

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061141.D
 Acq On : 22 Apr 2020 20:40
 Operator : JC/MD
 Sample : L2330-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 07:38:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	186043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	307925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	294703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	147110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.77	65	116740	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
35) Dibromofluoromethane	7.31	113	87152	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	9.88	98	377410	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.21	95	148936	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.17	74	341	0.270	ug/l	62
11) Tert butyl alcohol	4.44	59	13718	43.156	ug/l #	72
14) Allyl chloride	4.01	41	121	Below Cal	#	20
15) Acrylonitrile	4.69	53	4555	4.625	ug/l #	39
16) Acetone	3.55	43	34387	28.532	ug/l	98
17) Carbon Disulfide	3.79	76	1932	0.347	ug/l #	75
19) Methyl tert-butyl Ether	4.69	73	432416	65.822	ug/l	100
25) 2-Butanone	6.51	43	24238	18.030	ug/l	99
29) Tetrahydrofuran	6.90	42	373	0.403	ug/l #	33
31) Cyclohexane	7.39	56	3971	1.049	ug/l #	9
36) 1,1-Dichloropropene	7.40	75	14372	4.776	ug/l #	48
37) Ethyl Acetate	6.51	43	24238	8.036	ug/l #	72
38) Carbon Tetrachloride	7.40	117	17913	6.799	ug/l #	16
40) Benzene	7.78	78	5286	0.593	ug/l	98
41) Methacrylonitrile	6.89	41	2612	1.824	ug/l #	16
43) Isopropyl Acetate	7.99	43	5522	1.078	ug/l #	27
49) 1,4-Dioxane	8.98	88	811	Below Cal	#	79
51) 4-Methyl-2-Pentanone	9.78	43	2373	0.794	ug/l	87
52) Toluene	9.95	92	1542	0.276	ug/l	93
59) 2-Hexanone	10.41	43	197812	89.555	ug/l	75
67) Ethyl Benzene	11.32	91	4041	0.362	ug/l	94
68) m/p-Xylenes	11.43	106	1956	0.470	ug/l	100
69) o-Xylene	11.76	106	1812	0.450	ug/l	87
71) Bromoform	12.21	173	605	0.378	ug/l #	1
73) Isopropylbenzene	12.06	105	11677	1.051	ug/l	99
74) N-amyl acetate	11.84	43	1322	0.265	ug/l #	44
76) 1,2,3-Trichloropropane	12.21	75	75997	22.396	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.55	105	2635	0.281	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.21	75	75997	58.816	ug/l #	12
84) 1,2,4-Trimethylbenzene	12.85	105	8754	0.939	ug/l	94
86) p-Isopropyltoluene	13.10	119	6025	0.624	ug/l	99
90) Hexachloroethane	13.71	117	166	4.447	ug/l #	8
95) Naphthalene	14.93	128	175878	19.075	ug/l	100

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 22 15:26:40 2020
Response via : Initial Calibration

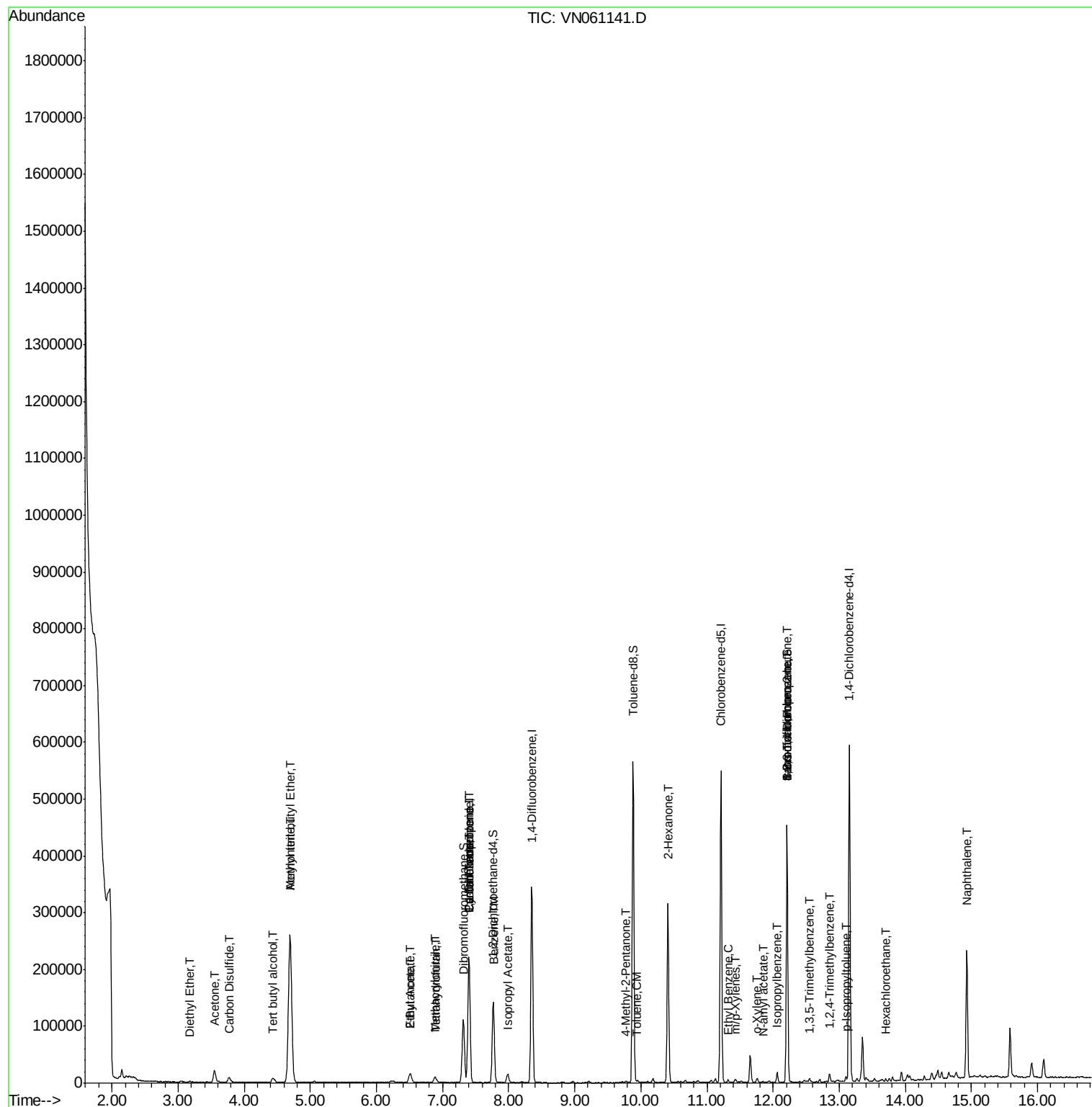
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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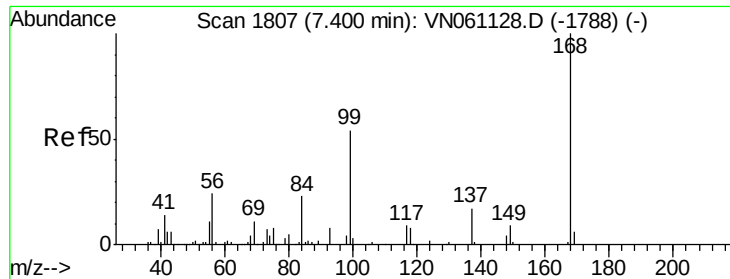
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

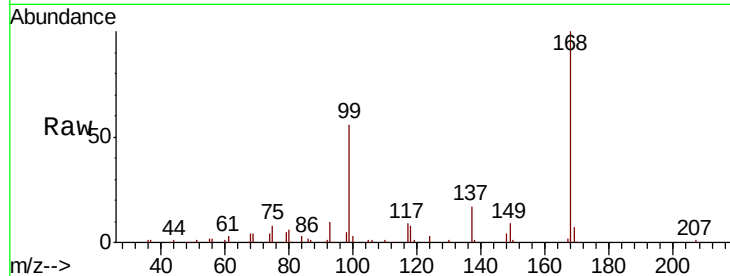
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:168 Resp: 186043

Ion Ratio Lower Upper

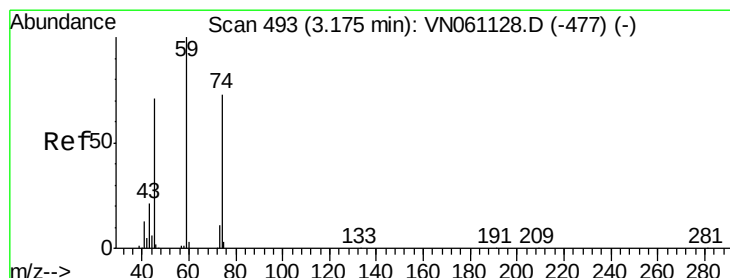
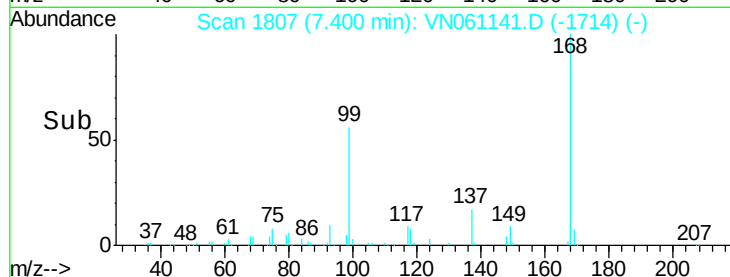
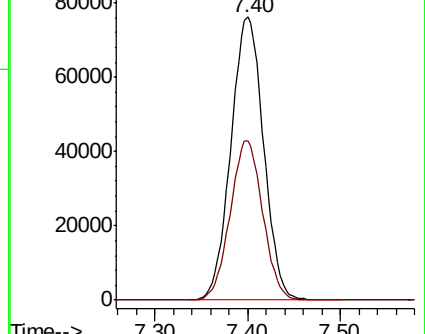
168 100

99 56.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#8

Diethyl Ether

Concen: 0.270 ug/l

RT: 3.17 min Scan# 492

Delta R.T. -0.00 min

Lab File: VN061141.D

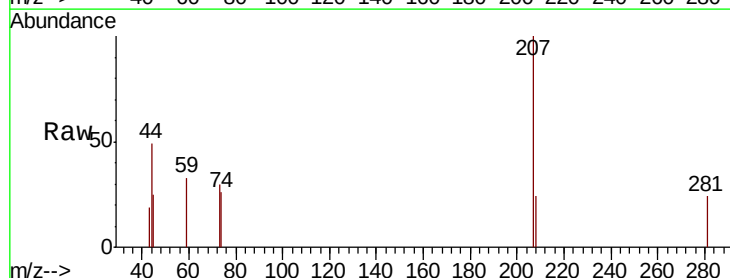
Acq: 22 Apr 2020 20:40

Tgt Ion: 74 Resp: 341

Ion Ratio Lower Upper

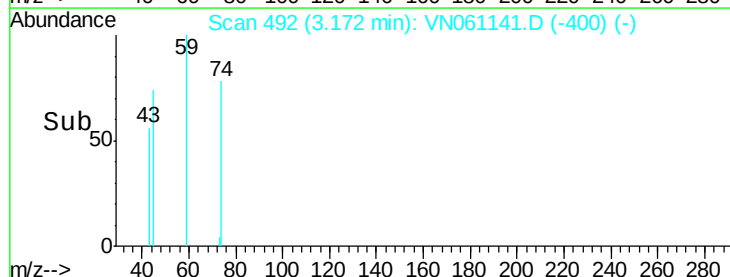
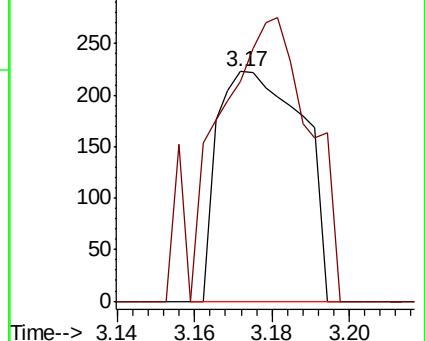
74 100

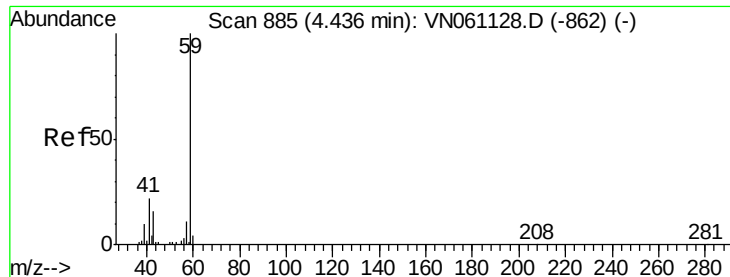
45 136.1 49.1 147.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO



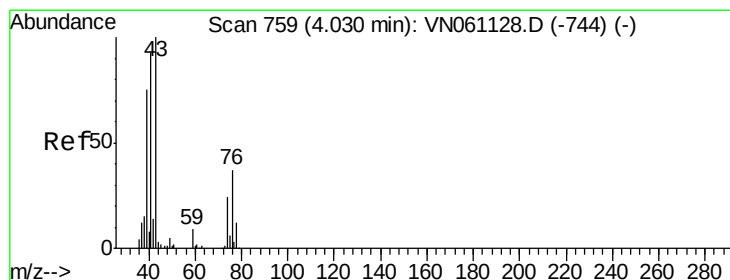
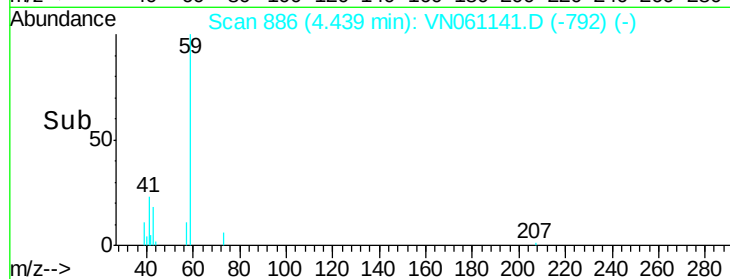
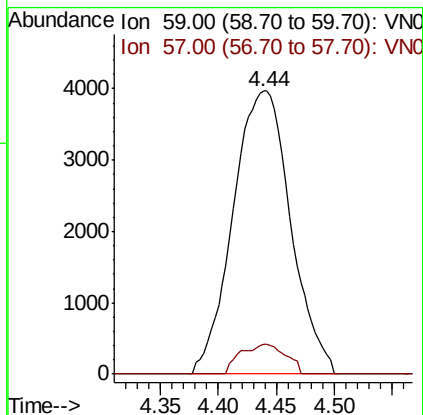
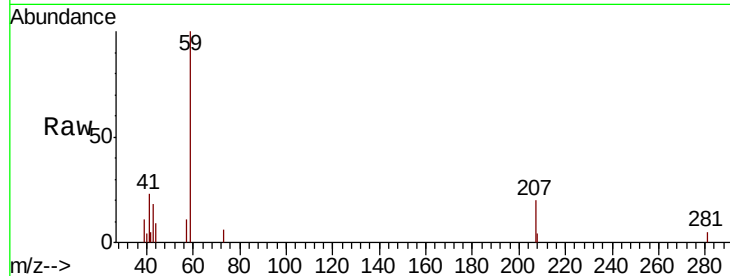


#11

Tert butyl alcohol
 Concen: 43.156 ug/l
 RT: 4.44 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VN061141.D
 Acq: 22 Apr 2020 20:40

Instrument :
 MSVOA_V
 ClientSampleId :

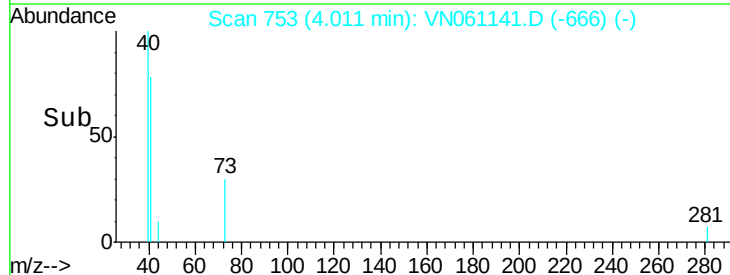
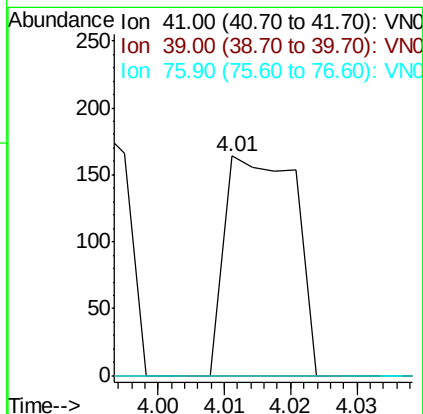
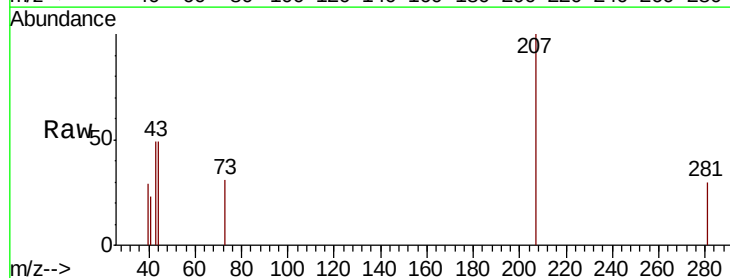
Tot Ion: 59 Resp: 13718
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

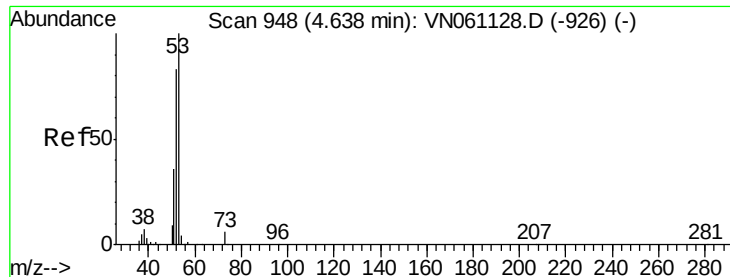


#14

Allyl chloride
 Concen: Below Cal
 RT: 4.01 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: VN061141.D
 Acq: 22 Apr 2020 20:40

Tgt Ion: 41 Resp: 121
 Ion Ratio Lower Upper
 41 100
 39 0.0 61.0 91.4#
 76 0.0 28.9 43.3#





#15

Acrylonitrile

Concen: 4.625 ug/l

RT: 4.69 min Scan# 965

Delta R.T. 0.05 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

Instrument :
MSVOA_V
ClientSampleId :

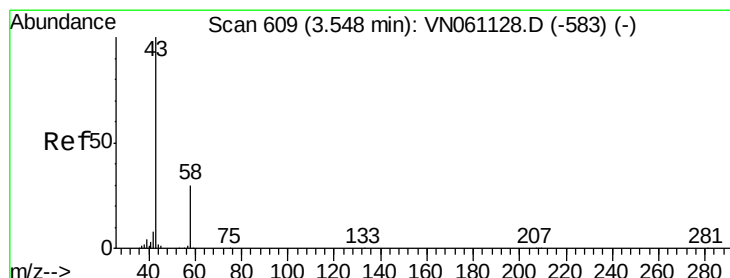
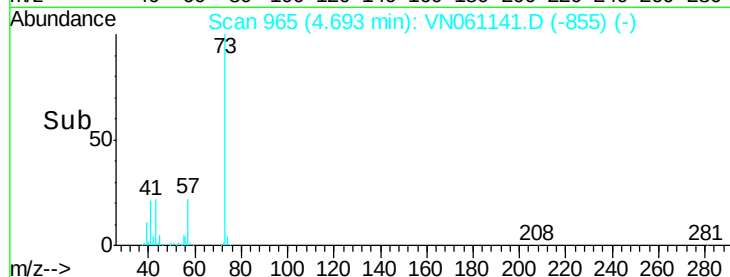
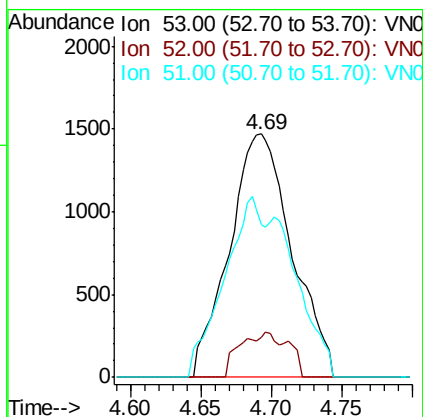
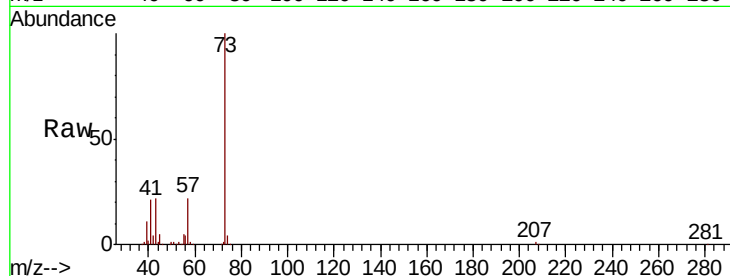
Tot Ion: 53 Resp: 4555

Ion Ratio Lower Upper

53 100

52 11.0 66.1 99.1#

51 47.1 29.0 43.4#



#16

Acetone

Concen: 28.532 ug/l

RT: 3.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN061141.D

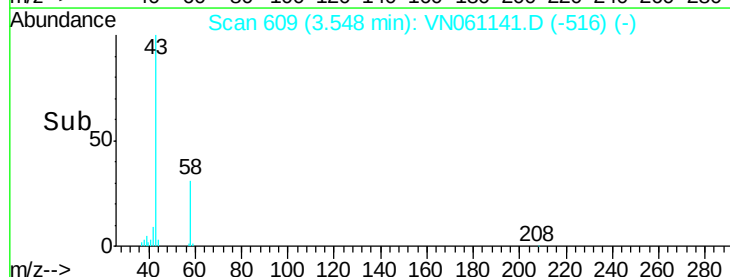
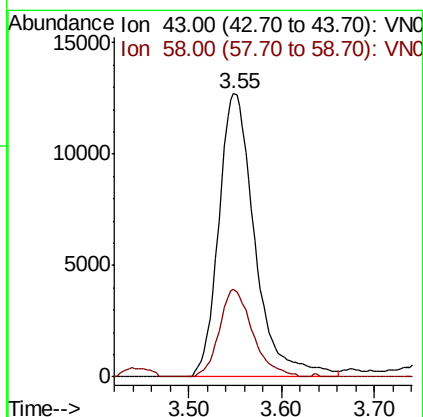
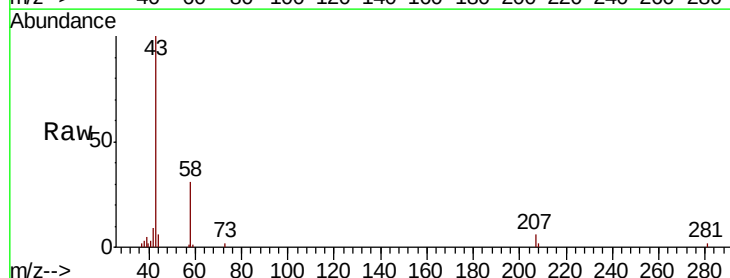
Acq: 22 Apr 2020 20:40

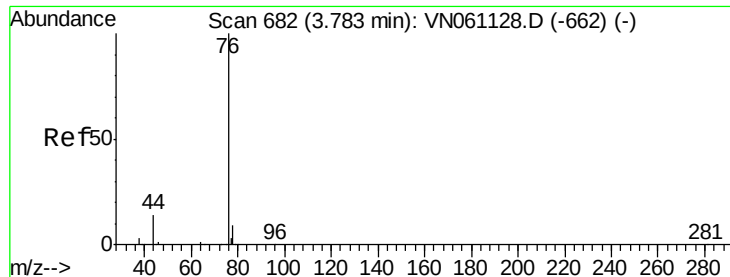
Tgt Ion: 43 Resp: 34387

Ion Ratio Lower Upper

43 100

58 30.8 23.6 35.4





#17

Carbon Disulfide

Concen: 0.347 ug/l

RT: 3.79 min Scan# 683

Delta R.T. 0.00 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

Instrument :

MSVOA_V

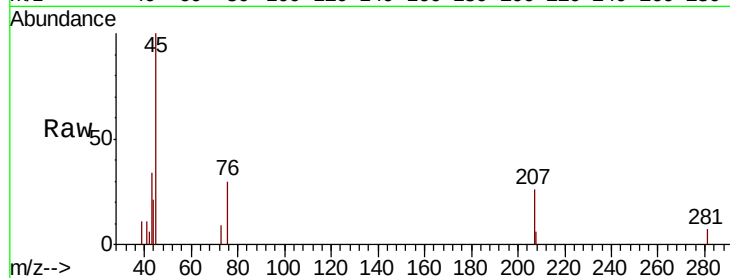
ClientSampleId :

Tot Ion: 76 Resp: 1932

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

3.79

800

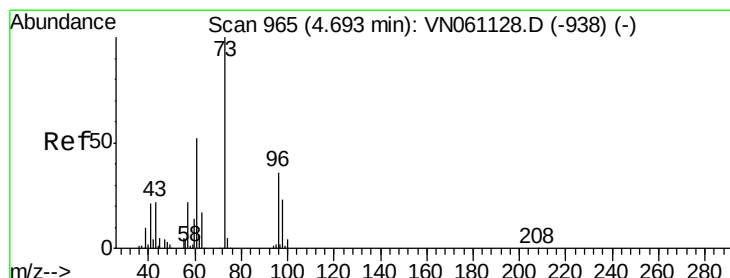
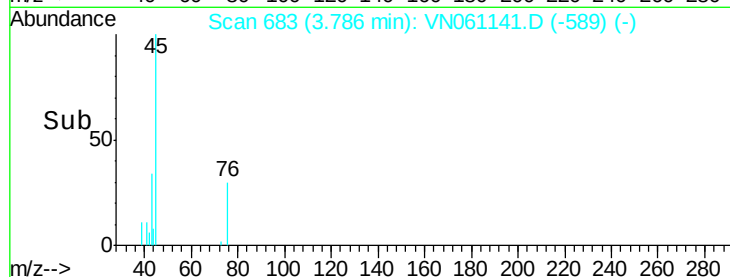
600

400

200

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 65.822 ug/l

RT: 4.69 min Scan# 965

Delta R.T. -0.00 min

Lab File: VN061141.D

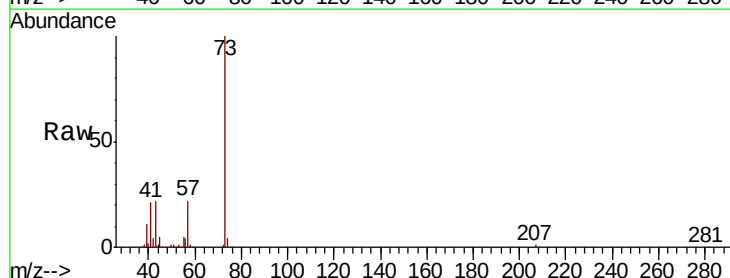
Acq: 22 Apr 2020 20:40

Tgt Ion: 73 Resp: 432416

Ion Ratio Lower Upper

73 100

57 22.1 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

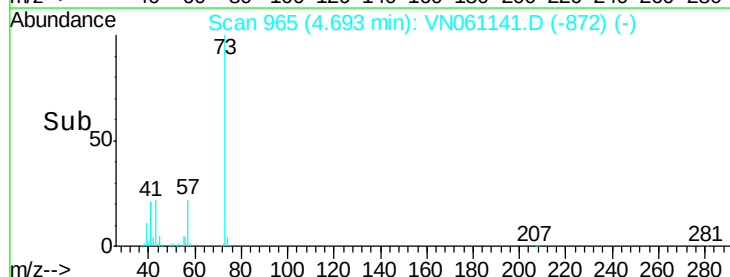
4.69

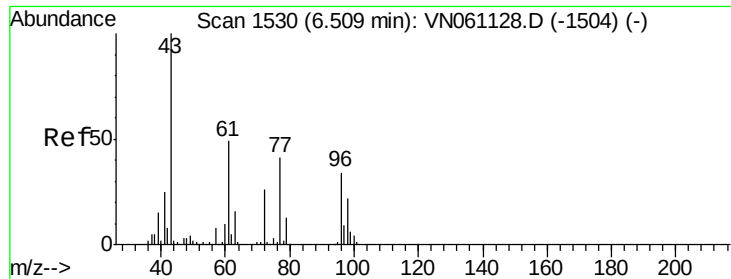
100000

50000

0

Time-->





#25

2-Butanone

Concen: 18.030 ug/l

RT: 6.51 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

Instrument :

MSVOA_V

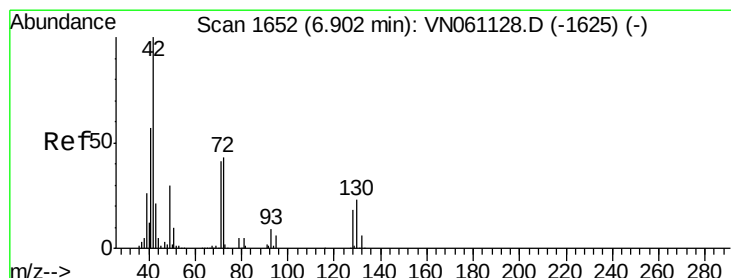
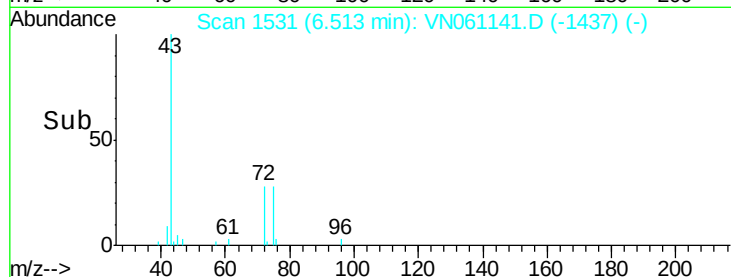
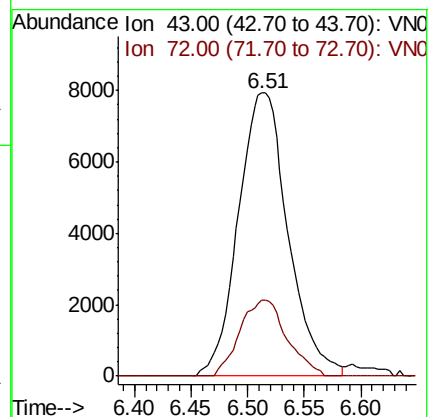
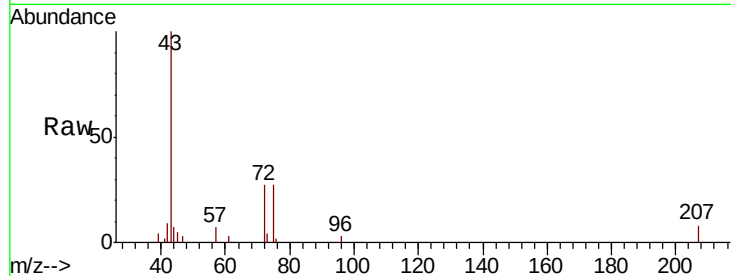
ClientSampleId :

Tot Ion: 43 Resp: 24238

Ion Ratio Lower Upper

43 100

72 26.8 20.8 31.2



#29

Tetrahydrofuran

Concen: 0.403 ug/l

RT: 6.90 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

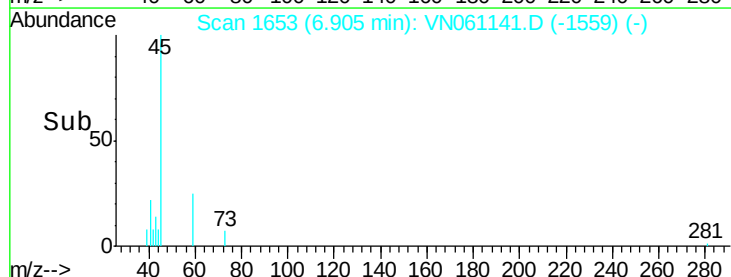
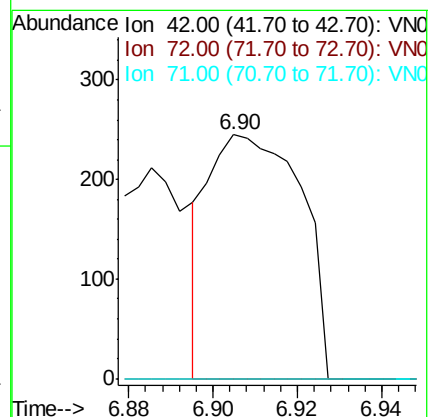
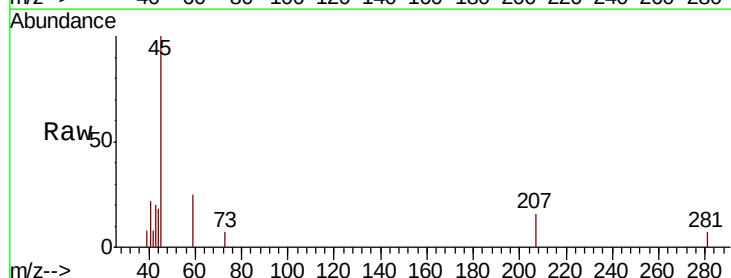
Tgt Ion: 42 Resp: 373

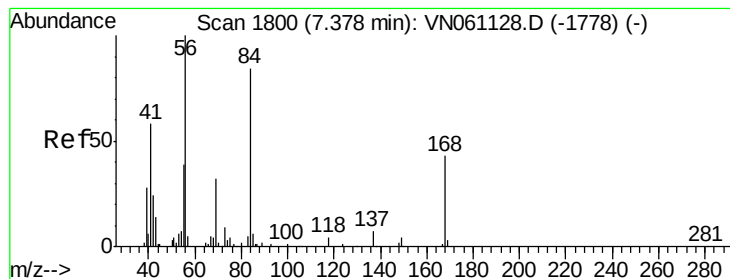
Ion Ratio Lower Upper

42 100

72 0.0 35.1 52.7#

71 0.0 33.0 49.6#





#31

Cyclohexane

Concen: 1.049 ug/l

RT: 7.39 min Scan# 1805

Delta R.T. 0.02 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

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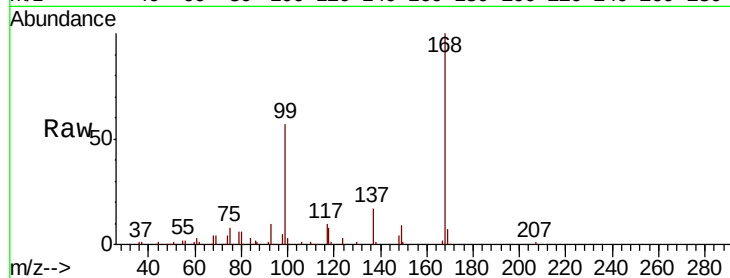
Tot Ion: 56 Resp: 3971

Ion Ratio Lower Upper

56 100

69 163.2 25.9 38.9#

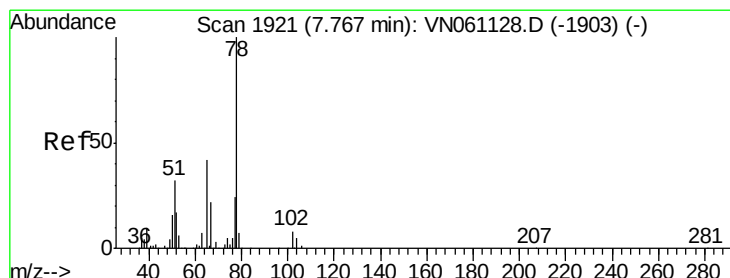
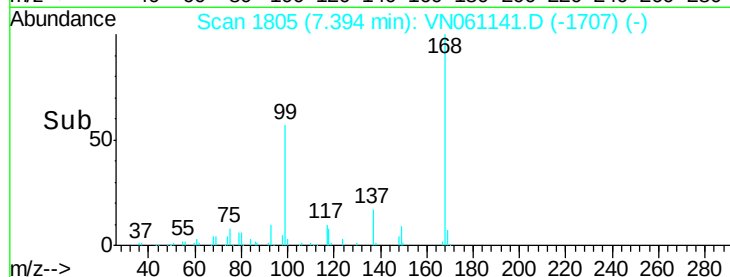
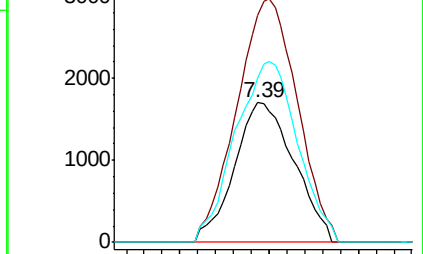
84 117.7 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VN061128.D (-1778) (-)

Ion 69.00 (68.70 to 69.70): VN061128.D (-1778) (-)

Ion 84.00 (83.70 to 84.70): VN061128.D (-1778) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.323 ug/l

RT: 7.77 min Scan# 1921

Delta R.T. -0.00 min

Lab File: VN061141.D

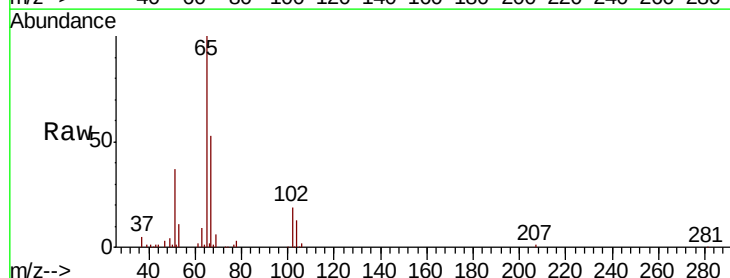
Acq: 22 Apr 2020 20:40

Tgt Ion: 65 Resp: 116740

Ion Ratio Lower Upper

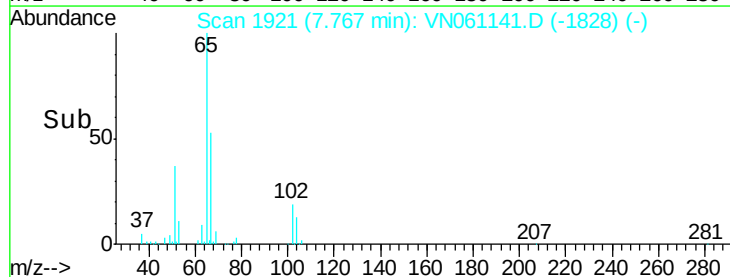
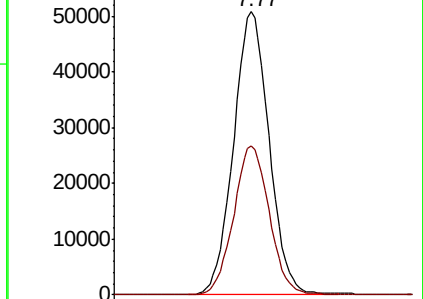
65 100

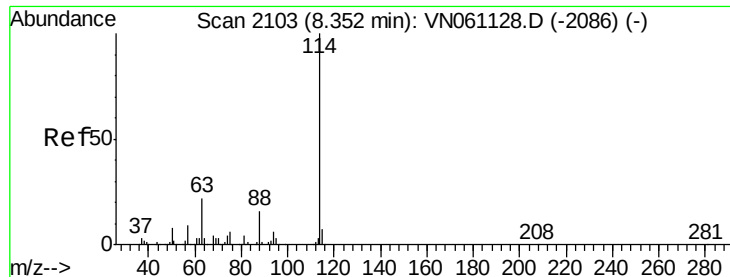
67 52.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VN061128.D (-1903) (-)

Ion 66.90 (66.60 to 67.60): VN061128.D (-1903) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.35 min Scan# 2102

Delta R.T. -0.00 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

Instrument :

MSVOA_V

ClientSampleId :

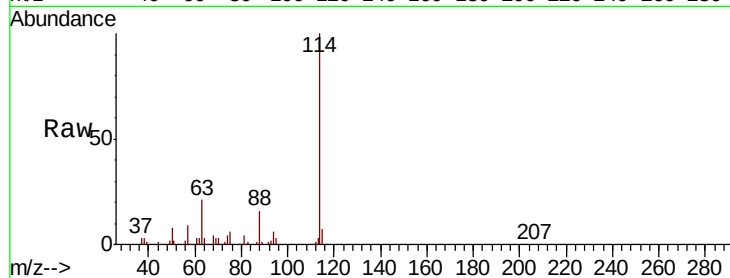
Tot Ion:114 Resp: 307925

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

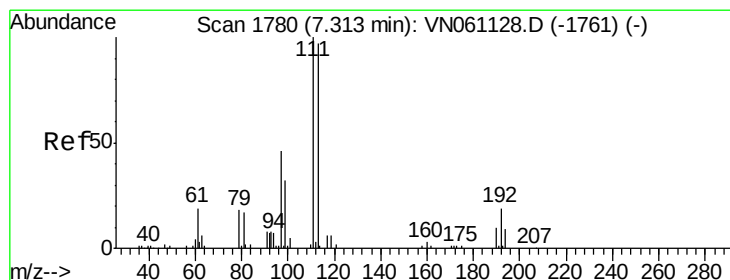
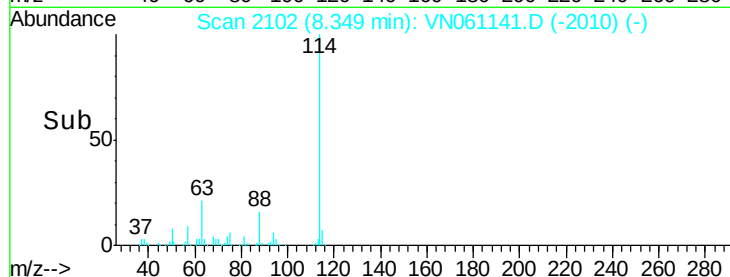
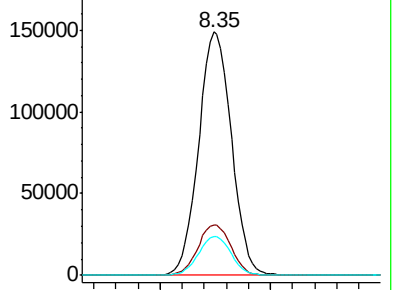
88 16.0 0.0 32.4



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: 49.594 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

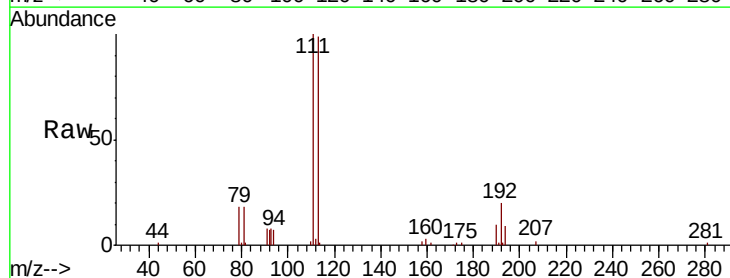
Tgt Ion:113 Resp: 87152

Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.6

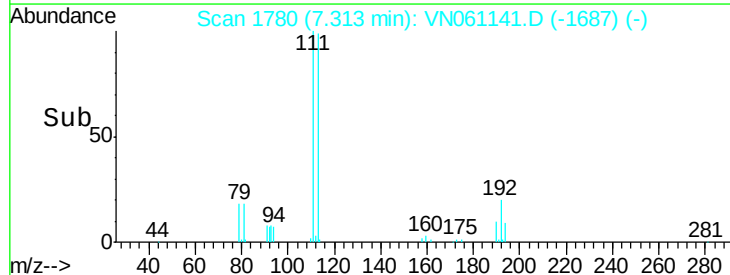
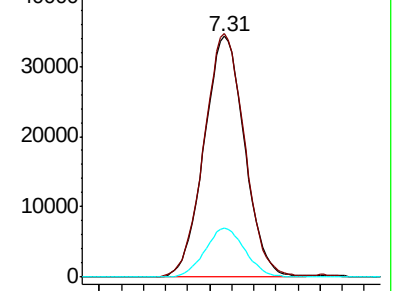
192 20.0 15.8 23.6

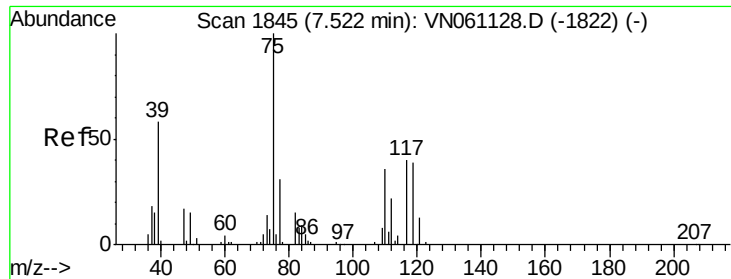


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

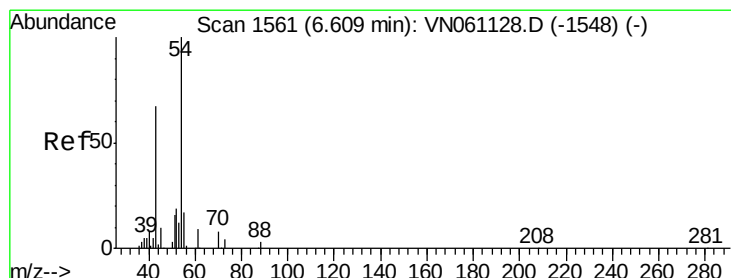
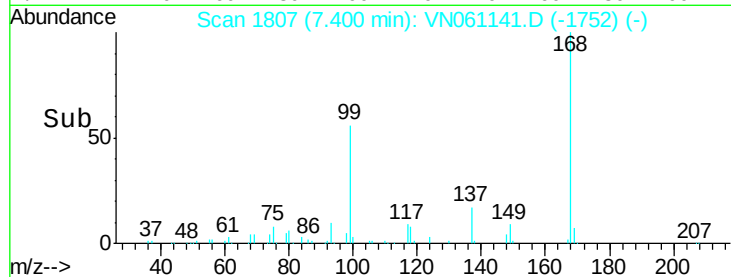
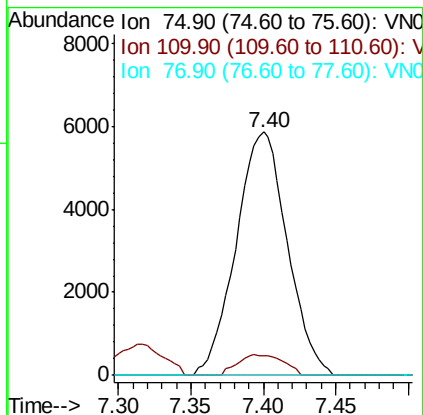
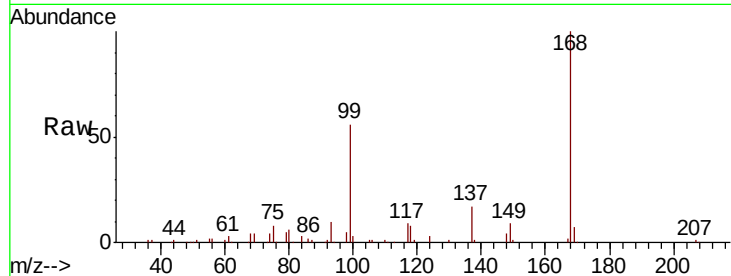




#36
 1,1-Dichloropropene
 Concen: 4.776 ug/l
 RT: 7.40 min Scan# 1807
 Delta R.T. -0.12 min
 Lab File: VN061141.D
 Acq: 22 Apr 2020 20:40

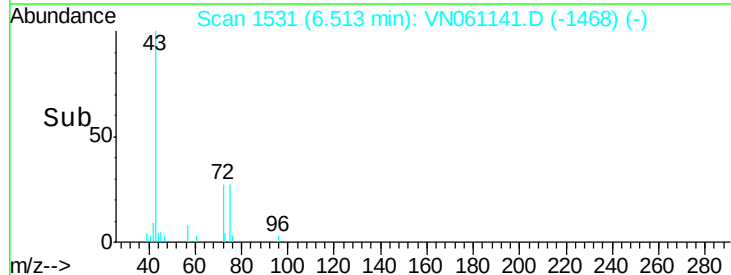
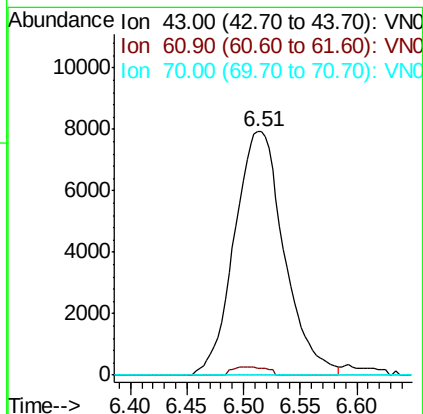
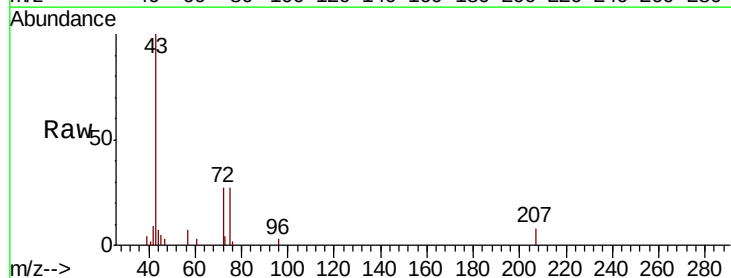
Instrument :
 MSVOA_V
 ClientSampleId :

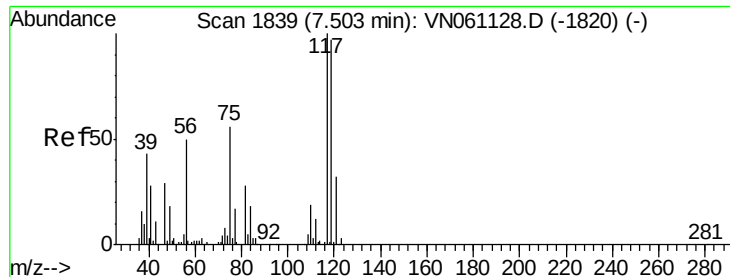
Tot Ion	75	Resp	14372
Ion Ratio	100	Lower	Upper
75	100		
110	7.6	17.7	53.1#
77	0.0	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 8.036 ug/l
 RT: 6.51 min Scan# 1531
 Delta R.T. -0.10 min
 Lab File: VN061141.D
 Acq: 22 Apr 2020 20:40

Tgt Ion	43	Resp	24238
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
43	100		
61	2.3	11.4	17.0#
70	0.0	8.2	12.4#

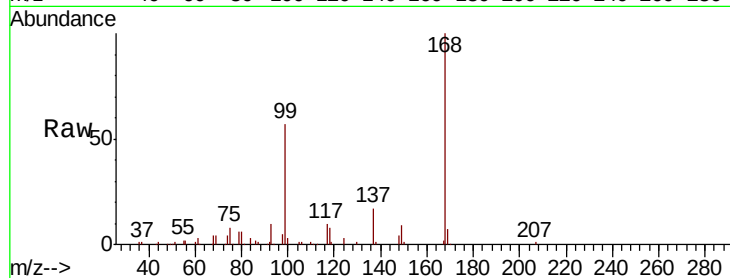




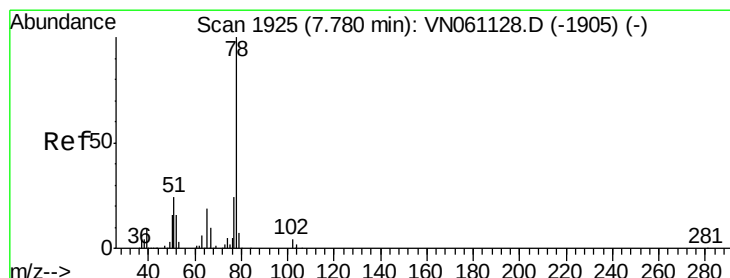
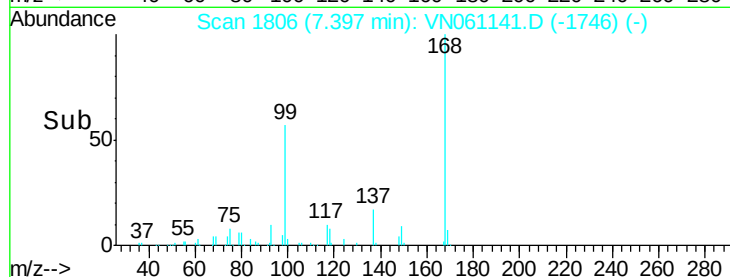
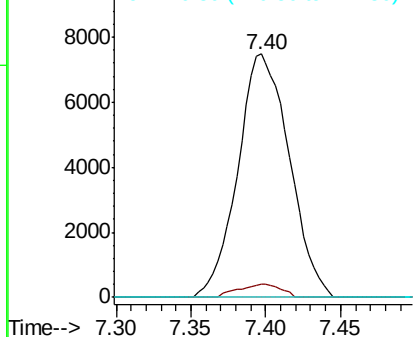
#38
Carbon Tetrachloride
Concen: 6.799 ug/l
RT: 7.40 min Scan# 1806
Delta R.T. -0.11 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 17913
Ion Ratio Lower Upper
117 100
119 5.4 76.9 115.3#
121 0.0 25.0 37.6#

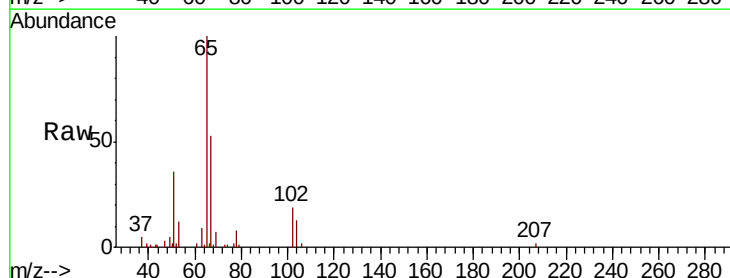


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

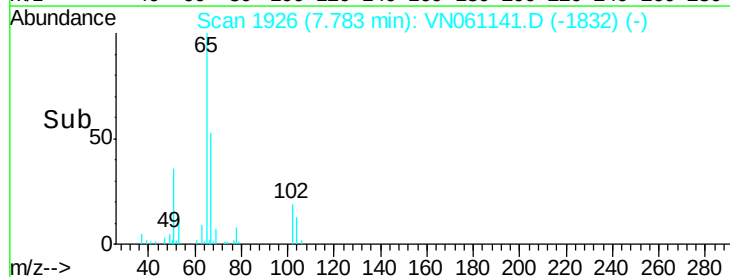
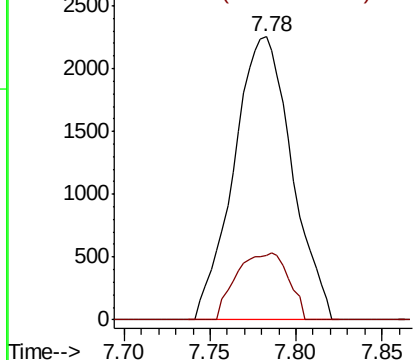


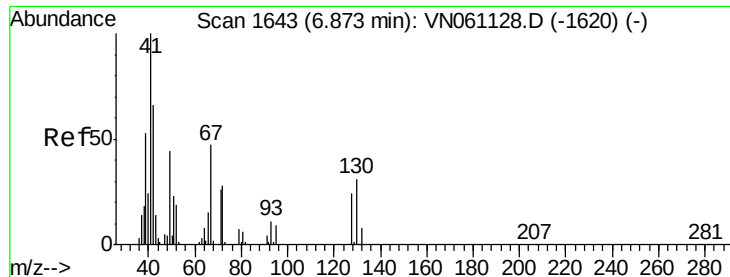
#40
Benzene
Concen: 0.593 ug/l
RT: 7.78 min Scan# 1926
Delta R.T. 0.00 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

Tgt Ion: 78 Resp: 5286
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

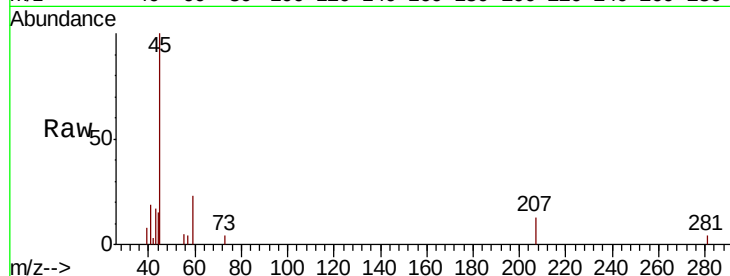




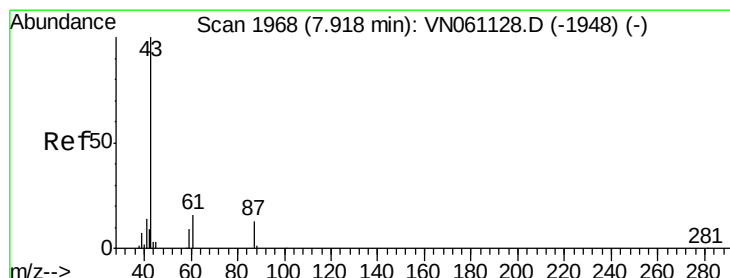
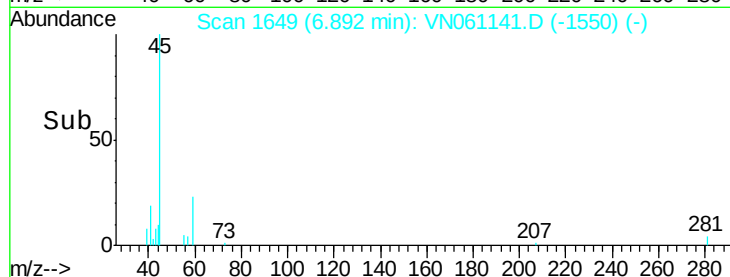
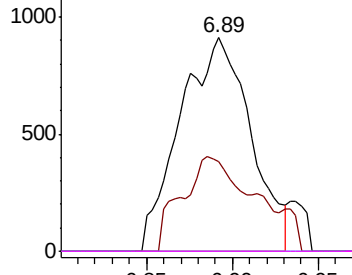
#41
Methacrylonitrile
Concen: 1.824 ug/l
RT: 6.89 min Scan# 1649
Delta R.T. 0.02 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:	41	Resp:	2612
Ion	Ratio	Lower	Upper
41	100		
39	43.5	119.4	179.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

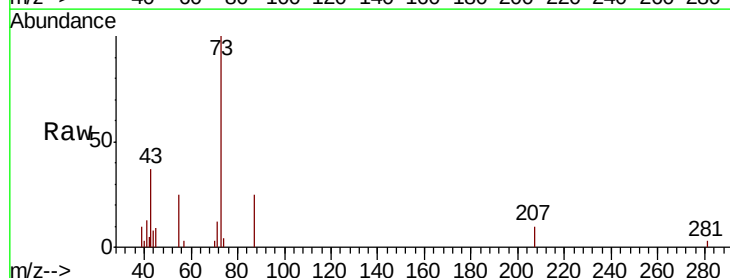


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

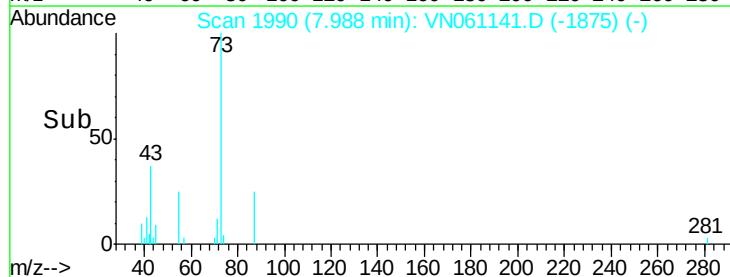
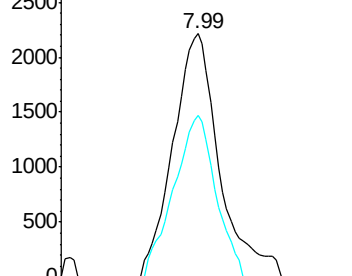


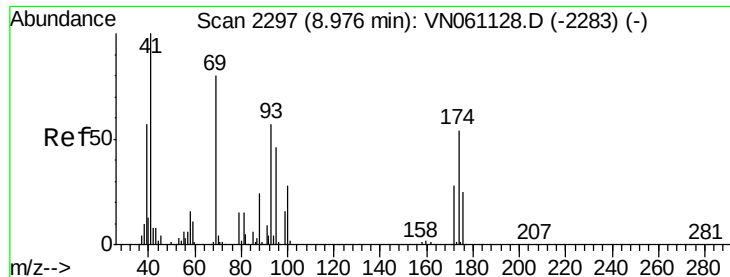
#43
Isopropyl Acetate
Concen: 1.078 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.07 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

Tgt Ion:	43	Resp:	5522
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.5	23.3#
87	60.1	10.2	15.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

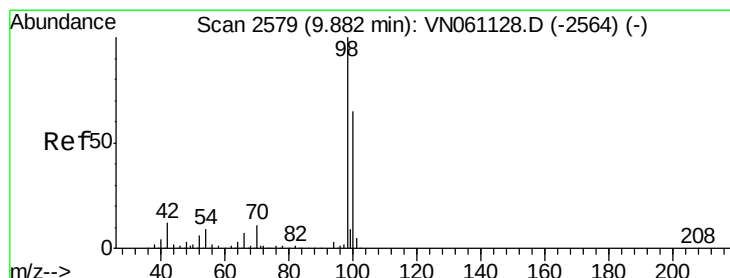
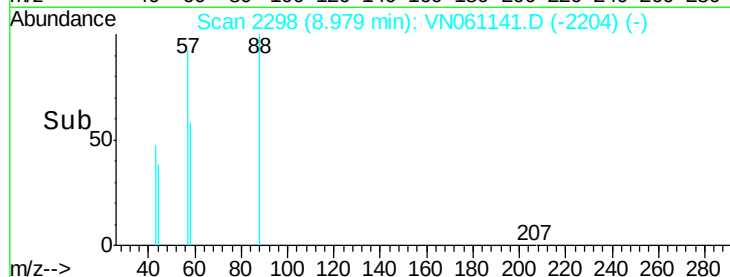
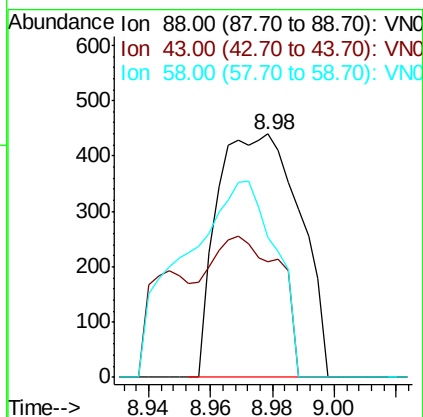
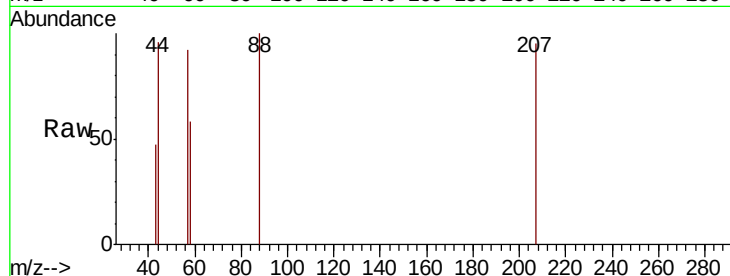




#49
1,4-Dioxane
Concen: Below Cal
RT: 8.98 min Scan# 2298
Delta R.T. 0.00 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

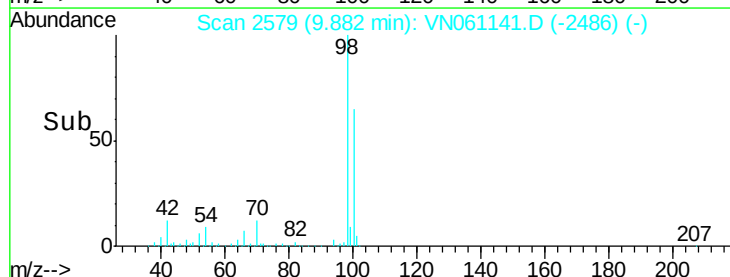
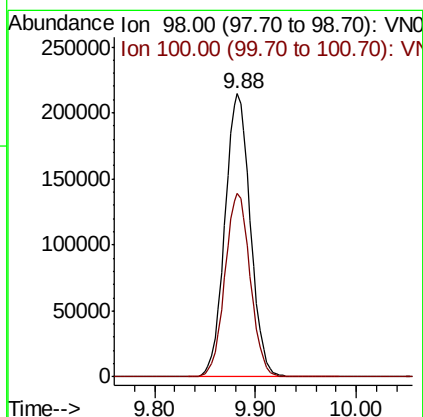
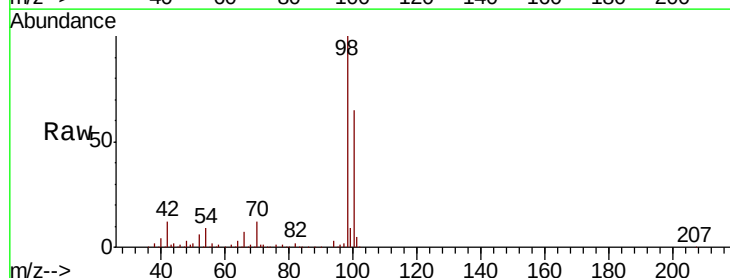
Instrument :
MSVOA_V
ClientSampleId :

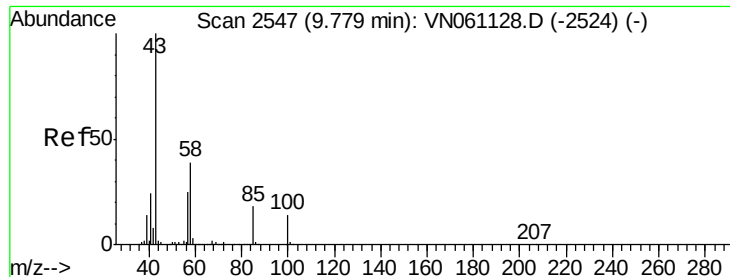
Tot Ion: 88 Resp: 811
Ion Ratio Lower Upper
88 100
43 47.7 29.0 43.4#
58 89.9 57.8 86.6#



#50
Toluene-d8
Concen: 50.119 ug/l
RT: 9.88 min Scan# 2579
Delta R.T. -0.00 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

Tgt Ion: 98 Resp: 377410
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

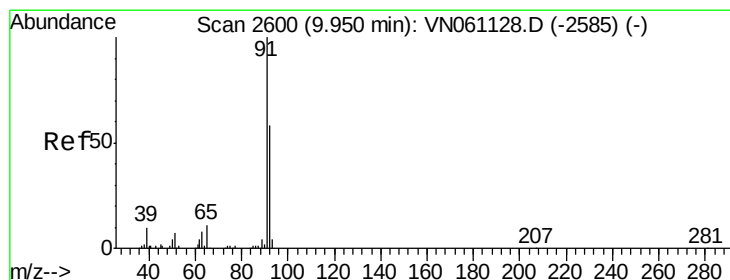
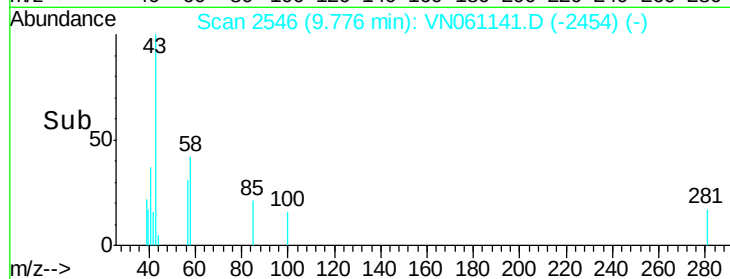
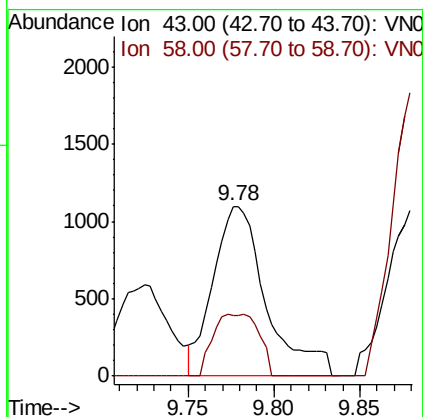
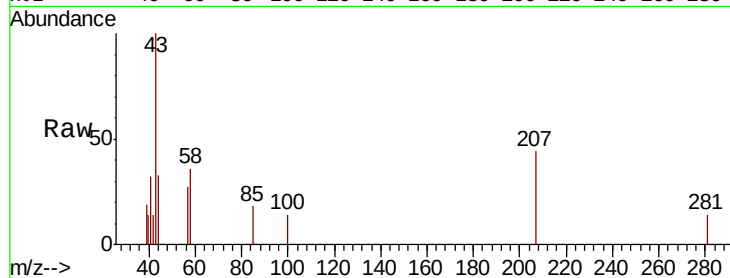




#51
4-Methyl-2-Pentanone
Concen: 0.794 ug/l
RT: 9.78 min Scan# 2546
Delta R.T. -0.00 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

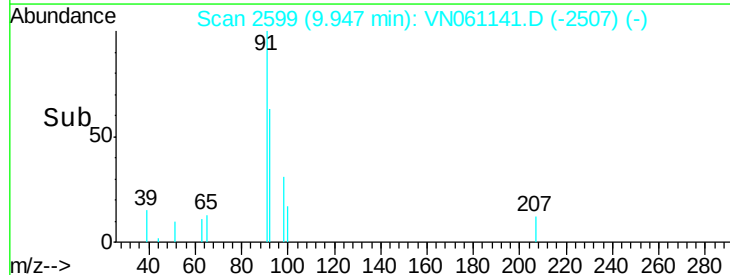
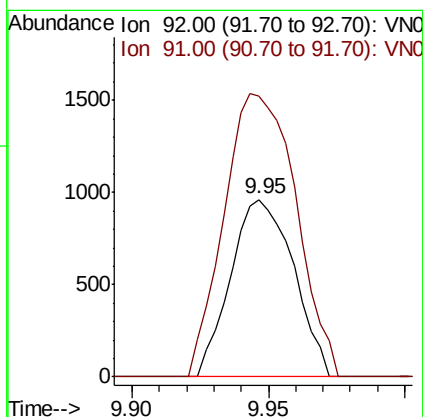
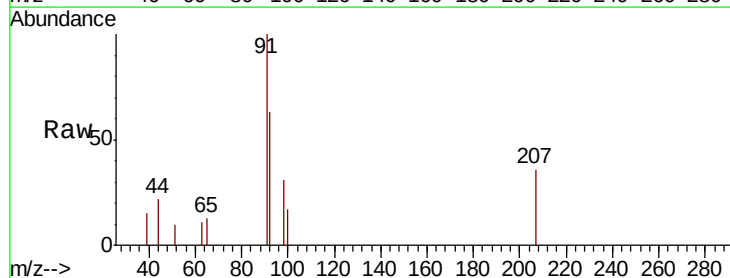
Instrument :
MSVOA_V
ClientSampleId :

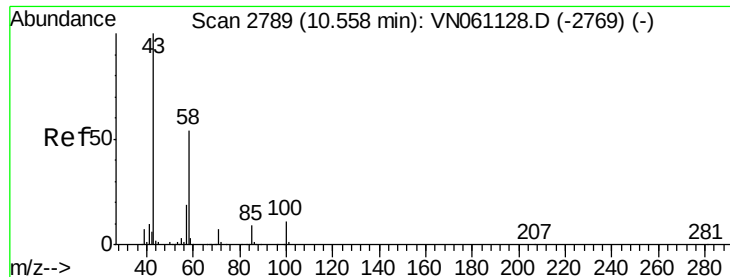
Tot Ion: 43 Resp: 2373
Ion Ratio Lower Upper
43 100
58 31.2 31.0 46.6



#52
Toluene
Concen: 0.276 ug/l
RT: 9.95 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

Tgt Ion: 92 Resp: 1542
Ion Ratio Lower Upper
92 100
91 182.5 138.3 207.5

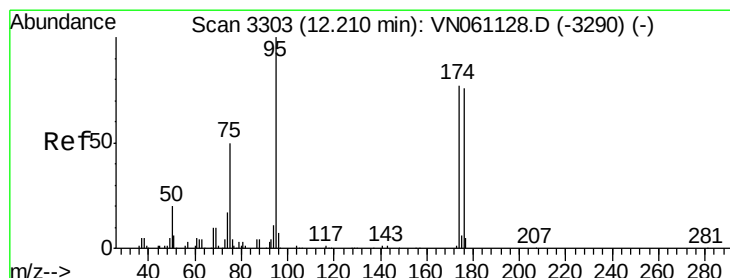
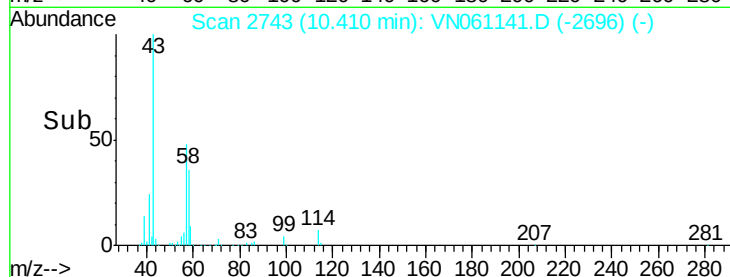
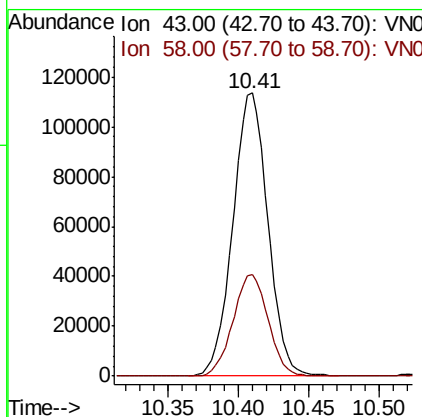
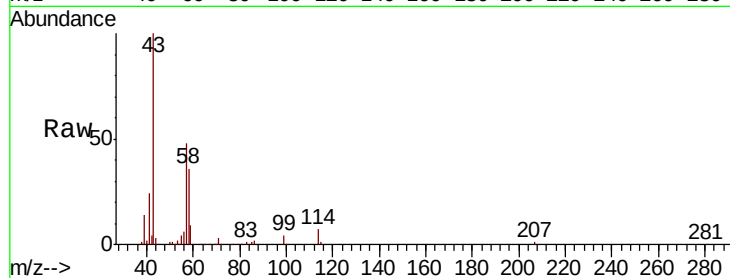




#59
2-Hexanone
Concen: 89.555 ug/l
RT: 10.41 min Scan# 2743
Delta R.T. -0.15 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

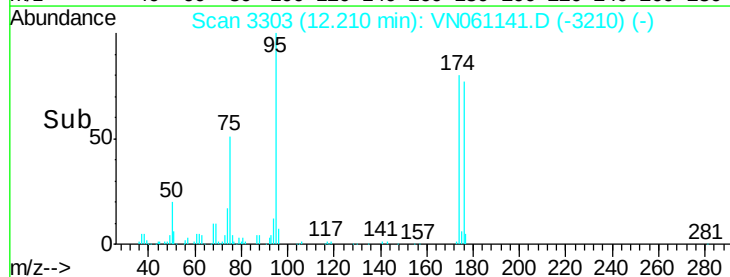
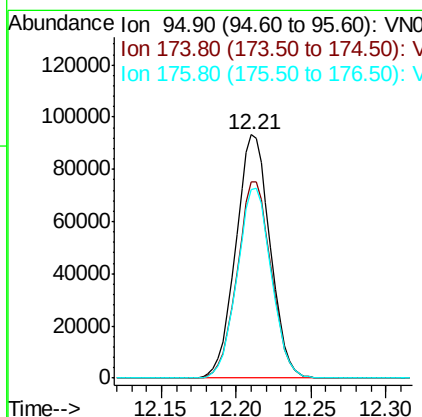
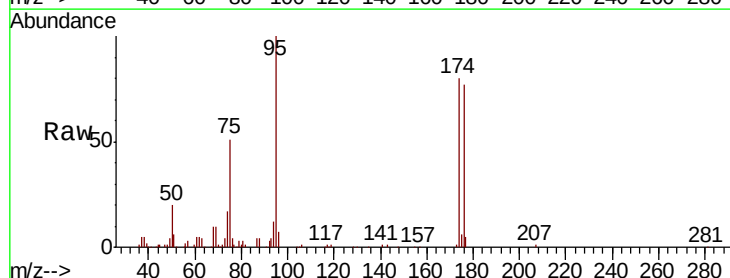
Instrument :
MSVOA_V
ClientSampleId :

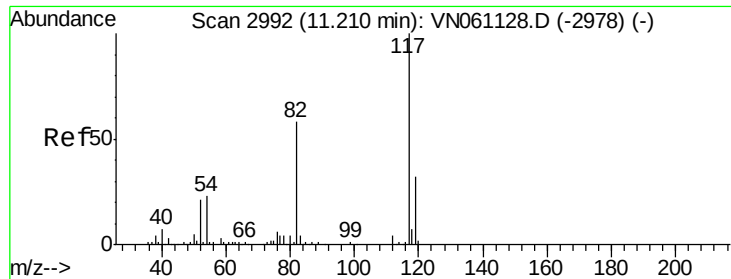
Tot Ion: 43 Resp: 197812
Ion Ratio Lower Upper
43 100
58 35.9 26.9 80.6



#62
4-Bromofluorobenzene
Concen: 52.810 ug/l
RT: 12.21 min Scan# 3303
Delta R.T. -0.00 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

Tgt Ion: 95 Resp: 148936
Ion Ratio Lower Upper
95 100
174 80.0 0.0 157.6
176 77.5 0.0 154.4

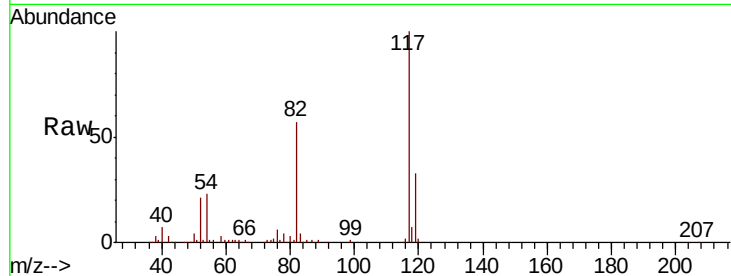




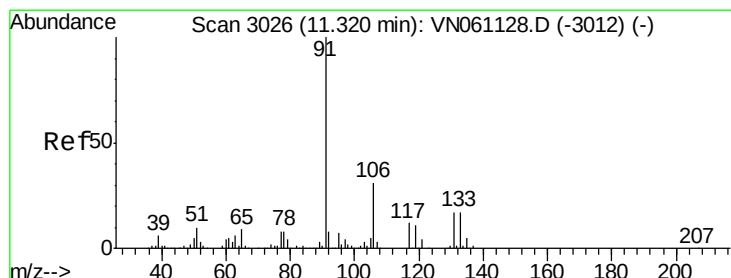
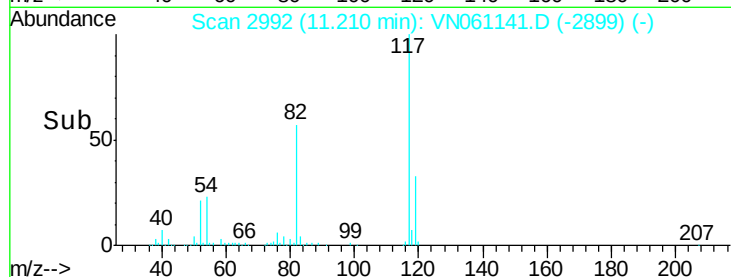
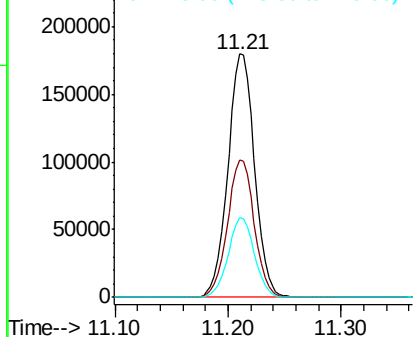
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.21 min Scan# 2992
Delta R.T. -0.00 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 294703
Ion Ratio Lower Upper
117 100
82 56.7 46.0 69.0
119 32.5 25.9 38.9

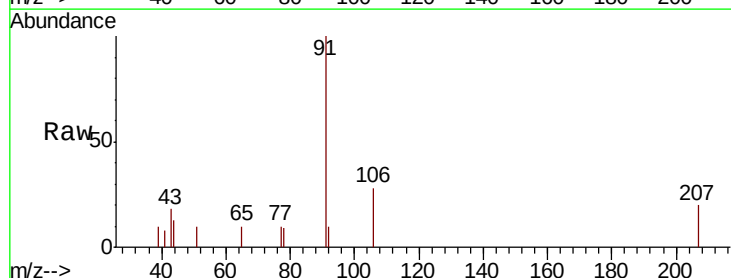


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

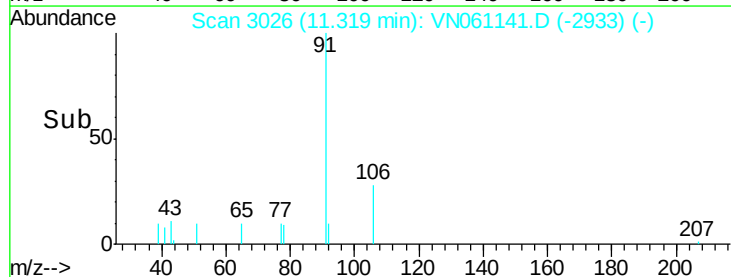
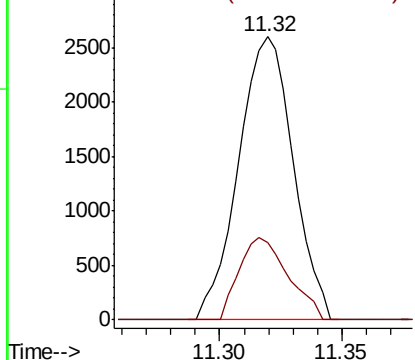


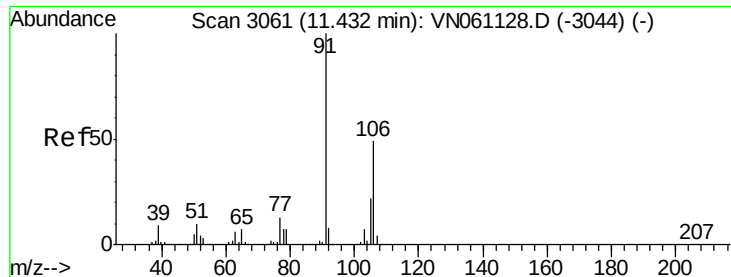
#67
Ethyl Benzene
Concen: 0.362 ug/l
RT: 11.32 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

Tgt Ion: 91 Resp: 4041
Ion Ratio Lower Upper
91 100
106 27.5 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V

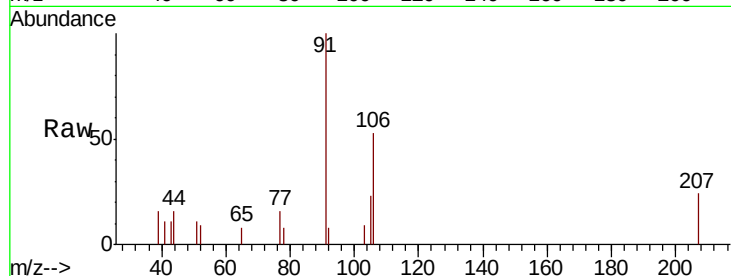




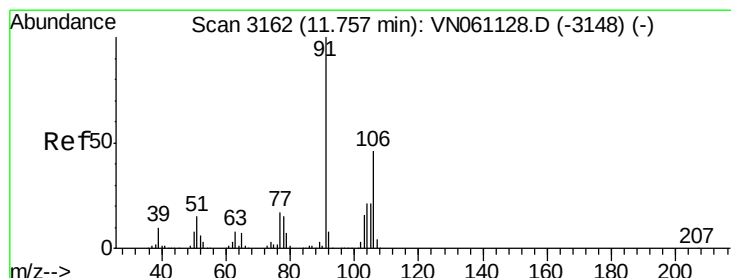
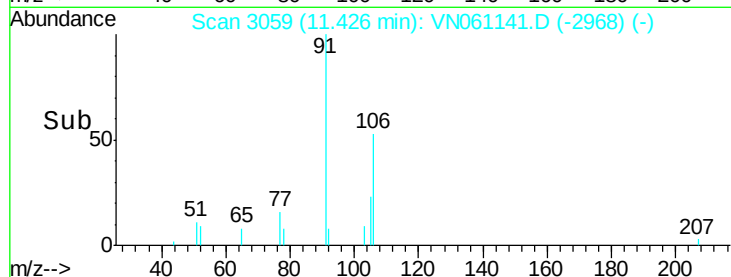
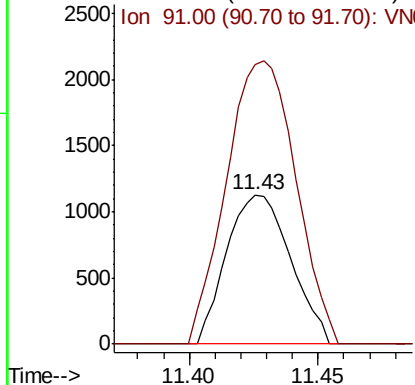
#68
m/p-Xylenes
Concen: 0.470 ug/l
RT: 11.43 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 1956
Ion Ratio Lower Upper
106 100
91 205.6 163.9 245.9

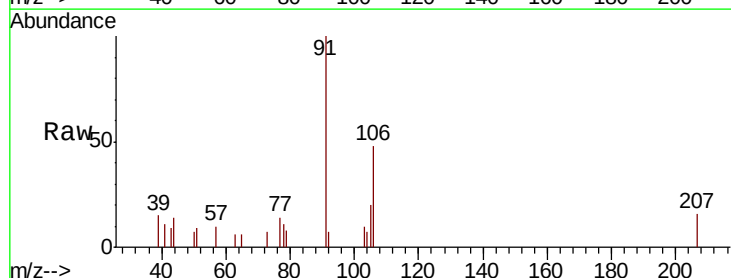


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

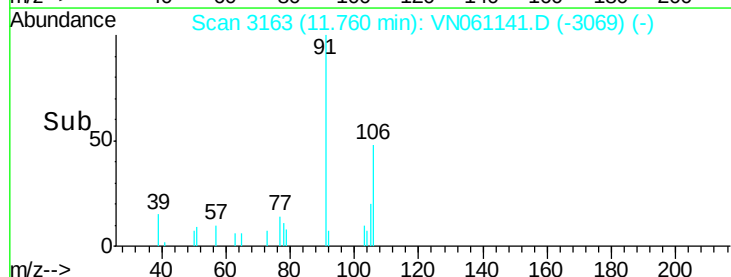
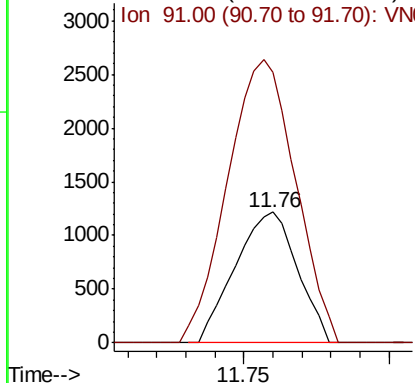


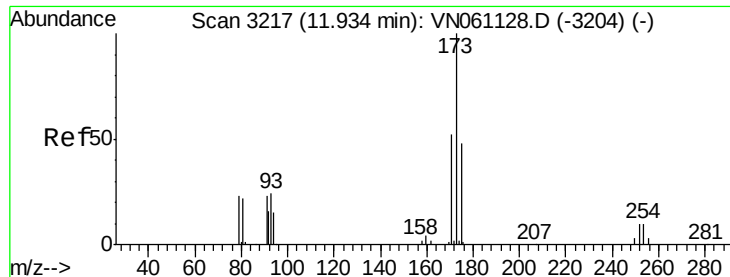
#69
o-Xylene
Concen: 0.450 ug/l
RT: 11.76 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

Tgt Ion:106 Resp: 1812
Ion Ratio Lower Upper
106 100
91 236.2 107.6 322.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.378 ug/l

RT: 12.21 min Scan# 3303

Delta R.T. 0.28 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

Instrument :

MSVOA_V

ClientSampleId :

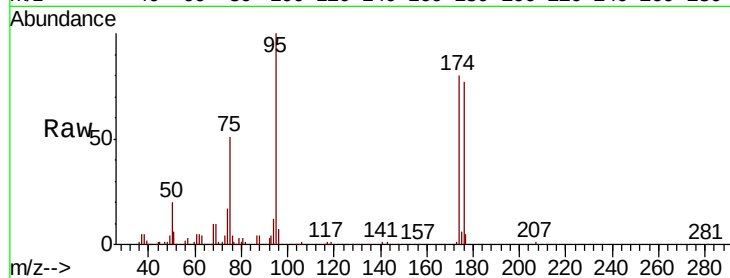
Tot Ion:173 Resp: 605

Ion Ratio Lower Upper

173 100

175 1178.3 23.9 71.8#

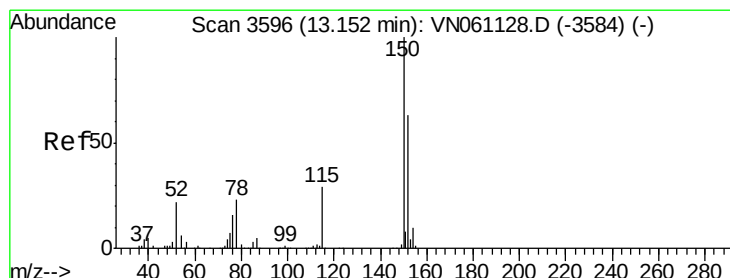
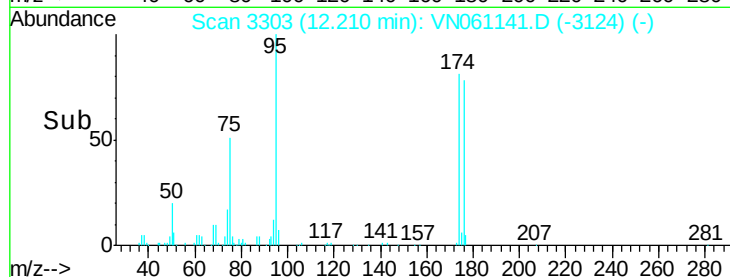
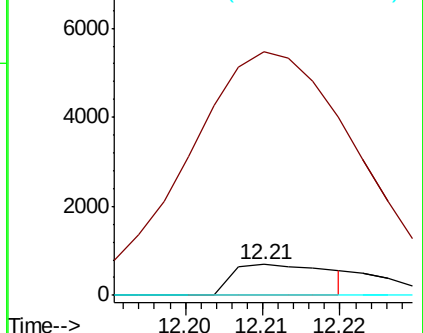
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.15 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

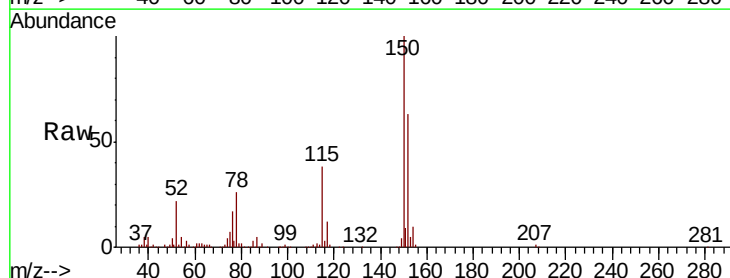
Tgt Ion:152 Resp: 147110

Ion Ratio Lower Upper

152 100

115 59.6 29.8 89.5

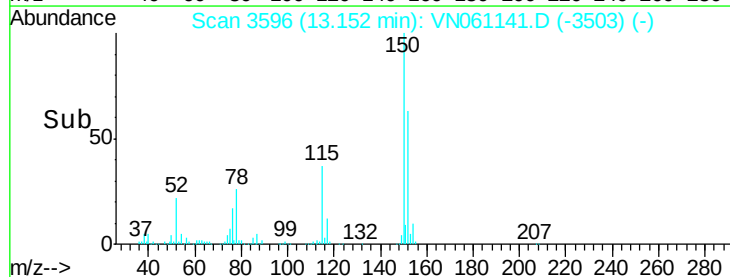
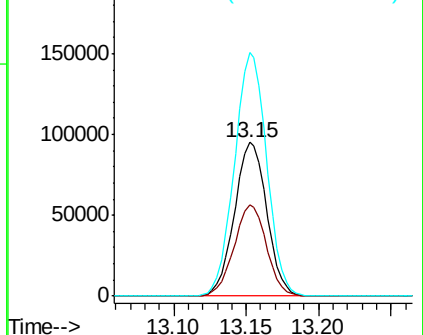
150 158.2 0.0 348.6

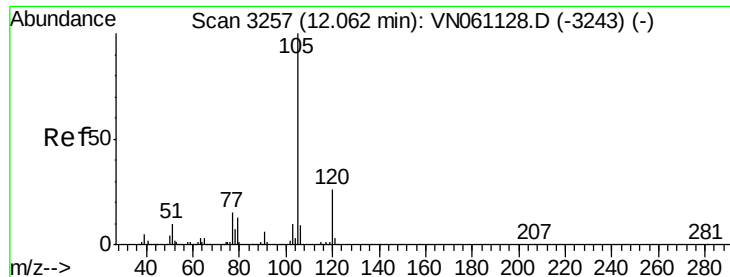


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.051 ug/l

RT: 12.06 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

Instrument :

MSVOA_V

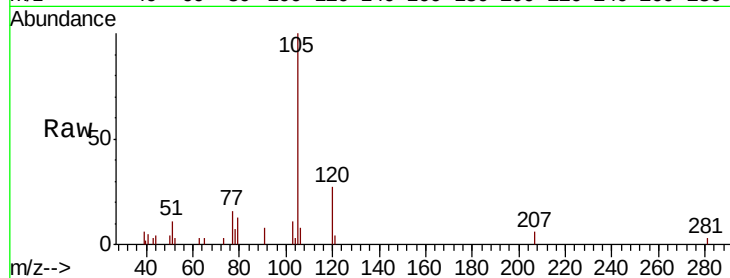
ClientSampleId :

Tot Ion:105 Resp: 11677

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

8000

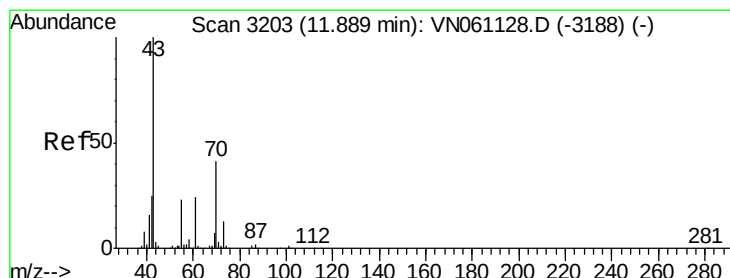
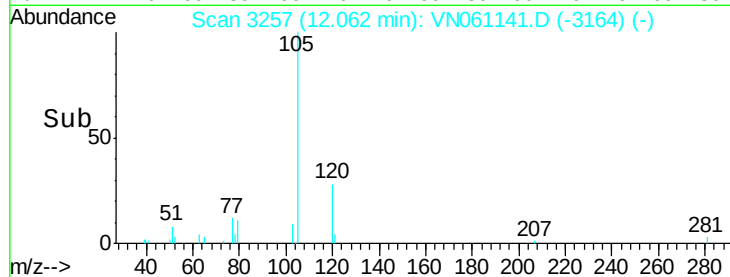
6000

4000

2000

0

Time--> 12.00 12.05 12.10



#74

N-ethyl acetate

Concen: 0.265 ug/l

RT: 11.84 min Scan# 3188

Delta R.T. -0.05 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

Tgt Ion: 43 Resp: 1322

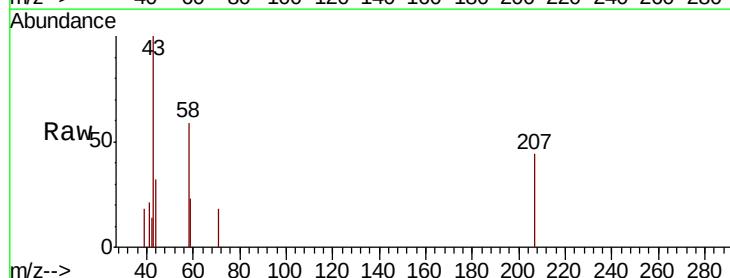
Ion Ratio Lower Upper

43 100

70 0.0 32.5 48.7#

55 0.0 19.0 28.6#

61 0.0 19.3 28.9#



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

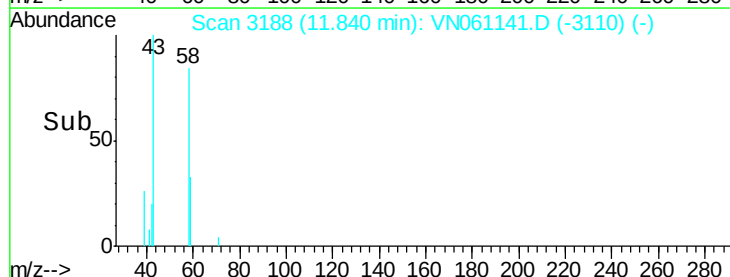
1500

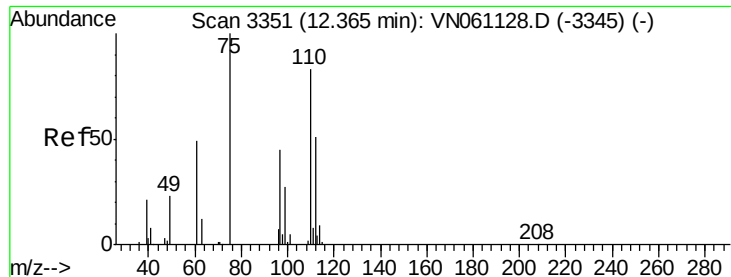
1000

500

0

Time--> 11.80 11.85





#76

1,2,3-Trichloropropane

Concen: 22.396 ug/l

RT: 12.21 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

Instrument :

MSVOA_V

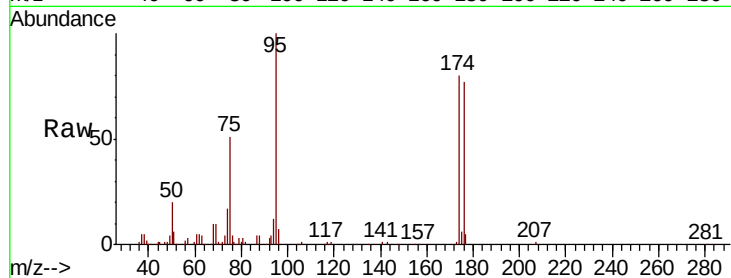
ClientSampled :

Tot Ion: 75 Resp: 75997

Ion Ratio Lower Upper

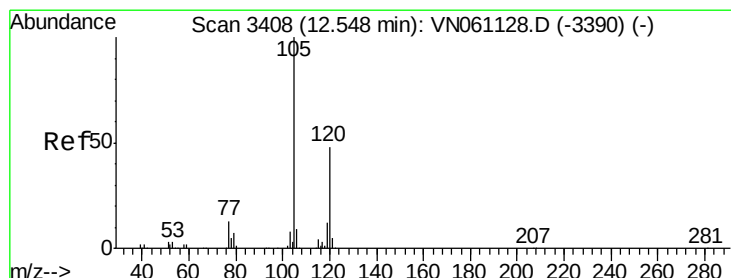
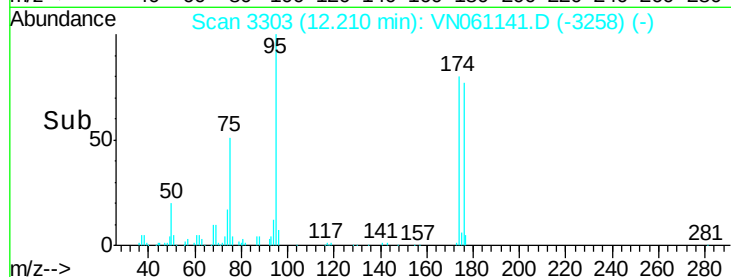
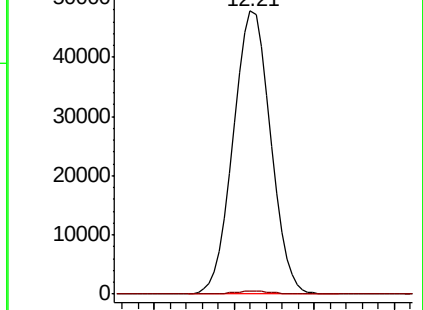
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061141.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN061141.D (-3258) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.281 ug/l

RT: 12.55 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN061141.D

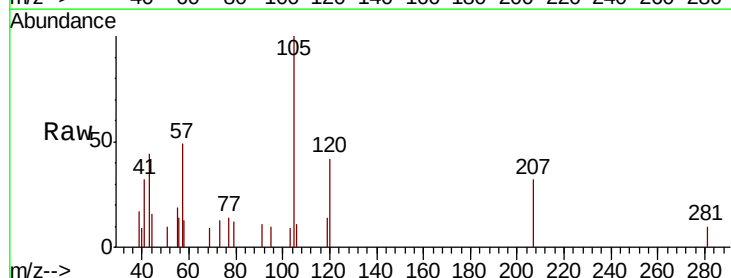
Acq: 22 Apr 2020 20:40

Tgt Ion: 105 Resp: 2635

Ion Ratio Lower Upper

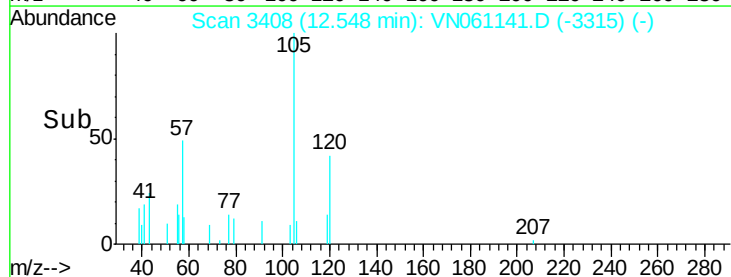
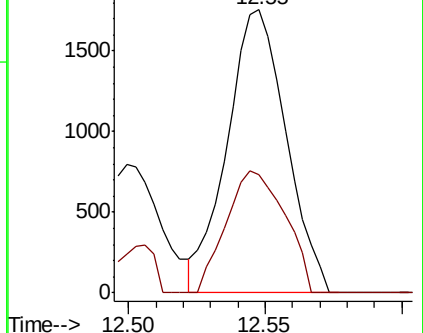
105 100

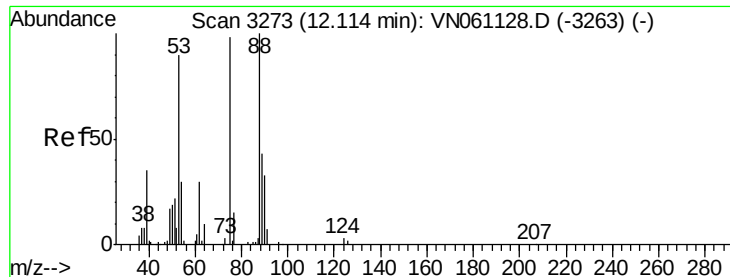
120 43.1 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VN061141.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN061141.D (-3315) (-)

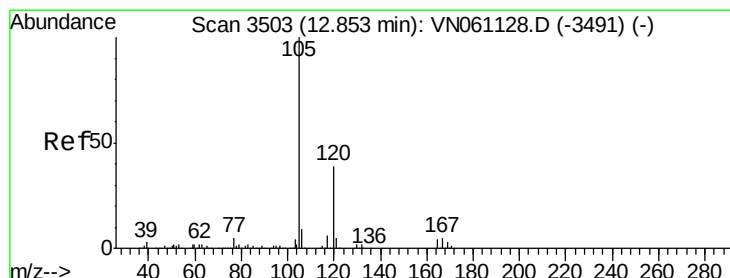
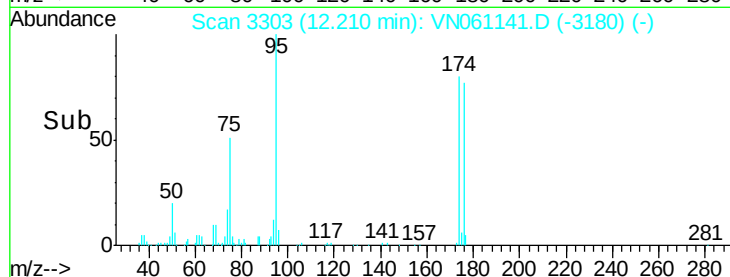
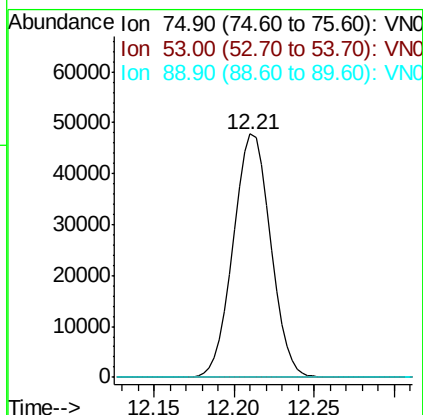
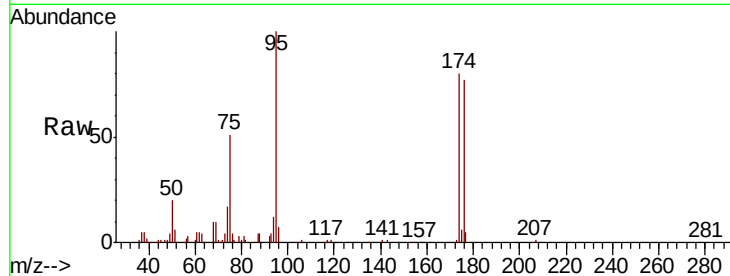




#81
trans-1,4-Dichloro-2-butene
Concen: 58.816 ug/l
RT: 12.21 min Scan# 3303
Delta R.T. 0.10 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

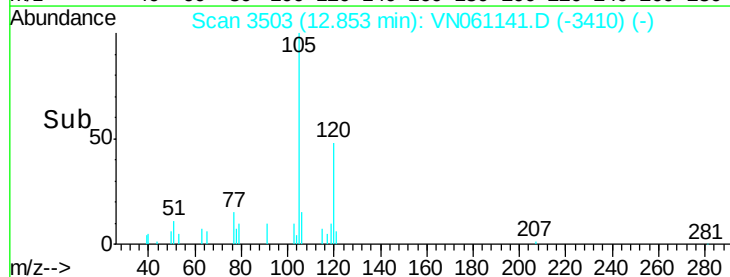
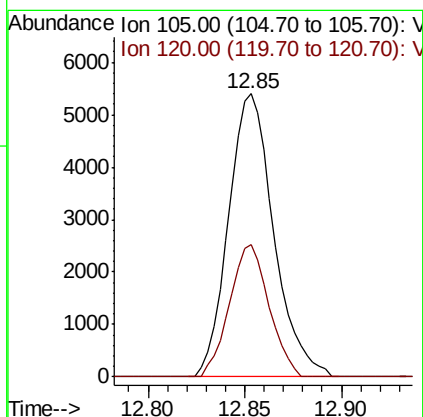
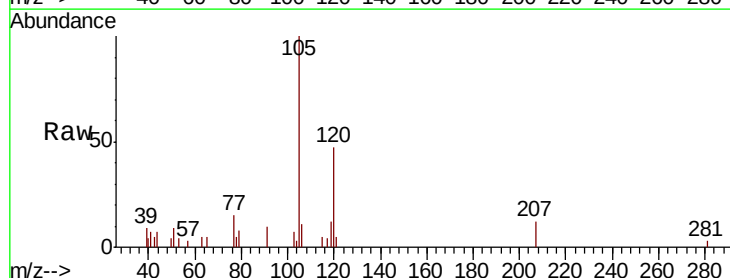
Instrument :
MSVOA_V
ClientSampleId :

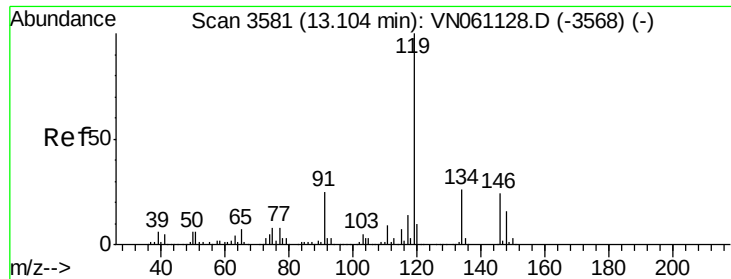
Tot Ion: 75 Resp: 75997
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 36.6 55.0#



#84
1,2,4-Trimethylbenzene
Concen: 0.939 ug/l
RT: 12.85 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN061141.D
Acq: 22 Apr 2020 20:40

Tgt Ion:105 Resp: 8754
Ion Ratio Lower Upper
105 100
120 40.6 22.4 67.0

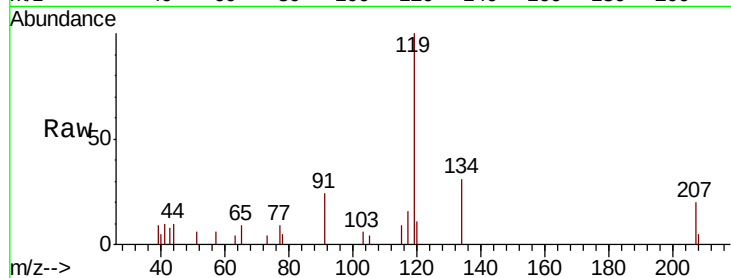




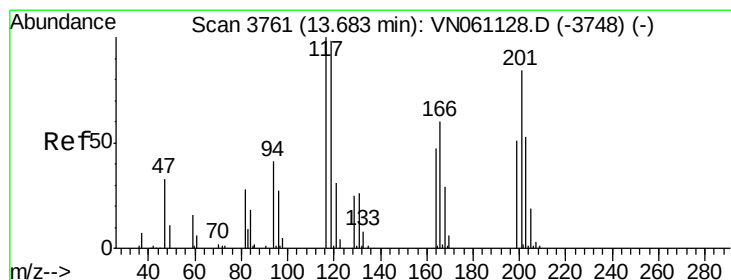
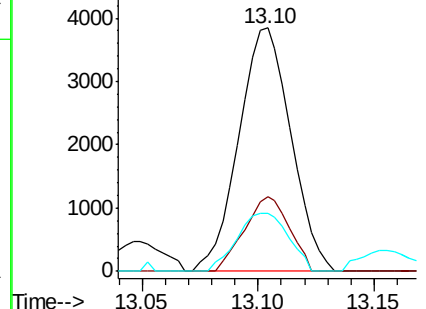
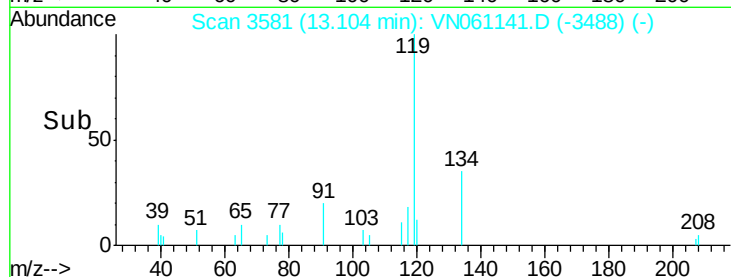
#86
 p-Isopropyltoluene
 Concen: 0.624 ug/l
 RT: 13.10 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN061141.D
 Acq: 22 Apr 2020 20:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:119 Resp: 6025
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.5 12.4 37.0

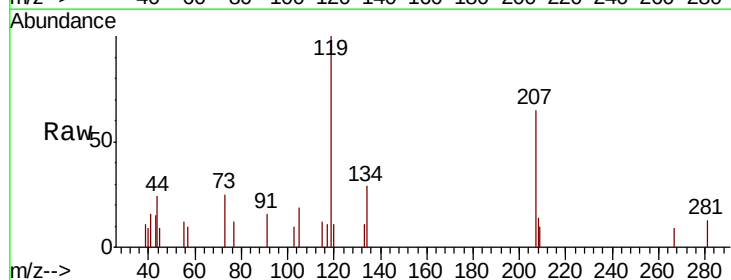


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

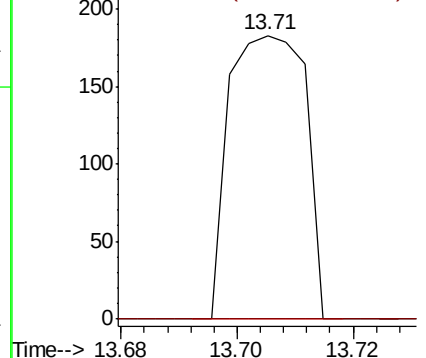
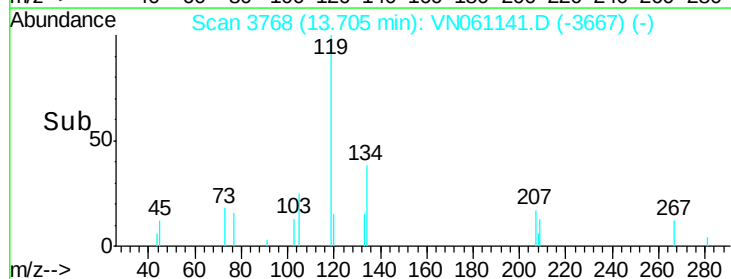


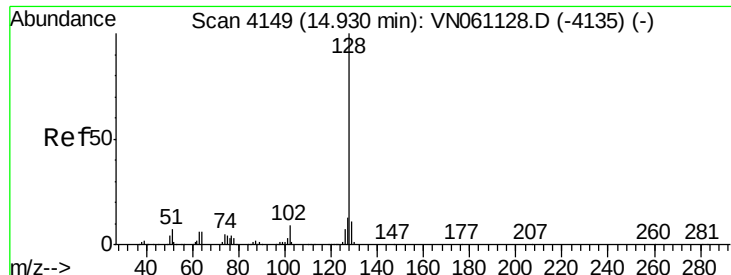
#90
 Hexachloroethane
 Concen: 4.447 ug/l
 RT: 13.71 min Scan# 3768
 Delta R.T. 0.02 min
 Lab File: VN061141.D
 Acq: 22 Apr 2020 20:40

Tgt Ion:117 Resp: 166
 Ion Ratio Lower Upper
 117 100
 201 0.0 41.4 124.4#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 19.075 ug/l

RT: 14.93 min Scan# 4149

Delta R.T. -0.00 min

Lab File: VN061141.D

Acq: 22 Apr 2020 20:40

Instrument :

MSVOA_V

ClientSampleId :

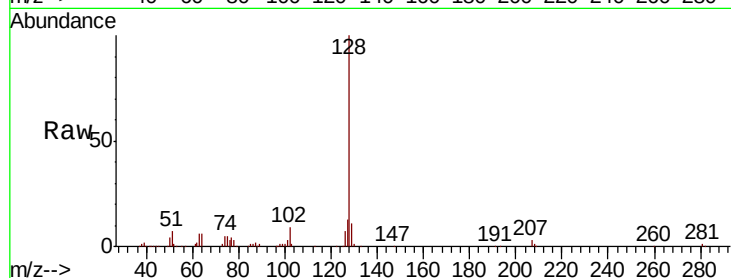
Tot Ion:128 Resp: 175878

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

150000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

