

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065805.D
 Acq On : 18 Jun 2020 13:52
 Operator : VA/SY
 Sample : L2812-06
 Misc : 6.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-061720

Quant Time: Jun 19 01:01:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	139766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	244786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	182664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	55587	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	78730	57.01	ug/l	0.00
Spiked Amount			Recovery	=	114.02%	
35) Dibromofluoromethane	7.91	113	76573	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
50) Toluene-d8	10.34	98	244018	42.32	ug/l	0.00
Spiked Amount			Recovery	=	84.64%	
62) 4-Bromofluorobenzene	12.64	95	61797	31.60	ug/l	0.00
Spiked Amount			Recovery	=	63.20%	

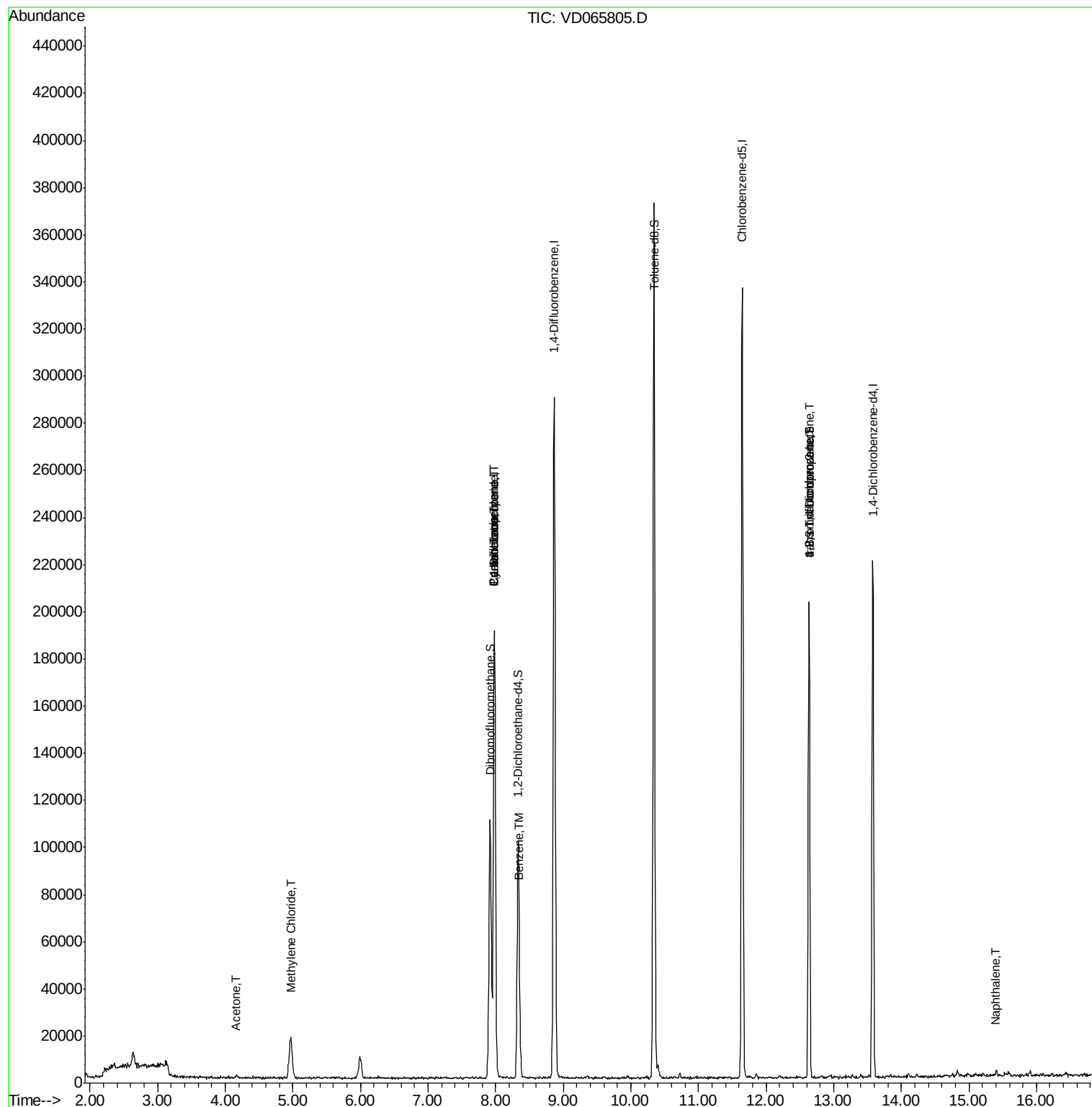
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	237	Below Cal	#	43
16) Acetone	4.16	43	1686	6.472	ug/l #	74
18) Methyl Acetate	4.73	43	185	Below Cal	#	52
20) Methylene Chloride	4.97	84	12800	5.272	ug/l #	86
31) Cyclohexane	7.98	56	4309	1.740	ug/l #	47
36) 1,1-Dichloropropene	7.98	75	11866	5.060	ug/l #	50
38) Carbon Tetrachloride	7.98	117	14457	5.858	ug/l #	17
40) Benzene	8.36	78	6722	1.049	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	35033	81.037	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	35033	175.091	ug/l #	9
95) Naphthalene	15.40	128	2555	1.483	ug/l #	79

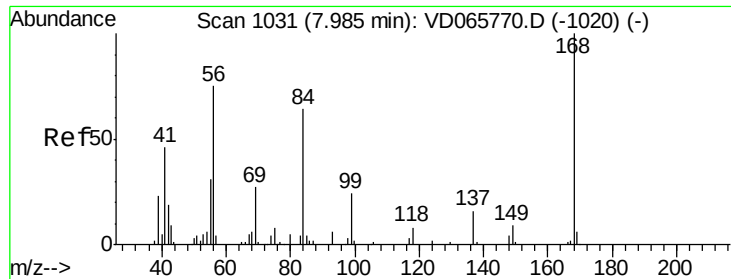
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061820\
Data File : VD065805.D
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Operator : VA/SY
Sample : L2812-06
Misc : 6.87G/5.00ml/MSVOA D/SOIL
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Quant Time: Jun 19 01:01:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

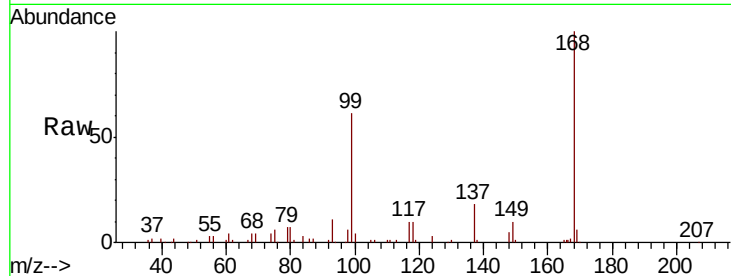
OK-03-061720

Tot Ion:168 Resp: 139766

Ion Ratio Lower Upper

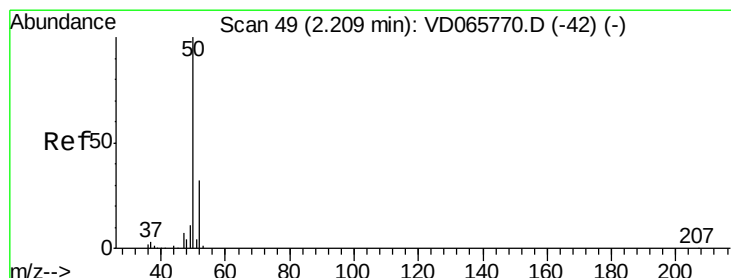
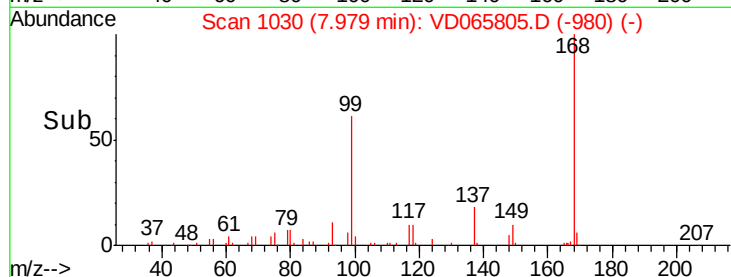
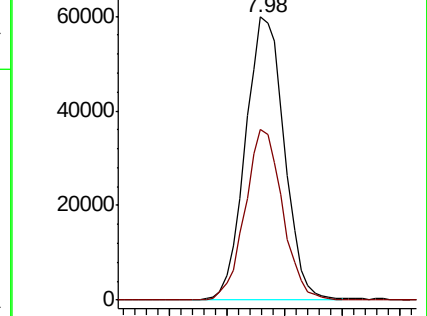
168 100

99 60.5 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065805.D

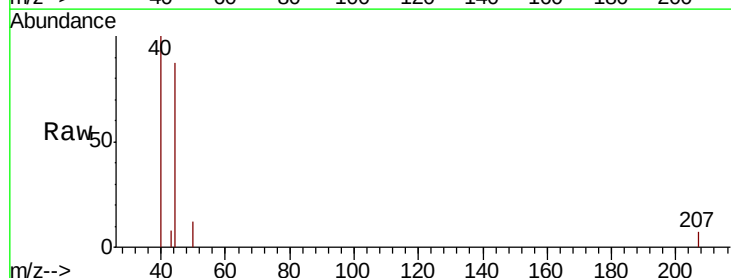
Acq: 18 Jun 2020 13:52

Tgt Ion: 50 Resp: 237

Ion Ratio Lower Upper

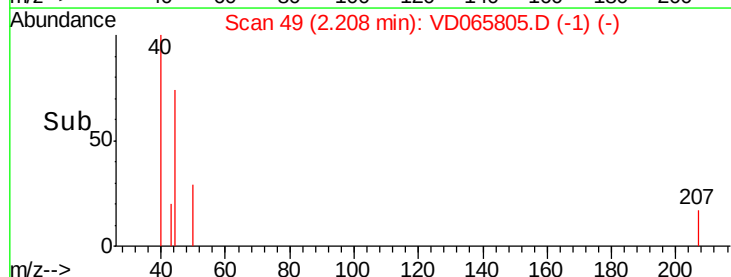
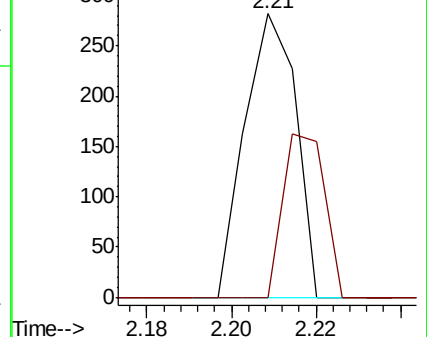
50 100

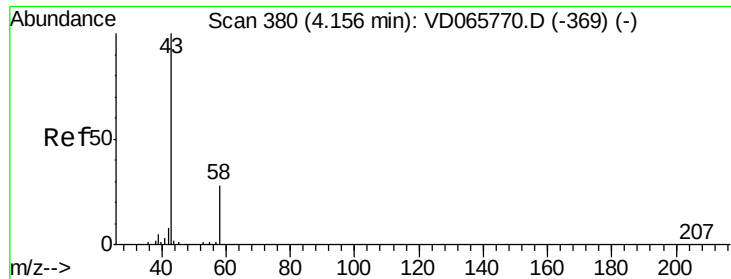
52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#16

Acetone

Concen: 6.472 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

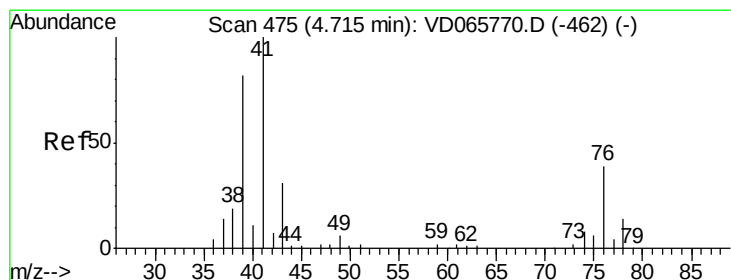
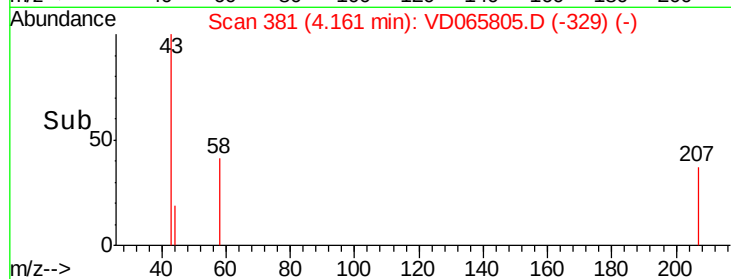
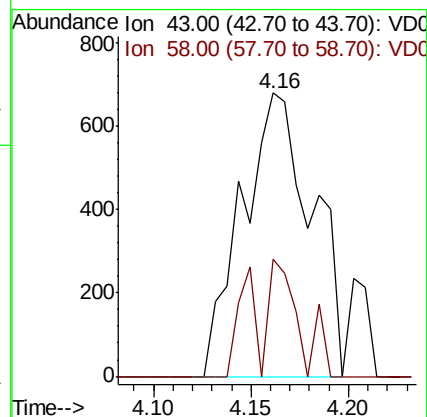
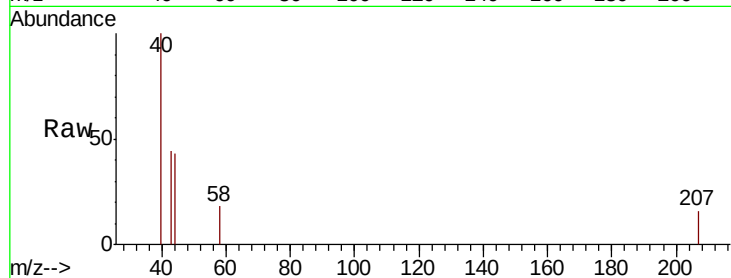
OK-03-061720

Tot Ion: 43 Resp: 1686

Ion Ratio Lower Upper

43 100

58 41.3 22.3 33.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.73 min Scan# 478

Delta R.T. 0.02 min

Lab File: VD065805.D

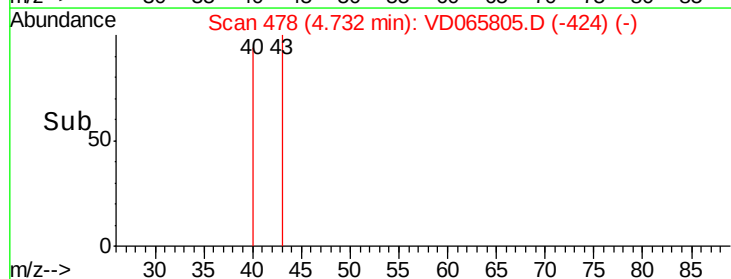
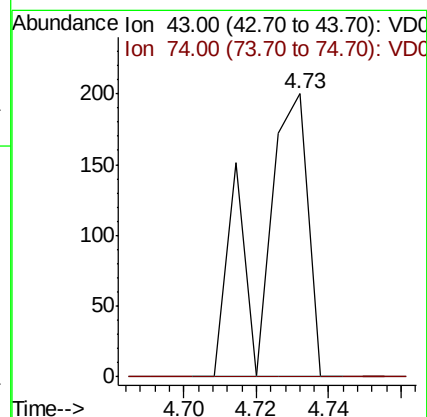
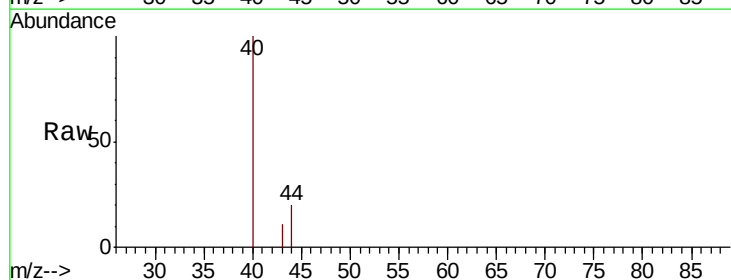
Acq: 18 Jun 2020 13:52

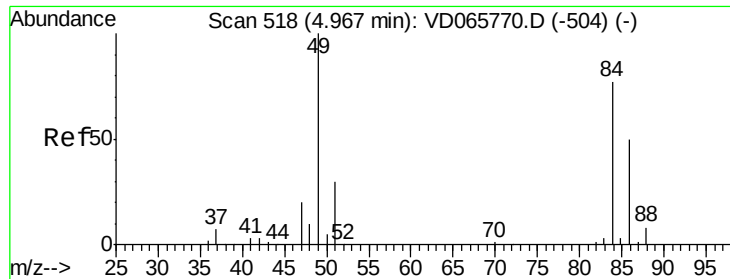
Tgt Ion: 43 Resp: 185

Ion Ratio Lower Upper

43 100

74 0.0 18.7 28.1#

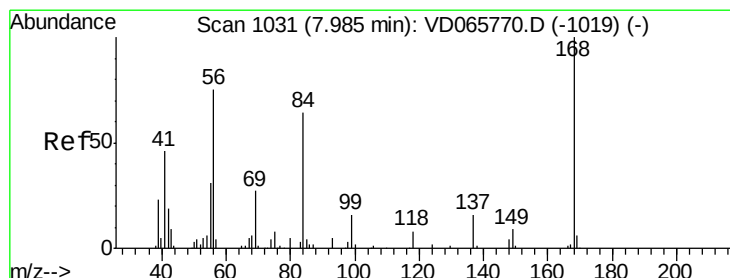
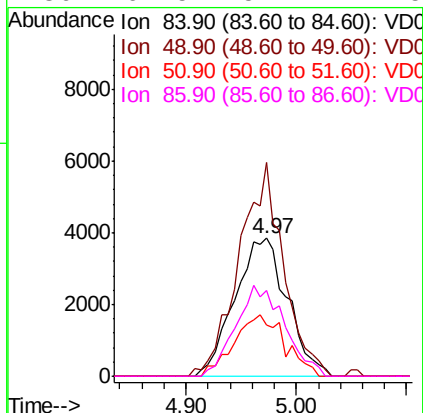
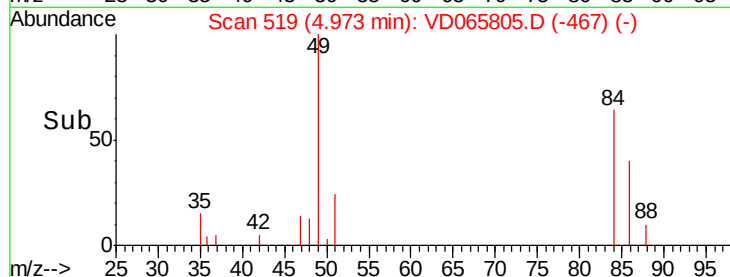
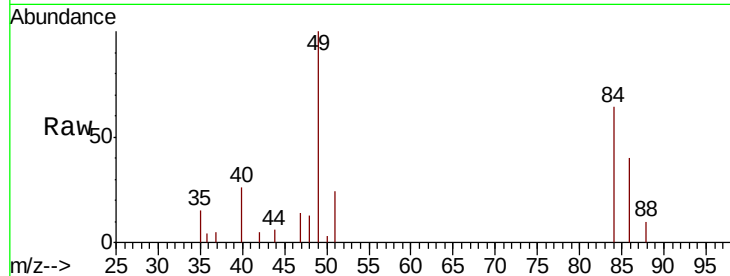




#20
Methvlene Chloride
Concen: 5.272 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065805.D
Acq: 18 Jun 2020 13:52

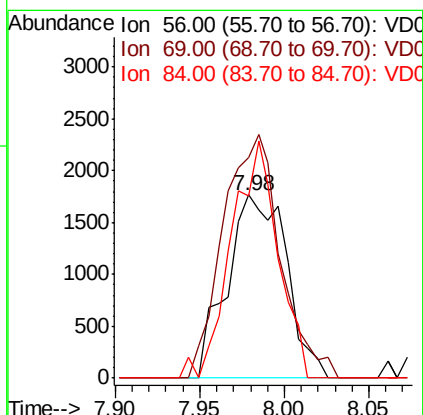
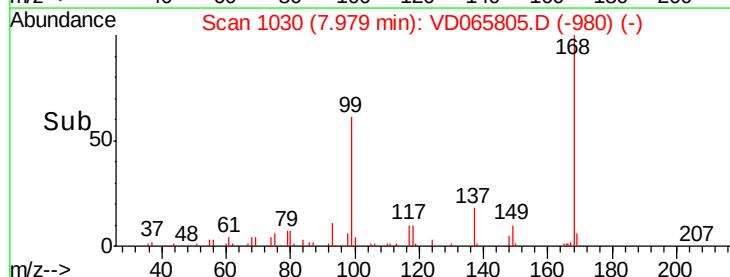
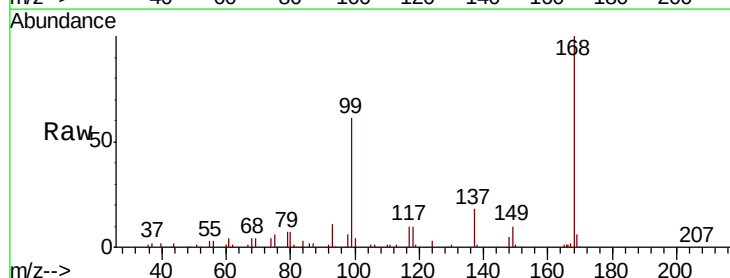
Instrument :
MSVOA_D
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OK-03-061720

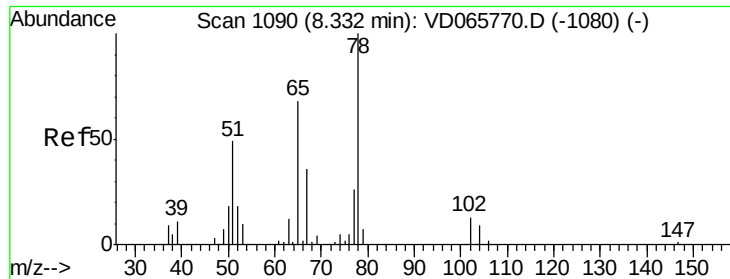
Tot Ion: 84 Resp: 12800
Ion Ratio Lower Upper
84 100
49 155.1 103.4 155.0#
51 36.8 31.4 47.2
86 62.5 51.7 77.5



#31
Cyclohexane
Concen: 1.740 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065805.D
Acq: 18 Jun 2020 13:52

Tgt Ion: 56 Resp: 4309
Ion Ratio Lower Upper
56 100
69 120.3 28.5 42.7#
84 99.5 68.4 102.6

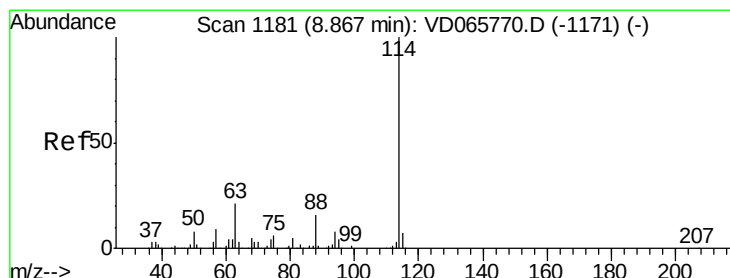
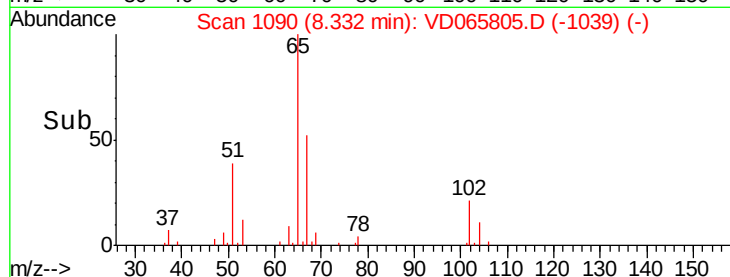
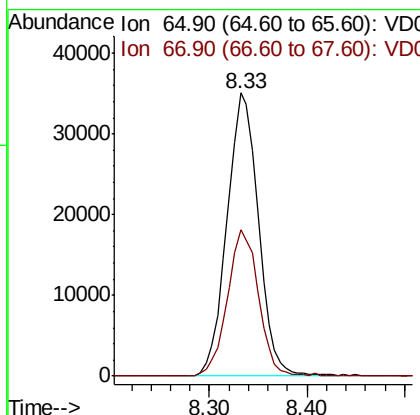
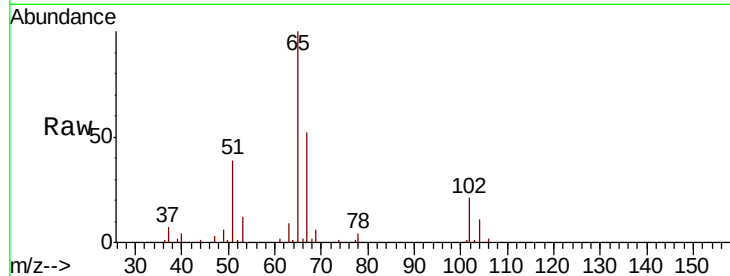




#33
 1,2-Dichloroethane-d4
 Concen: 57.006 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065805.D
 Acq: 18 Jun 2020 13:52

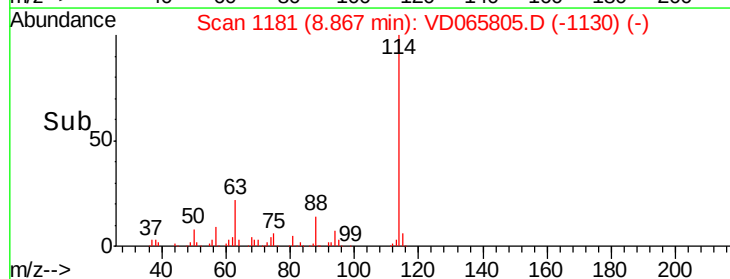
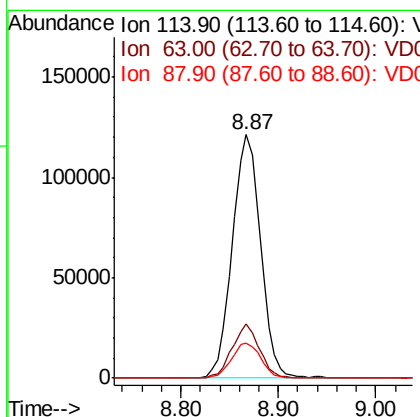
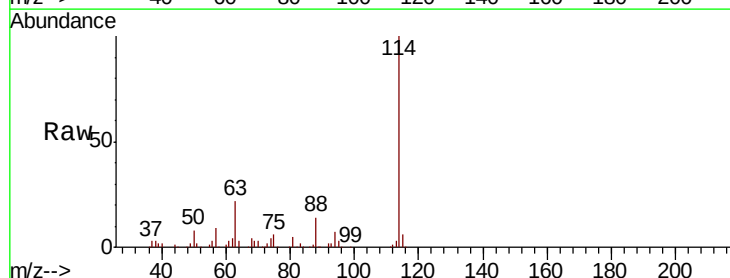
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-061720

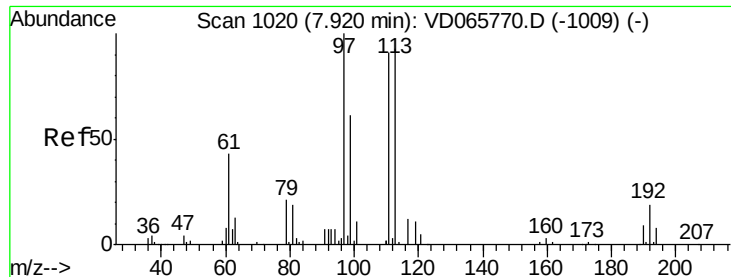
Tot Ion: 65 Resp: 78730
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065805.D
 Acq: 18 Jun 2020 13:52

Tgt Ion: 114 Resp: 244786
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.8
 88 14.4 0.0 32.0

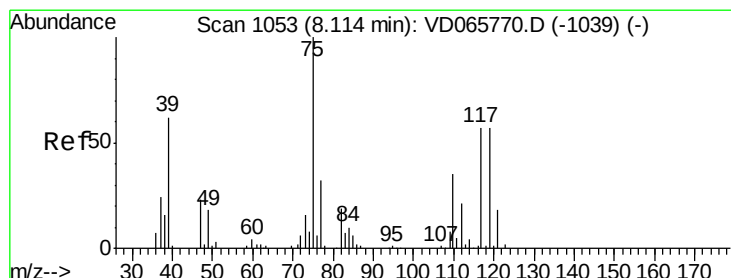
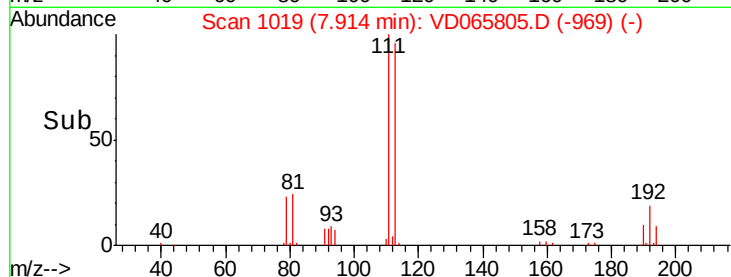
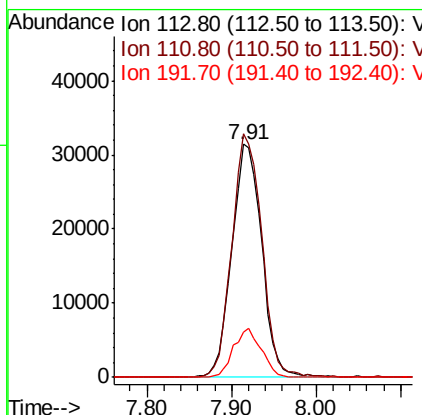
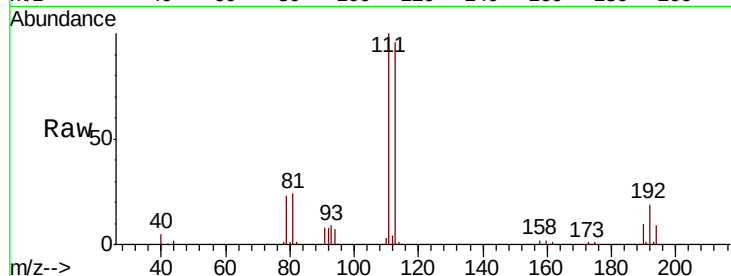




#35
 Dibromofluoromethane
 Concen: 49.523 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065805.D
 Acq: 18 Jun 2020 13:52

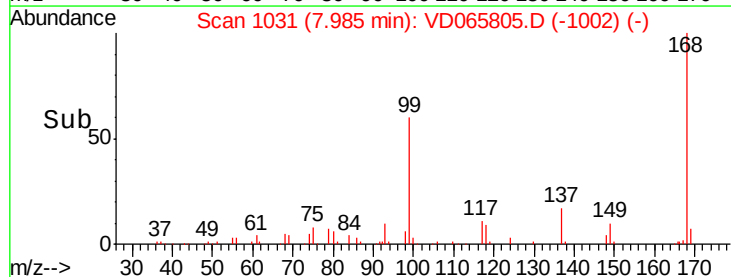
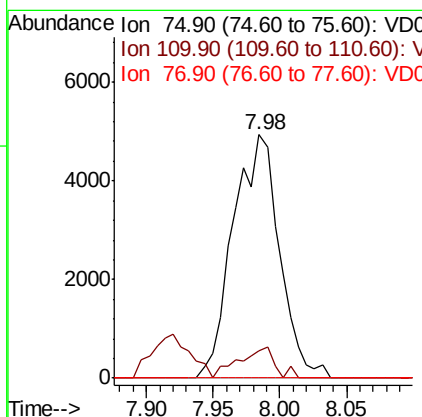
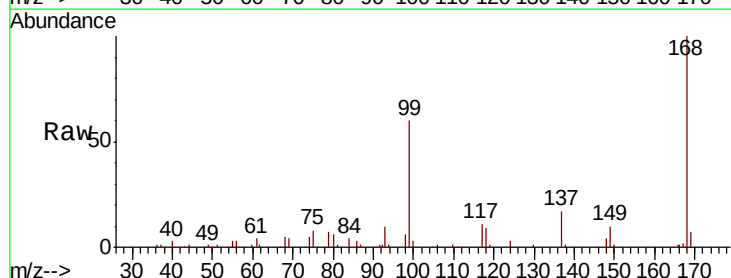
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 OK-03-061720

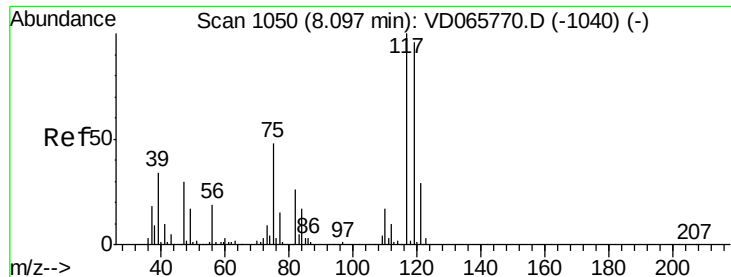
Tot Ion:113 Resp: 76573
 Ion Ratio Lower Upper
 113 100
 111 104.8 83.4 125.0
 192 19.5 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 5.060 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065805.D
 Acq: 18 Jun 2020 13:52

Tgt Ion: 75 Resp: 11866
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.6 52.8#
 77 0.0 25.1 37.7#

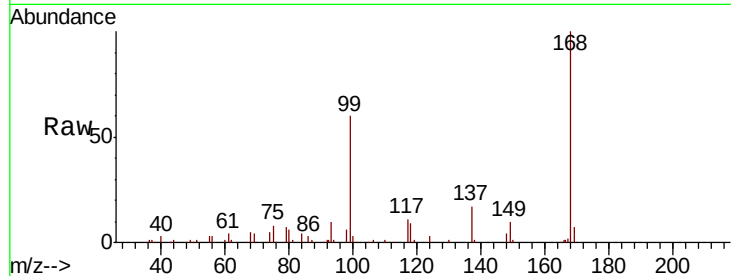




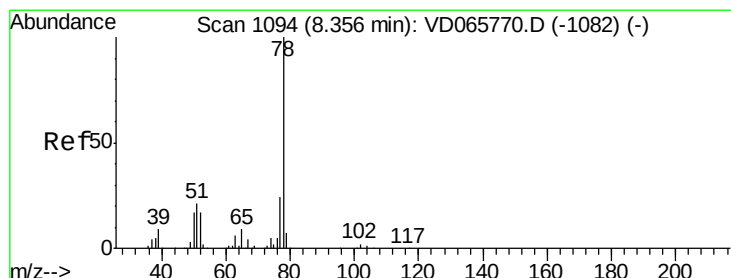
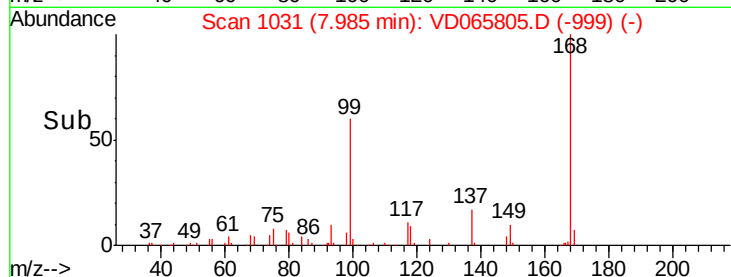
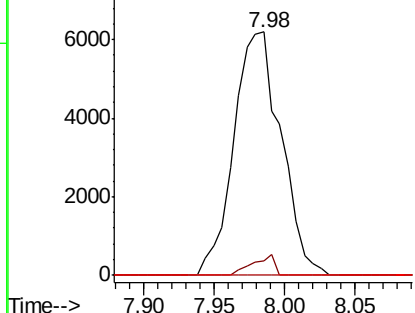
#38
Carbon Tetrachloride
Concen: 5.858 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065805.D
Acq: 18 Jun 2020 13:52

Instrument :
MSVOA_D
ClientSampleId :
OK-03-061720

Tot Ion:117 Resp: 14457
Ion Ratio Lower Upper
117 100
119 5.8 76.8 115.2#
121 0.0 23.4 35.2#

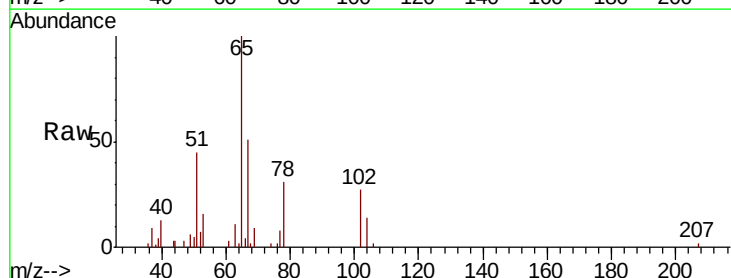


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

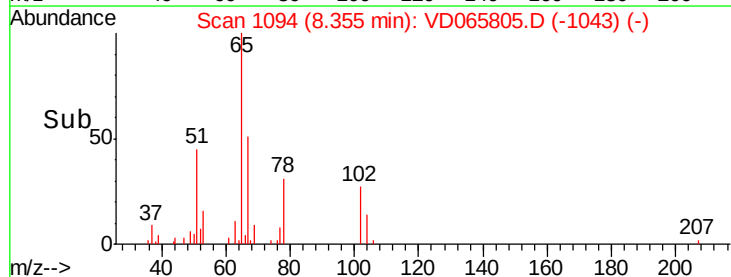
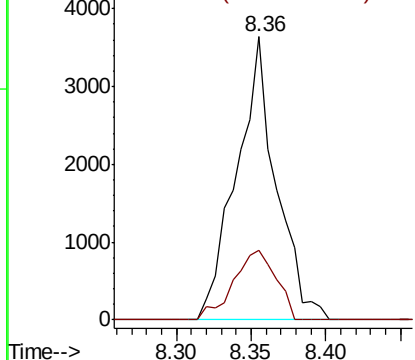


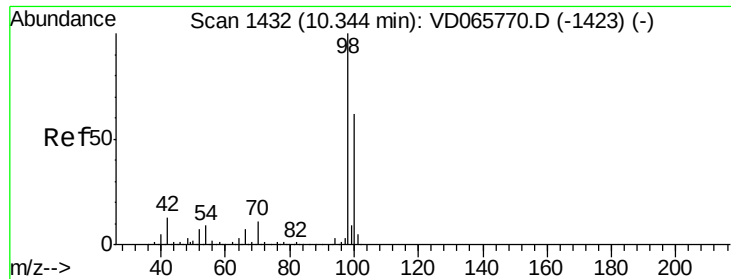
#40
Benzene
Concen: 1.049 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065805.D
Acq: 18 Jun 2020 13:52

Tgt Ion: 78 Resp: 6722
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#50

Toluene-d8

Concen: 42.323 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

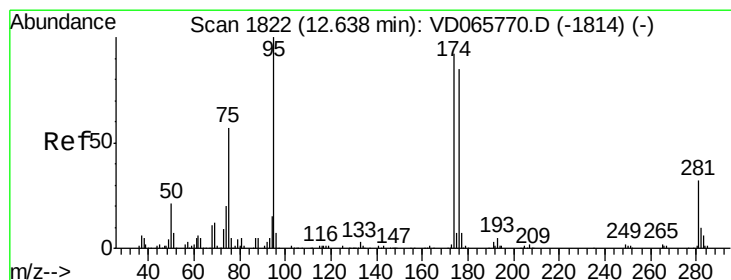
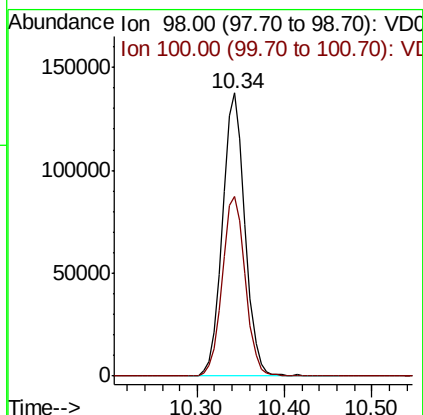
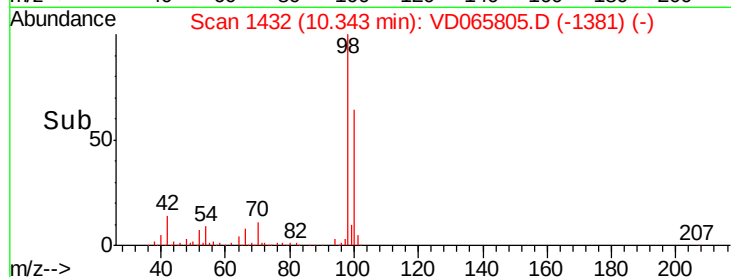
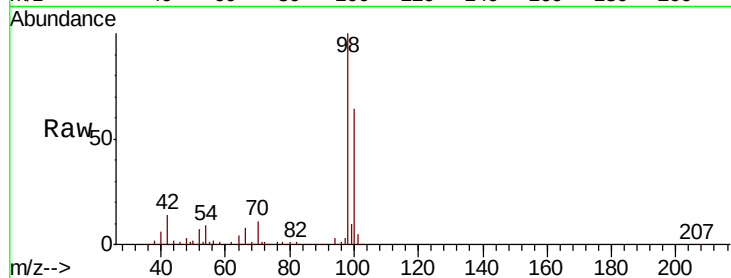
OK-03-061720

Tot Ion: 98 Resp: 244018

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 31.604 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

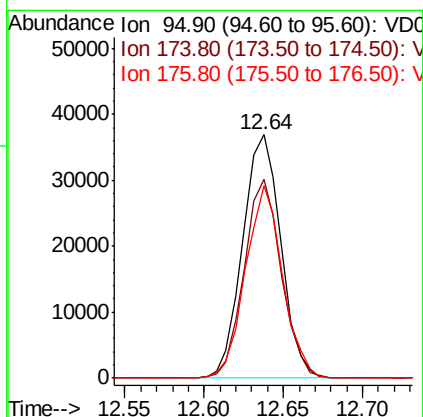
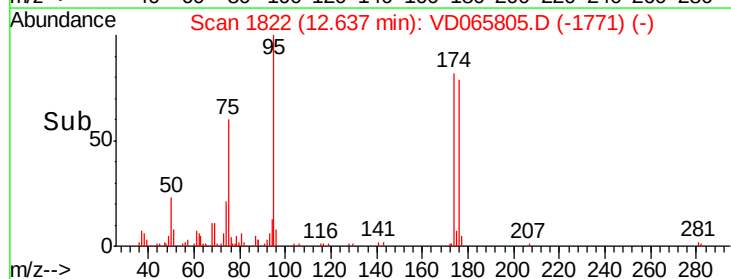
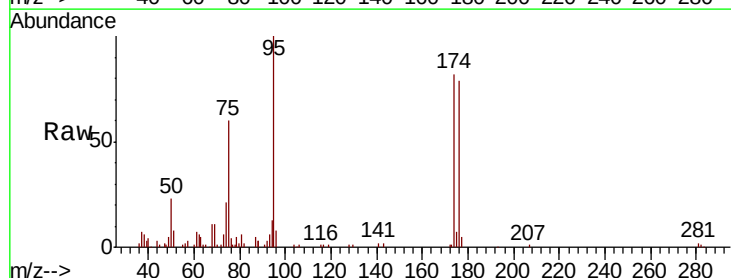
Tgt Ion: 95 Resp: 61797

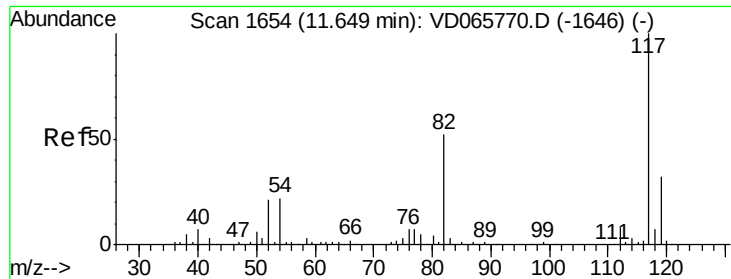
Ion Ratio Lower Upper

95 100

174 79.3 0.0 175.2

176 76.5 0.0 163.0

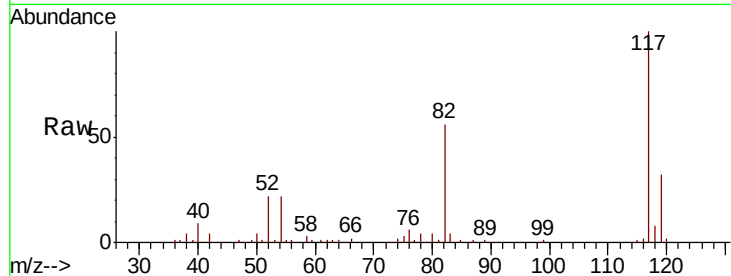




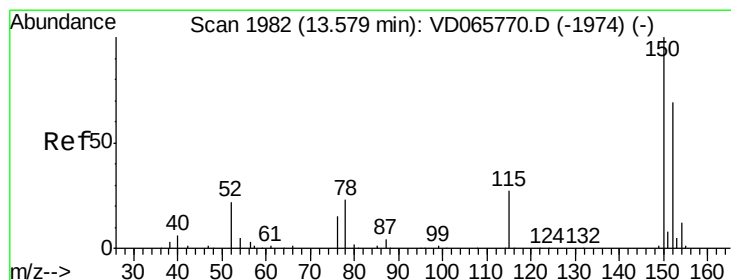
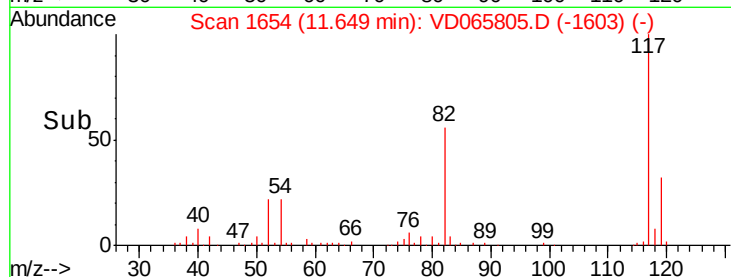
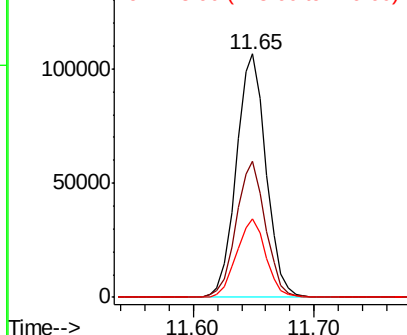
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065805.D
Acq: 18 Jun 2020 13:52

Instrument :
MSVOA_D
ClientSampleId :
OK-03-061720

Tot Ion:117 Resp: 182664
Ion Ratio Lower Upper
117 100
82 55.8 41.9 62.9
119 32.4 25.3 37.9

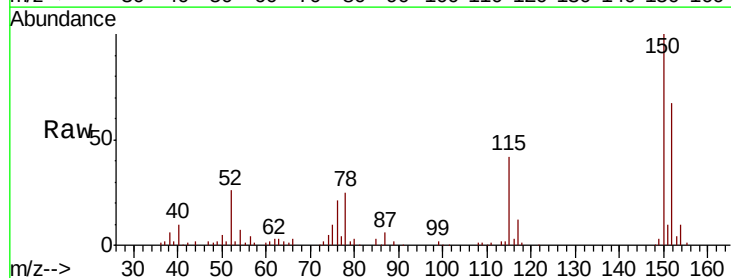


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

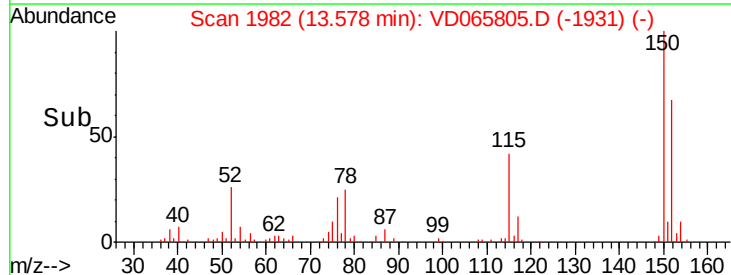
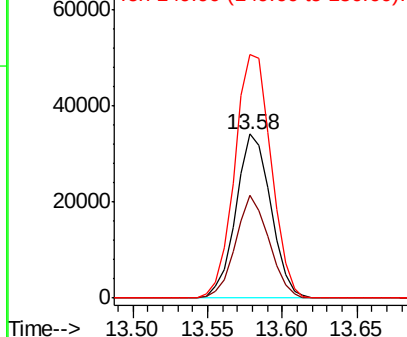


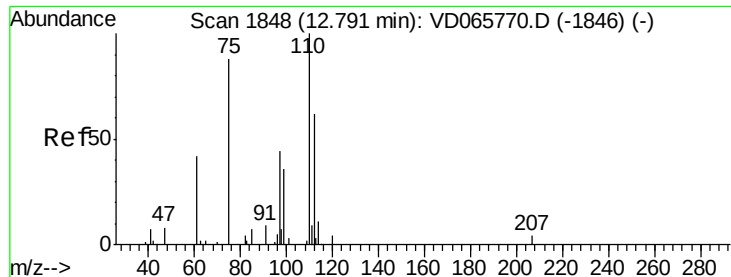
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065805.D
Acq: 18 Jun 2020 13:52

Tgt Ion:152 Resp: 55587
Ion Ratio Lower Upper
152 100
115 59.7 28.7 86.1
150 154.9 0.0 348.0



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: 81.037 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

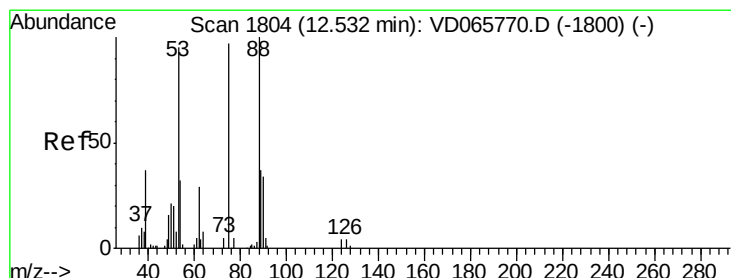
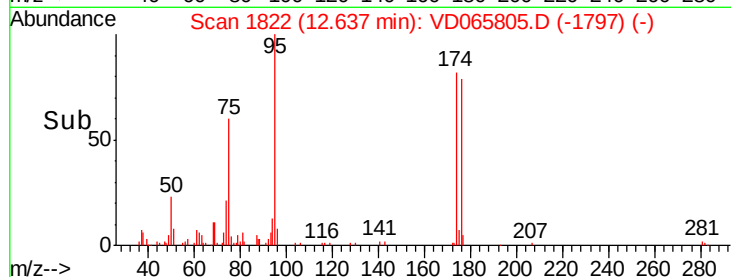
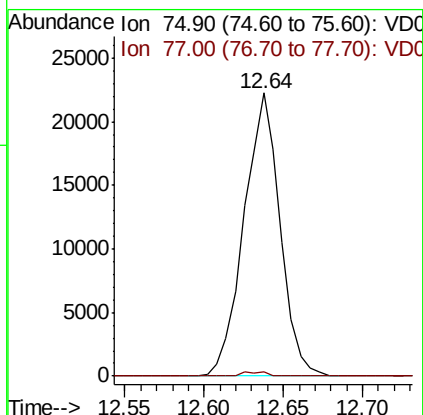
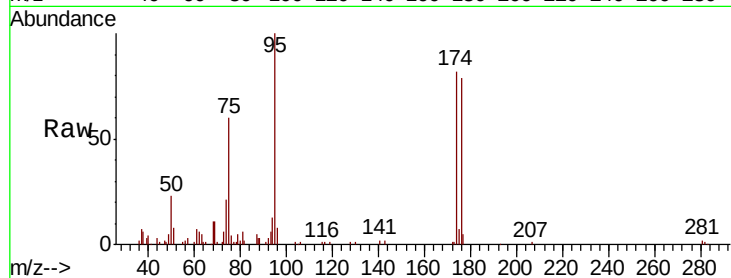
OK-03-061720

Tot Ion: 75 Resp: 35033

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 175.091 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

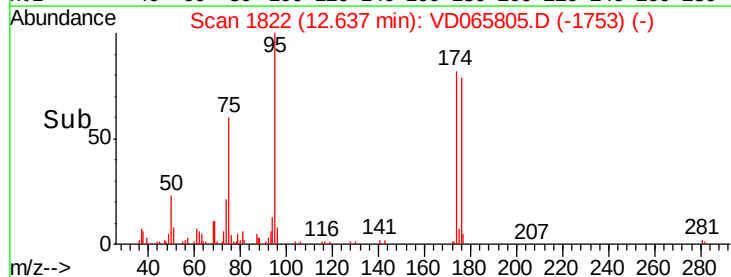
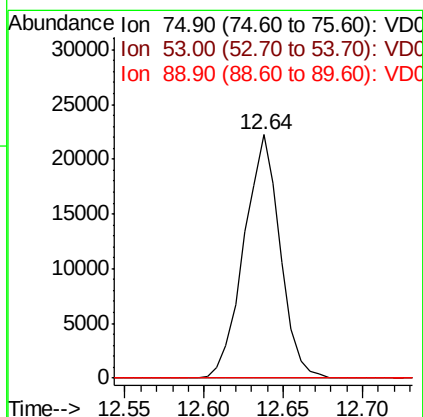
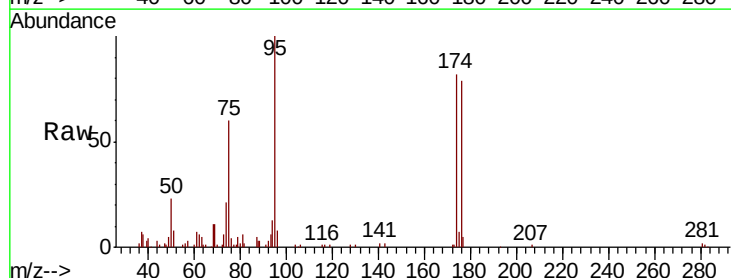
Tgt Ion: 75 Resp: 35033

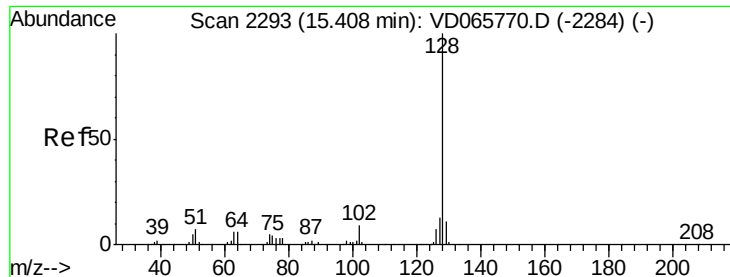
Ion Ratio Lower Upper

75 100

53 0.0 82.6 123.8#

89 0.0 35.9 53.9#





#95

Naphthalene

Concen: 1.483 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD065805.D

Acq: 18 Jun 2020 13:52

Instrument :

MSVOA_D

ClientSampleId :

OK-03-061720

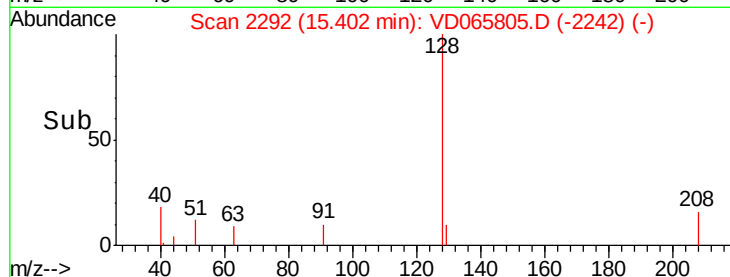
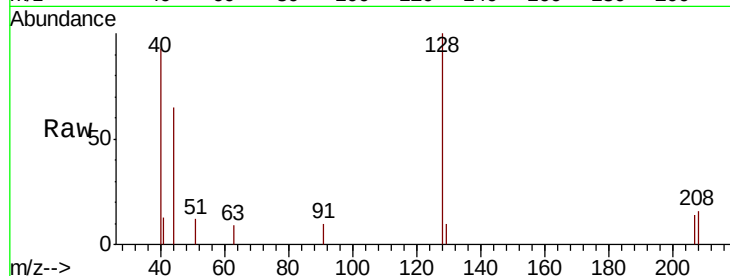
Tot Ion:128 Resp: 2555

Ion Ratio Lower Upper

128 100

127 5.2 10.7 16.1#

129 2.3 8.6 12.8#



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

