

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061228.D
 Acq On : 1 May 2020 14:21
 Operator : JC/MD
 Sample : L2468-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 04 00:53:54 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	7.63	168	118539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	210787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	201446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88527	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	91018	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
35) Dibromofluoromethane	7.55	113	57815	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
50) Toluene-d8	10.06	98	262391	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.38	95	95873	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	

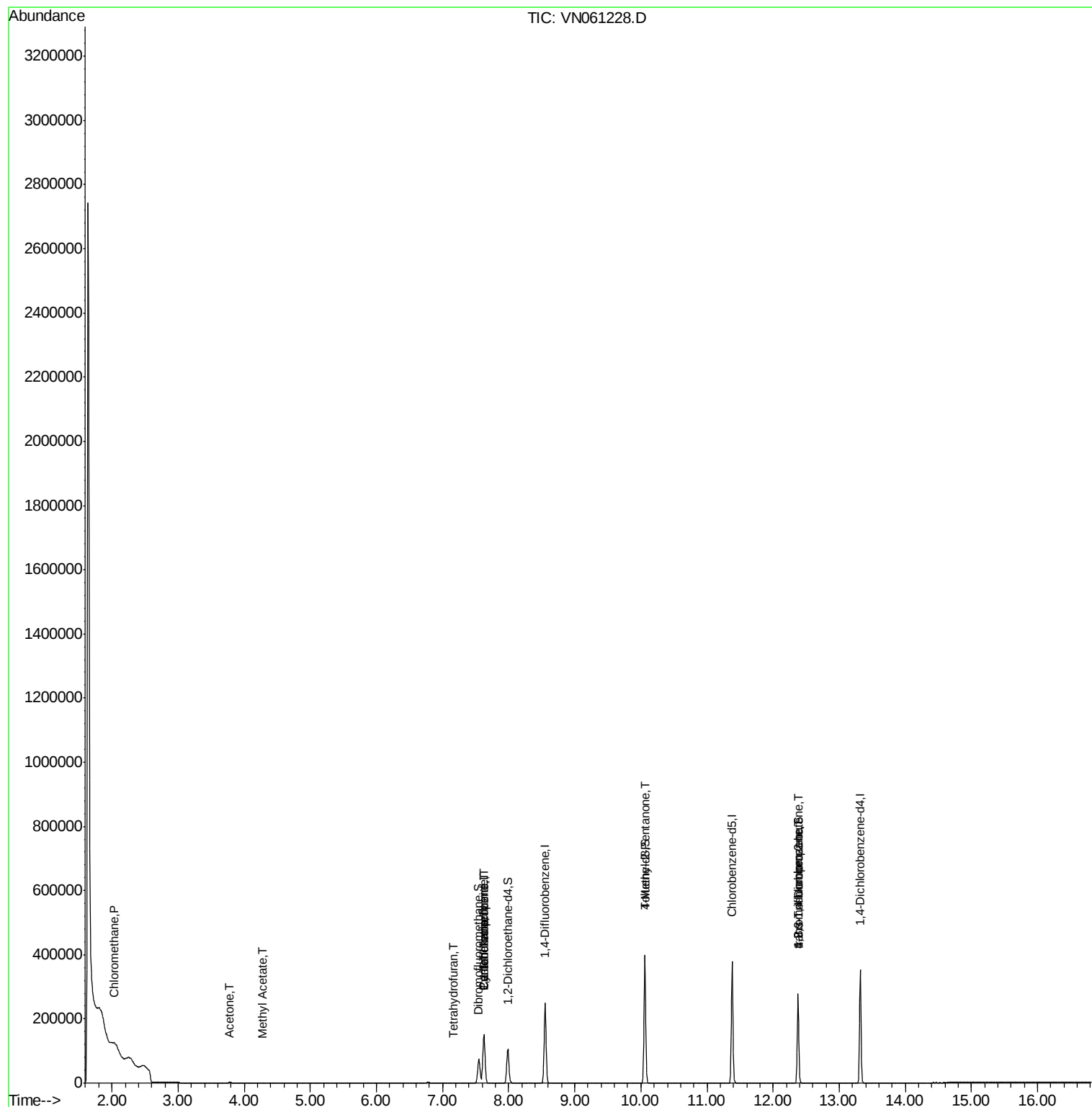
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	637	0.418	ug/l	97
16) Acetone	3.78	43	4359	0.495	ug/l	99
18) Methyl Acetate	4.29	43	29	0.691	ug/l #	55
29) Tetrahydrofuran	7.17	42	496	0.663	ug/l #	37
31) Cyclohexane	7.63	56	2972	1.089	ug/l #	3
36) 1,1-Dichloropropene	7.63	75	10503	4.978	ug/l #	49
38) Carbon Tetrachloride	7.63	117	12247	8.357	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1405	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	51775	27.741	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	51775	70.447	ug/l #	8

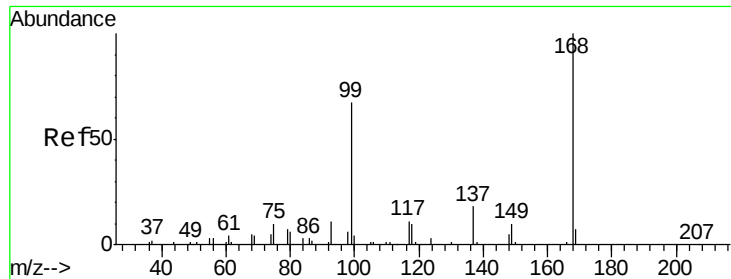
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VN061228.D

Acq: 1 May 2020 14:21

Instrument :

MSVOA_N

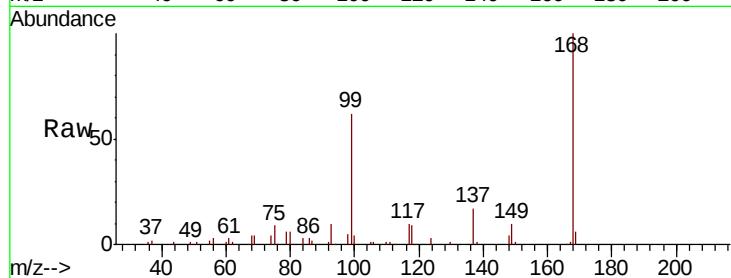
ClientSampled :

Tot Ion:168 Resp: 118539

Ion Ratio Lower Upper

168 100

99 61.6 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

50000

40000

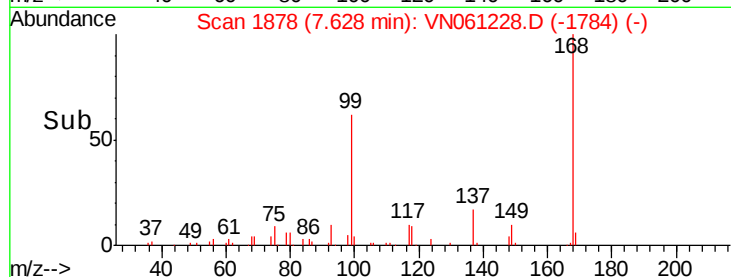
30000

20000

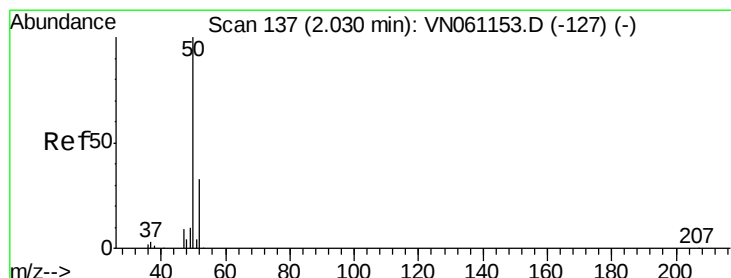
10000

0

Time--> 7.50 7.60 7.70



Scan 1878 (7.628 min): VN061228.D (-1784) (-)



Scan 137 (2.030 min): VN061153.D (-127) (-)

#3

Chloromethane

Concen: 0.418 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061228.D

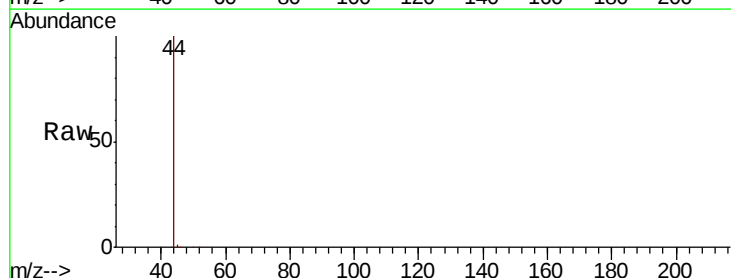
Acq: 1 May 2020 14:21

Tgt Ion: 50 Resp: 637

Ion Ratio Lower Upper

50 100

52 34.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

600

500

400

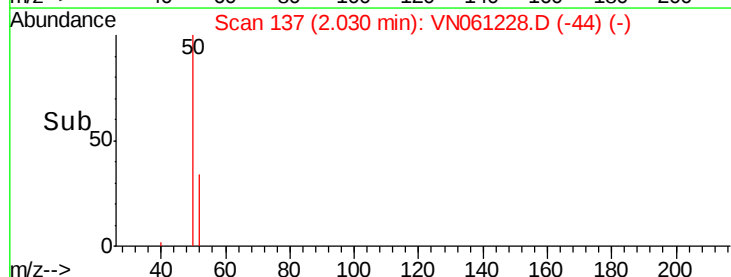
300

200

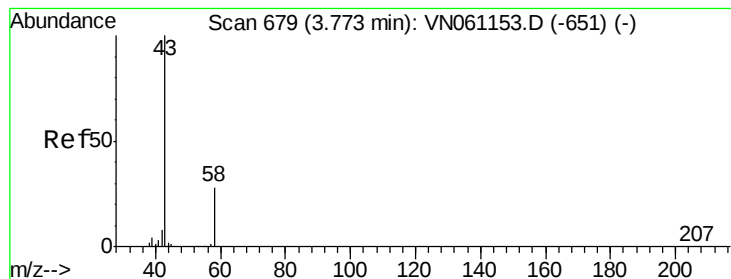
100

0

Time--> 2.00 2.02 2.04 2.06



Scan 137 (2.030 min): VN061228.D (-44) (-)



#16

Acetone

Concen: 0.495 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061228.D

Acq: 1 May 2020 14:21

Instrument :

MSVOA_N

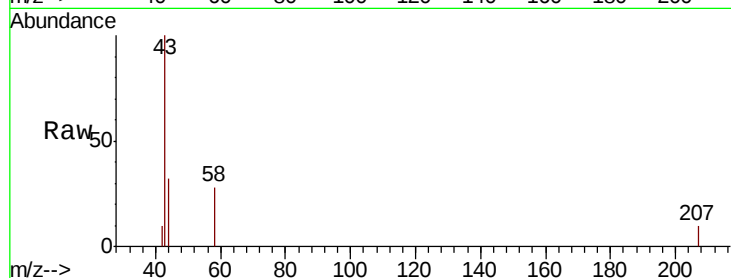
ClientSampleId :

Tot Ion: 43 Resp: 4359

Ion Ratio Lower Upper

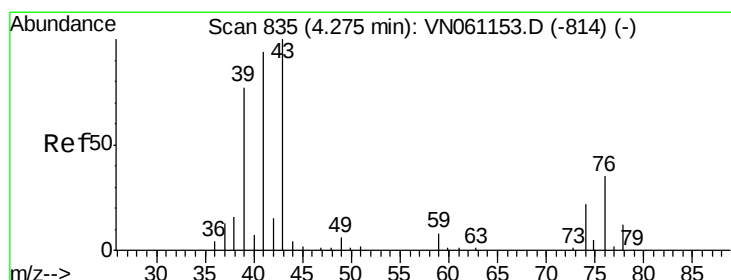
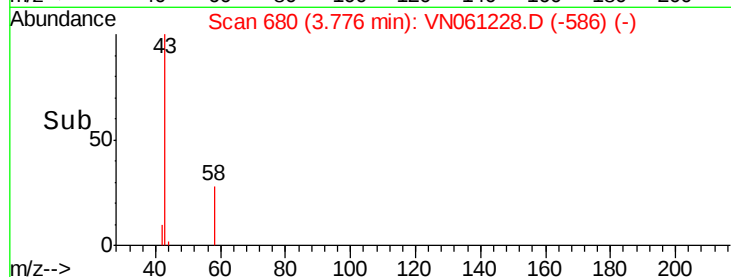
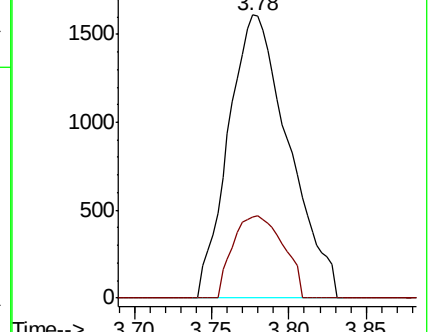
43 100

58 28.5 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-651) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-651) (-)



#18

Methyl Acetate

Concen: 0.691 ug/l

RT: 4.29 min Scan# 839

Delta R.T. 0.01 min

Lab File: VN061228.D

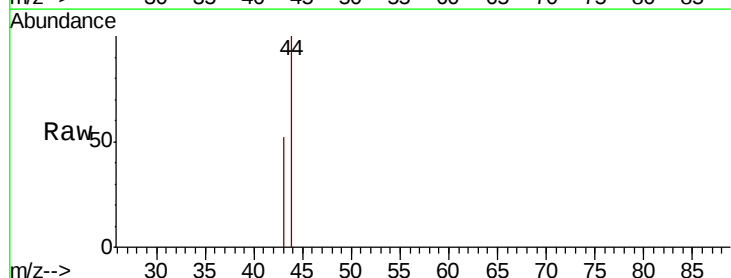
Acq: 1 May 2020 14:21

Tgt Ion: 43 Resp: 29

Ion Ratio Lower Upper

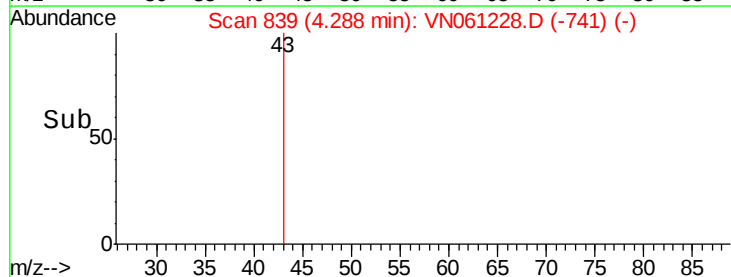
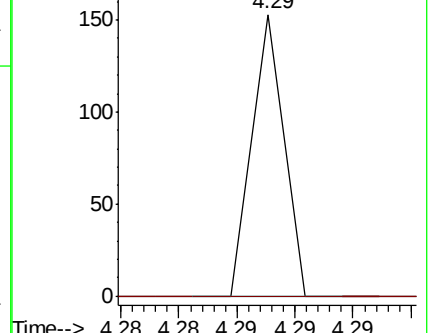
43 100

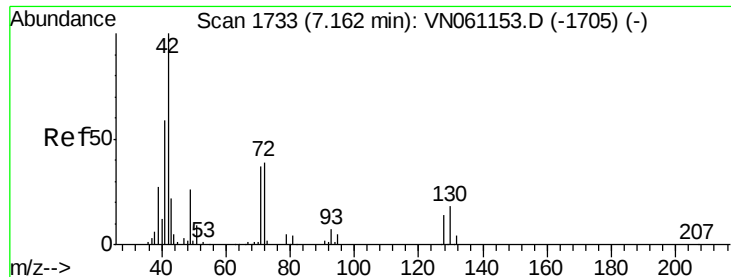
74 0.0 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)

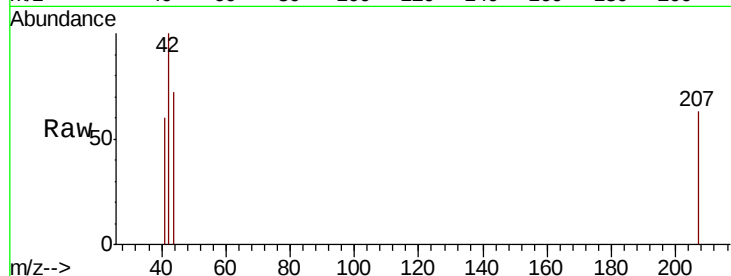




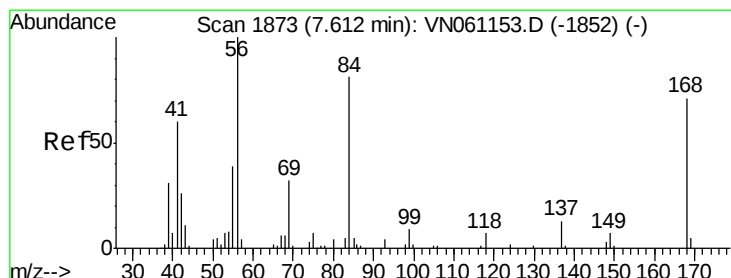
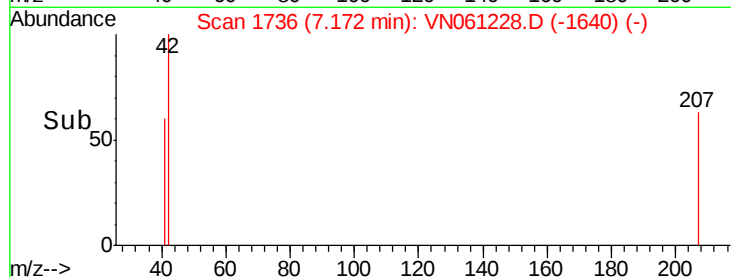
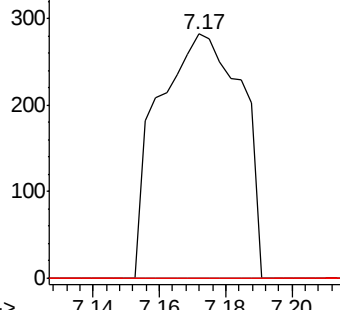
#29
Tetrahydrofuran
Concen: 0.663 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. 0.01 min
Lab File: VN061228.D
Acq: 1 May 2020 14:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 496
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 0.0 29.5 44.3#

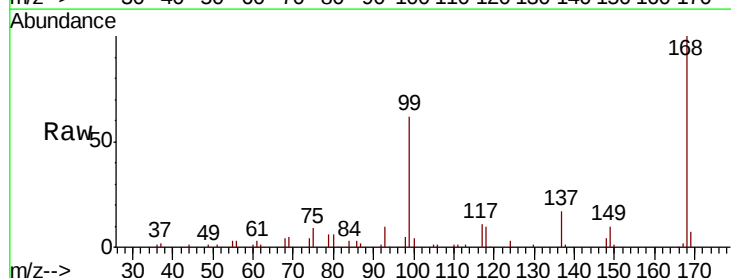


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

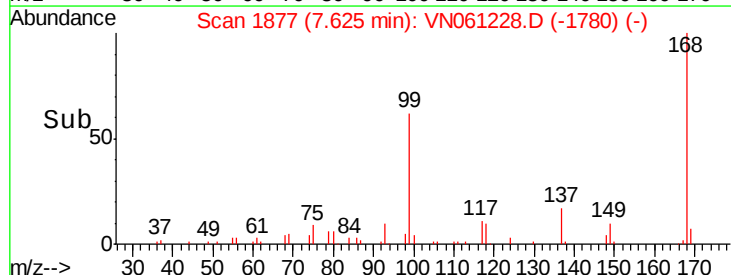
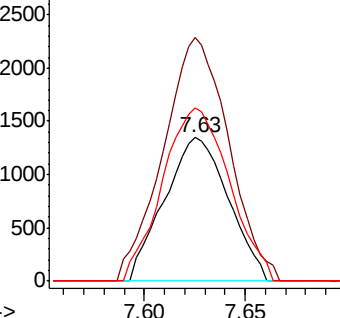


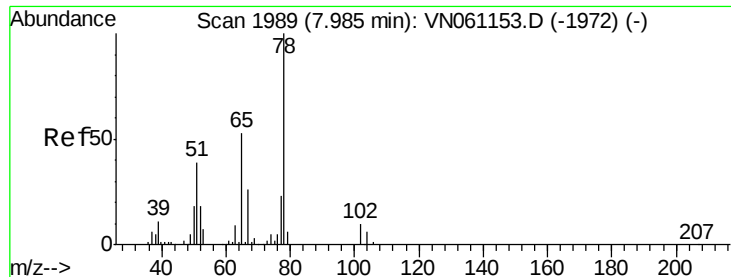
#31
Cyclohexane
Concen: 1.089 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061228.D
Acq: 1 May 2020 14:21

Tgt Ion: 56 Resp: 2972
Ion Ratio Lower Upper
56 100
69 158.8 25.7 38.5#
84 120.9 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

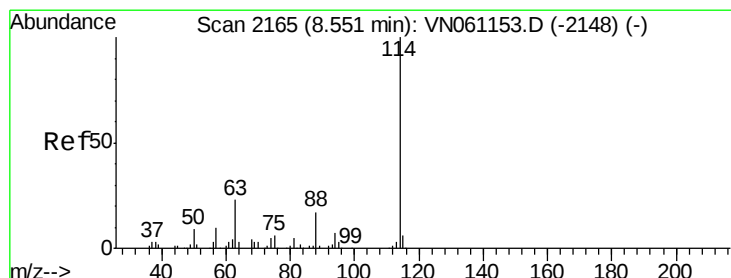
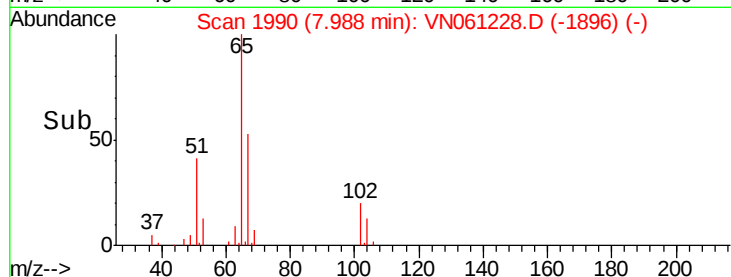
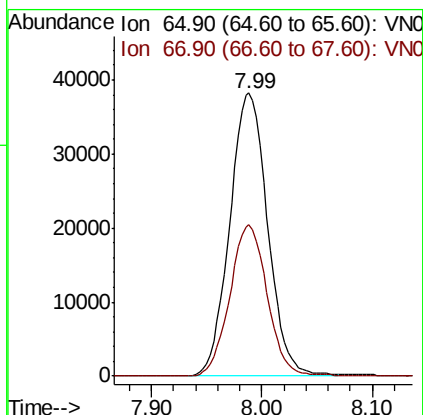
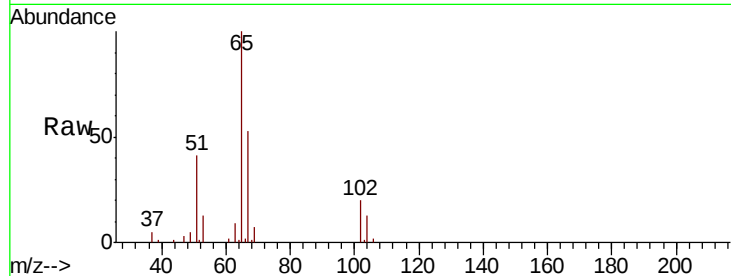




#33
 1,2-Dichloroethane-d4
 Concen: 48.526 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061228.D
 Acq: 1 May 2020 14:21

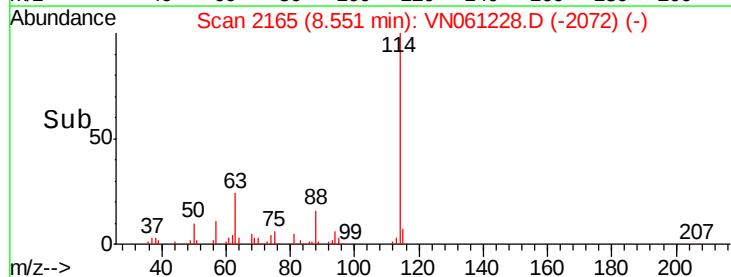
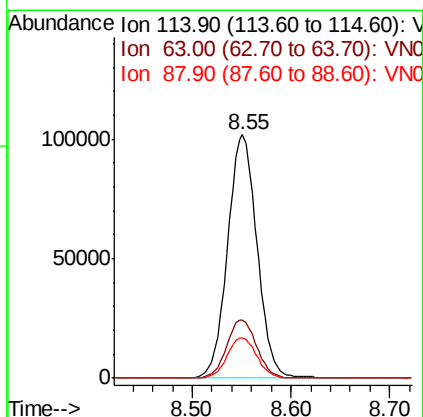
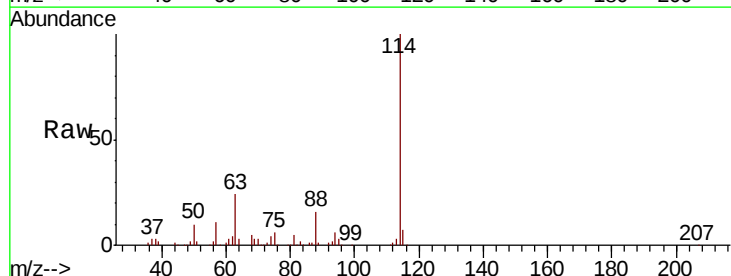
Instrument :
 MSVOA_N
 ClientSampleId :

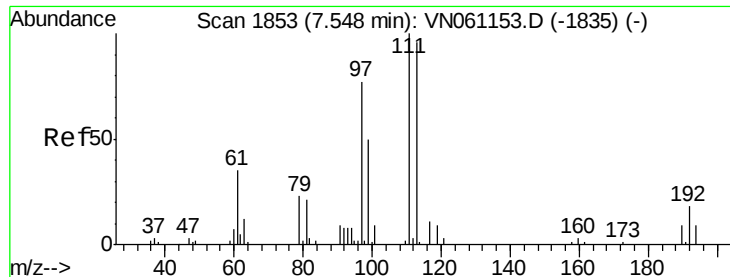
Tot Ion: 65 Resp: 91018
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061228.D
 Acq: 1 May 2020 14:21

Tgt Ion: 114 Resp: 210787
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 46.6
 88 16.5 0.0 33.4

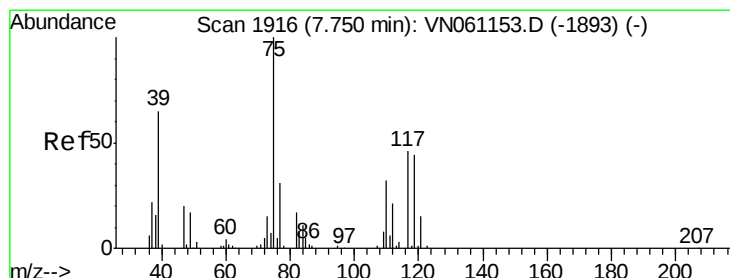
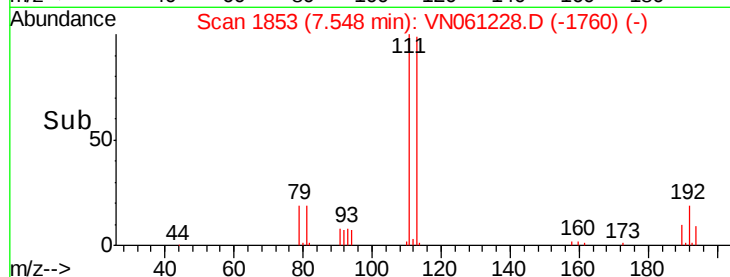
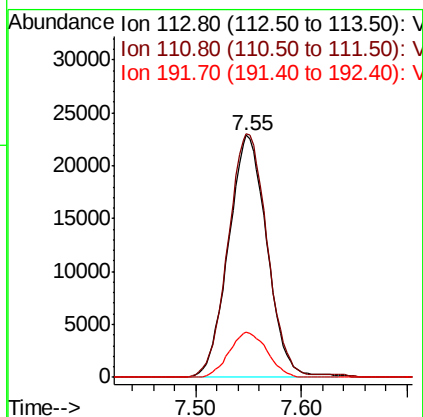
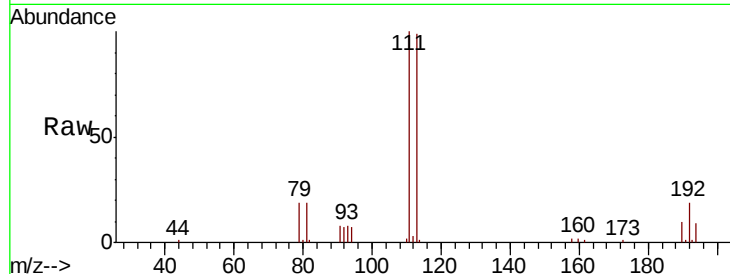




#35
 Dibromofluoromethane
 Concen: 46.384 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061228.D
 Acq: 1 May 2020 14:21

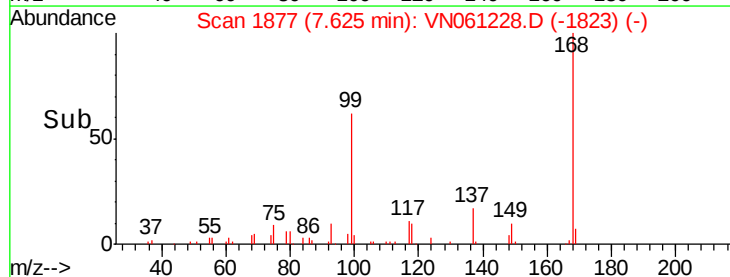
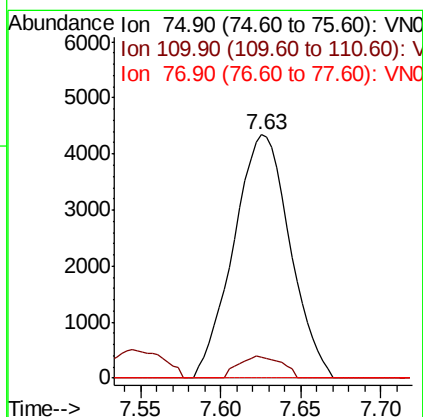
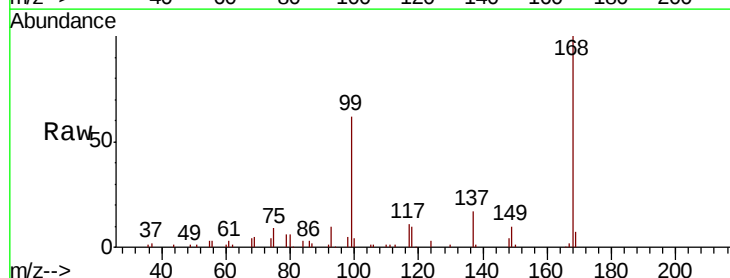
Instrument :
 MSVOA_N
 ClientSampleId :

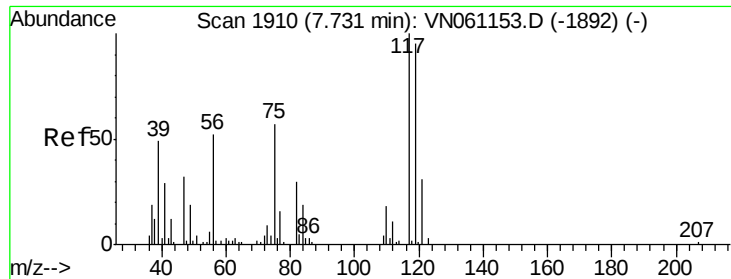
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	18.4	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 4.978 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061228.D
 Acq: 1 May 2020 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.0	48.0#
77	0.0	24.6	37.0#

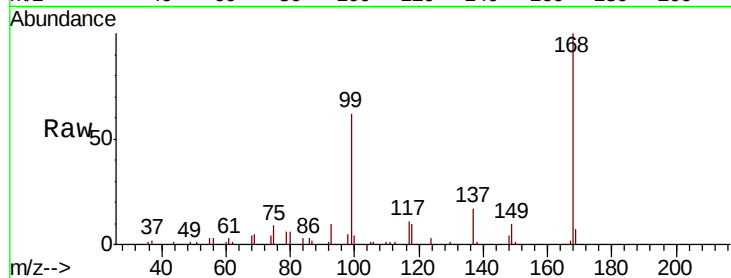




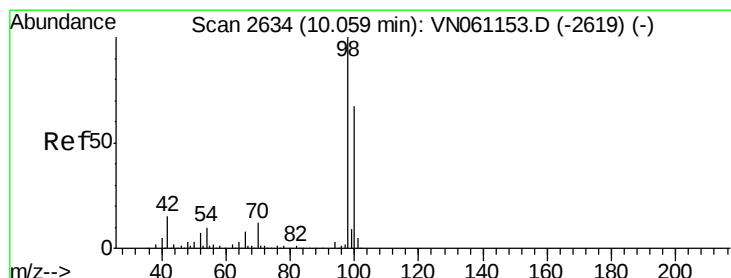
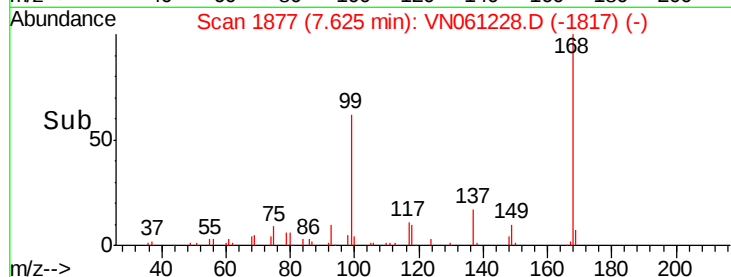
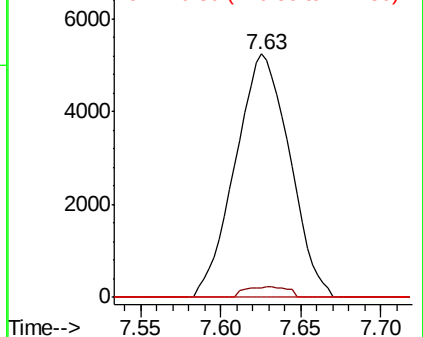
#38
Carbon Tetrachloride
Concen: 8.357 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061228.D
Acq: 1 May 2020 14:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 12247
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.7 37.1#

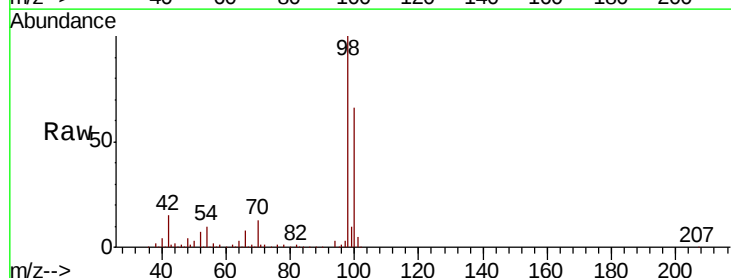


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

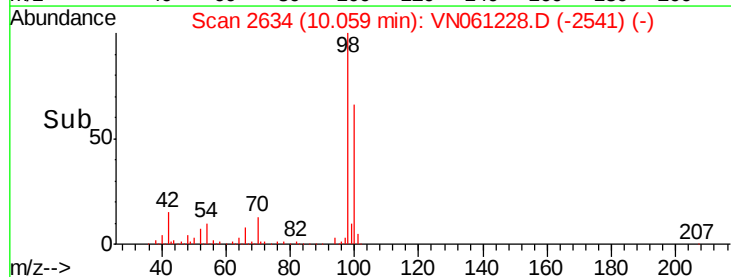
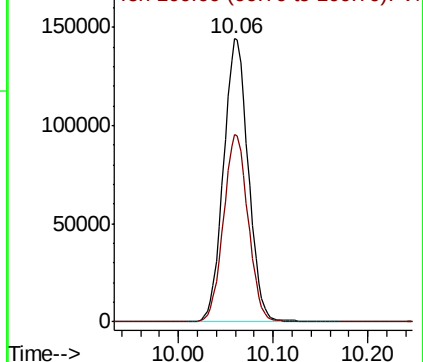


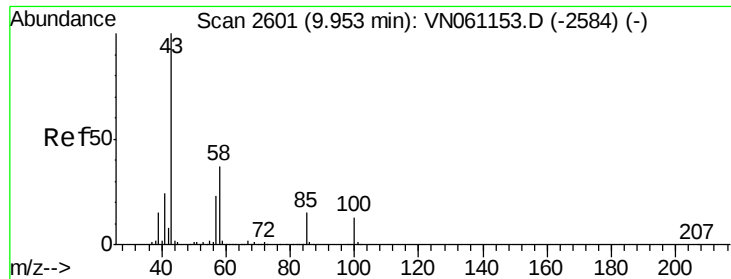
#50
Toluene-d8
Concen: 51.640 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061228.D
Acq: 1 May 2020 14:21

Tgt Ion: 98 Resp: 262391
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



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

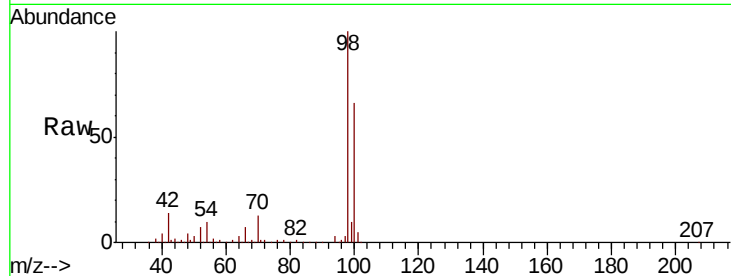




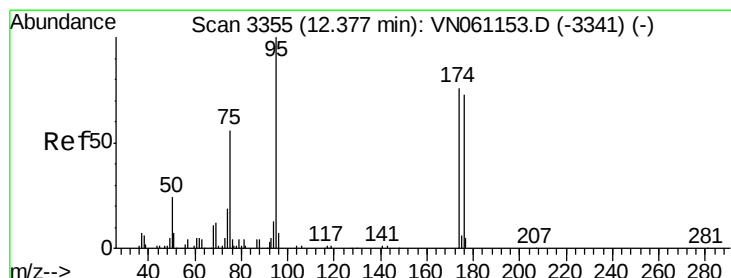
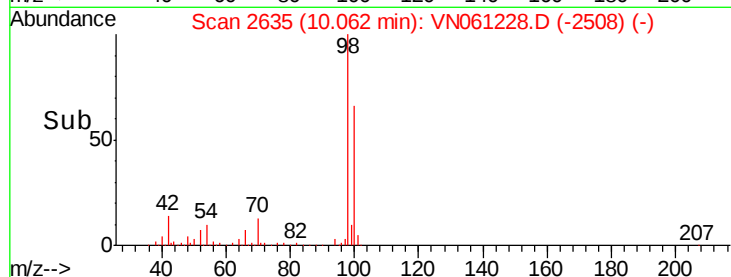
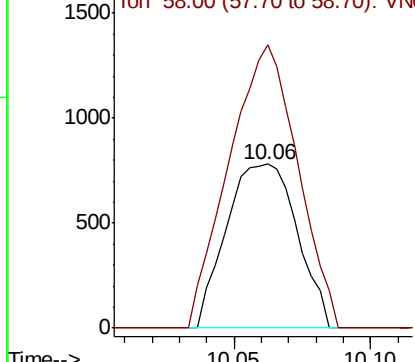
#51
 4-Methyl-2-Pentanone
 Concen: 0.581 ug/l
 RT: 10.06 min Scan# 2635
 Delta R.T. 0.11 min
 Lab File: VN061228.D
 Acq: 1 May 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 43 Resp: 1405
 Ion Ratio Lower Upper
 43 100
 58 168.0 29.1 43.7#

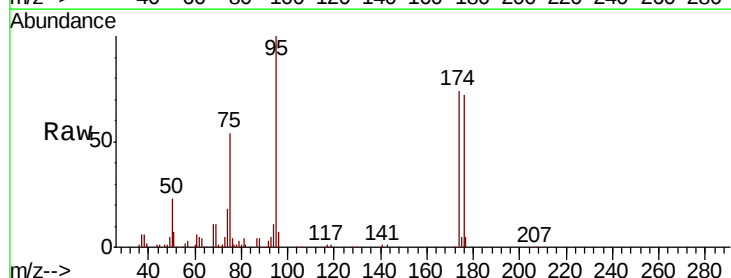


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

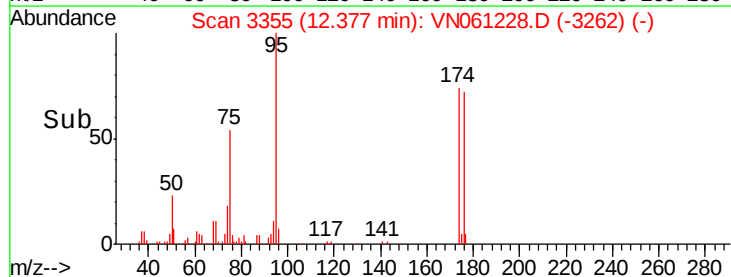
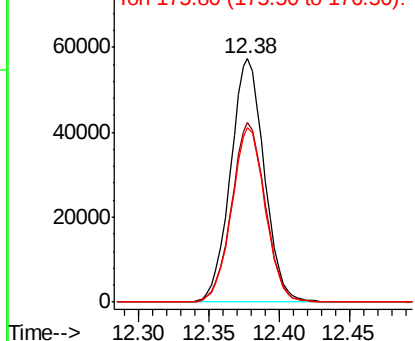


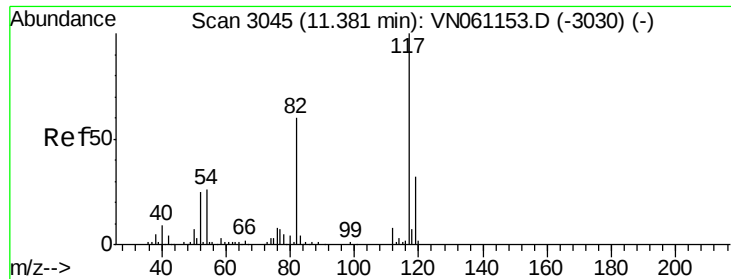
#62
 4-Bromofluorobenzene
 Concen: 50.140 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061228.D
 Acq: 1 May 2020 14:21

Tgt Ion: 95 Resp: 95873
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 149.4
 176 71.3 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

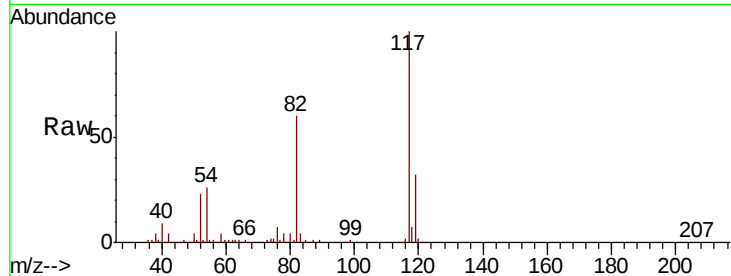




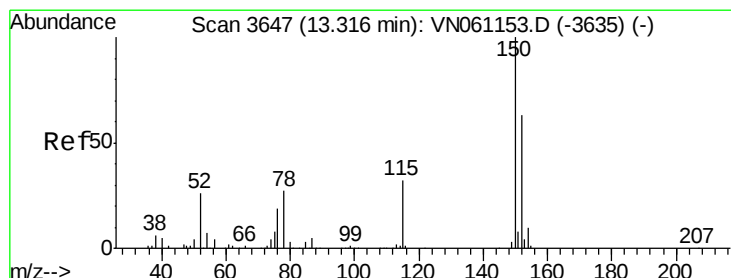
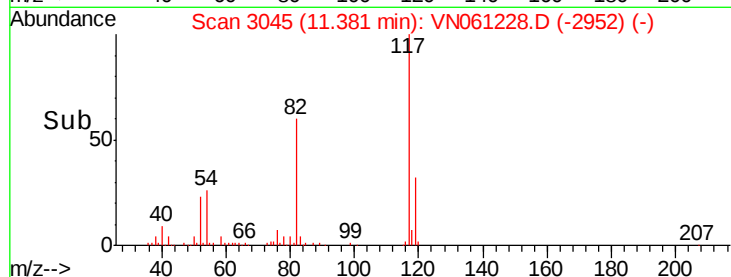
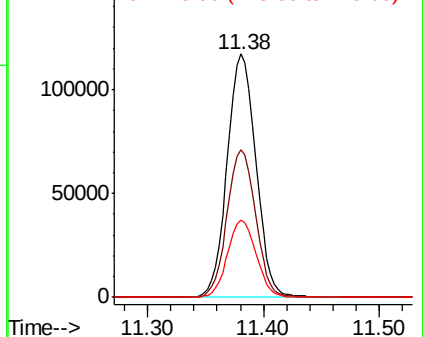
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061228.D
Acq: 1 May 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 201446
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 31.9 25.8 38.6

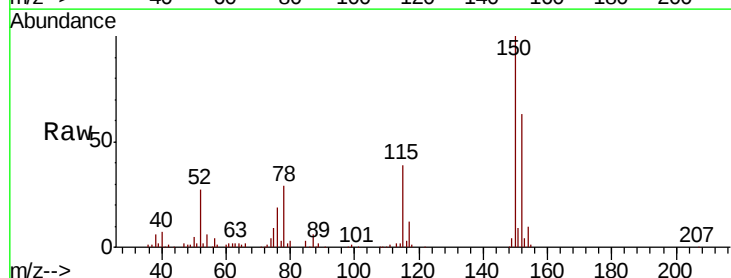


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

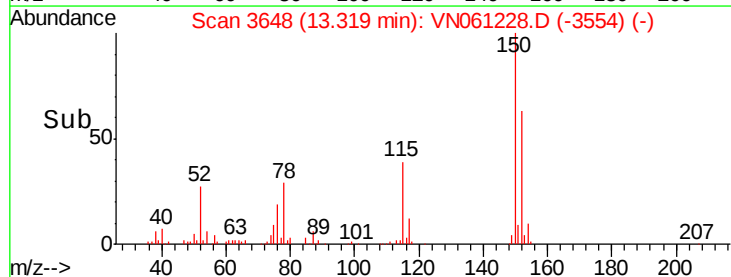
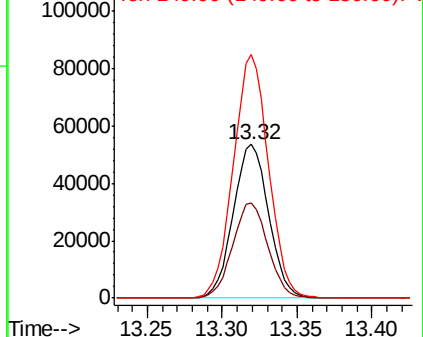


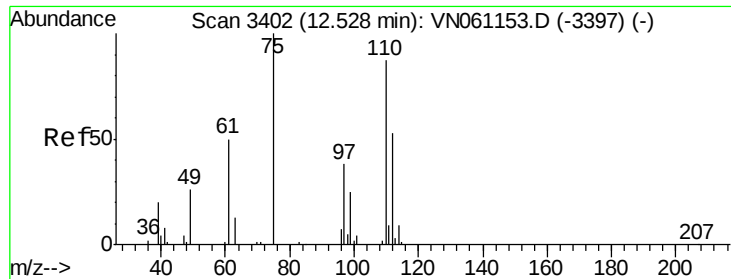
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061228.D
Acq: 1 May 2020 14:21

Tgt Ion:152 Resp: 88527
Ion Ratio Lower Upper
152 100
115 61.9 31.0 93.0
150 156.9 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

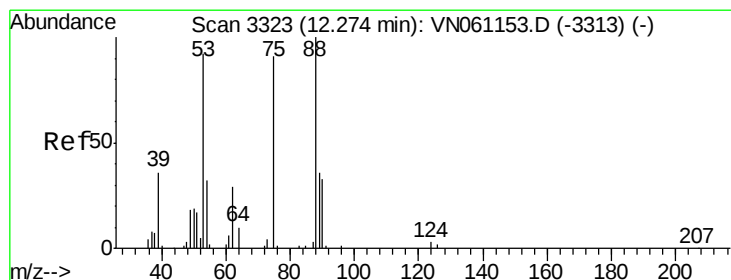
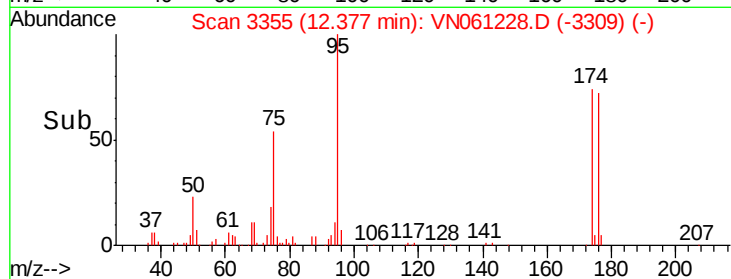
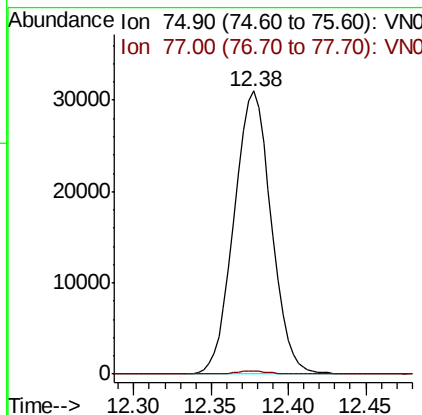
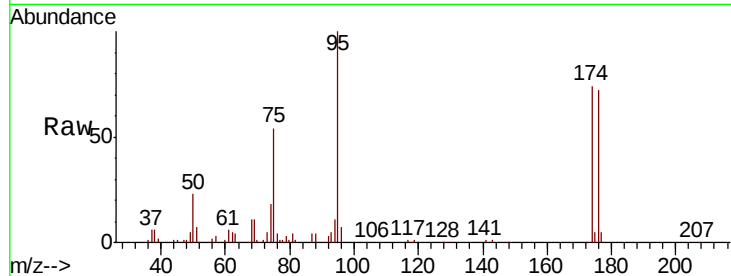




#76
 1,2,3-Trichloropropane
 Concen: 27.741 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. -0.15 min
 Lab File: VN061228.D
 Acq: 1 May 2020 14:21

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 51775
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.447 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061228.D
 Acq: 1 May 2020 14:21

Tgt Ion: 75 Resp: 51775
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

