

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062116.D
 Acq On : 25 Jun 2020 17:17
 Operator : JC/MD
 Sample : L3071-01
 Misc : 4.76g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7.5

Quant Time: Jun 26 01:49:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	227867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	416456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	396740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	146630	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
35) Dibromofluoromethane	7.54	113	121979	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
50) Toluene-d8	10.06	98	525589	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.38	95	183942	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

					Qvalue
3) Chloromethane	2.03	50	138	Below Cal	# 41
11) Tert butyl alcohol	4.68	59	7718	16.810	ug/l # 72
13) Acrolein	3.73	56	7032	15.644	ug/l # 73
14) Allyl chloride	4.46	41	18320	5.143	ug/l # 60
15) Acrylonitrile	4.96	53	1199	0.958	ug/l # 29
16) Acetone	3.79	43	786	Below Cal	# 40
18) Methyl Acetate	4.28	43	4406	1.733	ug/l # 78
25) 2-Butanone	6.76	43	6559	4.196	ug/l # 44
29) Tetrahydrofuran	7.17	42	355	0.347	ug/l # 28
30) Chloroform	7.27	83	6680	1.257	ug/l # 17
31) Cyclohexane	7.58	56	67000	15.165	ug/l # 43
36) 1,1-Dichloropropene	7.62	75	18164	4.339	ug/l # 48
37) Ethyl Acetate	6.76	43	6559	1.892	ug/l # 66
38) Carbon Tetrachloride	7.62	117	23098	5.853	ug/l # 14
39) Methylcyclohexane	9.04	83	40434	8.816	ug/l # 1
41) Methacrylonitrile	7.15	41	631	0.393	ug/l # 35
43) Isopropyl Acetate	8.11	43	35565	6.294	ug/l # 58
47) Bromodichloromethane	9.35	83	34635	8.038	ug/l # 26
48) Methyl methacrylate	9.18	41	55124	21.758	ug/l # 25
51) 4-Methyl-2-Pentanone	9.99	43	124121	37.597	ug/l # 77
53) t-1,3-Dichloropropene	10.22	75	1394	0.294	ug/l # 57
54) cis-1,3-Dichloropropene	9.56	75	1132	0.224	ug/l # 43
55) 1,1,2-Trichloroethane	10.50	97	29108	9.512	ug/l # 31
56) Ethyl methacrylate	10.40	69	3442	0.843	ug/l # 38
58) 2-Chloroethyl Vinyl ether	9.69	63	363	16.298	ug/l # 46
59) 2-Hexanone	10.69	43	49575	20.796	ug/l # 26
67) Ethyl Benzene	11.48	91	15005	1.020	ug/l 98
68) m/p-Xylenes	11.60	106	10118	1.778	ug/l 97
71) Bromoform	12.38	173	1520	0.710	ug/l # 1
73) Isopropylbenzene	12.22	105	37296	2.732	ug/l 99
74) N-amyl acetate	12.02	43	23234	7.658	ug/l # 56
75) 1,1,2,2-Tetrachloroethane	12.52	83	5638	1.241	ug/l # 1
76) 1,2,3-Trichloropropane	12.38	75	90906	21.899	ug/l # 100
78) n-propylbenzene	12.57	91	79632	5.100	ug/l 99

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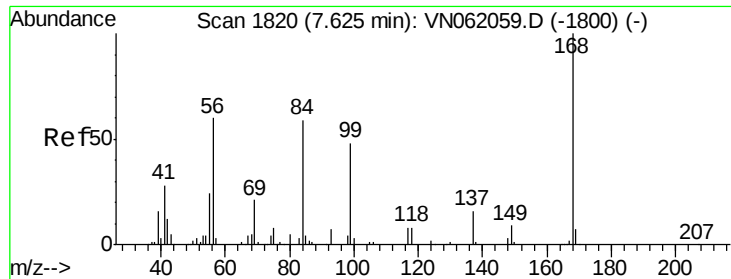
Instrument :
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Quant Time: Jun 26 01:49:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
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 Response via : Initial Calibration

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

79) 2-Chlorotoluene	12.66	91	10520	1.114	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.71	105	85530	7.729	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	90906	63.953	ug/l #	19
82) 4-Chlorotoluene	12.71	91	8597	0.881	ug/l #	54
83) tert-Butylbenzene	13.01	119	41703	4.404	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.01	105	336783	30.474	ug/l	100
85) sec-Butylbenzene	13.15	105	28695	2.293	ug/l #	44
86) p-Isopropyltoluene	13.21	119	13605	1.241	ug/l	91
89) n-Butylbenzene	13.59	91	30998	3.401	ug/l #	63
90) Hexachloroethane	13.86	117	14211	6.607	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.27	75	506	0.695	ug/l #	3
95) Naphthalene	15.10	128	12280	5.339	ug/l #	79

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

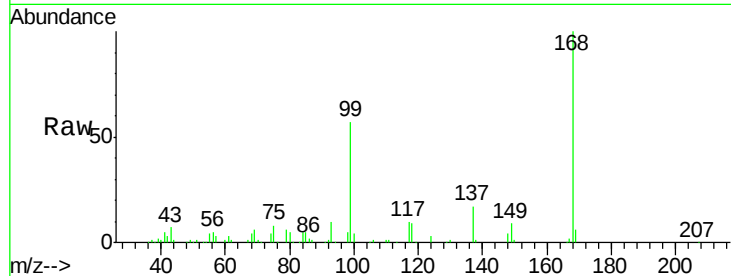
TW-7.5

Tgt Ion:168 Resp: 227867

Ion Ratio Lower Upper

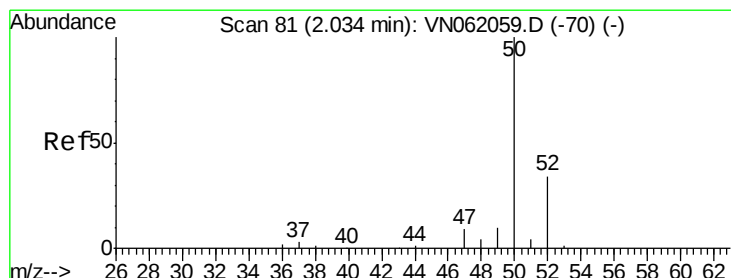
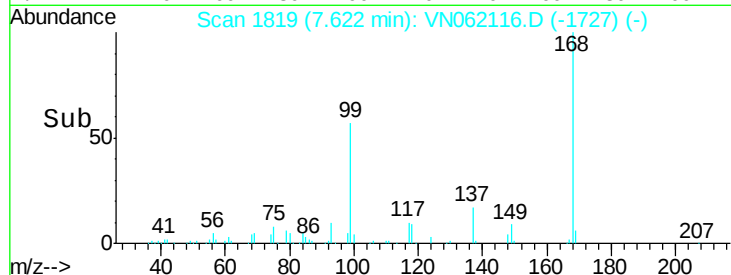
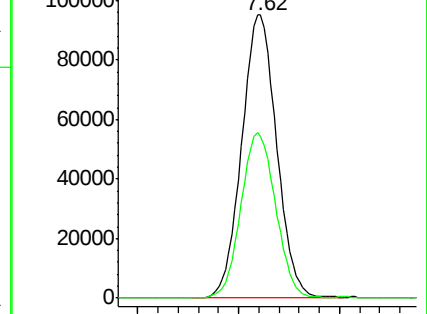
168 100

99 57.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062116.D

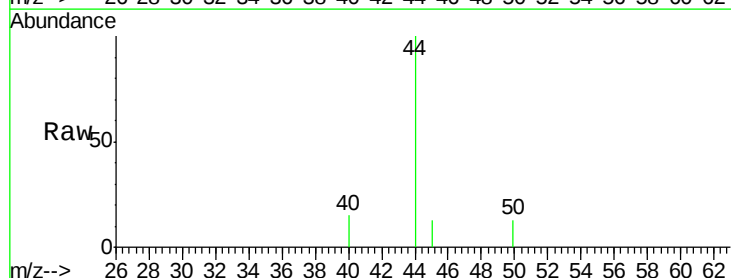
Acq: 25 Jun 2020 17:17

Tgt Ion: 50 Resp: 138

Ion Ratio Lower Upper

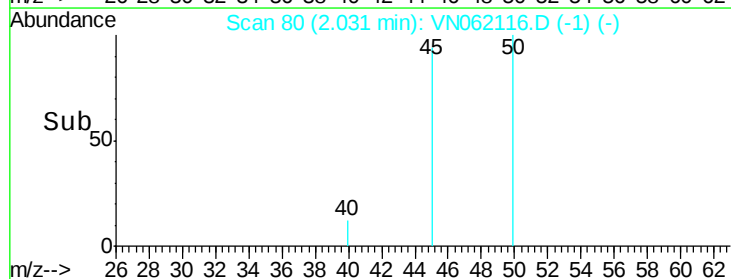
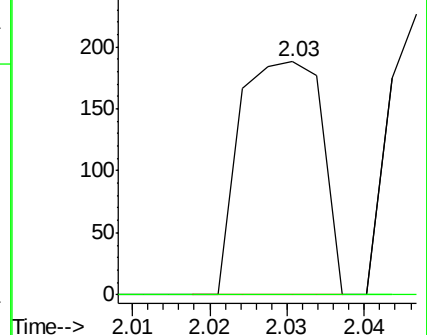
50 100

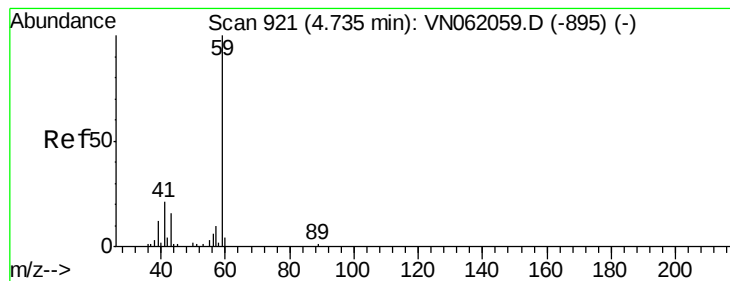
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



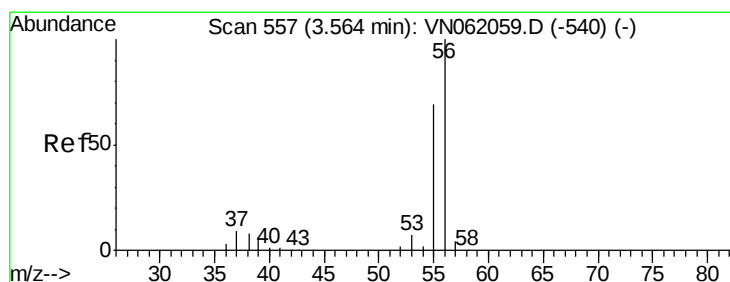
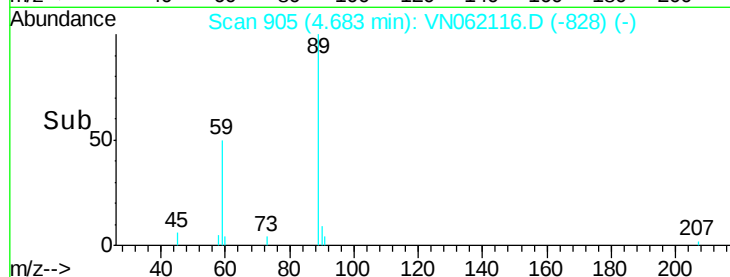
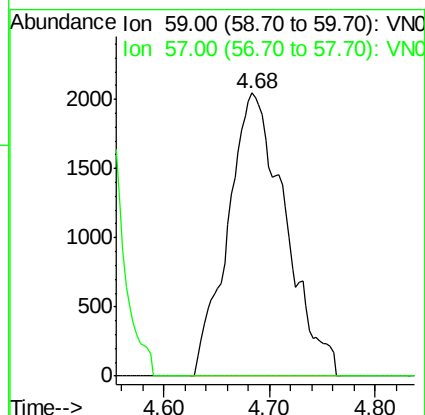
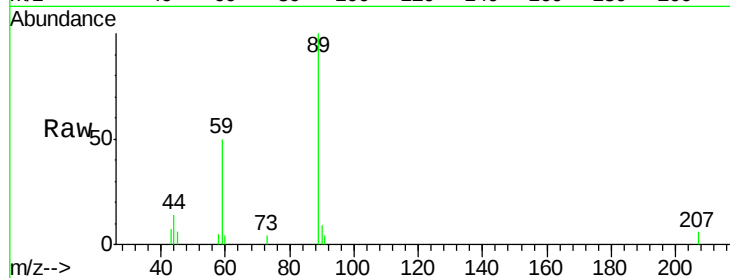


#11

Tert butyl alcohol
 Concen: 16.810 ug/l
 RT: 4.68 min Scan# 905
 Delta R.T. -0.05 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Instrument :
 MSVOA_N
 ClientSampled :
 TW-7.5

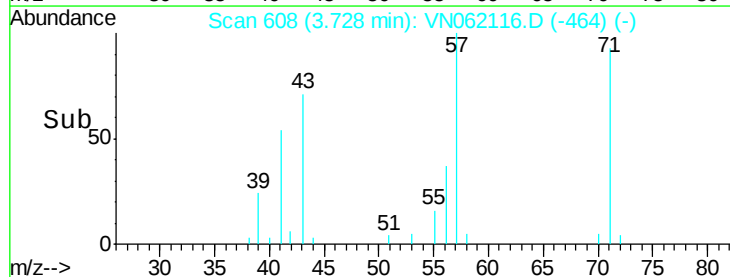
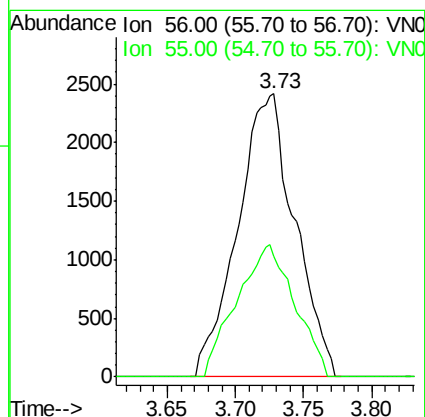
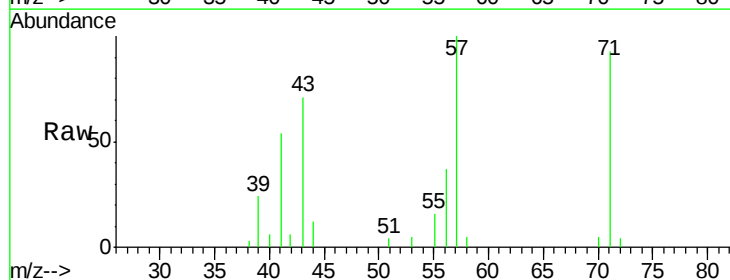
Tgt Ion: 59 Resp: 7718
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

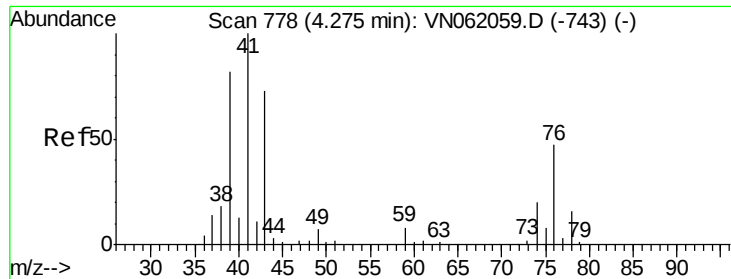


#13

Acrolein
 Concen: 15.644 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.16 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Tgt Ion: 56 Resp: 7032
 Ion Ratio Lower Upper
 56 100
 55 47.2 55.5 83.3#





#14

Allyl chloride

Concen: 5.143 ug/l

RT: 4.46 min Scan# 836

Delta R.T. 0.19 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

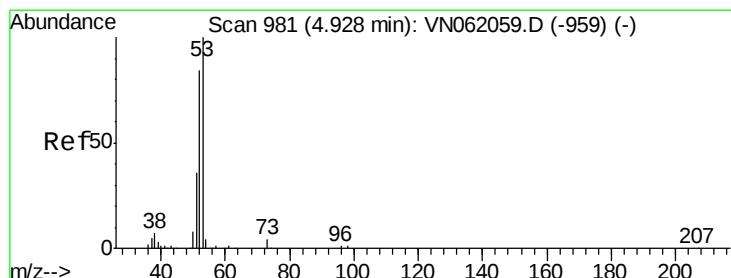
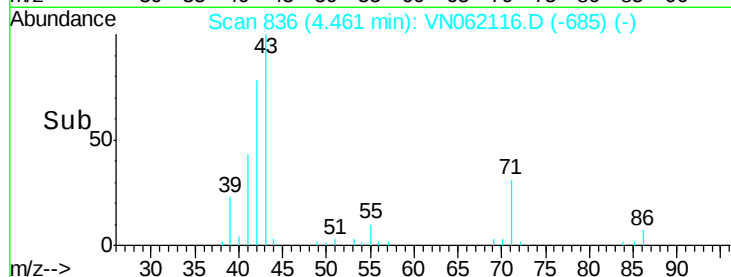
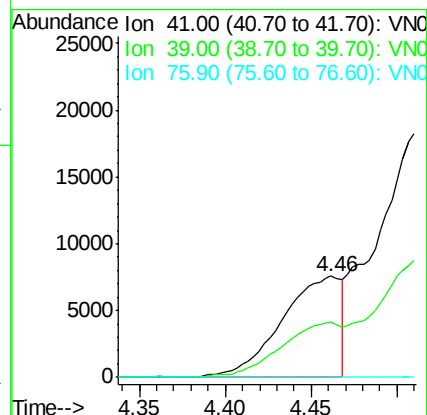
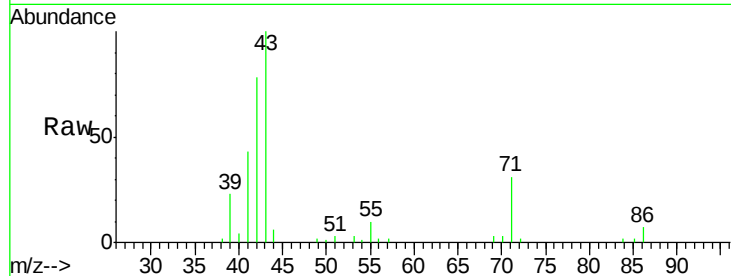
Tgt Ion: 41 Resp: 18320

Ion Ratio Lower Upper

41 100

39 54.1 60.0 90.0#

76 0.0 34.1 51.1#



#15

Acrylonitrile

Concen: 0.958 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.04 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

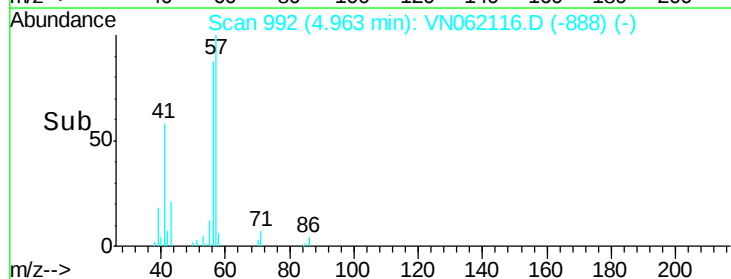
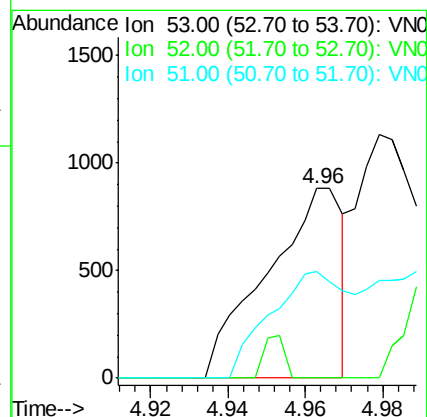
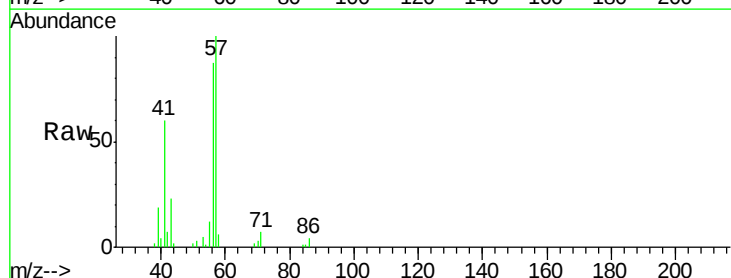
Tgt Ion: 53 Resp: 1199

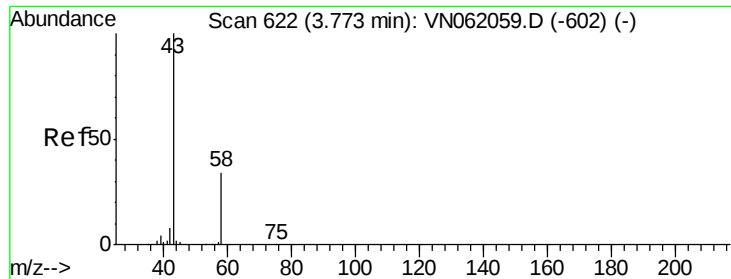
Ion Ratio Lower Upper

53 100

52 6.2 66.2 99.4#

51 58.2 28.9 43.3#

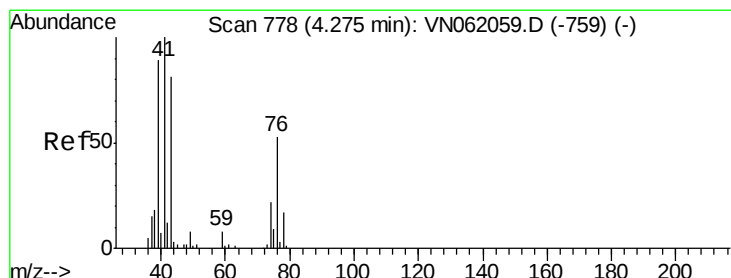
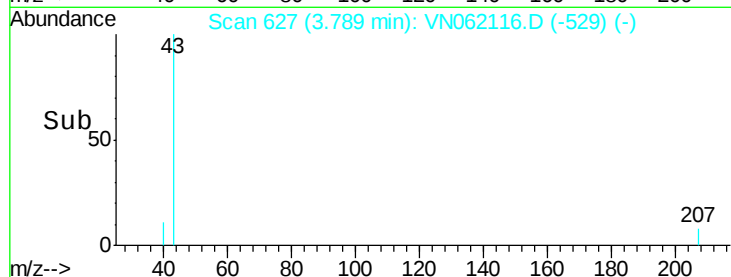
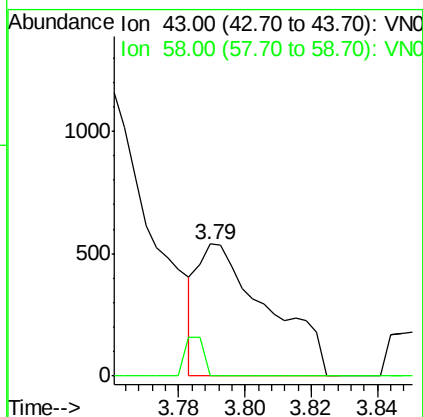
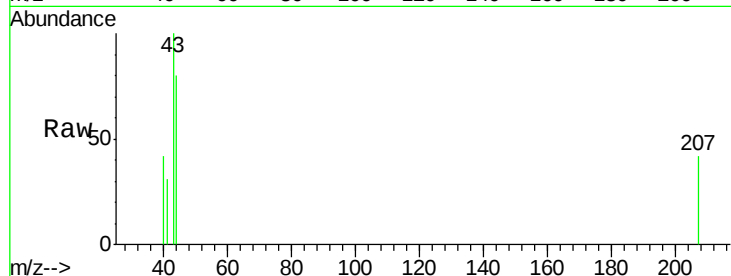




#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 627
Delta R.T. 0.02 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

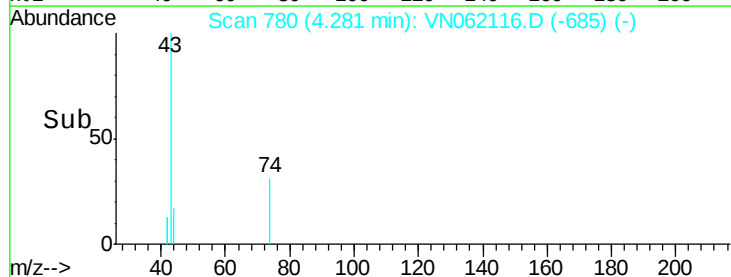
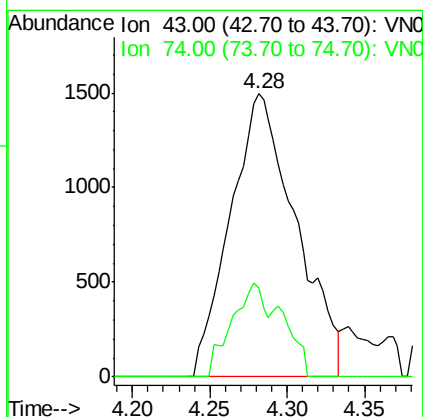
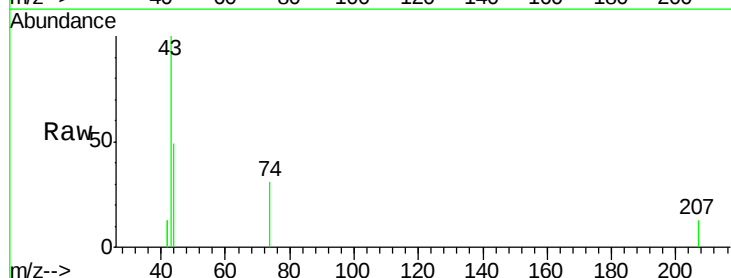
Instrument :
MSVOA_N
ClientSampled :
TW-7.5

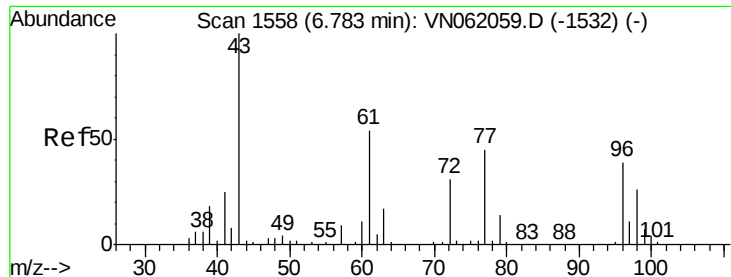
Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#18
Methyl Acetate
Concen: 1.733 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion: 43 Resp: 4406
Ion Ratio Lower Upper
43 100
74 17.0 22.9 34.3#

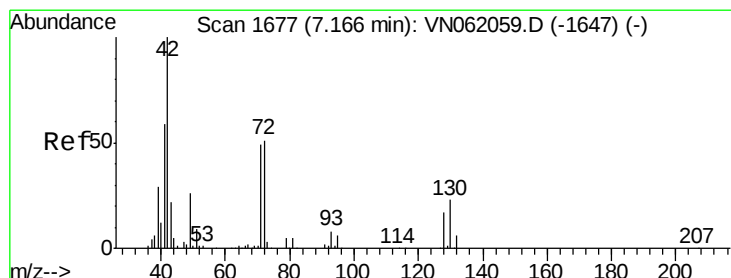
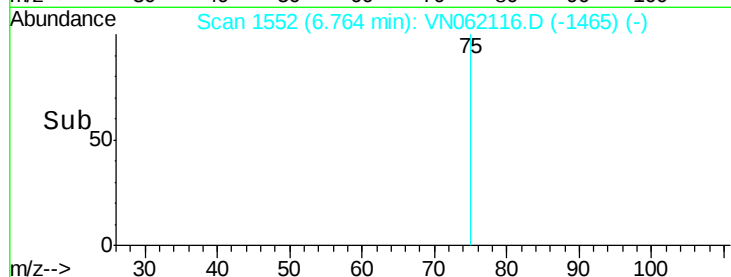
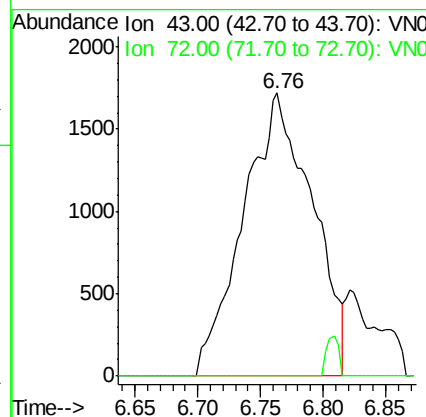
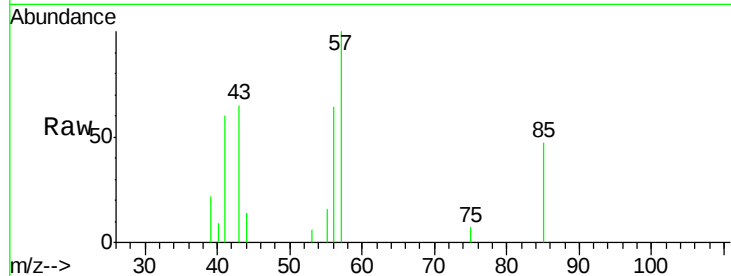




#25
2-Butanone
Concen: 4.196 ug/l
RT: 6.76 min Scan# 1552
Delta R.T. -0.02 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

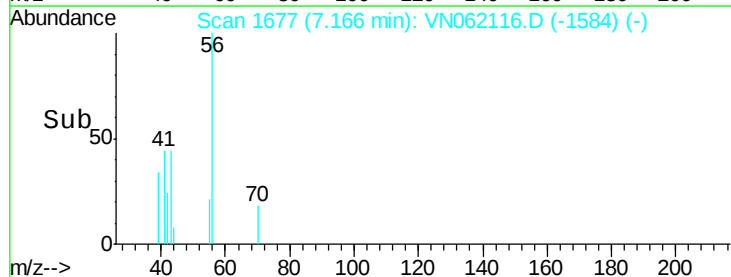
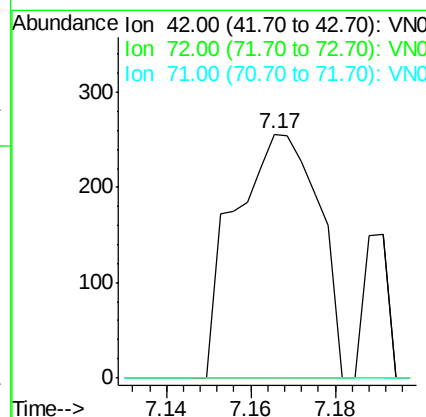
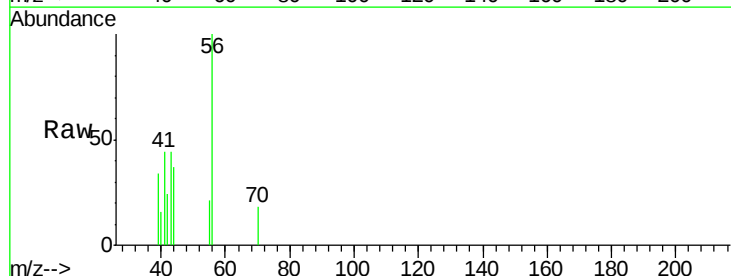
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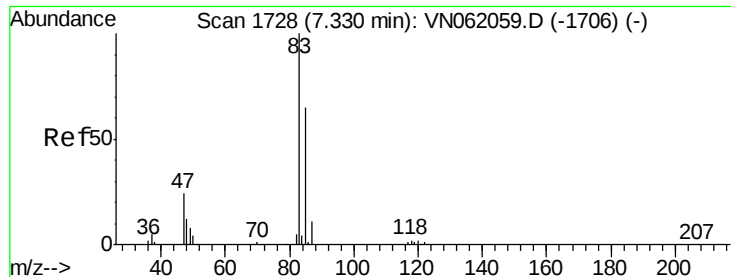
Tgt Ion: 43 Resp: 6559
Ion Ratio Lower Upper
43 100
72 0.0 24.8 37.2#



#29
Tetrahydrofuran
Concen: 0.347 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion: 42 Resp: 355
Ion Ratio Lower Upper
42 100
72 0.0 41.1 61.7#
71 0.0 38.2 57.4#

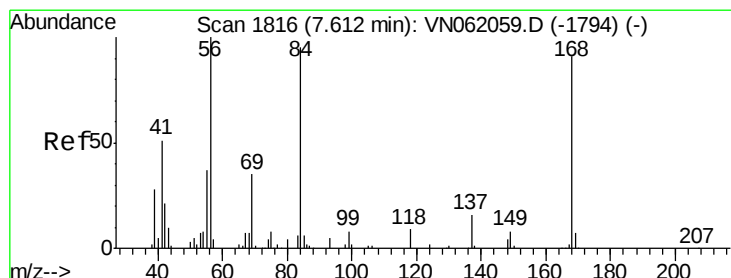
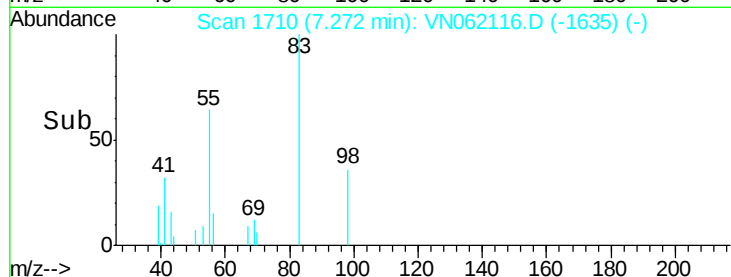
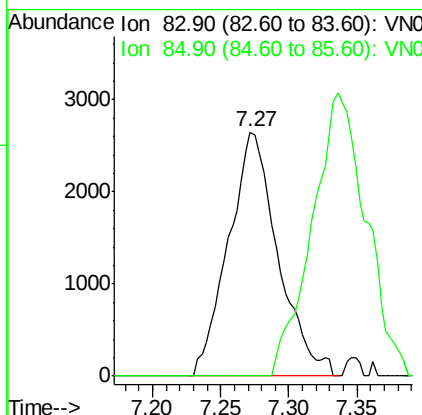
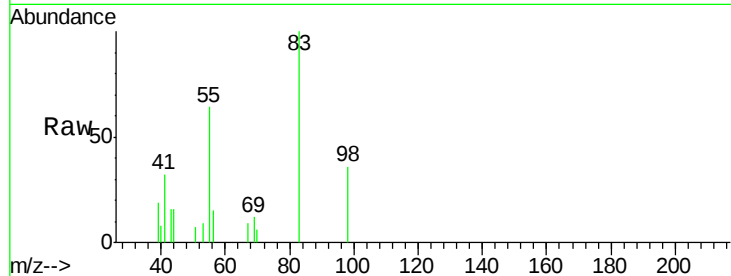




#30
Chloroform
Concen: 1.257 ug/l
RT: 7.27 min Scan# 1710
Delta R.T. -0.06 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

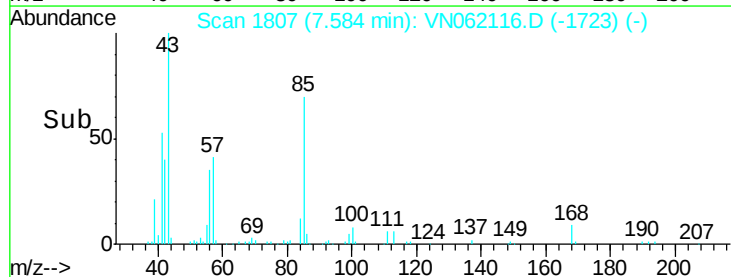
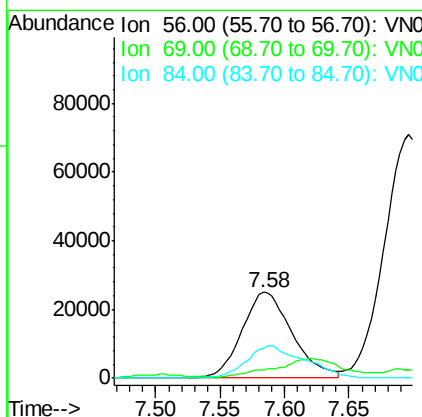
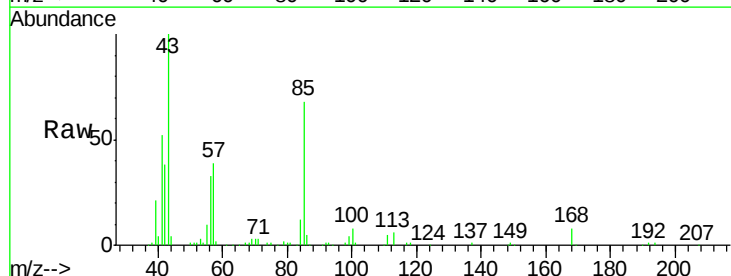
Instrument :
MSVOA_N
ClientSampled :
TW-7.5

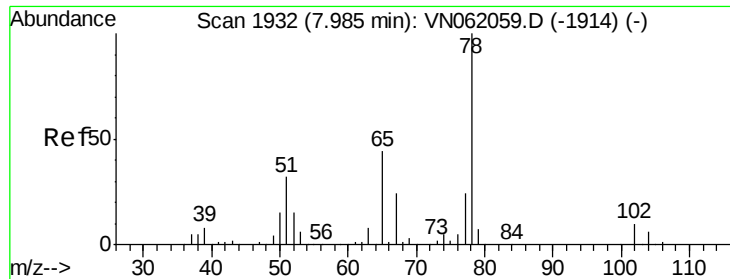
Tgt Ion: 83 Resp: 6680
Ion Ratio Lower Upper
83 100
85 0.0 52.3 78.5#



#31
Cyclohexane
Concen: 15.165 ug/l
RT: 7.58 min Scan# 1807
Delta R.T. -0.03 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion: 56 Resp: 67000
Ion Ratio Lower Upper
56 100
69 7.9 28.0 42.0#
84 35.5 76.1 114.1#

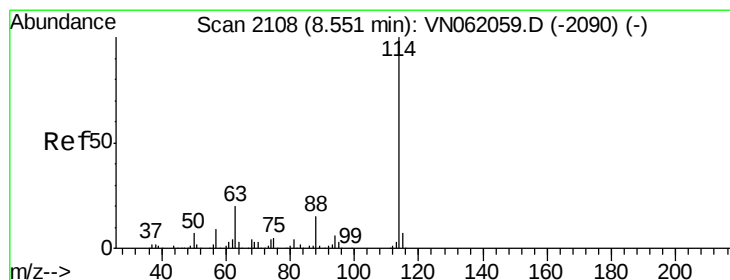
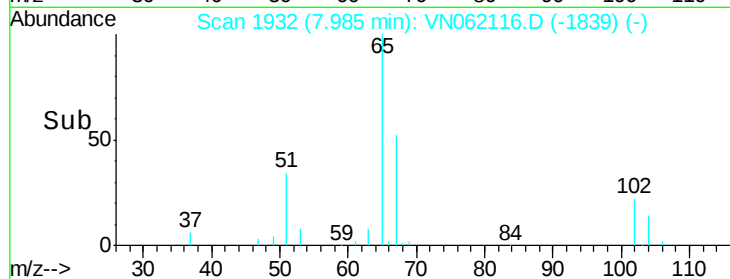
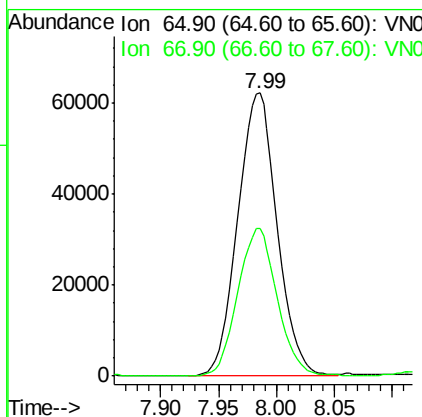
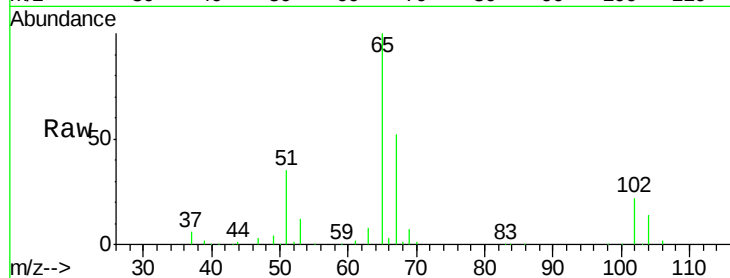




#33
 1,2-Dichloroethane-d4
 Concen: 45.854 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

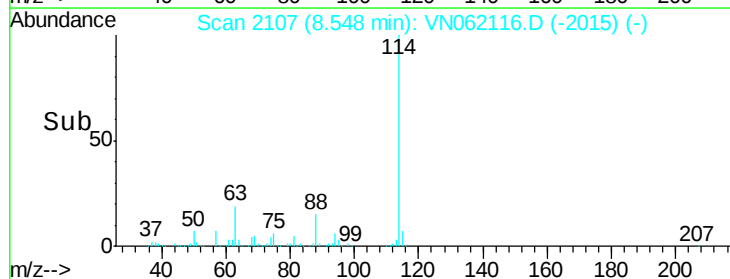
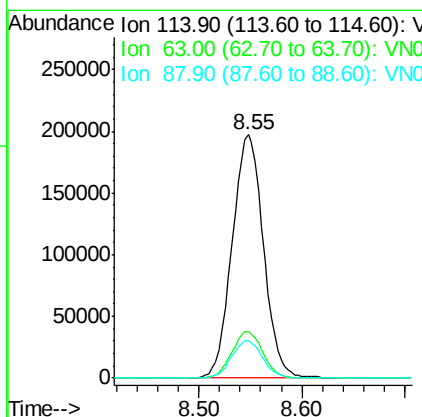
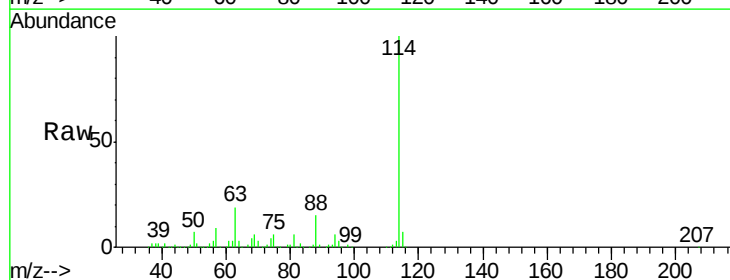
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7.5

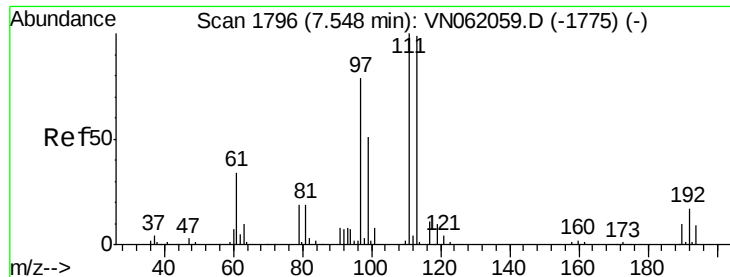
Tgt Ion: 65 Resp: 146630
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Tgt Ion: 114 Resp: 416456
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.2 0.0 30.8

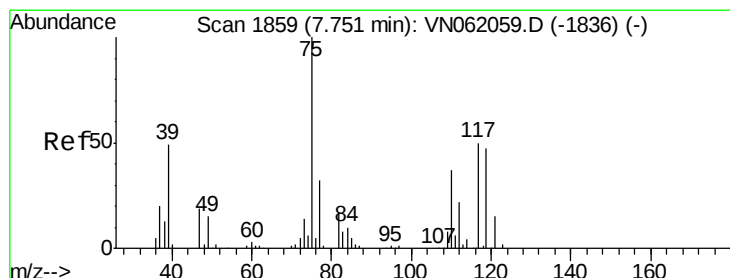
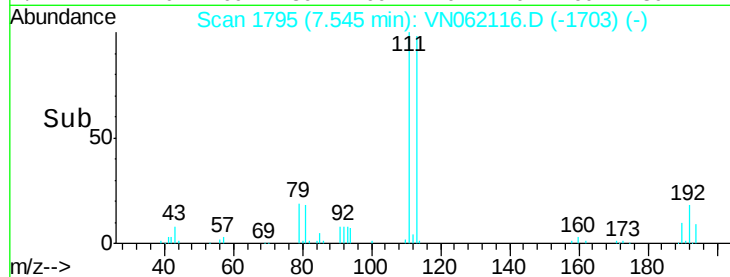
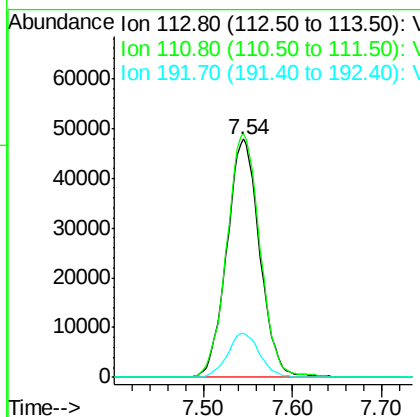
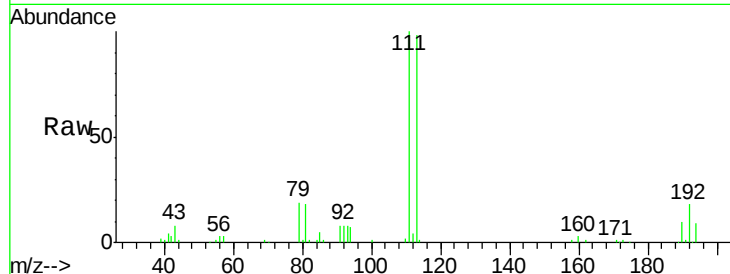




#35
 Dibromofluoromethane
 Concen: 45.655 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

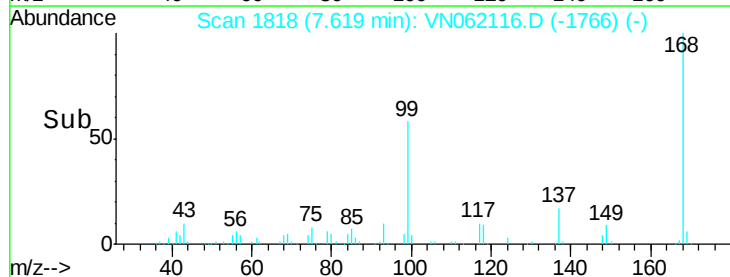
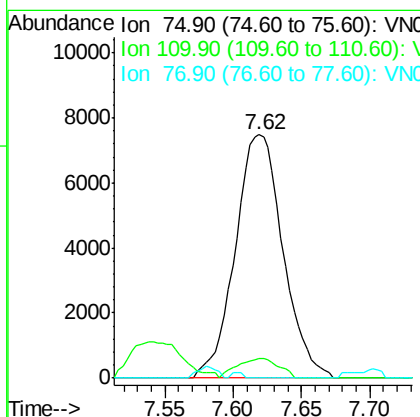
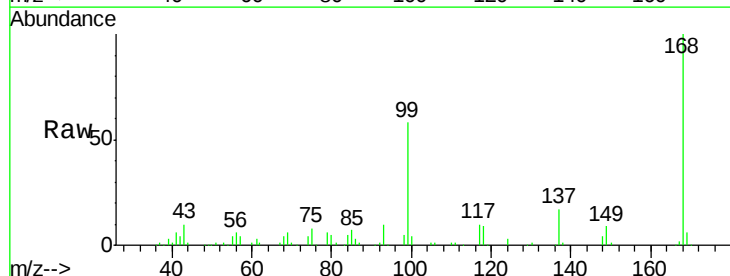
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7.5

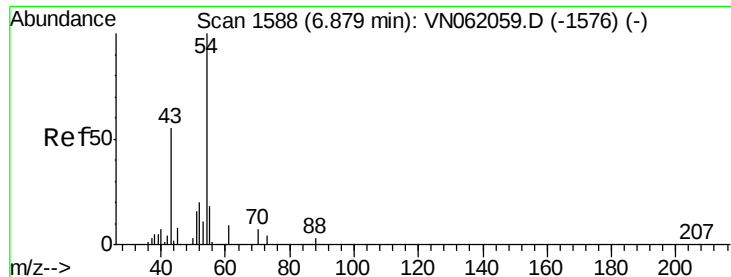
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	17.9	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 4.339 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.13 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.0	17.9	53.8#
77	0.5	24.9	37.3#

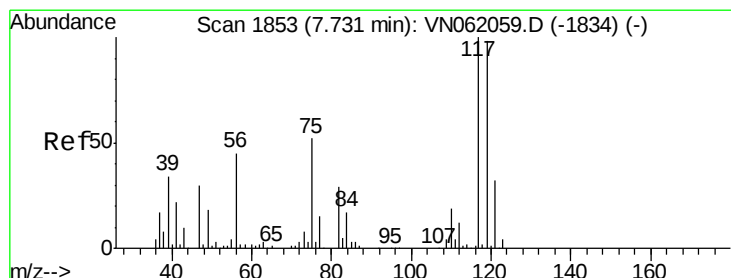
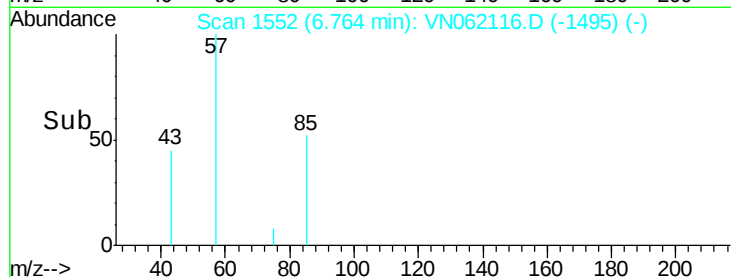
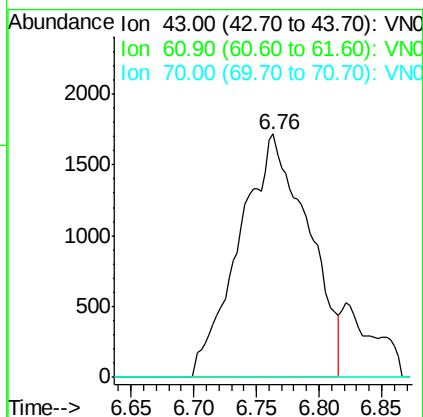
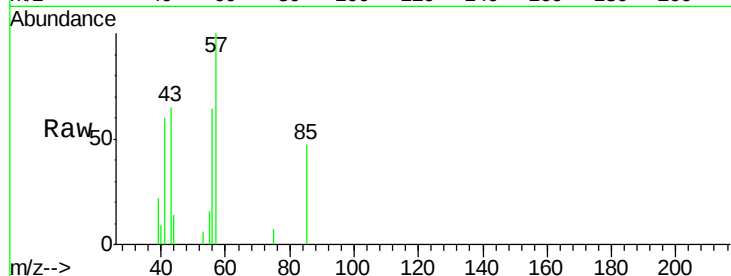




#37
Ethyl Acetate
Concen: 1.892 ug/l
RT: 6.76 min Scan# 1552
Delta R.T. -0.12 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

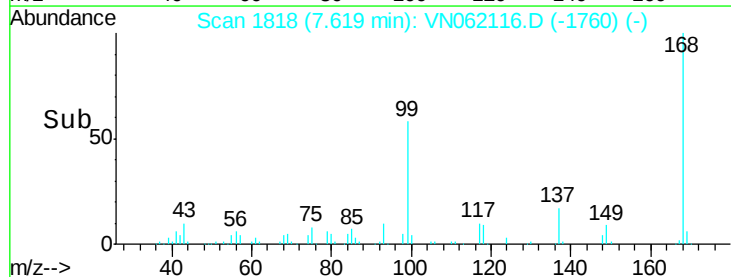
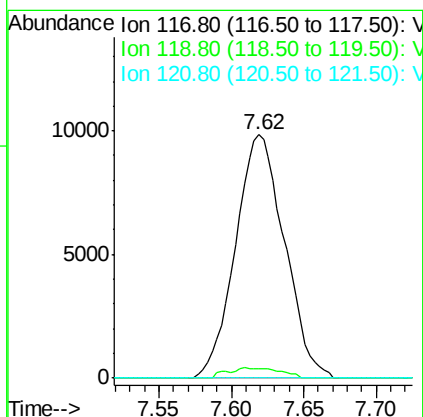
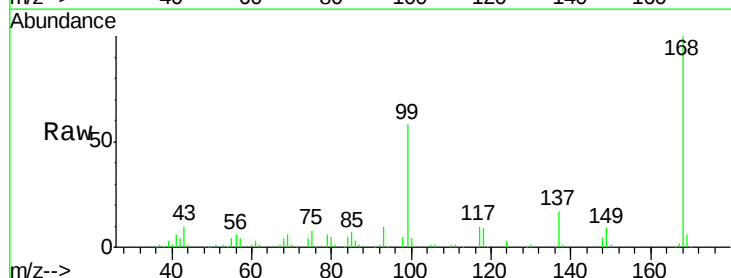
Instrument :
MSVOA_N
ClientSampleId :
TW-7.5

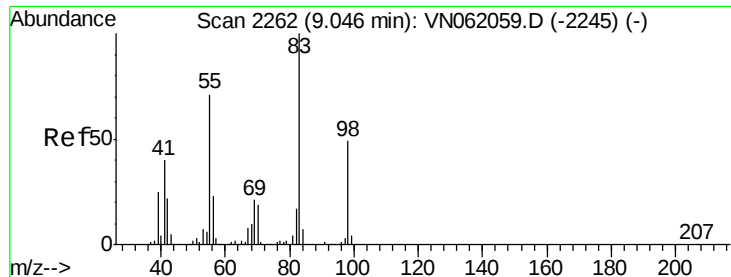
Tgt Ion: 43 Resp: 6559
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 9.6 14.4#



#38
Carbon Tetrachloride
Concen: 5.853 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. -0.11 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion: 117 Resp: 23098
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 25.8 38.6#

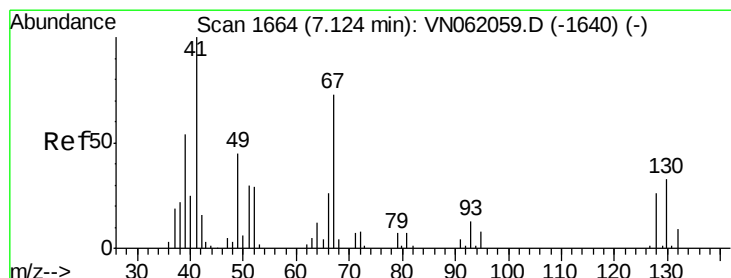
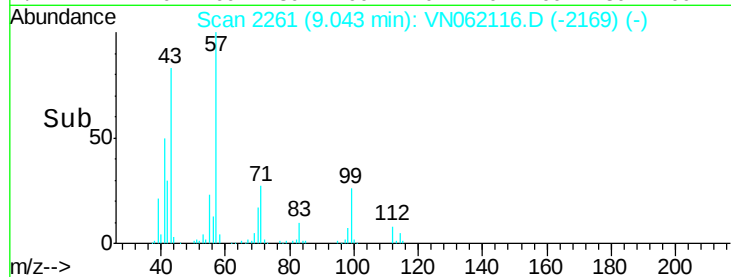
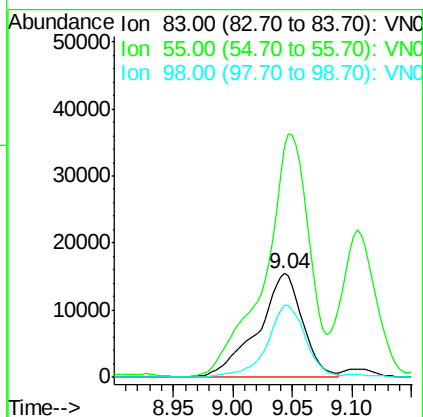
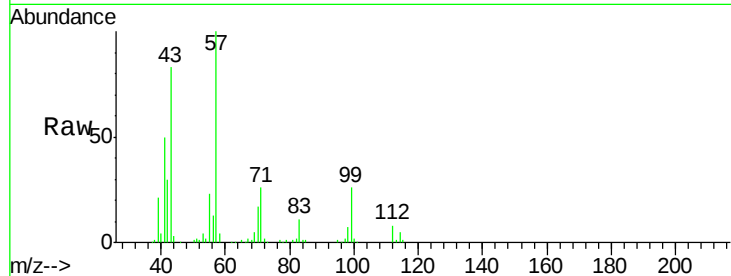




#39
Methylcyclohexane
Concen: 8.816 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

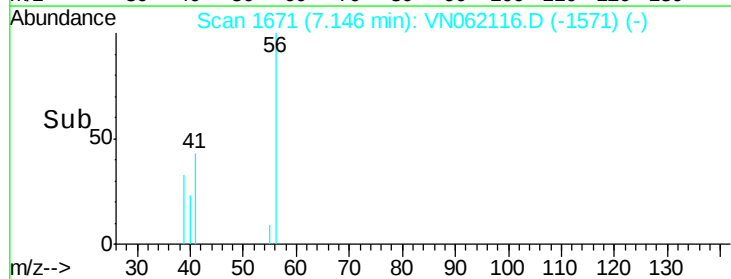
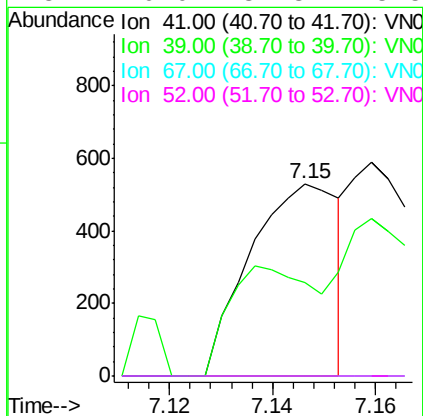
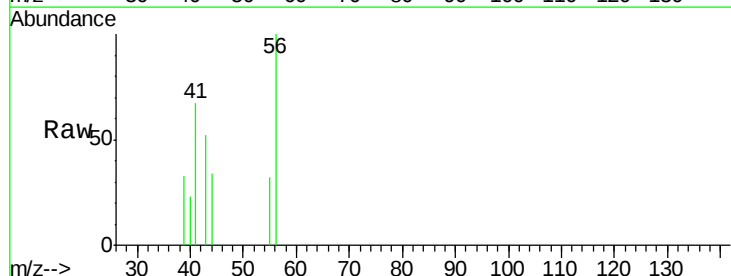
Instrument :
MSVOA_N
ClientSampled :
TW-7.5

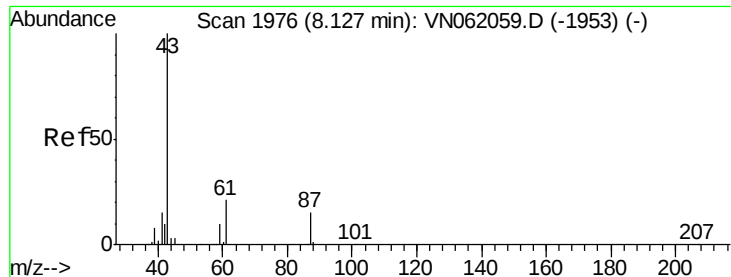
Tgt Ion: 83 Resp: 40434
Ion Ratio Lower Upper
83 100
55 222.0 57.0 85.6#
98 69.1 39.0 58.6#



#41
Methacrylonitrile
Concen: 0.393 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. 0.02 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion: 41 Resp: 631
Ion Ratio Lower Upper
41 100
39 54.2 44.2 66.2
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#

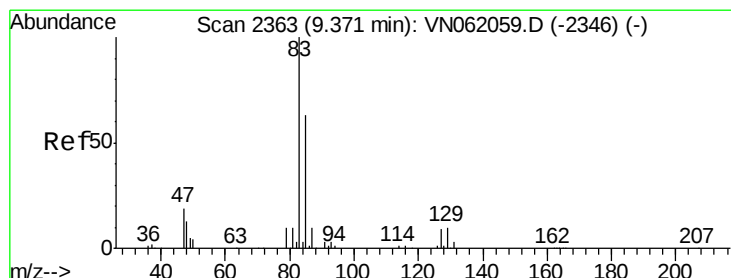
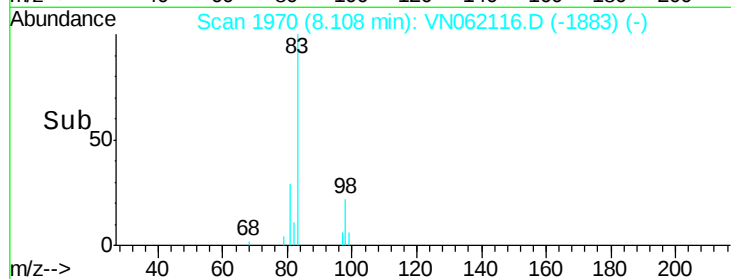
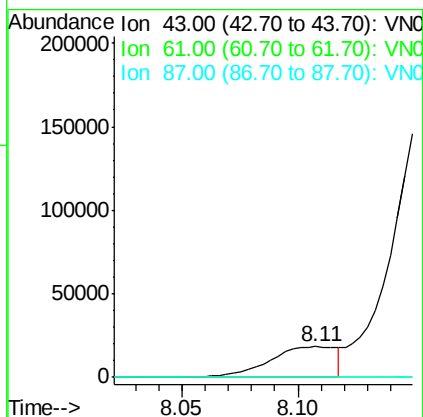
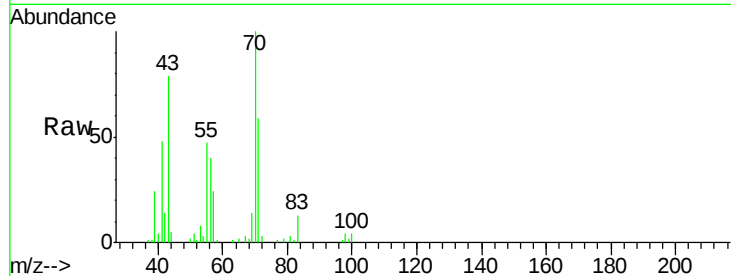




#43
Isopropyl Acetate
Concen: 6.294 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.02 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

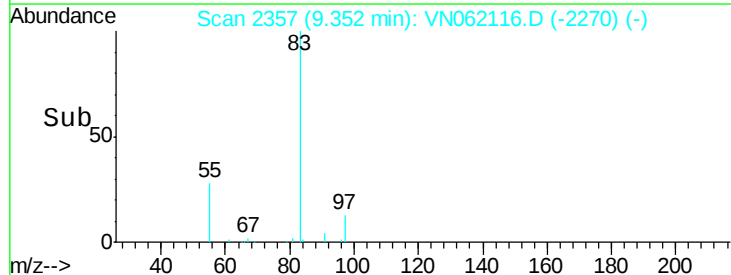
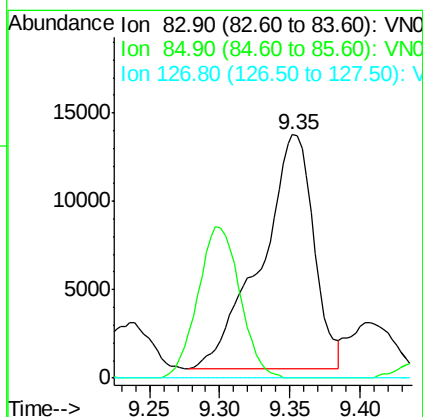
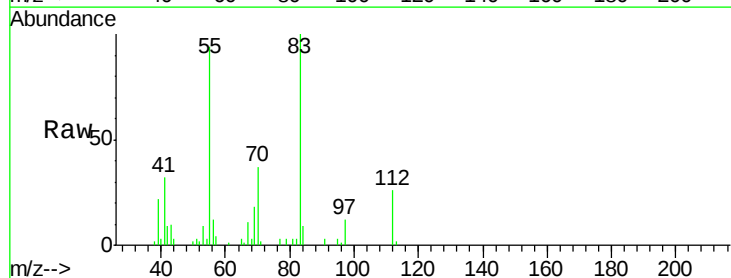
Instrument :
MSVOA_N
ClientSampleId :
TW-7.5

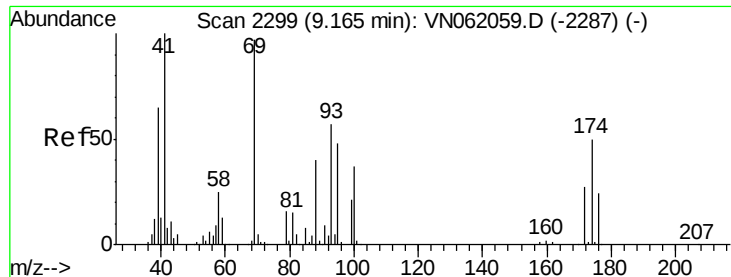
Tgt Ion: 43 Resp: 35565
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 12.1 18.1#



#47
Bromodichloromethane
Concen: 8.038 ug/l
RT: 9.35 min Scan# 2357
Delta R.T. -0.02 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion: 83 Resp: 34635
Ion Ratio Lower Upper
83 100
85 0.0 50.3 75.5#
127 0.0 6.9 10.3#

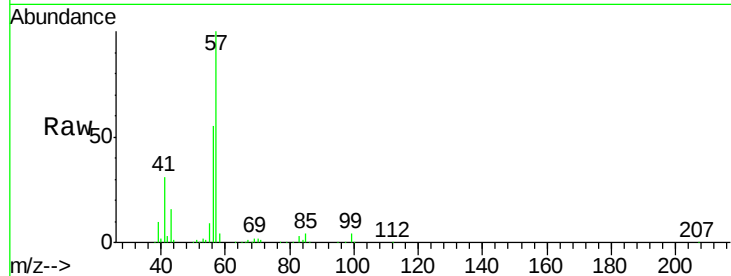




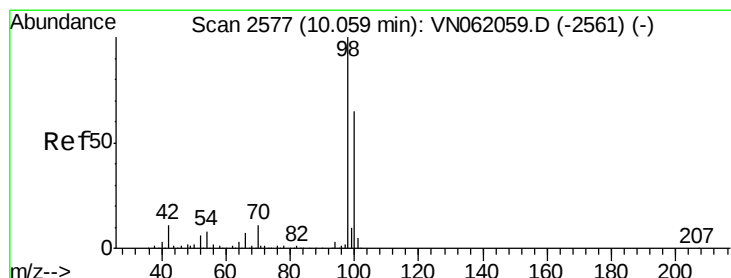
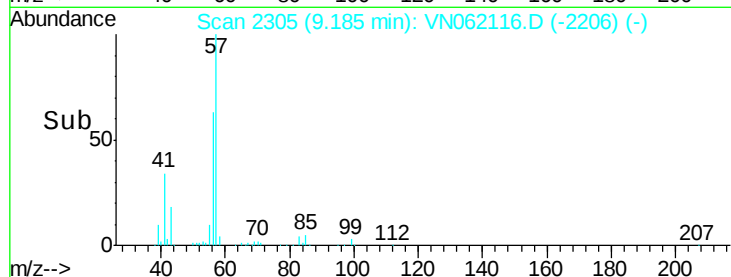
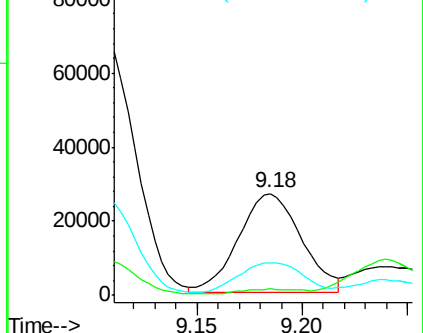
#48
Methyl methacrylate
Concen: 21.758 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.02 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tgt Ion: 41 Resp: 55124
Ion Ratio Lower Upper
41 100
69 4.7 80.7 121.1#
39 32.8 54.5 81.7#

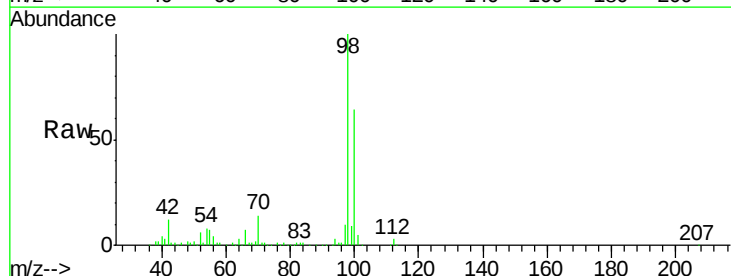


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

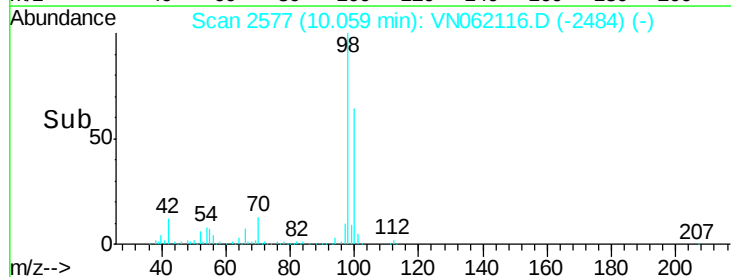
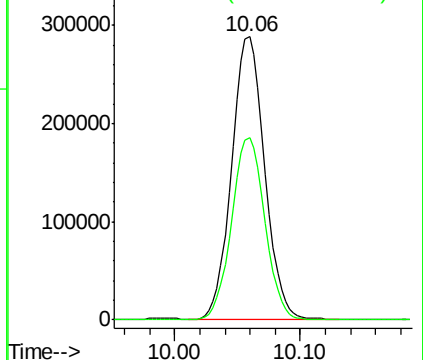


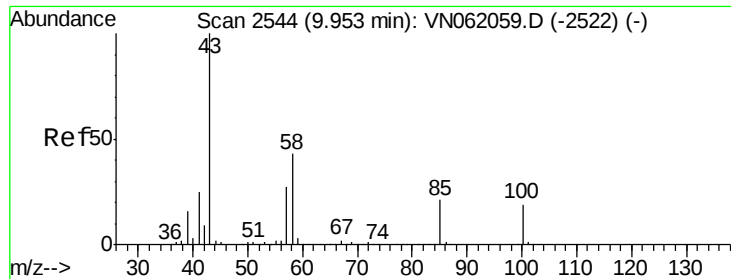
#50
Toluene-d8
Concen: 49.213 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion: 98 Resp: 525589
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

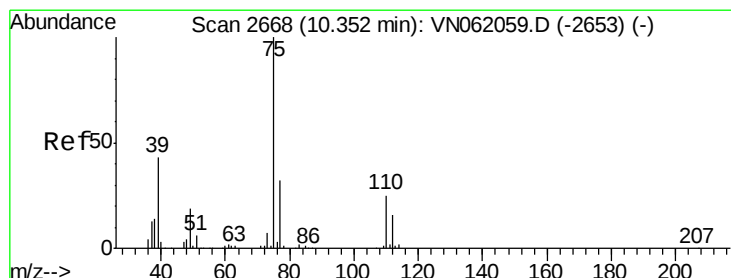
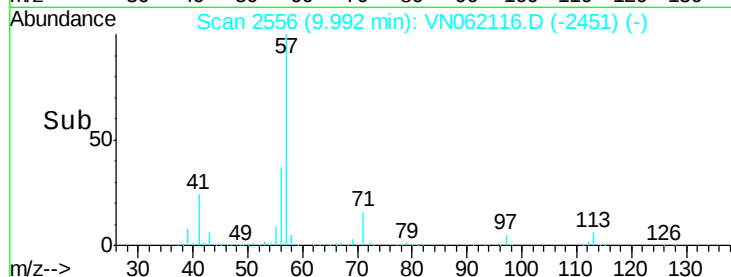
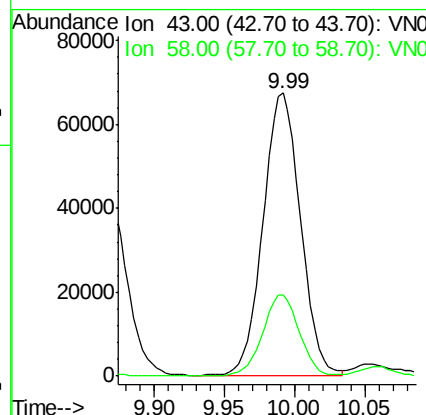
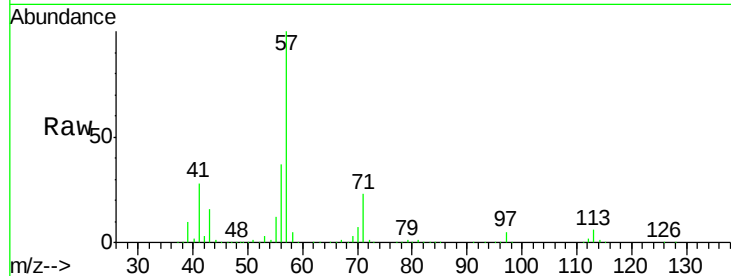




#51
 4-Methyl-2-Pentanone
 Concen: 37.597 ug/l
 RT: 9.99 min Scan# 2556
 Delta R.T. 0.04 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

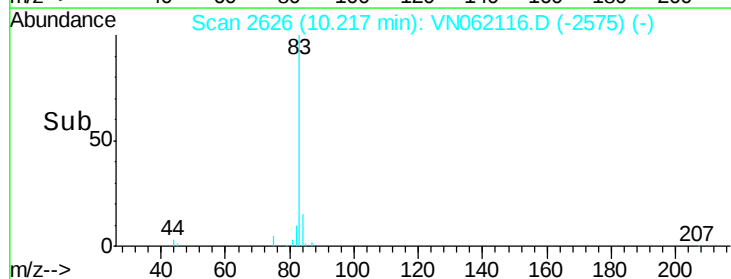
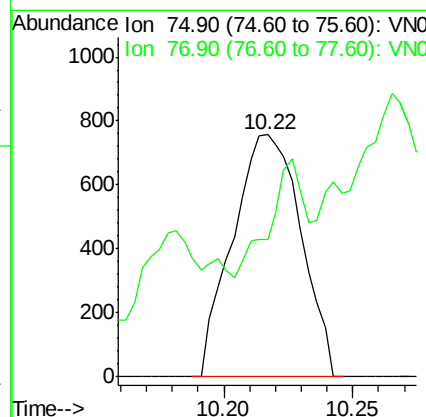
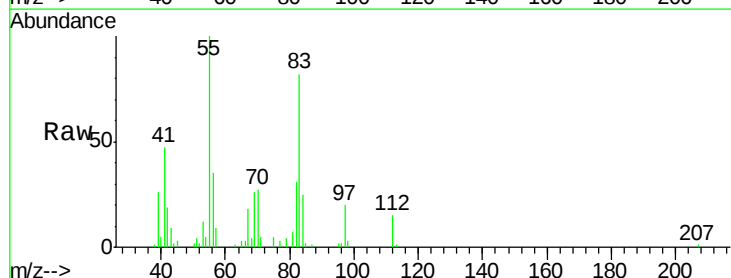
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7.5

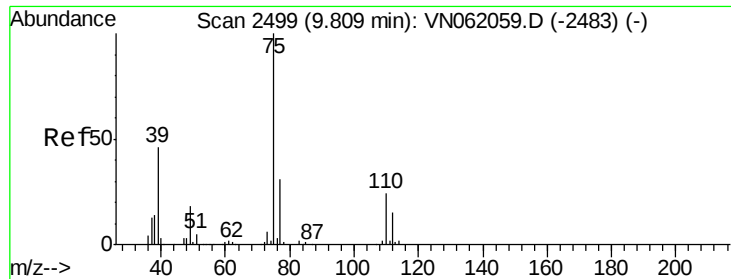
Tgt Ion: 43 Resp: 124121
 Ion Ratio Lower Upper
 43 100
 58 28.2 34.2 51.2#



#53
 t-1,3-Dichloropropene
 Concen: 0.294 ug/l
 RT: 10.22 min Scan# 2626
 Delta R.T. -0.14 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Tgt Ion: 75 Resp: 1394
 Ion Ratio Lower Upper
 75 100
 77 7.8 25.5 38.3#





#54

cis-1,3-Dichloropropene

Concen: 0.224 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.25 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

TW-7.5

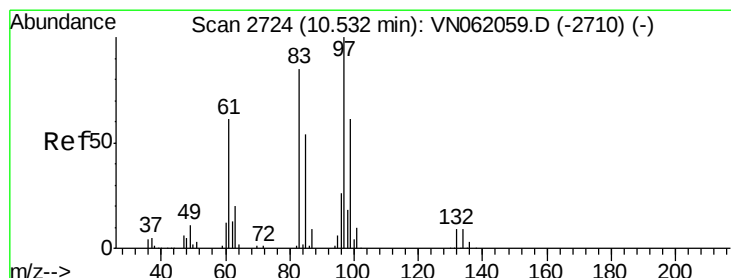
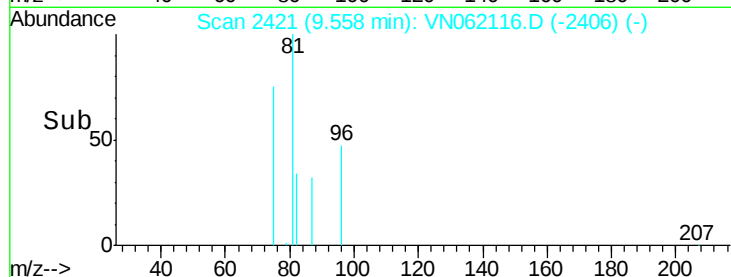
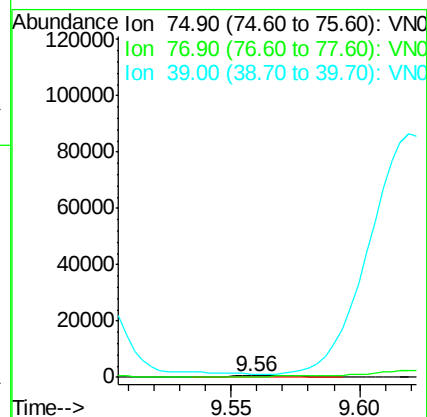
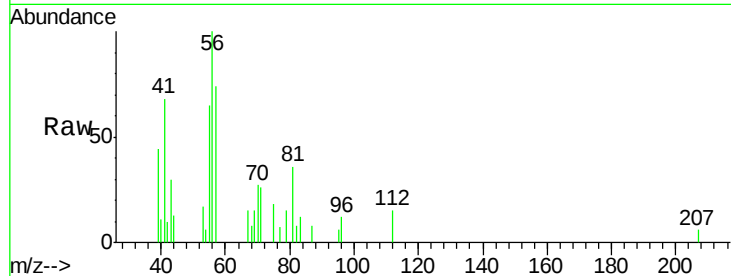
Tgt Ion: 75 Resp: 1132

Ion Ratio Lower Upper

75 100

77 10.0 25.0 37.6#

39 0.0 36.9 55.3#



#55

1,1,2-Trichloroethane

Concen: 9.512 ug/l

RT: 10.50 min Scan# 2714

Delta R.T. -0.03 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

Tgt Ion: 97 Resp: 29108

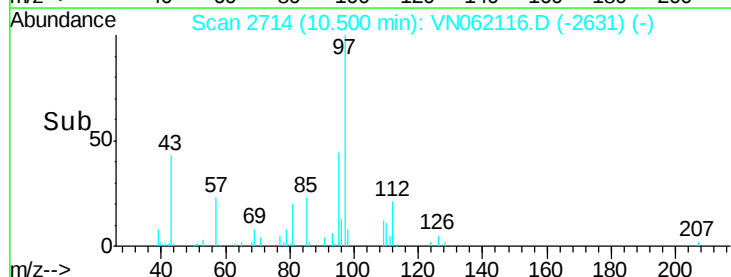
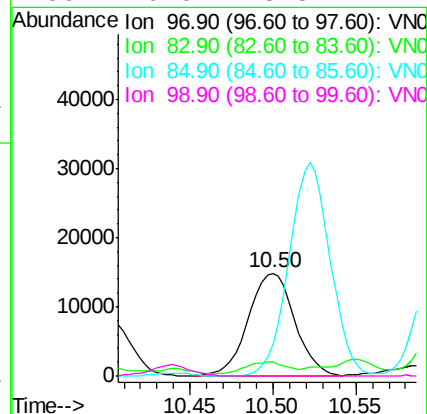
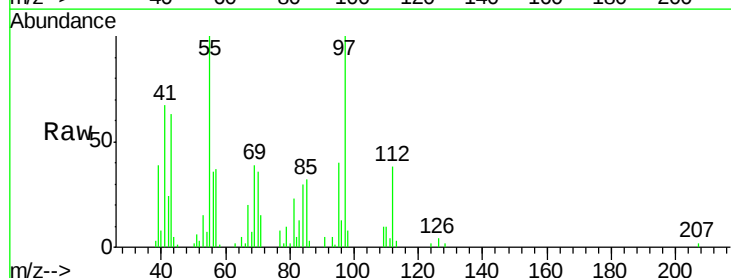
Ion Ratio Lower Upper

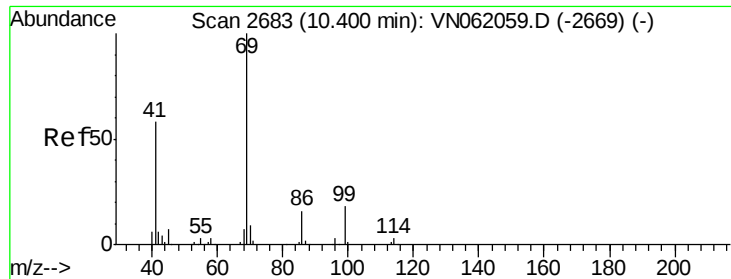
97 100

83 8.3 68.2 102.2#

85 30.2 43.2 64.8#

99 0.0 48.5 72.7#





#56

Ethyl methacrylate

Concen: 0.843 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

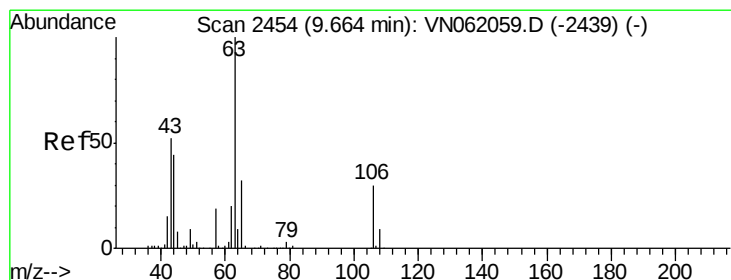
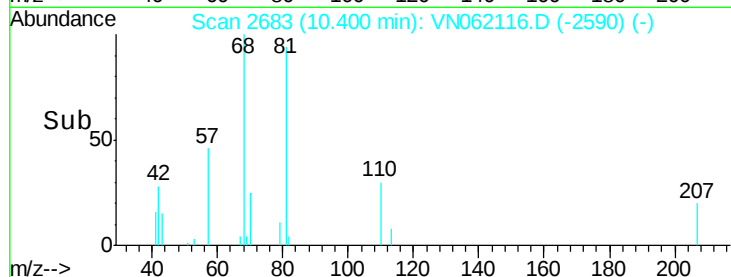
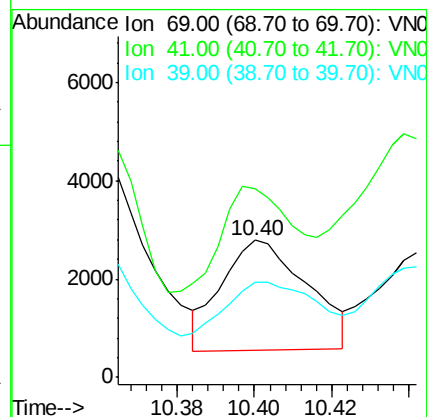
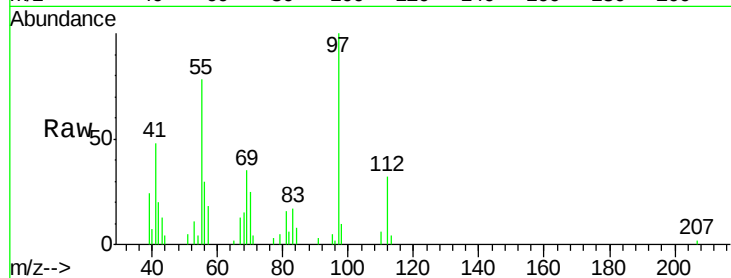
Tgt Ion: 69 Resp: 3442

Ion Ratio Lower Upper

69 100

41 122.6 46.6 70.0#

39 54.2 31.0 46.4#



#58

2-Chloroethyl Vinyl ether

Concen: 16.298 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.03 min

Lab File: VN062116.D

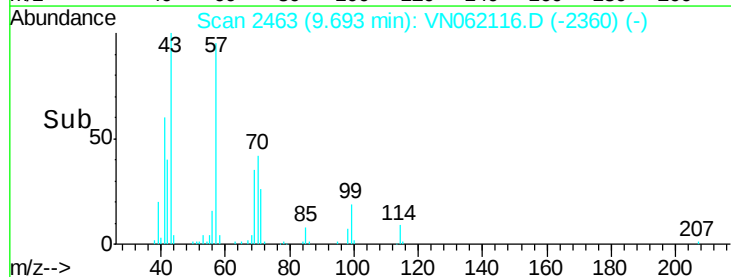
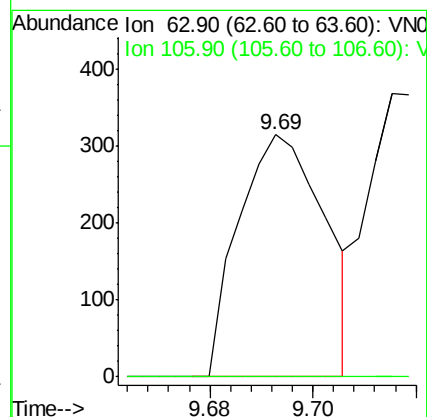
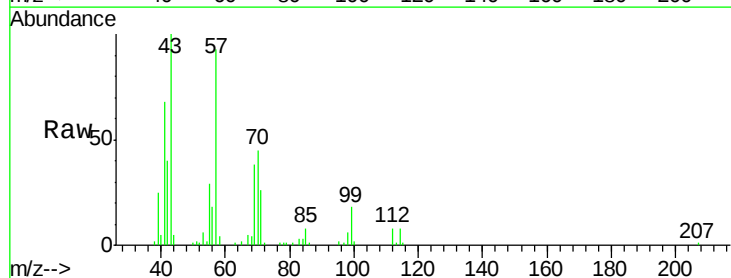
Acq: 25 Jun 2020 17:17

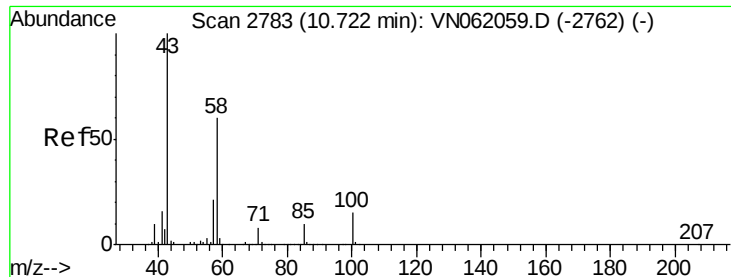
Tgt Ion: 63 Resp: 363

Ion Ratio Lower Upper

63 100

106 0.0 23.2 34.8#





#59

2-Hexanone

Concen: 20.796 ug/l

RT: 10.69 min Scan# 2773

Delta R.T. -0.03 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

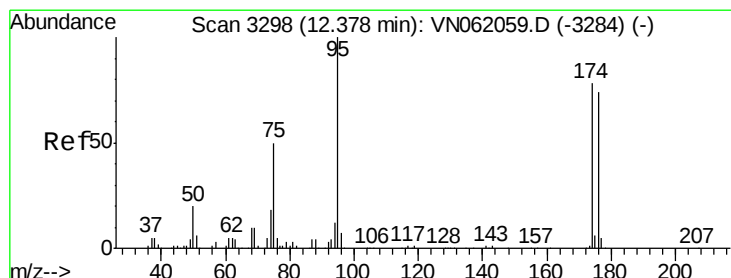
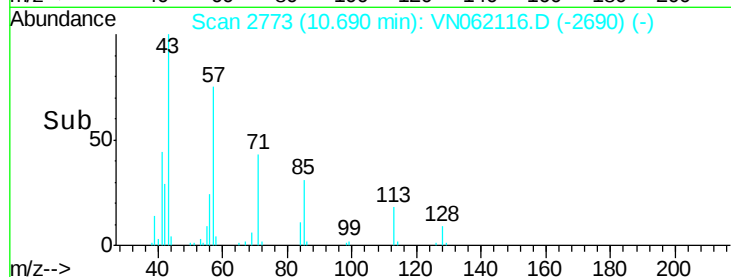
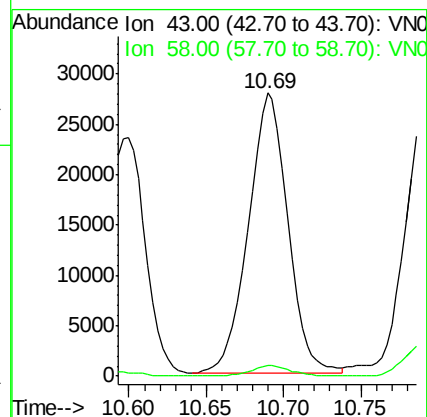
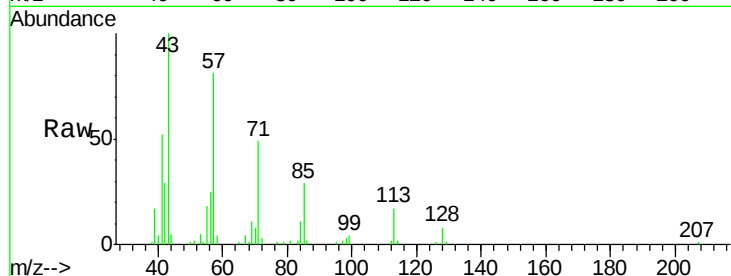
TW-7.5

Tgt Ion: 43 Resp: 49575

Ion Ratio Lower Upper

43 100

58 3.7 29.5 88.5#



#62

4-Bromofluorobenzene

Concen: 50.977 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

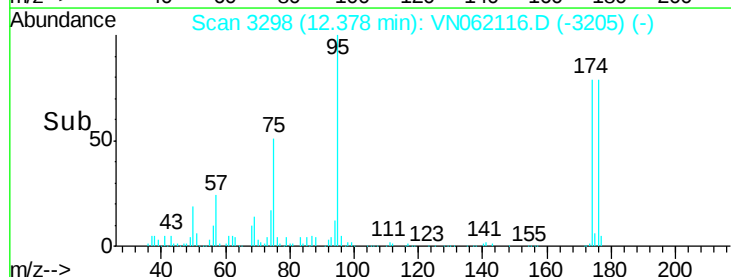
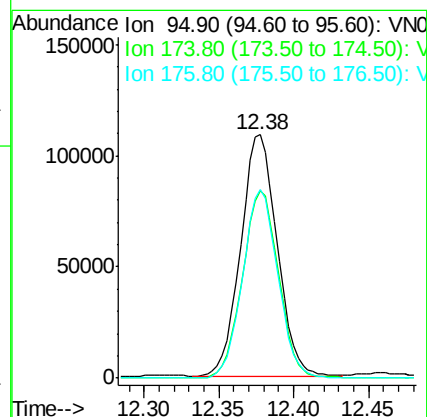
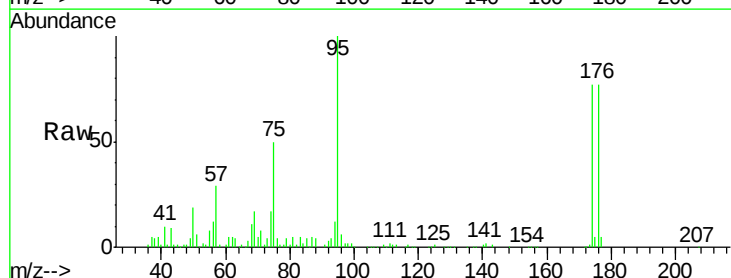
Tgt Ion: 95 Resp: 183942

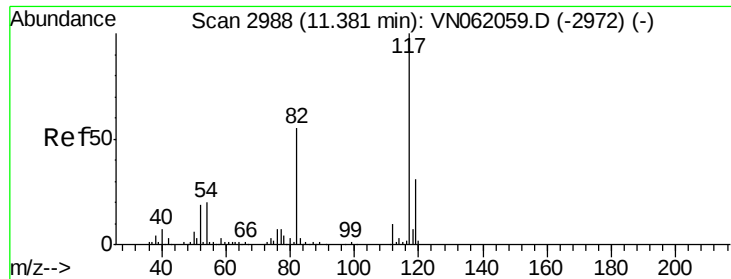
Ion Ratio Lower Upper

95 100

174 77.3 0.0 154.8

176 75.5 0.0 147.4

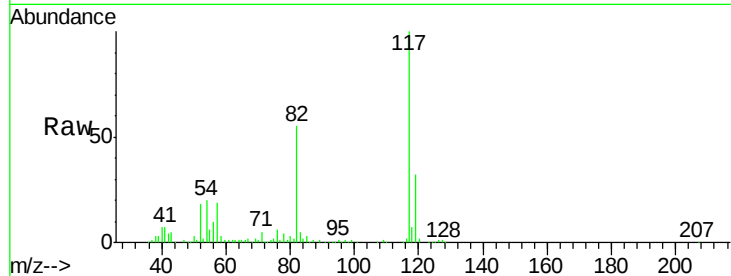




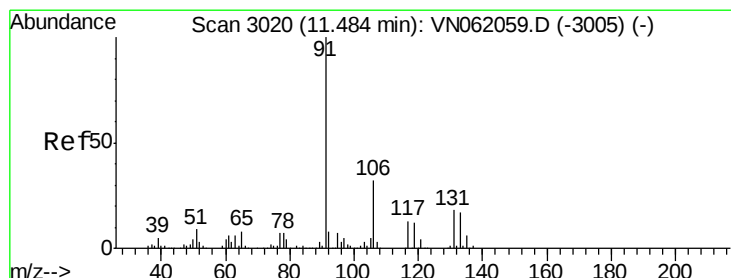
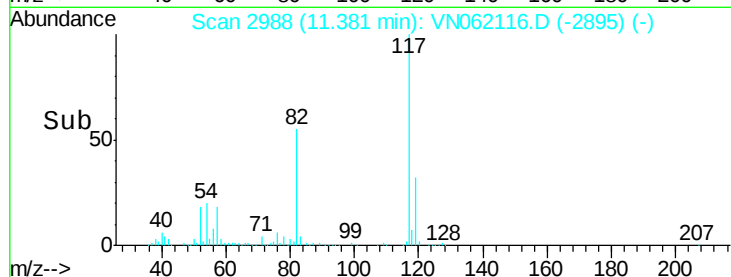
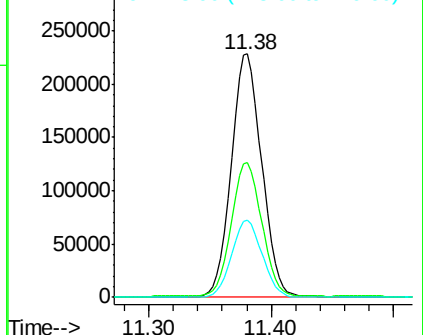
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tgt Ion:117 Resp: 396740
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 31.8 25.2 37.8

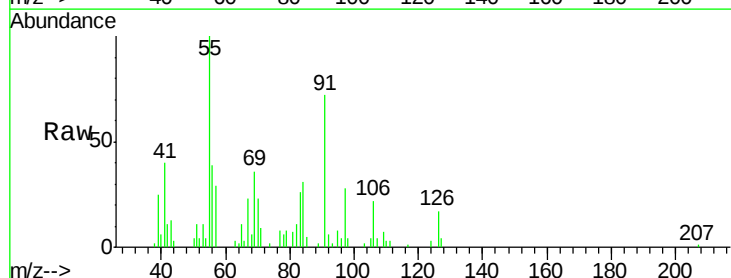


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

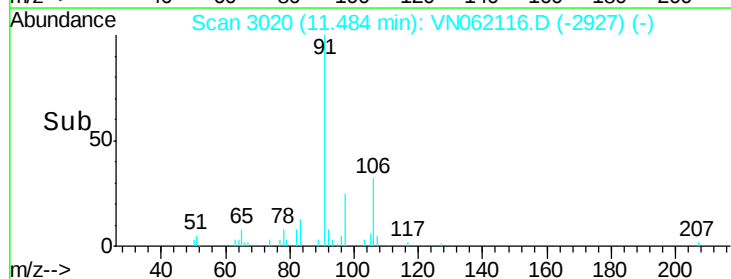
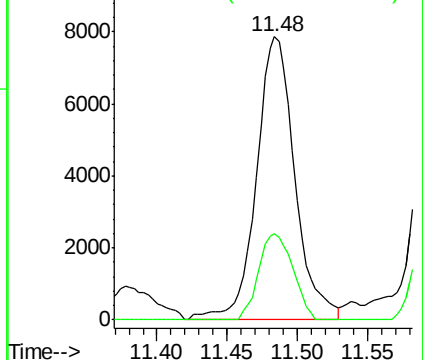


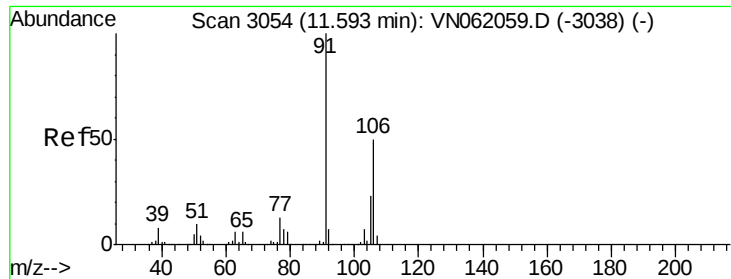
#67
Ethyl Benzene
Concen: 1.020 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion: 91 Resp: 15005
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9



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

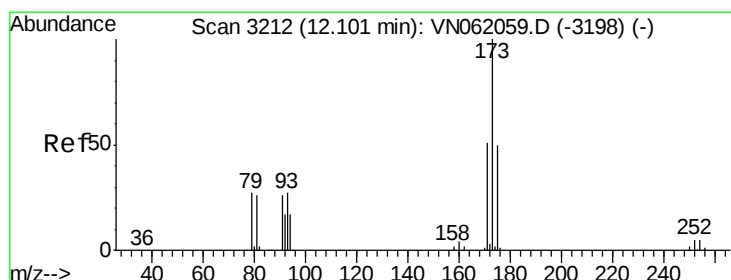
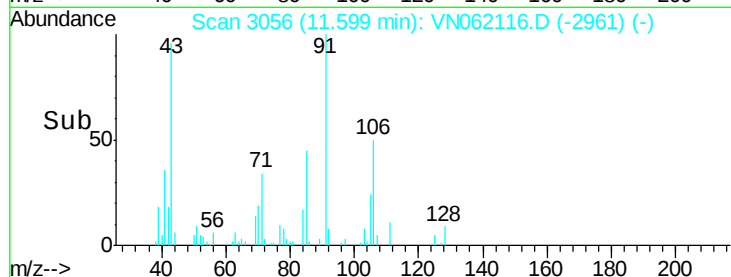
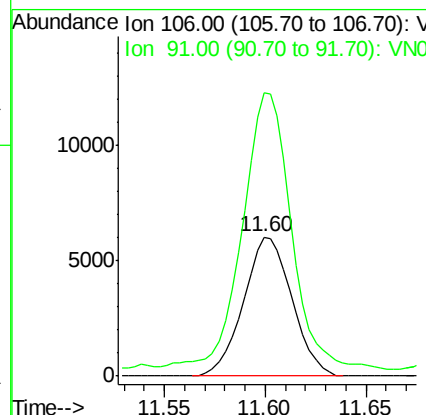
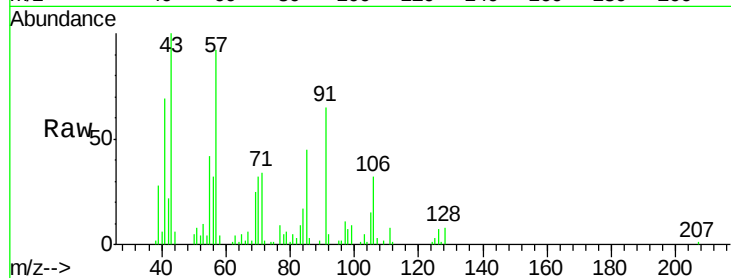




#68
m/p-Xylenes
Concen: 1.778 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.01 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

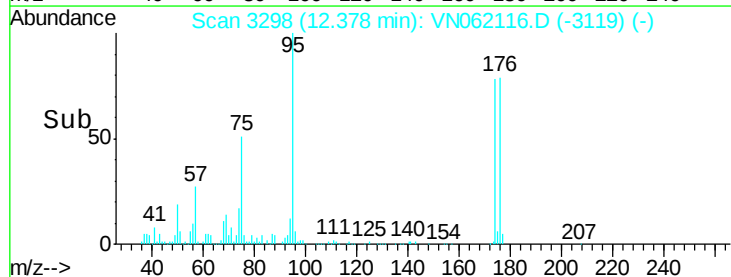
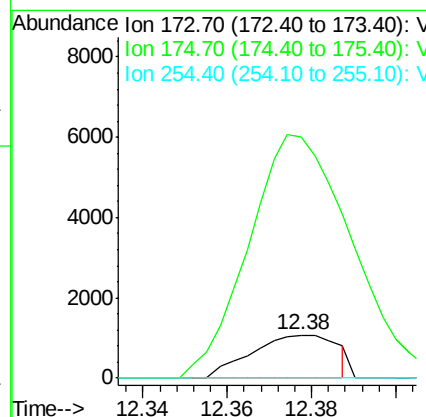
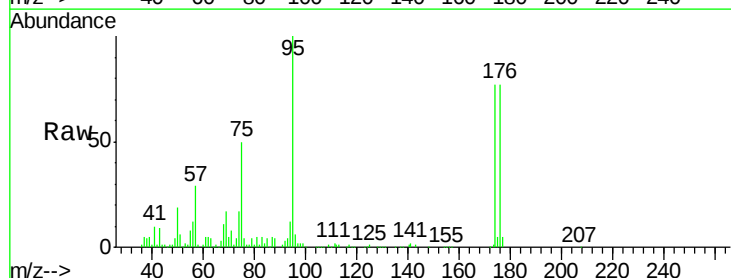
Instrument :
MSVOA_N
ClientSampled :
TW-7.5

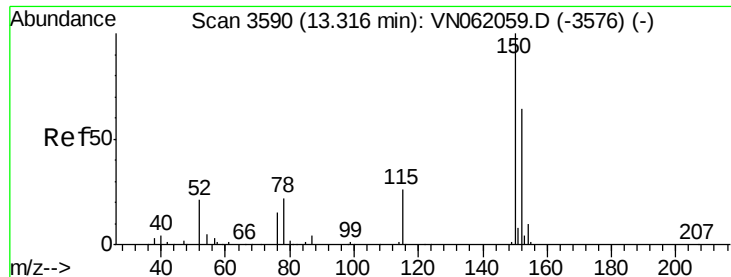
Tgt Ion:106 Resp: 10118
Ion Ratio Lower Upper
106 100
91 202.4 157.8 236.8



#71
Bromoform
Concen: 0.710 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion:173 Resp: 1520
Ion Ratio Lower Upper
173 100
175 559.1 24.7 74.1#
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: VN062116.D

Acq: 25 Jun 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

TW-7.5

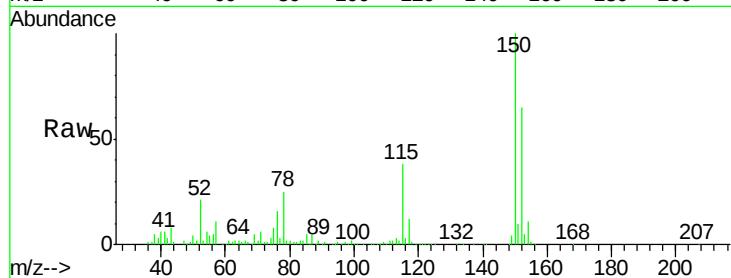
Tgt Ion:152 Resp: 176340

Ion Ratio Lower Upper

152 100

115 58.9 29.5 88.5

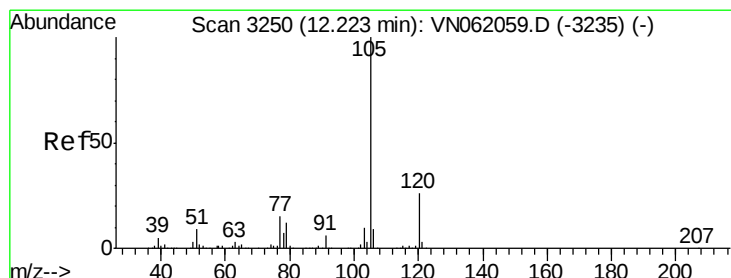
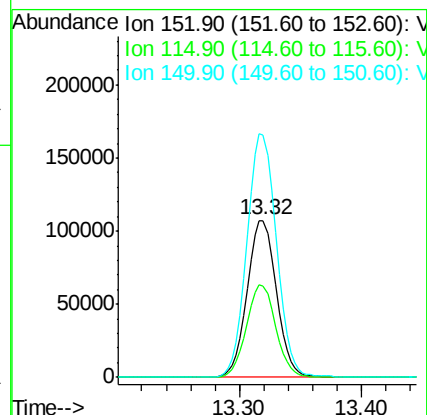
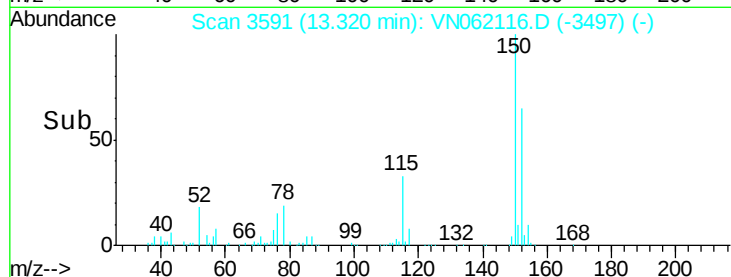
150 157.2 0.0 351.4



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: 2.732 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062116.D

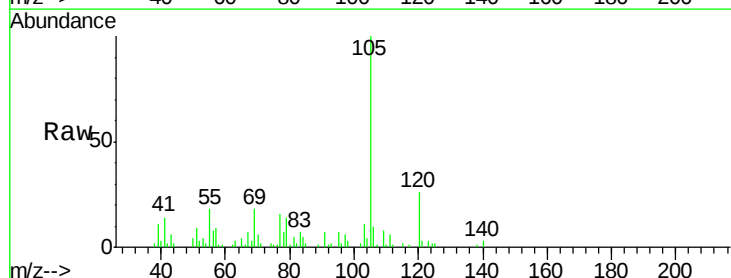
Acq: 25 Jun 2020 17:17

Tgt Ion:105 Resp: 37296

Ion Ratio Lower Upper

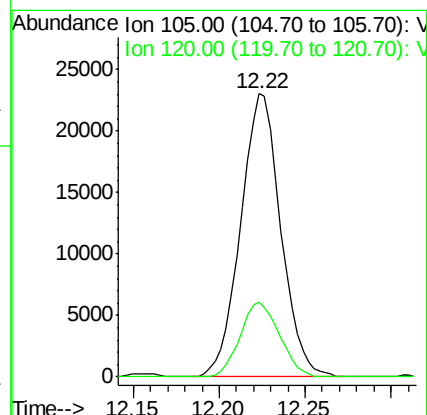
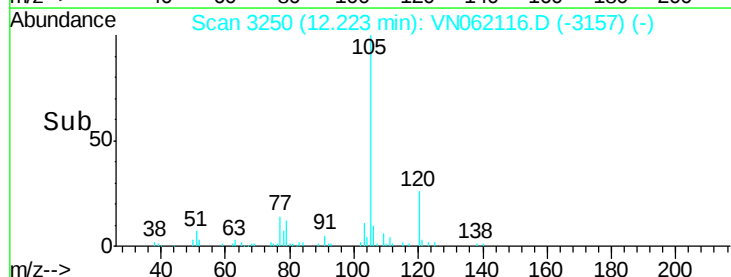
105 100

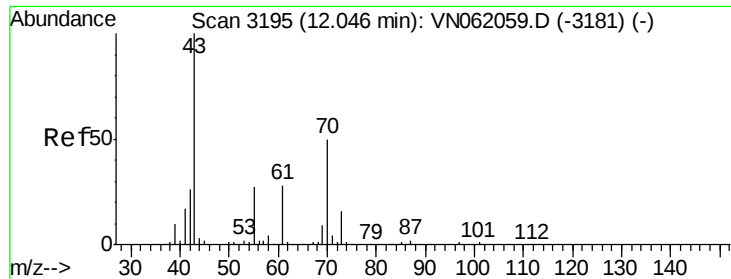
120 25.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 7.658 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.03 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

Tgt Ion: 43 Resp: 23234

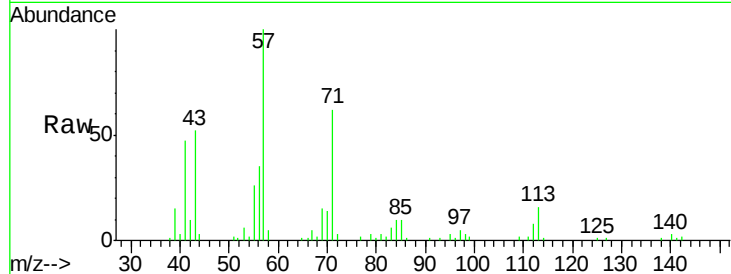
Ion Ratio Lower Upper

43 100

70 19.4 39.4 59.2#

55 7.5 21.7 32.5#

61 0.0 21.3 31.9#

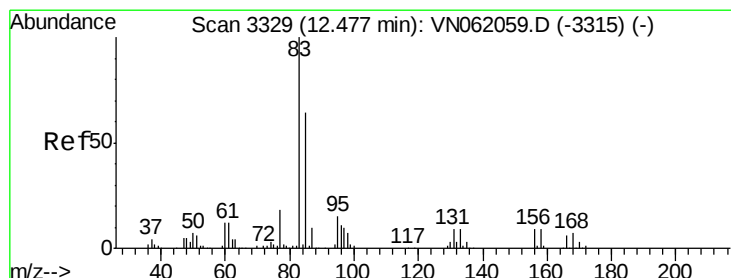
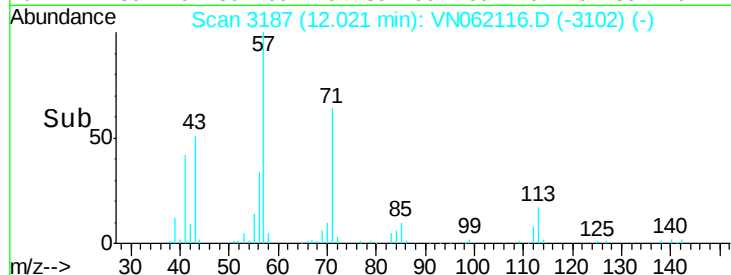
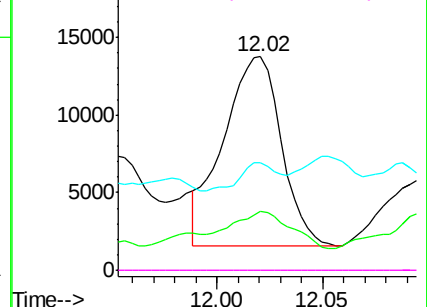


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 1.241 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.04 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

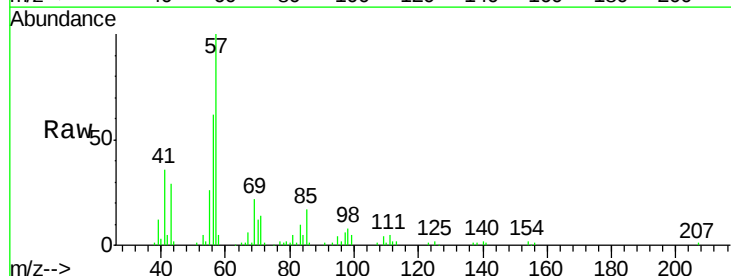
Tgt Ion: 83 Resp: 5638

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

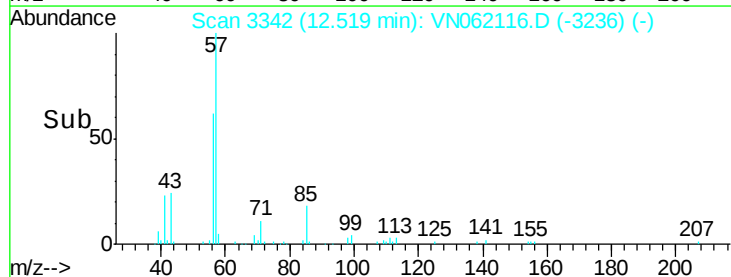
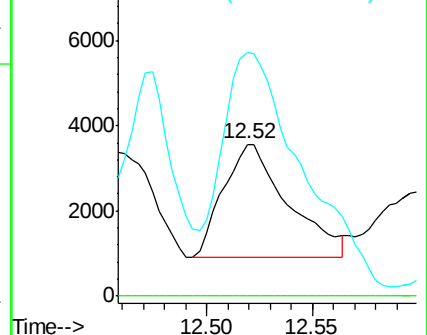
85 256.4 32.4 97.0#

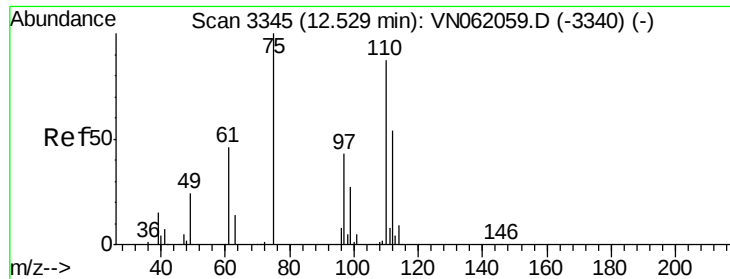


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

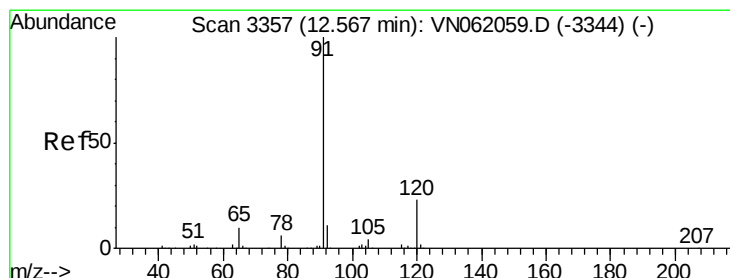
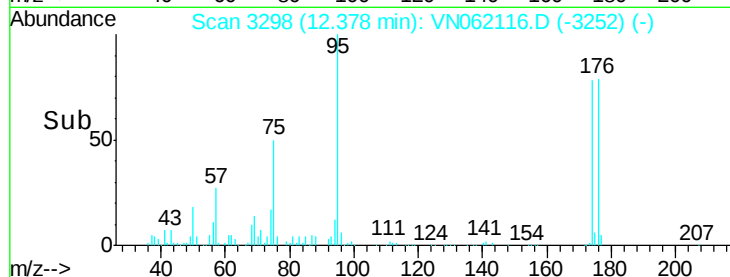
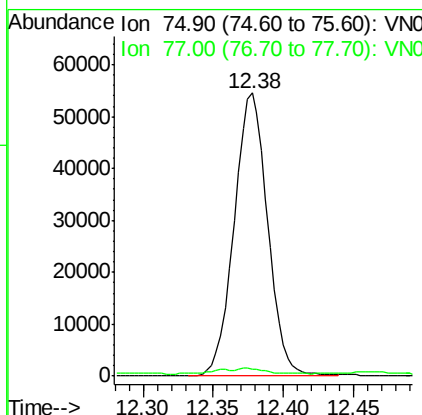
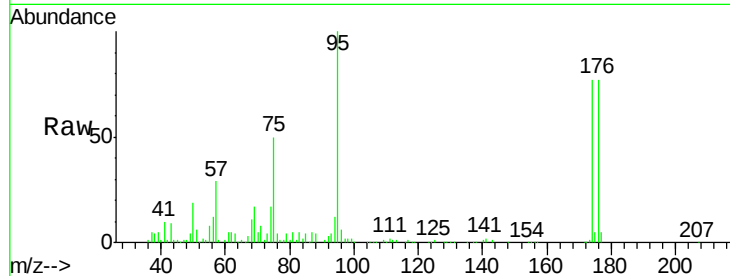




#76
 1,2,3-Trichloropropane
 Concen: 21.899 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

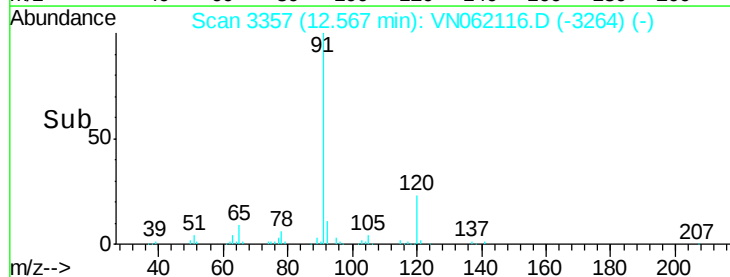
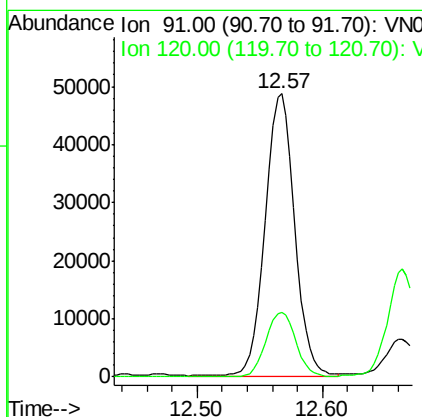
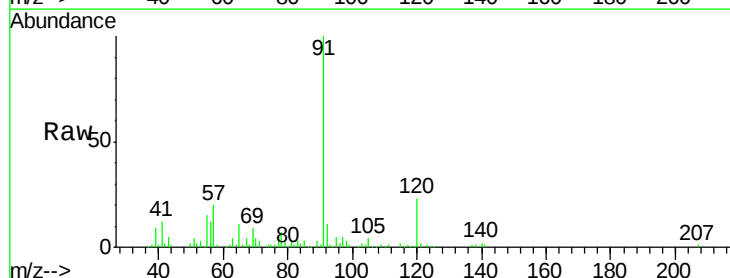
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7.5

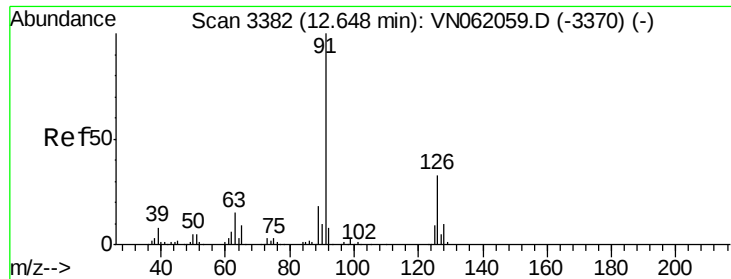
Tgt Ion: 75 Resp: 90906
 Ion Ratio Lower Upper
 75 100
 77 3.0 0.0 0.0#



#78
 n-propylbenzene
 Concen: 5.100 ug/l
 RT: 12.57 min Scan# 3357
 Delta R.T. -0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Tgt Ion: 91 Resp: 79632
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.4 34.1

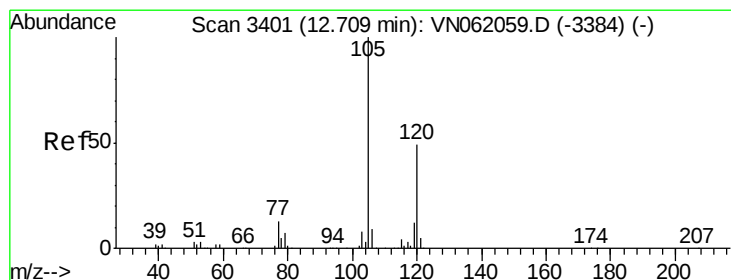
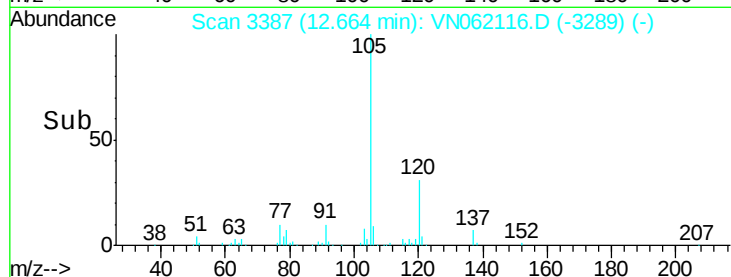
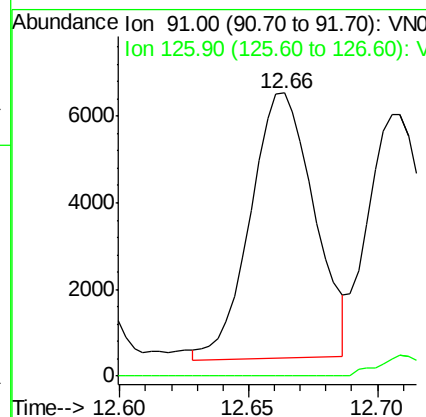
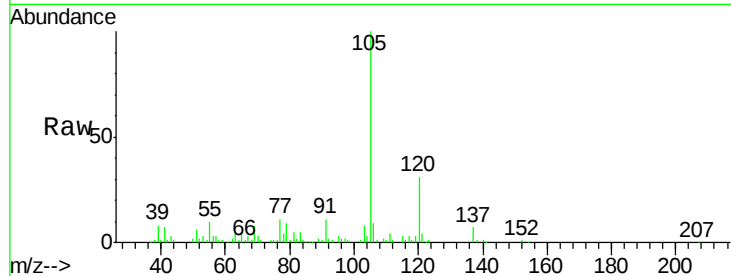




#79
 2-Chlorotoluene
 Concen: 1.114 ug/l
 RT: 12.66 min Scan# 3387
 Delta R.T. 0.02 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

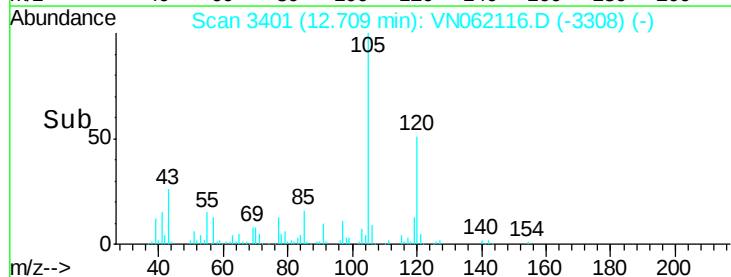
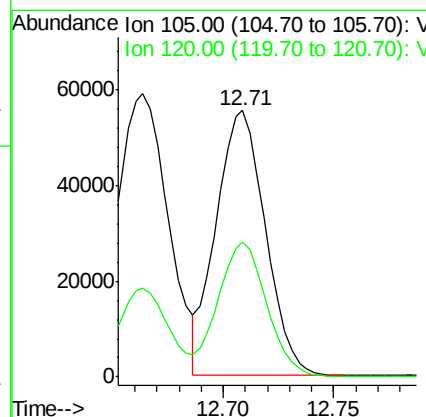
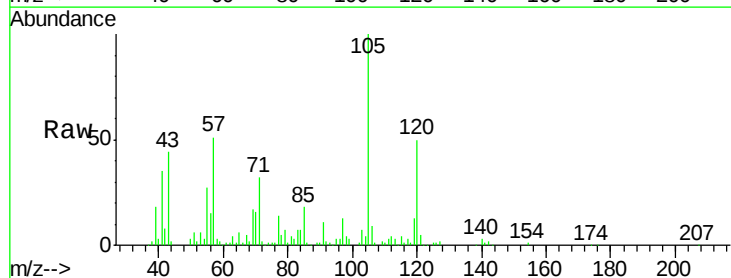
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7.5

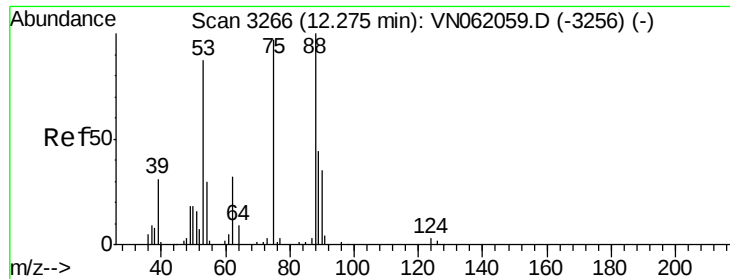
Tgt Ion: 91 Resp: 10520
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.9 50.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 7.729 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Tgt Ion: 105 Resp: 85530
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 63.953 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

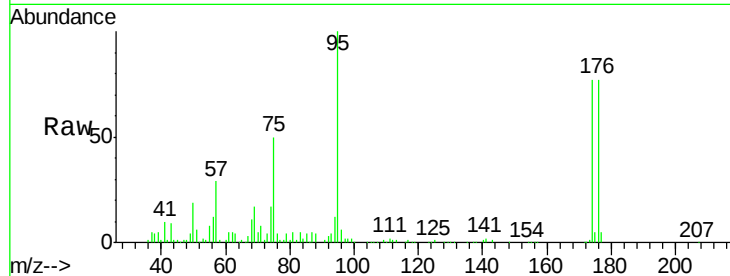
Tgt Ion: 75 Resp: 90906

Ion Ratio Lower Upper

75 100

53 7.8 72.0 108.0#

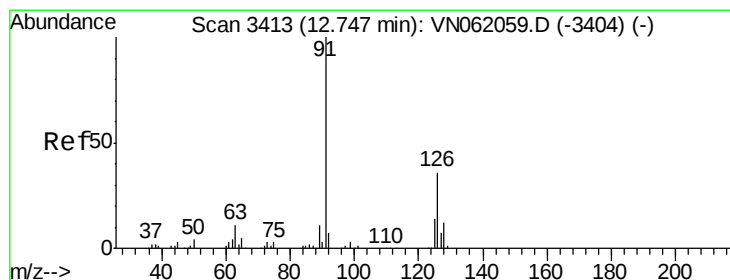
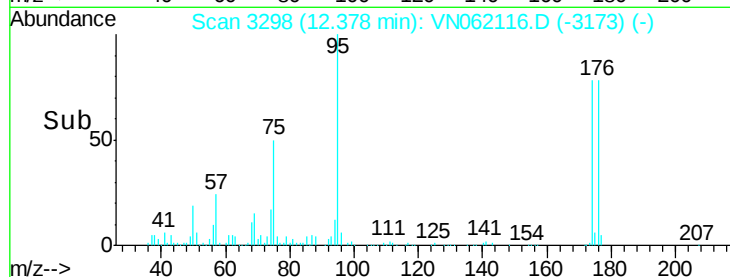
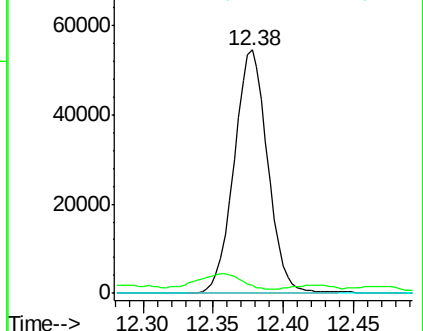
89 0.0 36.9 55.3#



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: 0.881 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.04 min

Lab File: VN062116.D

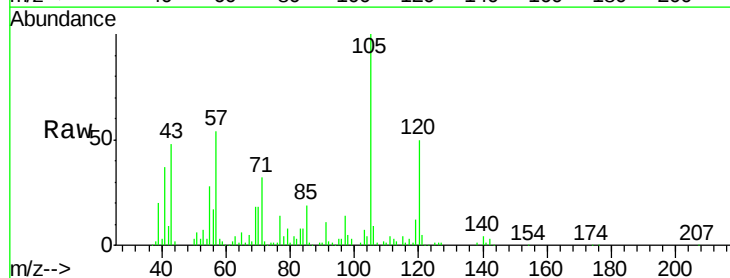
Acq: 25 Jun 2020 17:17

Tgt Ion: 91 Resp: 8597

Ion Ratio Lower Upper

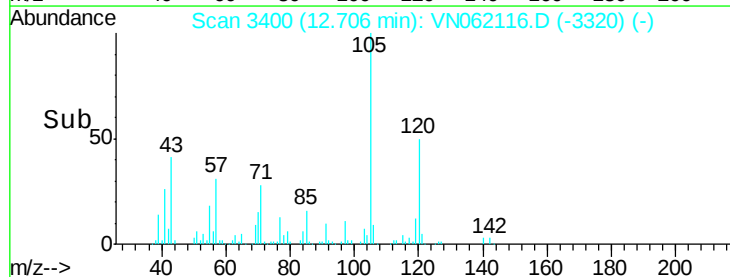
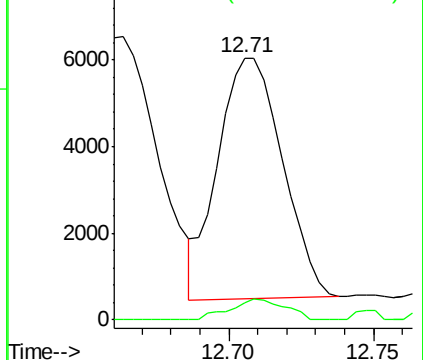
91 100

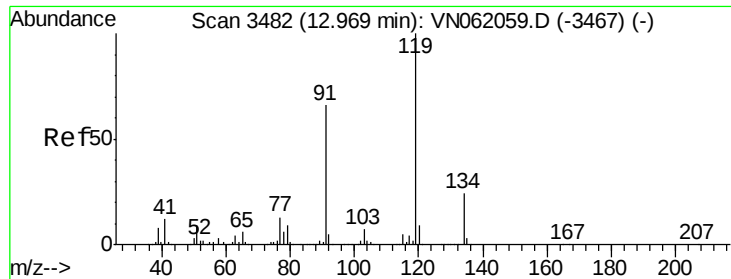
126 7.4 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

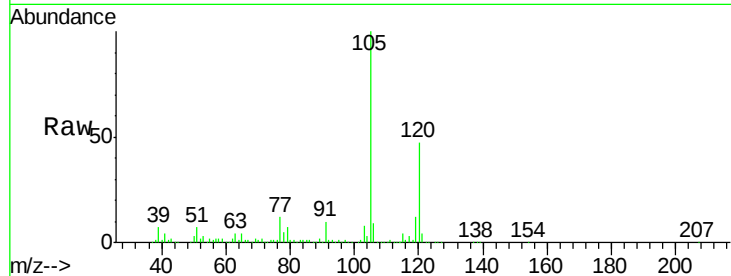




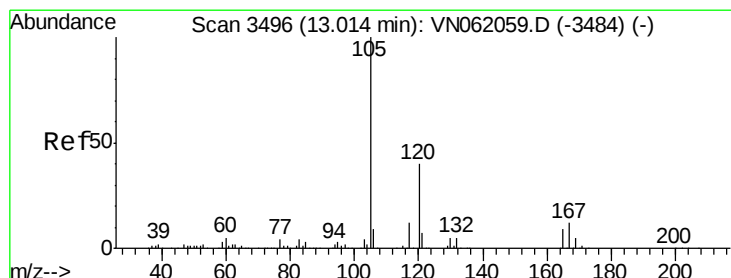
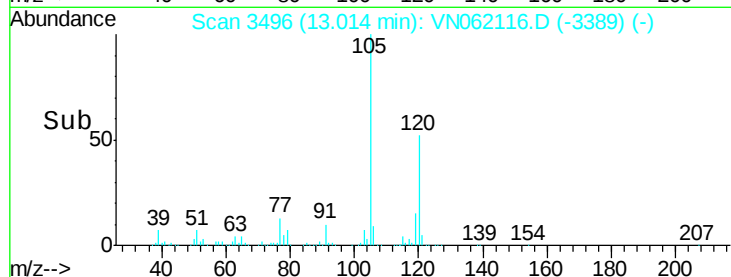
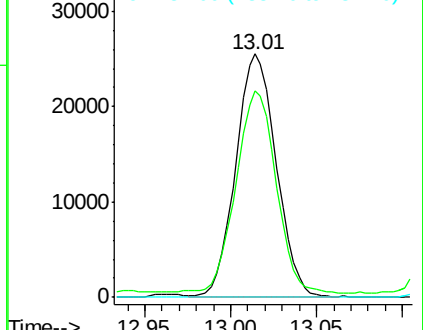
#83
 tert-Butylbenzene
 Concen: 4.404 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.04 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Instrument :
 MSVOA_N
 ClientSampled :
 TW-7.5

Tgt Ion:119 Resp: 41703
 Ion Ratio Lower Upper
 119 100
 91 83.1 31.7 95.1
 134 0.0 13.1 39.1#

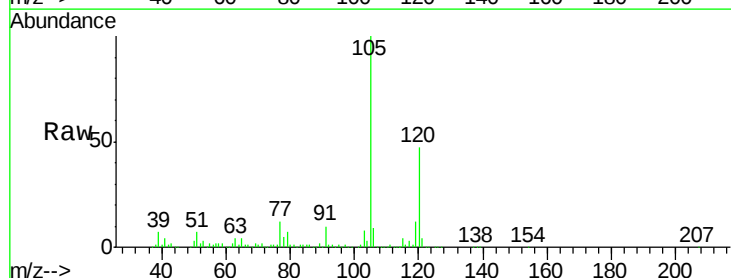


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

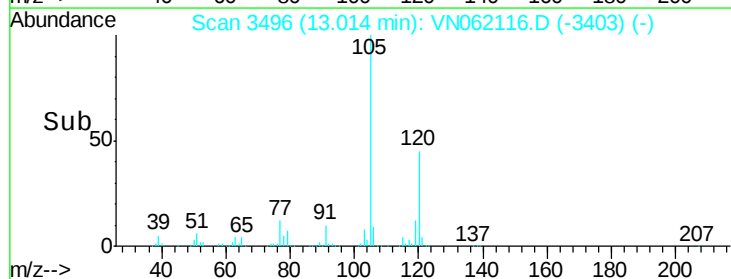
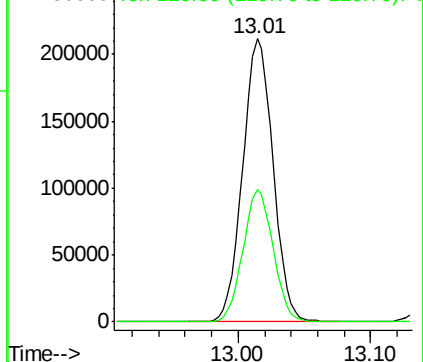


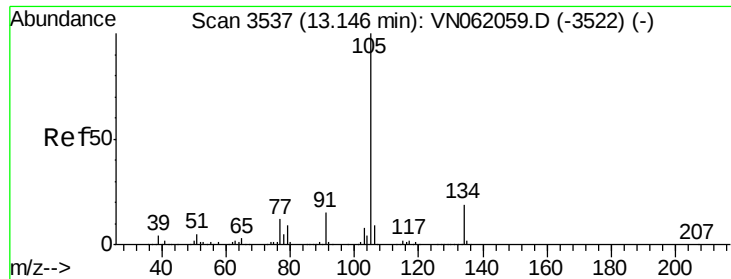
#84
 1,2,4-Trimethylbenzene
 Concen: 30.474 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Tgt Ion:105 Resp: 336783
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

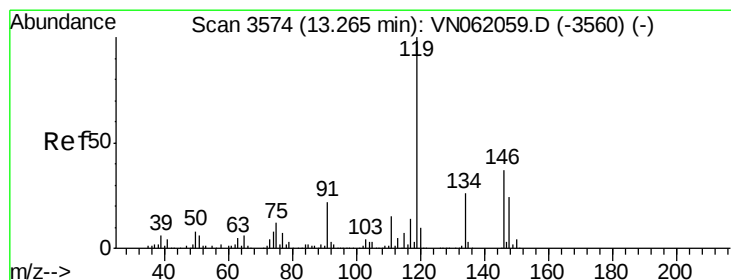
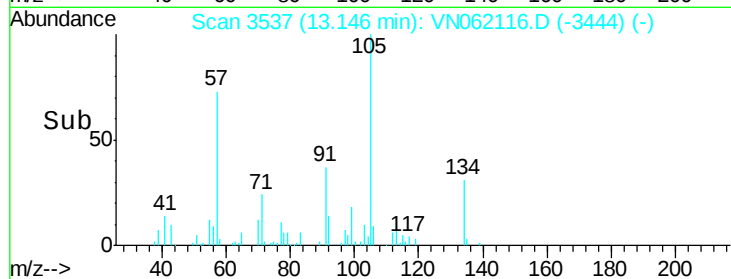
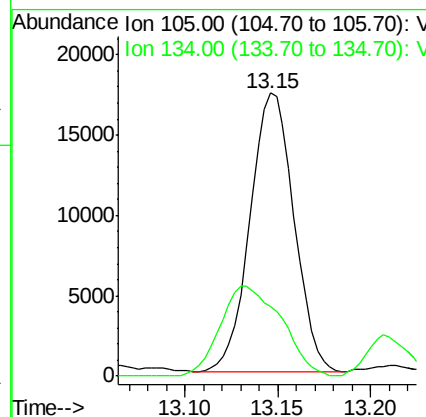
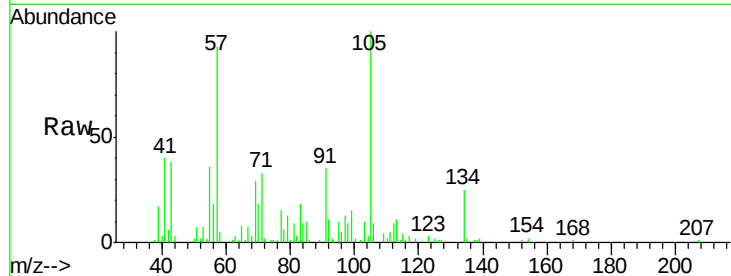




#85
 sec-Butylbenzene
 Concen: 2.293 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

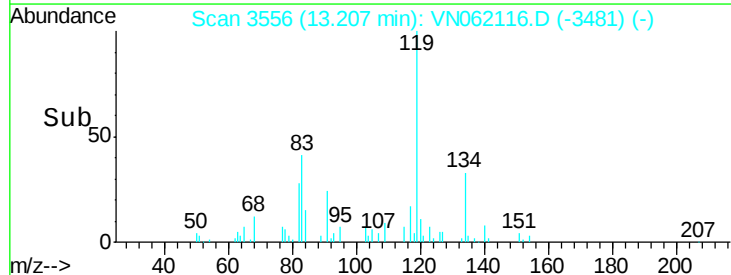
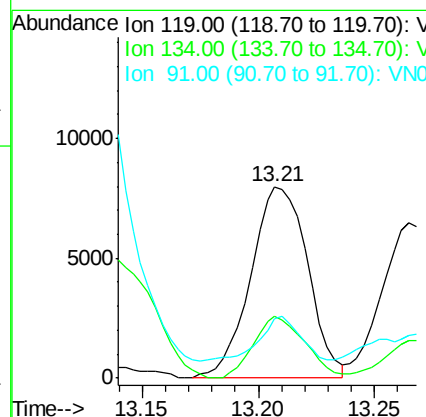
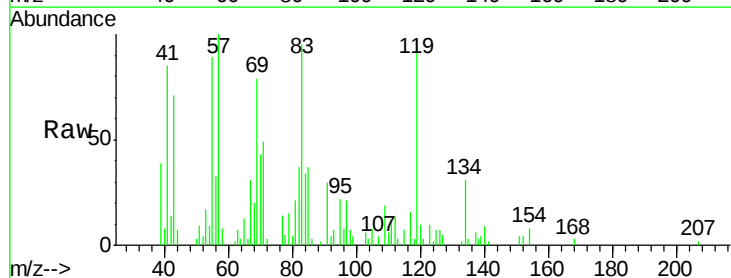
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7.5

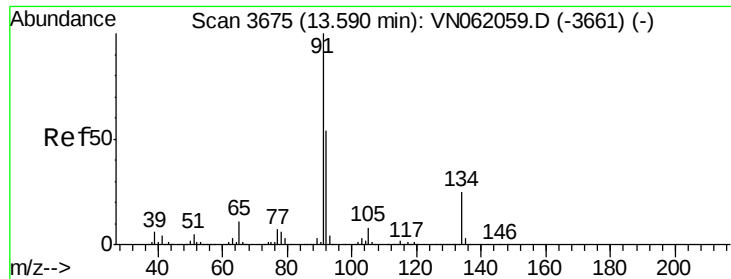
Tgt Ion:105 Resp: 28695
 Ion Ratio Lower Upper
 105 100
 134 44.8 9.7 29.1#



#86
 p-Isopropyltoluene
 Concen: 1.241 ug/l
 RT: 13.21 min Scan# 3556
 Delta R.T. -0.06 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Tgt Ion:119 Resp: 13605
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.0 39.0
 91 16.3 11.3 33.8

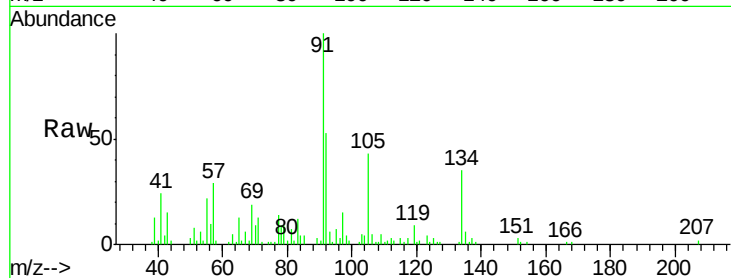




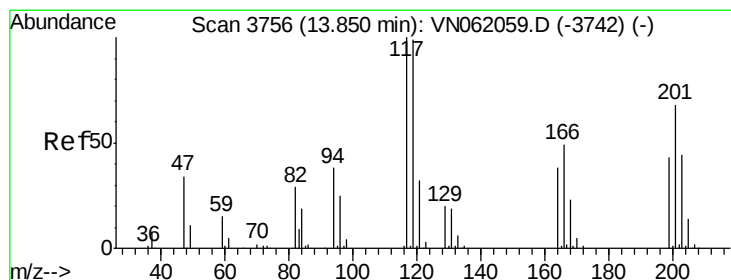
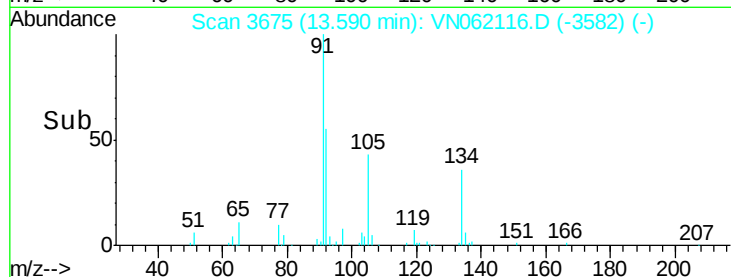
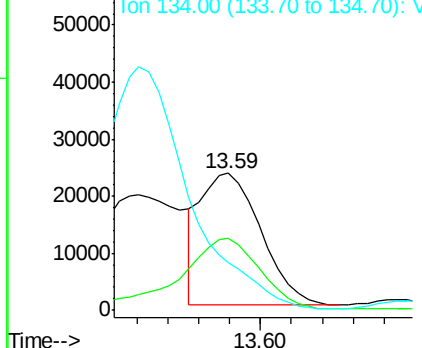
#89
n-Butylbenzene
Concen: 3.401 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tgt Ion: 91 Resp: 30998
Ion Ratio Lower Upper
91 100
92 74.8 26.6 79.7
134 0.0 12.3 36.9#

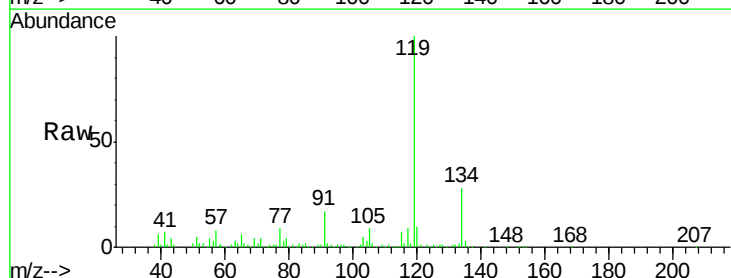


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

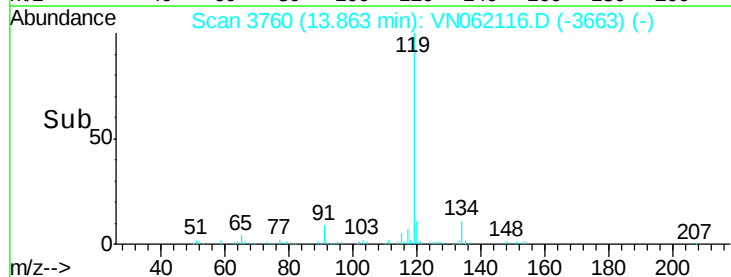
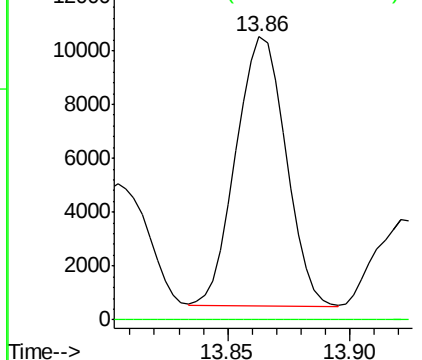


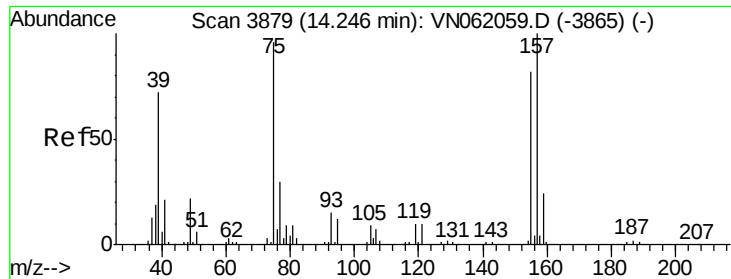
#90
Hexachloroethane
Concen: 6.607 ug/l
RT: 13.86 min Scan# 3760
Delta R.T. 0.01 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion: 117 Resp: 14211
Ion Ratio Lower Upper
117 100
201 0.0 32.7 98.1#



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: 0.695 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.03 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

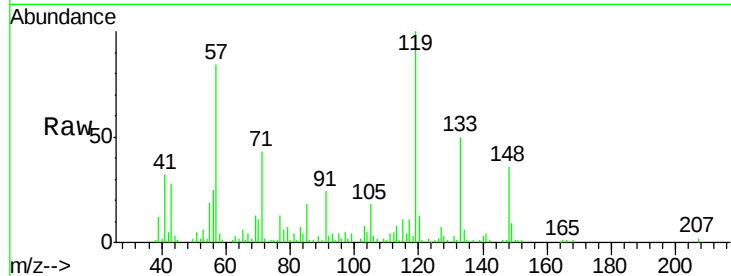
Tgt Ion: 75 Resp: 506

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.4#

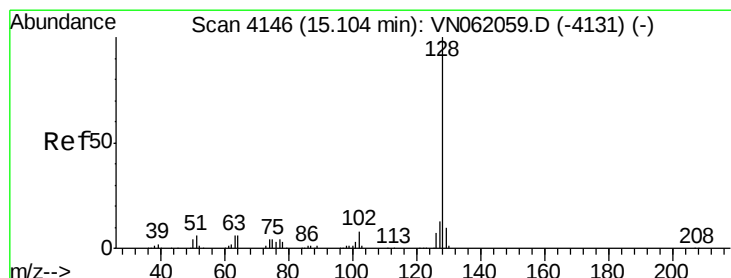
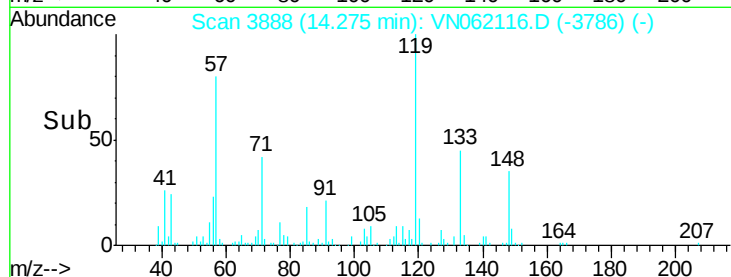
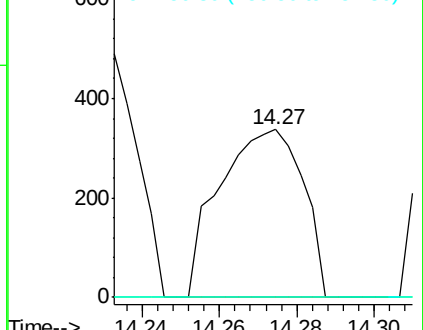
157 0.0 51.4 154.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062116.D (-3786) (-)

Ion 154.80 (154.50 to 155.50): VN062116.D (-3786) (-)

Ion 156.80 (156.50 to 157.50): VN062116.D (-3786) (-)



#95

Naphthalene

Concen: 5.339 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

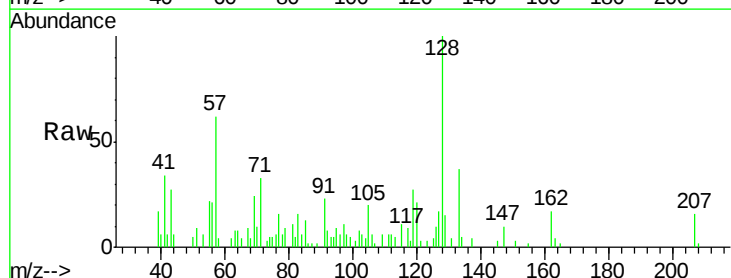
Tgt Ion: 128 Resp: 12280

Ion Ratio Lower Upper

128 100

127 23.2 10.5 15.7#

129 16.3 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN062116.D (-4053) (-)

Ion 127.00 (126.70 to 127.70): VN062116.D (-4053) (-)

Ion 129.00 (128.70 to 129.70): VN062116.D (-4053) (-)

