

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021120\
 Data File : VD065142.D
 Acq On : 11 Feb 2020 11:10
 Operator : VA/SY
 Sample : VD0211SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 12 06:56:16 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

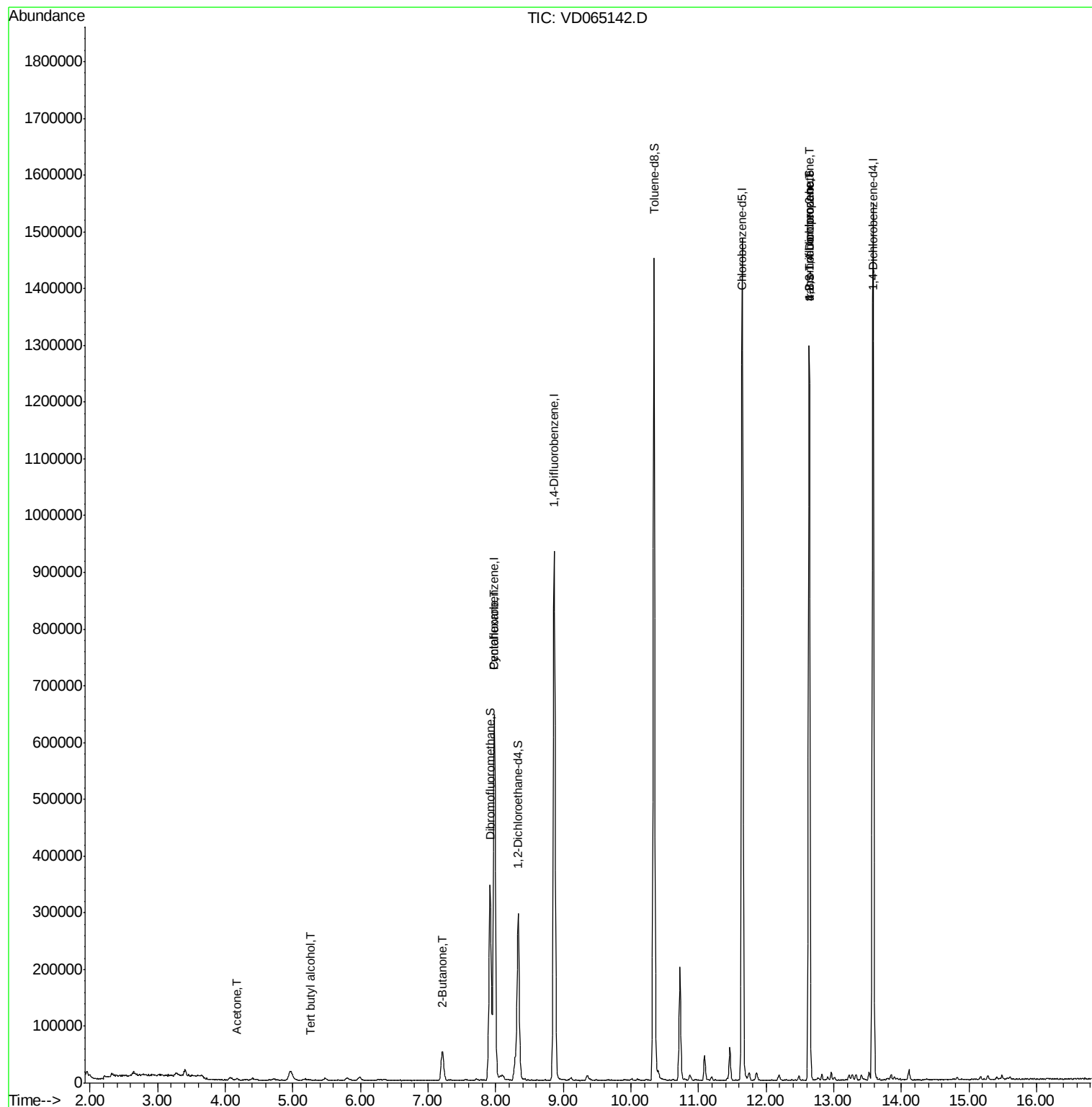
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	489583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	797570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	833003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	419947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	229124	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
35) Dibromofluoromethane	7.92	113	248129	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	
50) Toluene-d8	10.34	98	973953	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
62) 4-Bromofluorobenzene	12.64	95	372332	66.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.68%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.26	59	402	1.581	ug/l #	92
16) Acetone	4.17	43	4963	4.771	ug/l #	88
20) Methylene Chloride	4.96	84	11980	Below Cal	#	89
25) 2-Butanone	7.21	43	3595	2.897	ug/l	93
31) Cyclohexane	7.98	56	13351	1.613	ug/l #	30
58) 2-Chloroethyl Vinyl ether	9.96	63	80	Below Cal	#	14
76) 1,2,3-Trichloropropane	12.64	75	189919	59.733	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	189919	119.462	ug/l #	10

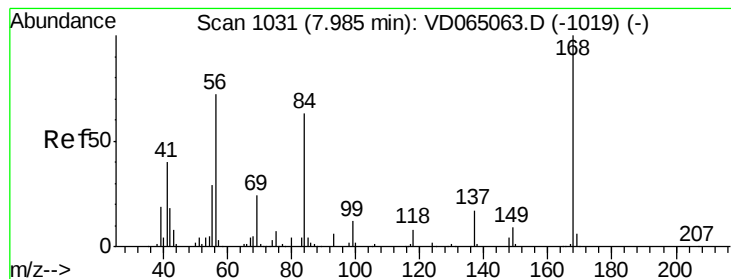
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021120\
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Operator : VA/SY
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ALS Vial : 3 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

Quant Time: Feb 12 06:56:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
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# 1030

Delta R.T. -0.01 min

Lab File: VD065142.D

Acq: 11 Feb 2020 11:10

Instrument :

MSVOA_D

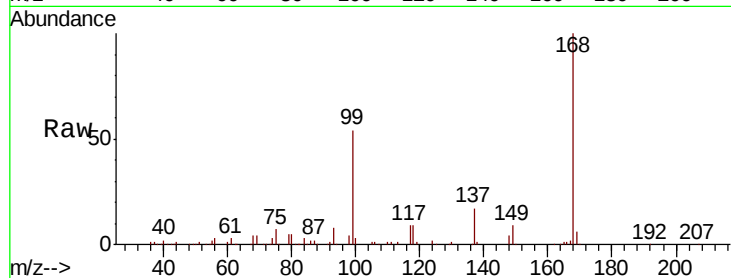
ClientSampleId :

Tot Ion:168 Resp: 489583

Ion Ratio Lower Upper

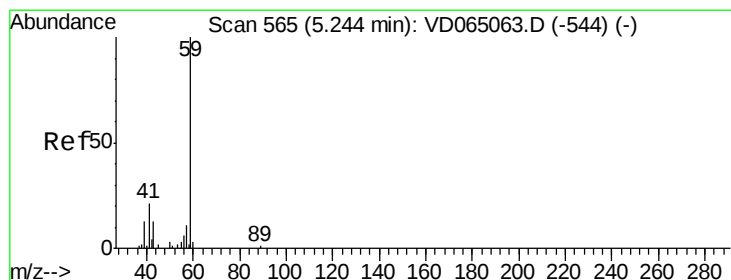
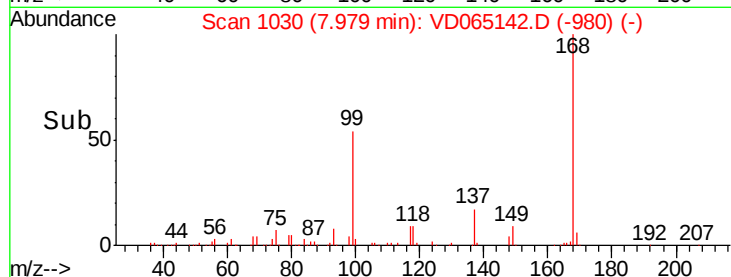
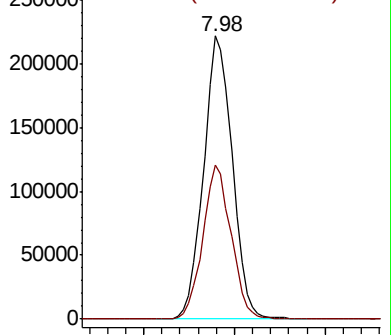
168 100

99 54.1 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: 1.581 ug/l

RT: 5.26 min Scan# 568

Delta R.T. 0.02 min

Lab File: VD065142.D

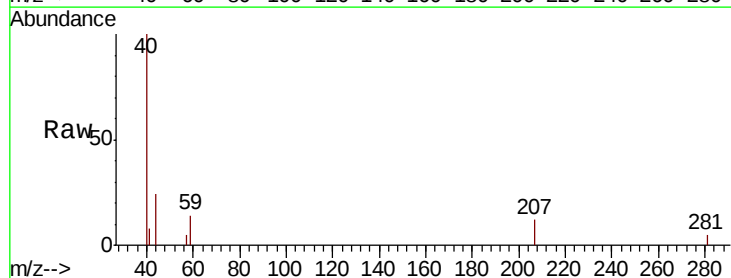
Acq: 11 Feb 2020 11:10

Tgt Ion: 59 Resp: 402

Ion Ratio Lower Upper

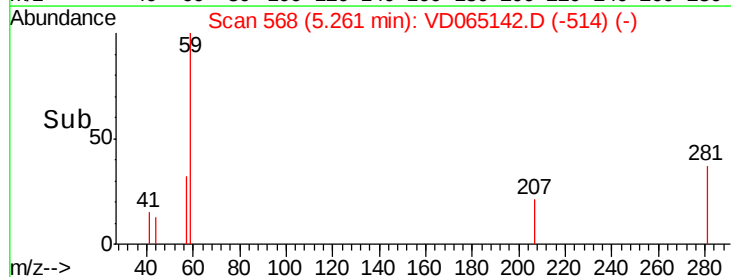
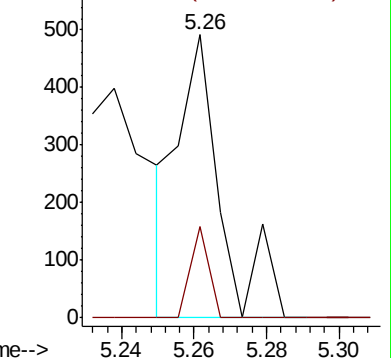
59 100

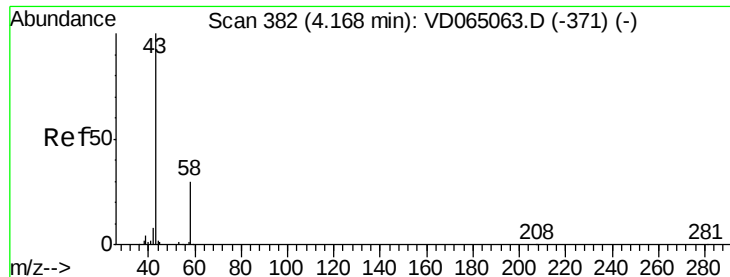
57 13.9 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 4.771 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065142.D

Acq: 11 Feb 2020 11:10

Instrument :

MSVOA_D

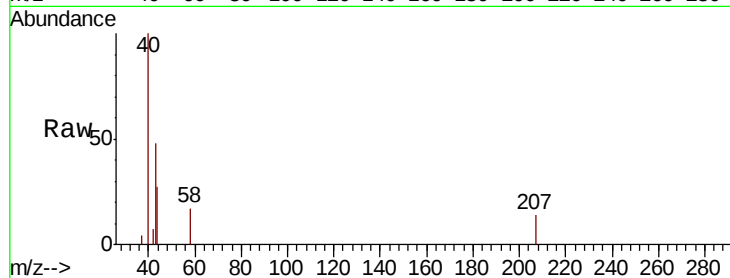
ClientSampleId :

Tot Ion: 43 Resp: 4963

Ion Ratio Lower Upper

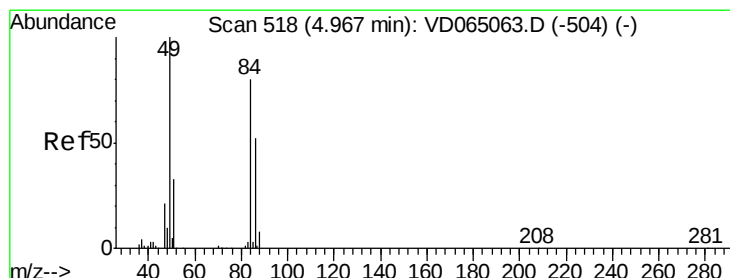
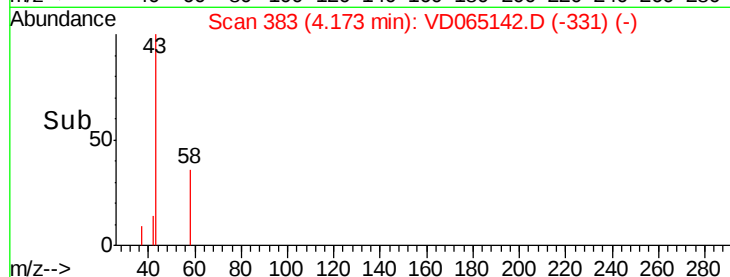
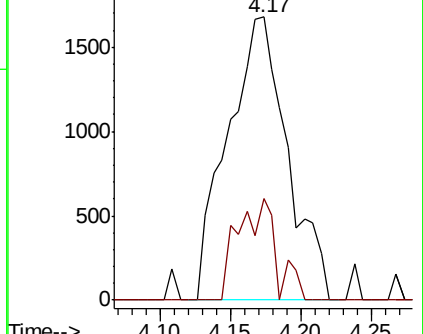
43 100

58 35.8 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD065142.D

Acq: 11 Feb 2020 11:10

Tgt Ion: 84 Resp: 11980

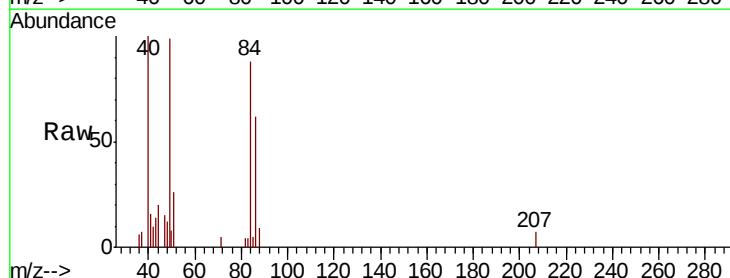
Ion Ratio Lower Upper

84 100

49 112.9 100.4 150.6

51 30.0 32.7 49.1#

86 70.2 52.4 78.6

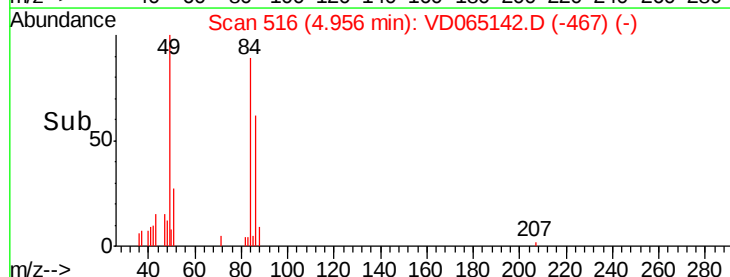
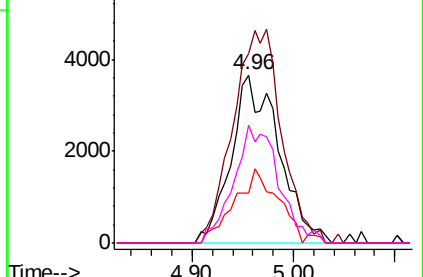


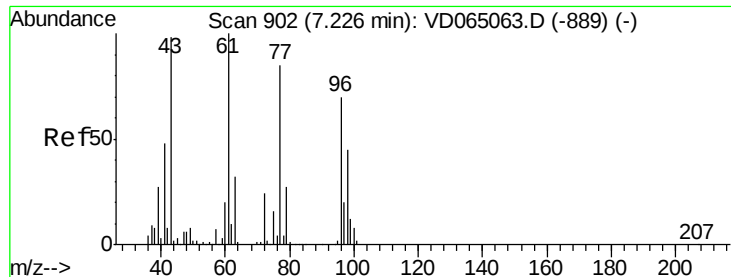
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

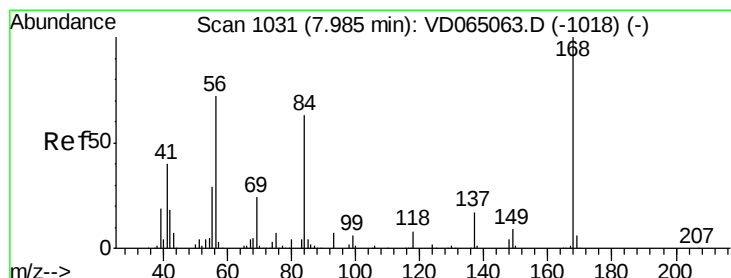
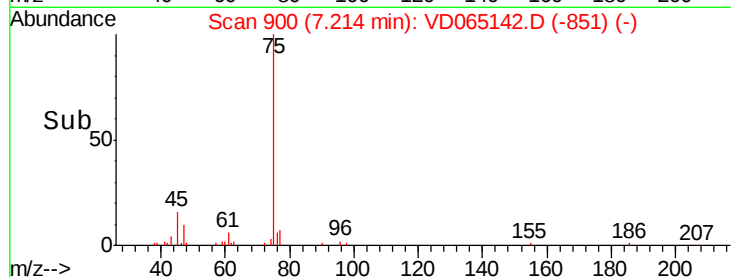
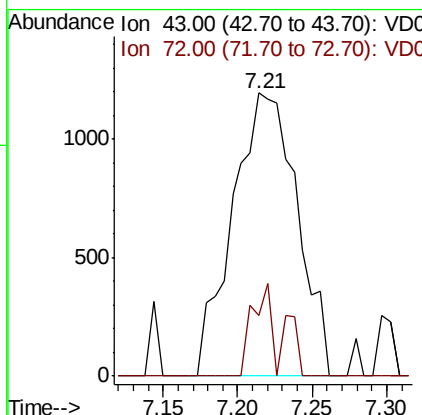
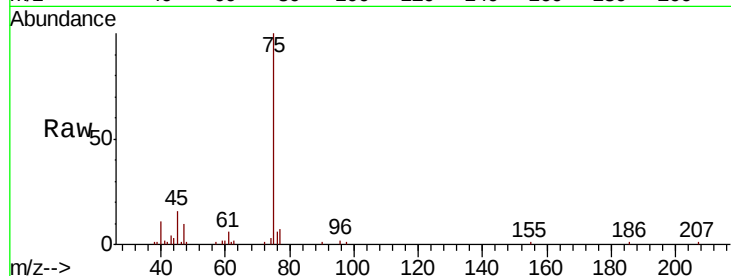




#25
2-Butanone
Concen: 2.897 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD065142.D
Acq: 11 Feb 2020 11:10

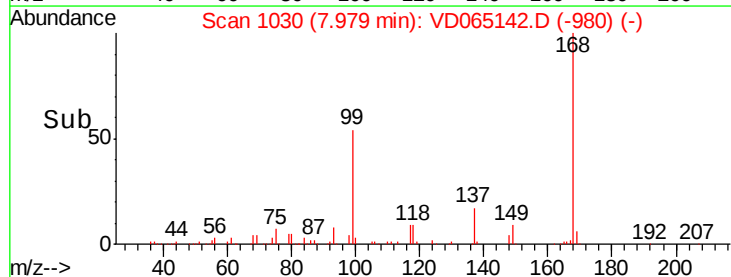
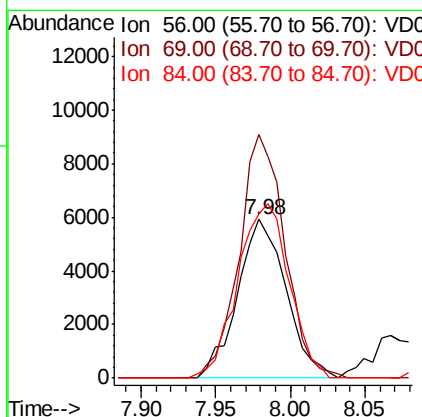
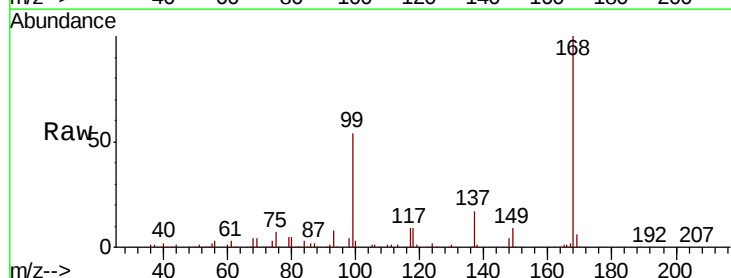
Instrument :
MSVOA_D
ClientSampled :

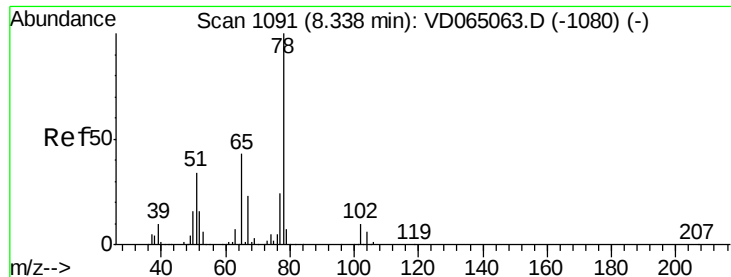
Tot Ion: 43 Resp: 3595
Ion Ratio Lower Upper
43 100
72 21.3 19.9 29.9



#31
Cyclohexane
Concen: 1.613 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065142.D
Acq: 11 Feb 2020 11:10

Tgt Ion: 56 Resp: 13351
Ion Ratio Lower Upper
56 100
69 153.4 26.6 40.0#
84 103.7 70.6 106.0

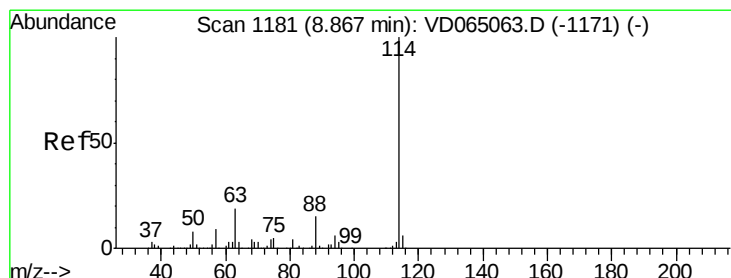
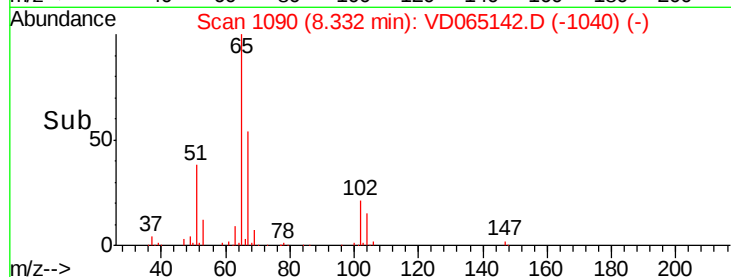
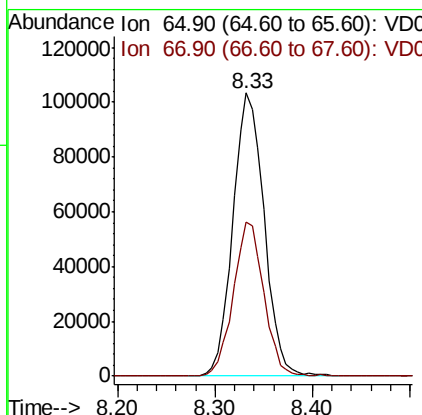
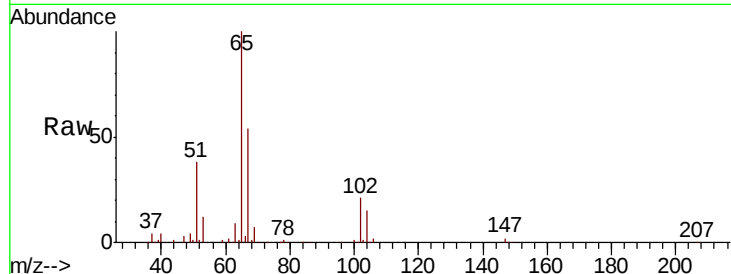




#33
 1,2-Dichloroethane-d4
 Concen: 55.064 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065142.D
 Acq: 11 Feb 2020 11:10

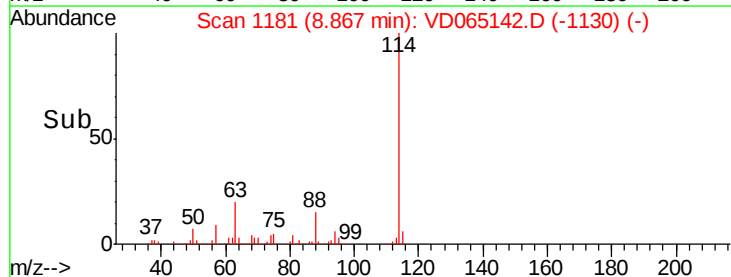
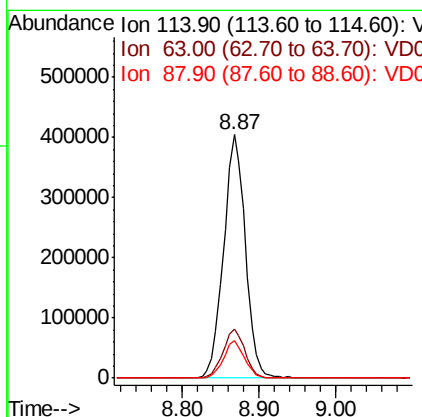
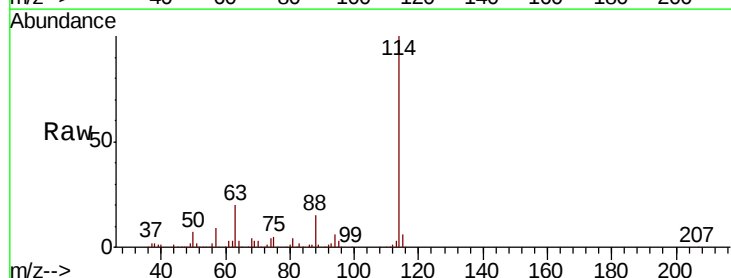
Instrument :
 MSVOA_D
 ClientSampleId :

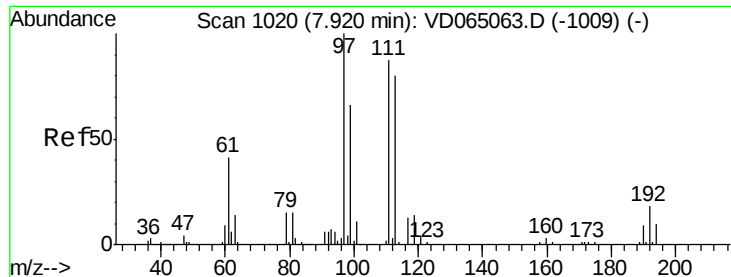
Tot Ion: 65 Resp: 229124
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065142.D
 Acq: 11 Feb 2020 11:10

Tgt Ion: 114 Resp: 797570
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.8
 88 15.4 0.0 29.6

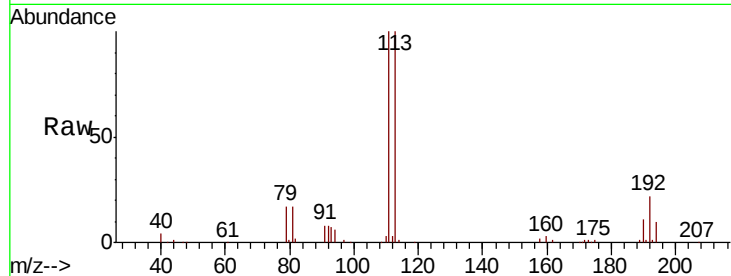




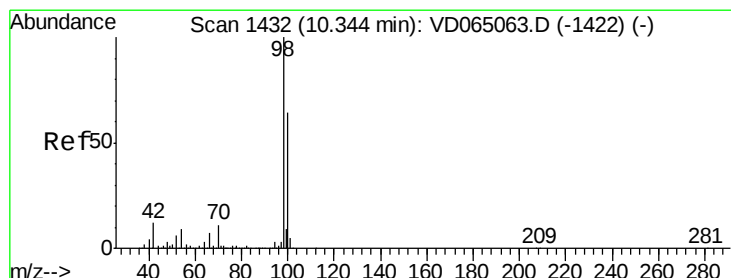
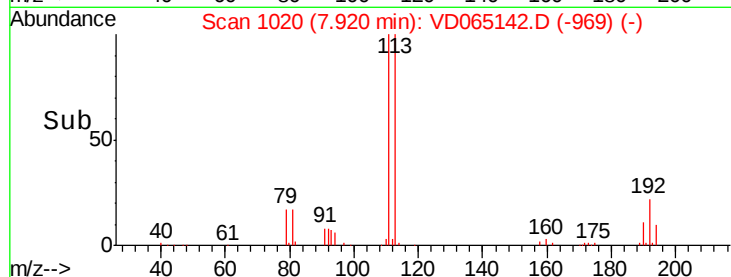
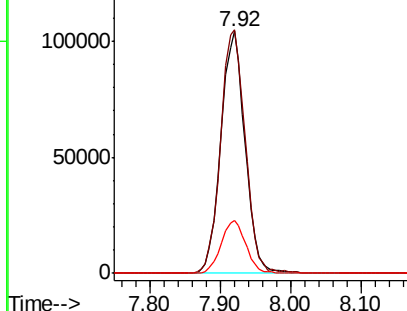
#35
Dibromofluoromethane
Concen: 55.760 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065142.D
Acq: 11 Feb 2020 11:10

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.1	124.7
192	22.0	18.1	27.1

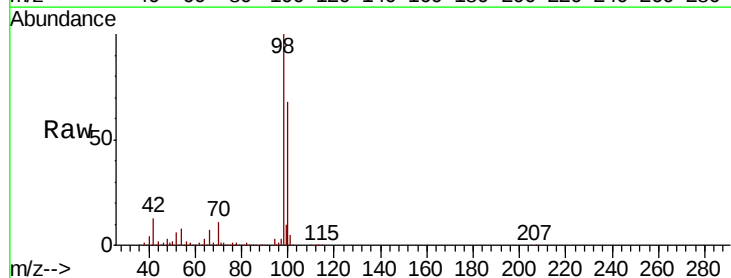


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

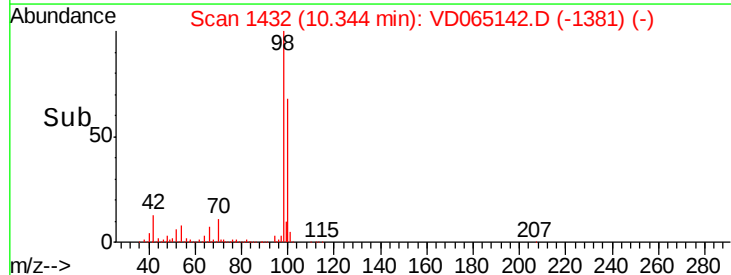
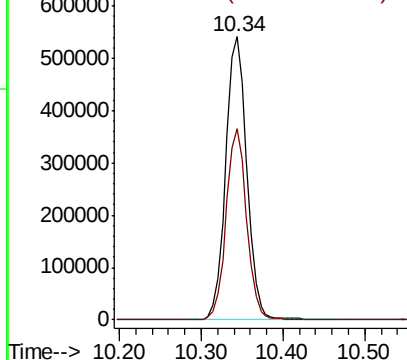


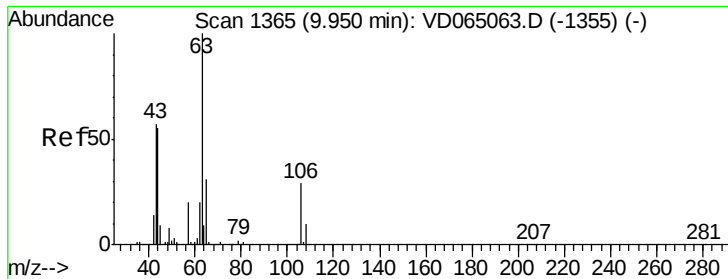
#50
Toluene-d8
Concen: 54.988 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065142.D
Acq: 11 Feb 2020 11:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.1	78.1



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

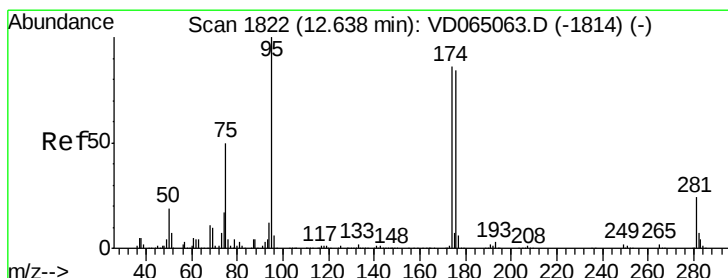
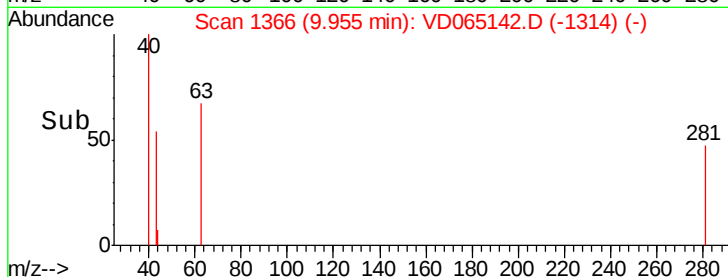
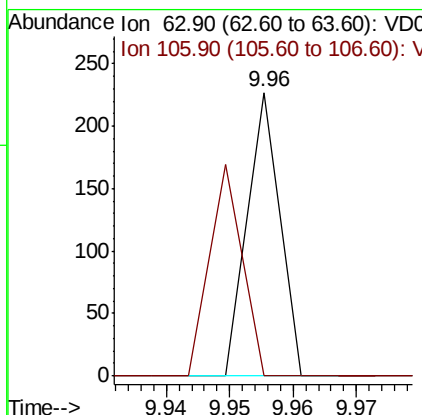
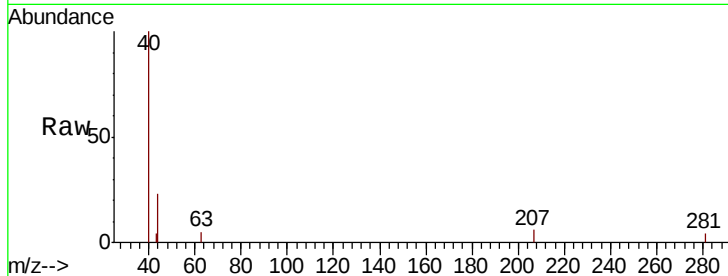




#58
 2-Chloroethyl Vinyl ether
 Concen: Below Cal
 RT: 9.96 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VD065142.D
 Acq: 11 Feb 2020 11:10

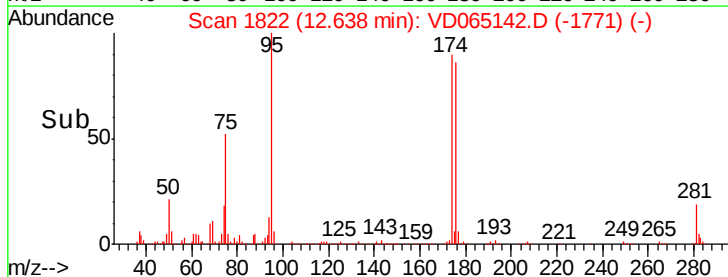
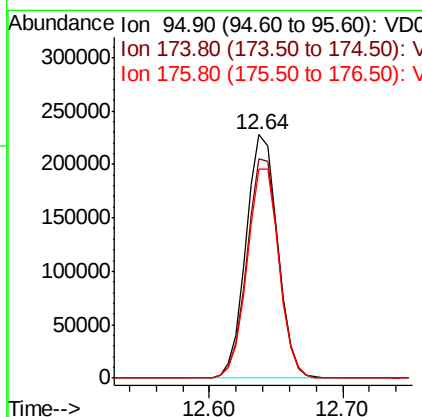
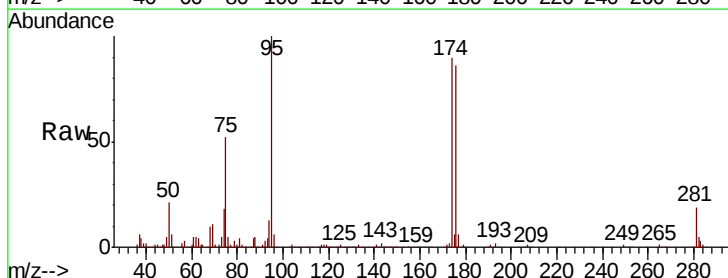
Instrument :
 MSVOA_D
 ClientSampleId :

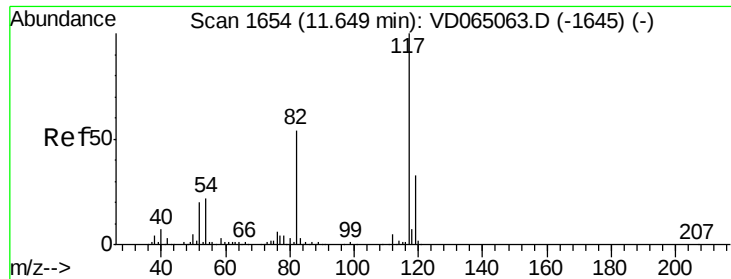
Tot Ion: 63 Resp: 80
 Ion Ratio Lower Upper
 63 100
 106 75.0 23.3 34.9#



#62
 4-Bromofluorobenzene
 Concen: 66.342 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065142.D
 Acq: 11 Feb 2020 11:10

Tgt Ion: 95 Resp: 372332
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 180.0
 176 86.3 0.0 173.2

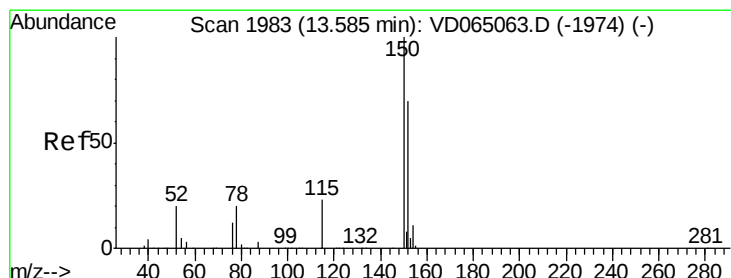
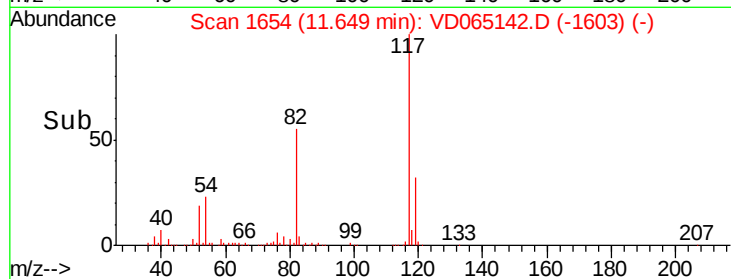
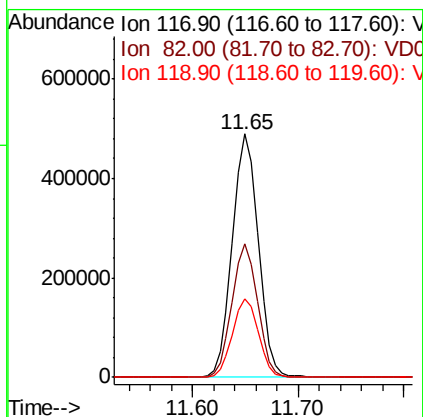
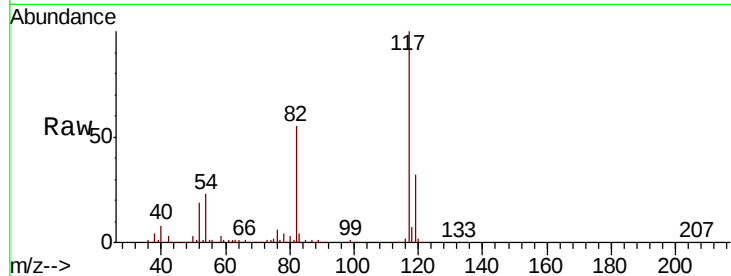




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065142.D
Acq: 11 Feb 2020 11:10

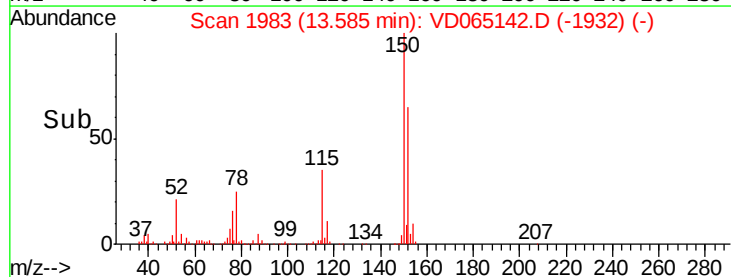
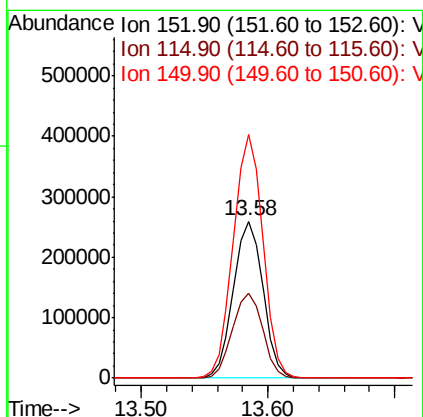
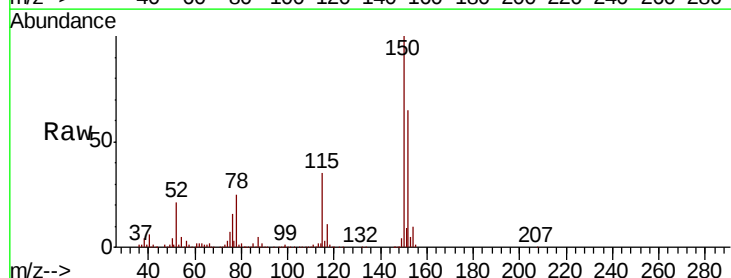
Instrument :
MSVOA_D
ClientSampleId :

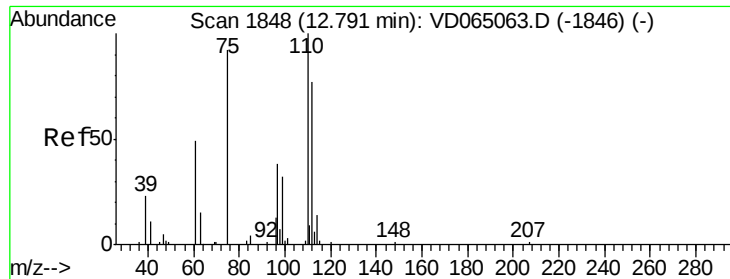
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.1	64.7
119	32.1	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065142.D
Acq: 11 Feb 2020 11:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.5	82.4
150	155.1	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 59.733 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065142.D

Acq: 11 Feb 2020 11:10

Instrument :

MSVOA_D

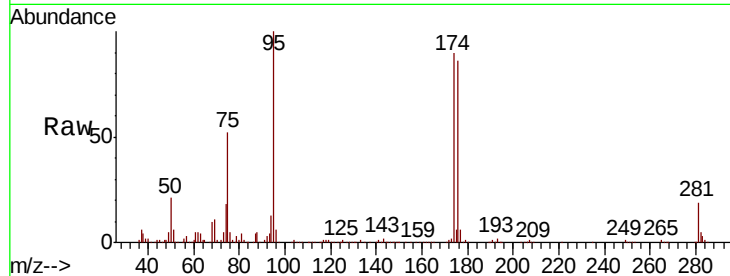
ClientSampled :

Tot Ion: 75 Resp: 189919

Ion Ratio Lower Upper

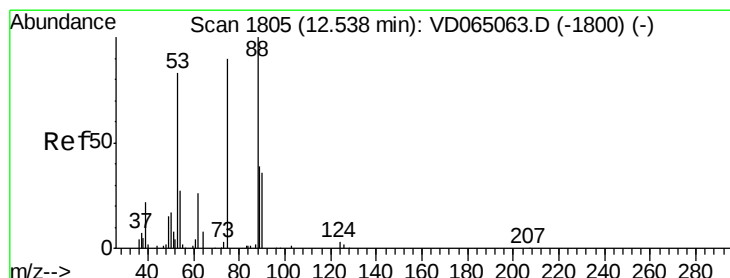
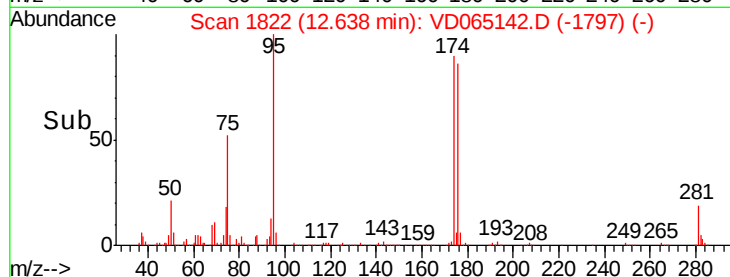
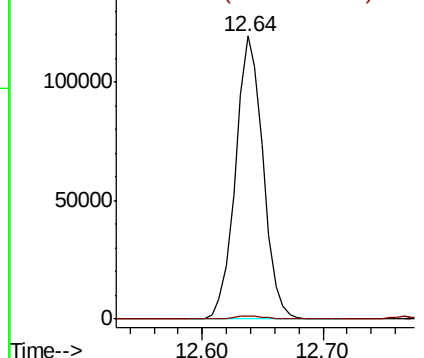
75 100

77 1.3 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: 119.462 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065142.D

Acq: 11 Feb 2020 11:10

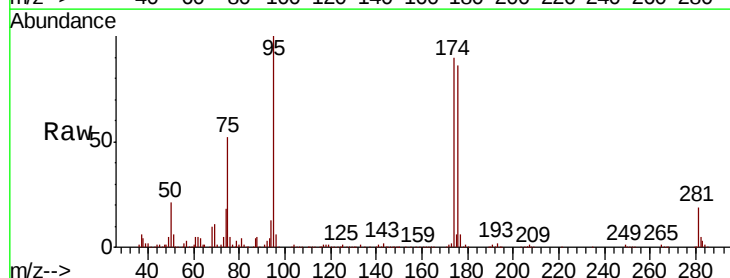
Tgt Ion: 75 Resp: 189919

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.2 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

