

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065782.D
 Acq On : 08 Jun 2020 15:58
 Operator : VA/SY
 Sample : L2929-02RE
 Misc : 6.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 09 06:24:33 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	160364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	282658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	209075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	60292	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	111785	70.54	ug/l	0.00
Spiked Amount			Recovery	=	141.08%	
35) Dibromofluoromethane	7.92	113	102265	57.28	ug/l	0.00
Spiked Amount			Recovery	=	114.56%	
50) Toluene-d8	10.34	98	329668	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.64	95	75497	33.44	ug/l	0.00
Spiked Amount			Recovery	=	66.88%	

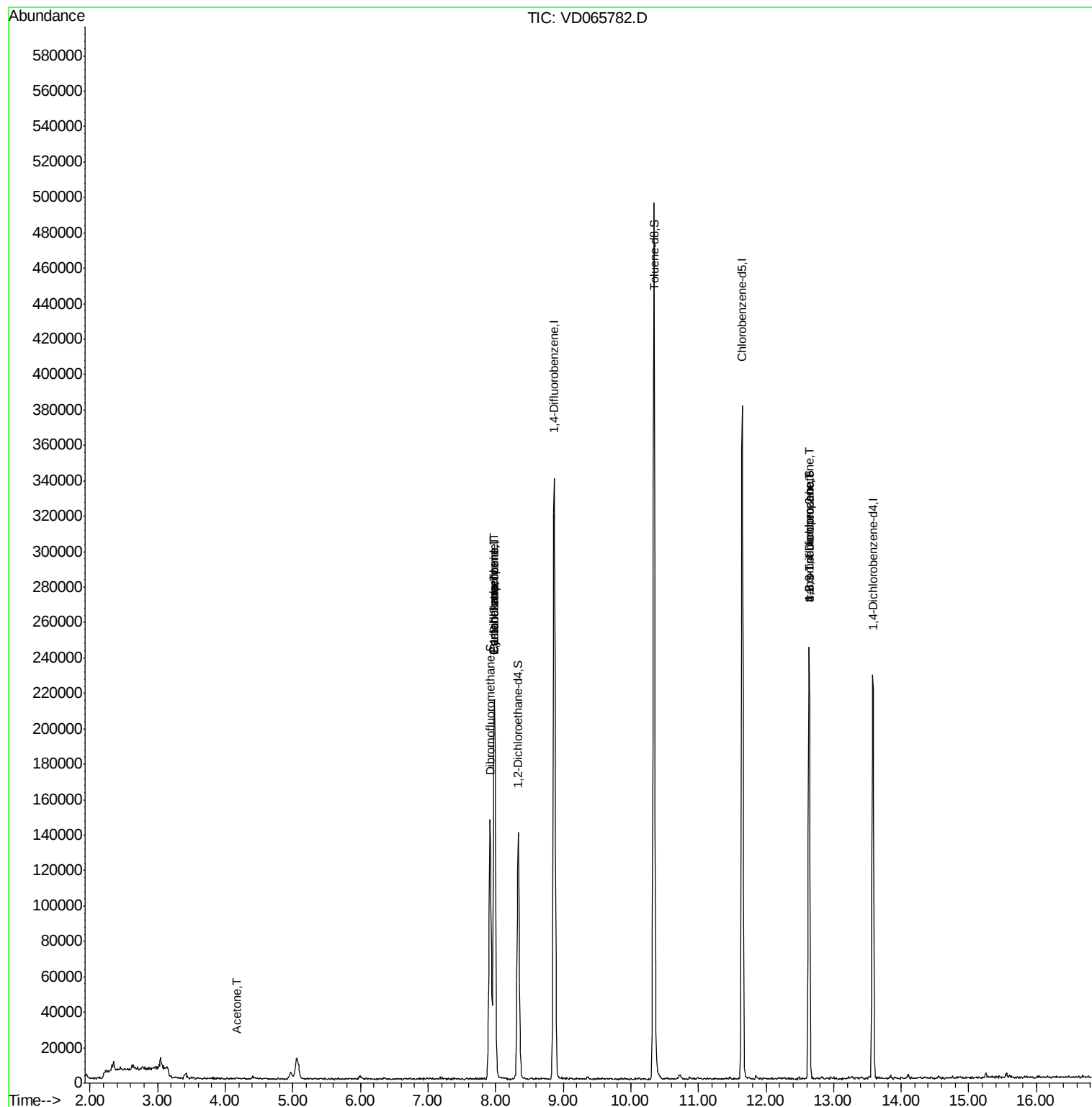
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	66	Below Cal	#	42
3) Chloromethane	2.21	50	411	Below Cal	#	43
16) Acetone	4.17	43	513	1.716	ug/l #	47
18) Methyl Acetate	4.87	43	124	Below Cal	#	52
20) Methylene Chloride	4.96	84	1354	Below Cal	#	72
31) Cyclohexane	7.98	56	4898	1.724	ug/l #	49
36) 1,1-Dichloropropene	7.98	75	12772	4.717	ug/l #	52
38) Carbon Tetrachloride	7.98	117	17040	5.980	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	41447	88.392	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	41447	190.982	ug/l #	9

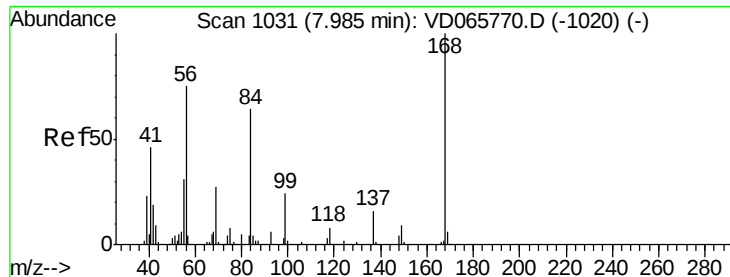
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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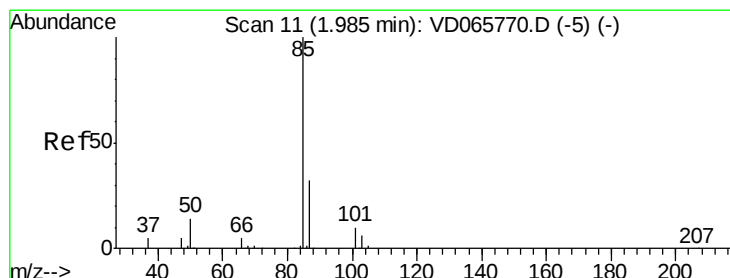
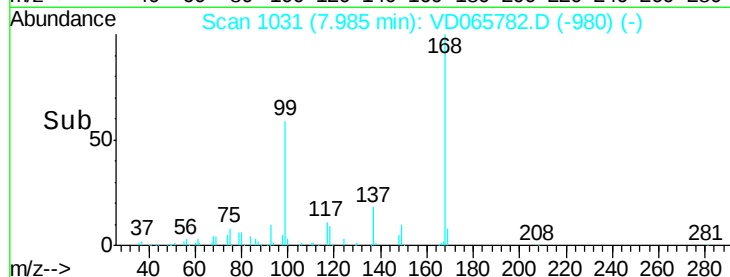
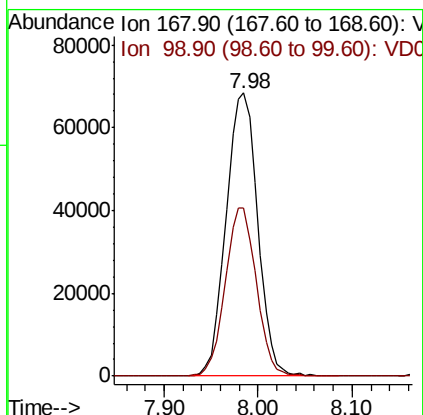
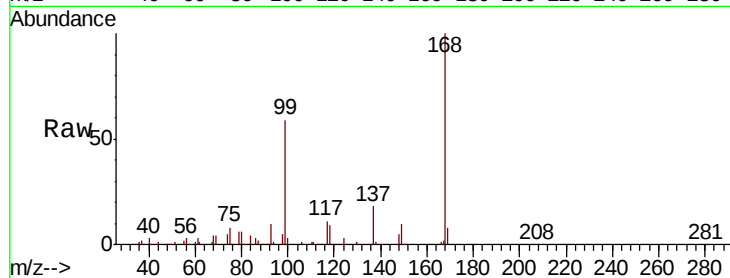




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065782.D
Acq: 08 Jun 2020 15:58

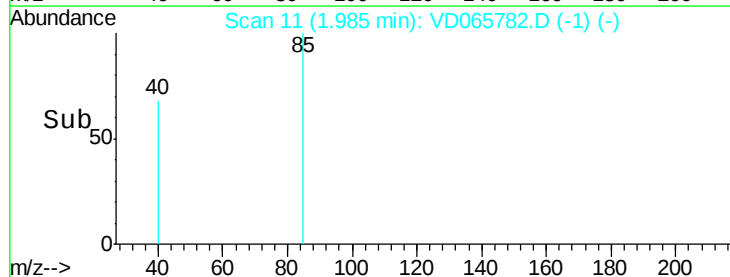
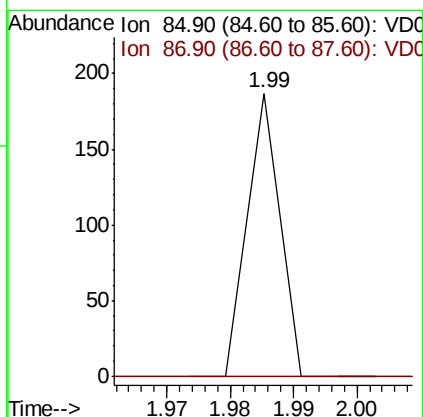
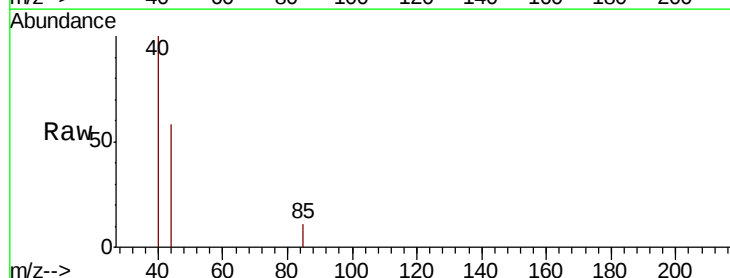
Instrument :
MSVOA_D
ClientSampleId :

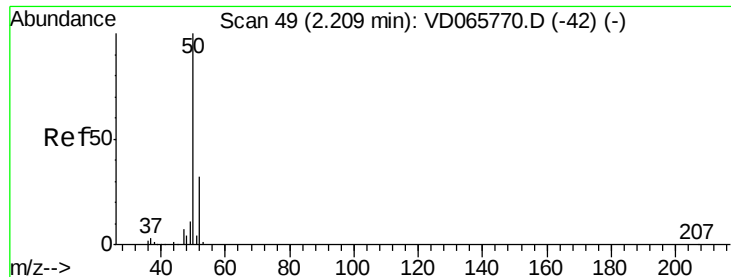
Tot Ion:168 Resp: 160364
Ion Ratio Lower Upper
168 100
99 59.4 45.3 67.9



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 11
Delta R.T. 0.00 min
Lab File: VD065782.D
Acq: 08 Jun 2020 15:58

Tgt Ion: 85 Resp: 66
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.5#





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 50

Delta R.T. 0.01 min

Lab File: VD065782.D

Acq: 08 Jun 2020 15:58

Instrument :

MSVOA_D

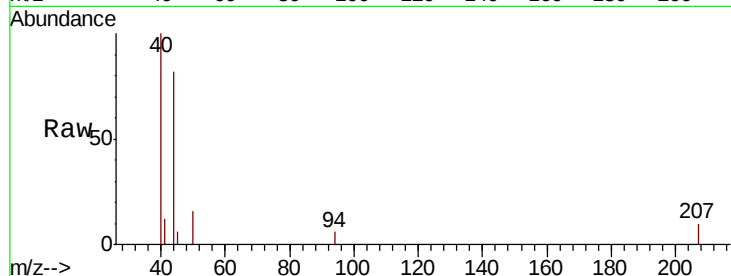
ClientSampleId :

Tot Ion: 50 Resp: 411

Ion Ratio Lower Upper

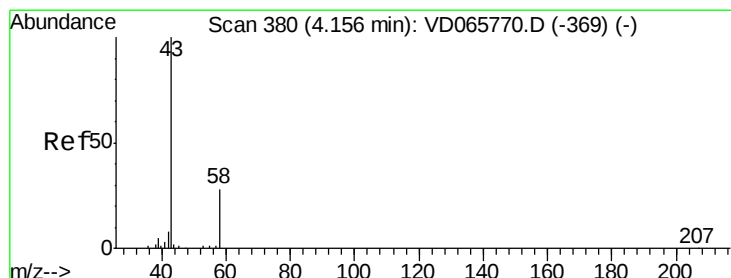
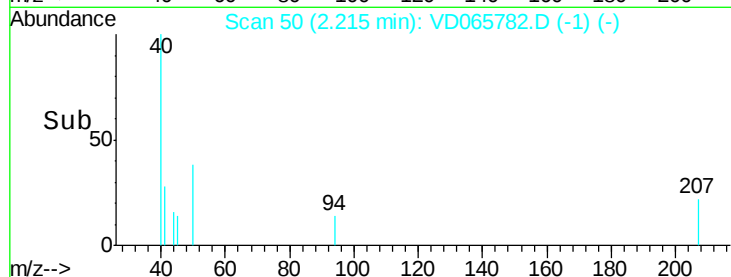
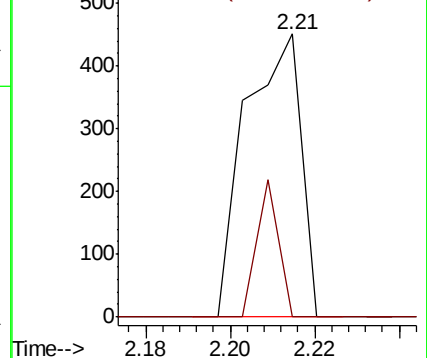
50 100

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: 1.716 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.02 min

Lab File: VD065782.D

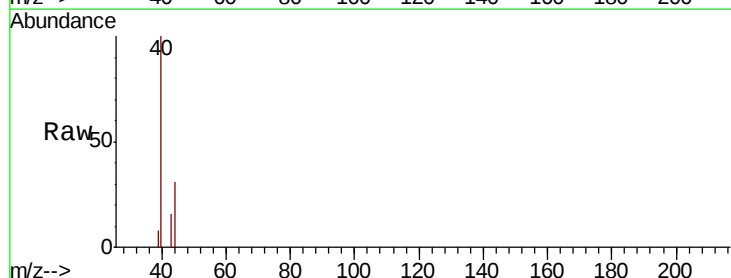
Acq: 08 Jun 2020 15:58

Tgt Ion: 43 Resp: 513

Ion Ratio Lower Upper

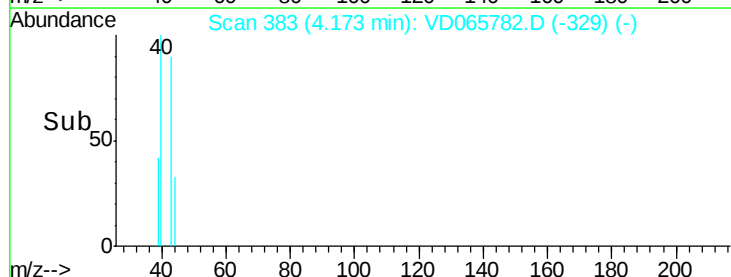
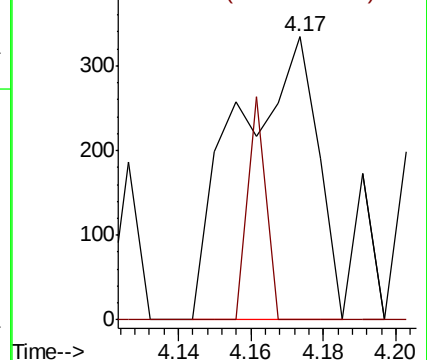
43 100

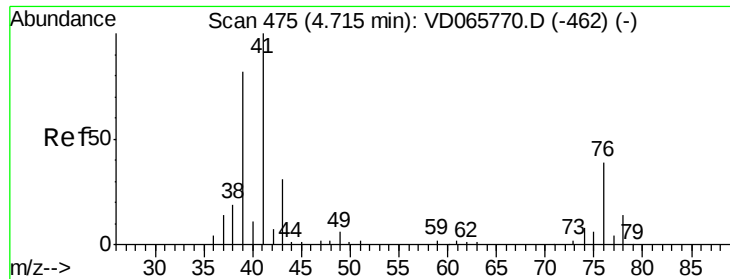
58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

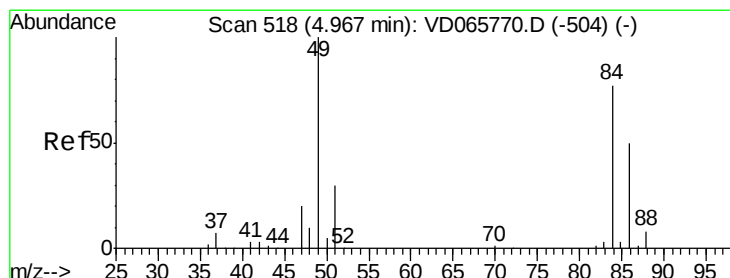
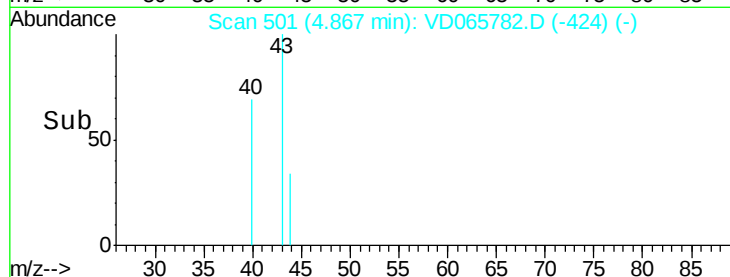
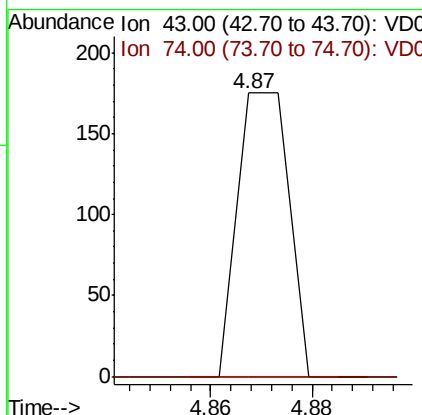
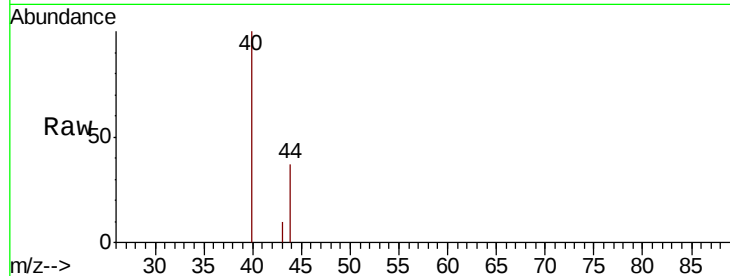




#18
Methyl Acetate
Concen: Below Cal
RT: 4.87 min Scan# 501
Delta R.T. 0.15 min
Lab File: VD065782.D
Acq: 08 Jun 2020 15:58

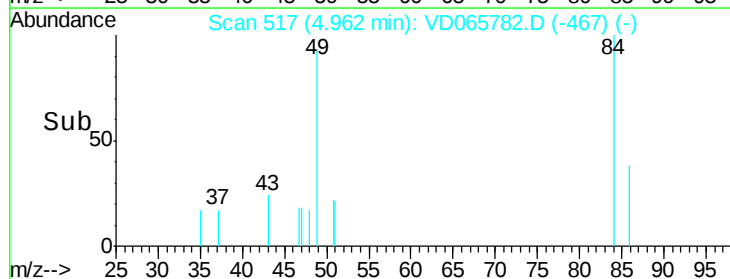
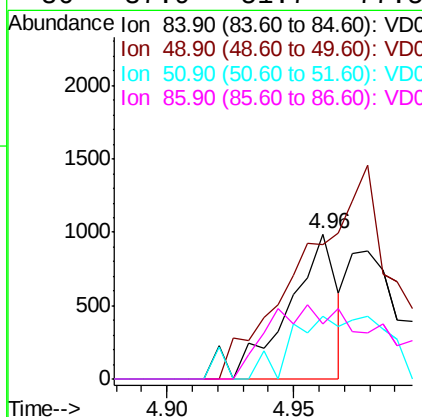
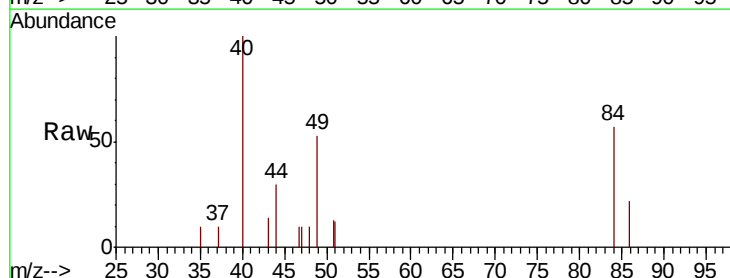
Instrument :
MSVOA_D
ClientSampleId :

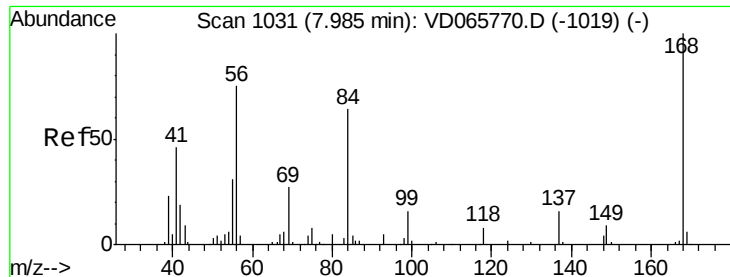
Tot Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065782.D
Acq: 08 Jun 2020 15:58

Tgt Ion: 84 Resp: 1354
Ion Ratio Lower Upper
84 100
49 92.8 103.4 155.0#
51 43.3 31.4 47.2
86 37.9 51.7 77.5#

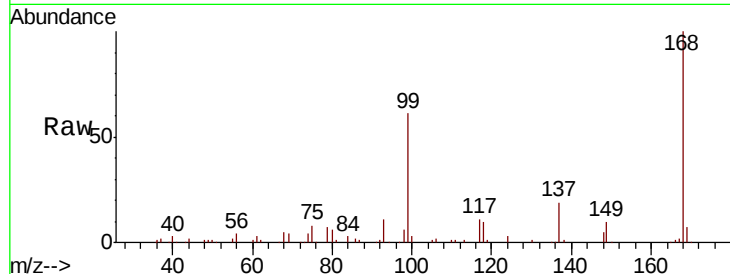




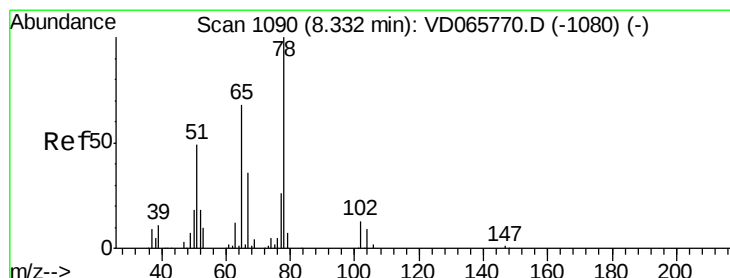
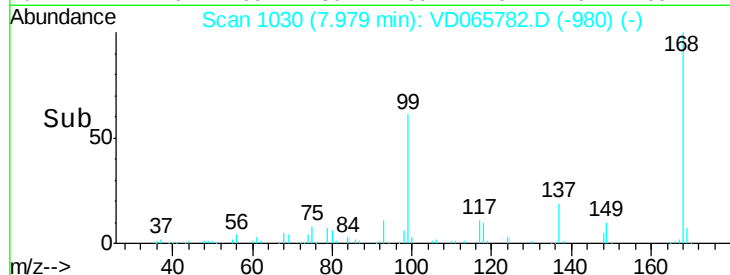
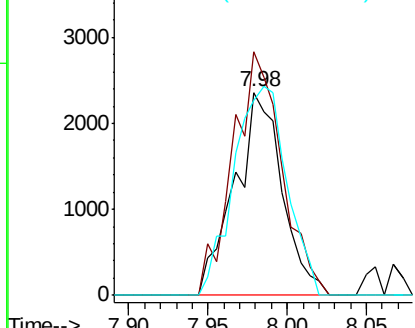
#31
Cyclohexane
Concen: 1.724 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065782.D
Acq: 08 Jun 2020 15:58

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 4898
Ion Ratio Lower Upper
56 100
69 119.9 28.5 42.7#
84 96.3 68.4 102.6

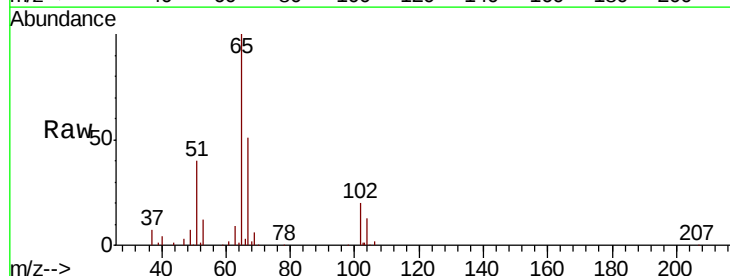


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

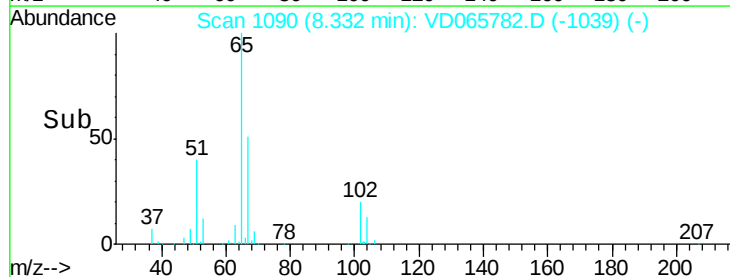
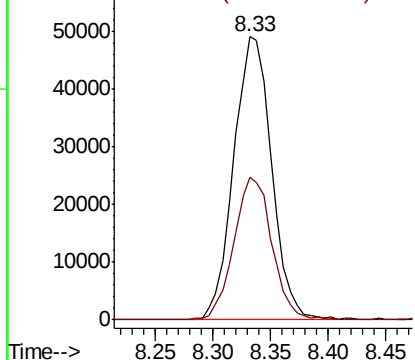


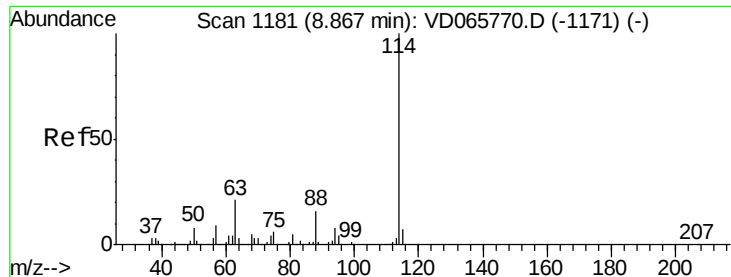
#33
1,2-Dichloroethane-d4
Concen: 70.544 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065782.D
Acq: 08 Jun 2020 15:58

Tgt Ion: 65 Resp: 111785
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

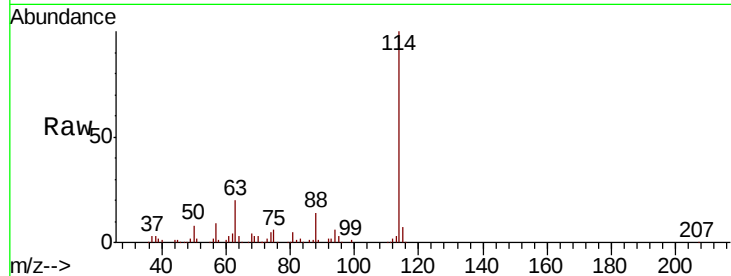




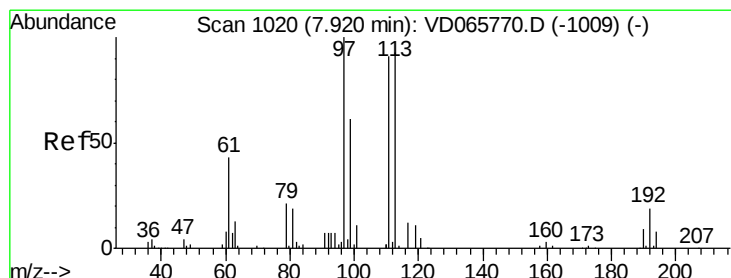
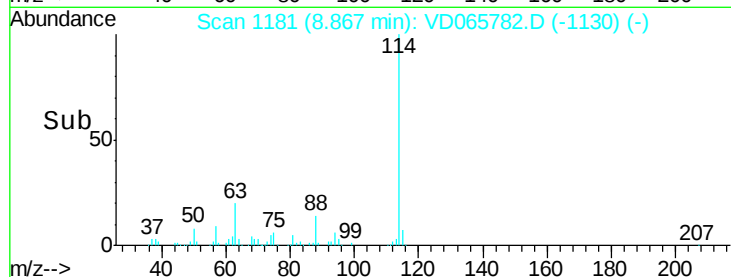
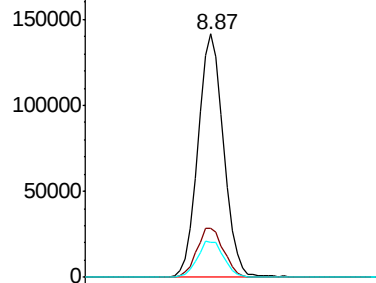
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065782.D
 Acq: 08 Jun 2020 15:58

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.8
88	14.2	0.0	32.0

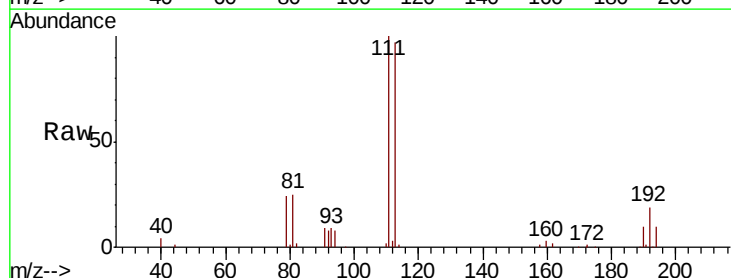


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

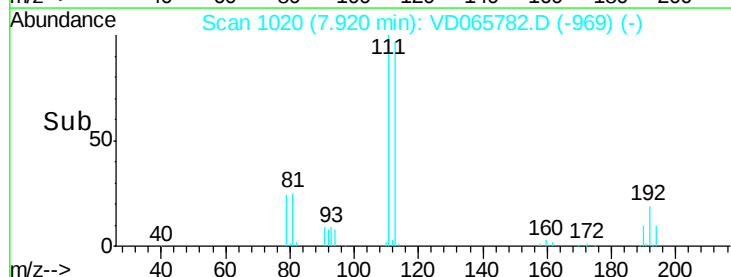
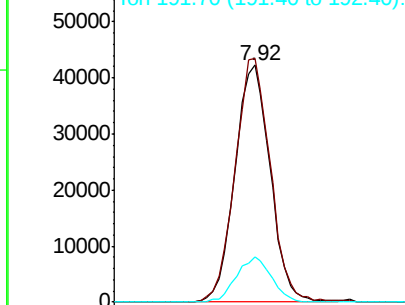


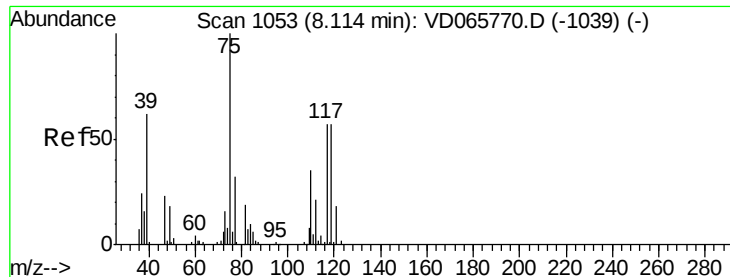
#35
 Dibromofluoromethane
 Concen: 57.277 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065782.D
 Acq: 08 Jun 2020 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.4	125.0
192	18.8	15.7	23.5



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: 4.717 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065782.D

Acq: 08 Jun 2020 15:58

Instrument :
MSVOA_D
ClientSampleId :

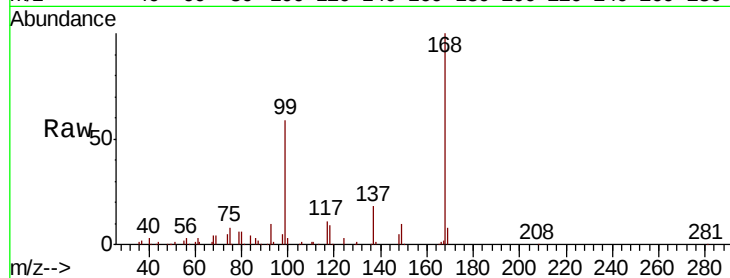
Tot Ion: 75 Resp: 12772

Ion Ratio Lower Upper

75 100

110 11.5 17.6 52.8#

77 0.0 25.1 37.7#

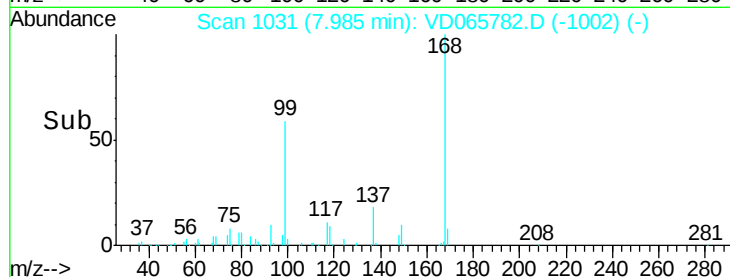


Abundance Ion 74.90 (74.60 to 75.60): VD065770.D (-1039) (-)

Ion 109.90 (109.60 to 110.60): VD065770.D (-1039) (-)

Ion 76.90 (76.60 to 77.60): VD065770.D (-1039) (-)

Time-->

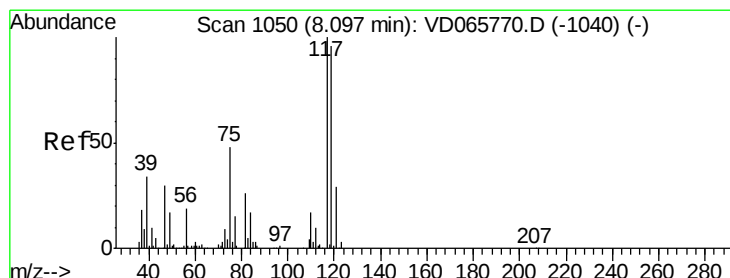


Abundance Ion 74.90 (74.60 to 75.60): VD065782.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VD065782.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VD065782.D (-1002) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.980 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065782.D

Acq: 08 Jun 2020 15:58

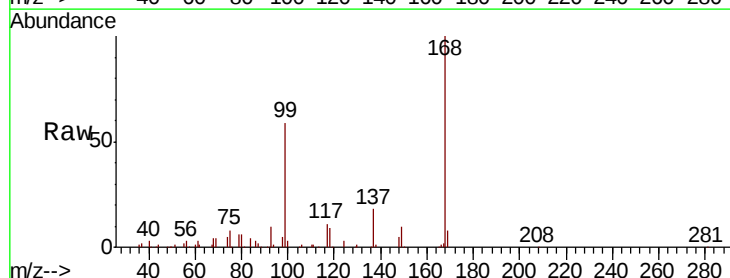
Tgt Ion: 117 Resp: 17040

Ion Ratio Lower Upper

117 100

119 3.9 76.8 115.2#

121 0.0 23.4 35.2#

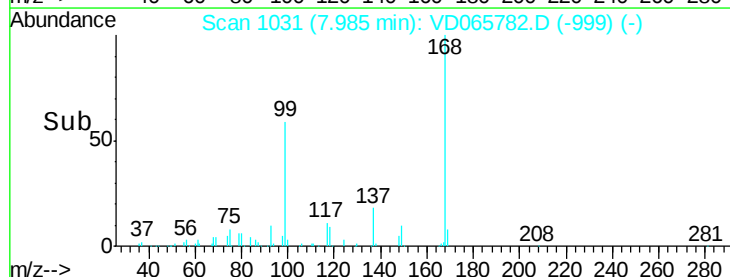


Abundance Ion 116.80 (116.50 to 117.50): VD065770.D (-1040) (-)

Ion 118.80 (118.50 to 119.50): VD065770.D (-1040) (-)

Ion 120.80 (120.50 to 121.50): VD065770.D (-1040) (-)

Time-->

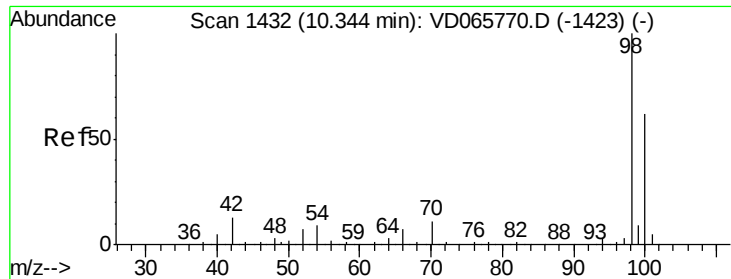


Abundance Ion 116.80 (116.50 to 117.50): VD065782.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD065782.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD065782.D (-999) (-)

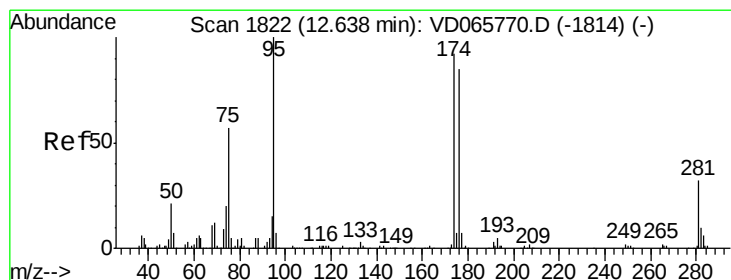
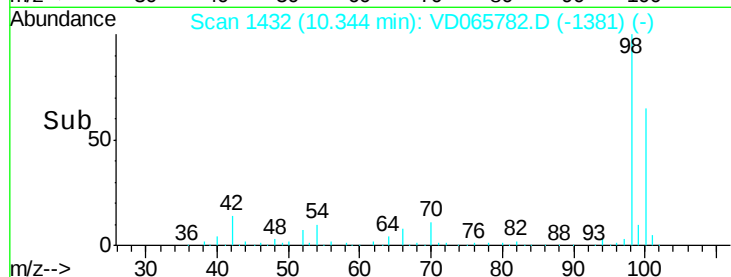
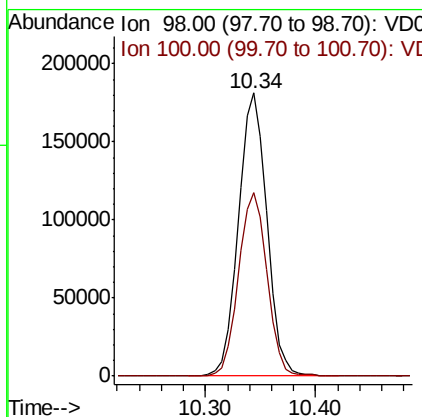
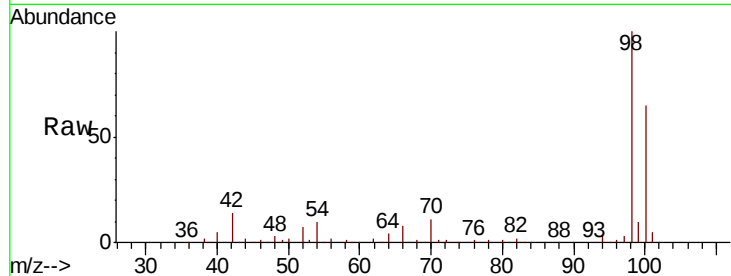
Time-->



#50
Toluene-d8
Concen: 49.517 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065782.D
Acq: 08 Jun 2020 15:58

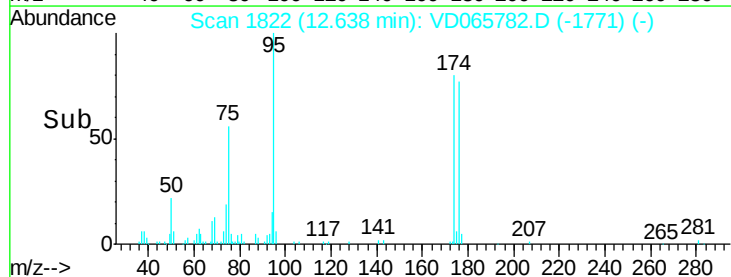
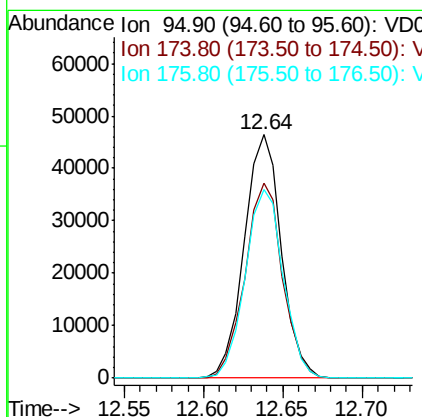
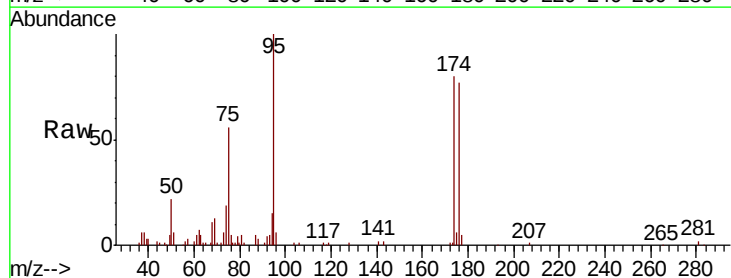
Instrument :
MSVOA_D
ClientSampleId :

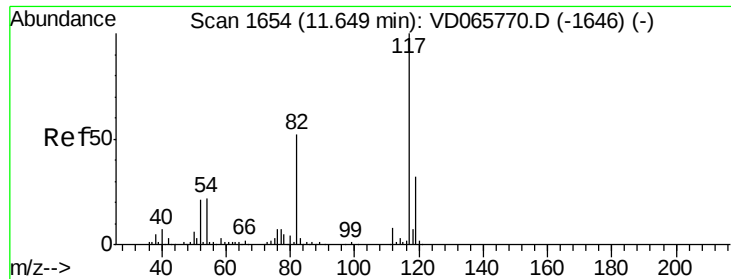
Tot Ion: 98 Resp: 329668
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 33.438 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065782.D
Acq: 08 Jun 2020 15:58

Tgt Ion: 95 Resp: 75497
Ion Ratio Lower Upper
95 100
174 81.1 0.0 175.2
176 79.3 0.0 163.0

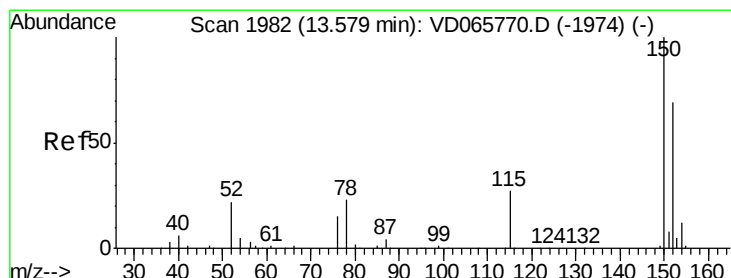
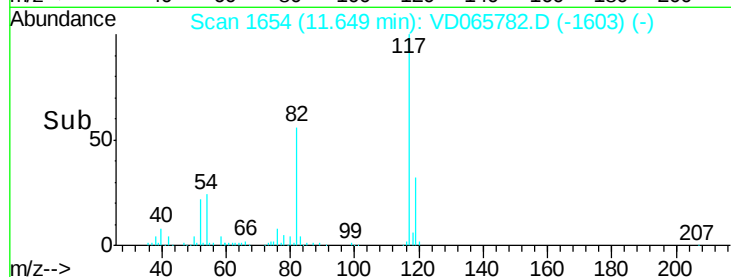
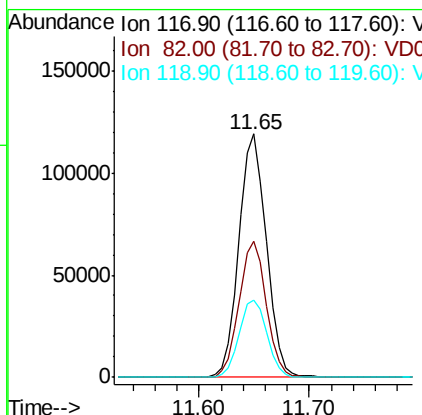
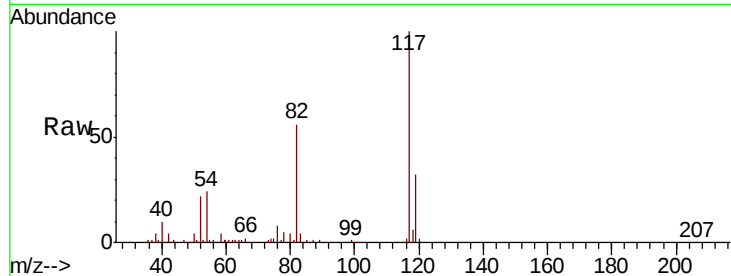




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065782.D
Acq: 08 Jun 2020 15:58

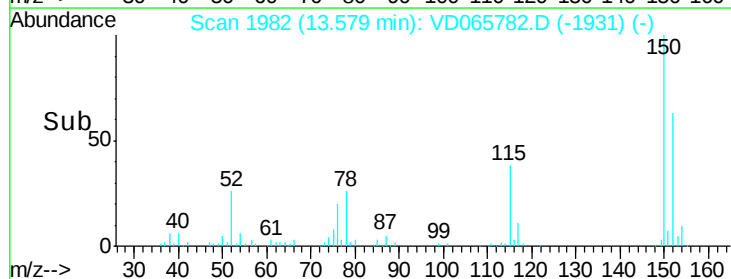
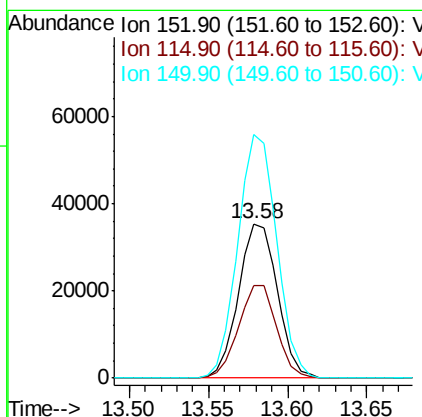
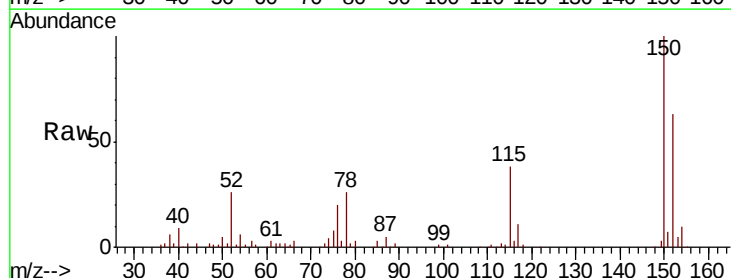
Instrument :
MSVOA_D
ClientSampleId :

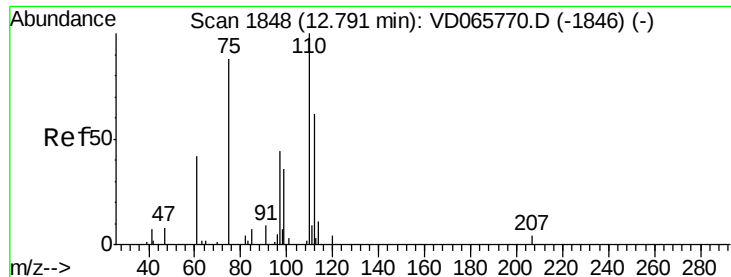
Tot Ion:117 Resp: 209075
Ion Ratio Lower Upper
117 100
82 56.0 41.9 62.9
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065782.D
Acq: 08 Jun 2020 15:58

Tgt Ion:152 Resp: 60292
Ion Ratio Lower Upper
152 100
115 58.9 28.7 86.1
150 157.7 0.0 348.0





#76

1,2,3-Trichloropropane

Concen: 88.392 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065782.D

Acq: 08 Jun 2020 15:58

Instrument :

MSVOA_D

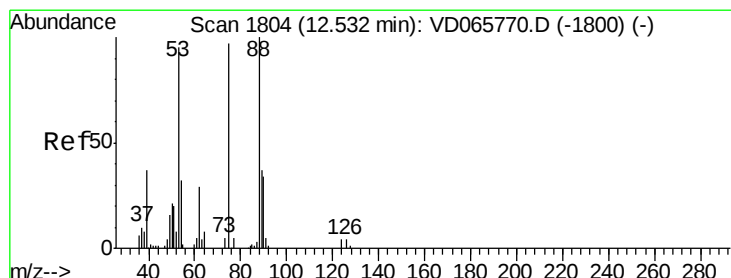
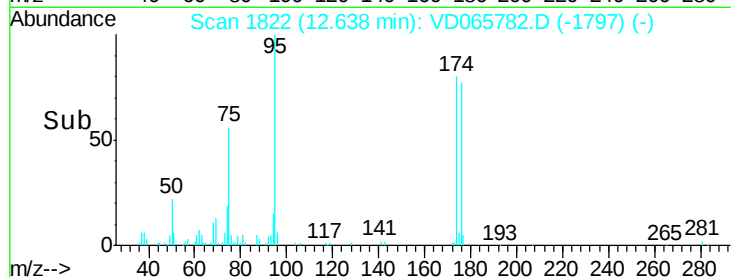
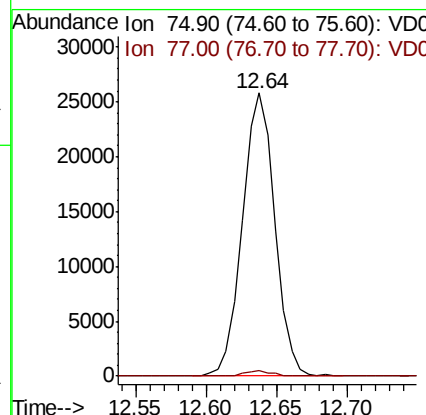
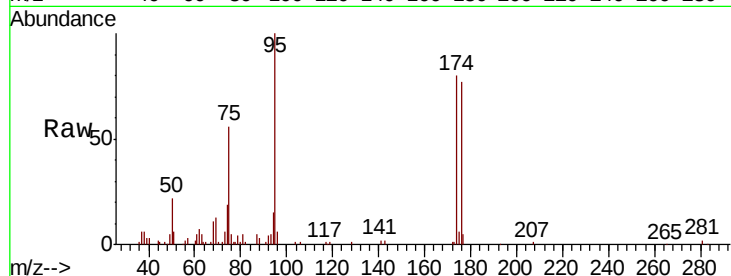
ClientSampleId :

Tot Ion: 75 Resp: 41447

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 190.982 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065782.D

Acq: 08 Jun 2020 15:58

Tgt Ion: 75 Resp: 41447

Ion Ratio Lower Upper

75 100

53 0.0 82.6 123.8#

89 0.0 35.9 53.9#

