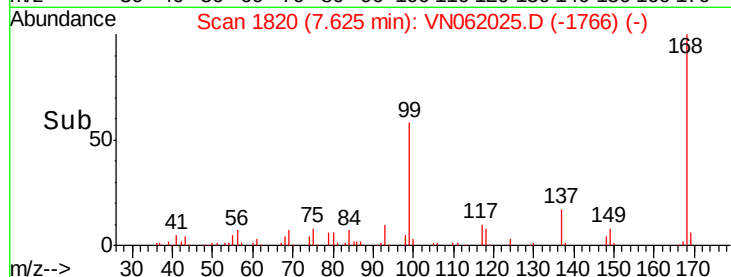
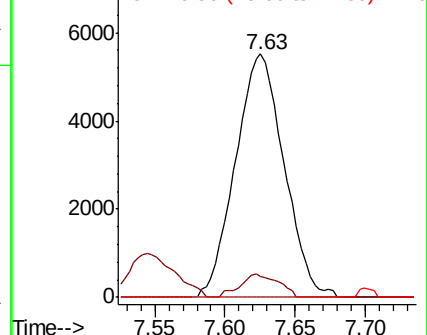
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 2.892 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.10 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

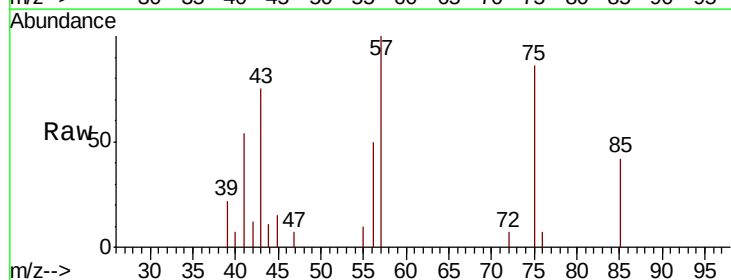
Tgt Ion: 43 Resp: 6280

Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

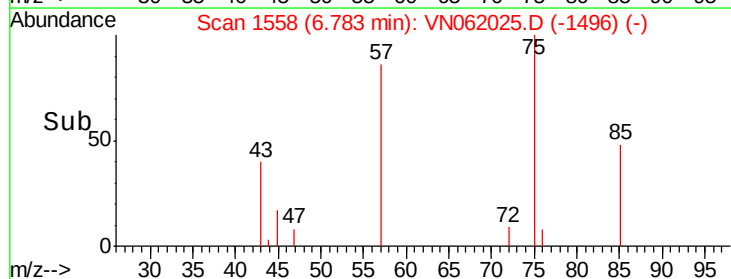
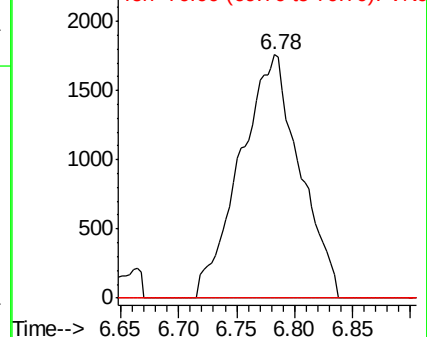
70 0.0 9.4 14.2#

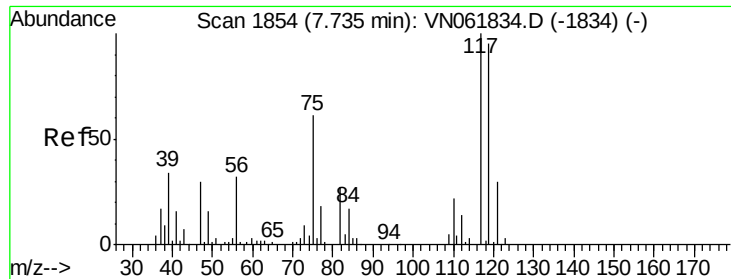


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.254 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

TW-7.5

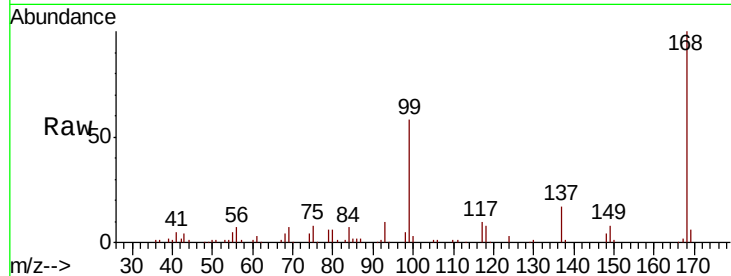
Tot Ion:117 Resp: 17221

Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.6#

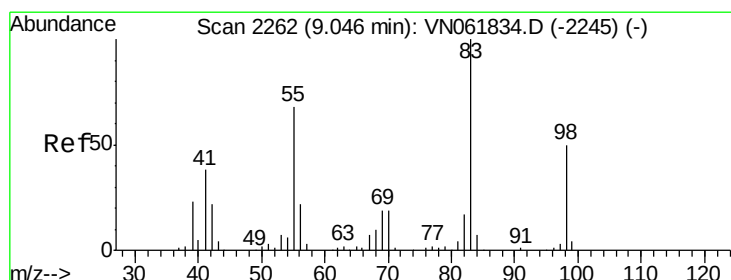
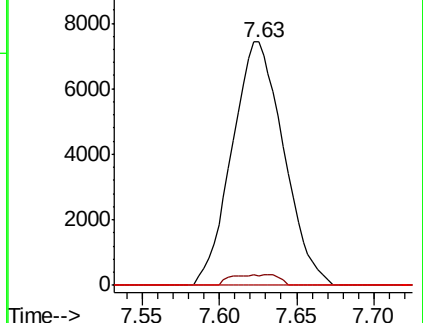
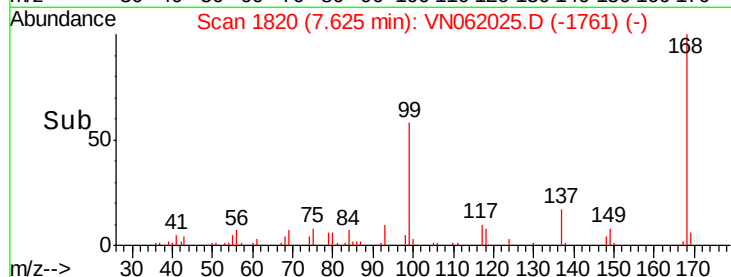
121 0.0 23.8 35.6#



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



#39

Methylcyclohexane

Concen: 8.623 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

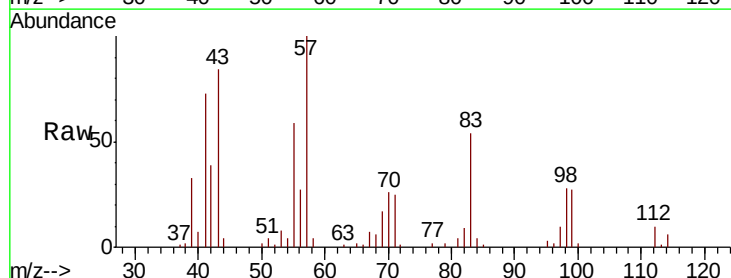
Tgt Ion: 83 Resp: 25821

Ion Ratio Lower Upper

83 100

55 106.9 54.2 81.4#

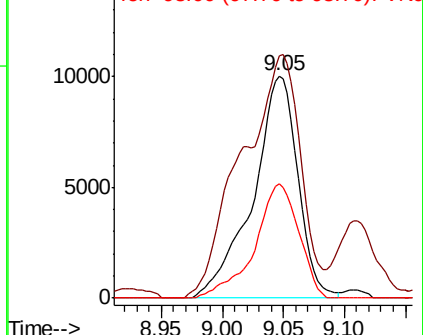
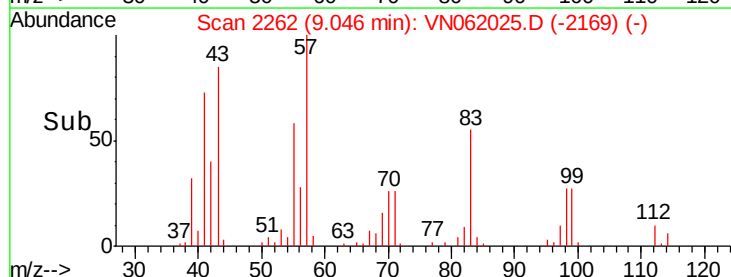
98 51.4 39.8 59.6

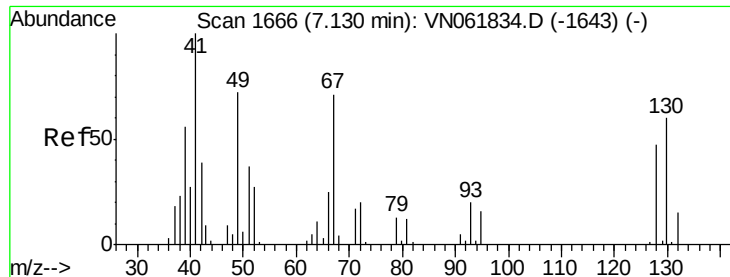


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

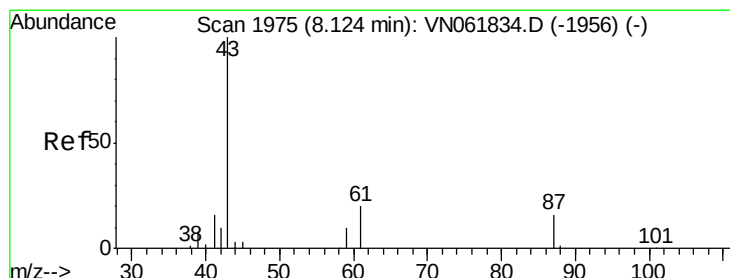
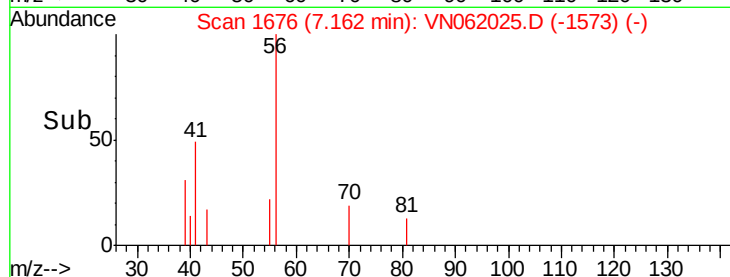
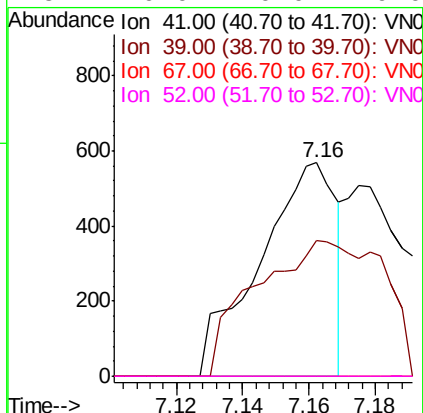
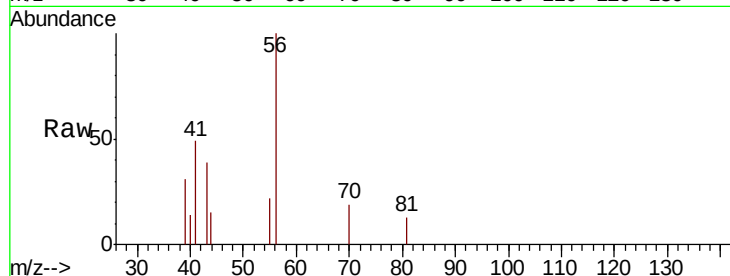




#41
Methacrylonitrile
Concen: 0.984 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.03 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

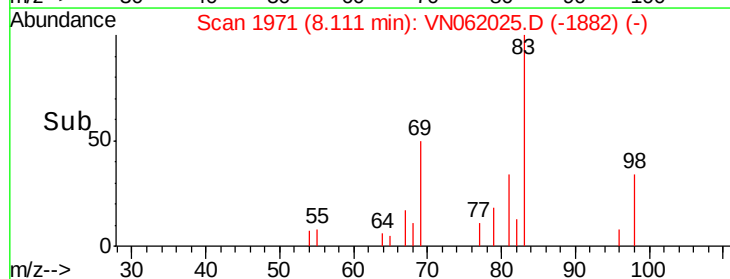
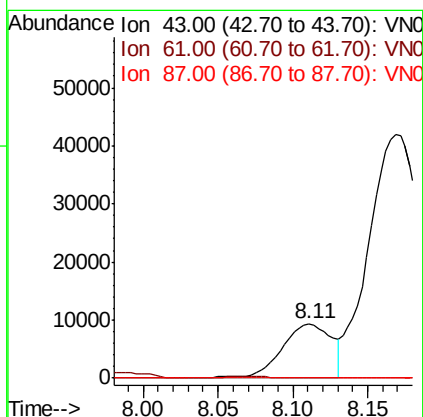
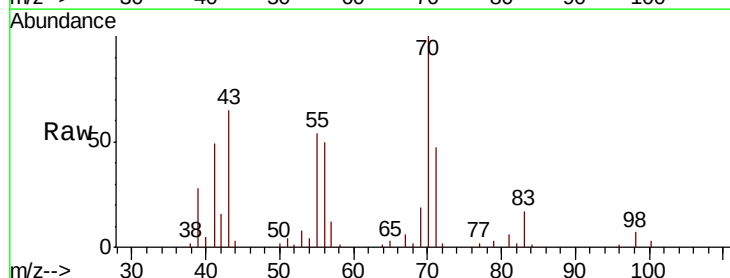
Instrument :
MSVOA_N
ClientSampled :
TW-7.5

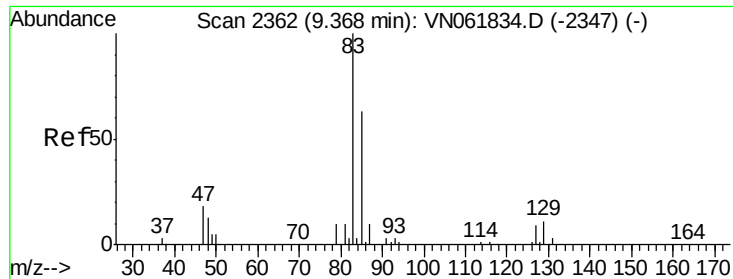
Tot Ion:	41	Resp:	914
Ion	Ratio	Lower	Upper
41	100		
39	105.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 5.948 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.01 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion:	43	Resp:	21767
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.0	36.0#
87	0.0	12.5	18.7#

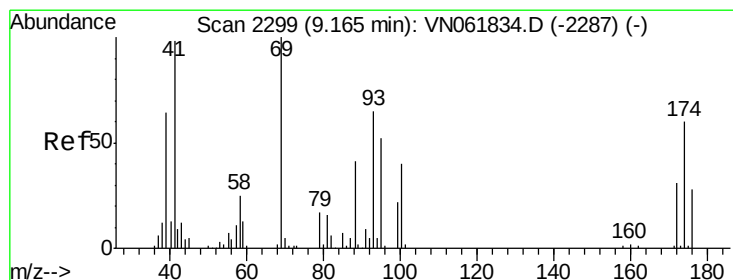
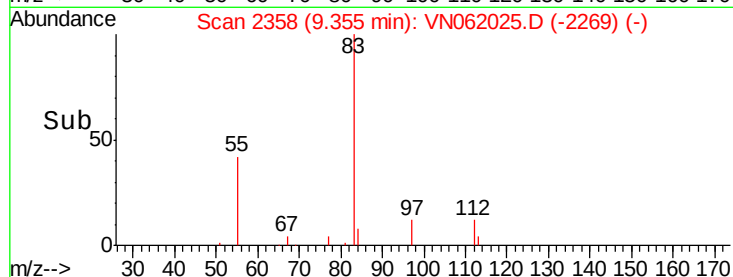
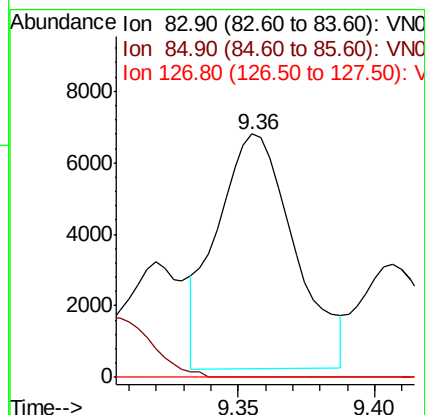
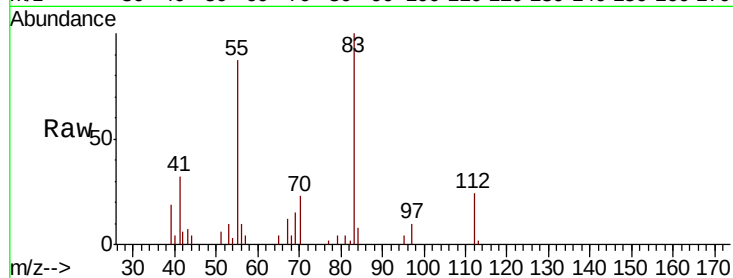




#47
Bromodichloromethane
Concen: 4.318 ug/l
RT: 9.36 min Scan# 2358
Delta R.T. -0.01 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

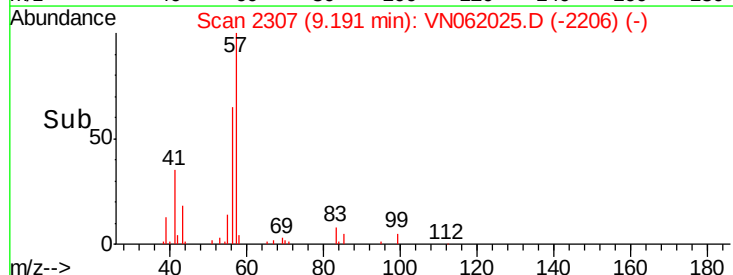
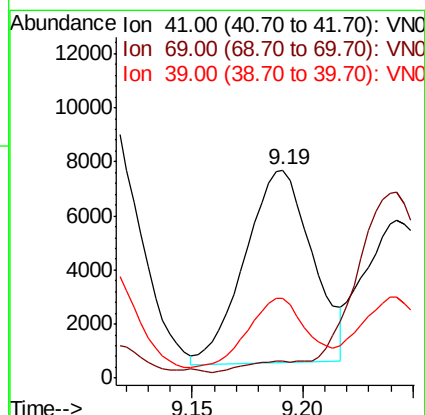
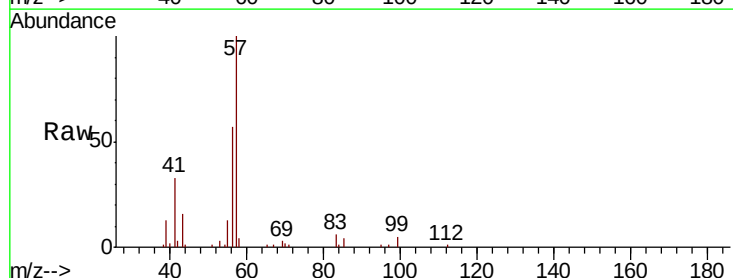
Instrument :
MSVOA_N
ClientSampled :
TW-7.5

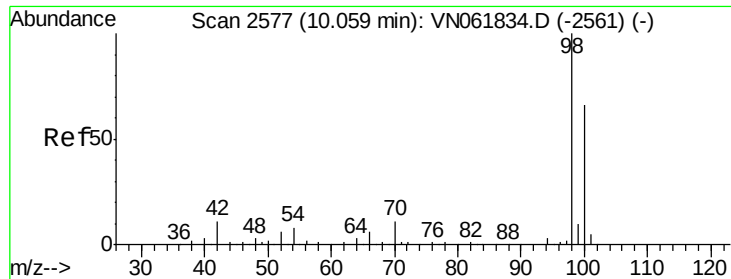
Tot Ion: 83 Resp: 12888
Ion Ratio Lower Upper
83 100
85 0.0 50.8 76.2#
127 0.0 7.0 10.4#



#48
Methyl methacrylate
Concen: 9.109 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.03 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion: 41 Resp: 15159
Ion Ratio Lower Upper
41 100
69 3.8 83.0 124.4#
39 32.1 55.1 82.7#





#50

Toluene-d8

Concen: 50.338 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

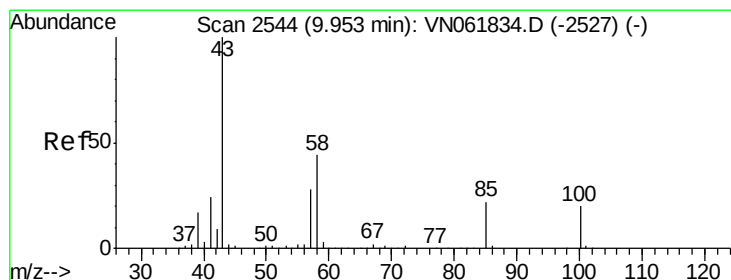
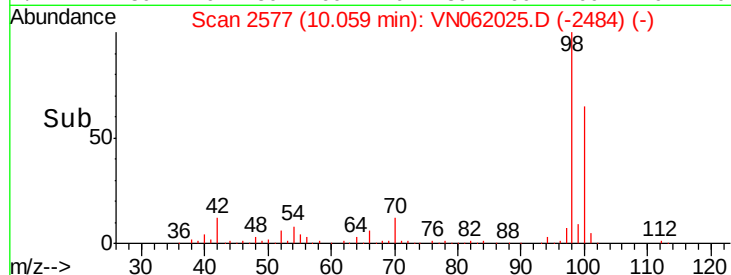
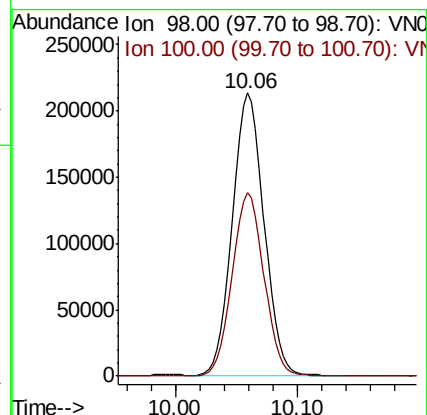
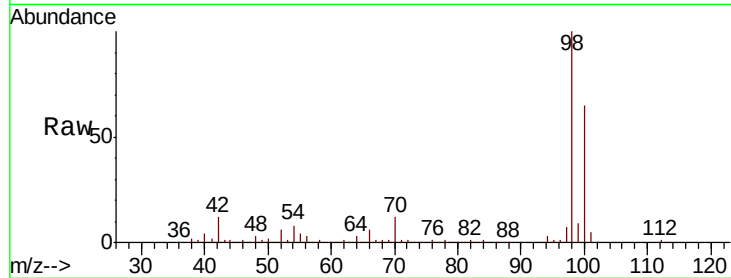
TW-7.5

Tot Ion: 98 Resp: 385987

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 8.187 ug/l

RT: 9.99 min Scan# 2557

Delta R.T. 0.04 min

Lab File: VN062025.D

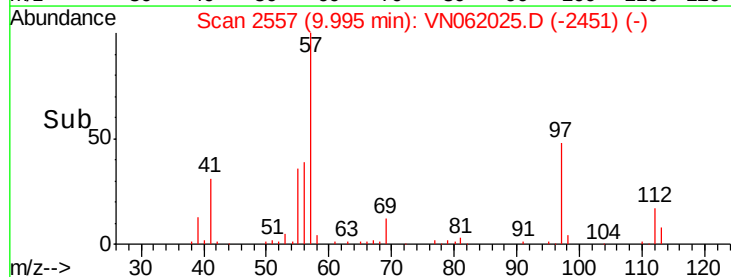
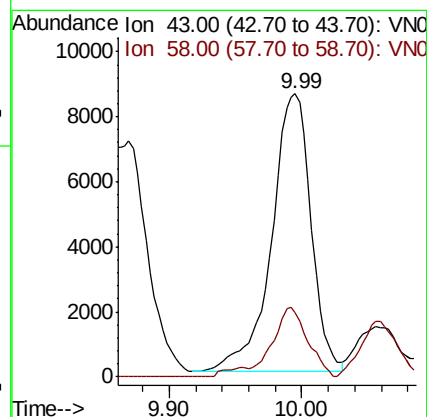
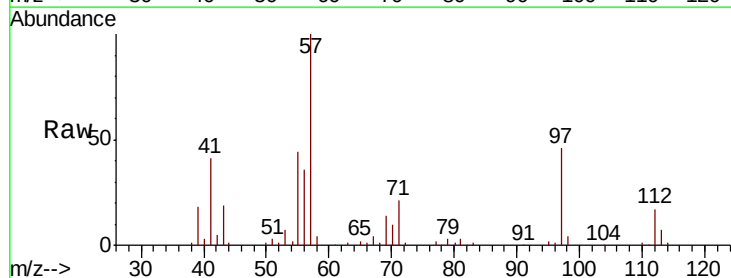
Acq: 23 Jun 2020 2:45

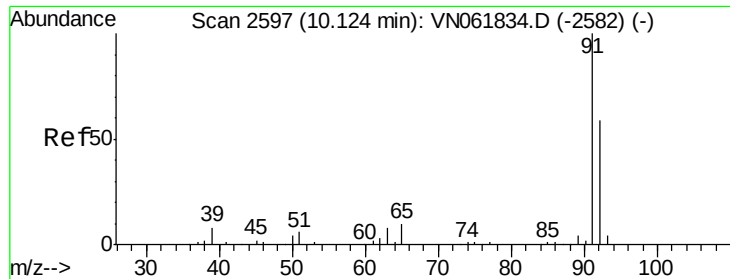
Tgt Ion: 43 Resp: 17705

Ion Ratio Lower Upper

43 100

58 21.9 34.6 52.0#





#52

Toluene

Concen: 0.375 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

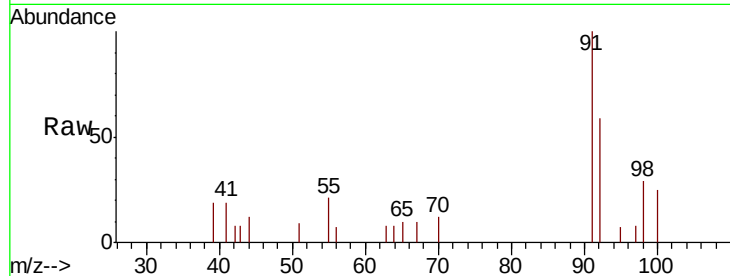
TW-7.5

Tot Ion: 92 Resp: 1983

Ion Ratio Lower Upper

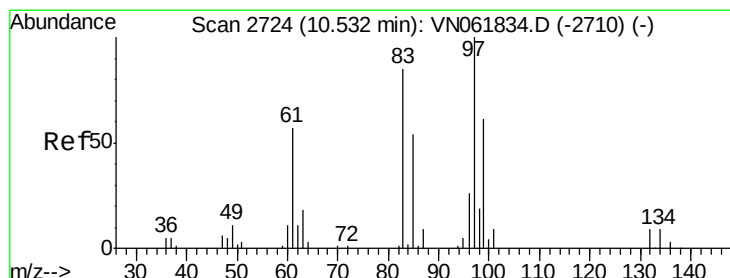
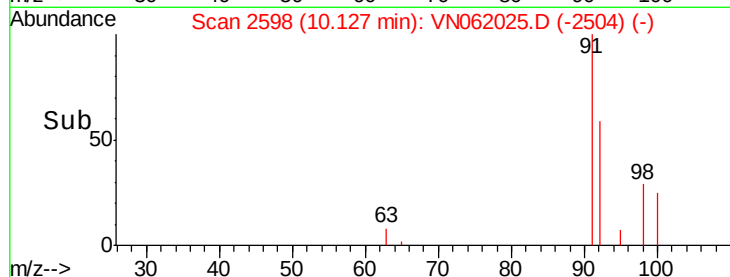
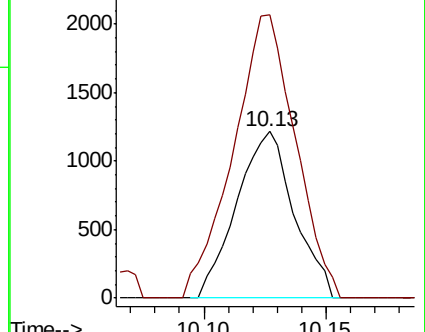
92 100

91 184.2 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)



#55

1,1,2-Trichloroethane

Concen: 7.056 ug/l

RT: 10.50 min Scan# 2714

Delta R.T. -0.03 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Tgt Ion: 97 Resp: 14687

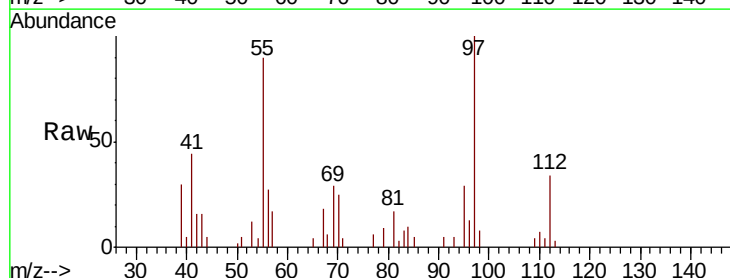
Ion Ratio Lower Upper

97 100

83 5.9 67.7 101.5#

85 5.3 43.4 65.0#

99 0.0 48.8 73.2#

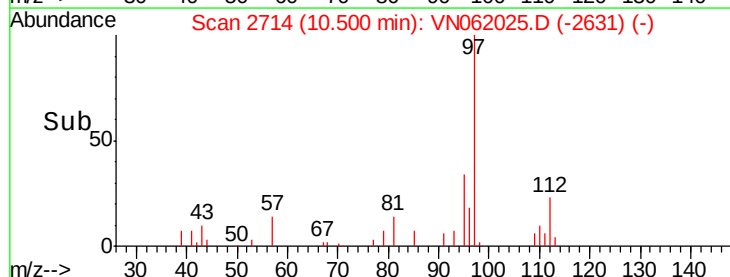
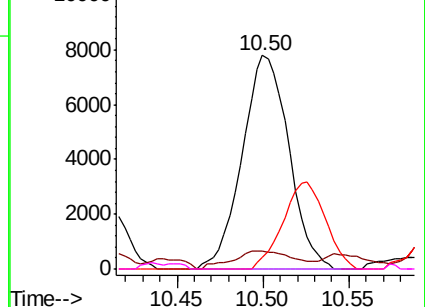


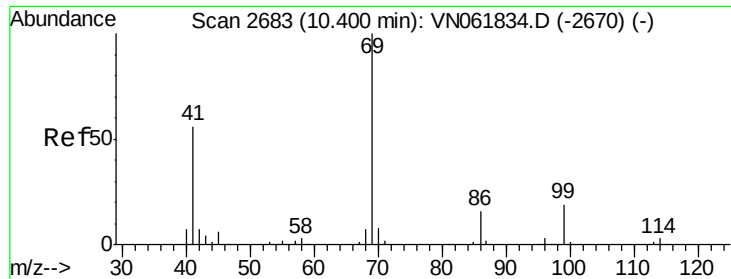
Abundance Ion 96.90 (96.60 to 97.60): VN061834.D (-2710) (-)

Ion 82.90 (82.60 to 83.60): VN061834.D (-2710) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-2710) (-)

Ion 98.90 (98.60 to 99.60): VN061834.D (-2710) (-)





#56

Ethyl methacrylate

Concen: 3.466 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

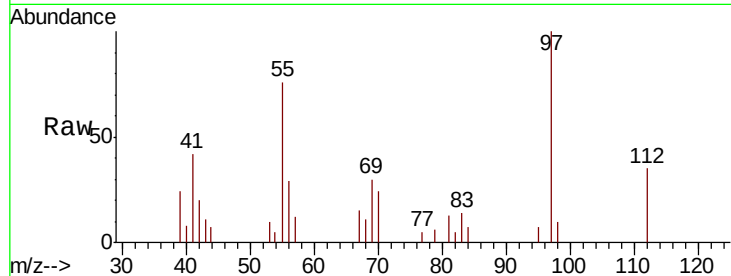
Tot Ion: 69 Resp: 1901

Ion Ratio Lower Upper

69 100

41 92.6 44.9 67.3#

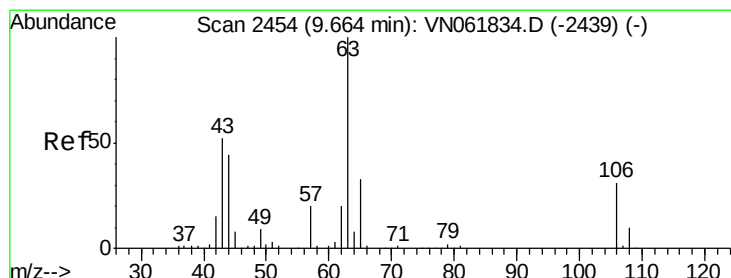
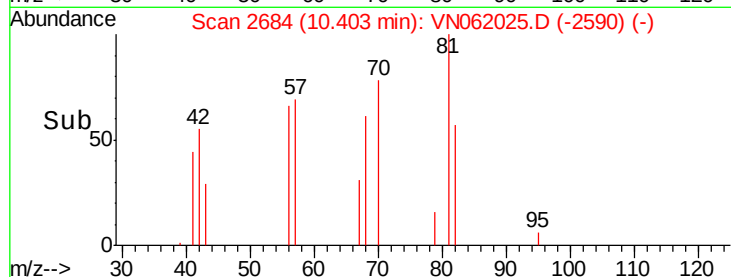
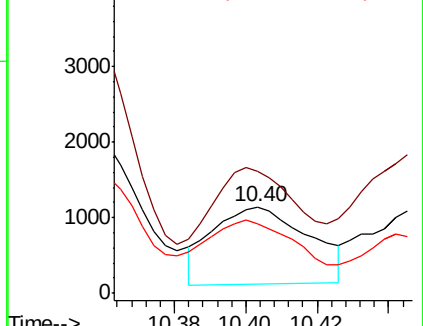
39 46.4 30.0 45.0#



Abundance Ion 69.00 (68.70 to 69.70): VN061834.D (-2670) (-)

Ion 41.00 (40.70 to 41.70): VN061834.D (-2670) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-2670) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 1.131 ug/l

RT: 9.62 min Scan# 2439

Delta R.T. -0.05 min

Lab File: VN062025.D

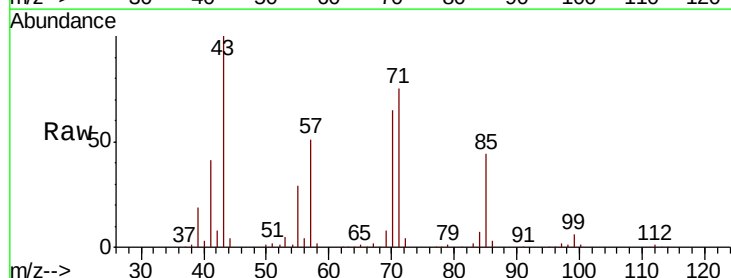
Acq: 23 Jun 2020 2:45

Tgt Ion: 63 Resp: 1242

Ion Ratio Lower Upper

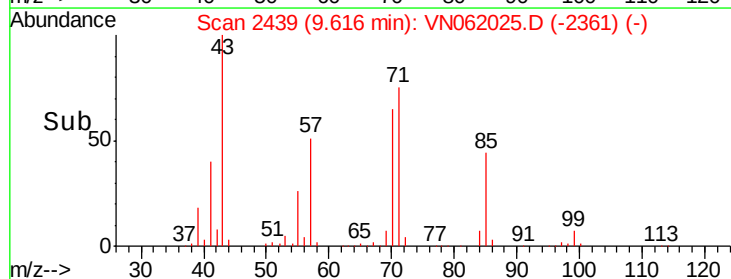
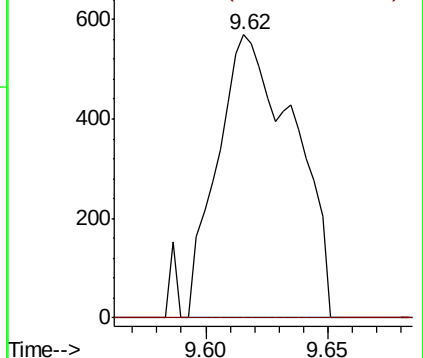
63 100

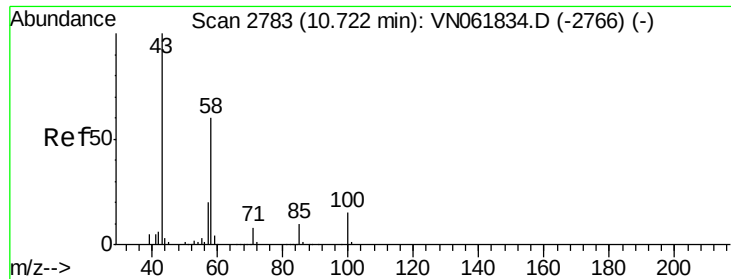
106 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-2439) (-)

Ion 105.90 (105.60 to 106.60): VN061834.D (-2439) (-)

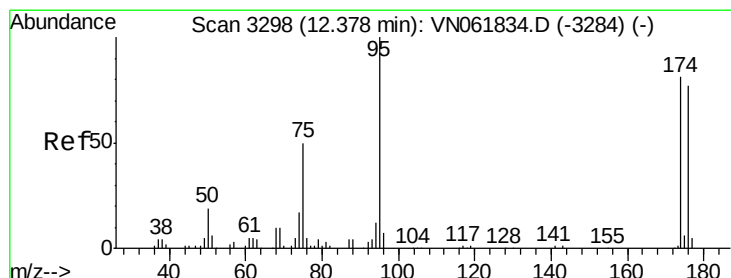
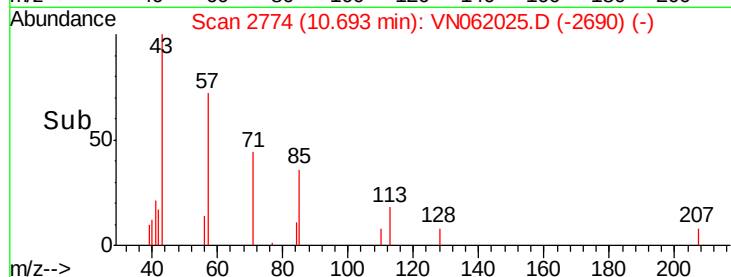
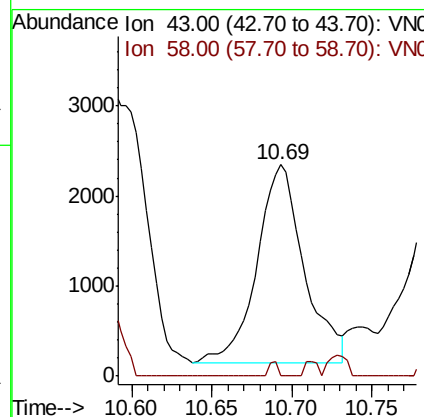
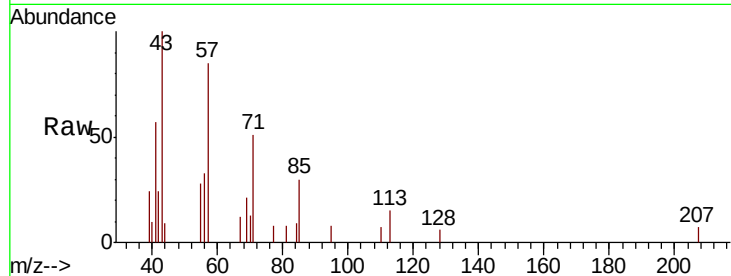




#59
2-Hexanone
Concen: 15.854 ug/l
RT: 10.69 min Scan# 2774
Delta R.T. -0.03 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

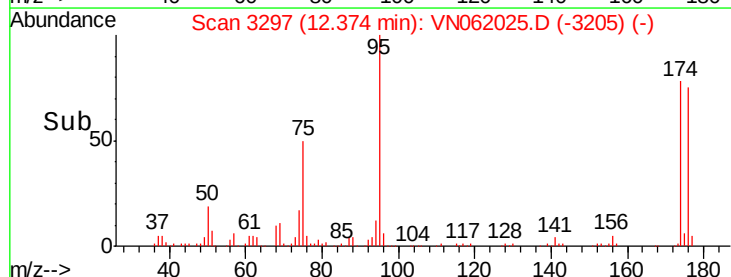
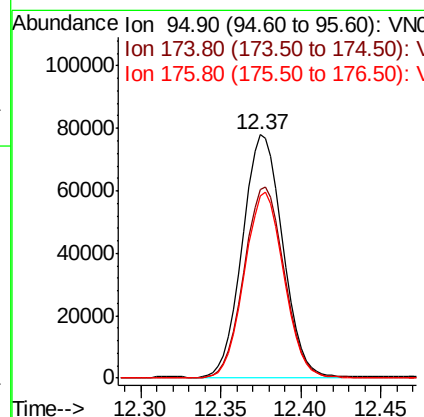
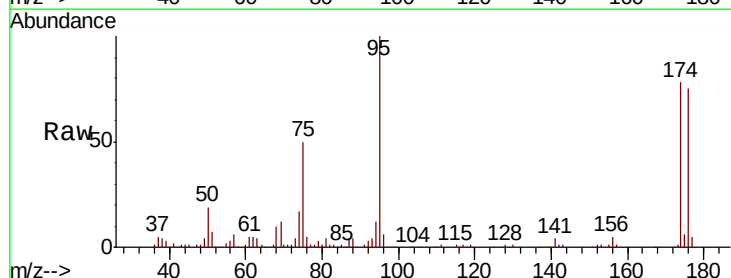
Instrument :
MSVOA_N
ClientSampleId :
TW-7.5

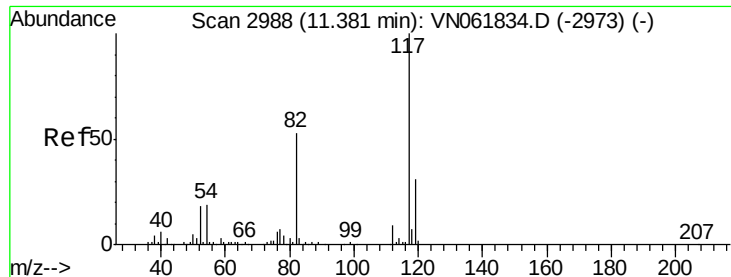
Tot Ion: 43 Resp: 4468
Ion Ratio Lower Upper
43 100
58 1.3 30.1 90.5#



#62
4-Bromofluorobenzene
Concen: 50.566 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion: 95 Resp: 133000
Ion Ratio Lower Upper
95 100
174 79.6 0.0 158.6
176 76.2 0.0 152.0

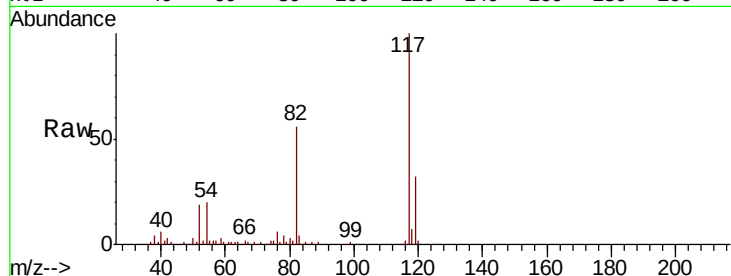




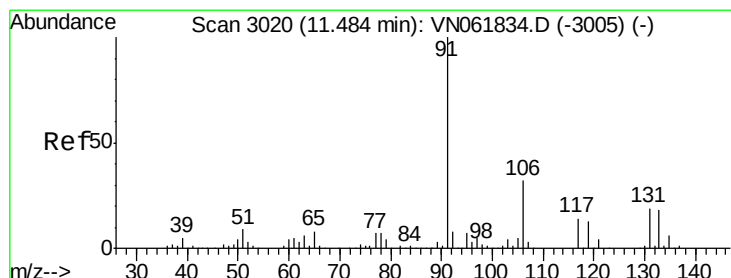
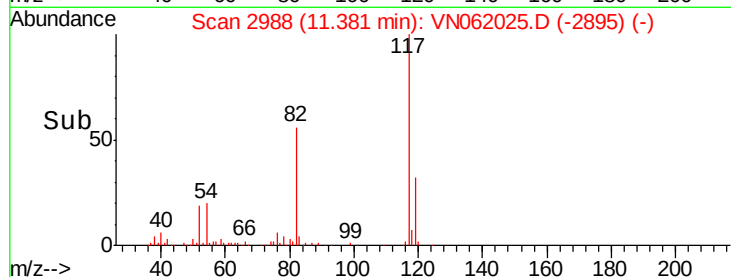
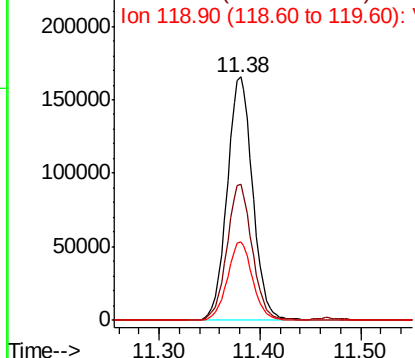
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
TW-7.5

Tot Ion:117 Resp: 291989
Ion Ratio Lower Upper
117 100
82 55.5 42.6 64.0
119 32.3 24.7 37.1

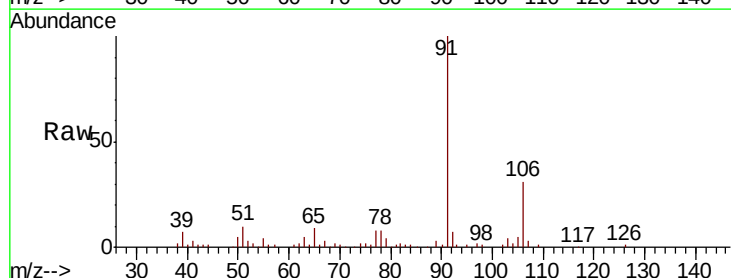


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

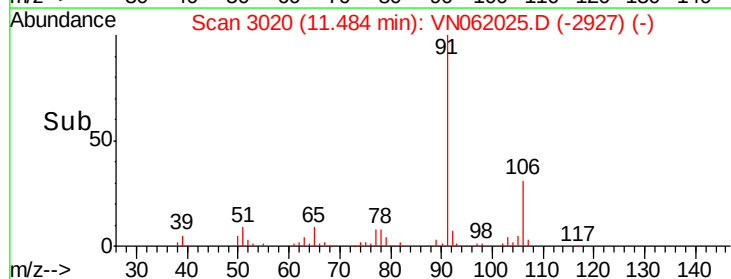
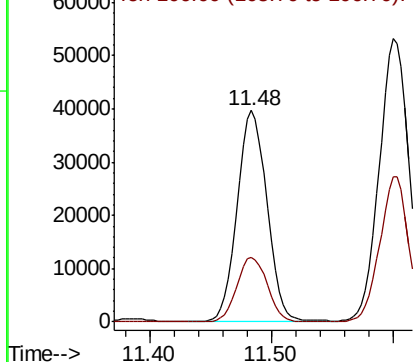


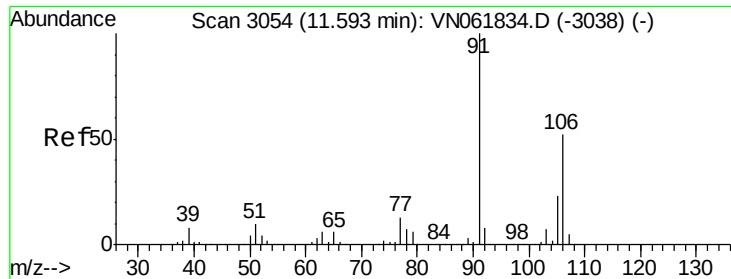
#67
Ethyl Benzene
Concen: 6.523 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion: 91 Resp: 67385
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2



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

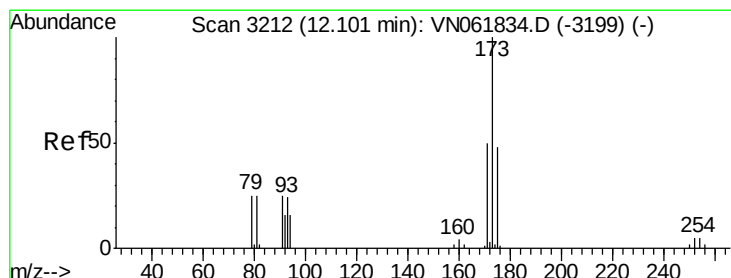
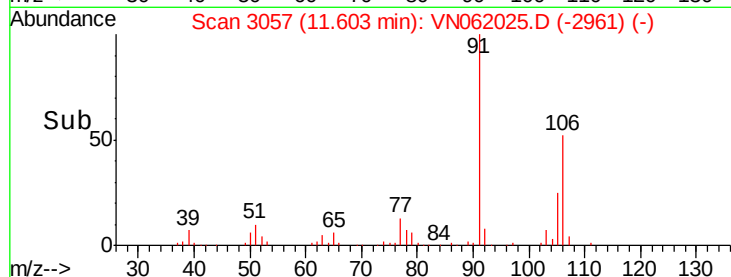
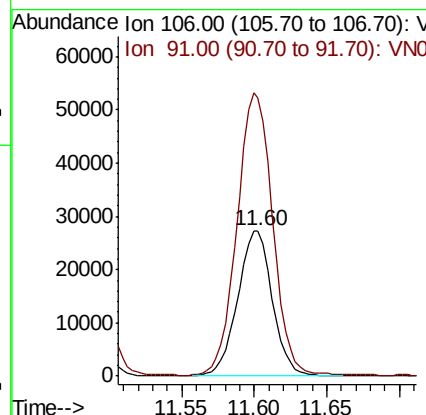
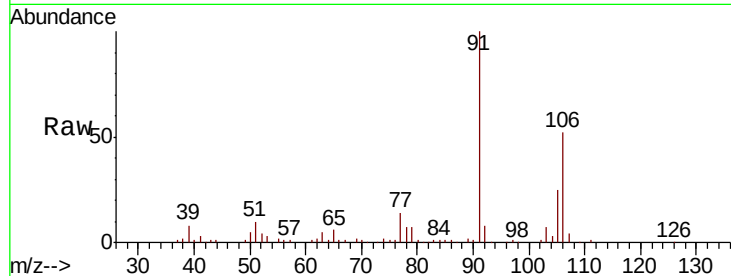




#68
m/p-Xvlenes
Concen: 11.338 ug/l
RT: 11.60 min Scan# 3057
Delta R.T. 0.01 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

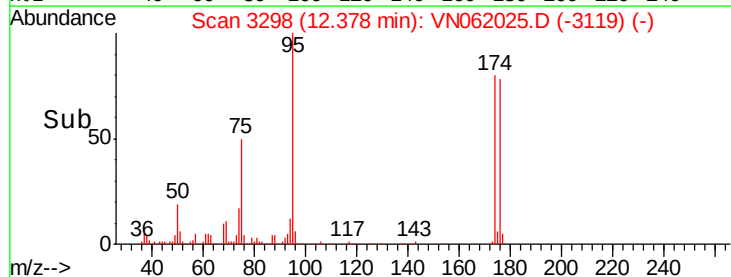
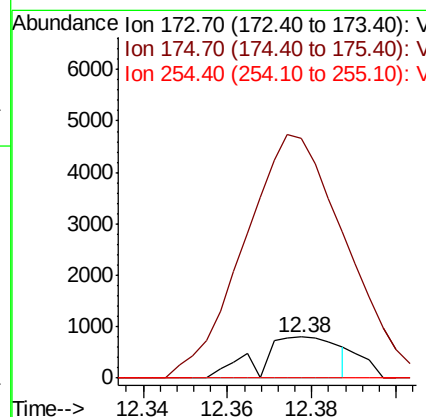
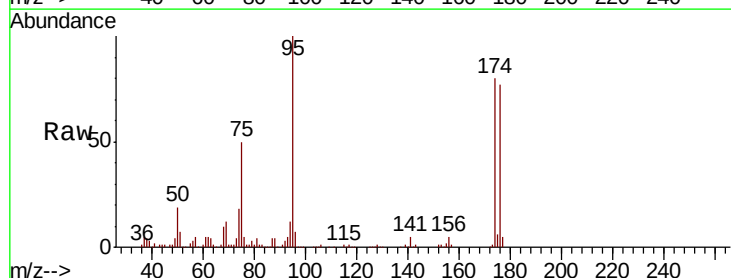
Instrument :
MSVOA_N
ClientSampleId :
TW-7.5

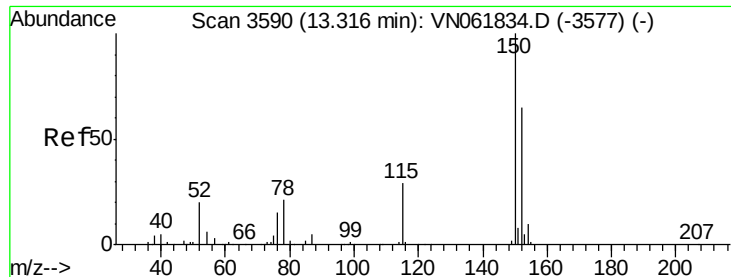
Tot Ion:106 Resp: 45162
Ion Ratio Lower Upper
106 100
91 199.7 157.0 235.6



#71
Bromoform
Concen: 0.655 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion:173 Resp: 1026
Ion Ratio Lower Upper
173 100
175 662.6 23.9 71.7#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

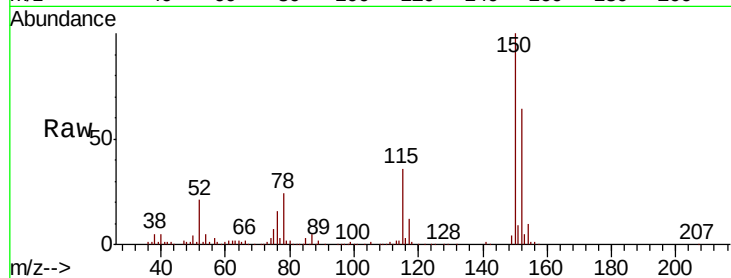
Tot Ion:152 Resp: 124133

Ion Ratio Lower Upper

152 100

115 60.2 29.1 87.3

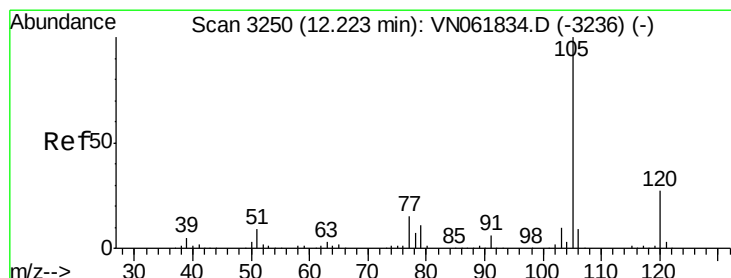
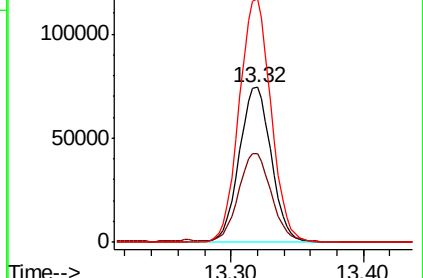
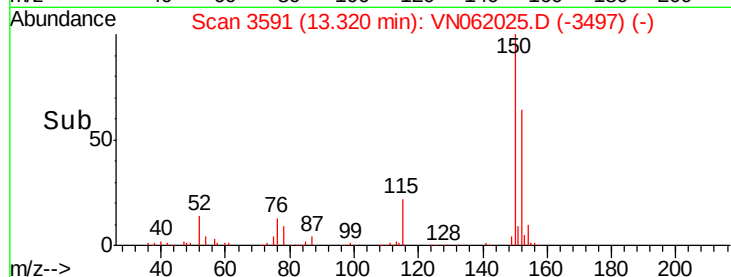
150 156.9 0.0 347.6



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: 12.610 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062025.D

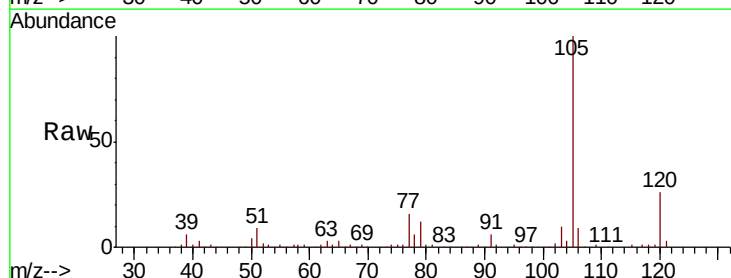
Acq: 23 Jun 2020 2:45

Tgt Ion:105 Resp: 111235

Ion Ratio Lower Upper

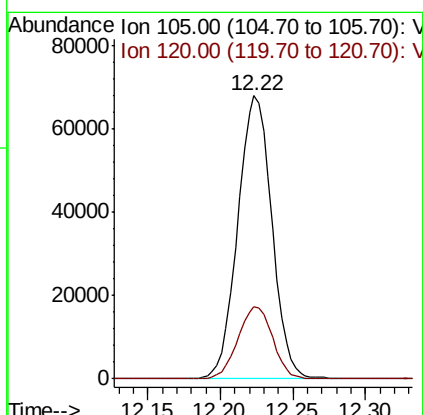
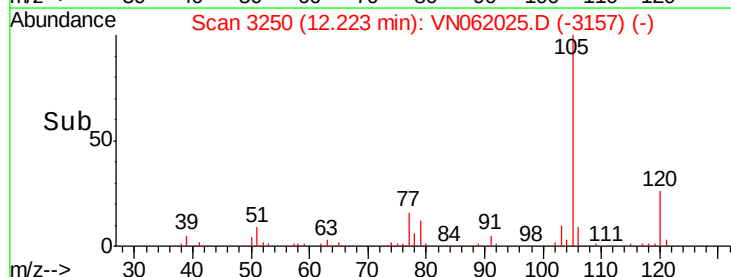
105 100

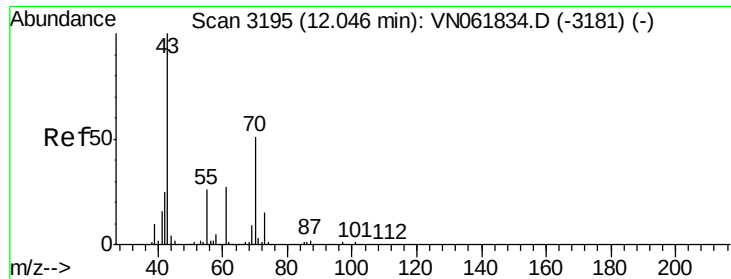
120 25.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 3.396 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.02 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

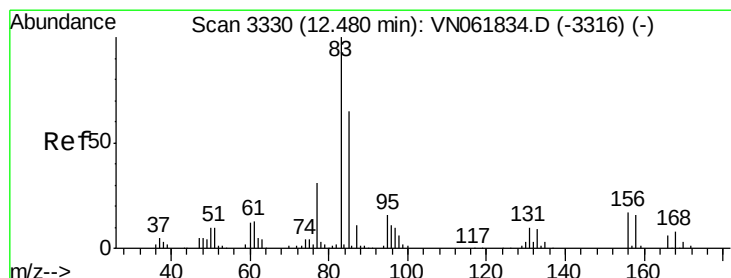
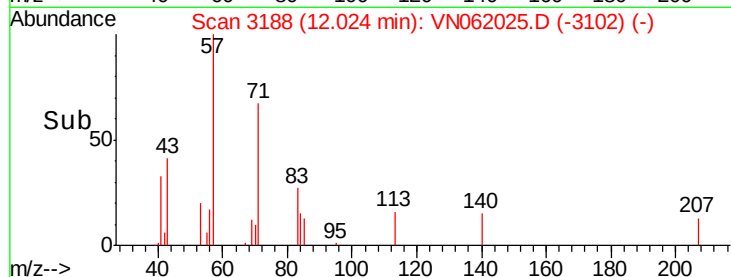
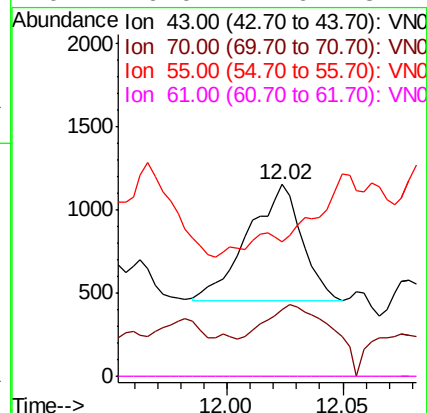
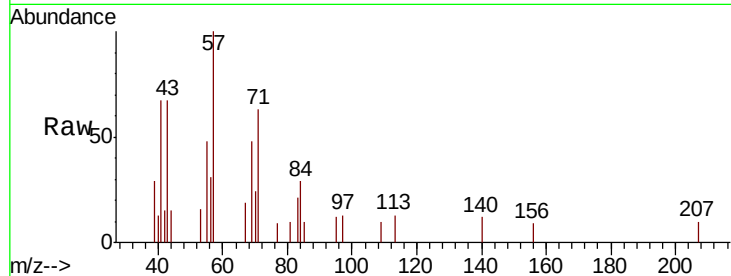
MSVOA_N

ClientSampled :

TW-7.5

Tot Ion: 43 Resp: 1128

Ion	Ratio	Lower	Upper
43	100		
70	83.7	40.6	60.8#
55	28.2	21.5	32.3
61	0.0	21.6	32.4#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.265 ug/l

RT: 12.46 min Scan# 3323

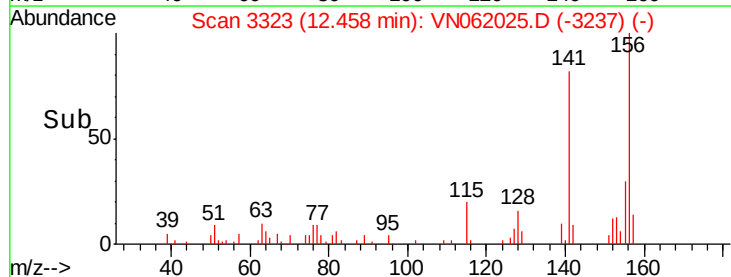
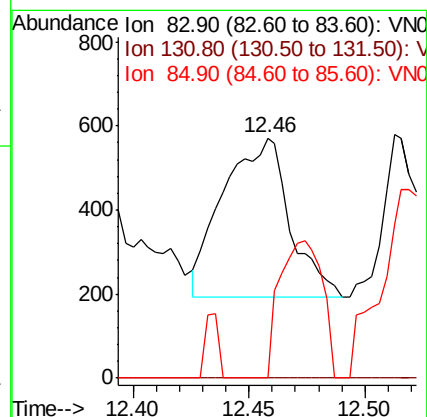
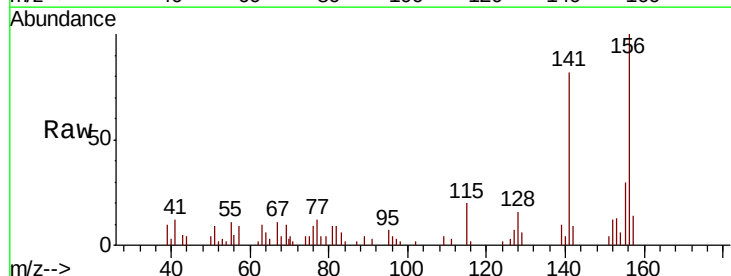
Delta R.T. -0.02 min

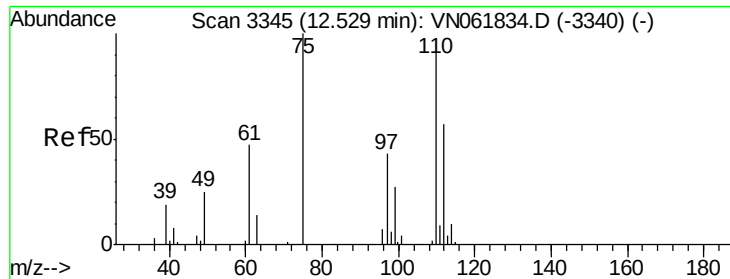
Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Tgt Ion: 83 Resp: 760

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	54.7	32.4	97.2

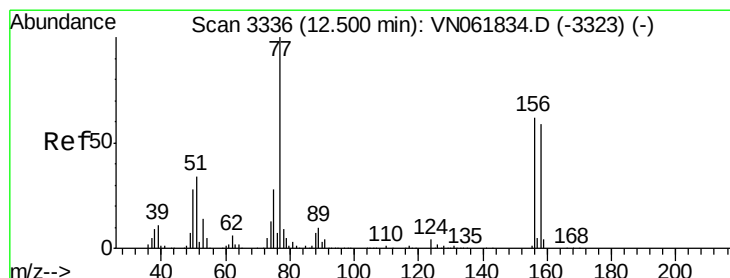
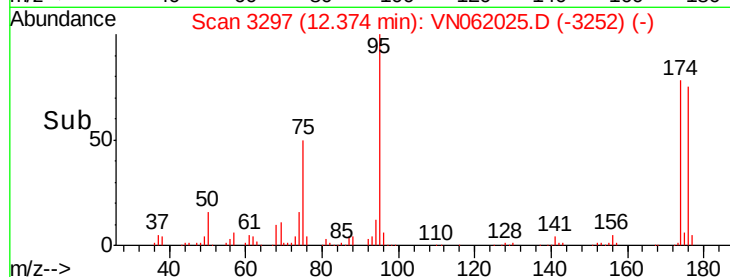
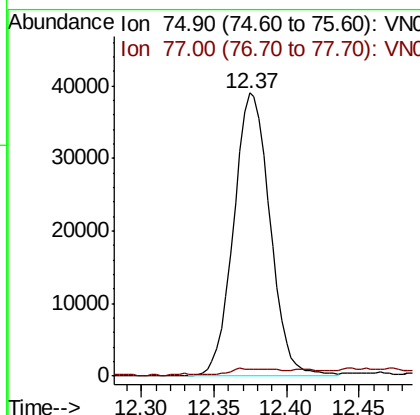
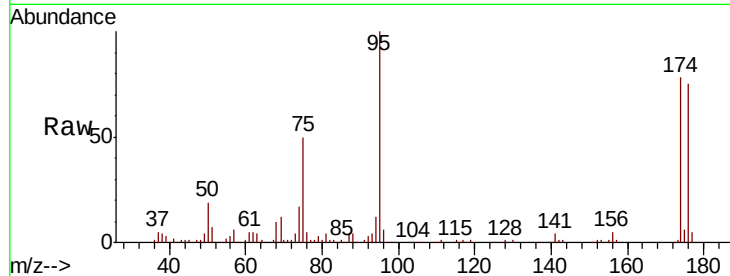




#76
 1,2,3-Trichloropropane
 Concen: 27.910 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.15 min
 Lab File: VN062025.D
 Acq: 23 Jun 2020 2:45

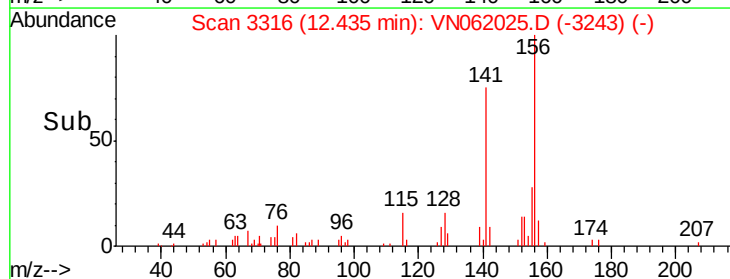
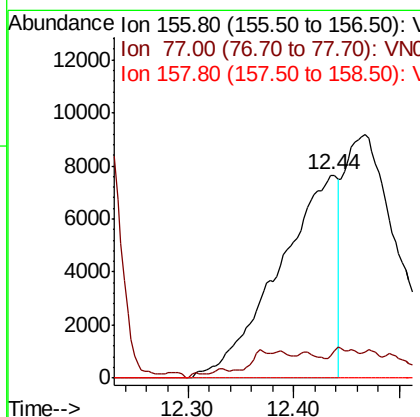
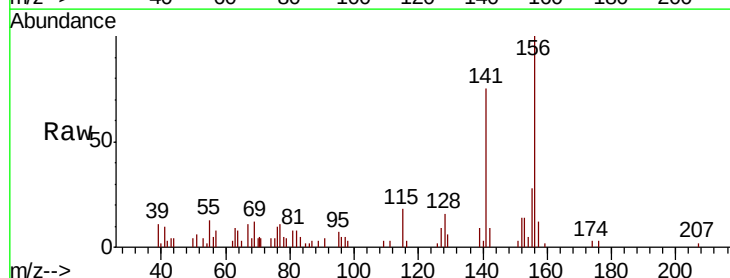
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7.5

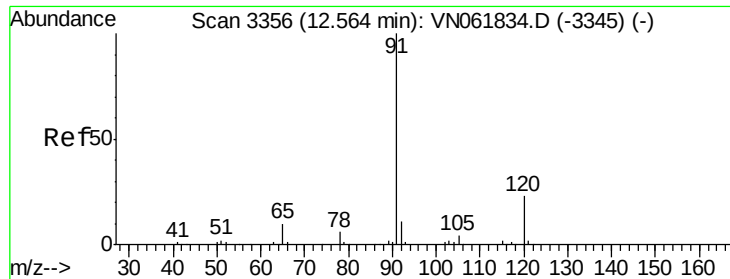
Tot Ion: 75 Resp: 68017
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#77
 Bromobenzene
 Concen: 13.301 ug/l
 RT: 12.44 min Scan# 3316
 Delta R.T. -0.06 min
 Lab File: VN062025.D
 Acq: 23 Jun 2020 2:45

Tgt Ion: 156 Resp: 29600
 Ion Ratio Lower Upper
 156 100
 77 0.0 100.7 302.1#
 158 0.0 48.5 145.5#





#78

n-propylbenzene

Concen: 19.228 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampled :

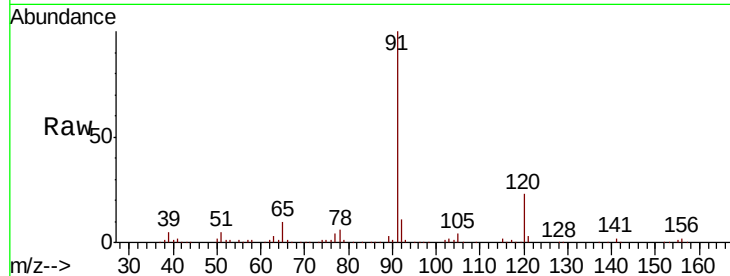
TW-7.5

Tot Ion: 91 Resp: 193536

Ion Ratio Lower Upper

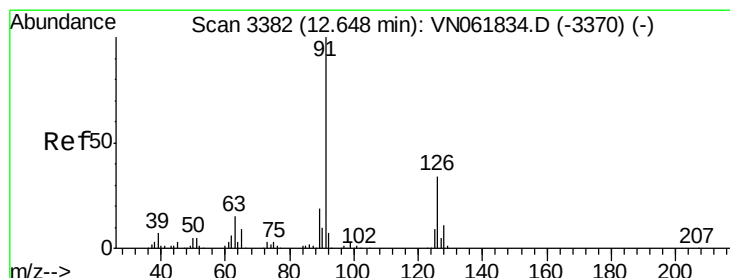
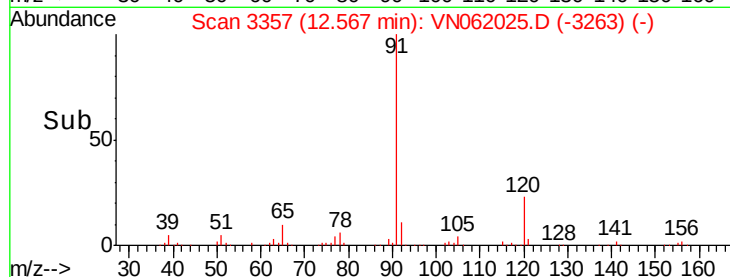
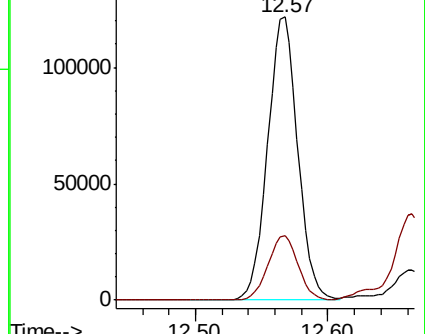
91 100

120 22.8 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 3.993 ug/l

RT: 12.66 min Scan# 3386

Delta R.T. 0.01 min

Lab File: VN062025.D

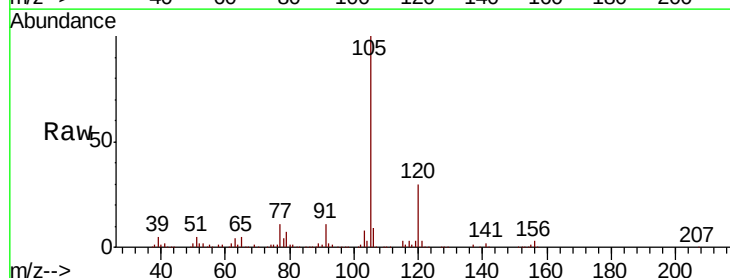
Acq: 23 Jun 2020 2:45

Tgt Ion: 91 Resp: 24140

Ion Ratio Lower Upper

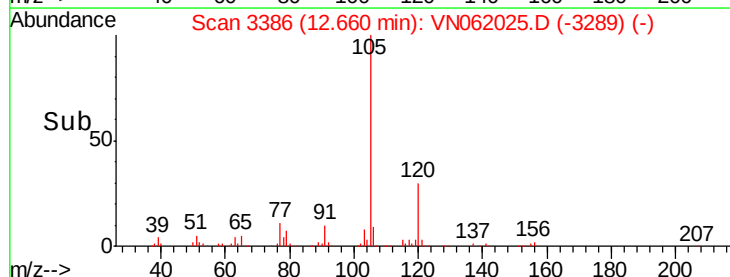
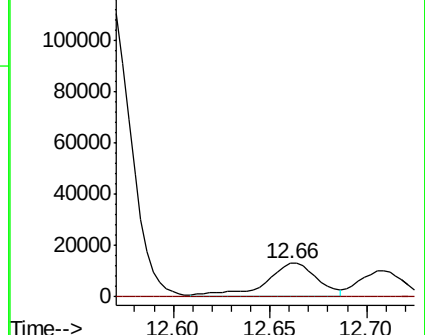
91 100

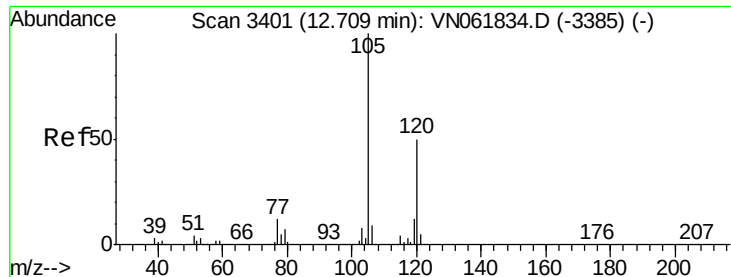
126 0.4 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

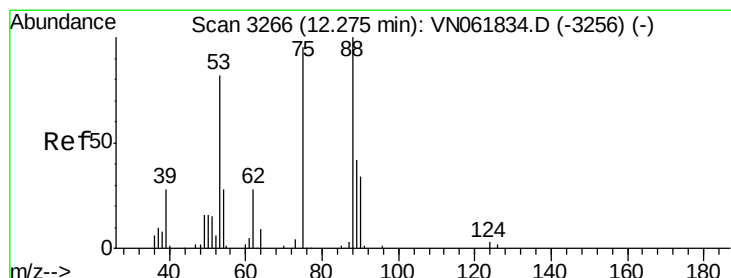
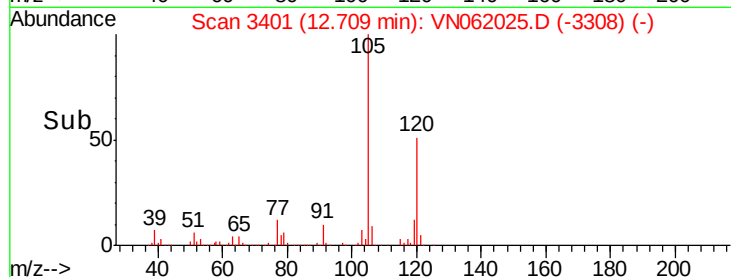
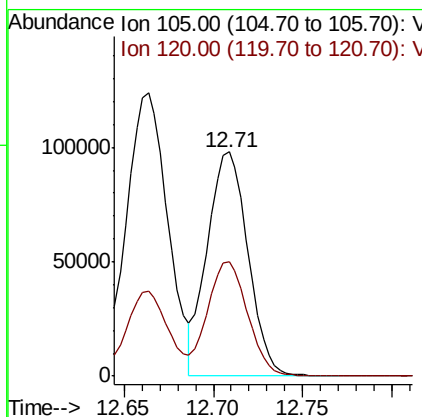
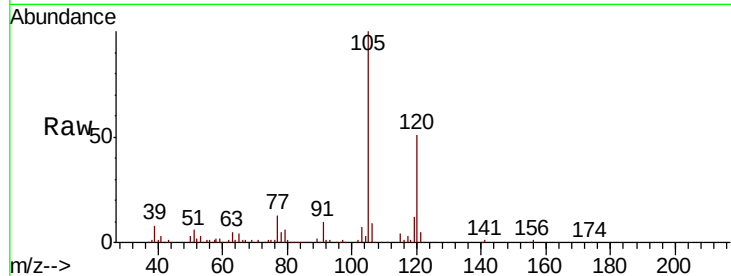




#80
 1,3,5-Trimethylbenzene
 Concen: 21.080 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062025.D
 Acq: 23 Jun 2020 2:45

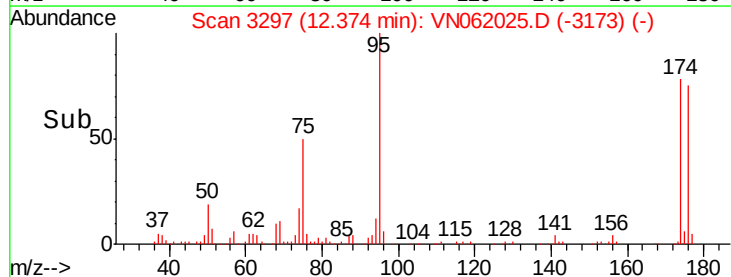
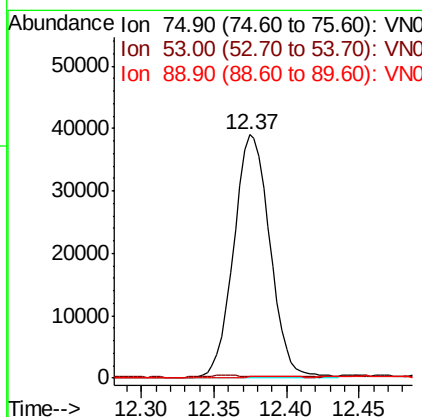
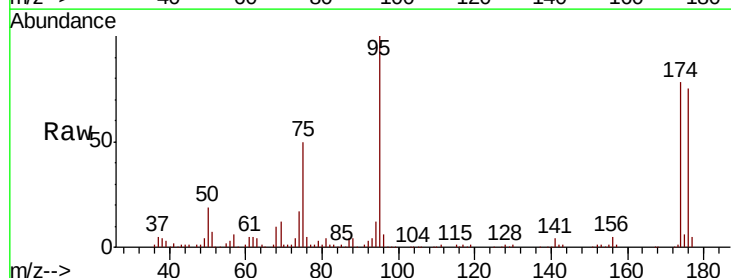
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7.5

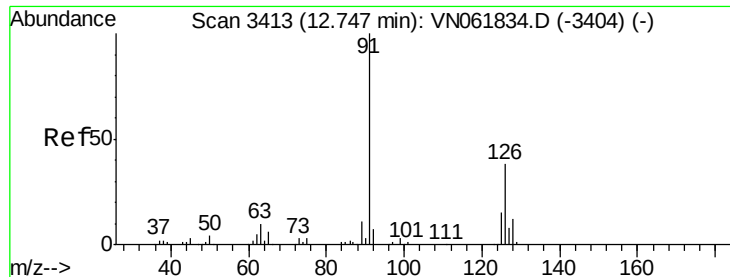
Tot Ion:105 Resp: 153841
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.121 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.10 min
 Lab File: VN062025.D
 Acq: 23 Jun 2020 2:45

Tgt Ion: 75 Resp: 68017
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.4 105.6#
 89 0.9 36.0 54.0#

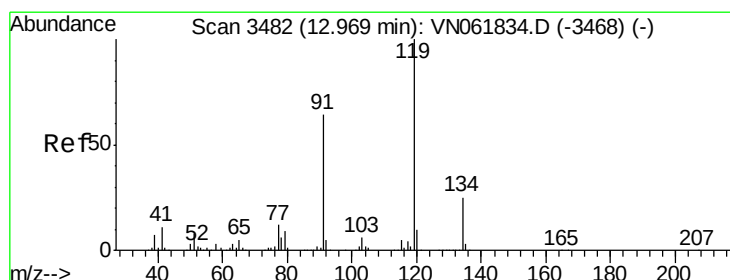
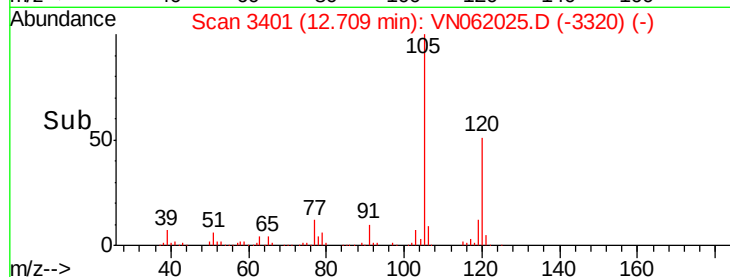
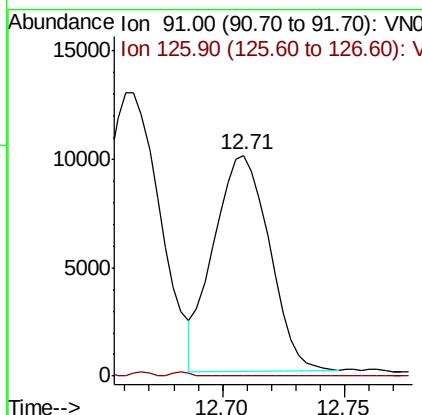
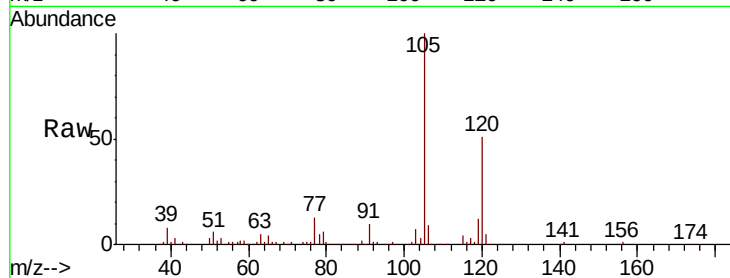




#82
4-Chlorotoluene
Concen: 2.525 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.04 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

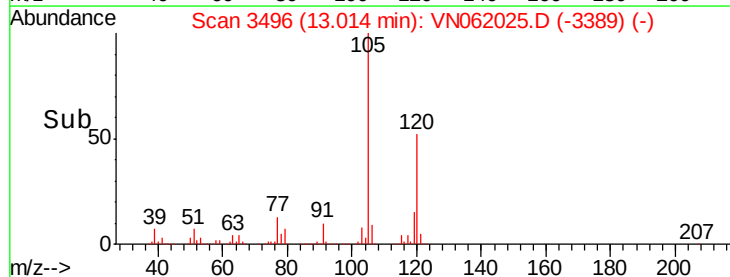
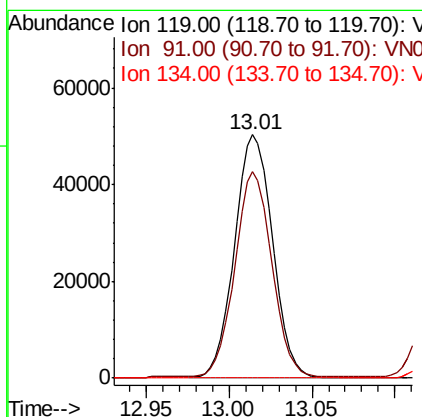
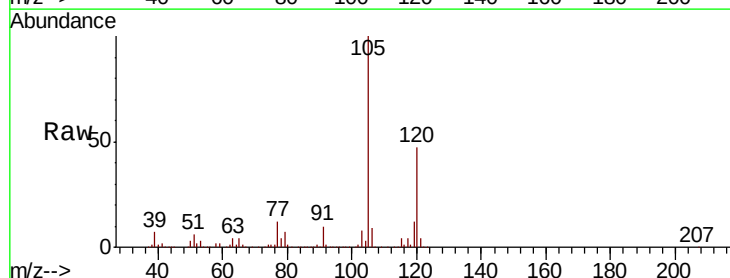
Instrument :
MSVOA_N
ClientSampleId :
TW-7.5

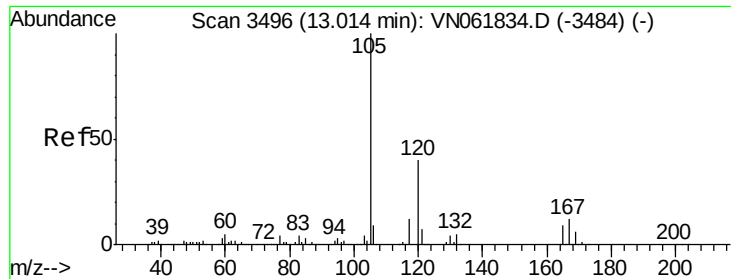
Tot Ion: 91 Resp: 15773
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 13.014 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.04 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Tgt Ion: 119 Resp: 80514
Ion Ratio Lower Upper
119 100
91 81.2 31.5 94.5
134 0.0 13.3 39.9#

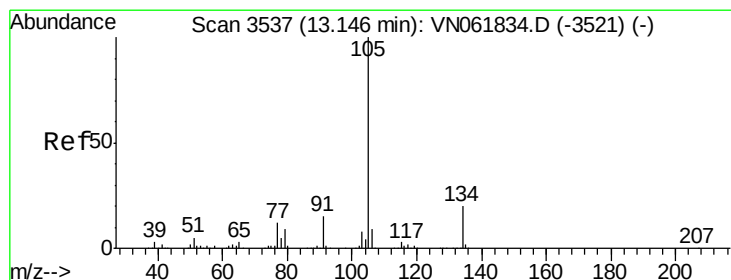
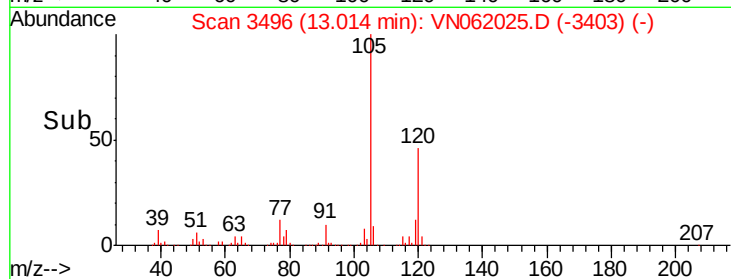
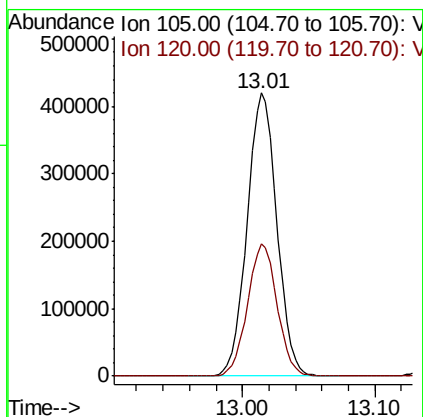
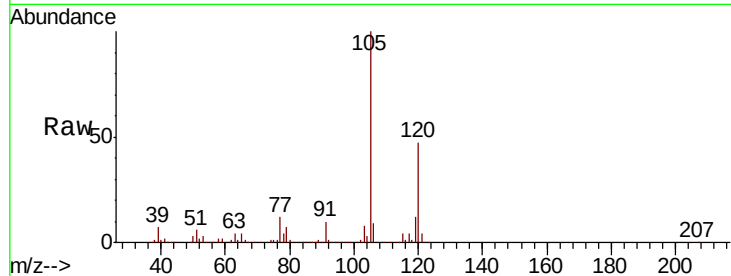




#84
 1,2,4-Trimethylbenzene
 Concen: 90.344 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062025.D
 Acq: 23 Jun 2020 2:45

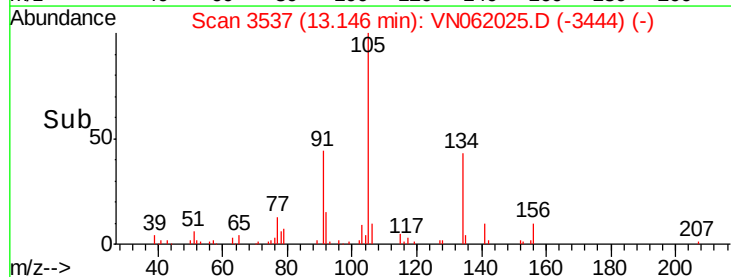
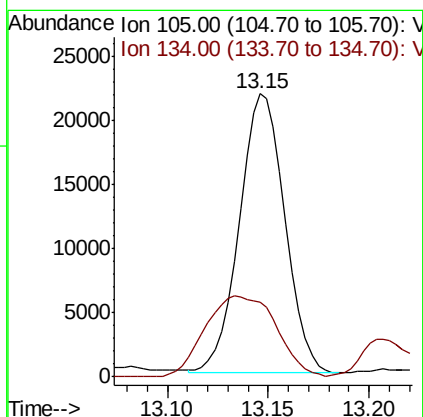
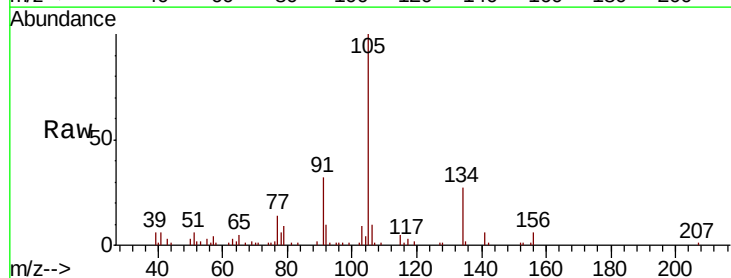
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7.5

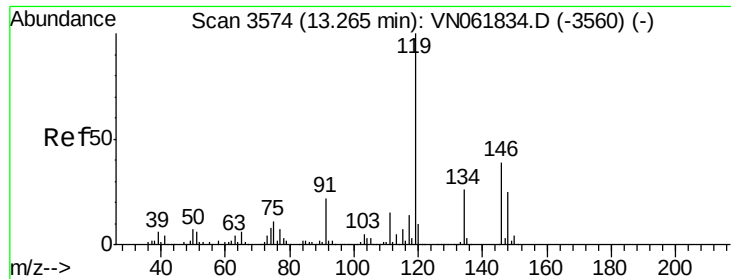
Tot Ion:105 Resp: 650832
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.9



#85
 sec-Butylbenzene
 Concen: 4.260 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062025.D
 Acq: 23 Jun 2020 2:45

Tgt Ion:105 Resp: 34497
 Ion Ratio Lower Upper
 105 100
 134 44.9 10.1 30.1#

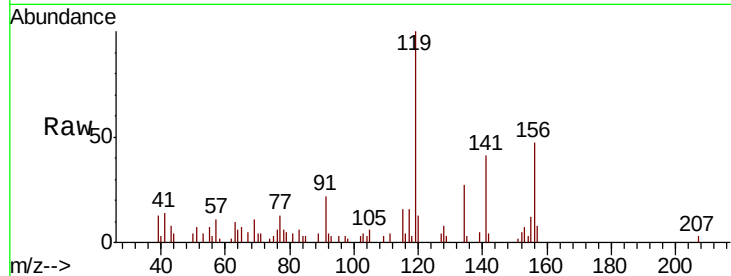




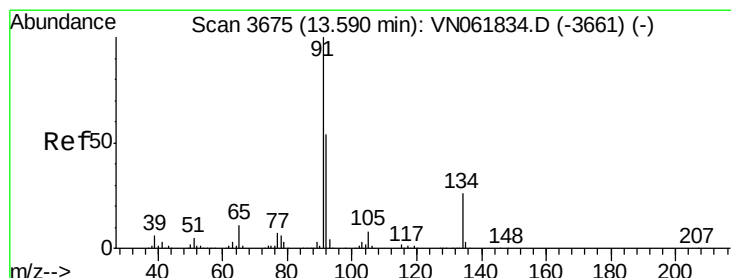
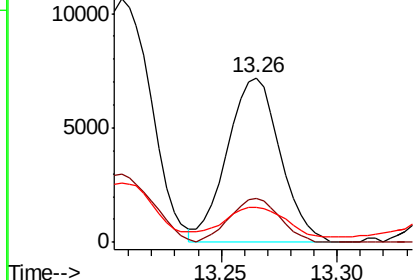
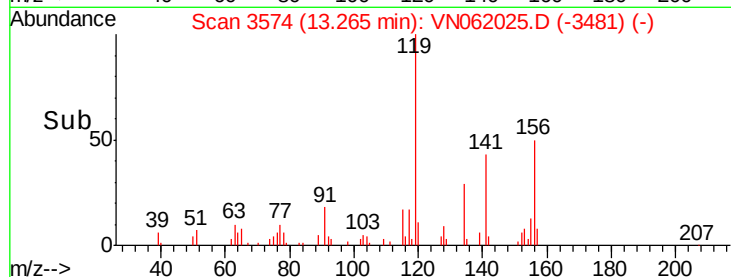
#86
 p-Isopropyltoluene
 Concen: 1.585 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062025.D
 Acq: 23 Jun 2020 2:45

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7.5

Tot Ion: 119 Resp: 11439
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.3 39.9
 91 20.1 11.2 33.6

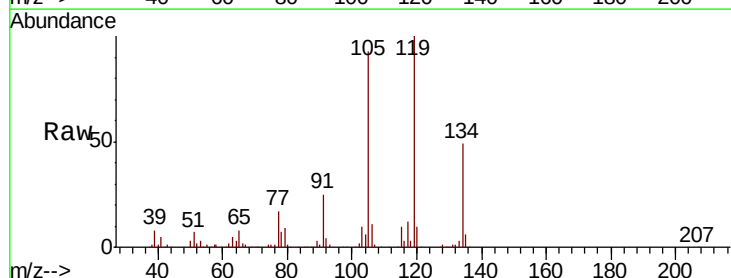


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

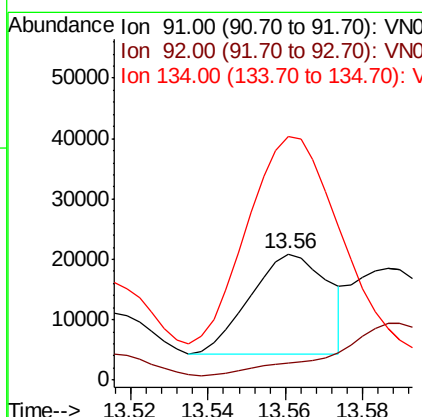
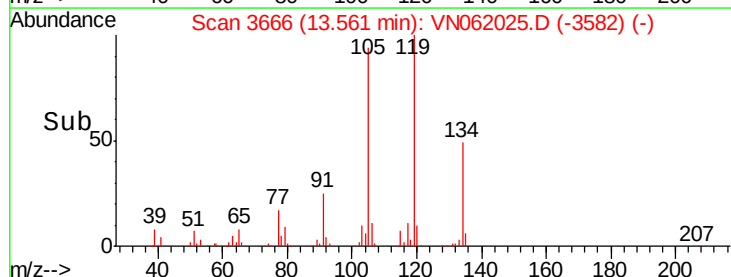


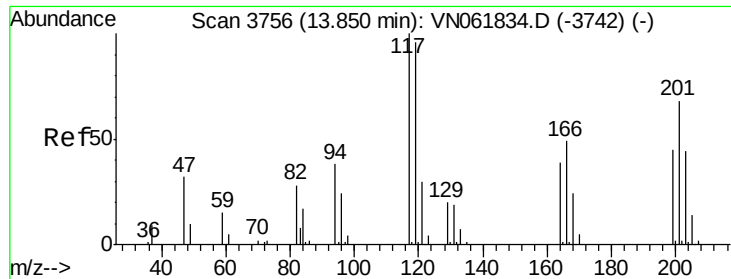
#89
 n-Butylbenzene
 Concen: 3.844 ug/l
 RT: 13.56 min Scan# 3666
 Delta R.T. -0.03 min
 Lab File: VN062025.D
 Acq: 23 Jun 2020 2:45

Tgt Ion: 91 Resp: 23166
 Ion Ratio Lower Upper
 91 100
 92 0.0 27.0 80.8#
 134 329.9 13.0 39.0#



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 14.404 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

Instrument :

MSVOA_N

ClientSampled :

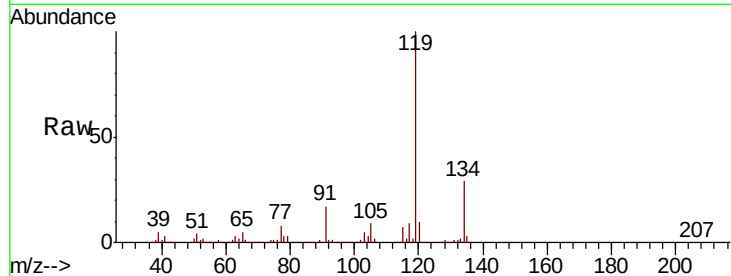
TW-7.5

Tot Ion:117 Resp: 19026

Ion Ratio Lower Upper

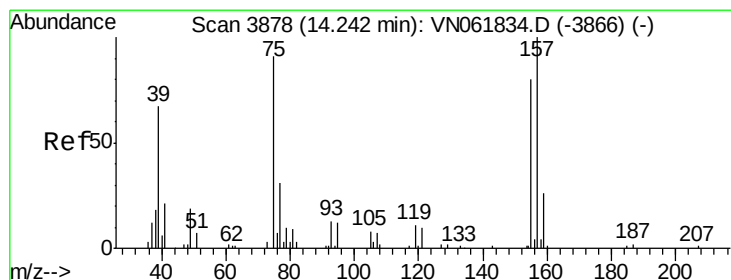
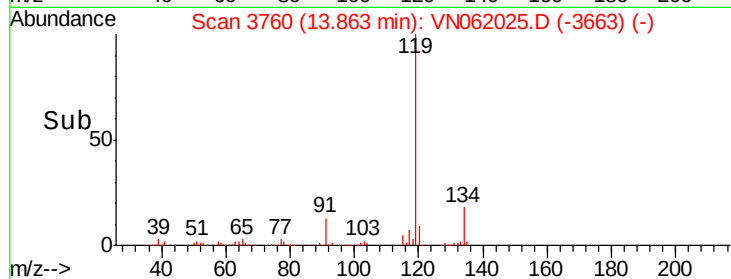
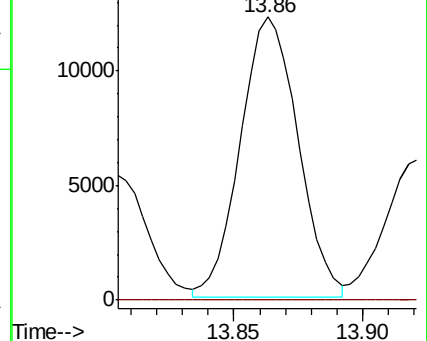
117 100

201 0.0 34.6 103.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.955 ug/l

RT: 14.22 min Scan# 3872

Delta R.T. -0.02 min

Lab File: VN062025.D

Acq: 23 Jun 2020 2:45

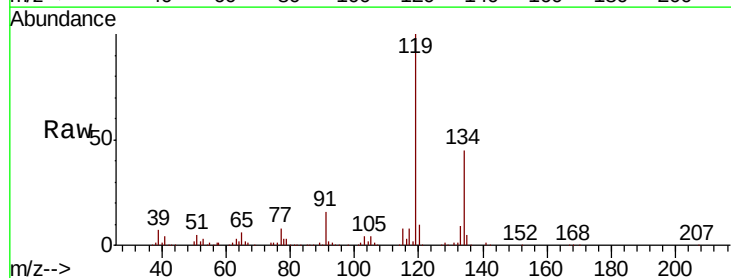
Tgt Ion: 75 Resp: 1376

Ion Ratio Lower Upper

75 100

155 0.0 44.4 133.2#

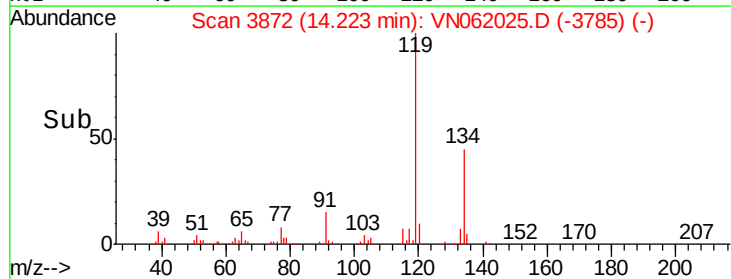
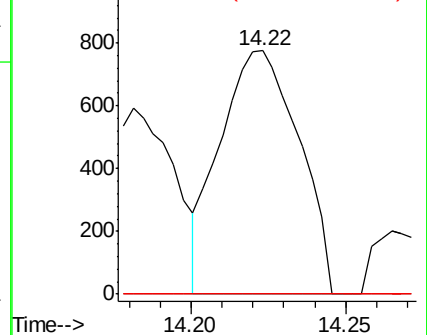
157 0.0 57.0 171.2#

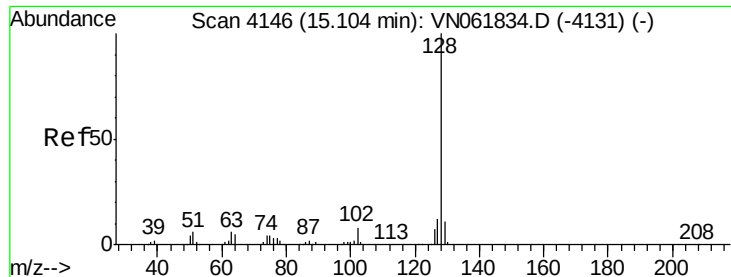


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

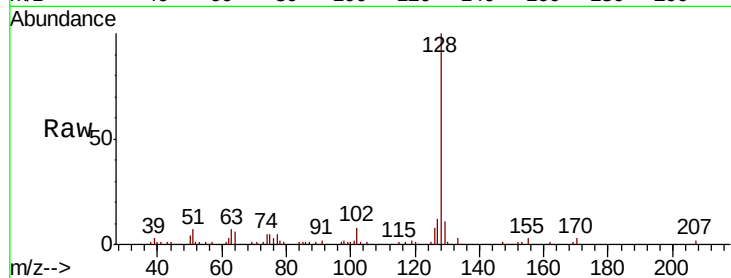




#95
Naphthalene
Concen: 12.894 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062025.D
Acq: 23 Jun 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
TW-7.5

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	11.7	8.6	13.0



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

