

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066059.D
 Acq On : 24 Jul 2020 20:41
 Operator : VA/SY
 Sample : L3436-04
 Misc : 7.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 4

Quant Time: Jul 24 23:56:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	299927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	460137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	480564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	248874	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	122003	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
35) Dibromofluoromethane	7.91	113	139245	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	10.34	98	553861	53.27	ug/l	0.00
Spiked Amount			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.64	95	218358	60.57	ug/l	0.00
Spiked Amount			Recovery	=	121.14%	

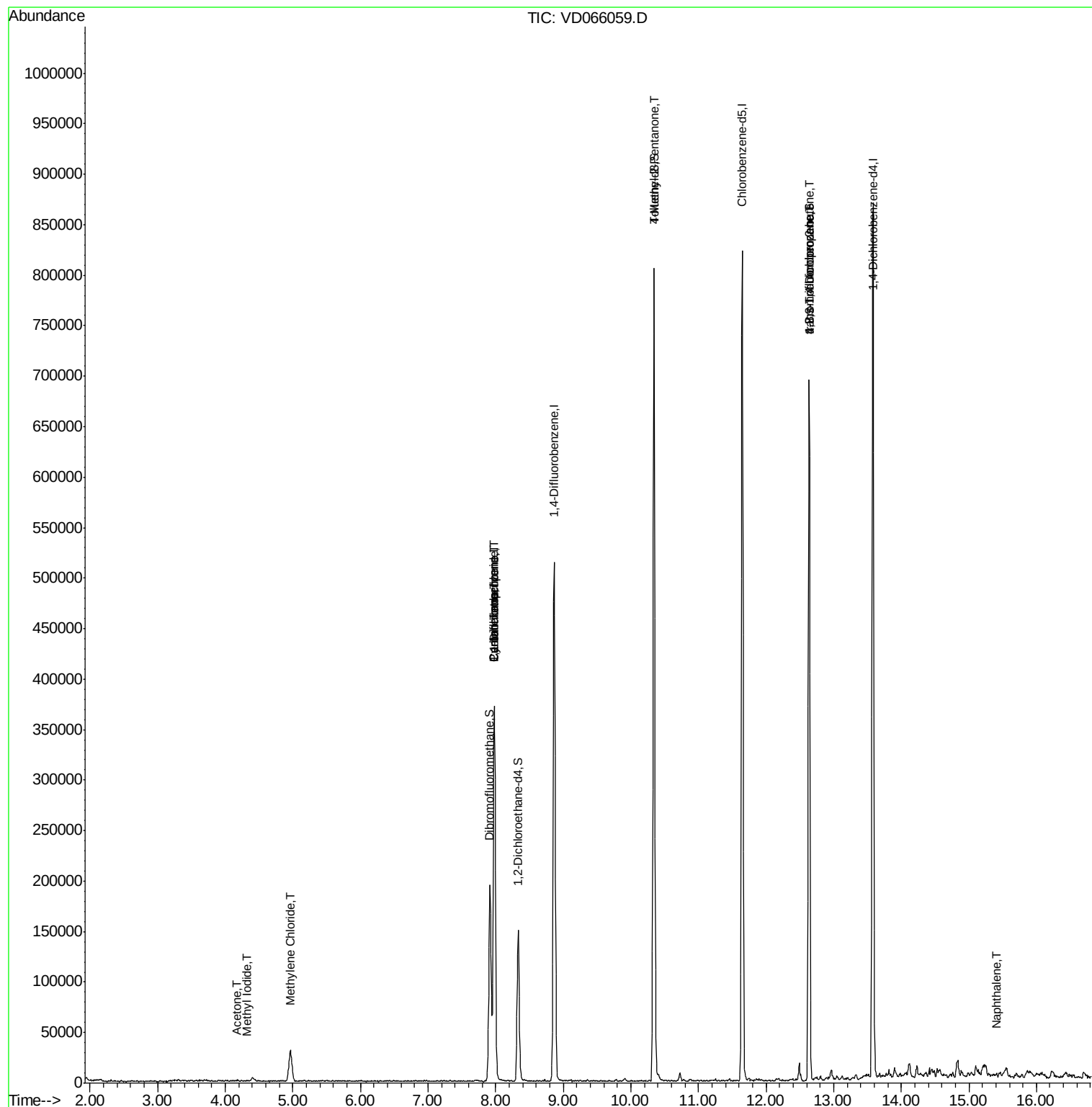
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.31	142	60	8.831	ug/l #	42
11) Tert butyl alcohol	5.22	59	61	Below Cal	#	83
16) Acetone	4.16	43	886	1.794	ug/l	93
20) Methylene Chloride	4.96	84	23764	6.097	ug/l	94
31) Cyclohexane	7.98	56	5139	1.171	ug/l #	8
36) 1,1-Dichloropropene	7.97	75	19390	4.938	ug/l #	50
38) Carbon Tetrachloride	7.98	117	28161	6.609	ug/l #	17
51) 4-Methyl-2-Pentanone	10.34	43	2592	1.756	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	109100	58.221	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	109100	133.597	ug/l #	11
95) Naphthalene	15.42	128	256	3.577	ug/l #	68

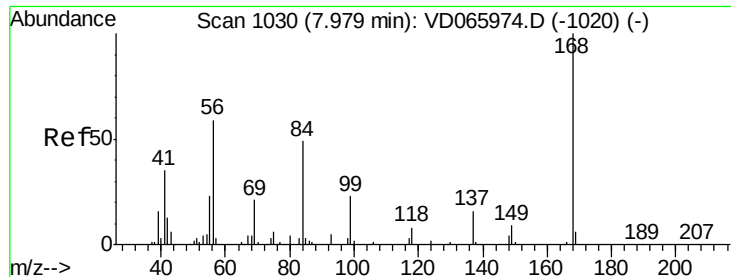
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072420\
Data File : VD066059.D
Acq On : 24 Jul 2020 20:41
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4

Quant Time: Jul 24 23:56:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066059.D

Acq: 24 Jul 2020 20:41

Instrument :

MSVOA_D

ClientSampleId :

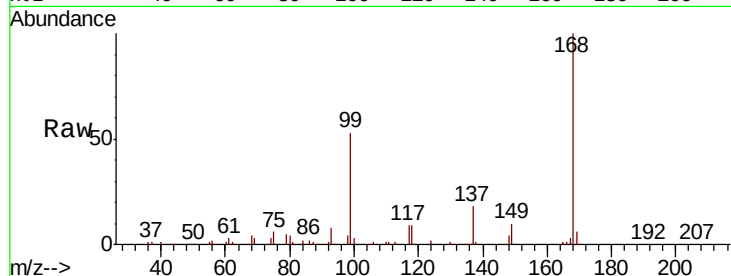
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Tot Ion:168 Resp: 299927

Ion Ratio Lower Upper

168 100

99 52.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

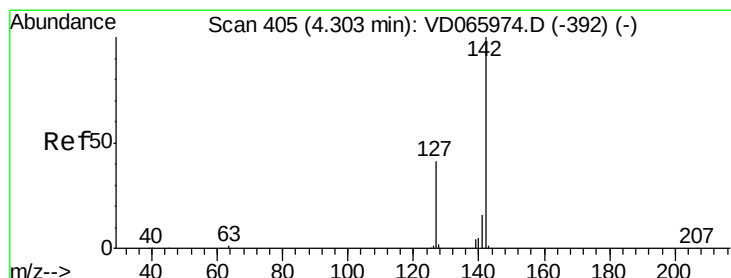
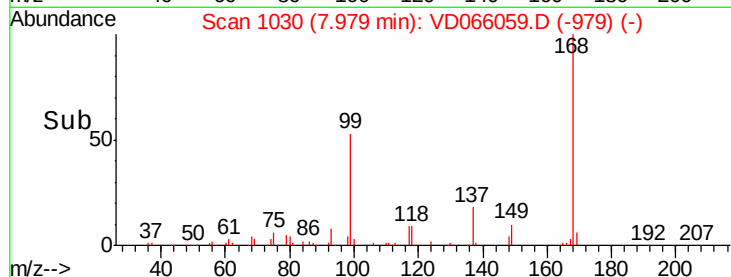
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 8.831 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD066059.D

Acq: 24 Jul 2020 20:41

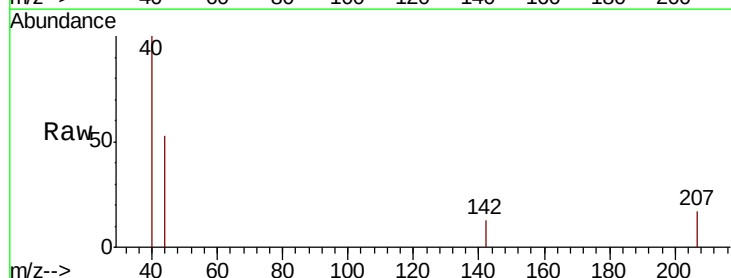
Tgt Ion:142 Resp: 60

Ion Ratio Lower Upper

142 100

127 0.0 32.9 49.3#

141 0.0 11.8 17.6#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.31

200

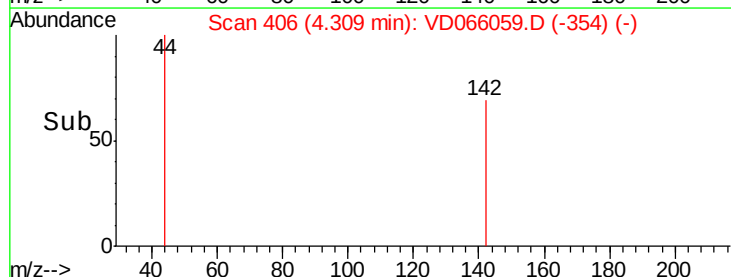
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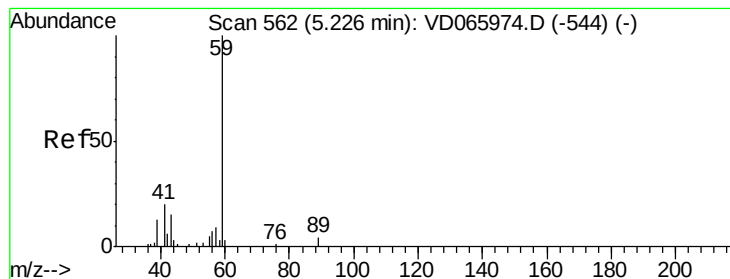
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50

0

Time-->



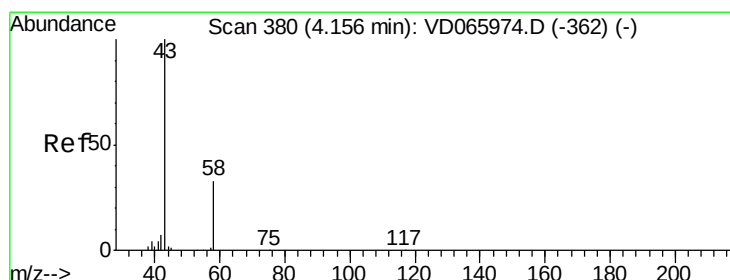
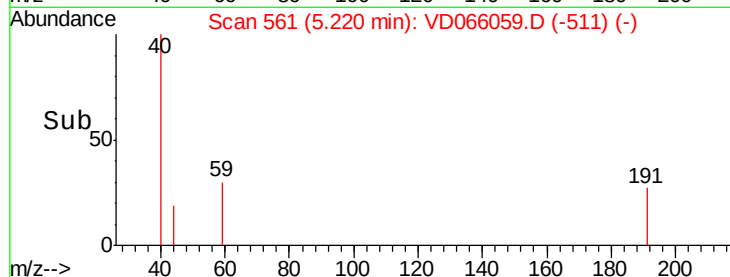
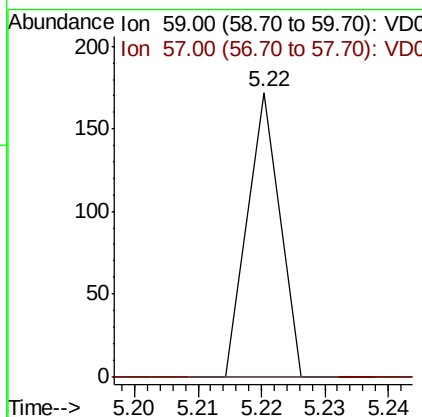
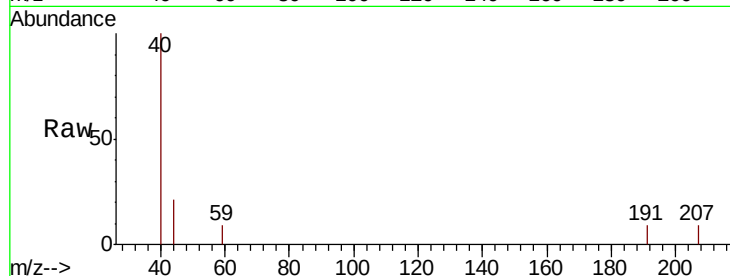


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD066059.D
 Acq: 24 Jul 2020 20:41

Instrument :
 MSVOA_D
 ClientSampleId :
 4

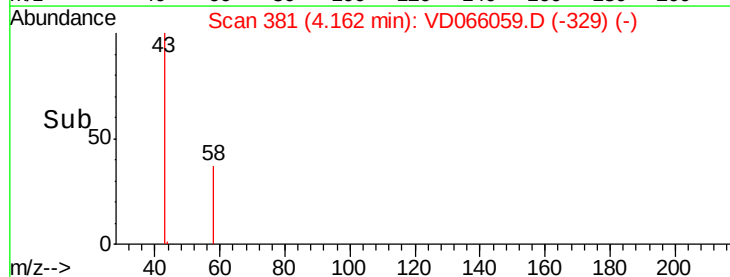
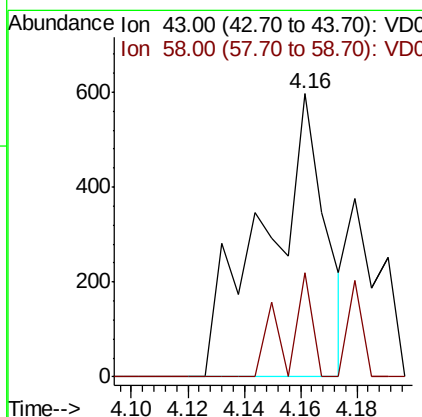
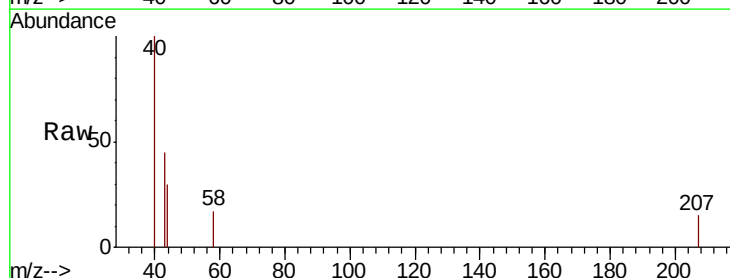
Tot Ion: 59 Resp: 61
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.5 6.7#

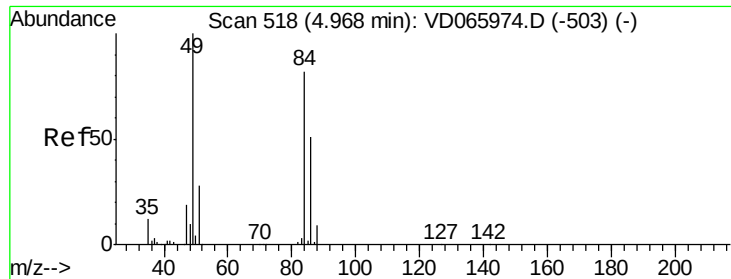


#16

Acetone
 Concen: 1.794 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066059.D
 Acq: 24 Jul 2020 20:41

Tgt Ion: 43 Resp: 886
 Ion Ratio Lower Upper
 43 100
 58 36.7 26.3 39.5

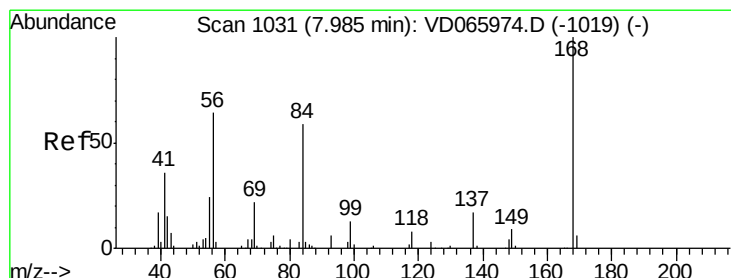
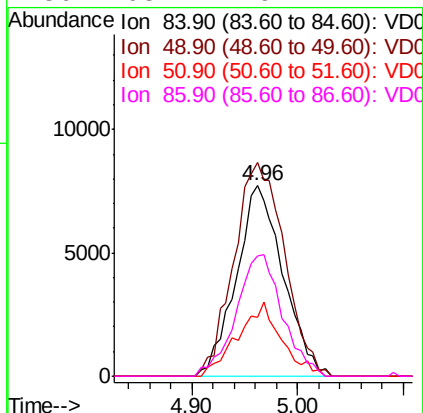
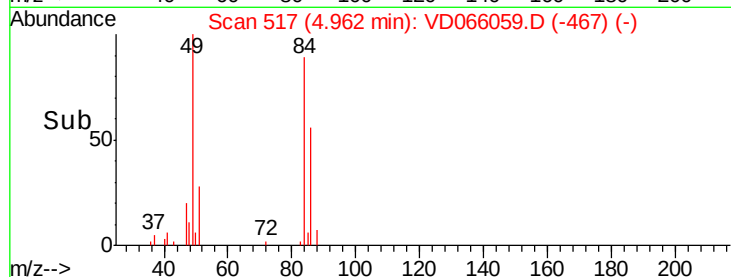
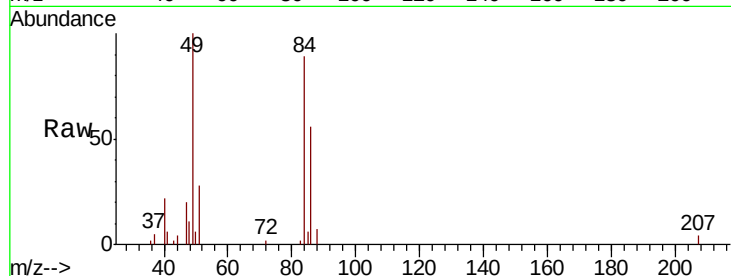




#20
Methylene Chloride
Concen: 6.097 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066059.D
Acq: 24 Jul 2020 20:41

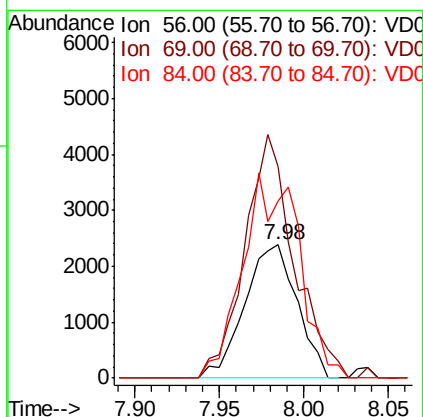
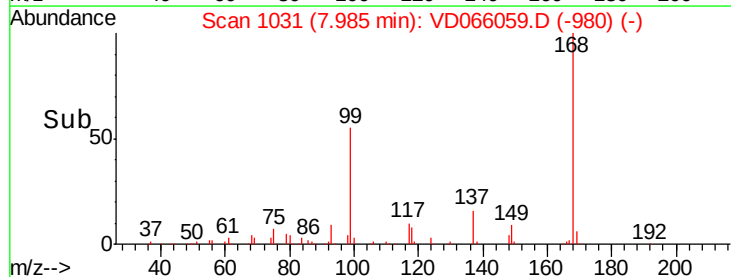
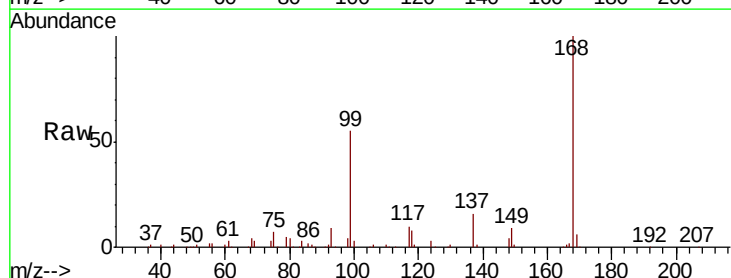
Instrument :
MSVOA_D
ClientSampleId :
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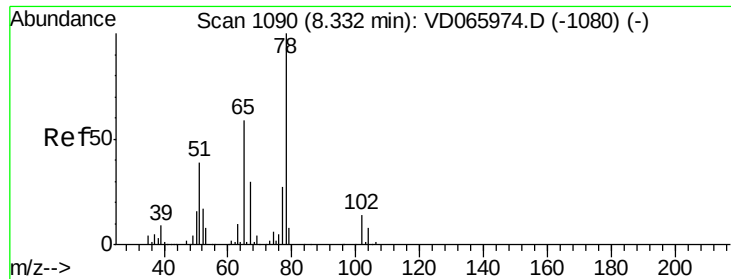
Tot Ion:	84	Resp:	23764
Ion	Ratio	Lower	Upper
84	100		
49	112.3	97.7	146.5
51	31.2	27.4	41.2
86	63.1	49.4	74.2



#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066059.D
Acq: 24 Jul 2020 20:41

Tgt Ion:	56	Resp:	5139
Ion	Ratio	Lower	Upper
56	100		
69	159.5	28.0	42.0#
84	133.3	72.6	109.0#

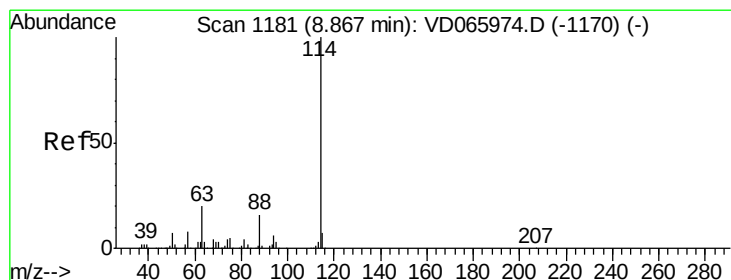
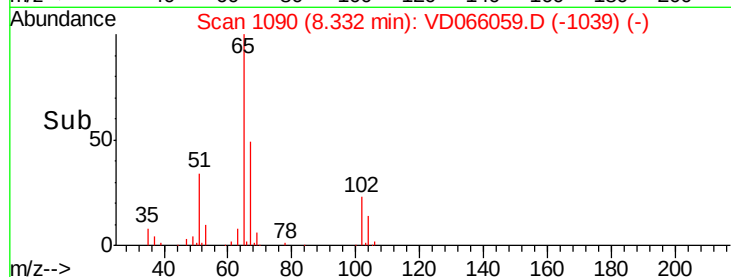
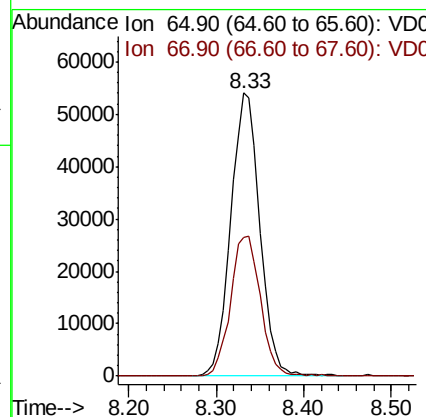
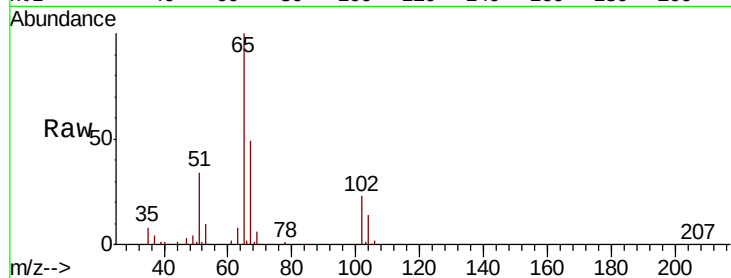




#33
 1,2-Dichloroethane-d4
 Concen: 49.991 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066059.D
 Acq: 24 Jul 2020 20:41

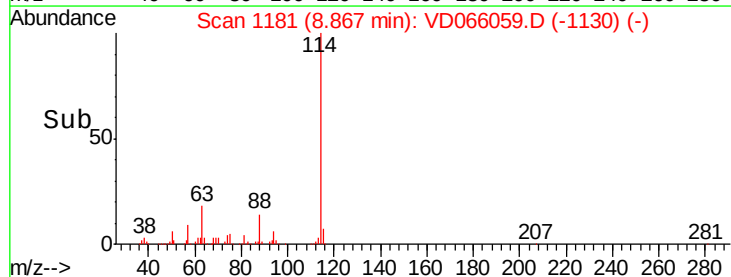
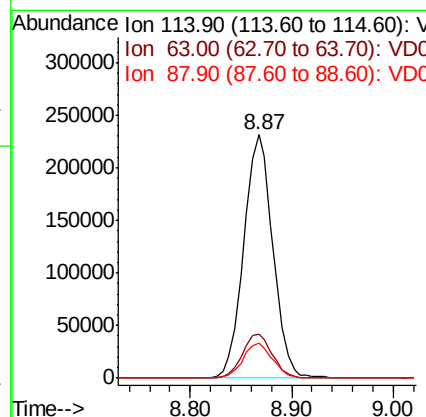
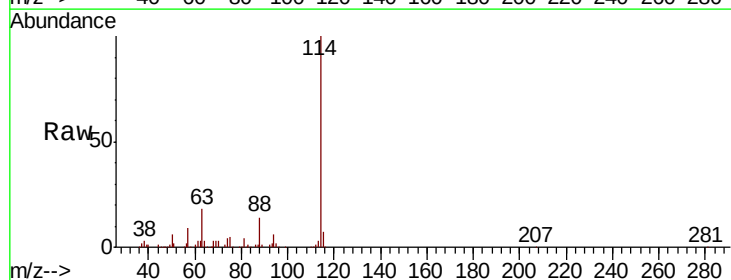
Instrument :
 MSVOA_D
 ClientSampleID :
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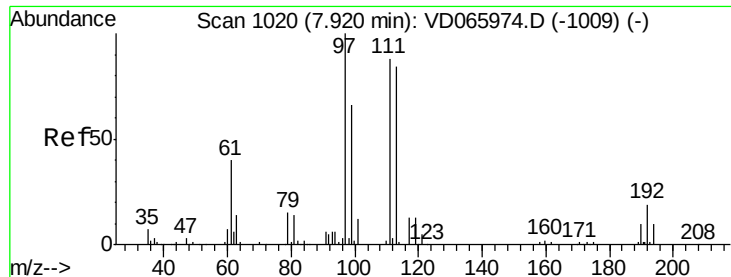
Tot Ion: 65 Resp: 122003
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066059.D
 Acq: 24 Jul 2020 20:41

Tgt Ion: 114 Resp: 460137
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.6
 88 14.3 0.0 31.2

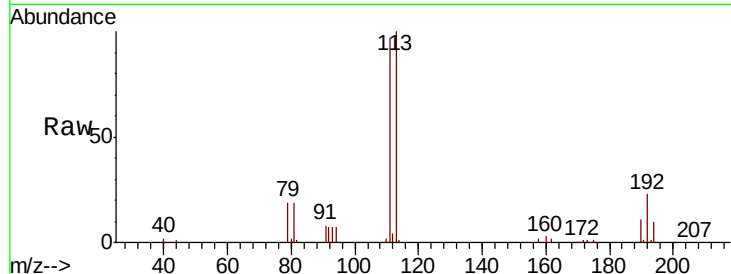




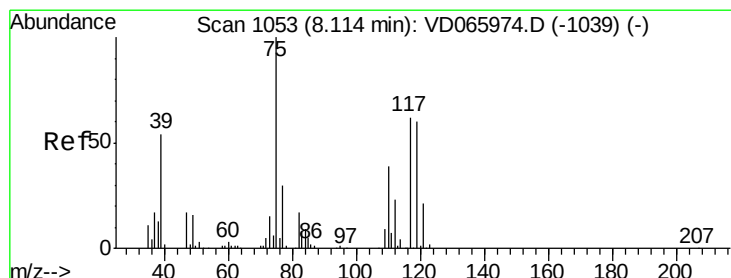
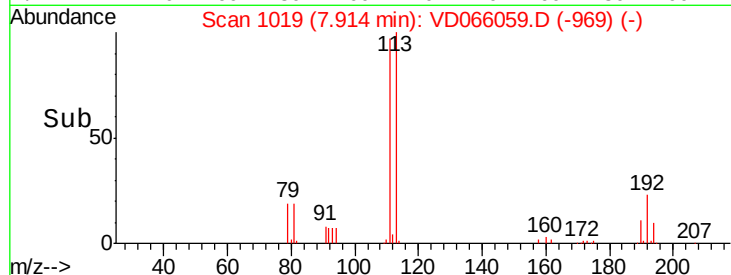
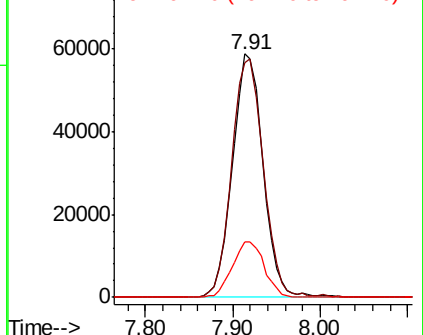
#35
Dibromofluoromethane
Concen: 49.893 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066059.D
Acq: 24 Jul 2020 20:41

Instrument :
MSVOA_D
ClientSampled :
4

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.2	124.8
192	23.8	18.7	28.1

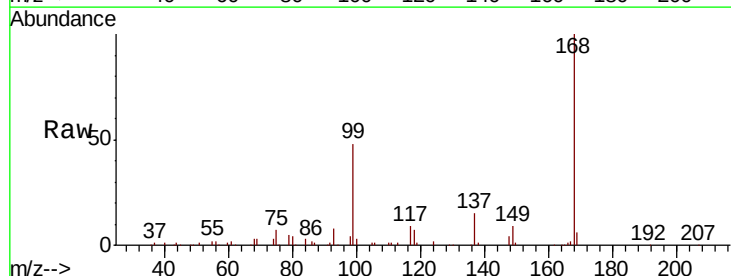


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

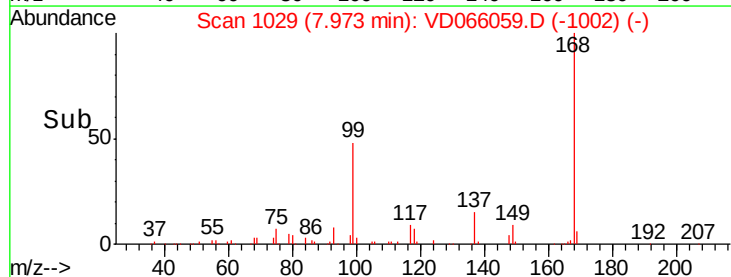
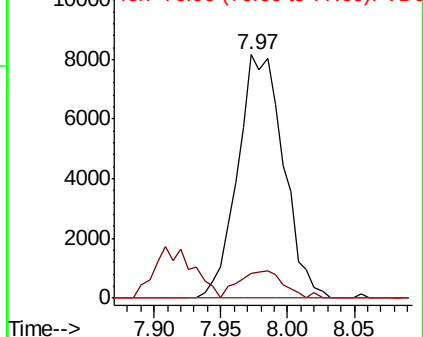


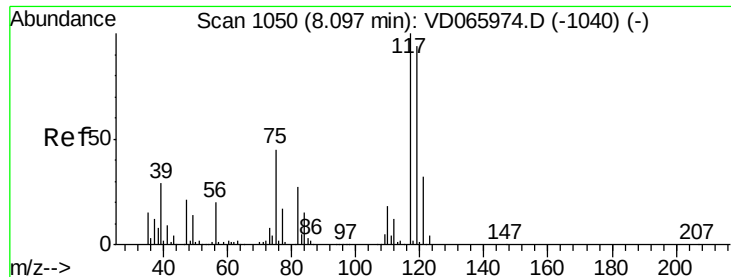
#36
1,1-Dichloropropene
Concen: 4.938 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.14 min
Lab File: VD066059.D
Acq: 24 Jul 2020 20:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.0	19.5	58.5#
77	0.0	24.7	37.1#



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

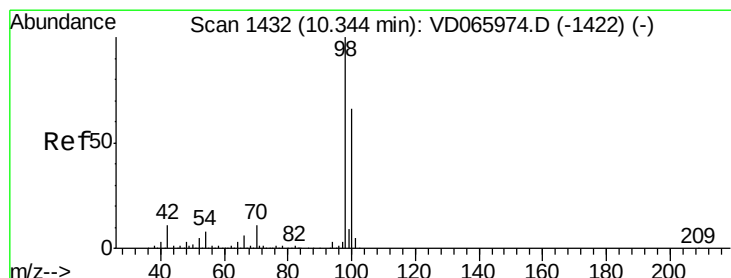
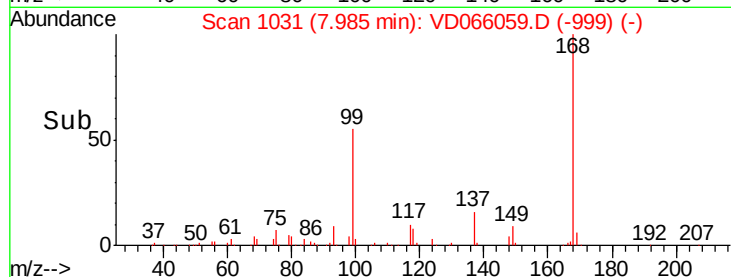
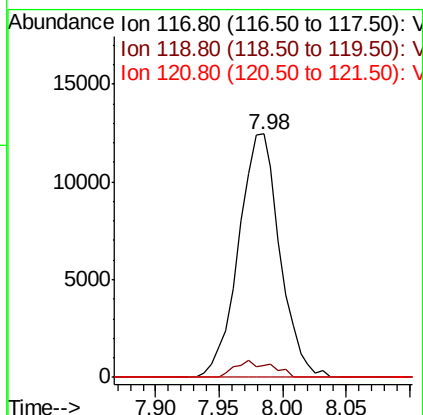
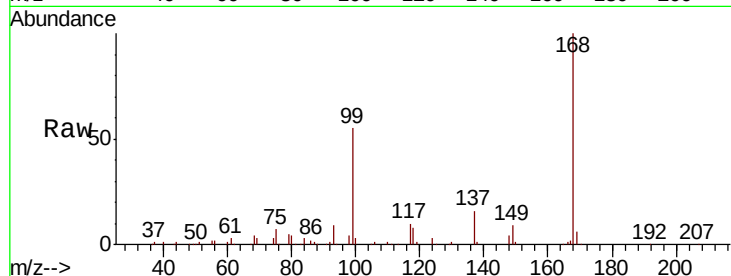




#38
Carbon Tetrachloride
Concen: 6.609 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD066059.D
Acq: 24 Jul 2020 20:41

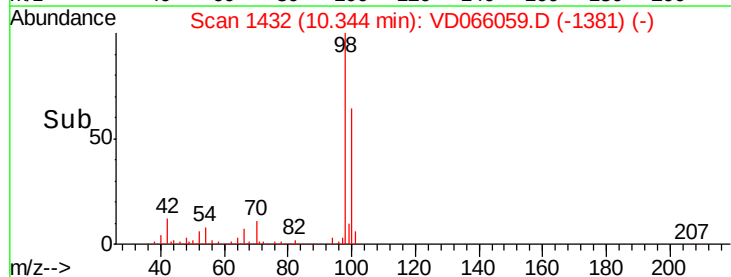
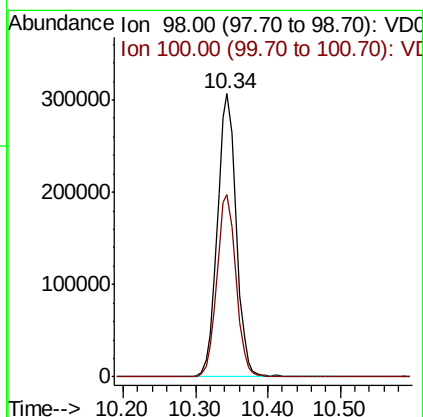
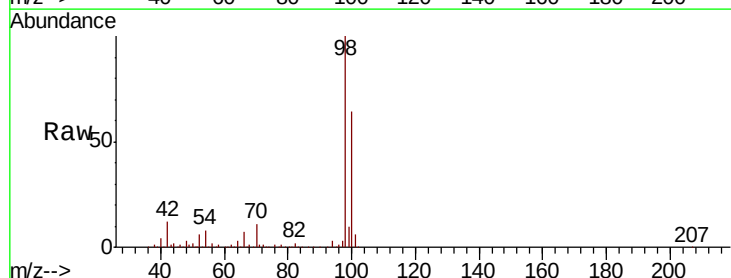
Instrument :
MSVOA_D
ClientSampleId :
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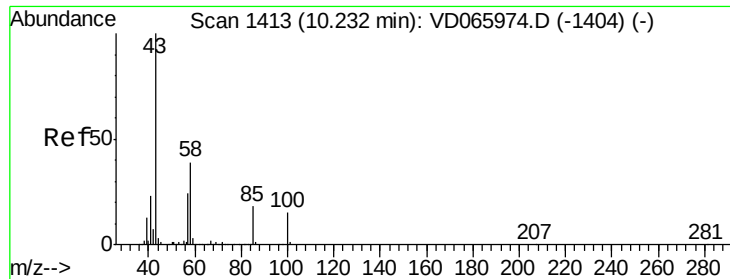
Tot Ion:117 Resp: 28161
Ion Ratio Lower Upper
117 100
119 5.0 75.0 112.6#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 53.273 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066059.D
Acq: 24 Jul 2020 20:41

Tgt Ion: 98 Resp: 553861
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.756 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD066059.D

Acq: 24 Jul 2020 20:41

Instrument :

MSVOA_D

ClientSampled :

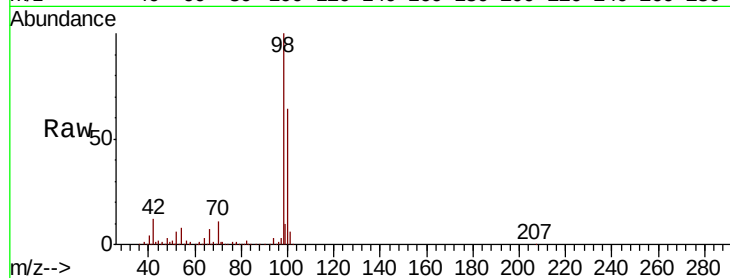
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Tot Ion: 43 Resp: 2592

Ion Ratio Lower Upper

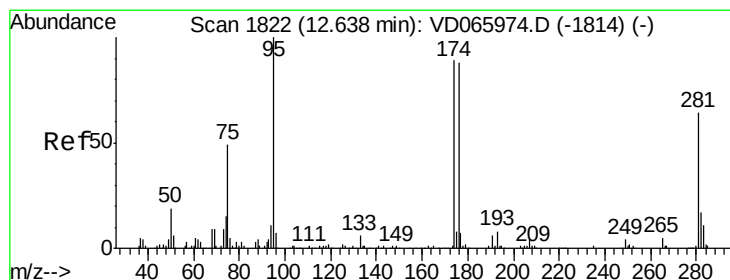
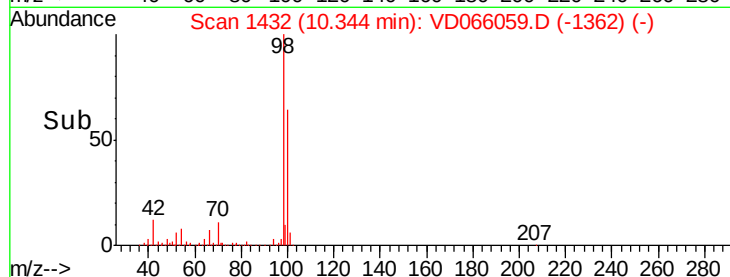
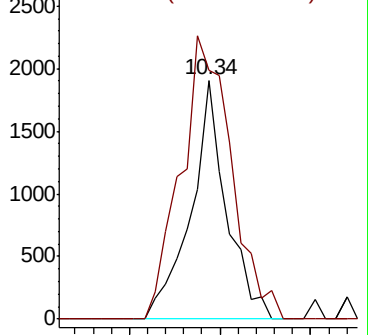
43 100

58 168.7 31.3 46.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 60.572 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066059.D

Acq: 24 Jul 2020 20:41

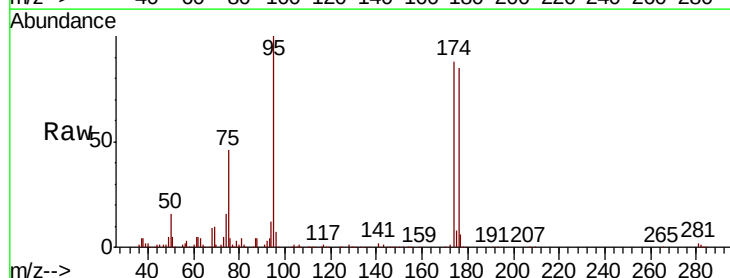
Tgt Ion: 95 Resp: 218358

Ion Ratio Lower Upper

95 100

174 93.0 0.0 178.8

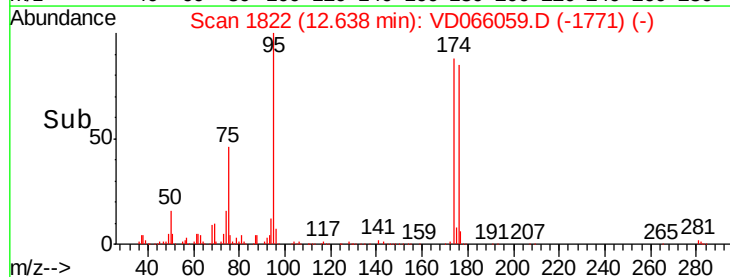
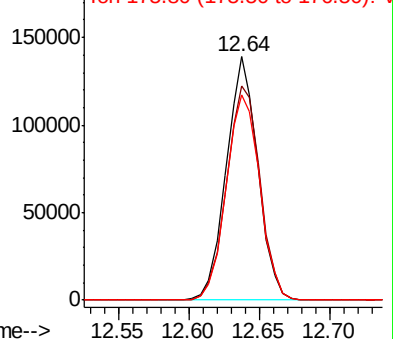
176 89.9 0.0 172.6

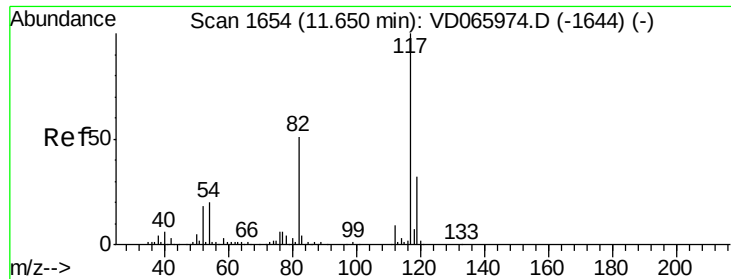


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

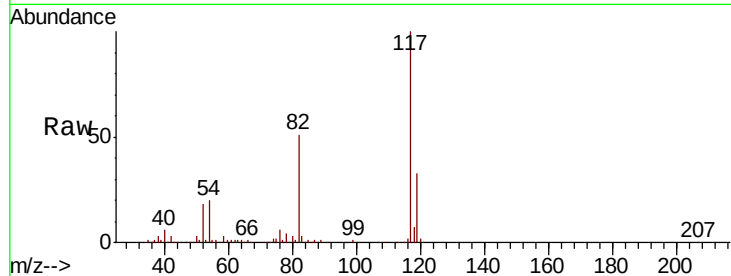




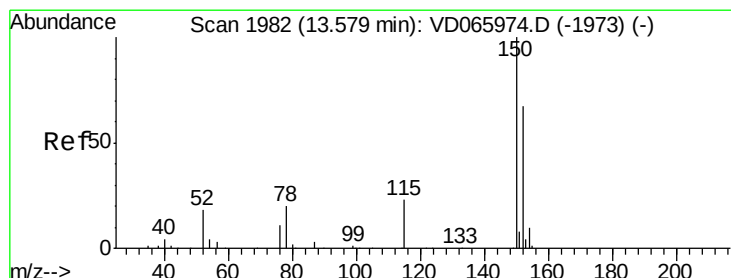
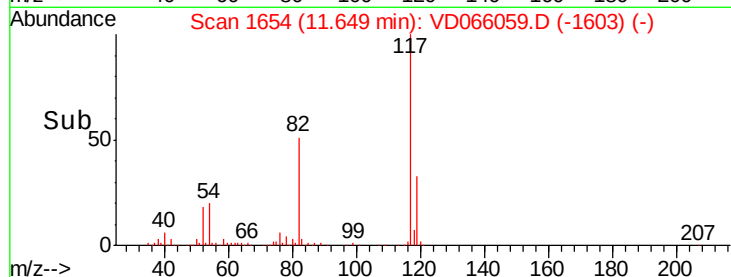
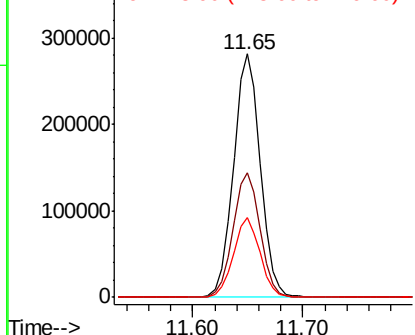
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066059.D
Acq: 24 Jul 2020 20:41

Instrument :
MSVOA_D
ClientSampleId :
4

Tot Ion:117 Resp: 480564
Ion Ratio Lower Upper
117 100
82 51.3 41.1 61.7
119 32.5 25.9 38.9

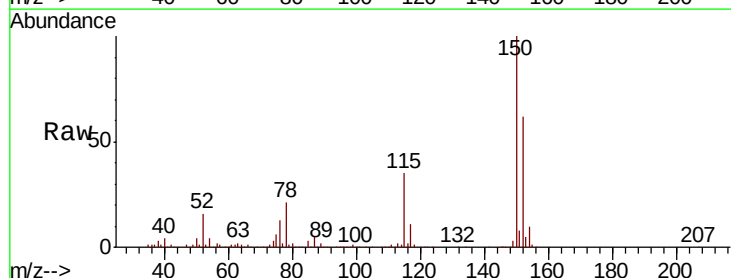


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

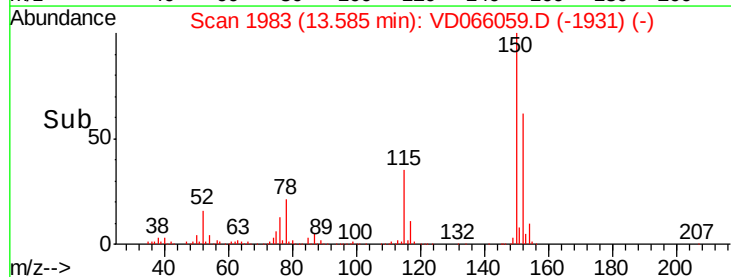
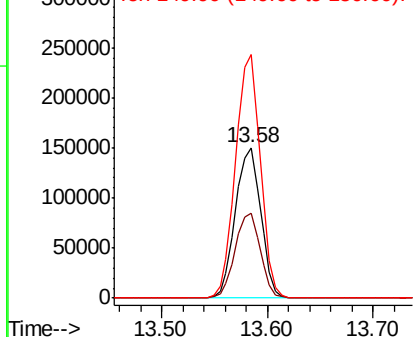


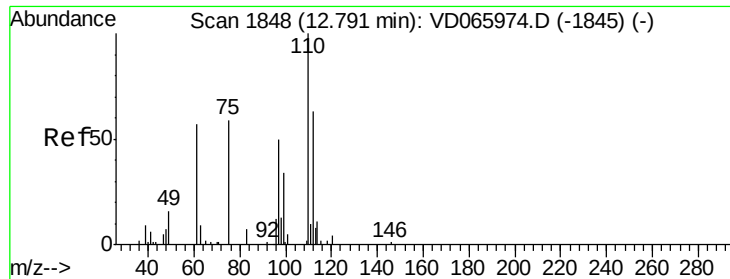
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066059.D
Acq: 24 Jul 2020 20:41

Tgt Ion:152 Resp: 248874
Ion Ratio Lower Upper
152 100
115 56.2 27.9 83.7
150 158.1 0.0 348.2



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

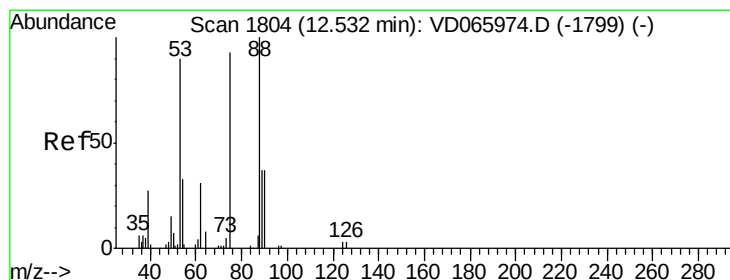
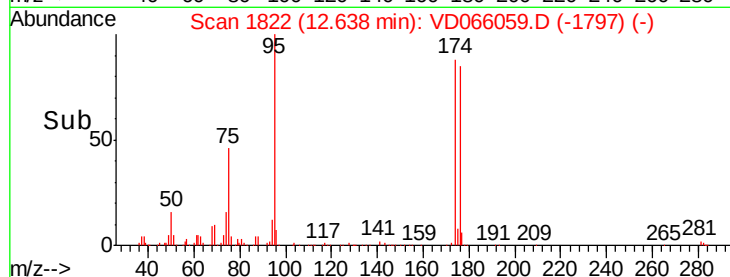
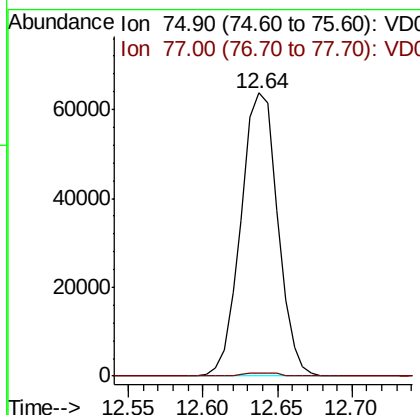
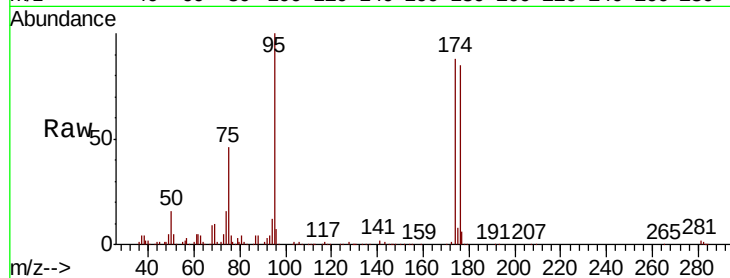




#76
 1,2,3-Trichloropropane
 Concen: 58.221 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD066059.D
 Acq: 24 Jul 2020 20:41

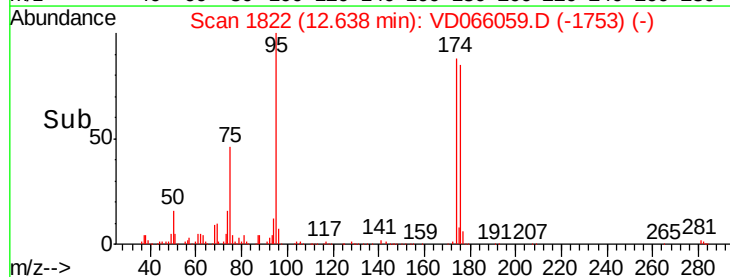
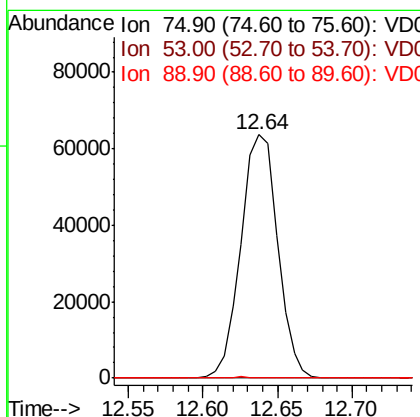
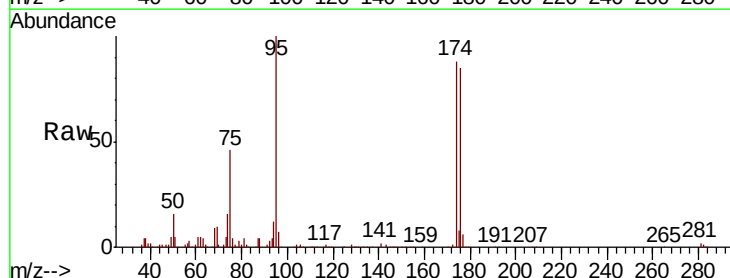
Instrument :
 MSVOA_D
 ClientSampleId :
 4

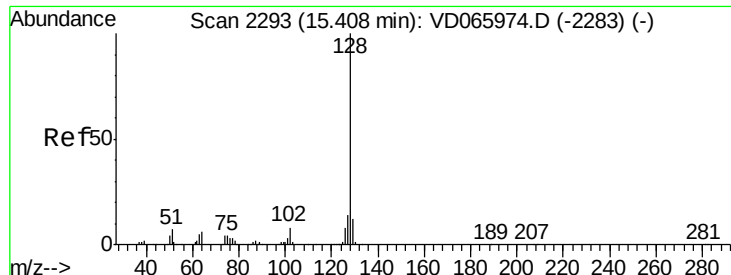
Tot Ion: 75 Resp: 109100
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.597 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD066059.D
 Acq: 24 Jul 2020 20:41

Tgt Ion: 75 Resp: 109100
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.8 115.2#
 89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 3.577 ug/l

RT: 15.42 min Scan# 2295

Delta R.T. 0.01 min

Lab File: VD066059.D

Acq: 24 Jul 2020 20:41

Instrument :

MSVOA_D

ClientSampleId :

4

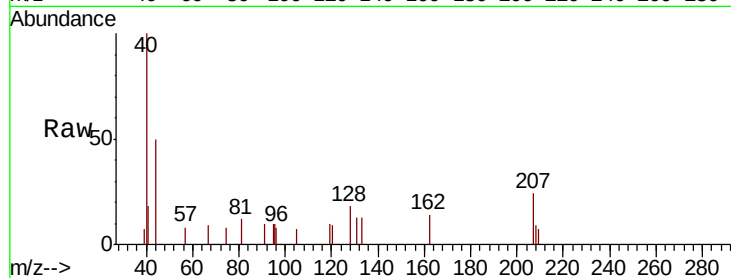
Tot Ion:128 Resp: 256

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.9 13.3#



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

