

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065197.D
 Acq On : 17 Feb 2020 15:29
 Operator : VA/SY
 Sample : L1484-02
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Quant Time: Feb 18 03:15:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

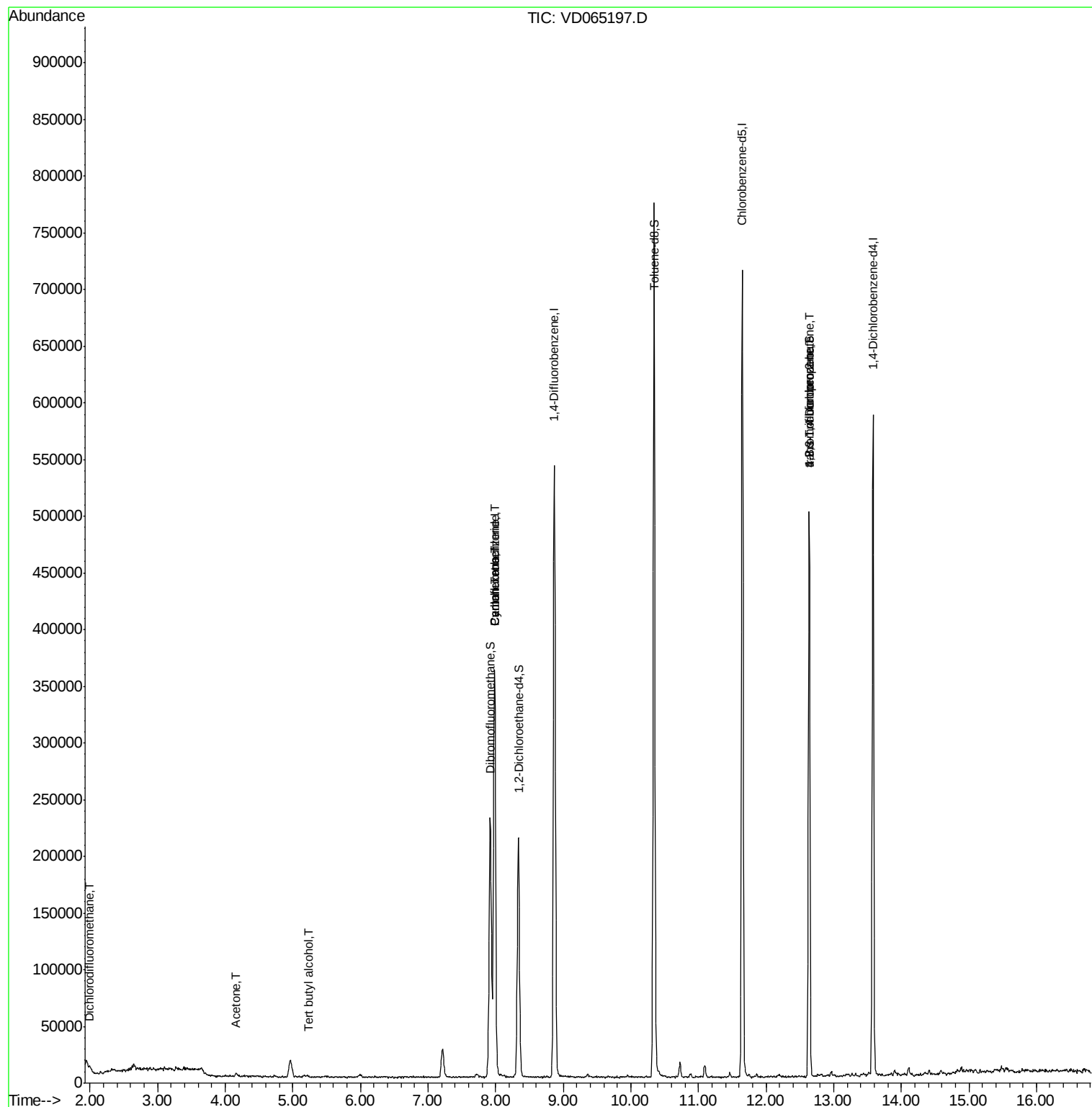
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	282136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	470860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	414689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	158929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	170470	71.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.18%	
35) Dibromofluoromethane	7.92	113	161891	61.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.24%	
50) Toluene-d8	10.34	98	525590	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.64	95	152349	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	2799	1.192	ug/l	83
11) Tert butyl alcohol	5.24	59	193	1.317	ug/l #	71
16) Acetone	4.16	43	4190	6.989	ug/l #	88
31) Cyclohexane	7.98	56	6135	1.286	ug/l #	19
38) Carbon Tetrachloride	7.98	117	27232	6.090	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.94	63	444	Below Cal	#	46
76) 1,2,3-Trichloropropane	12.64	75	74877	62.228	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	74877	124.452	ug/l #	10

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

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Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065197.D

Acq: 17 Feb 2020 15:29

Instrument :

MSVOA_D

ClientSampleId :

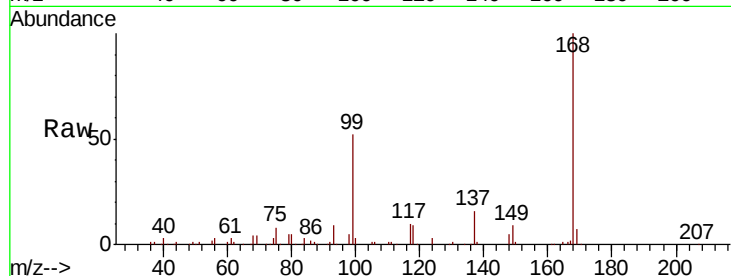
SP-2

Tot Ion:168 Resp: 282136

Ion Ratio Lower Upper

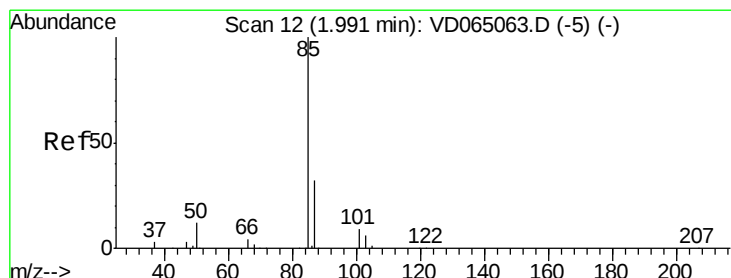
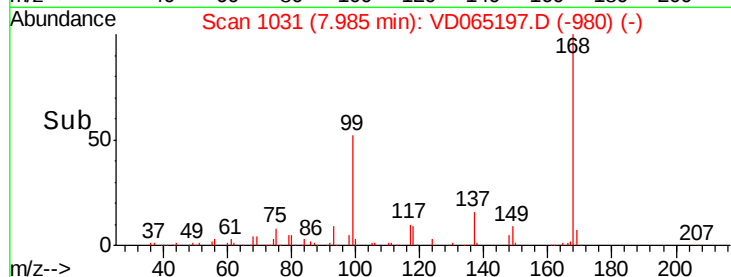
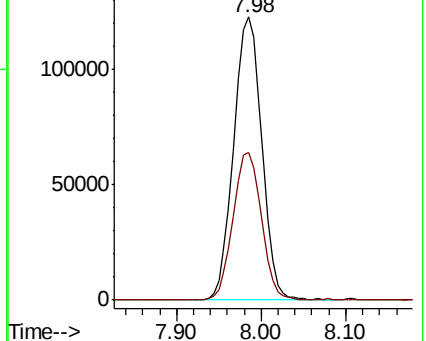
168 100

99 52.1 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 1.192 ug/l

RT: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD065197.D

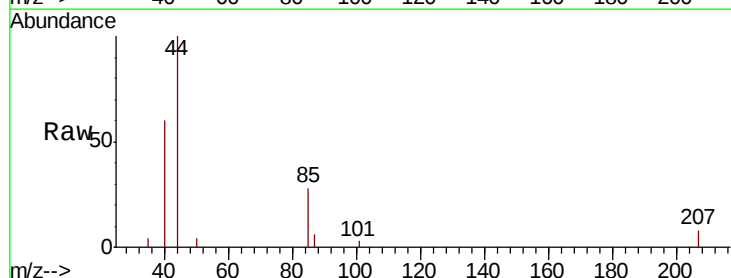
Acq: 17 Feb 2020 15:29

Tgt Ion: 85 Resp: 2799

Ion Ratio Lower Upper

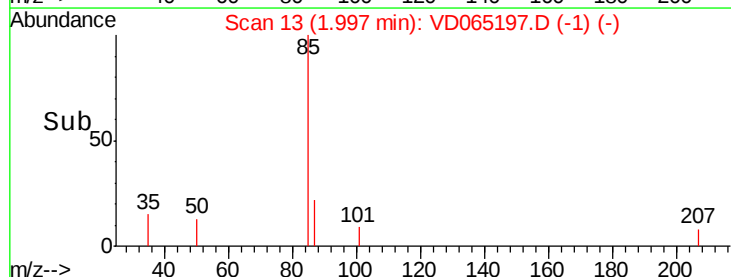
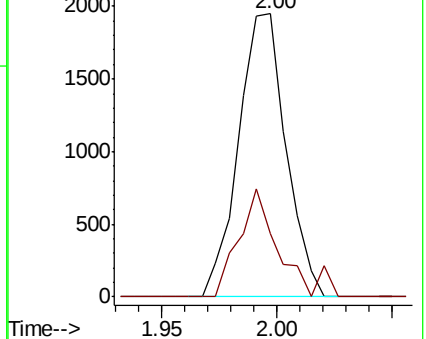
85 100

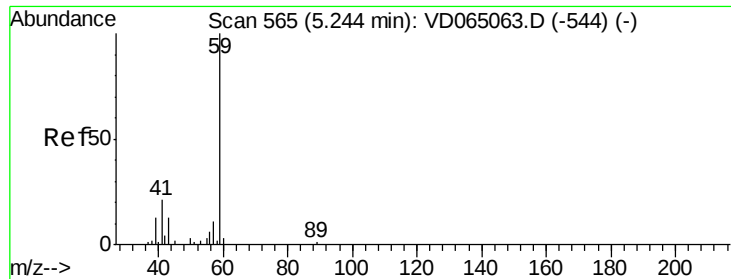
87 22.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



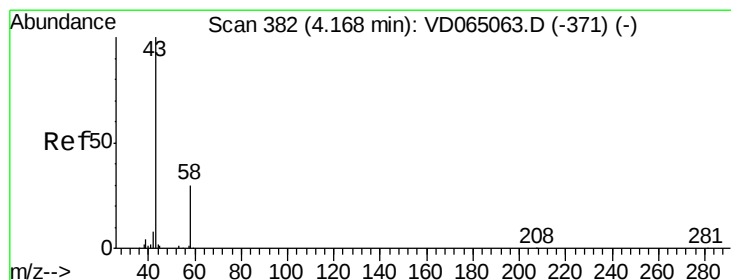
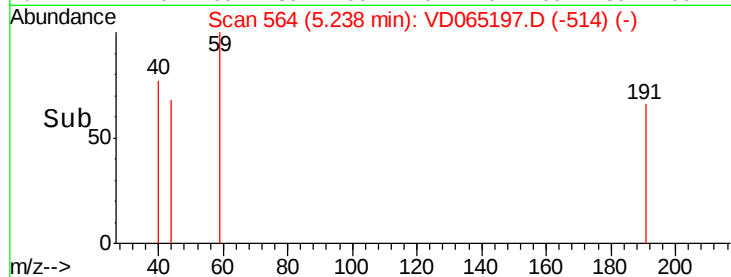
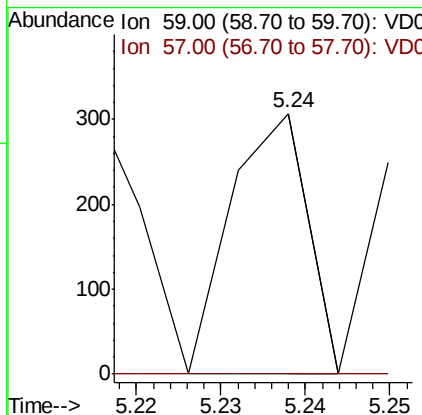
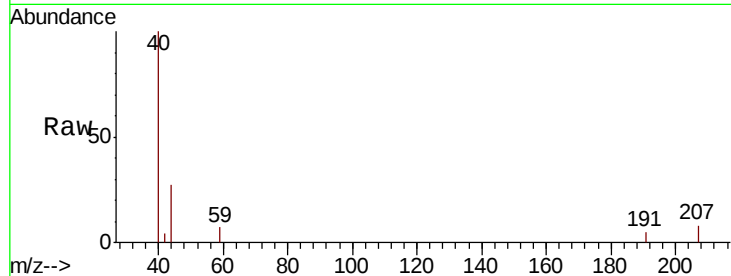


#11

Tert butyl alcohol
 Concen: 1.317 ug/l
 RT: 5.24 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VD065197.D
 Acq: 17 Feb 2020 15:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

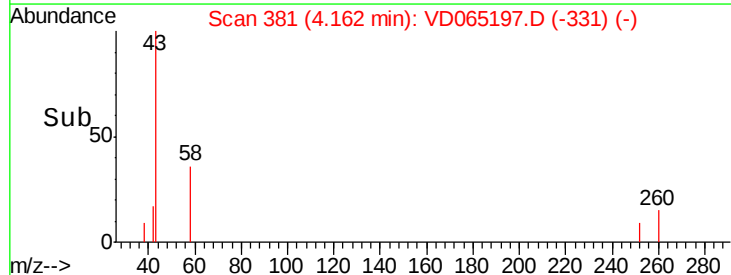
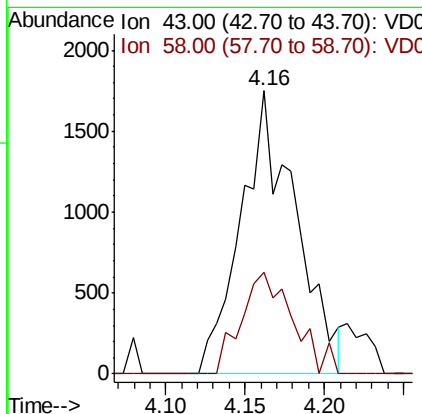
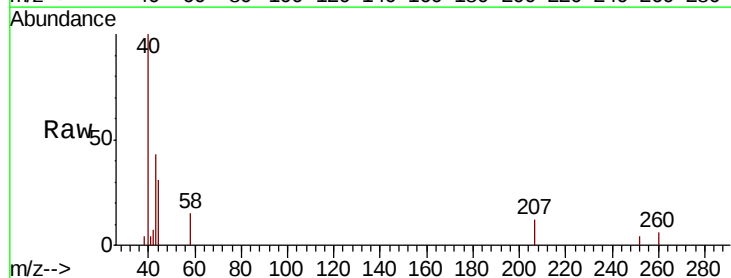
Tot Ion: 59 Resp: 193
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

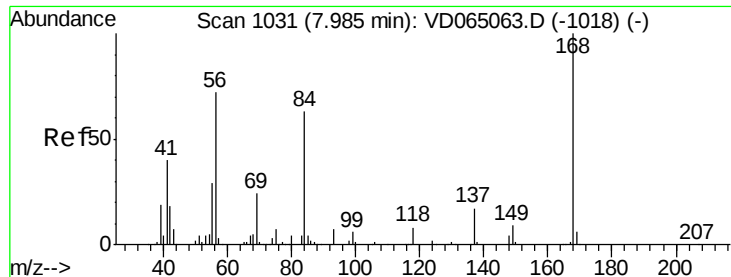


#16

Acetone
 Concen: 6.989 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VD065197.D
 Acq: 17 Feb 2020 15:29

Tgt Ion: 43 Resp: 4190
 Ion Ratio Lower Upper
 43 100
 58 35.8 23.5 35.3#

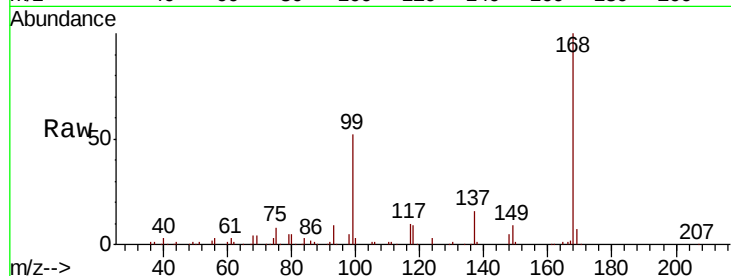




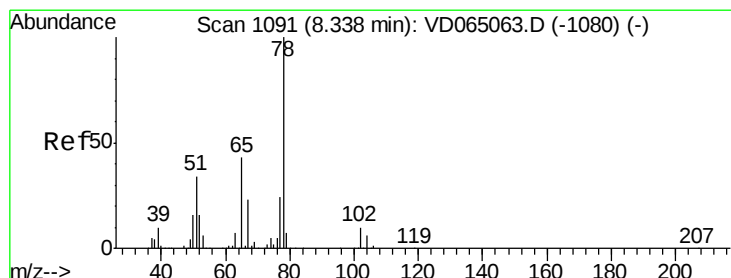
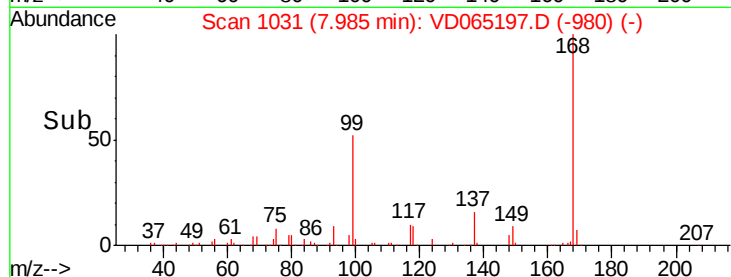
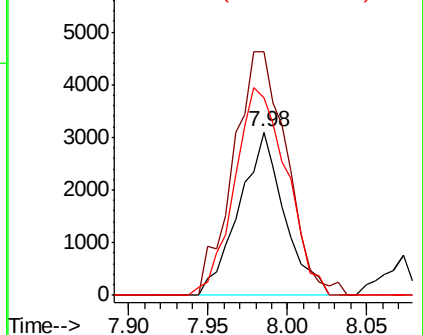
#31
Cyclohexane
Concen: 1.286 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065197.D
Acq: 17 Feb 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
SP-2

Tot Ion: 56 Resp: 6135
Ion Ratio Lower Upper
56 100
69 149.3 26.6 40.0#
84 121.0 70.6 106.0#

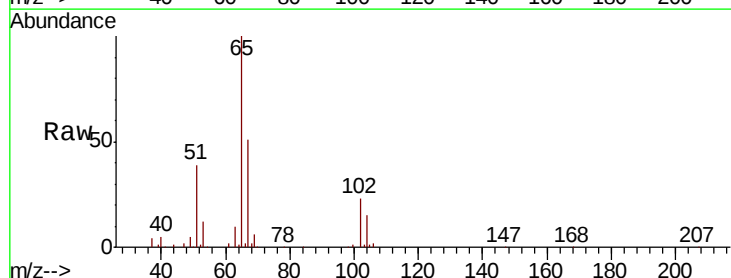


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

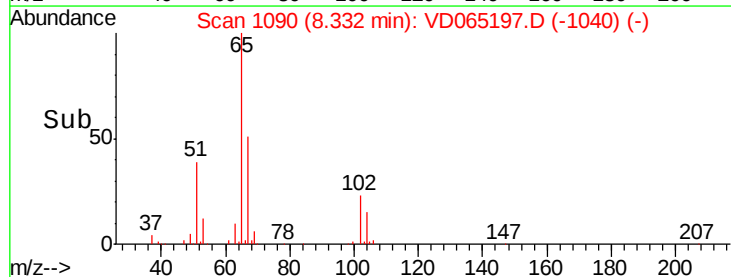
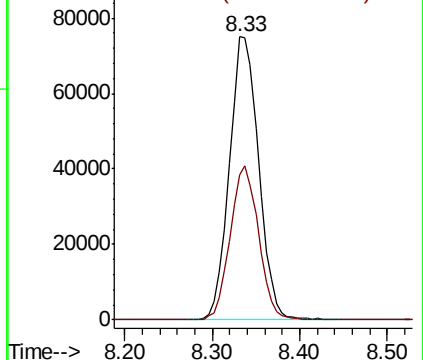


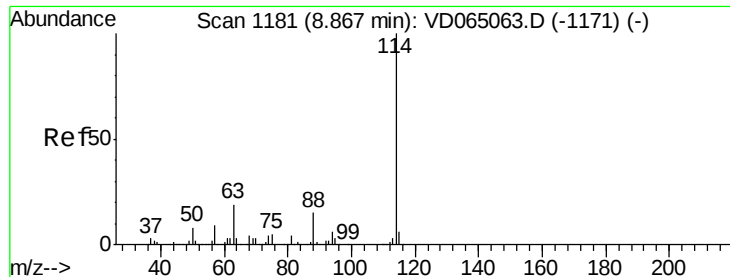
#33
1,2-Dichloroethane-d4
Concen: 71.091 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065197.D
Acq: 17 Feb 2020 15:29

Tgt Ion: 65 Resp: 170470
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8



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

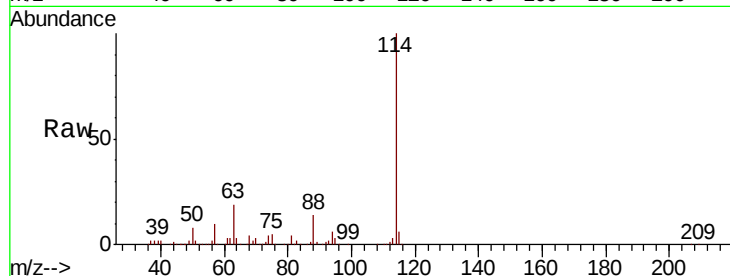




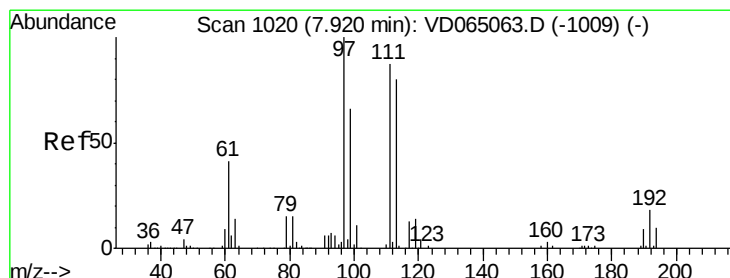
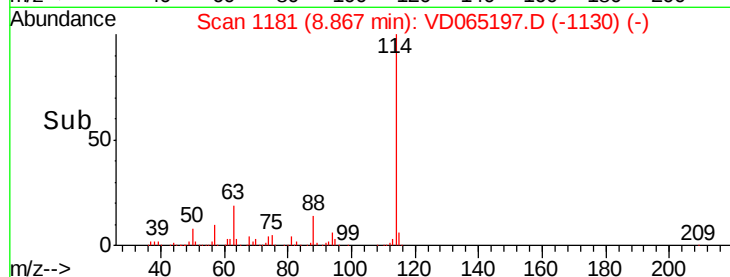
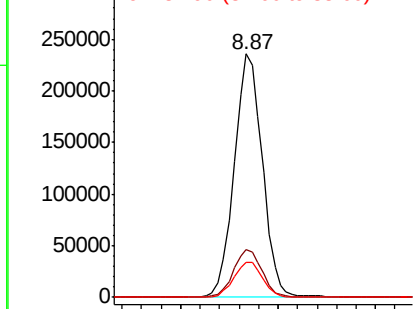
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065197.D
Acq: 17 Feb 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.8
88	14.2	0.0	29.6

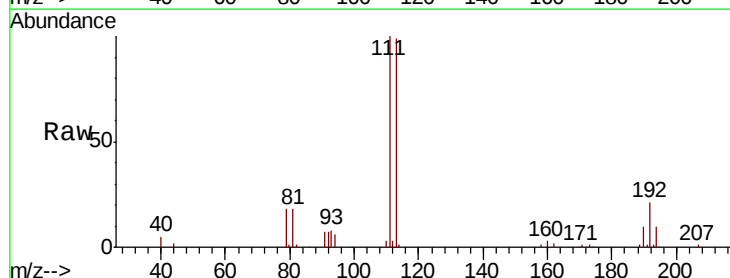


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

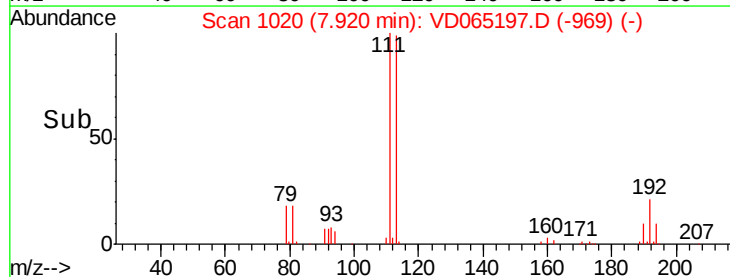
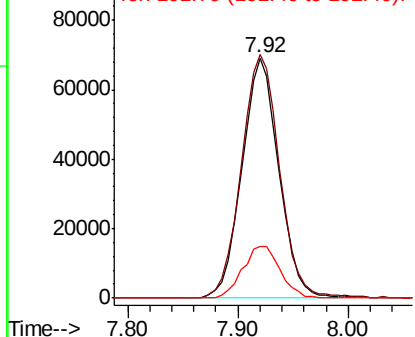


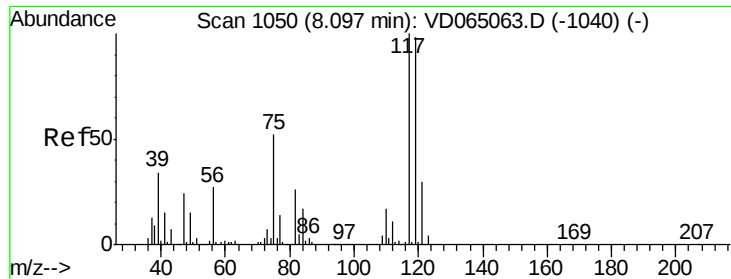
#35
Dibromofluoromethane
Concen: 61.623 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065197.D
Acq: 17 Feb 2020 15:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.3	83.1	124.7
192	22.1	18.1	27.1



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

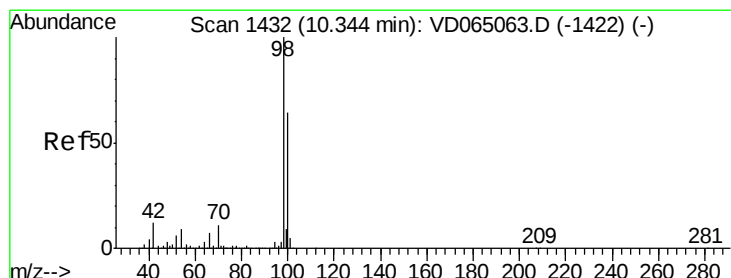
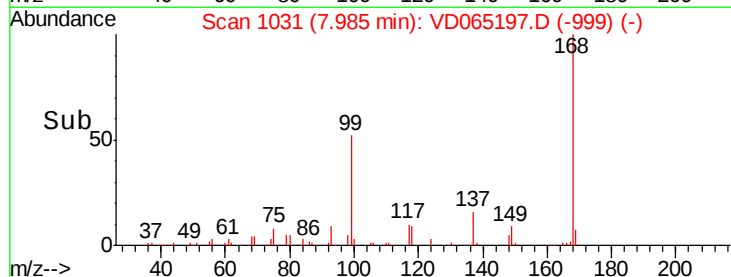
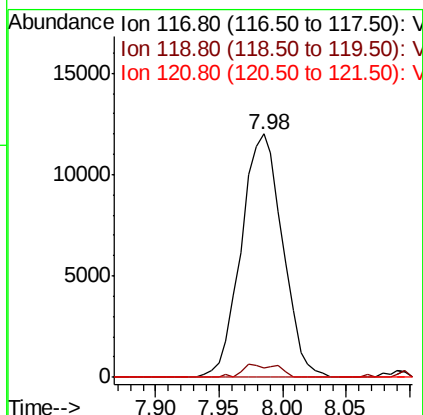
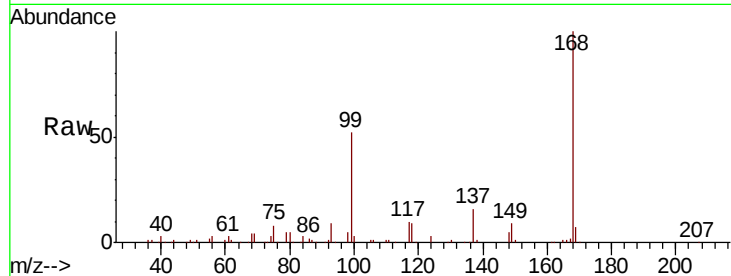




#38
Carbon Tetrachloride
Concen: 6.090 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065197.D
Acq: 17 Feb 2020 15:29

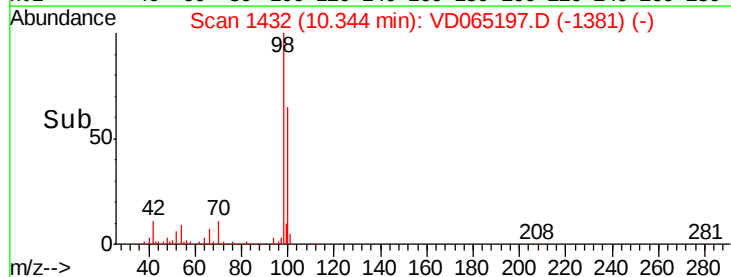
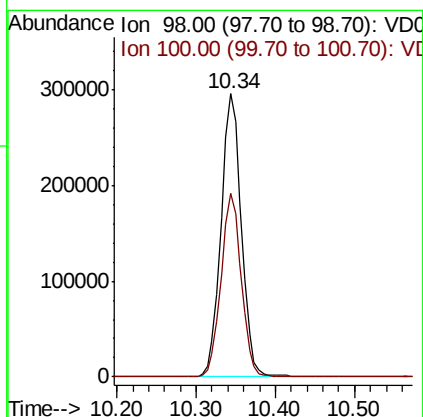
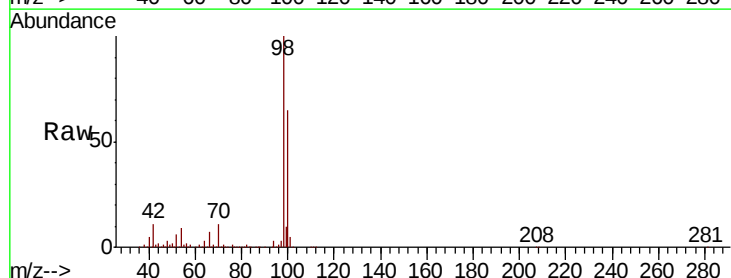
Instrument :
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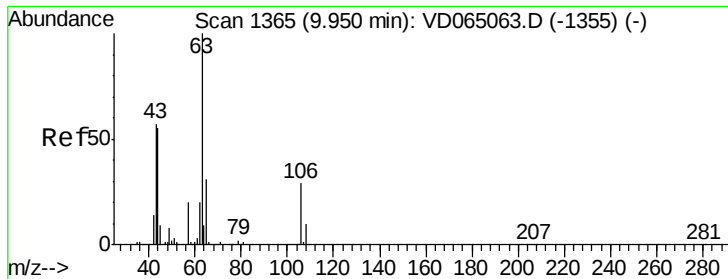
Tot Ion:117 Resp: 27232
Ion Ratio Lower Upper
117 100
119 3.7 78.5 117.7#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.264 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065197.D
Acq: 17 Feb 2020 15:29

Tgt Ion: 98 Resp: 525590
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

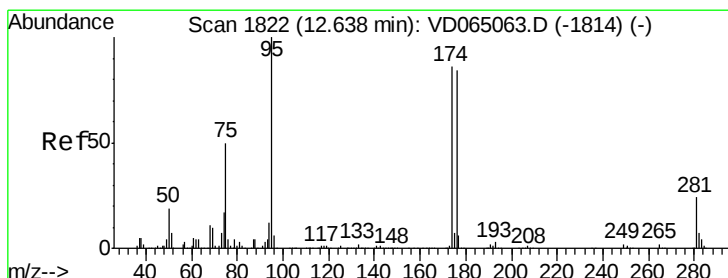
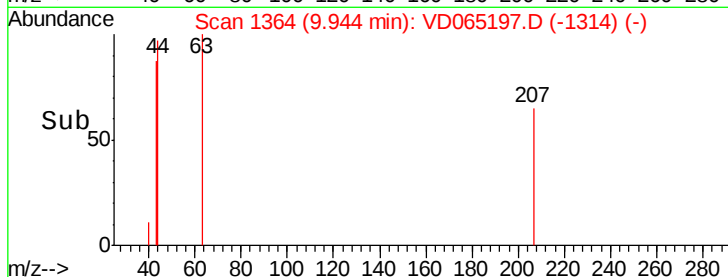
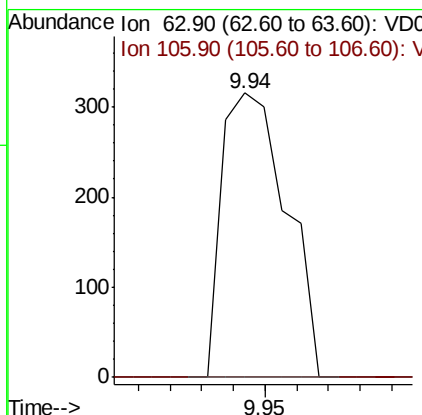
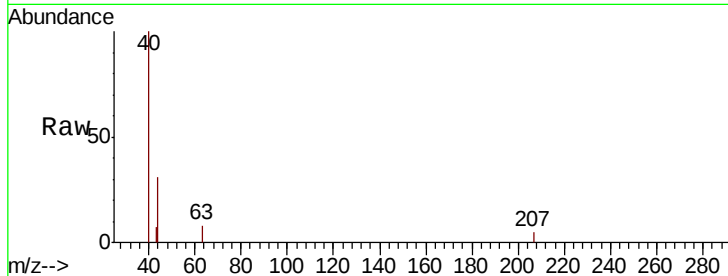




#58
 2-Chloroethyl Vinyl ether
 Concen: Below Cal
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD065197.D
 Acq: 17 Feb 2020 15:29

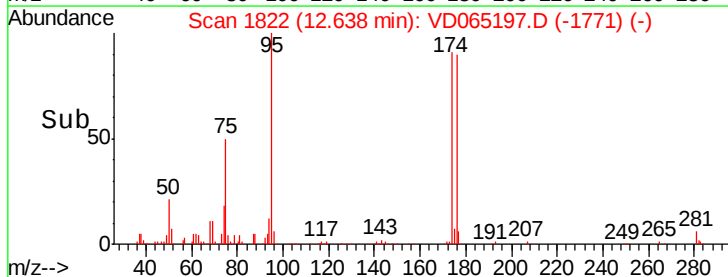
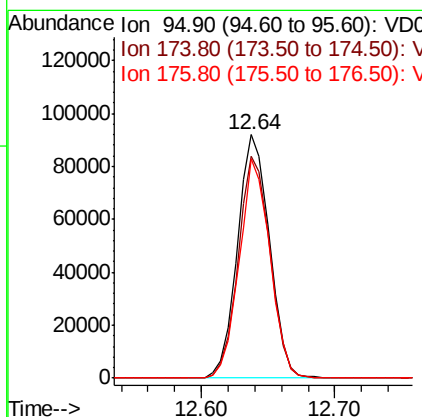
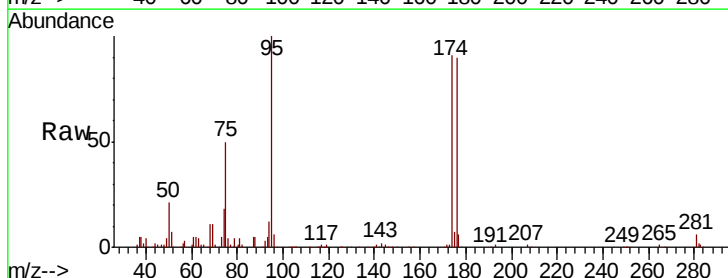
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

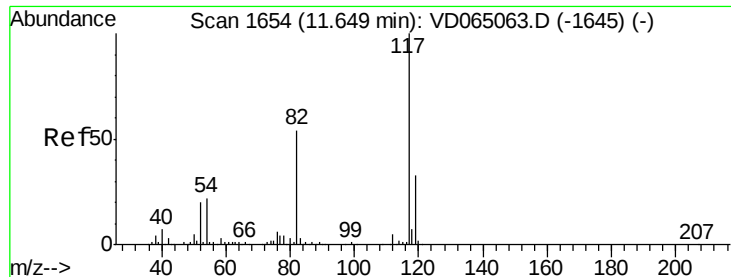
Tot Ion: 63 Resp: 444
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.3 34.9#



#62
 4-Bromofluorobenzene
 Concen: 45.981 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065197.D
 Acq: 17 Feb 2020 15:29

Tgt Ion: 95 Resp: 152349
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 180.0
 176 86.5 0.0 173.2

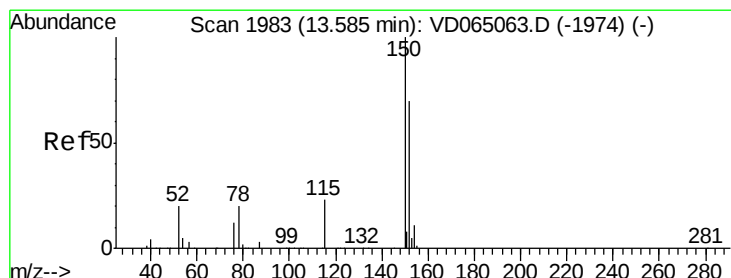
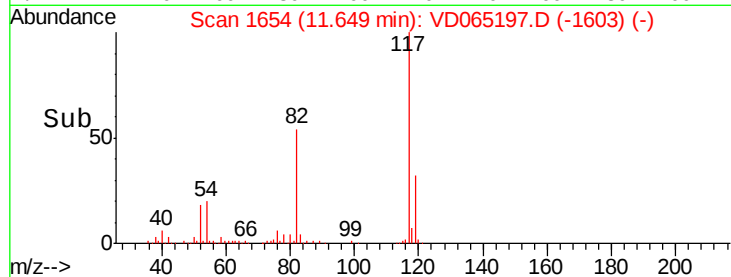
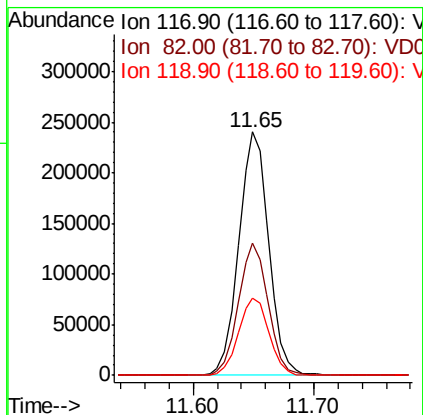
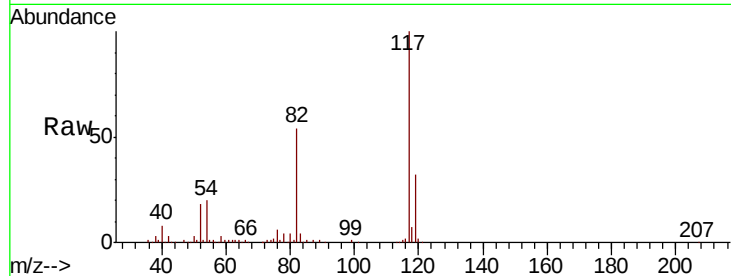




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065197.D
Acq: 17 Feb 2020 15:29

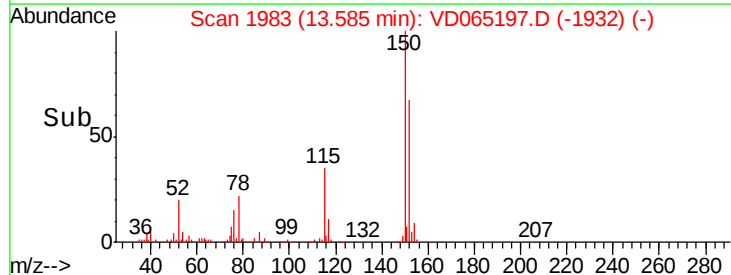
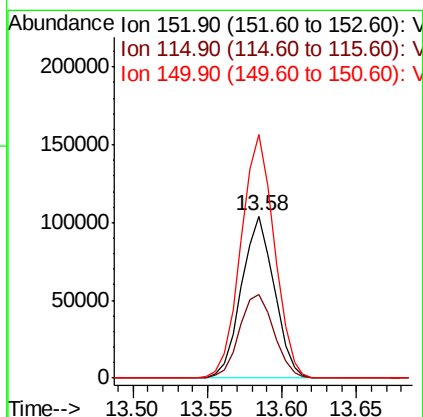
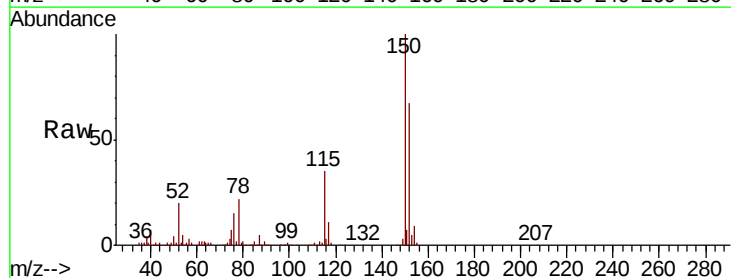
Instrument :
MSVOA_D
ClientSampleId :
SP-2

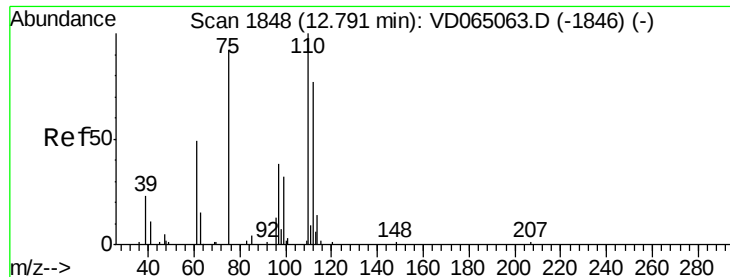
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.1	64.7
119	31.8	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065197.D
Acq: 17 Feb 2020 15:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.5	82.4
150	153.1	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 62.228 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065197.D

Acq: 17 Feb 2020 15:29

Instrument :

MSVOA_D

ClientSampled :

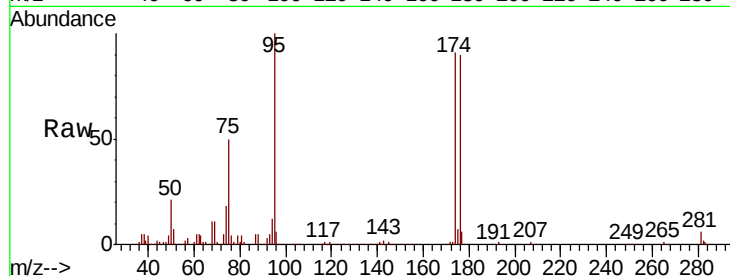
SP-2

Tot Ion: 75 Resp: 74877

Ion Ratio Lower Upper

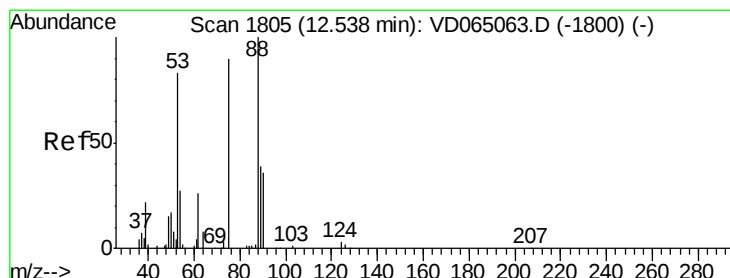
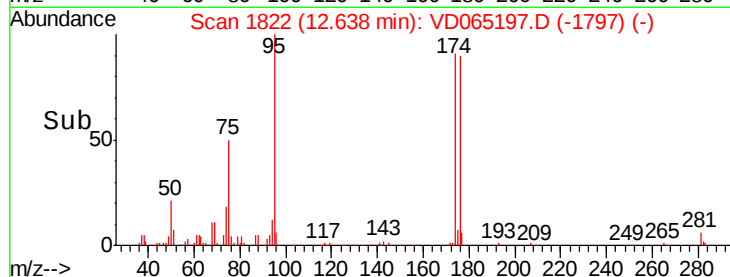
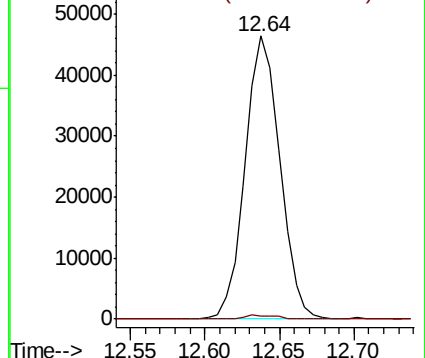
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 124.452 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065197.D

Acq: 17 Feb 2020 15:29

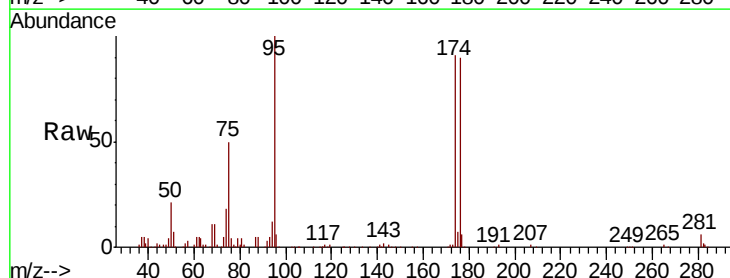
Tgt Ion: 75 Resp: 74877

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

