

Data File : VN061200.D
Acq On : 30 Apr 2020 14:28
Operator : JC/MD
Sample : VN0430WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBL01

Quant Time: May 01 02:16:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	96679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	168726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	156908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	61341	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	74837	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	7.54	113	50727	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.06	98	208922	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.37	95	72120	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	

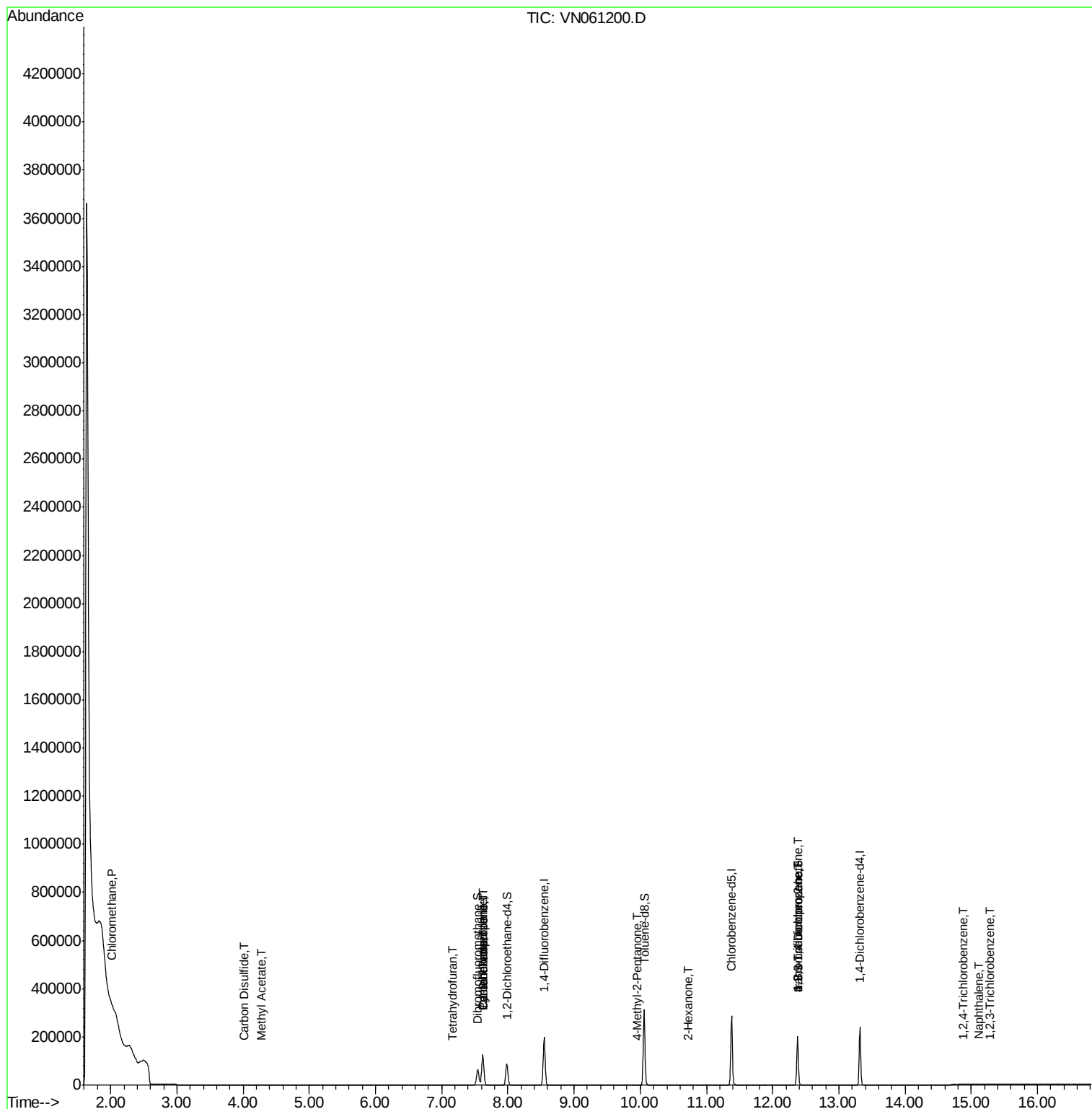
Target Compounds					Qvalue	
3) Chloromethane	2.03	50	593	0.478	ug/l	99
16) Acetone	3.78	43	1272	Below Cal	#	47
17) Carbon Disulfide	4.01	76	617	0.219	ug/l #	75
18) Methyl Acetate	4.27	43	505	0.937	ug/l #	55
29) Tetrahydrofuran	7.17	42	316	0.518	ug/l #	37
31) Cyclohexane	7.62	56	2515	1.130	ug/l #	6
36) 1,1-Dichloropropene	7.62	75	8756	5.184	ug/l #	49
38) Carbon Tetrachloride	7.62	117	9978	8.465	ug/l #	17
51) 4-Methyl-2-Pentanone	9.96	43	554	0.286	ug/l #	38
59) 2-Hexanone	10.72	43	424	0.301	ug/l #	27
76) 1,2,3-Trichloropropane	12.37	75	38237	29.567	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	38237	75.085	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.88	180	536	0.479	ug/l #	85
95) Naphthalene	15.11	128	2349	0.645	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.28	180	495	0.448	ug/l #	82

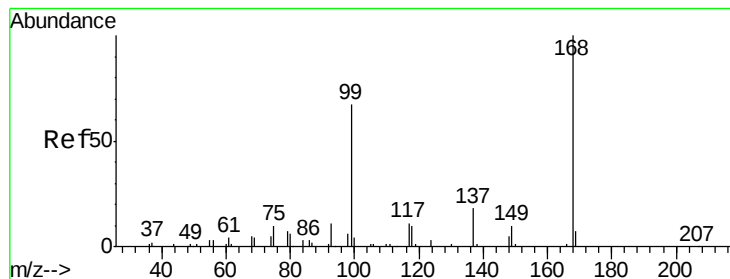
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061200.D

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Instrument :

MSVOA_N

ClientSampleId :

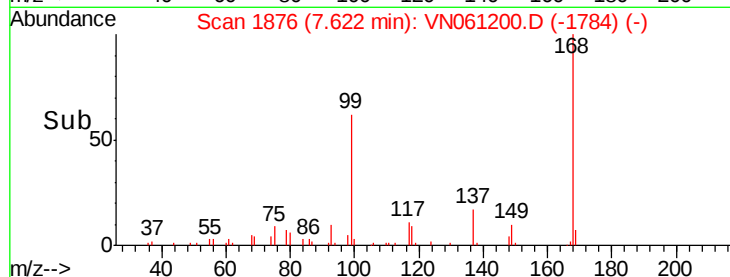
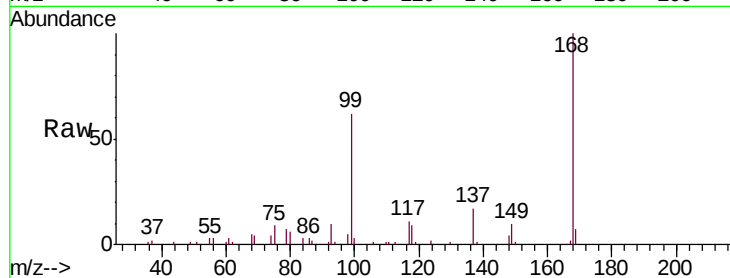
VN0430WBL01

Tgt Ion: 168 Resp: 96679

Ion Ratio Lower Upper

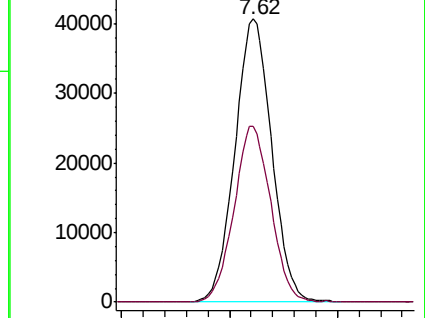
168 100

99 62.2 51.2 76.8

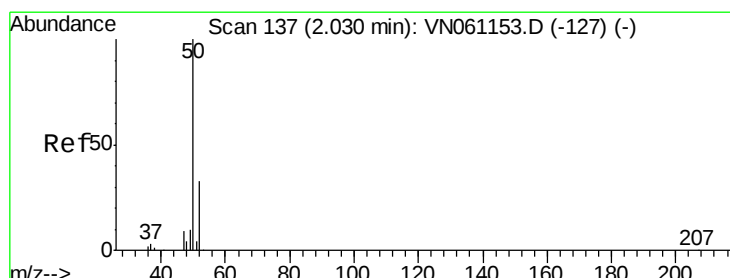


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



Time-->



#3

Chloromethane

Concen: 0.478 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061200.D

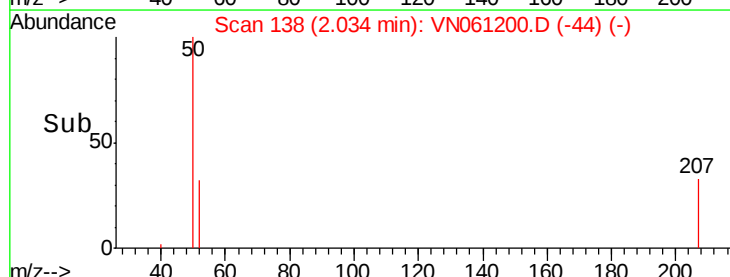
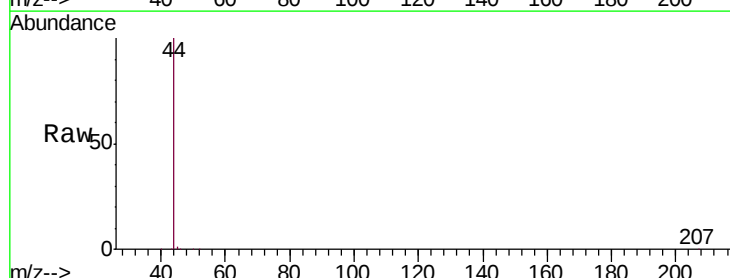
Acq: 30 Apr 2020 14:28

Tgt Ion: 50 Resp: 593

Ion Ratio Lower Upper

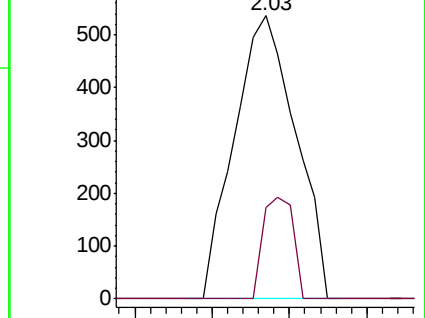
50 100

52 32.1 26.0 39.0

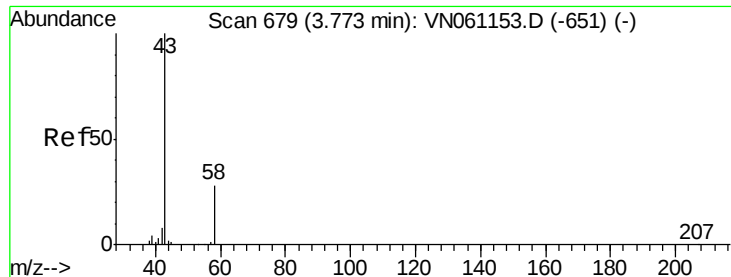


Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN



Time-->



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061200.D

Acq: 30 Apr 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

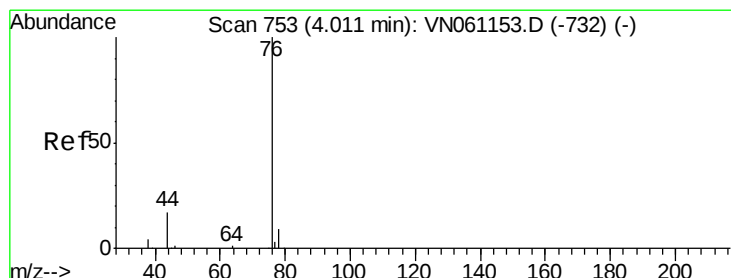
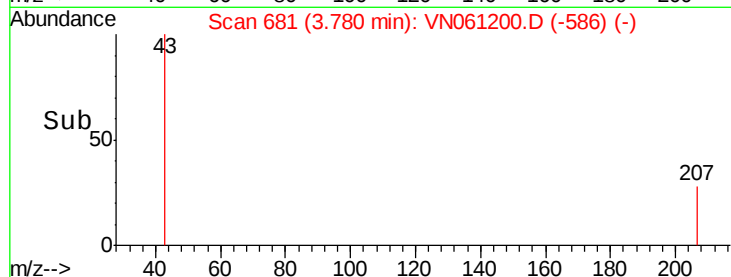
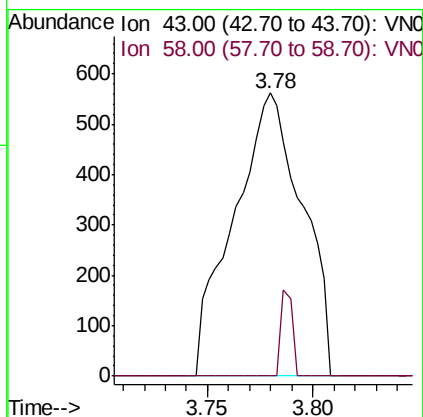
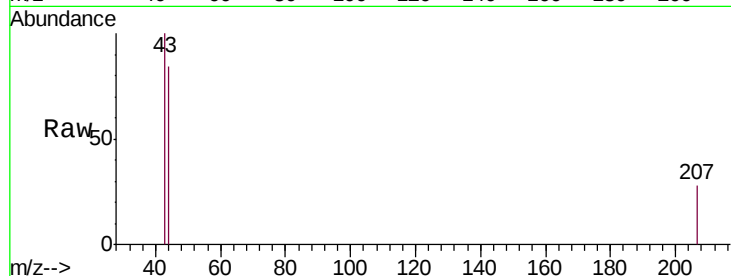
VN0430WBL01

Tgt Ion: 43 Resp: 1272

Ion Ratio Lower Upper

43 100

58 0.0 22.2 33.2#



#17

Carbon Disulfide

Concen: 0.219 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061200.D

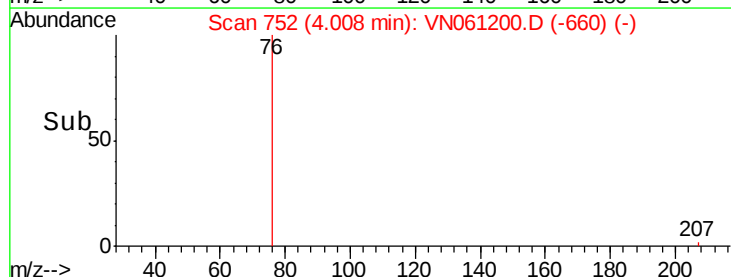
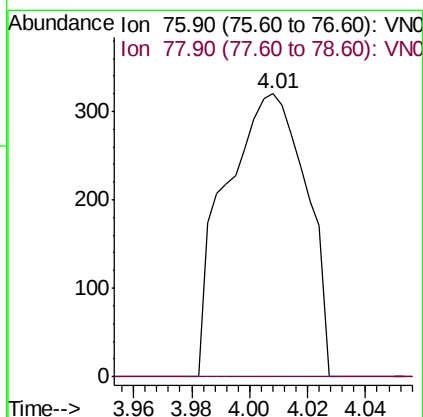
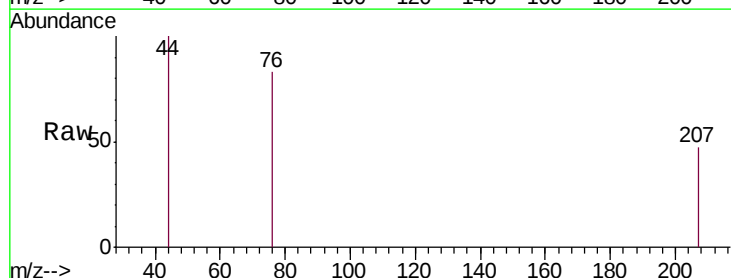
Acq: 30 Apr 2020 14:28

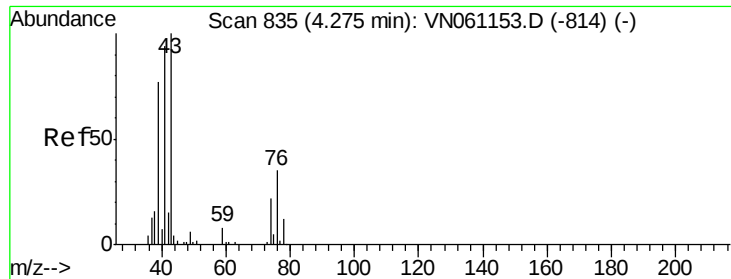
Tgt Ion: 76 Resp: 617

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

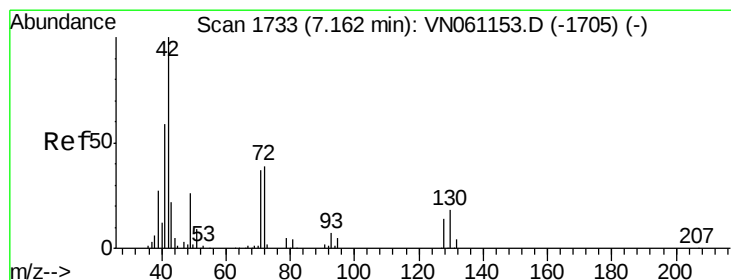
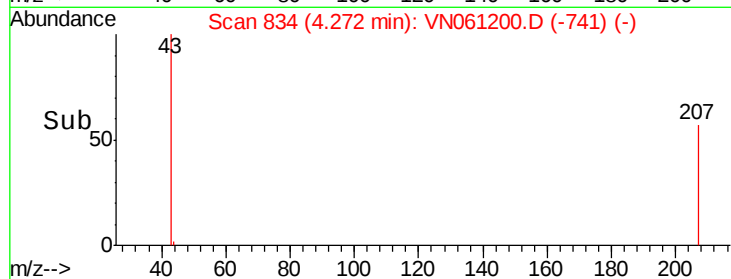
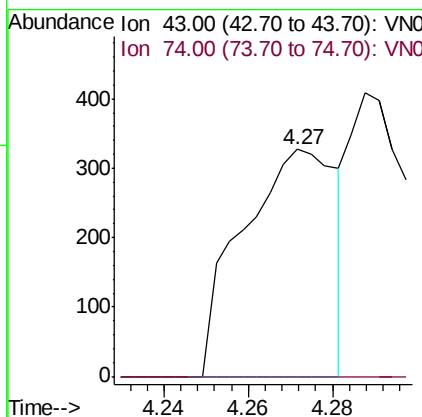
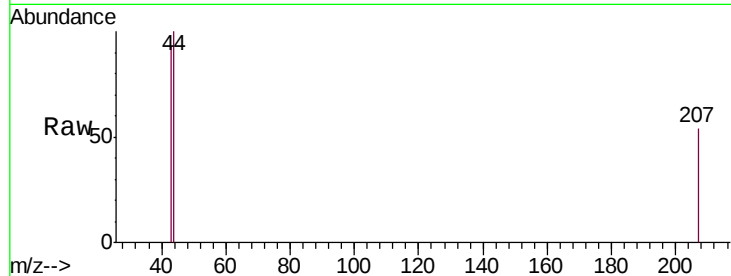




#18
Methyl Acetate
Concen: 0.937 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061200.D
Acq: 30 Apr 2020 14:28

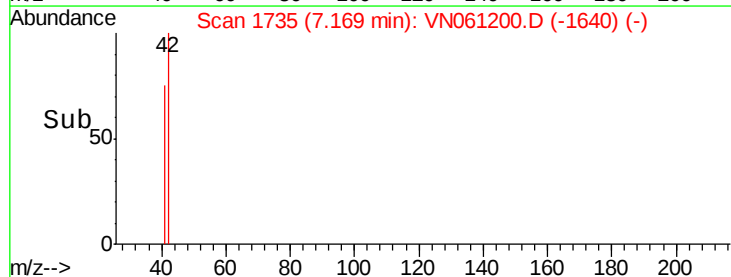
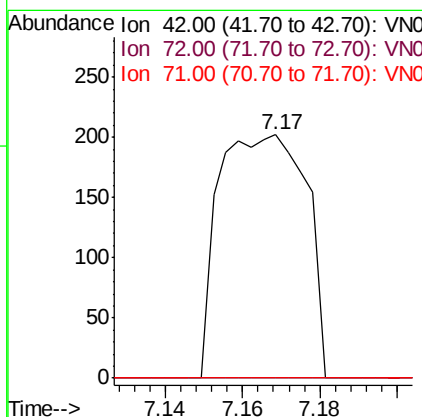
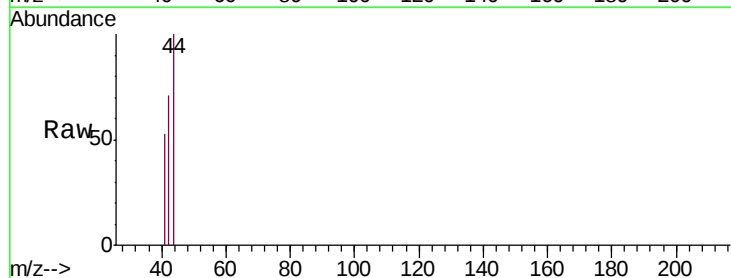
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBL01

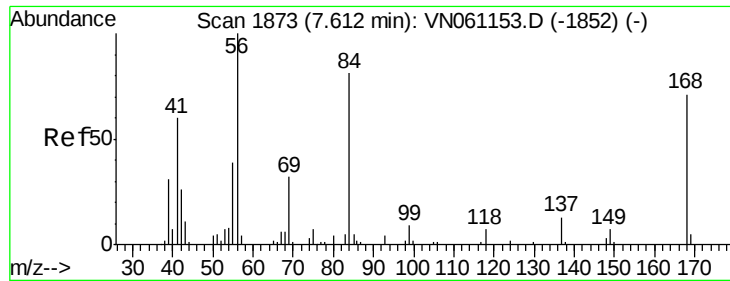
Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#29
Tetrahydrofuran
Concen: 0.518 ug/l
RT: 7.17 min Scan# 1735
Delta R.T. 0.01 min
Lab File: VN061200.D
Acq: 30 Apr 2020 14:28

Tgt Ion: 42 Resp: 316
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 0.0 29.5 44.3#

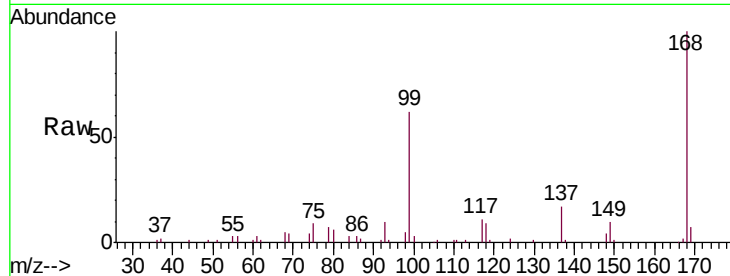




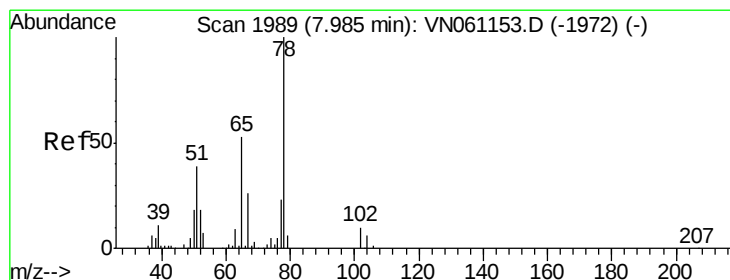
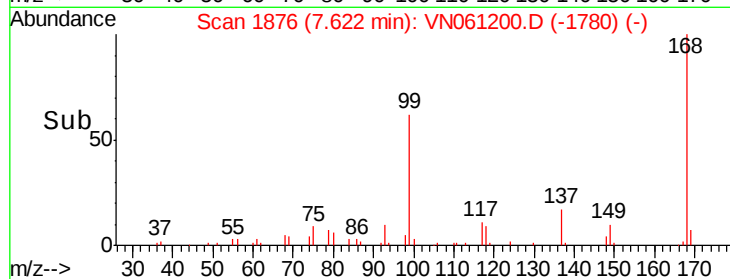
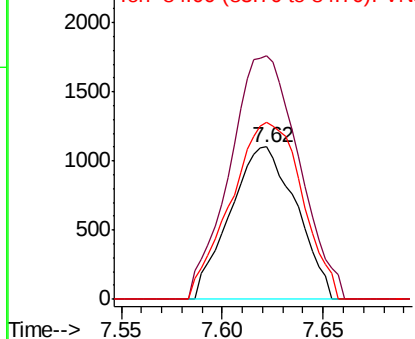
#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VN061200.D
Acq: 30 Apr 2020 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBL01

Tgt Ion: 56 Resp: 2515
Ion Ratio Lower Upper
56 100
69 160.0 25.7 38.5#
84 116.3 64.6 97.0#

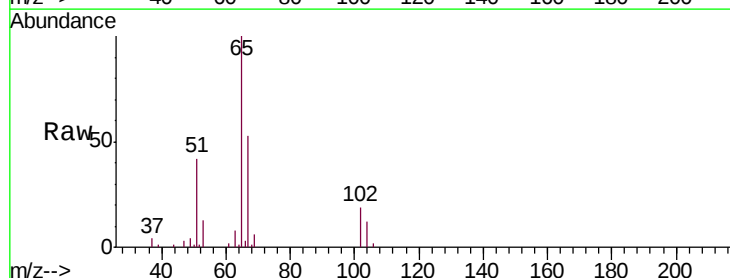


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

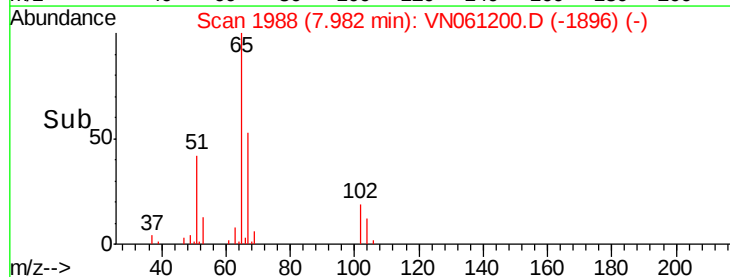
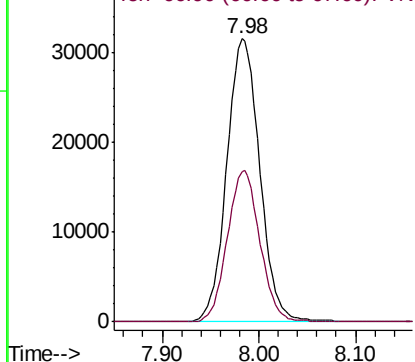


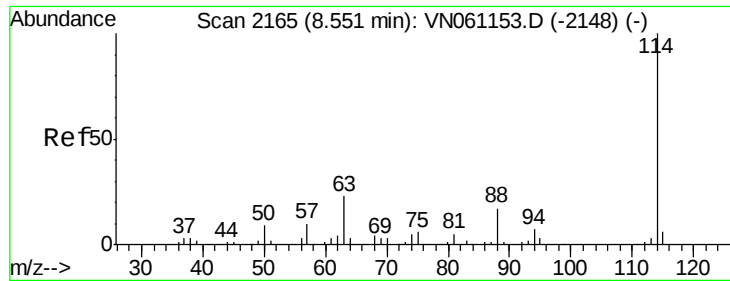
#33
1,2-Dichloroethane-d4
Concen: 48.921 ug/l
RT: 7.98 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN061200.D
Acq: 30 Apr 2020 14:28

Tgt Ion: 65 Resp: 74837
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.6



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

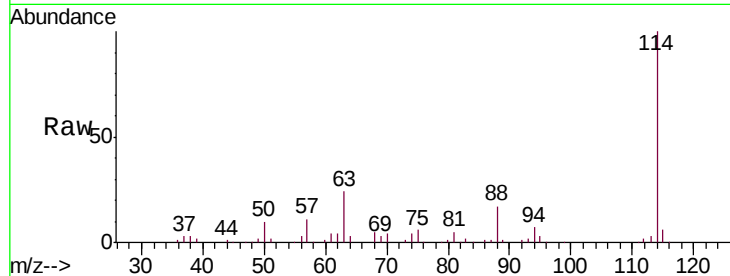




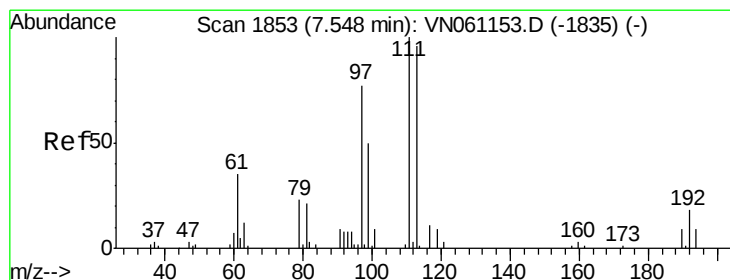
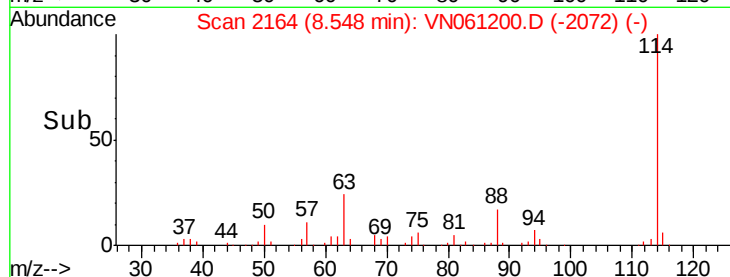
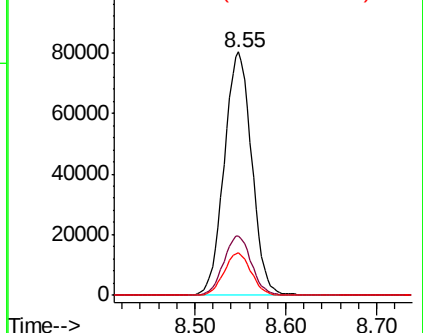
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061200.D
 Acq: 30 Apr 2020 14:28

Instrument :
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 VN0430WBL01

Tgt Ion:114 Resp: 168726
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.6
 88 17.4 0.0 33.4

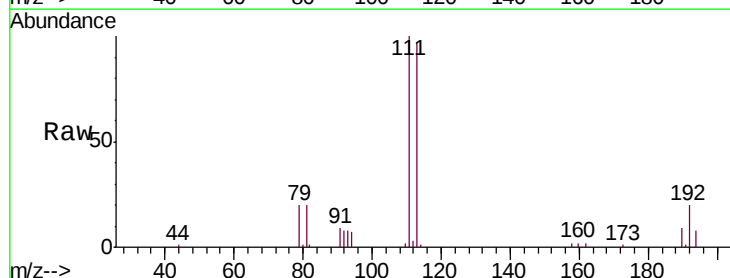


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

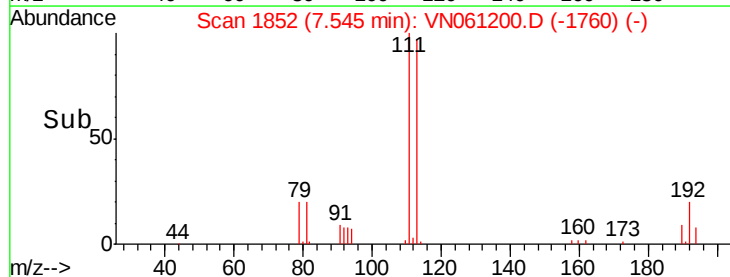
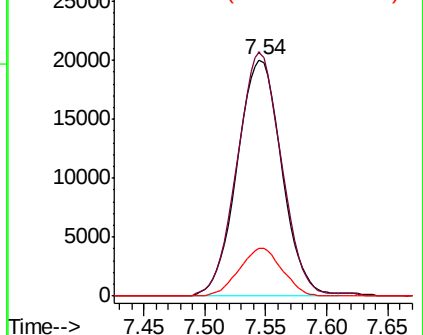


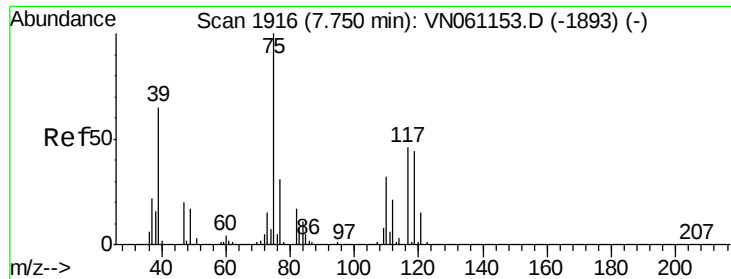
#35
 Dibromofluoromethane
 Concen: 50.843 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061200.D
 Acq: 30 Apr 2020 14:28

Tgt Ion:113 Resp: 50727
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 19.5 14.7 22.1



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

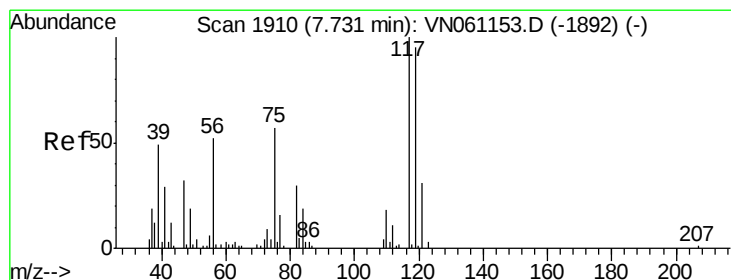
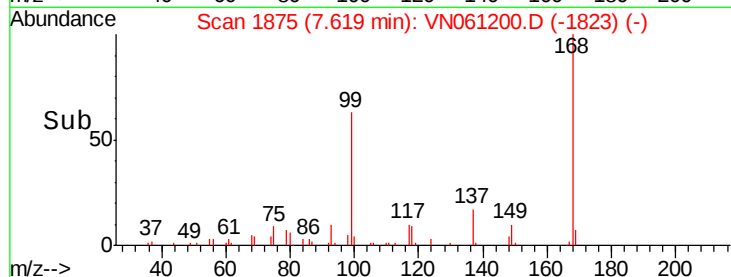
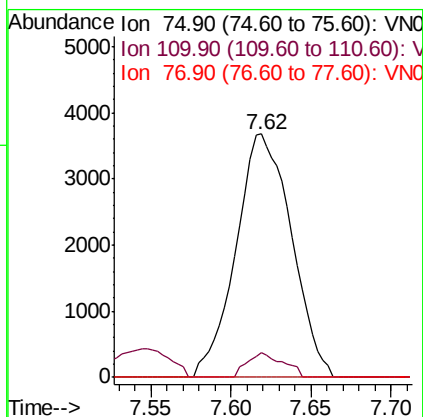
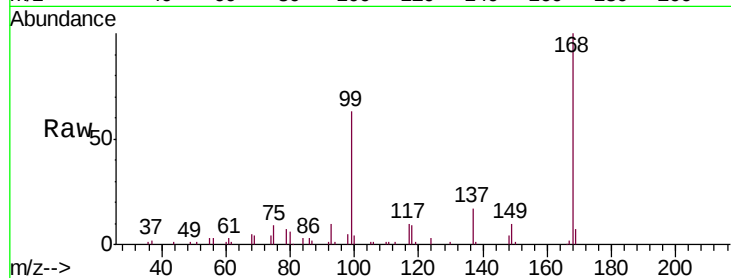




#36
 1,1-Dichloropropene
 Concen: 5.184 ug/l
 RT: 7.62 min Scan# 1875
 Delta R.T. -0.13 min
 Lab File: VN061200.D
 Acq: 30 Apr 2020 14:28

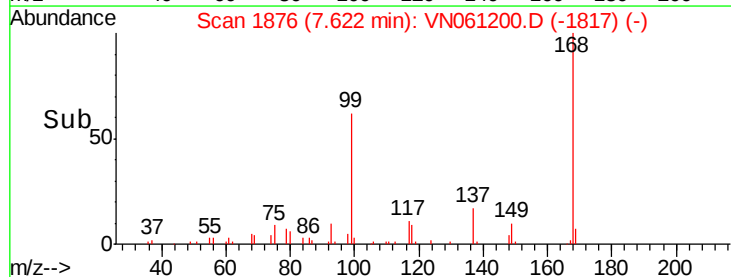
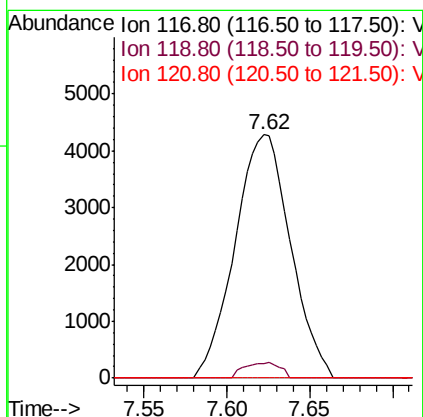
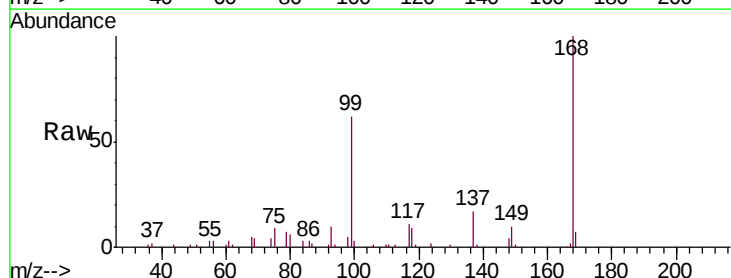
Instrument :
 MSVOA_N
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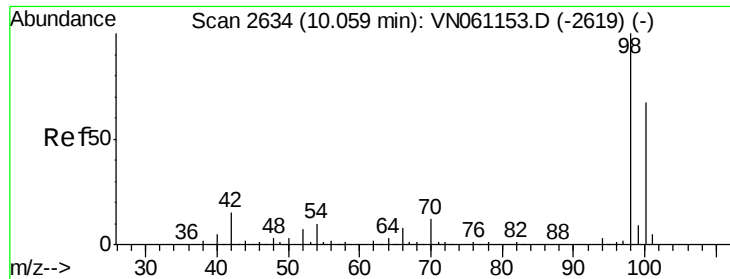
Tgt Ion: 75 Resp: 8756
 Ion Ratio Lower Upper
 75 100
 110 6.5 16.0 48.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 8.465 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.11 min
 Lab File: VN061200.D
 Acq: 30 Apr 2020 14:28

Tgt Ion: 117 Resp: 9978
 Ion Ratio Lower Upper
 117 100
 119 6.2 75.8 113.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 51.367 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061200.D

Acq: 30 Apr 2020 14:28

Instrument :

MSVOA_N

ClientSampled :

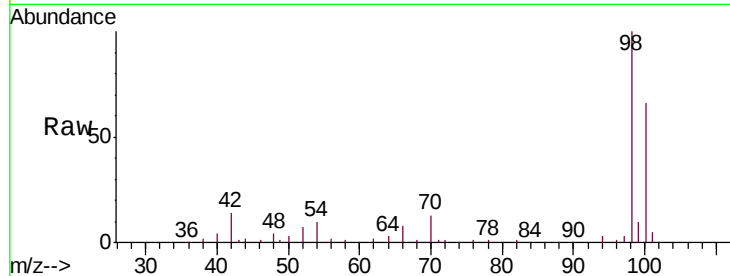
VN0430WBL01

Tgt Ion: 98 Resp: 208922

Ion Ratio Lower Upper

98 100

100 66.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

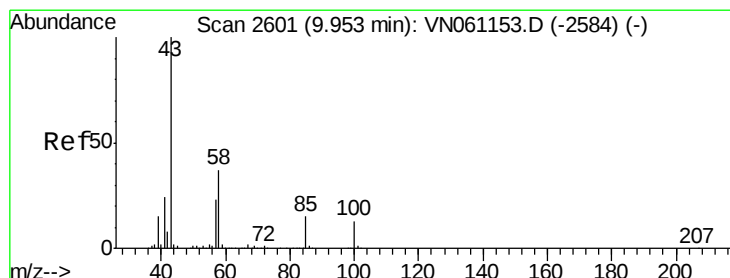
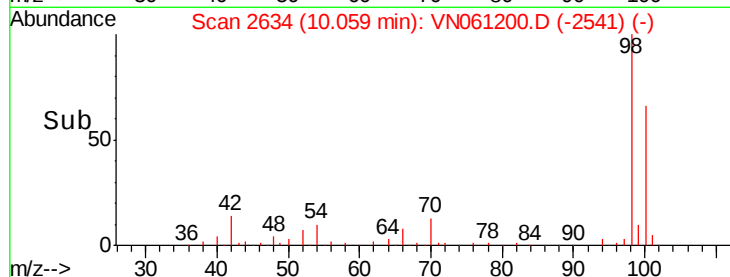
10.06

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.286 ug/l

RT: 9.96 min Scan# 2602

Delta R.T. 0.00 min

Lab File: VN061200.D

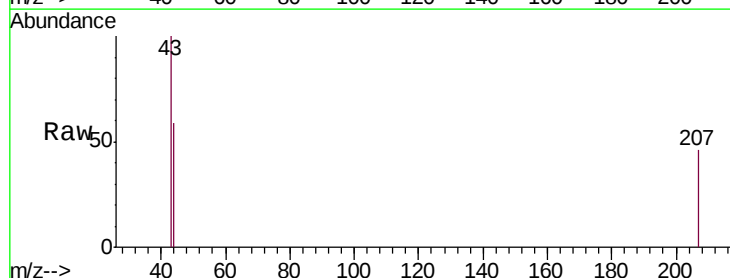
Acq: 30 Apr 2020 14:28

Tgt Ion: 43 Resp: 554

Ion Ratio Lower Upper

43 100

58 0.0 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

9.96

400

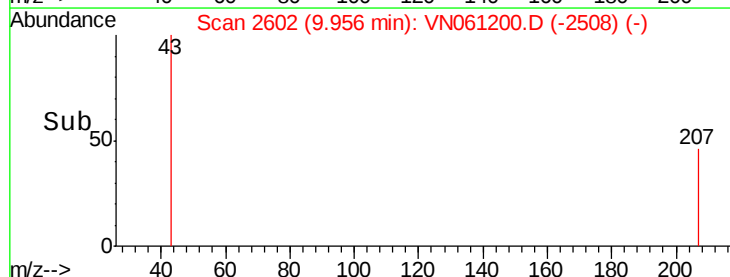
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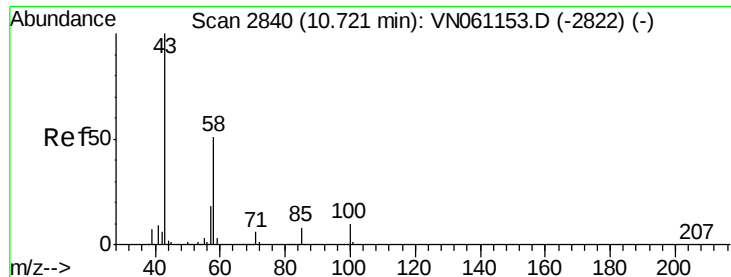
200

100

0

Time-->

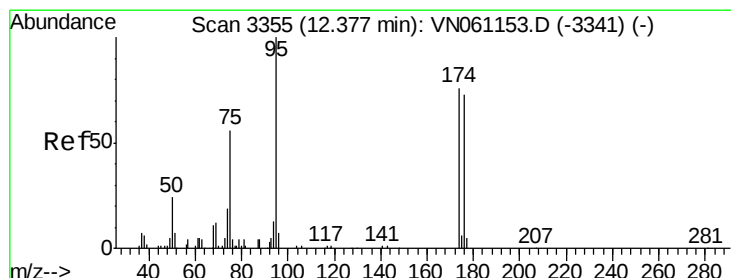
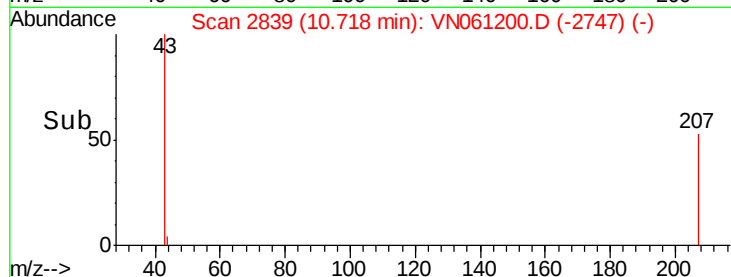
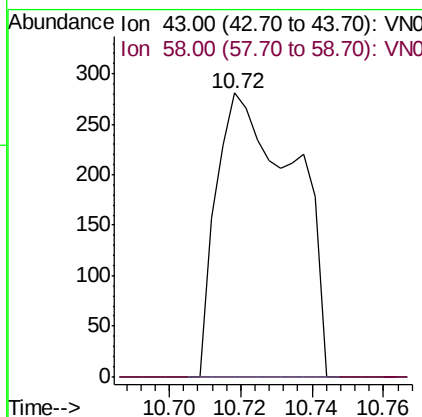
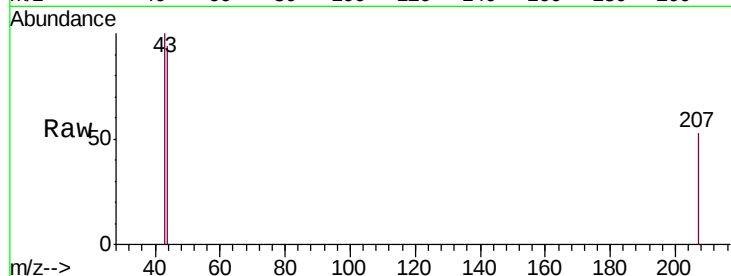




#59
2-Hexanone
Concen: 0.301 ug/l
RT: 10.72 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN061200.D
Acq: 30 Apr 2020 14:28

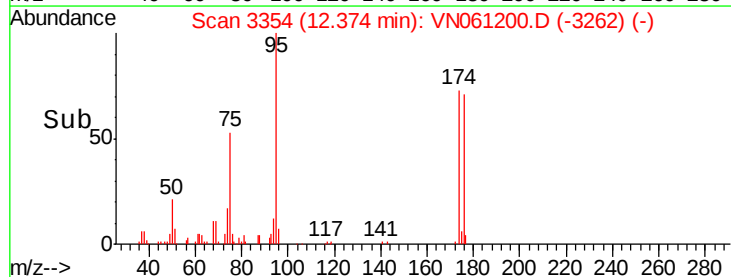
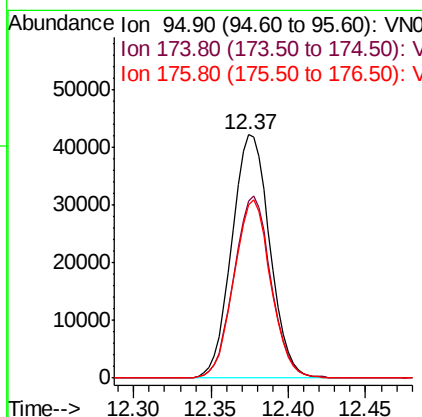
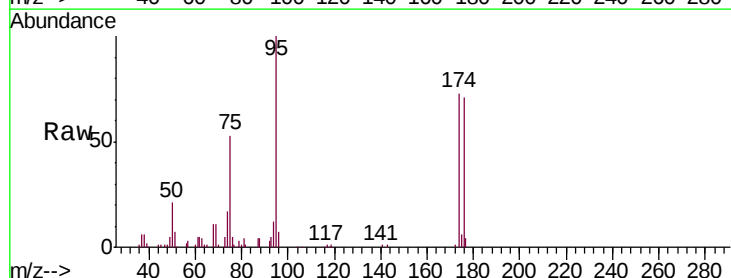
Instrument :
MSVOA_N
ClientSampleId :
VN0430WBL01

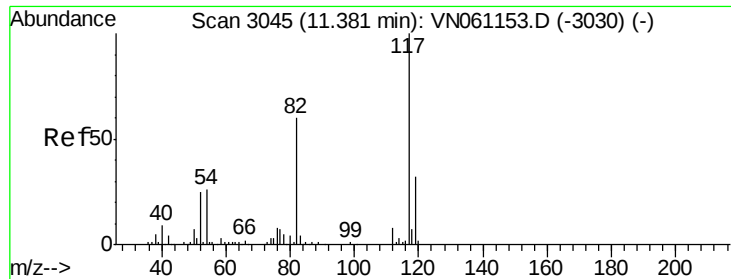
Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
58 0.0 25.4 76.4#



#62
4-Bromofluorobenzene
Concen: 47.120 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VN061200.D
Acq: 30 Apr 2020 14:28

Tgt Ion: 95 Resp: 72120
Ion Ratio Lower Upper
95 100
174 73.4 0.0 149.4
176 71.2 0.0 144.8

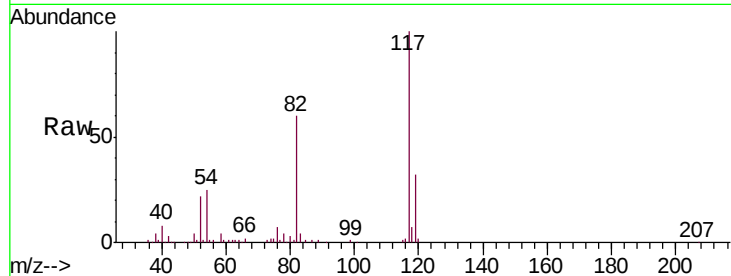




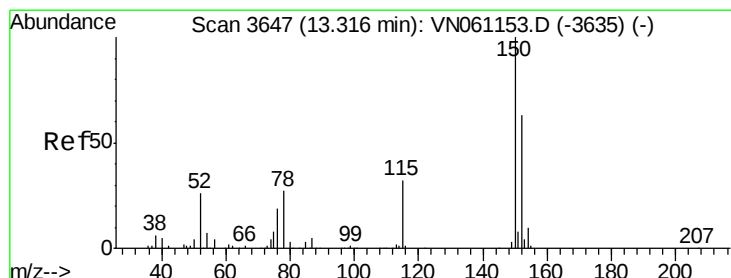
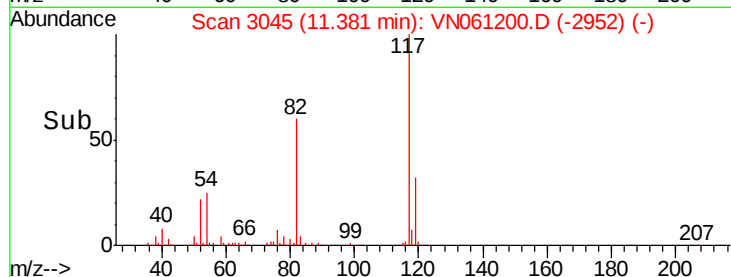
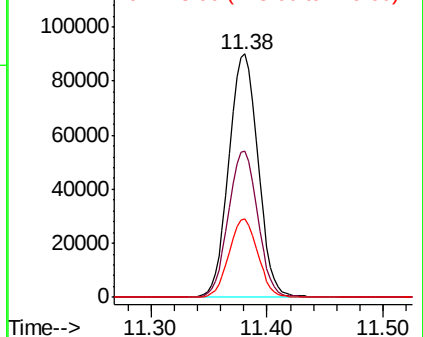
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061200.D
Acq: 30 Apr 2020 14:28

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBL01

Tgt Ion:117 Resp: 156908
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 32.0 25.8 38.6

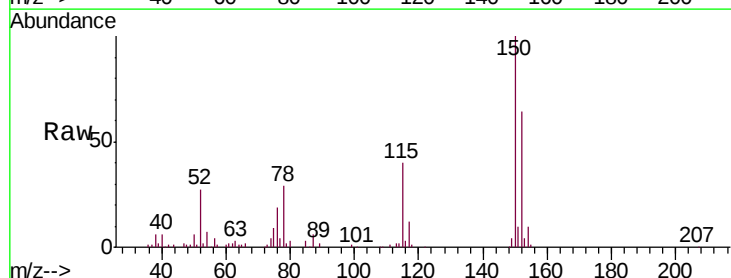


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

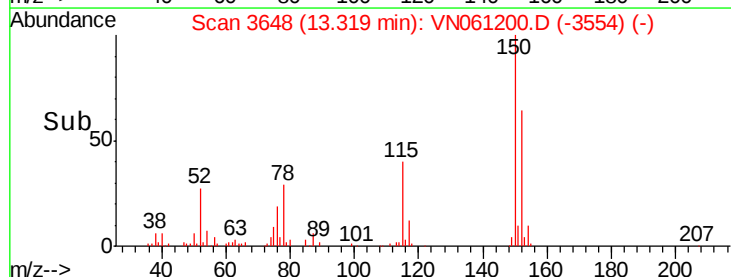
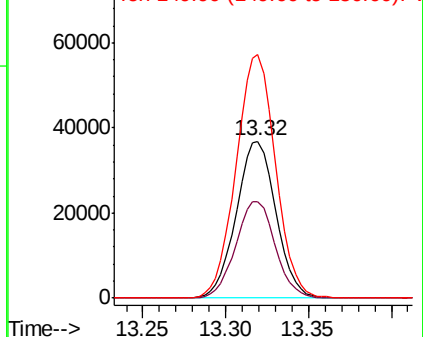


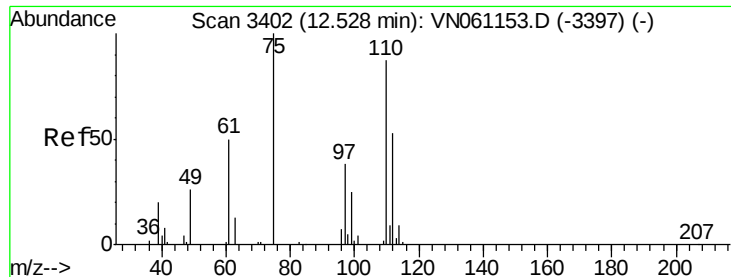
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061200.D
Acq: 30 Apr 2020 14:28

Tgt Ion:152 Resp: 61341
Ion Ratio Lower Upper
152 100
115 61.2 31.0 93.0
150 154.4 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

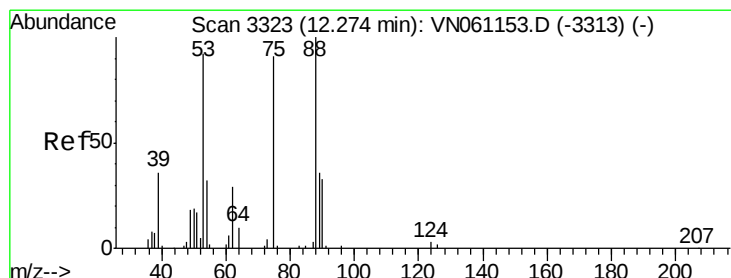
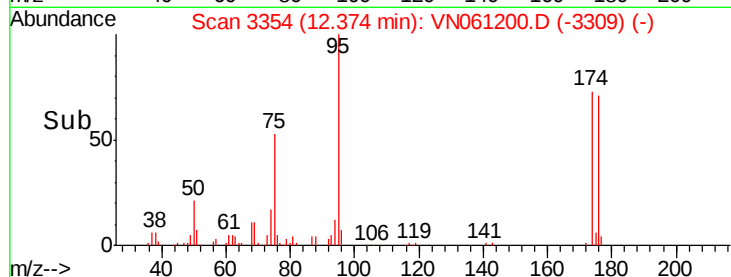
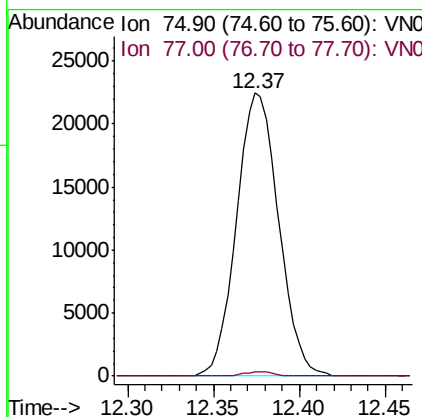
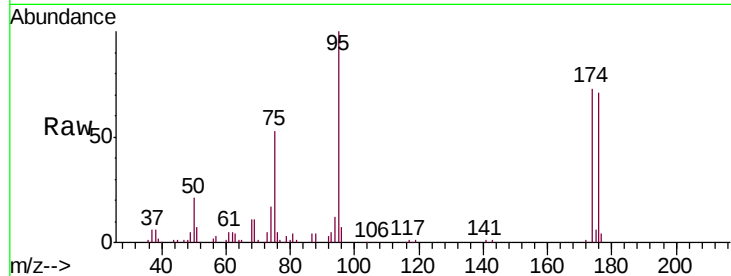




#76
 1,2,3-Trichloropropane
 Concen: 29.567 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.15 min
 Lab File: VN061200.D
 Acq: 30 Apr 2020 14:28

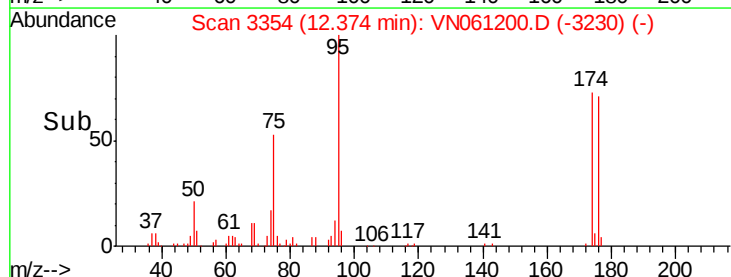
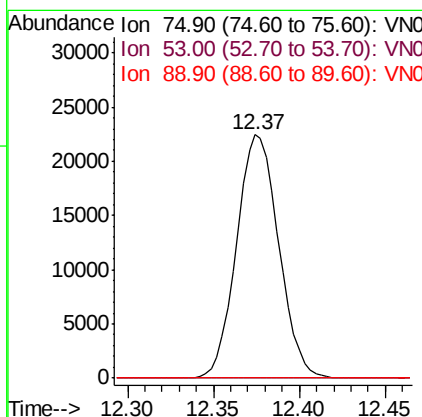
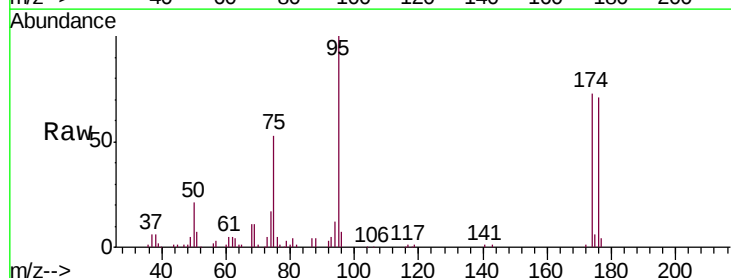
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBL01

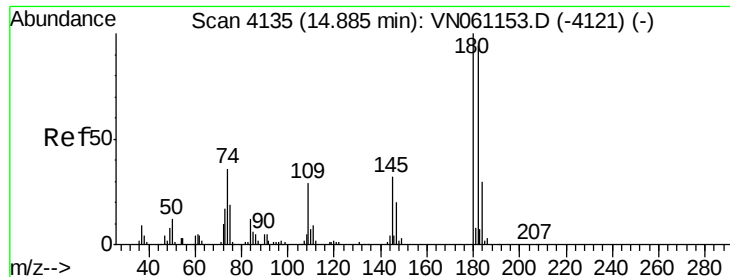
Tgt Ion: 75 Resp: 38237
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.085 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. 0.10 min
 Lab File: VN061200.D
 Acq: 30 Apr 2020 14:28

Tgt Ion: 75 Resp: 38237
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

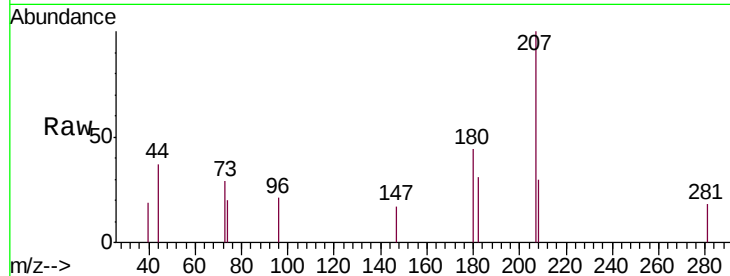




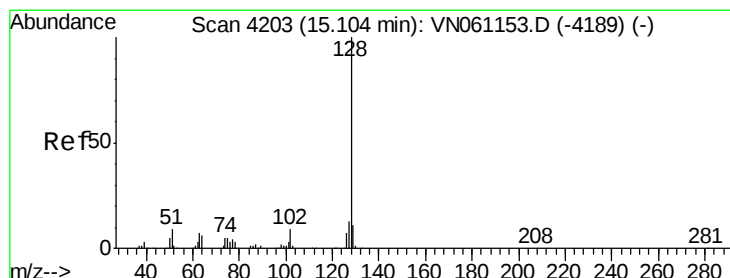
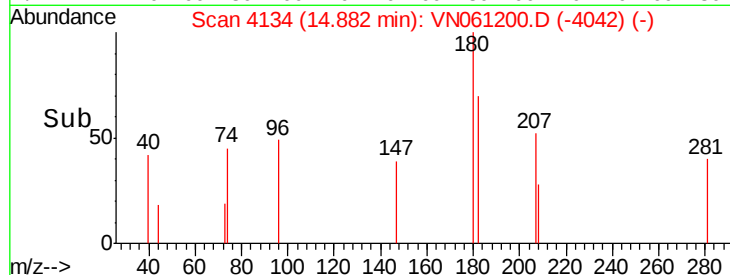
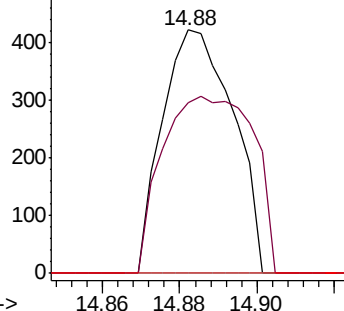
#93
 1,2,4-Trichlorobenzene
 Concen: 0.479 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061200.D
 Acq: 30 Apr 2020 14:28

Instrument :
 MSVOA_N
 ClientSampled :
 VN0430WBL01

Tgt Ion:180 Resp: 536
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.3 141.9
 145 0.0 16.0 47.9#

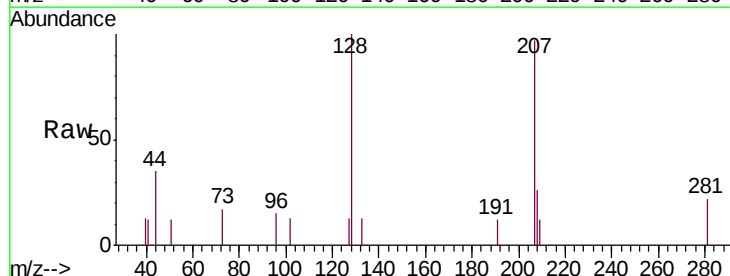


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

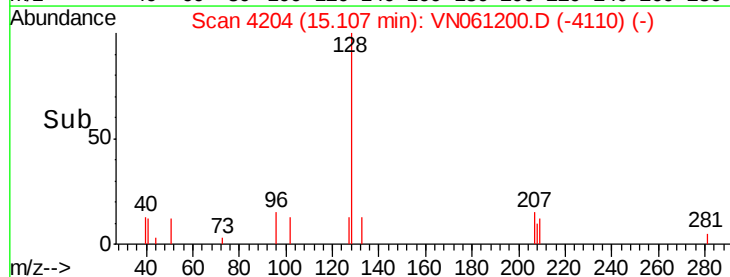
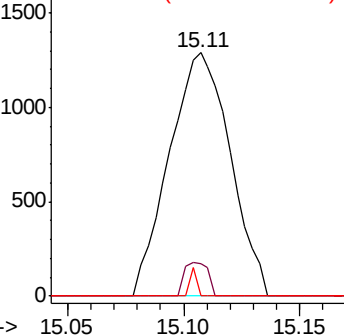


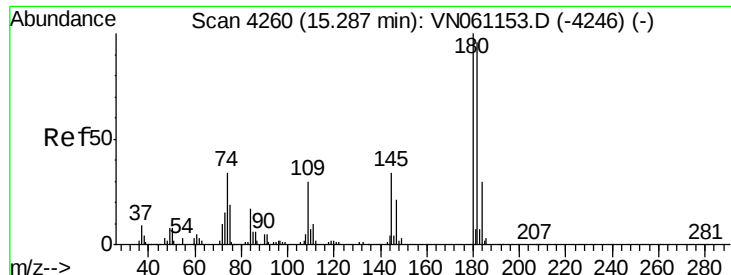
#95
 Naphthalene
 Concen: 0.645 ug/l
 RT: 15.11 min Scan# 4204
 Delta R.T. 0.00 min
 Lab File: VN061200.D
 Acq: 30 Apr 2020 14:28

Tgt Ion:128 Resp: 2349
 Ion Ratio Lower Upper
 128 100
 127 5.4 10.4 15.6#
 129 1.3 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.448 ug/l
 RT: 15.28 min Scan# 4259
 Delta R.T. -0.00 min
 Lab File: VN061200.D
 Acq: 30 Apr 2020 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.7	47.5	142.5
145	12.1	16.9	50.7

