

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072920\
 Data File : VN062645.D
 Acq On : 29 Jul 2020 11:11
 Operator : JC/MD
 Sample : VN0729WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 30 02:56:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	146915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	255606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	255562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89849	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	122267	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
35) Dibromofluoromethane	7.55	113	87120	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
50) Toluene-d8	10.06	98	335763	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.38	95	120729	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	

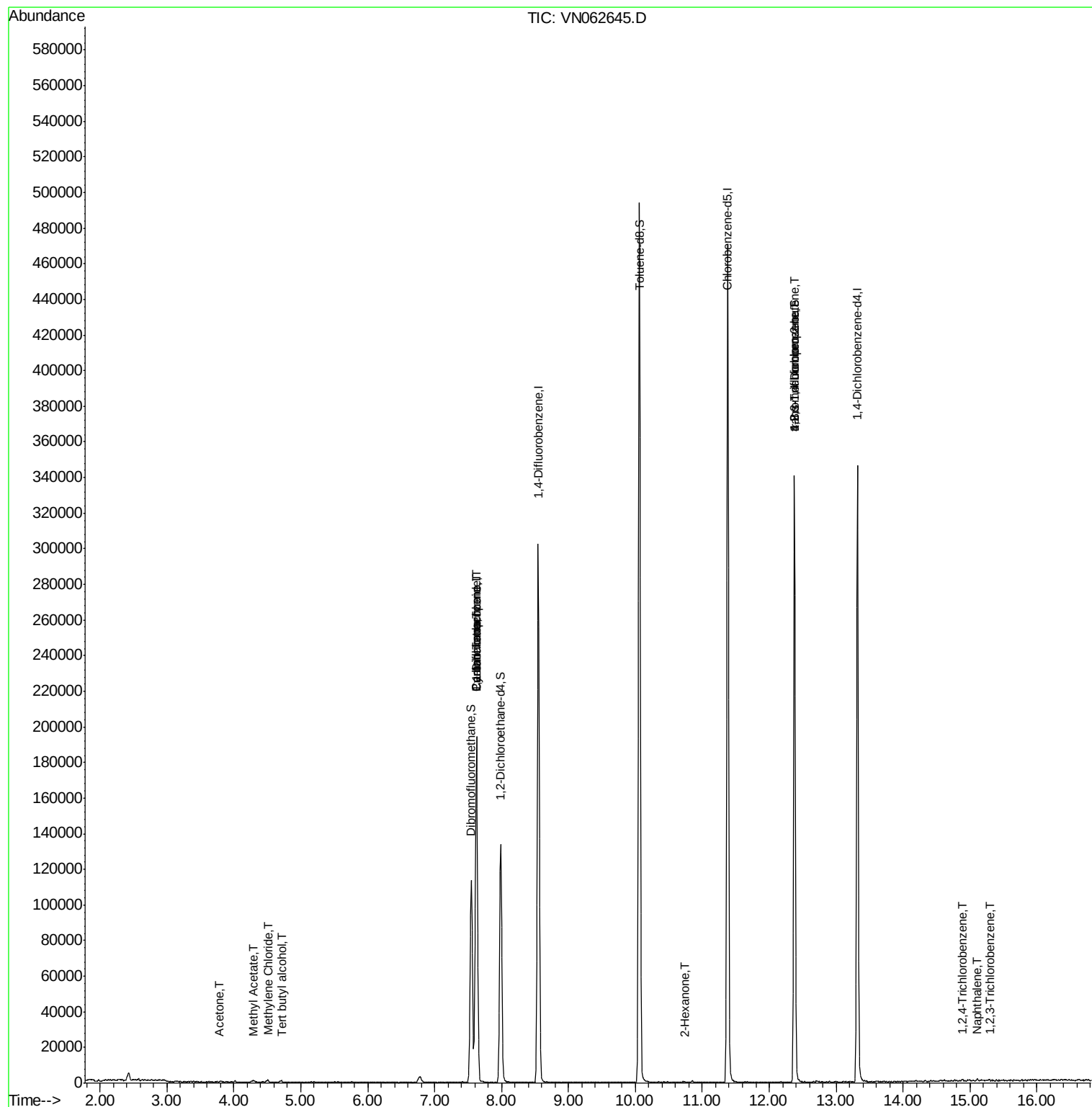
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.71	59	266	0.733	ug/l #	73
16) Acetone	3.79	43	729	0.849	ug/l #	44
18) Methyl Acetate	4.29	43	2270	1.044	ug/l #	58
20) Methylene Chloride	4.51	84	760	0.369	ug/l #	56
31) Cyclohexane	7.62	56	3603	1.071	ug/l #	5
36) 1,1-Dichloropropene	7.62	75	13135	4.821	ug/l #	51
38) Carbon Tetrachloride	7.63	117	15185	5.798	ug/l #	18
59) 2-Hexanone	10.73	43	331	3.108	ug/l #	26
76) 1,2,3-Trichloropropane	12.38	75	64948	28.399	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	64948	79.056	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.89	180	410	3.359	ug/l #	49
95) Naphthalene	15.11	128	1481	4.104	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.29	180	384	0.284	ug/l #	24

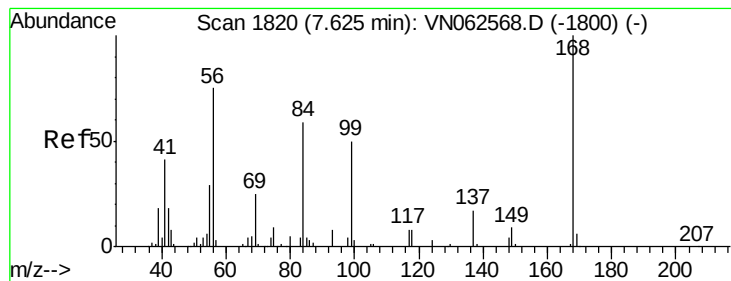
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062645.D

Acq: 29 Jul 2020 11:11

Instrument :

MSVOA_N

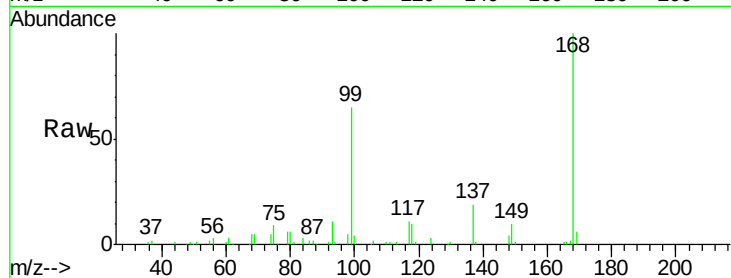
ClientSampled :

Tot Ion:168 Resp: 146915

Ion Ratio Lower Upper

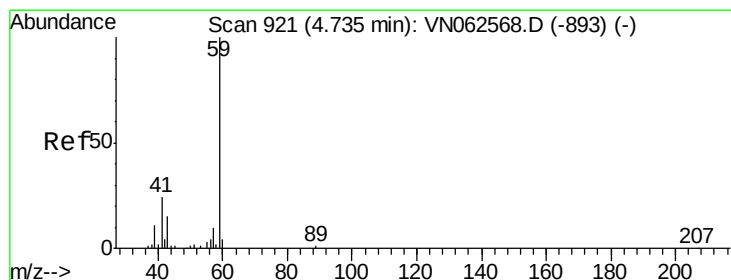
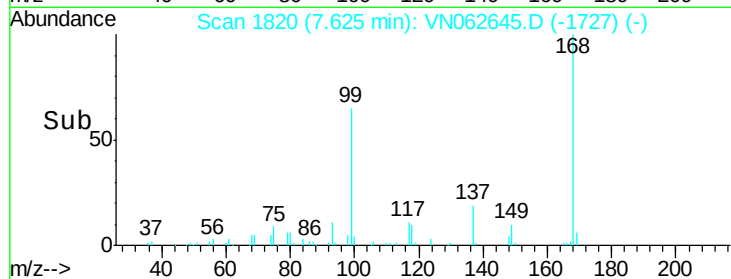
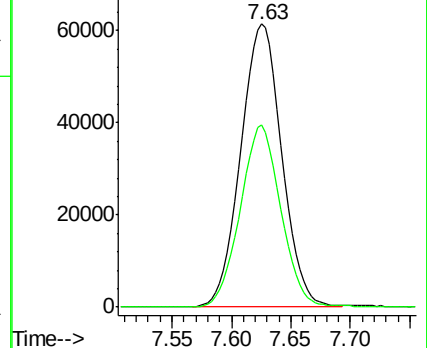
168 100

99 64.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.733 ug/l

RT: 4.71 min Scan# 913

Delta R.T. -0.03 min

Lab File: VN062645.D

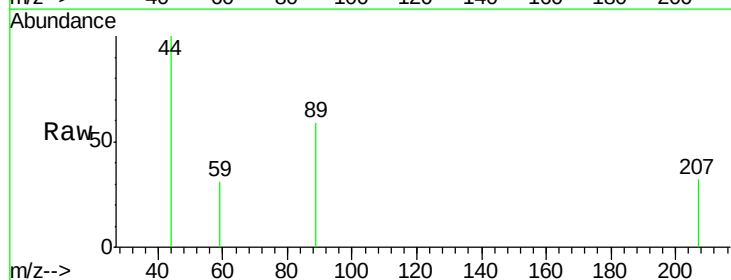
Acq: 29 Jul 2020 11:11

Tgt Ion: 59 Resp: 266

Ion Ratio Lower Upper

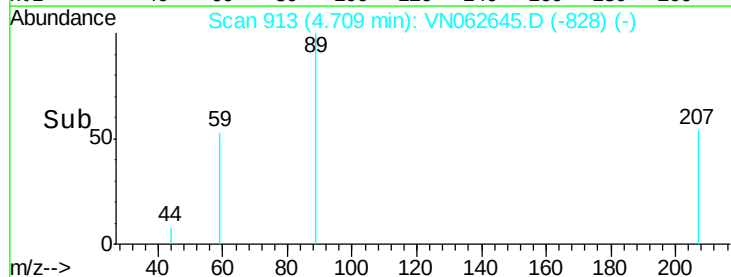
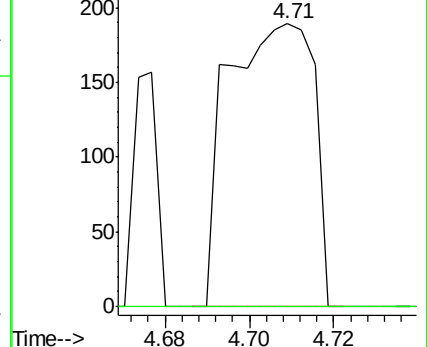
59 100

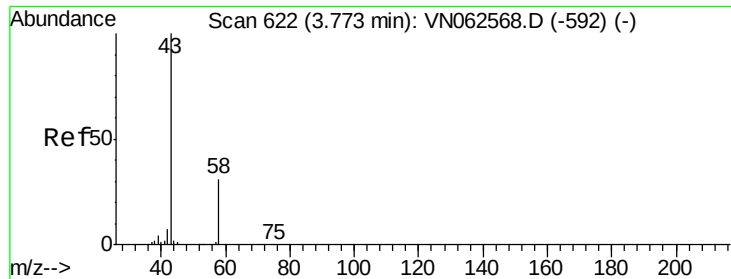
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

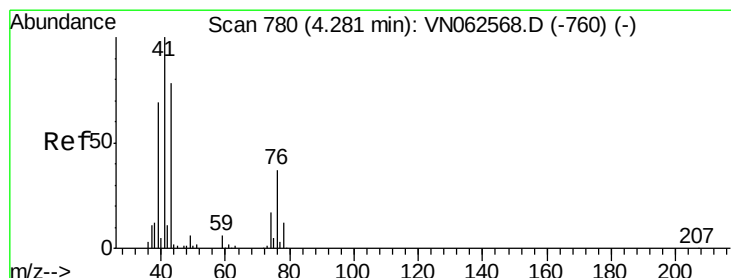
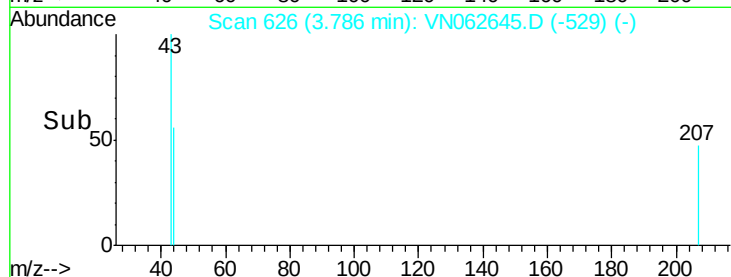
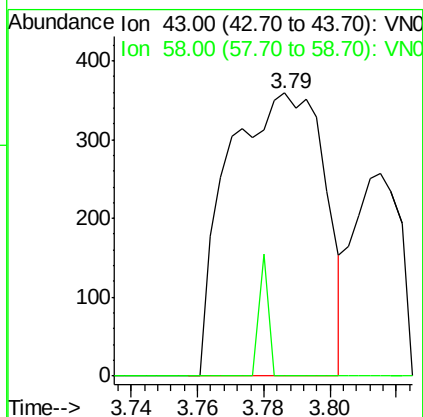
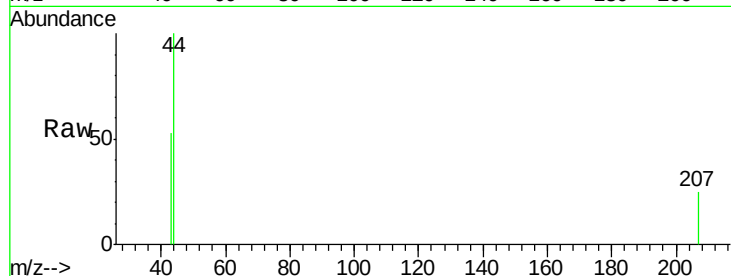




#16
Acetone
Concen: 0.849 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN062645.D
Acq: 29 Jul 2020 11:11

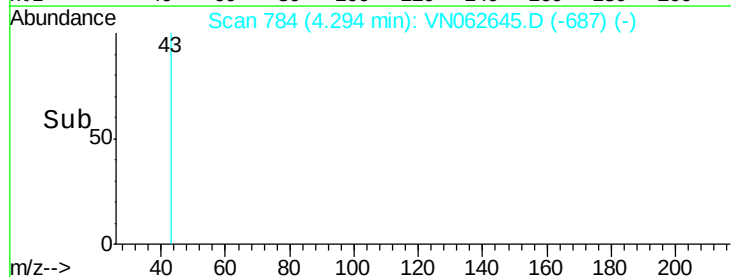
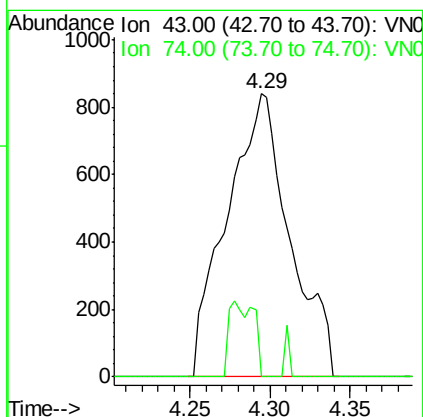
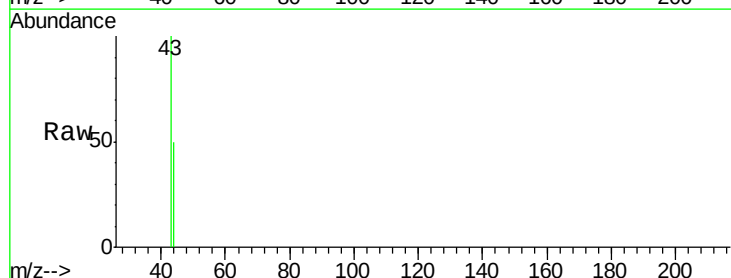
Instrument :
MSVOA_N
ClientSampled :

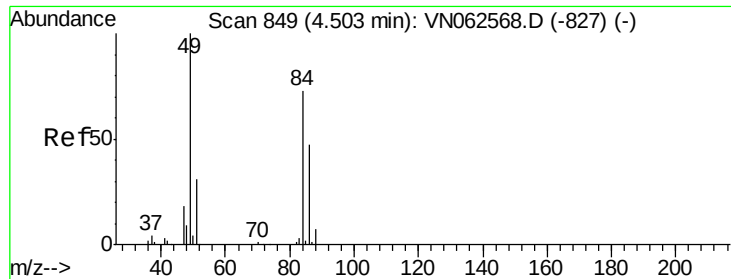
Tot Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#



#18
Methyl Acetate
Concen: 1.044 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN062645.D
Acq: 29 Jul 2020 11:11

Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
74 1.3 16.6 24.8#

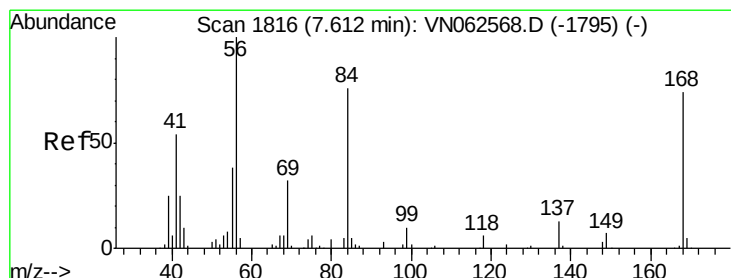
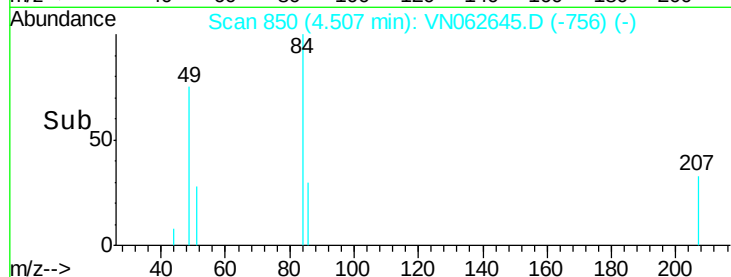
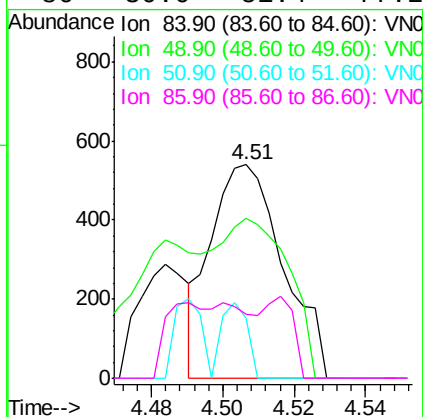
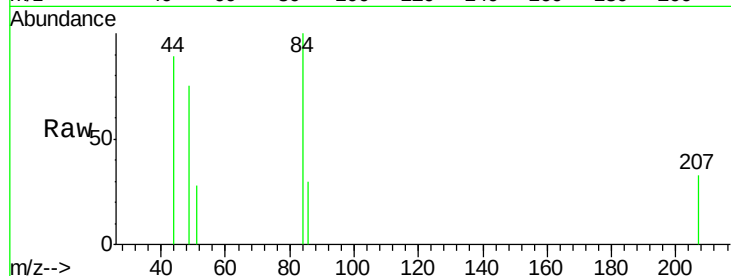




#20
Methvlene Chloride
Concen: 0.369 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN062645.D
Acq: 29 Jul 2020 11:11

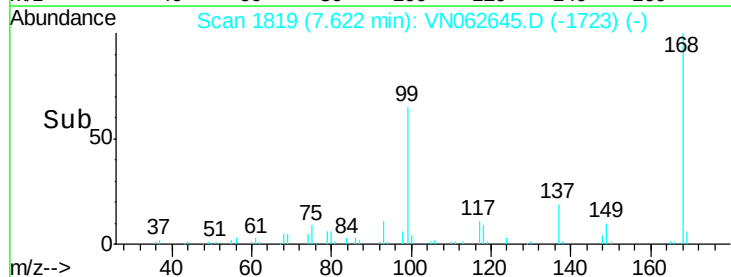
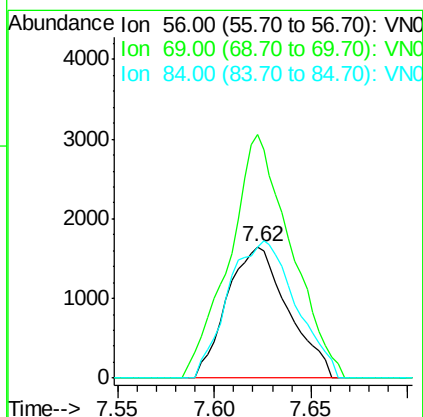
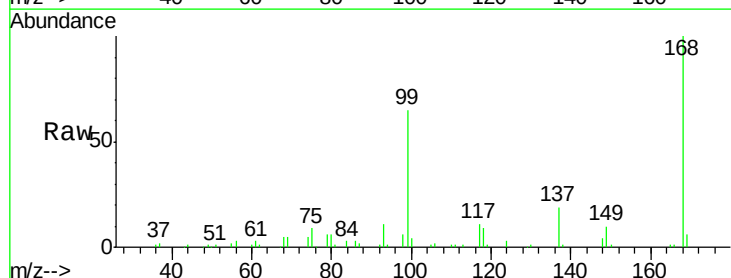
Instrument :
MSVOA_N
ClientSampleId :

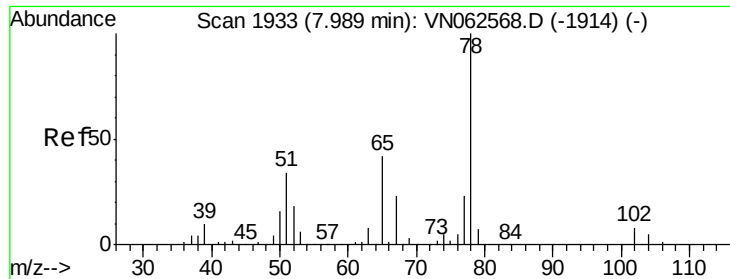
Tot Ion: 84 Resp: 760
Ion Ratio Lower Upper
84 100
49 75.0 109.4 164.0#
51 28.3 33.6 50.4#
86 30.0 51.4 77.2#



#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062645.D
Acq: 29 Jul 2020 11:11

Tgt Ion: 56 Resp: 3603
Ion Ratio Lower Upper
56 100
69 174.7 25.3 37.9#
84 99.6 61.0 91.4#

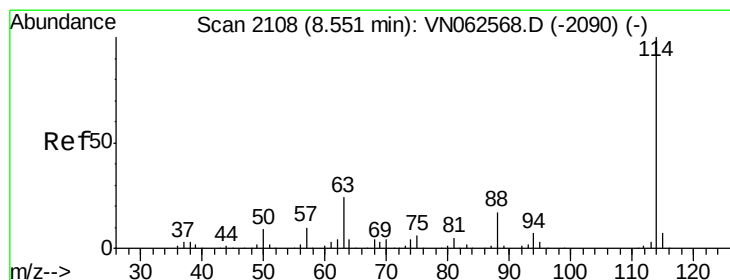
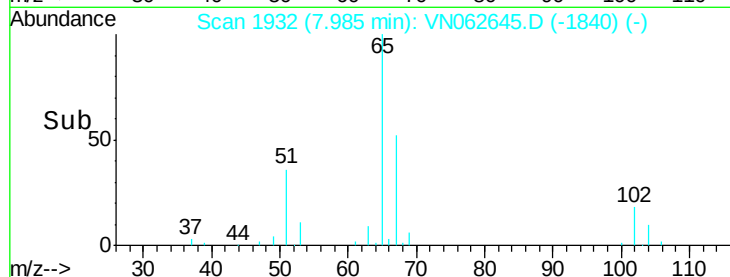
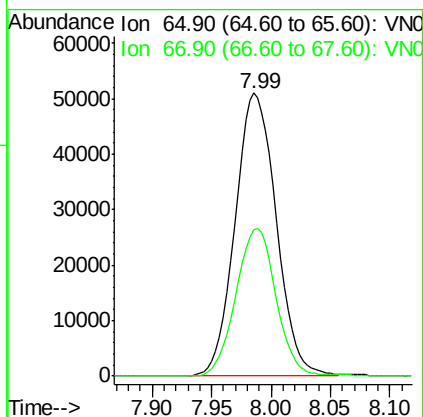
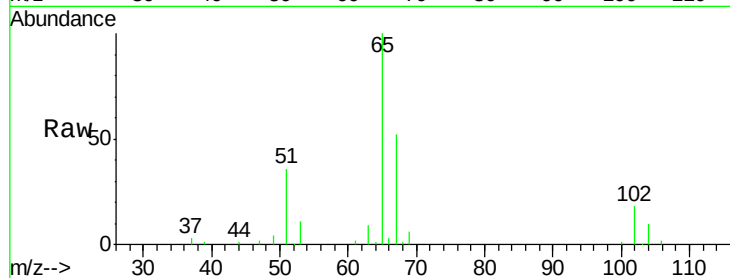




#33
 1,2-Dichloroethane-d4
 Concen: 53.573 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062645.D
 Acq: 29 Jul 2020 11:11

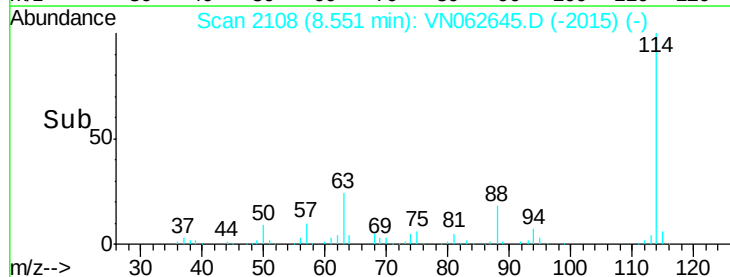
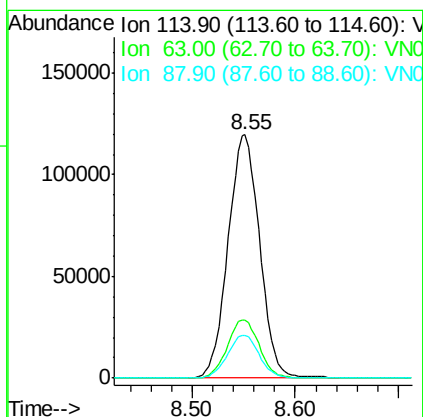
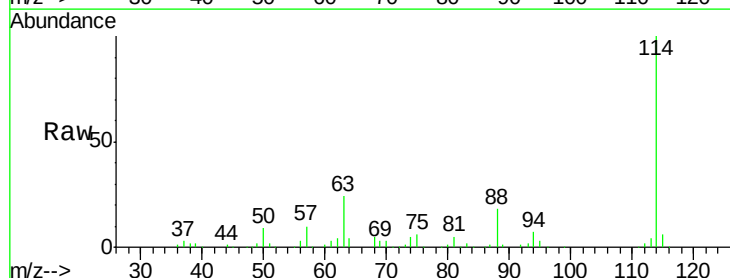
Instrument :
 MSVOA_N
 ClientSampled :

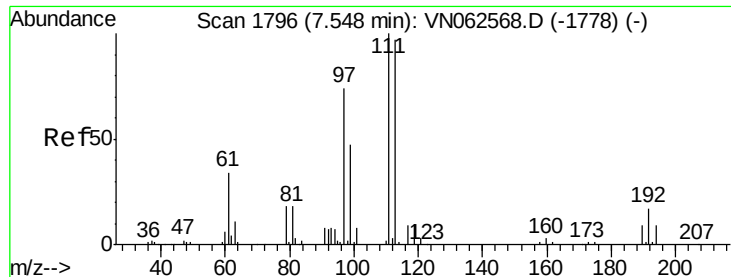
Tot Ion: 65 Resp: 122267
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062645.D
 Acq: 29 Jul 2020 11:11

Tgt Ion: 114 Resp: 255606
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.4
 88 17.6 0.0 33.8

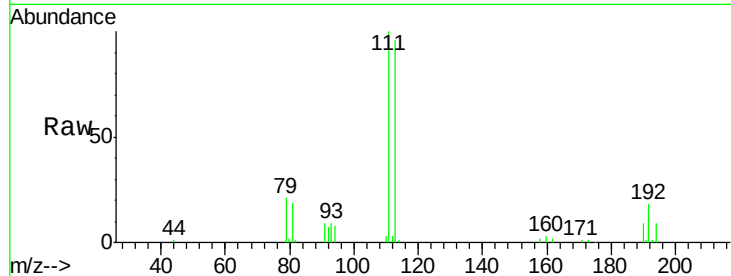




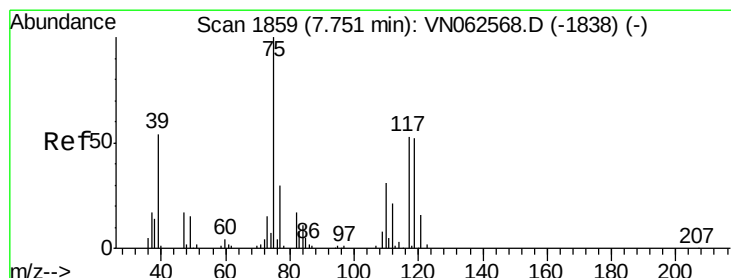
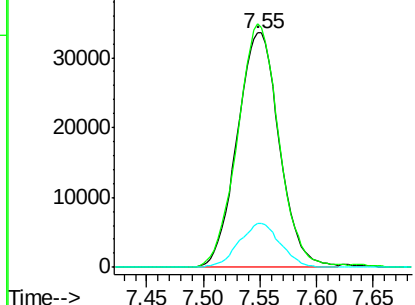
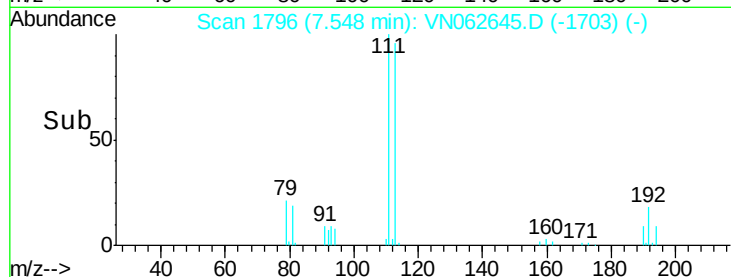
#35
 Dibromofluoromethane
 Concen: 51.889 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062645.D
 Acq: 29 Jul 2020 11:11

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 87120
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.7 124.1
 192 18.3 14.8 22.2

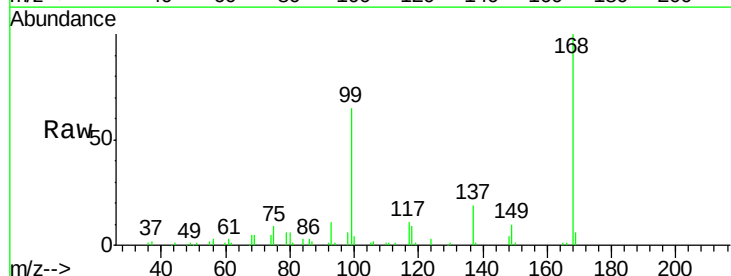


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

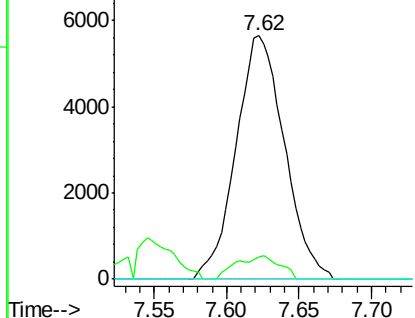
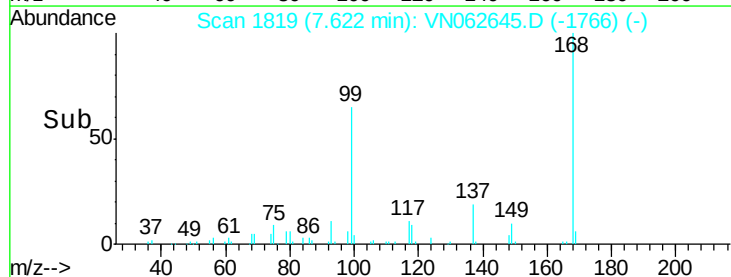


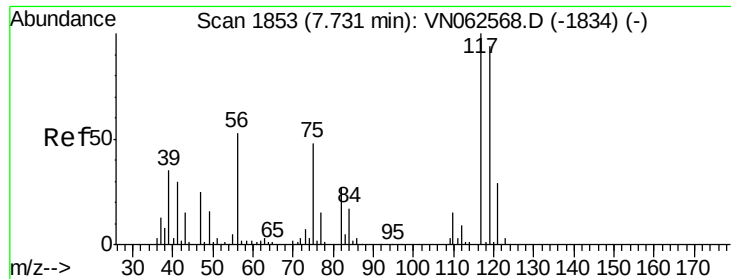
#36
 1,1-Dichloropropene
 Concen: 4.821 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062645.D
 Acq: 29 Jul 2020 11:11

Tgt Ion: 75 Resp: 13135
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.0 48.0#
 77 0.0 24.6 36.8#



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

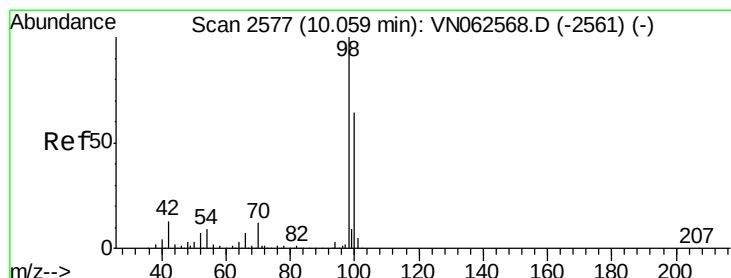
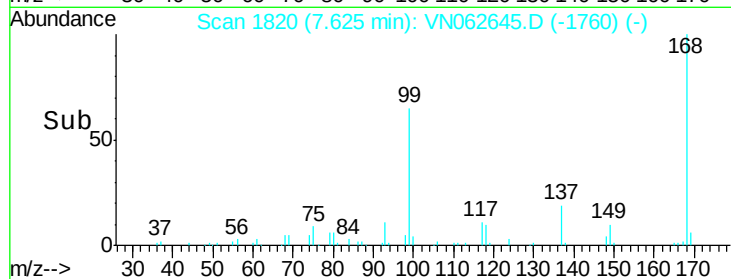
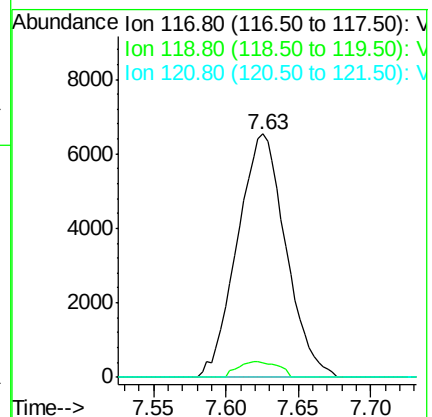
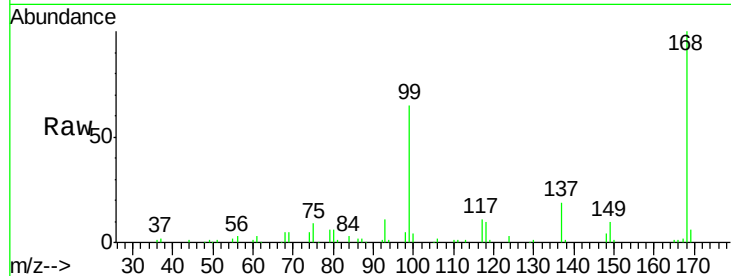




#38
Carbon Tetrachloride
Concen: 5.798 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062645.D
Acq: 29 Jul 2020 11:11

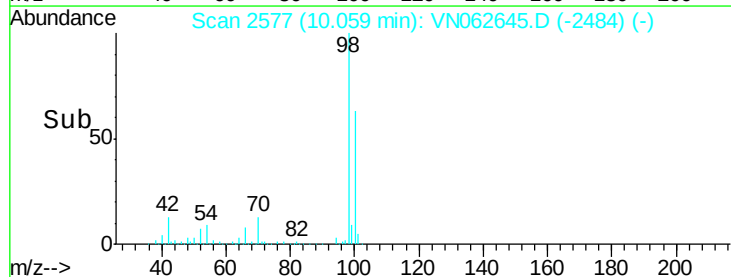
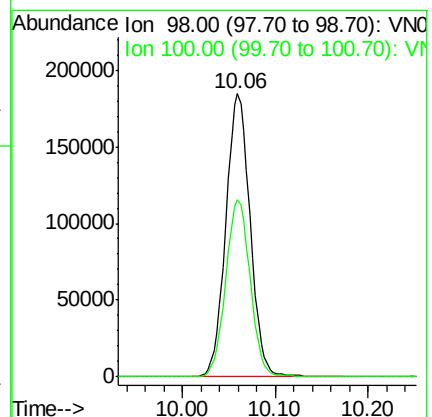
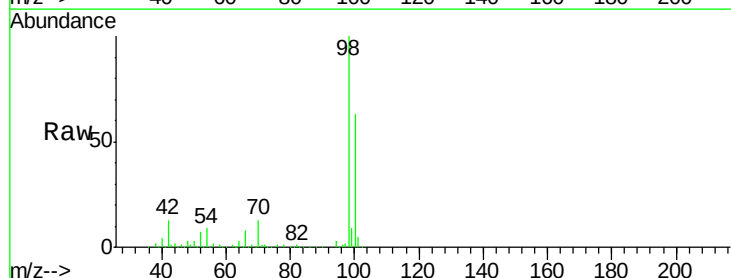
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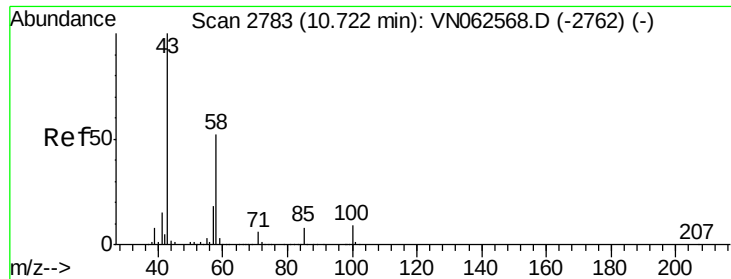
Tot Ion:117 Resp: 15185
Ion Ratio Lower Upper
117 100
119 5.8 74.8 112.2#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 50.122 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062645.D
Acq: 29 Jul 2020 11:11

Tgt Ion: 98 Resp: 335763
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3





#59

2-Hexanone

Concen: 3.108 ug/l

RT: 10.73 min Scan# 2787

Delta R.T. 0.01 min

Lab File: VN062645.D

Acq: 29 Jul 2020 11:11

Instrument :

MSVOA_N

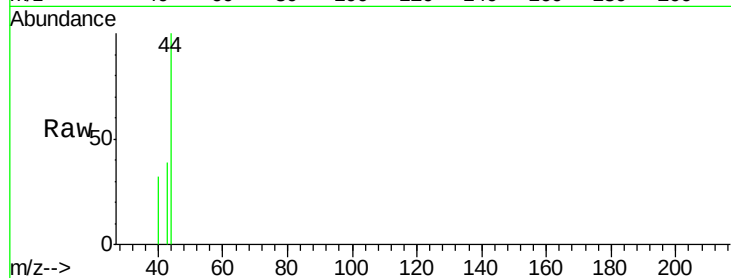
ClientSampleId :

Tot Ion: 43 Resp: 331

Ion Ratio Lower Upper

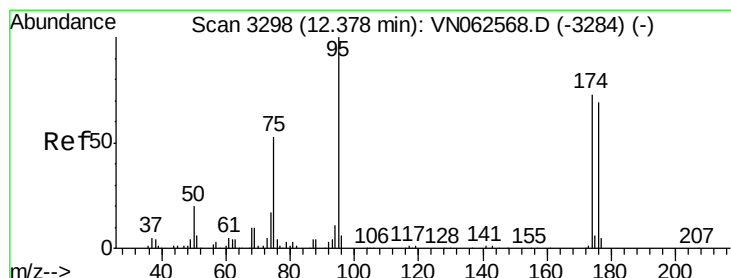
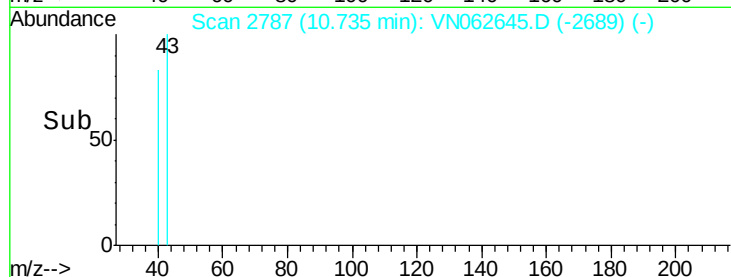
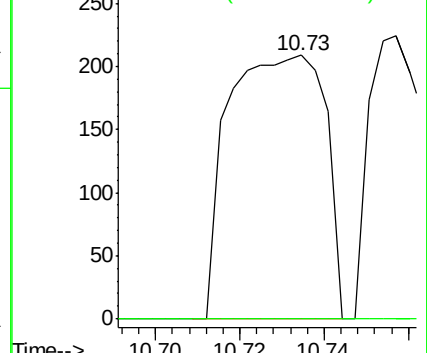
43 100

58 0.0 26.0 78.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 49.289 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062645.D

Acq: 29 Jul 2020 11:11

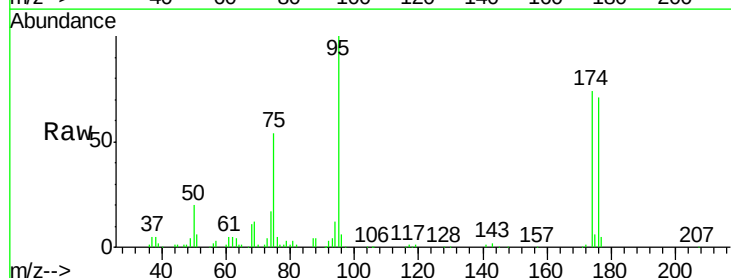
Tgt Ion: 95 Resp: 120729

Ion Ratio Lower Upper

95 100

174 72.9 0.0 144.6

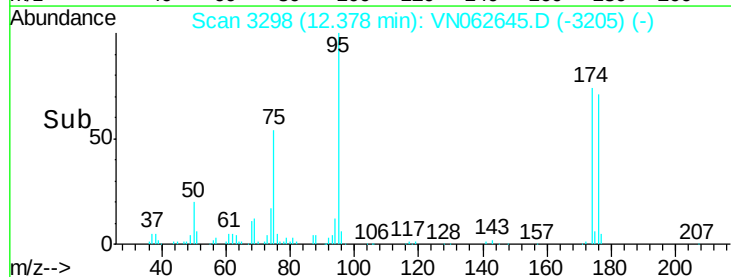
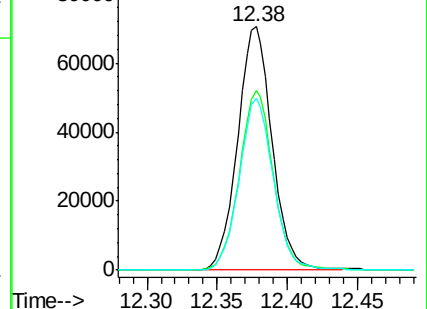
176 70.0 0.0 139.4

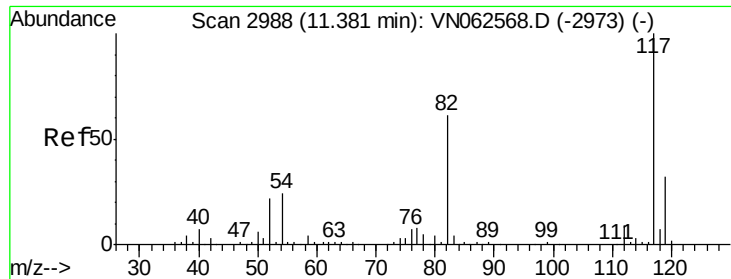


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

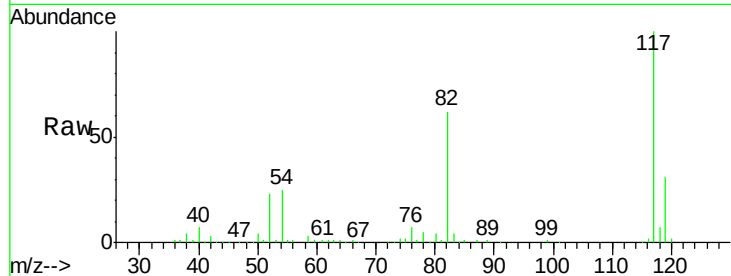




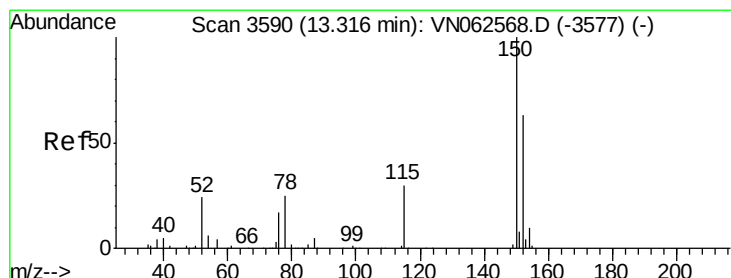
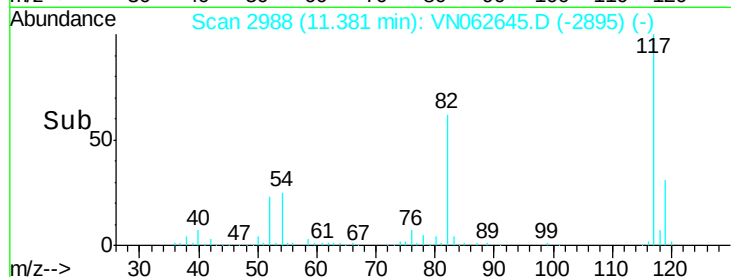
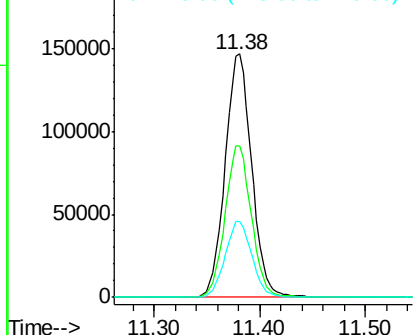
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062645.D
Acq: 29 Jul 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 255562
Ion Ratio Lower Upper
117 100
82 62.2 49.0 73.6
119 31.0 25.4 38.2

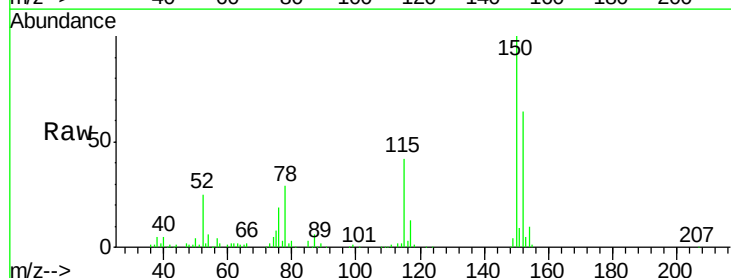


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

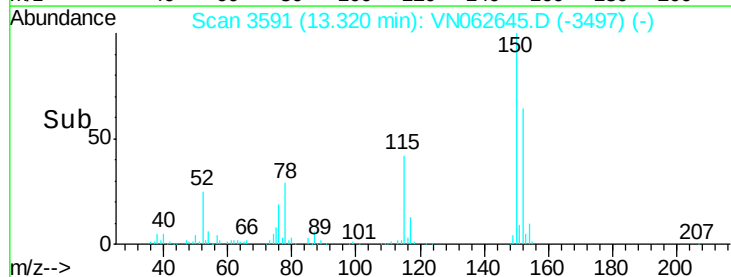
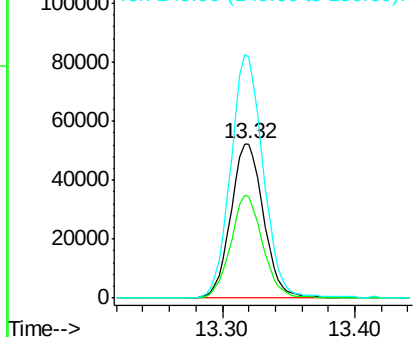


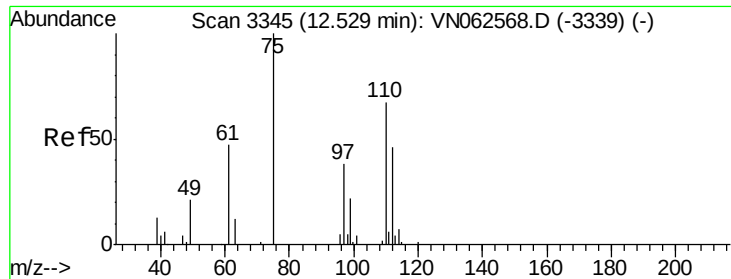
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062645.D
Acq: 29 Jul 2020 11:11

Tgt Ion:152 Resp: 89849
Ion Ratio Lower Upper
152 100
115 64.9 31.8 95.4
150 156.4 0.0 351.4



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

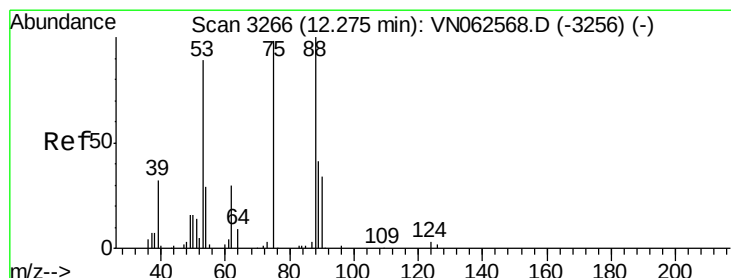
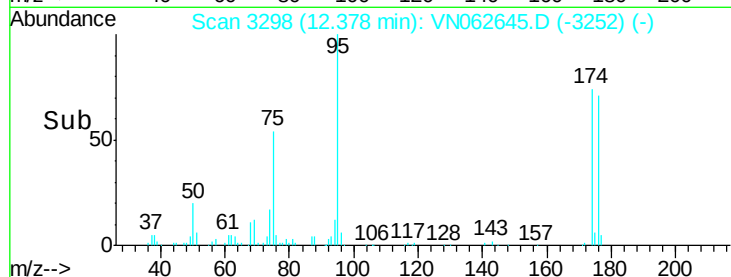
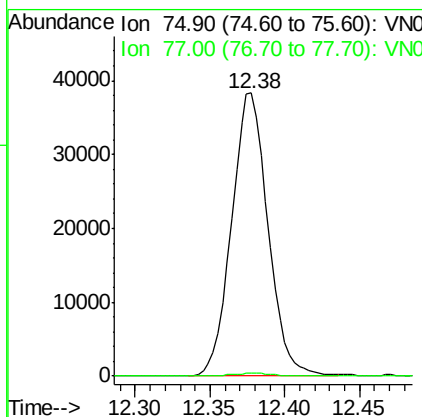
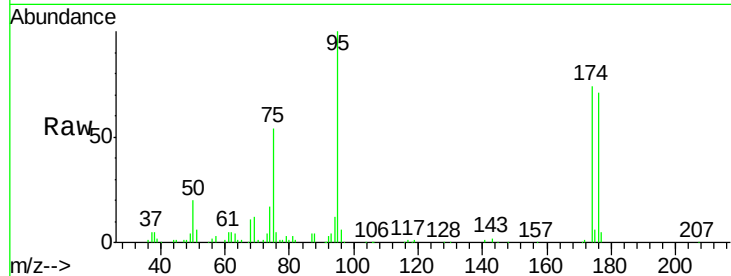




#76
 1,2,3-Trichloropropane
 Concen: 28.399 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062645.D
 Acq: 29 Jul 2020 11:11

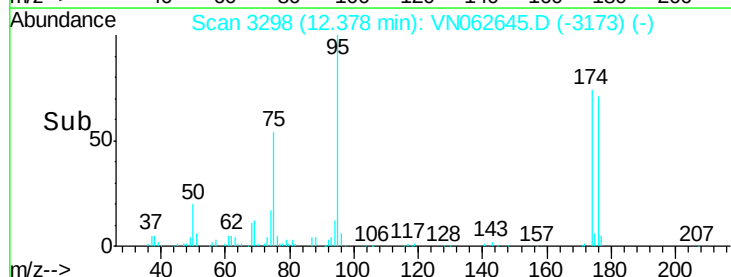
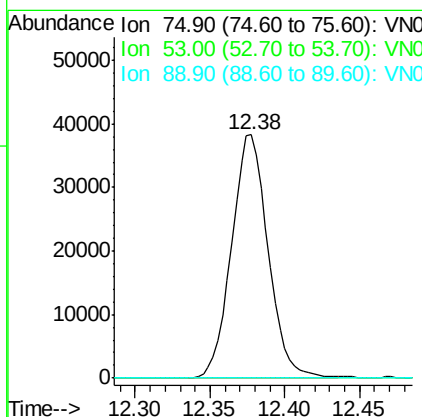
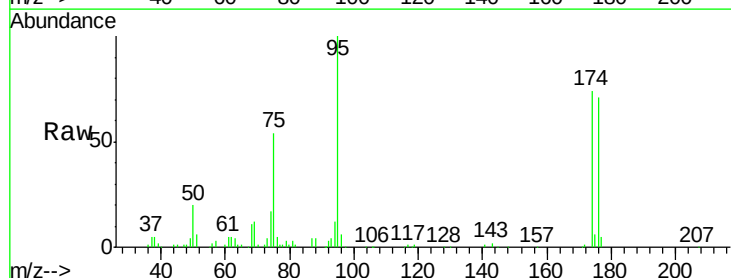
Instrument :
 MSVOA_N
 ClientSampled :

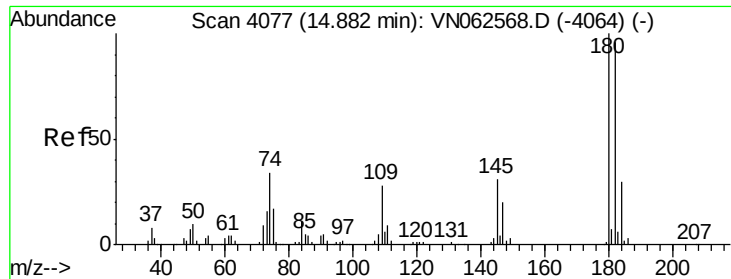
Tot Ion: 75 Resp: 64948
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.056 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062645.D
 Acq: 29 Jul 2020 11:11

Tgt Ion: 75 Resp: 64948
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.0#
 89 0.0 34.5 51.7#

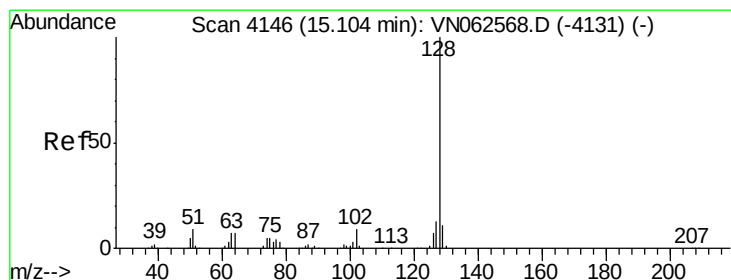
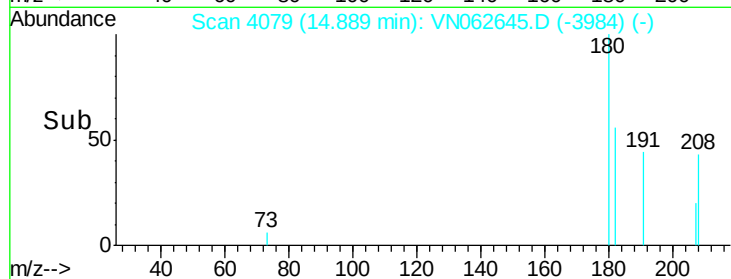
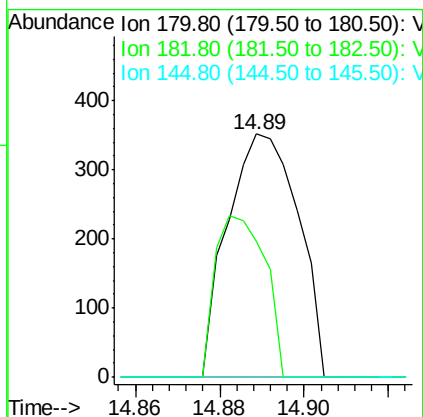
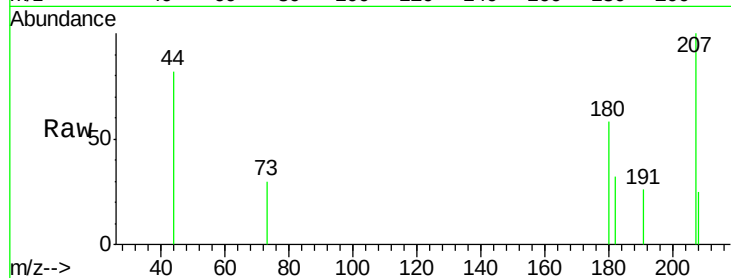




#93
 1,2,4-Trichlorobenzene
 Concen: 3.359 ug/l
 RT: 14.89 min Scan# 4079
 Delta R.T. 0.01 min
 Lab File: VN062645.D
 Acq: 29 Jul 2020 11:11

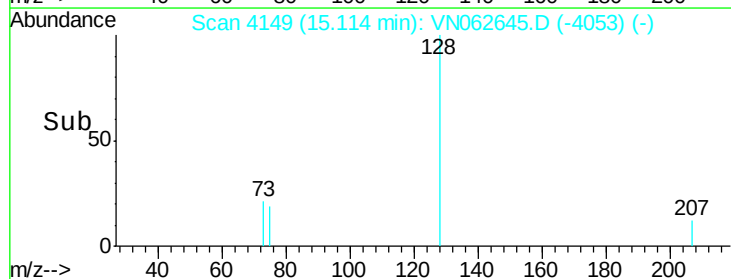
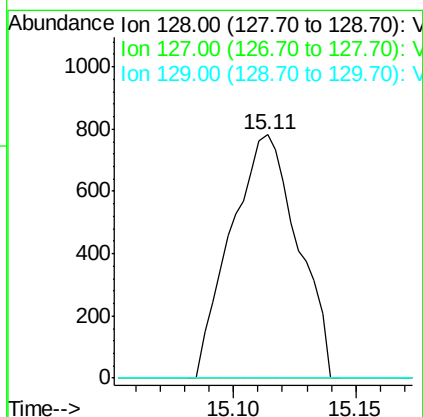
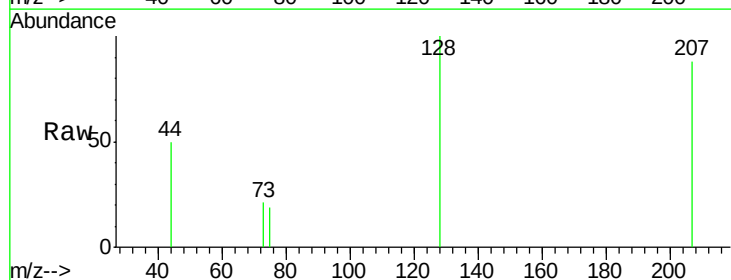
Instrument :
 MSVOA_N
 ClientSampled :

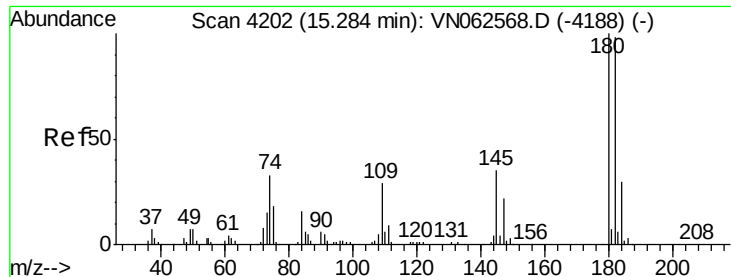
Tot Ion:180 Resp: 410
 Ion Ratio Lower Upper
 180 100
 182 47.1 47.8 143.3#
 145 0.0 15.3 45.9#



#95
 Naphthalene
 Concen: 4.104 ug/l
 RT: 15.11 min Scan# 4149
 Delta R.T. 0.01 min
 Lab File: VN062645.D
 Acq: 29 Jul 2020 11:11

Tgt Ion:128 Resp: 1481
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 0.0 8.7 13.1#

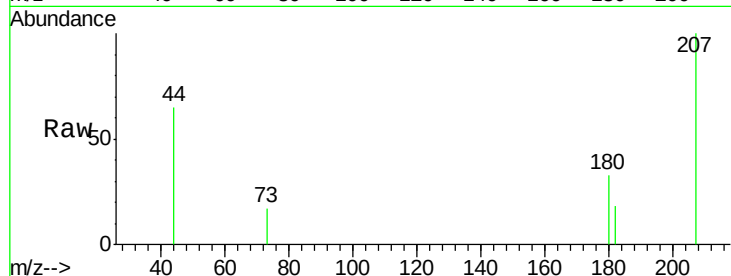




#96
 1,2,3-Trichlorobenzene
 Concen: 0.284 ug/l
 RT: 15.29 min Scan# 4204
 Delta R.T. 0.01 min
 Lab File: VN062645.D
 Acq: 29 Jul 2020 11:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	15.4	48.1	144.3#
145	0.0	16.7	50.1#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

