

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062416.D
 Acq On : 8 Jul 2020 19:03
 Operator : JC/MD
 Sample : L3215-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16D

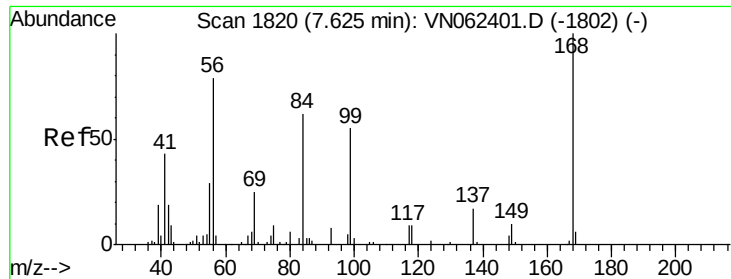
Quant Time: Jul 09 02:23:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	173581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	317152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	300621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	112032	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	137609	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
35) Dibromofluoromethane	7.55	113	101481	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
50) Toluene-d8	10.06	98	404435	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.38	95	144650	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	648	0.228	ug/l #	86
16) Acetone	3.78	43	169297	149.355	ug/l	99
30) Chloroform	7.33	83	4056	1.050	ug/l	98
31) Cyclohexane	7.62	56	4612	1.137	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	15877	4.969	ug/l #	50
38) Carbon Tetrachloride	7.63	117	17792	6.194	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	2194	0.622	ug/l #	1
60) Dibromochloromethane	10.60	129	6561	2.828	ug/l #	11
64) Tetrachloroethene	10.60	164	6299	3.531	ug/l	95
76) 1,2,3-Trichloropropane	12.38	75	76756	27.923	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	76756	74.737	ug/l #	10

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062416.D

Acq: 8 Jul 2020 19:03

Instrument :

MSVOA_N

ClientSampled :

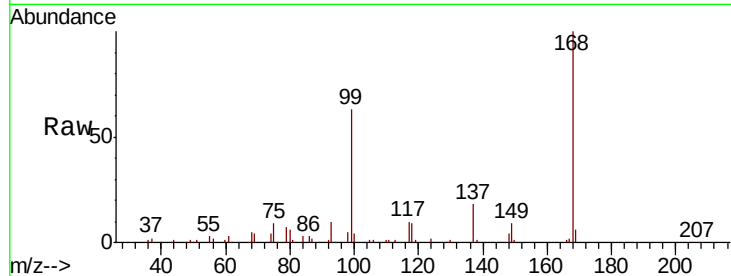
MW-16D

Tot Ion:168 Resp: 173581

Ion Ratio Lower Upper

168 100

99 62.6 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

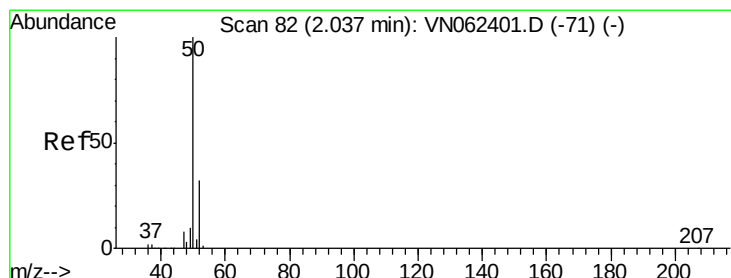
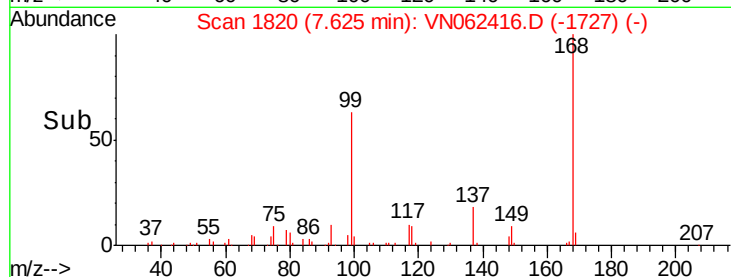
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.228 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062416.D

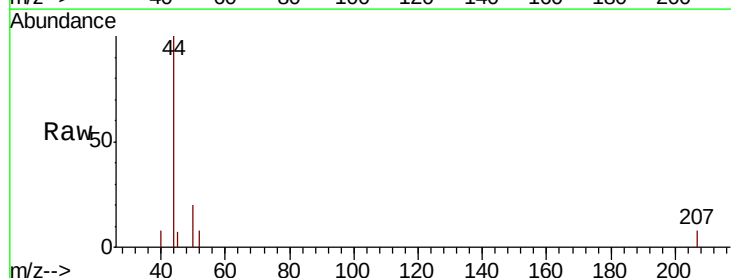
Acq: 8 Jul 2020 19:03

Tgt Ion: 50 Resp: 648

Ion Ratio Lower Upper

50 100

52 39.8 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

500

400

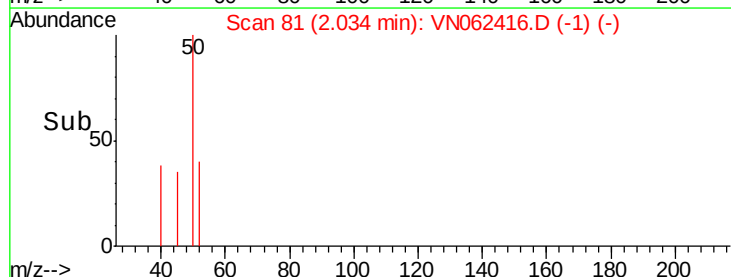
300

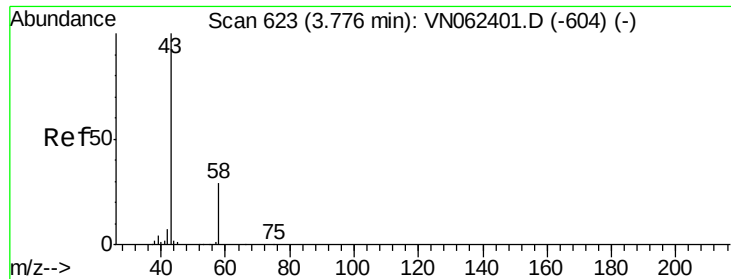
200

100

0

Time--> 2.00 2.02 2.04 2.06

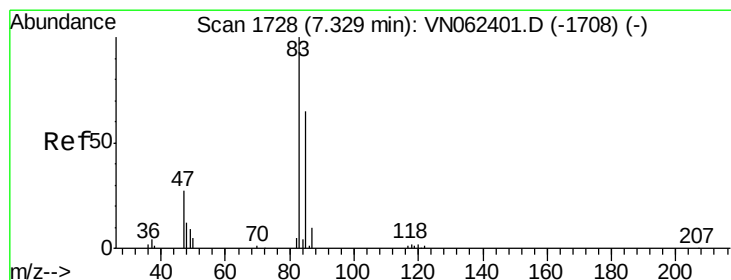
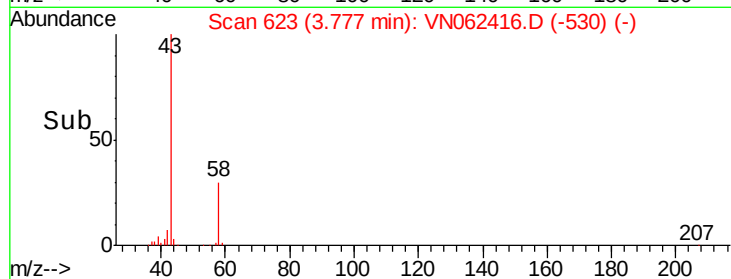
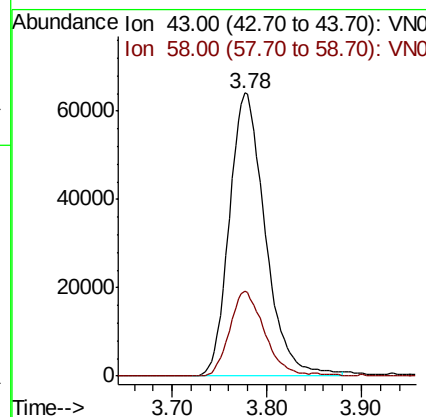
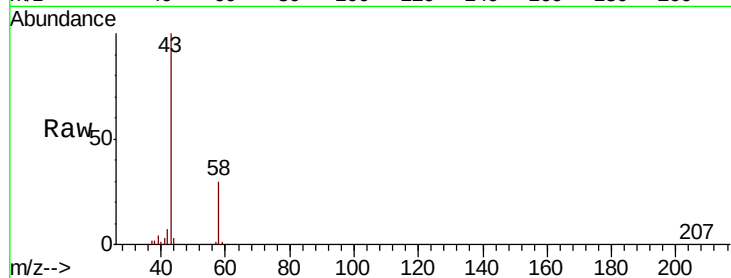




#16
Acetone
Concen: 149.355 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN062416.D
Acq: 8 Jul 2020 19:03

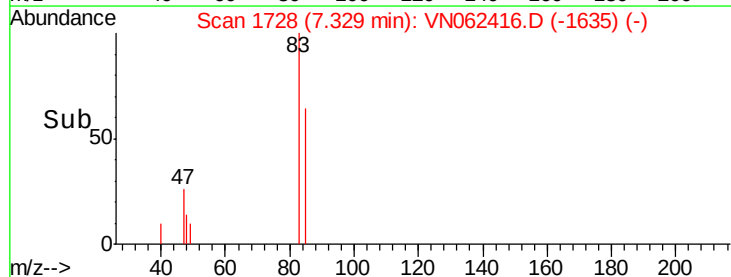
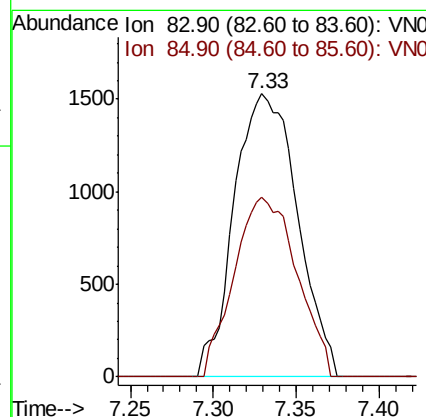
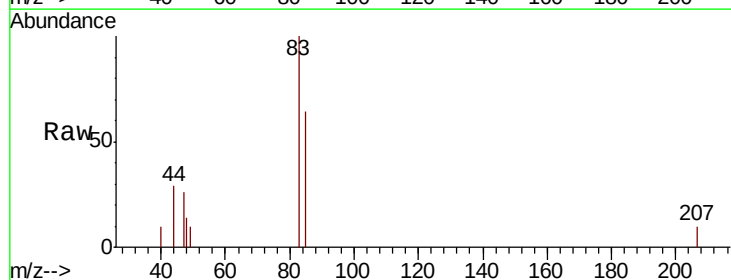
Instrument :
MSVOA_N
ClientSampled :
MW-16D

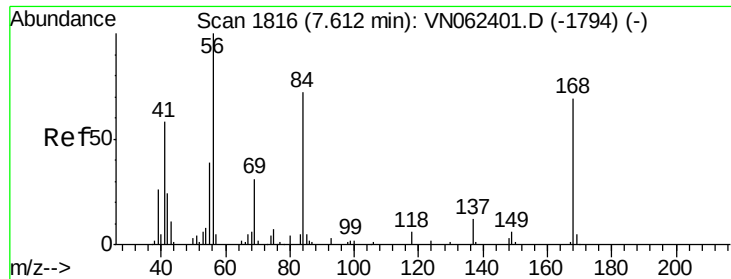
Tot Ion: 43 Resp: 169297
Ion Ratio Lower Upper
43 100
58 30.1 23.5 35.3



#30
Chloroform
Concen: 1.050 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062416.D
Acq: 8 Jul 2020 19:03

Tgt Ion: 83 Resp: 4056
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.6

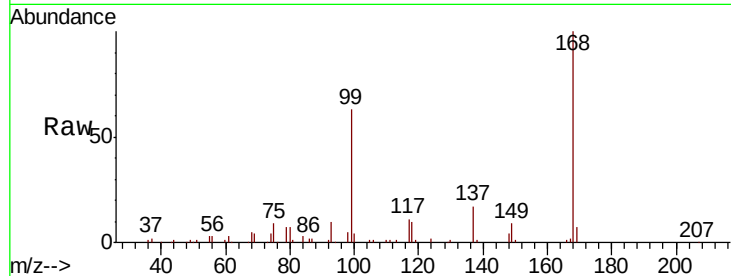




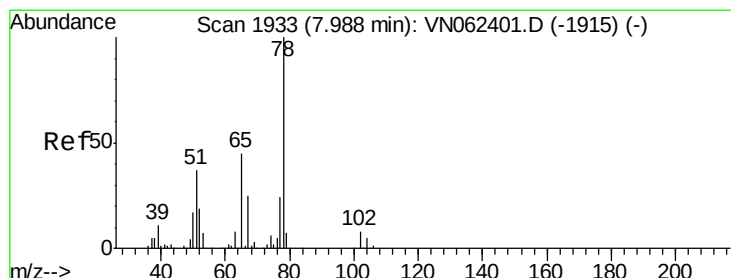
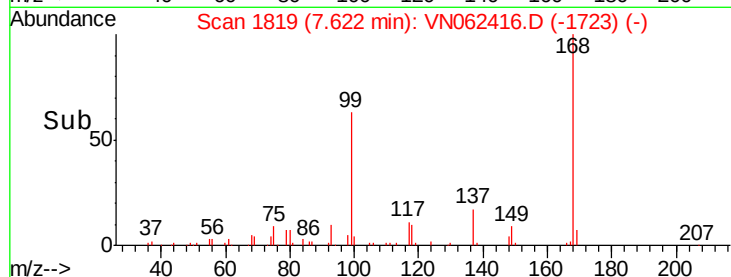
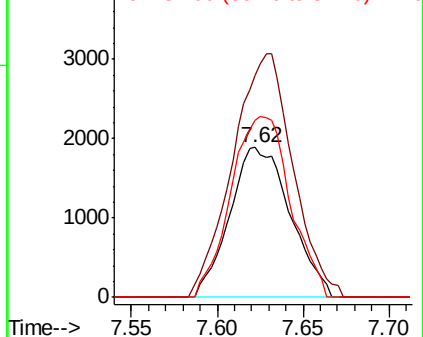
#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062416.D
Acq: 8 Jul 2020 19:03

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tot Ion: 56 Resp: 4612
Ion Ratio Lower Upper
56 100
69 147.8 24.5 36.7#
84 118.0 57.4 86.2#

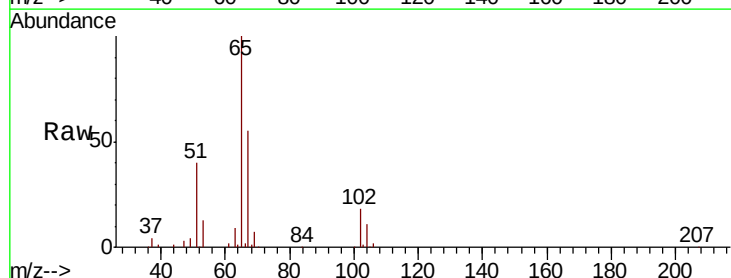


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

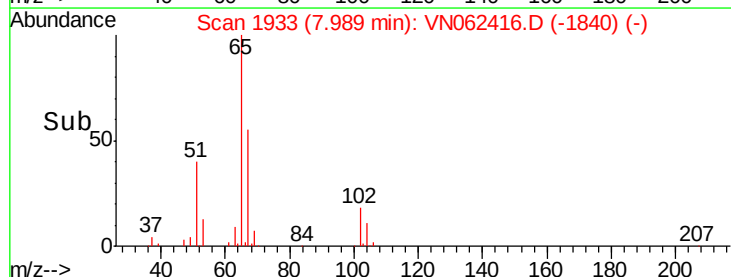
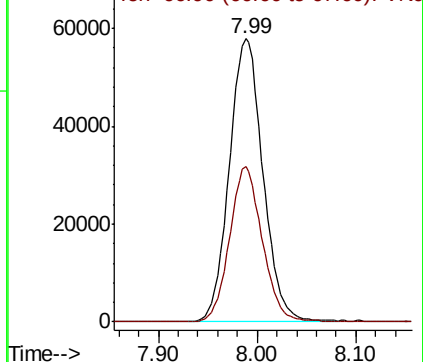


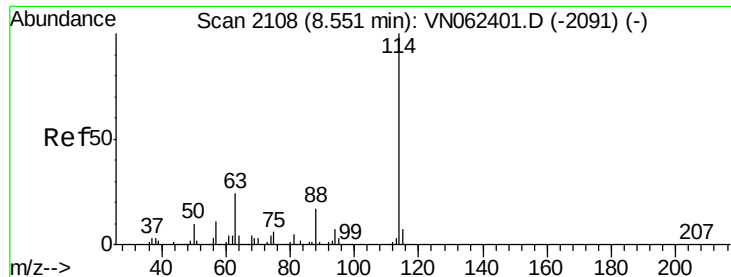
#33
1,2-Dichloroethane-d4
Concen: 51.541 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062416.D
Acq: 8 Jul 2020 19:03

Tgt Ion: 65 Resp: 137609
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.6



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# 2108

Delta R.T. 0.00 min

Lab File: VN062416.D

Acq: 8 Jul 2020 19:03

Instrument :

MSVOA_N

ClientSampleId :

MW-16D

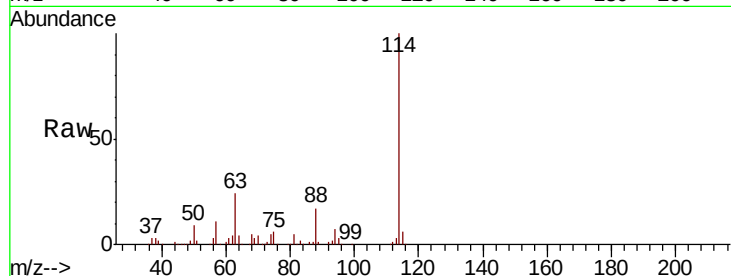
Tot Ion:114 Resp: 317152

Ion Ratio Lower Upper

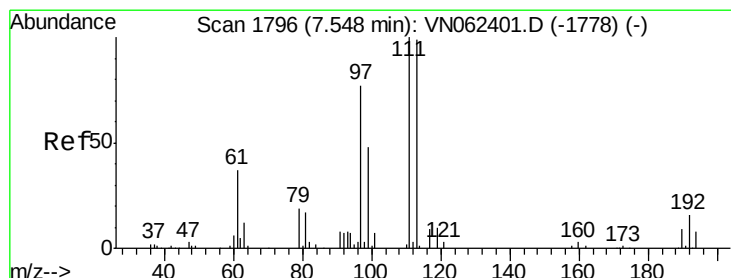
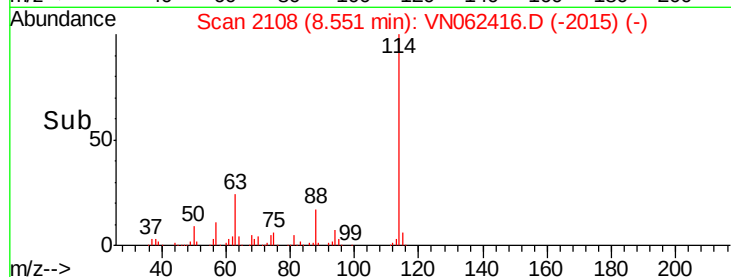
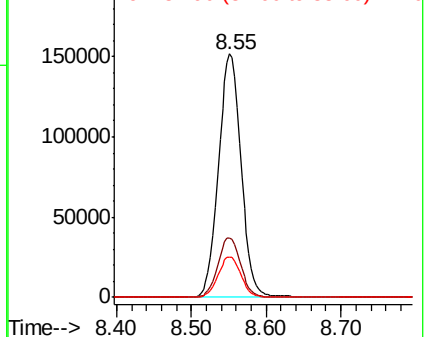
114 100

63 24.5 0.0 48.4

88 16.7 0.0 33.8



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: 51.765 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062416.D

Acq: 8 Jul 2020 19:03

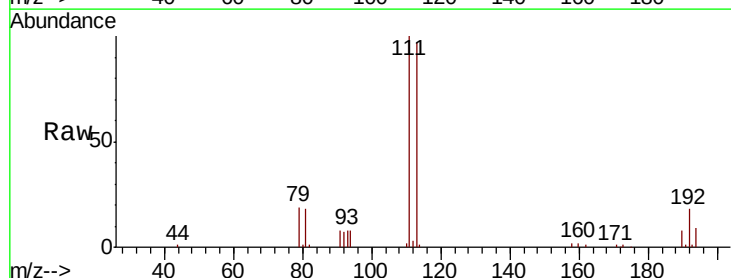
Tgt Ion:113 Resp: 101481

Ion Ratio Lower Upper

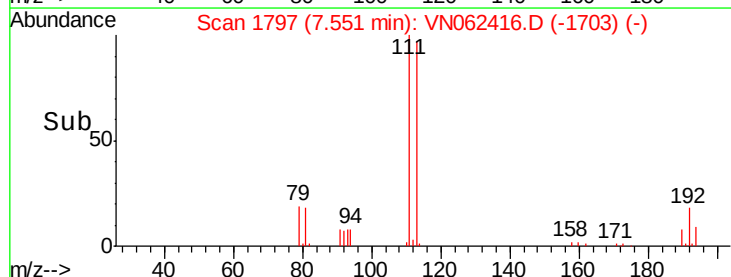
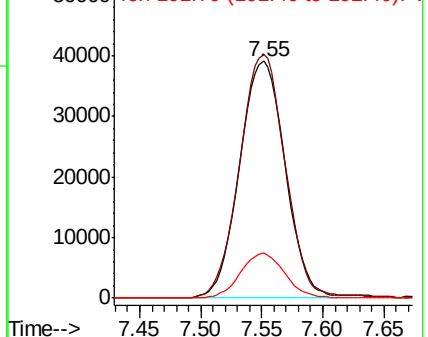
113 100

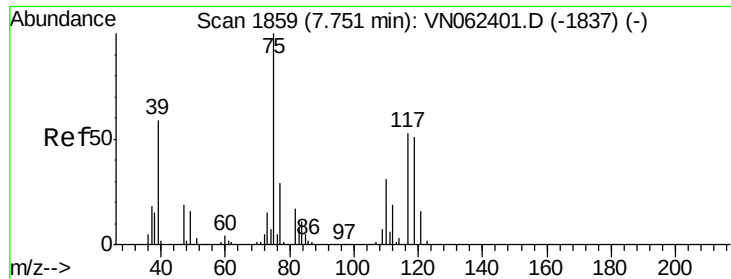
111 103.1 83.1 124.7

192 18.3 14.1 21.1



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

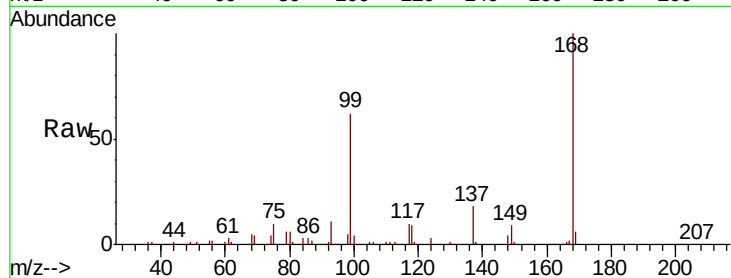




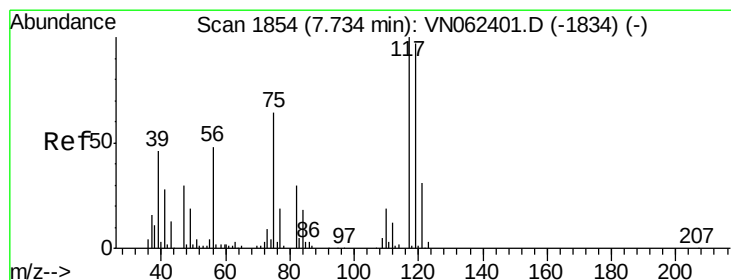
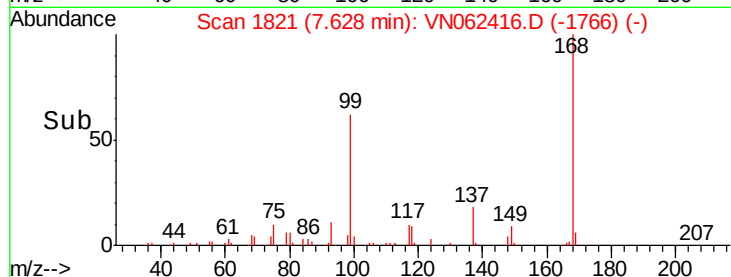
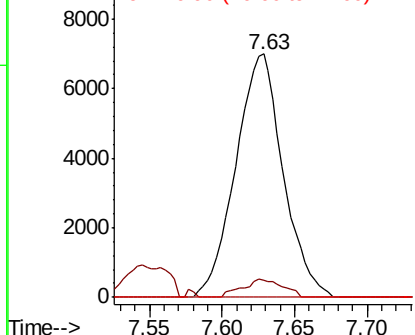
#36
 1,1-Dichloropropene
 Concen: 4.969 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN062416.D
 Acq: 8 Jul 2020 19:03

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16D

Tot Ion: 75 Resp: 15877
 Ion Ratio Lower Upper
 75 100
 110 6.3 15.4 46.2#
 77 0.0 24.1 36.1#

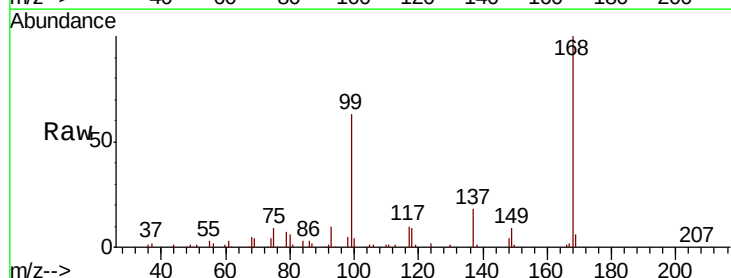


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

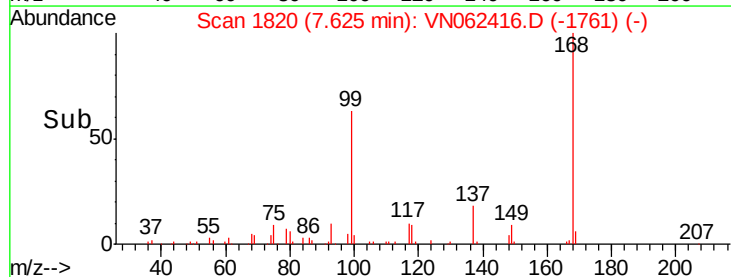
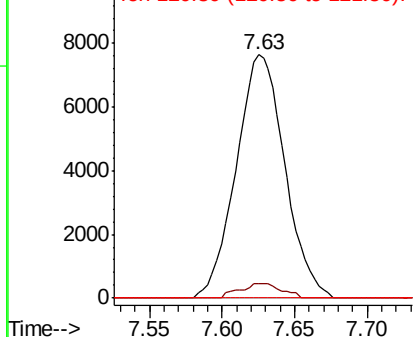


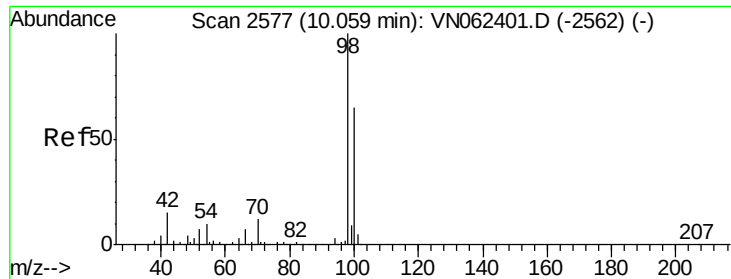
#38
 Carbon Tetrachloride
 Concen: 6.194 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062416.D
 Acq: 8 Jul 2020 19:03

Tgt Ion: 117 Resp: 17792
 Ion Ratio Lower Upper
 117 100
 119 6.0 77.2 115.8#
 121 0.0 24.8 37.2#



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

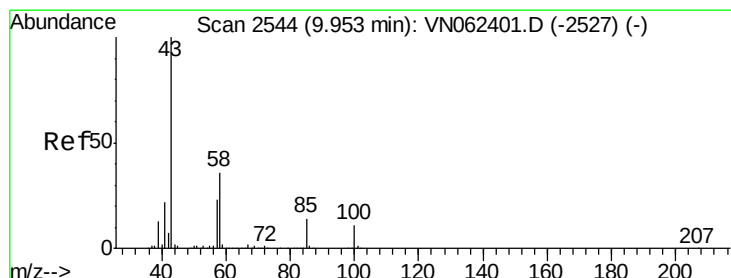
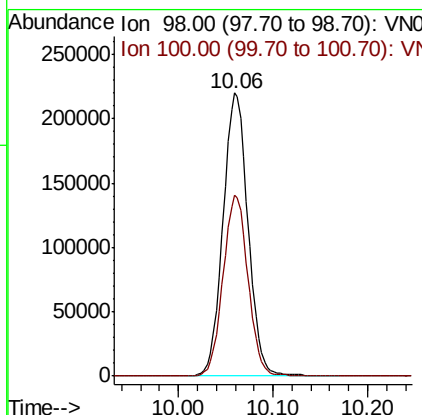
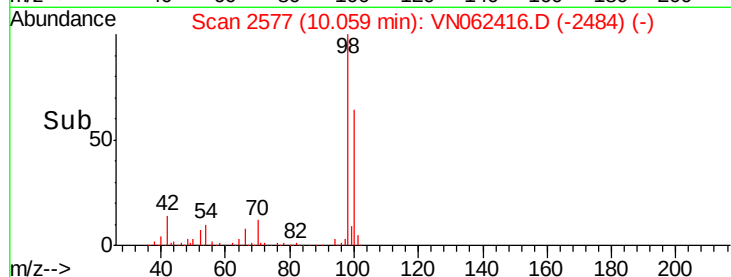
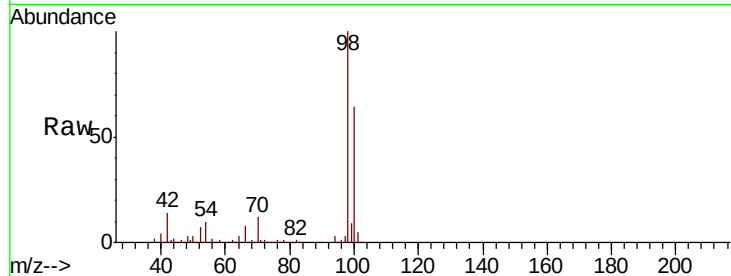




#50
Toluene-d8
Concen: 52.258 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062416.D
Acq: 8 Jul 2020 19:03

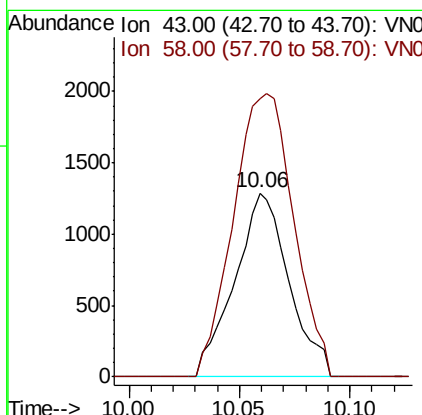
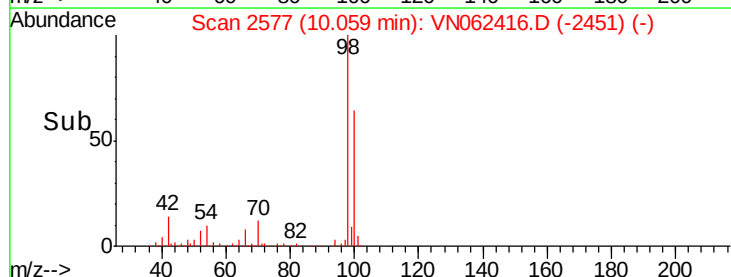
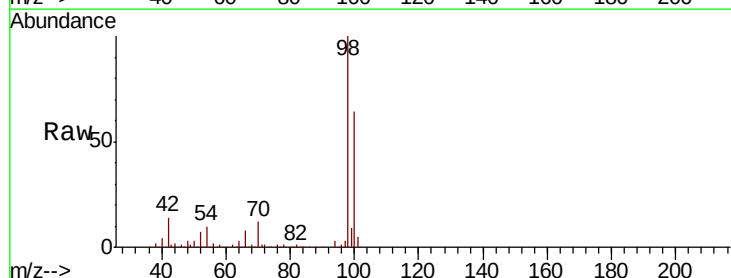
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MSVOA_N
ClientSampleId :
MW-16D

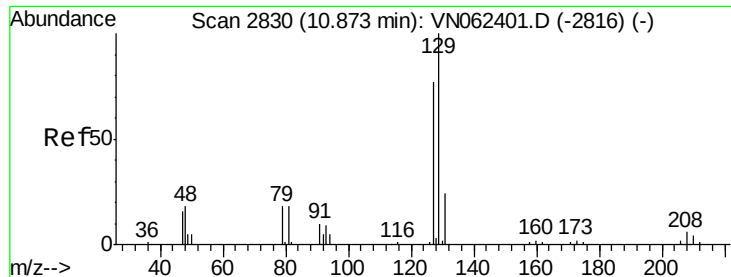
Tot Ion: 98 Resp: 404435
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.622 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.11 min
Lab File: VN062416.D
Acq: 8 Jul 2020 19:03

Tgt Ion: 43 Resp: 2194
Ion Ratio Lower Upper
43 100
58 171.4 29.0 43.6#

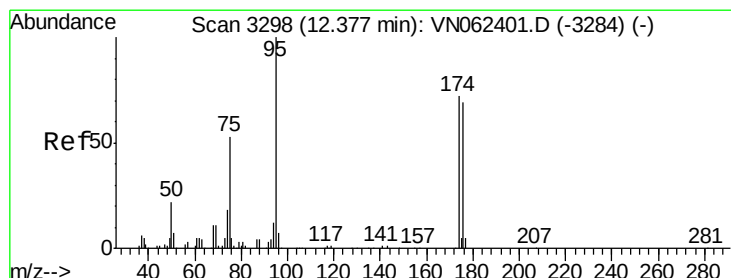
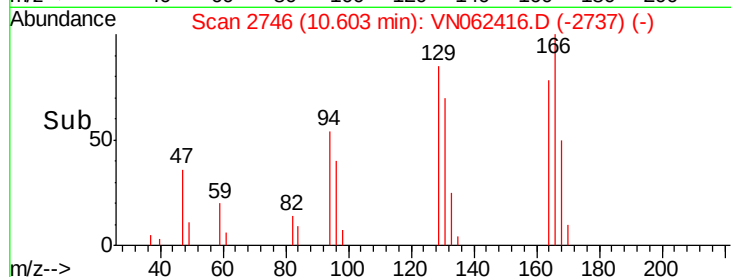
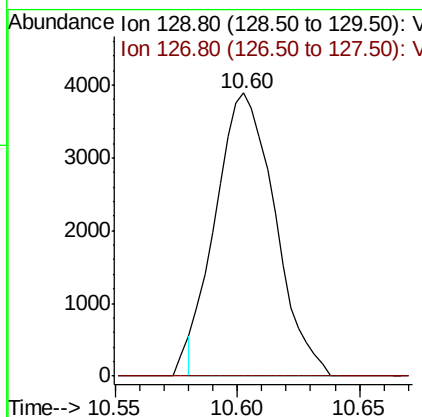
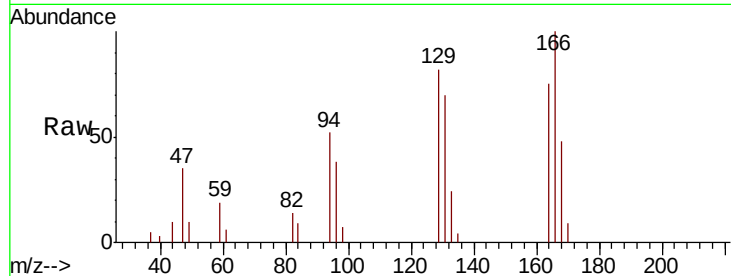




#60
 Dibromochloromethane
 Concen: 2.828 ug/l
 RT: 10.60 min Scan# 2746
 Delta R.T. -0.27 min
 Lab File: VN062416.D
 Acq: 8 Jul 2020 19:03

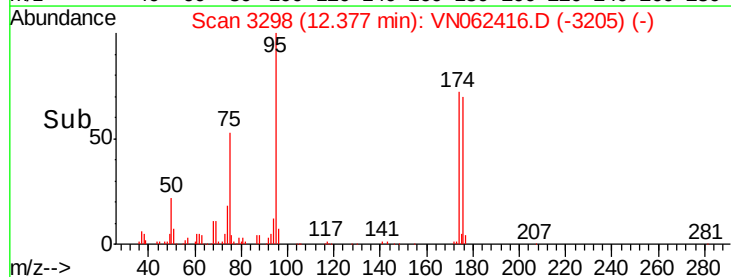
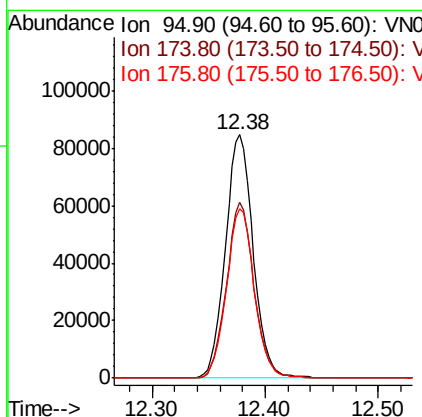
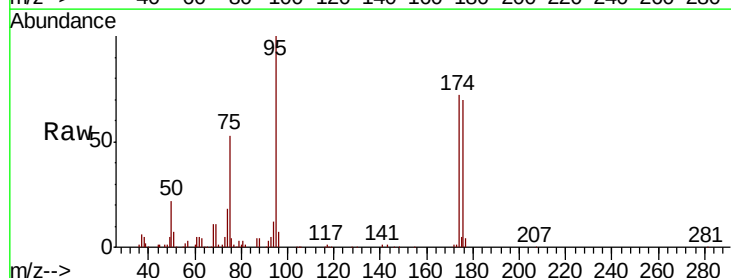
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16D

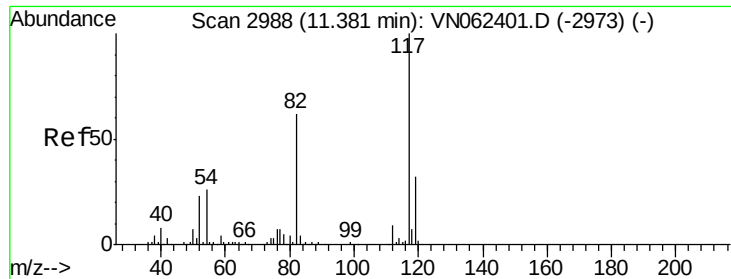
Tot Ion:129 Resp: 6561
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 115.8#



#62
 4-Bromofluorobenzene
 Concen: 51.147 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062416.D
 Acq: 8 Jul 2020 19:03

Tgt Ion: 95 Resp: 144650
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 141.6
 176 69.8 0.0 137.2

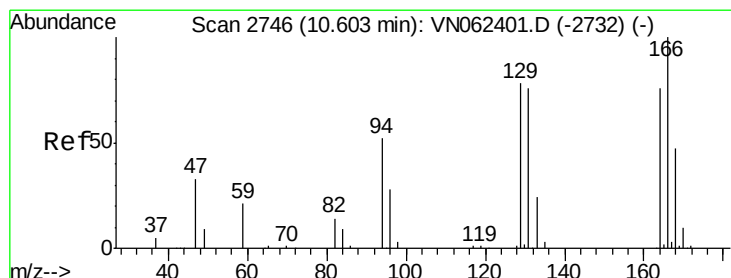
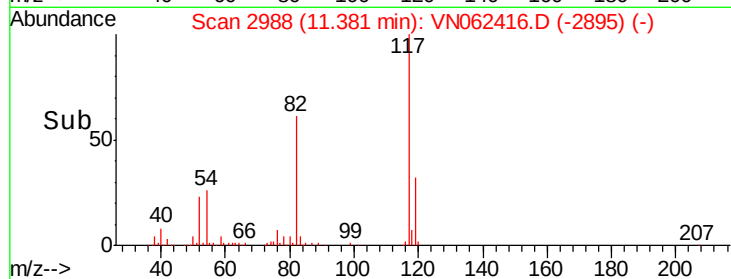
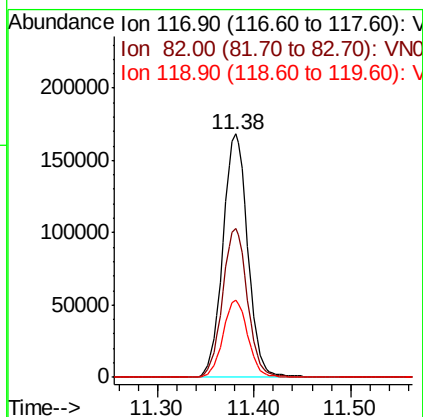
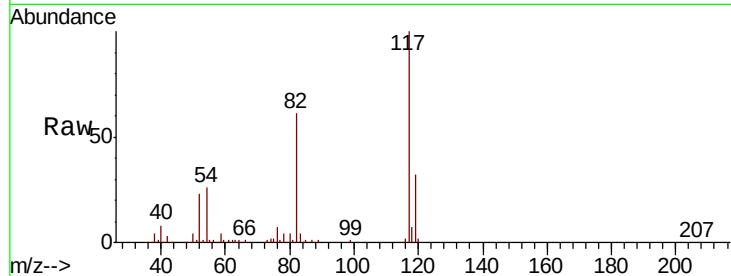




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062416.D
Acq: 8 Jul 2020 19:03

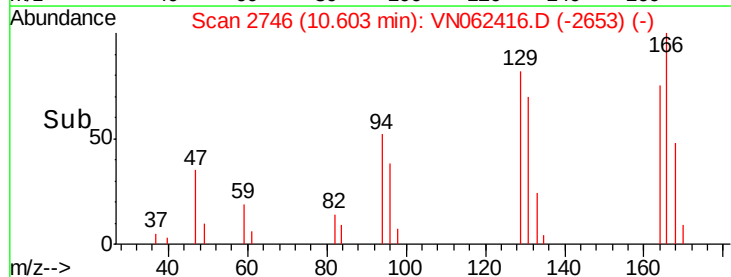
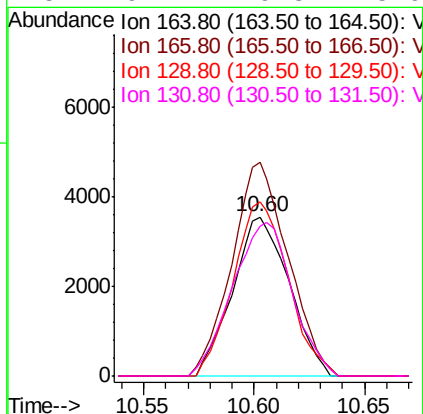
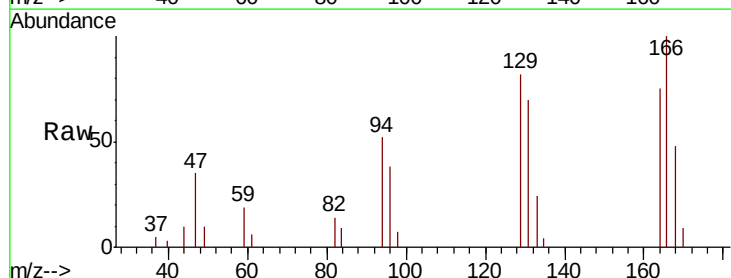
Instrument :
MSVOA_N
ClientSampleId :
MW-16D

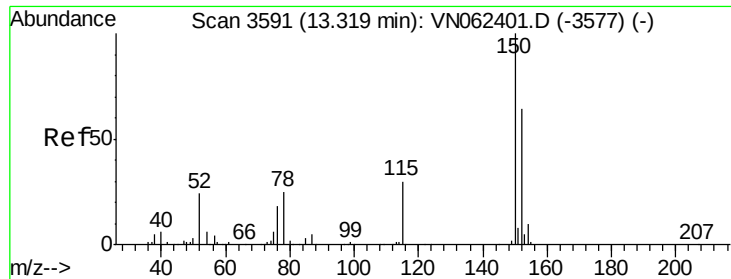
Tot Ion:117 Resp: 300621
Ion Ratio Lower Upper
117 100
82 61.4 49.6 74.4
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 3.531 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062416.D
Acq: 8 Jul 2020 19:03

Tgt Ion:164 Resp: 6299
Ion Ratio Lower Upper
164 100
166 134.2 104.9 157.3
129 109.5 81.8 122.6
131 94.4 79.3 118.9

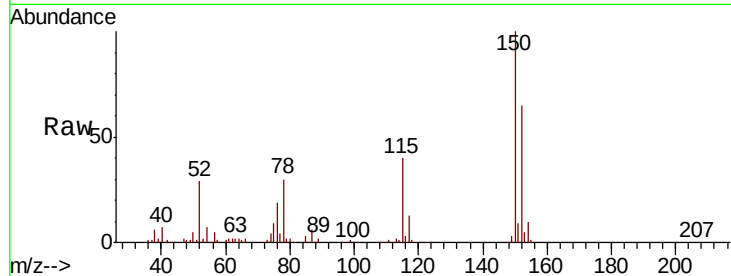




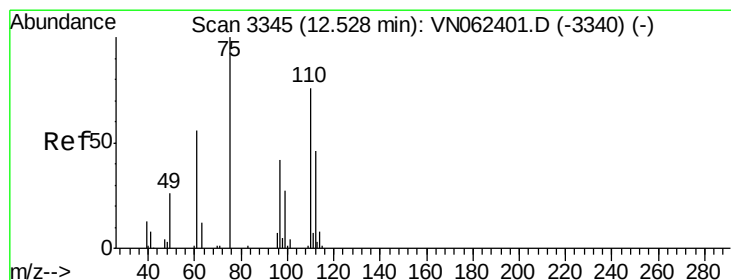
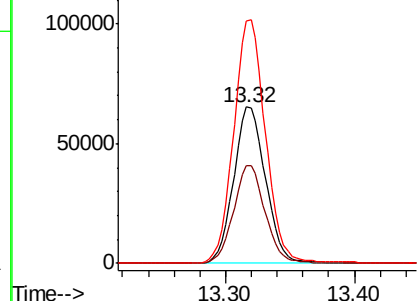
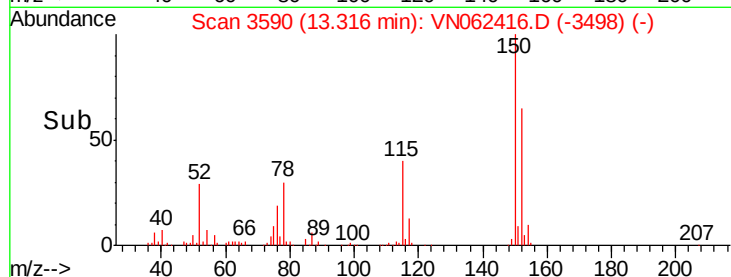
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3590
 Delta R.T. -0.00 min
 Lab File: VN062416.D
 Acq: 8 Jul 2020 19:03

Instrument :
 MSVOA_N
 ClientSampled :
 MW-16D

Tot Ion:152 Resp: 112032
 Ion Ratio Lower Upper
 152 100
 115 62.1 31.4 94.2
 150 155.7 0.0 347.4

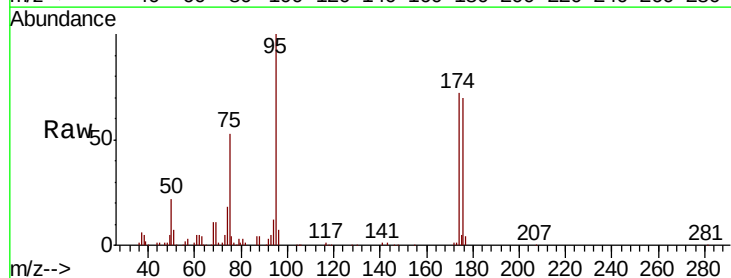


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

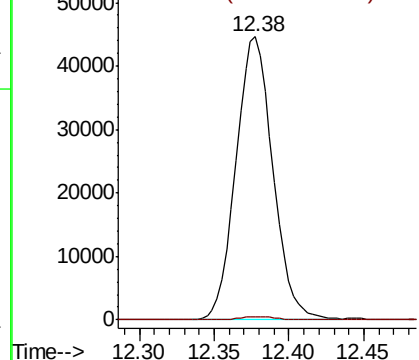
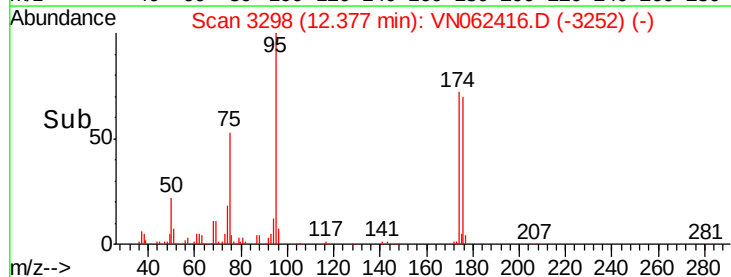


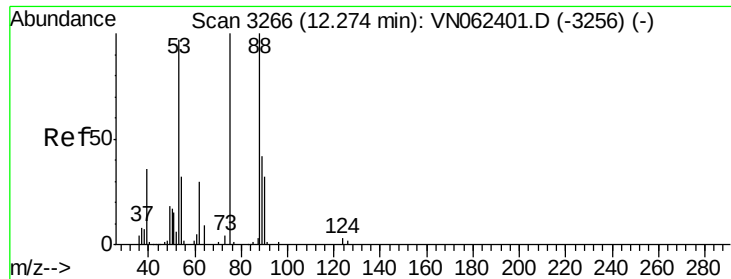
#76
 1,2,3-Trichloropropane
 Concen: 27.923 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062416.D
 Acq: 8 Jul 2020 19:03

Tgt Ion: 75 Resp: 76756
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 74.737 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062416.D

Acq: 8 Jul 2020 19:03

Instrument :

MSVOA_N

ClientSampleId :

MW-16D

Tot Ion: 75 Resp: 76756

Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

89 0.0 34.6 52.0#

