

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031320\
 Data File : VD065499.D
 Acq On : 13 Mar 2020 11:14
 Operator : VA/SY
 Sample : VD0313SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 16 01:42:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	552021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	937165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	904931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	415425	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	283750	59.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.84%	
35) Dibromofluoromethane	7.91	113	300335	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	10.34	98	1164721	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.64	95	365249	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	

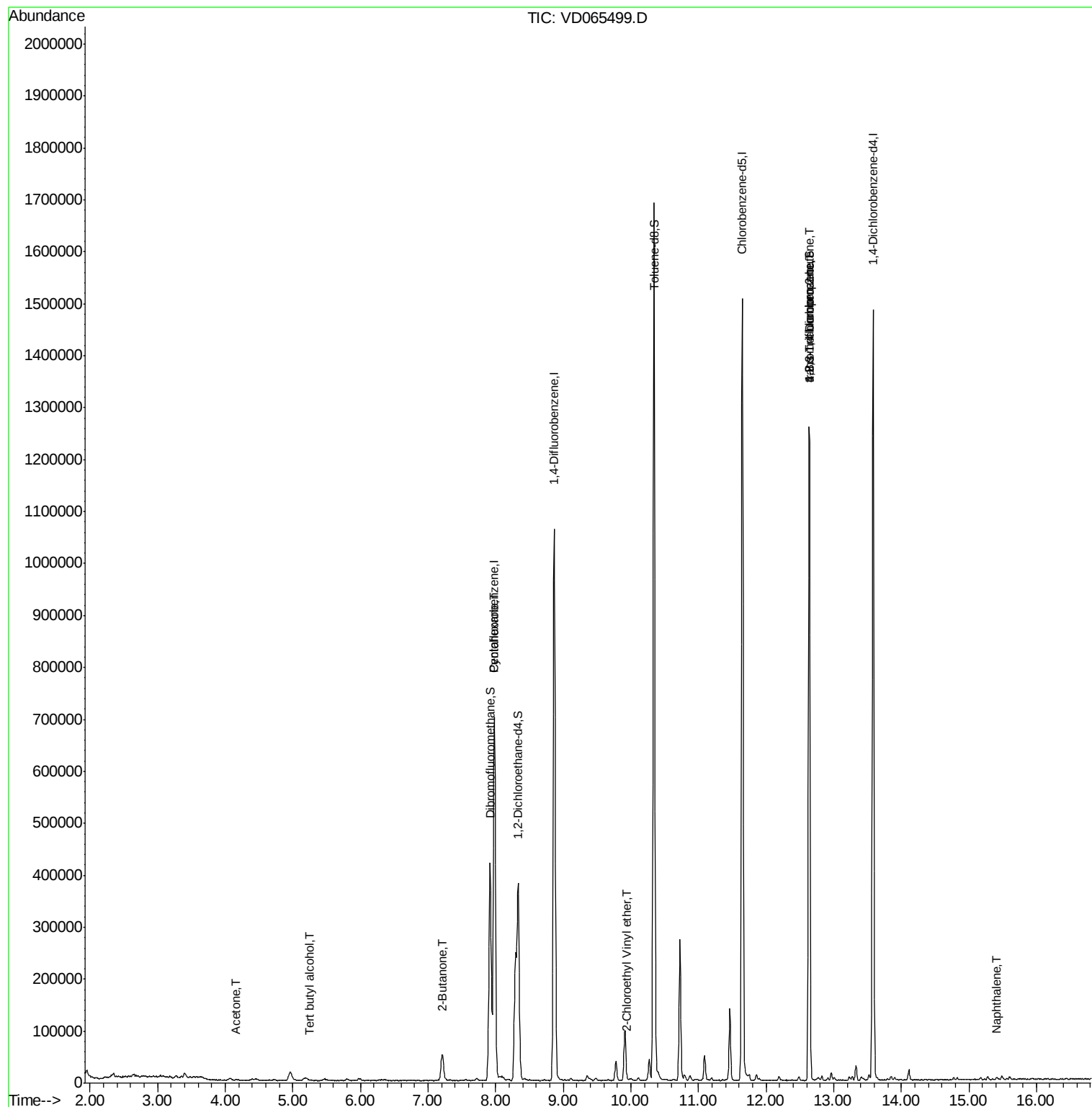
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	1322	Below Cal	#	15
11) Tert butyl alcohol	5.26	59	528	1.944	ug/l #	76
16) Acetone	4.16	43	3677	3.840	ug/l	96
20) Methylene Chloride	4.96	84	13026	Below Cal		89
25) 2-Butanone	7.22	43	3739	2.861	ug/l #	73
31) Cyclohexane	7.98	56	11842	1.259	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.95	63	153	2.277	ug/l #	46
76) 1,2,3-Trichloropropane	12.64	75	176853	53.951	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	176853	113.852	ug/l #	14
95) Naphthalene	15.42	128	3449	4.641	ug/l #	88

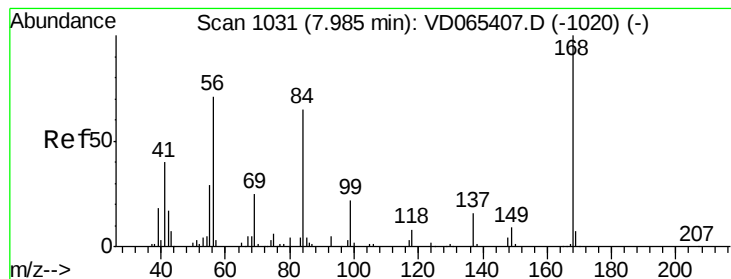
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031320\
Data File : VD065499.D
Acq On : 13 Mar 2020 11:14
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 16 01:42:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 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: VD065499.D

Acq: 13 Mar 2020 11:14

Instrument :

MSVOA_D

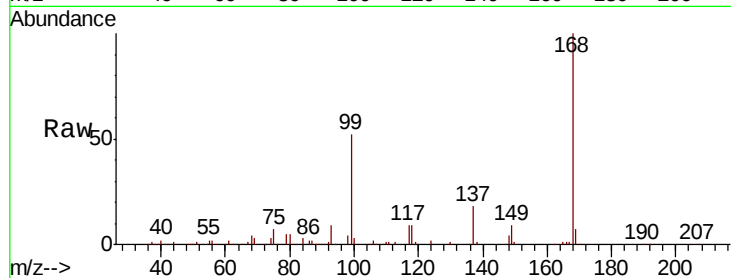
ClientSampleId :

Tot Ion:168 Resp: 552021

Ion Ratio Lower Upper

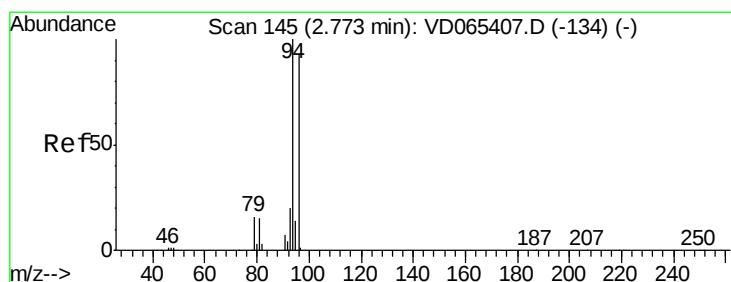
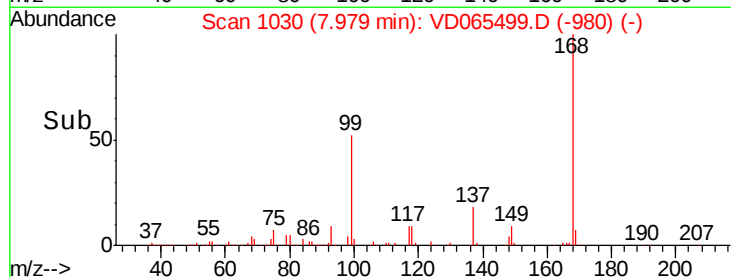
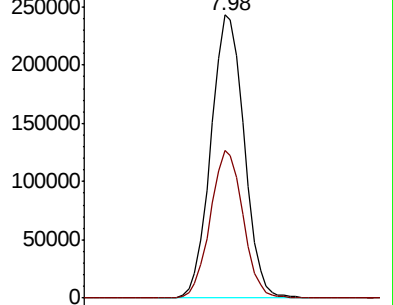
168 100

99 51.8 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065499.D

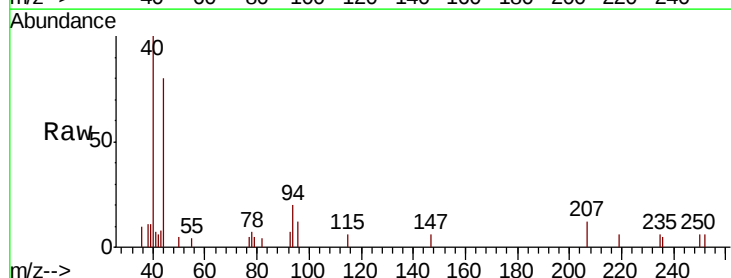
Acq: 13 Mar 2020 11:14

Tgt Ion: 94 Resp: 1322

Ion Ratio Lower Upper

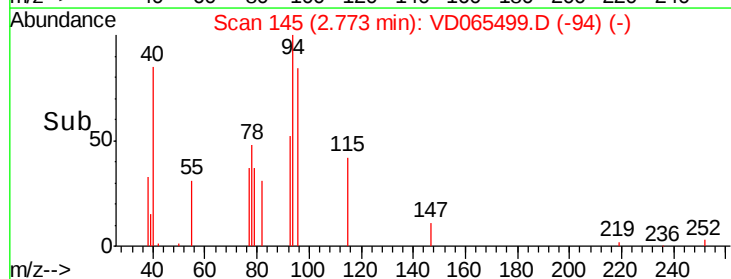
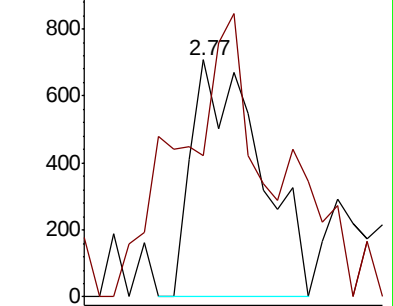
94 100

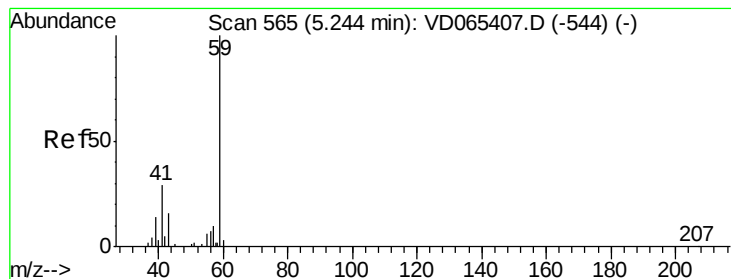
96 11.0 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



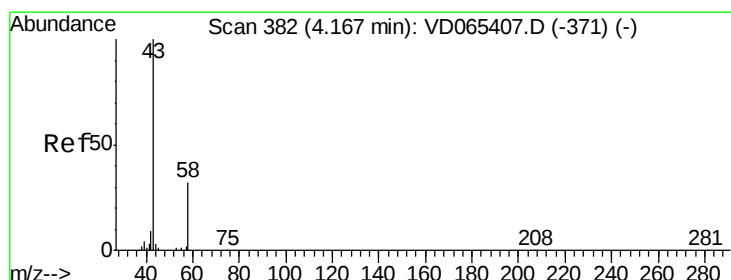
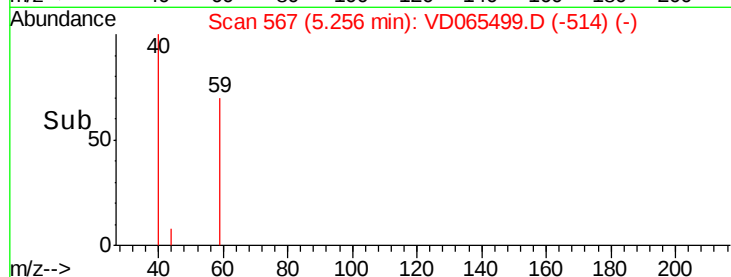
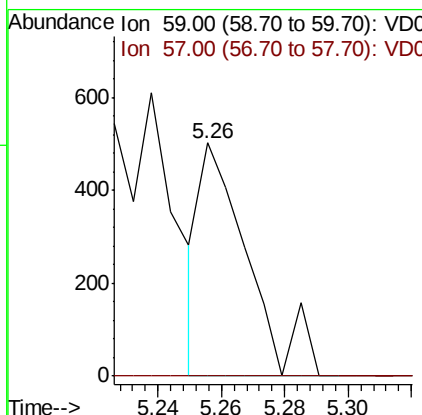
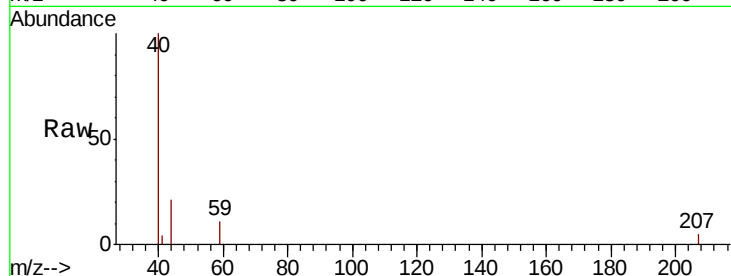


#11

Tert butyl alcohol
 Concen: 1.944 ug/l
 RT: 5.26 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VD065499.D
 Acq: 13 Mar 2020 11:14

Instrument :
 MSVOA_D
 ClientSampleId :

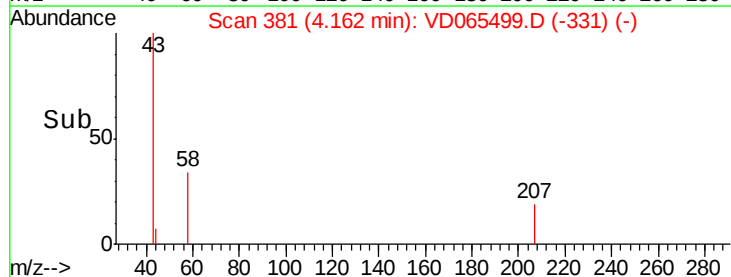
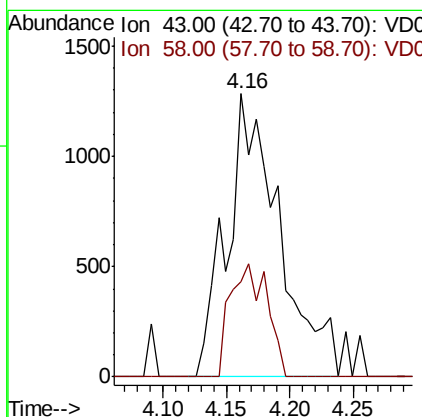
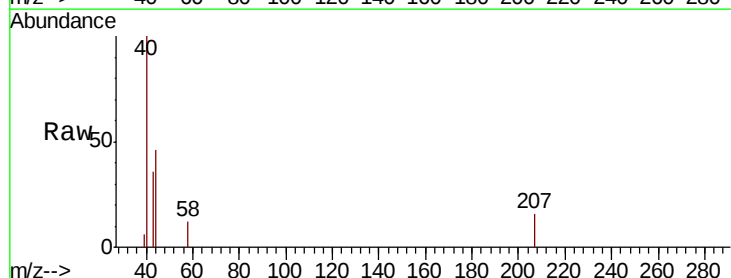
Tot Ion: 59 Resp: 528
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.9 10.3#

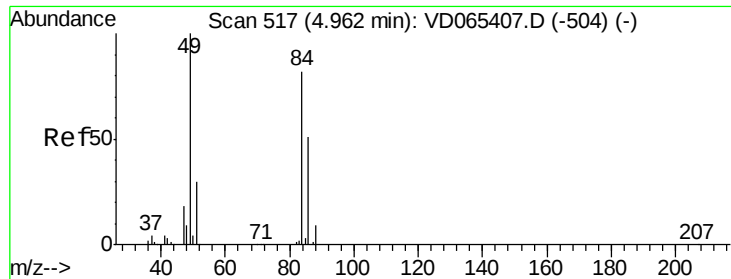


#16

Acetone
 Concen: 3.840 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VD065499.D
 Acq: 13 Mar 2020 11:14

Tgt Ion: 43 Resp: 3677
 Ion Ratio Lower Upper
 43 100
 58 33.5 25.1 37.7

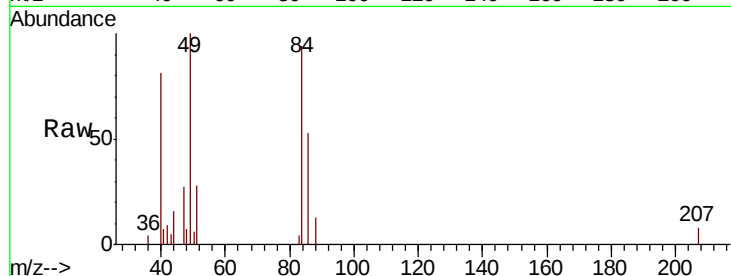




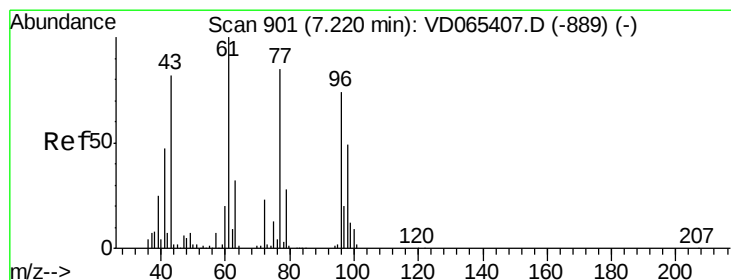
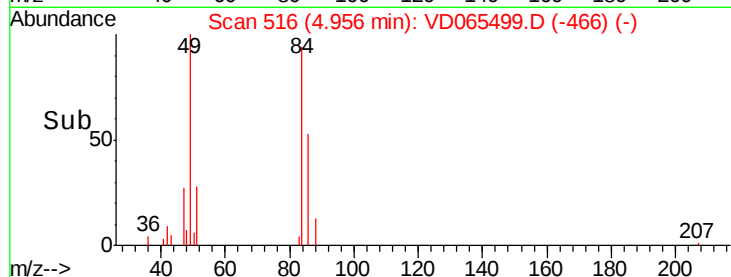
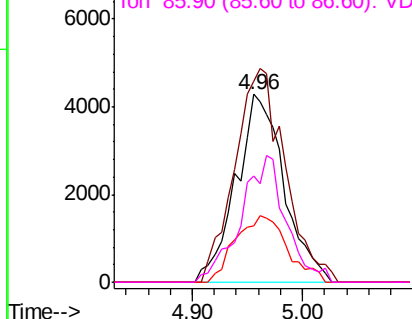
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065499.D
Acq: 13 Mar 2020 11:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	84	Resp:	13026
Ion	Ratio	Lower	Upper
84	100		
49	106.8	97.7	146.5
51	30.2	28.8	43.2
86	56.3	49.5	74.3

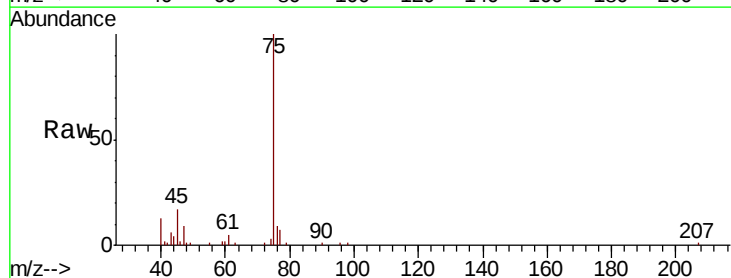


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

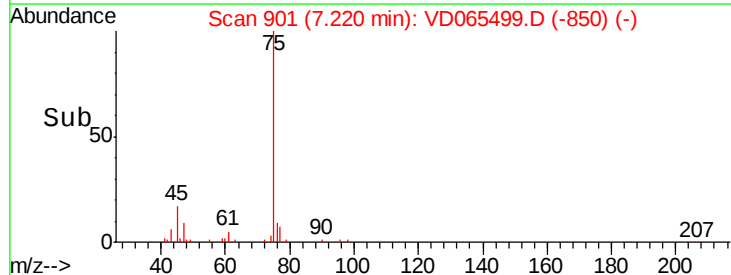
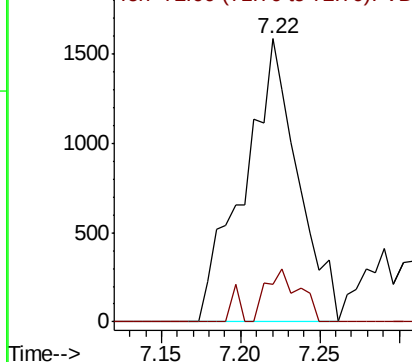


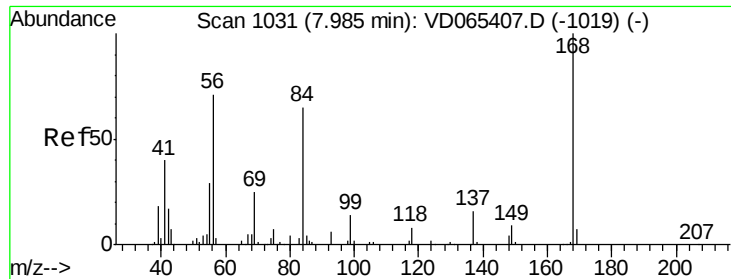
#25
2-Butanone
Concen: 2.861 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.00 min
Lab File: VD065499.D
Acq: 13 Mar 2020 11:14

Tgt Ion:	43	Resp:	3739
Ion	Ratio	Lower	Upper
43	100		
72	13.5	22.3	33.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

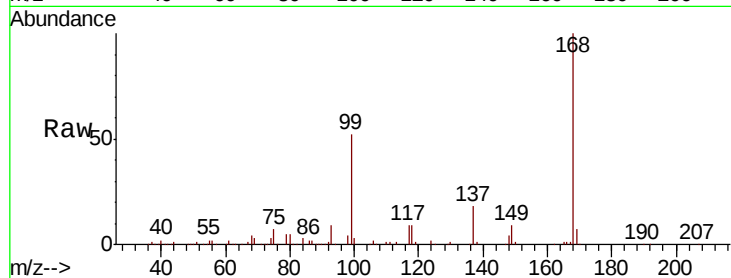




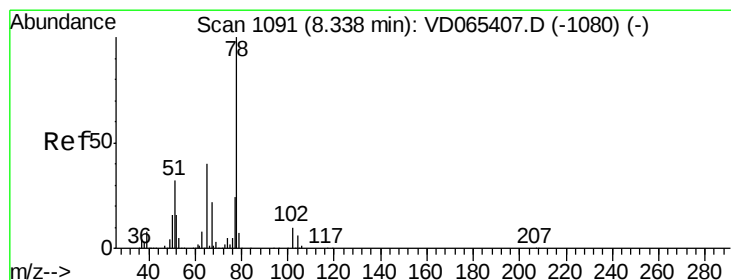
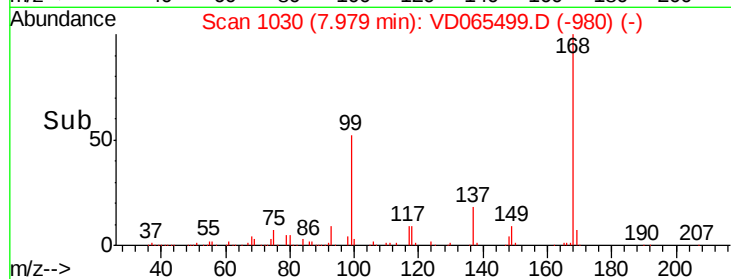
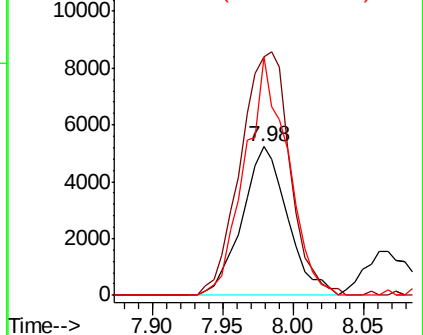
#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065499.D
Acq: 13 Mar 2020 11:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 11842
Ion Ratio Lower Upper
56 100
69 160.3 28.3 42.5#
84 160.8 73.1 109.7#

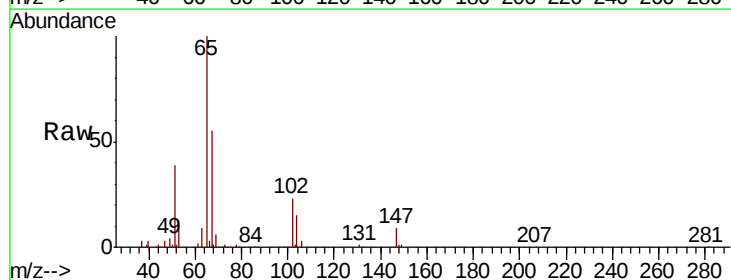


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

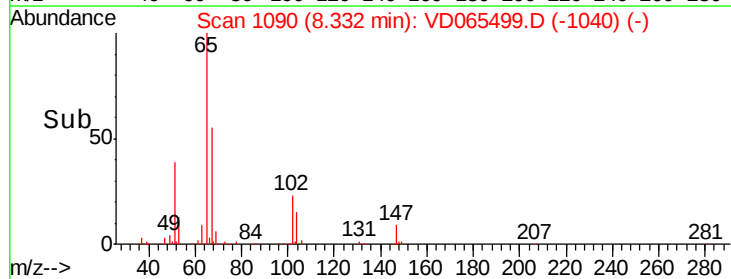
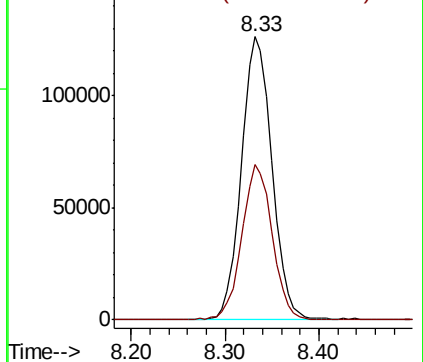


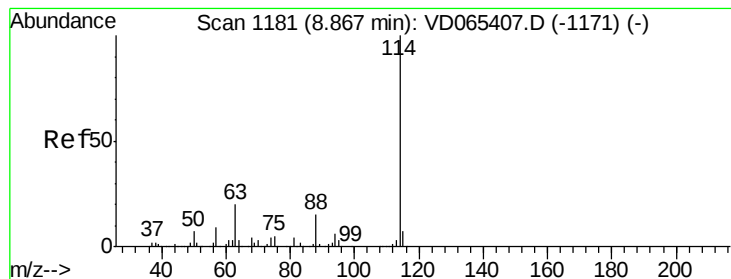
#33
1,2-Dichloroethane-d4
Concen: 59.923 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065499.D
Acq: 13 Mar 2020 11:14

Tgt Ion: 65 Resp: 283750
Ion Ratio Lower Upper
65 100
67 55.1 0.0 108.0



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: VD065499.D

Acq: 13 Mar 2020 11:14

Instrument :

MSVOA_D

ClientSampleId :

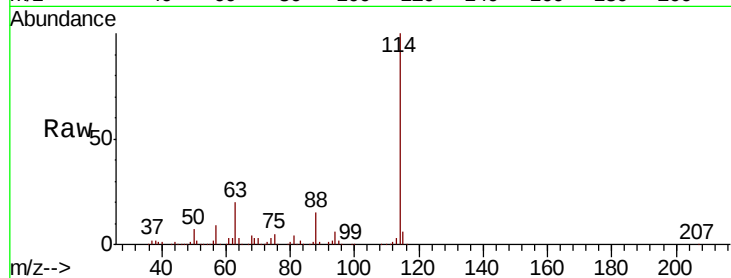
Tot Ion:114 Resp: 937165

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

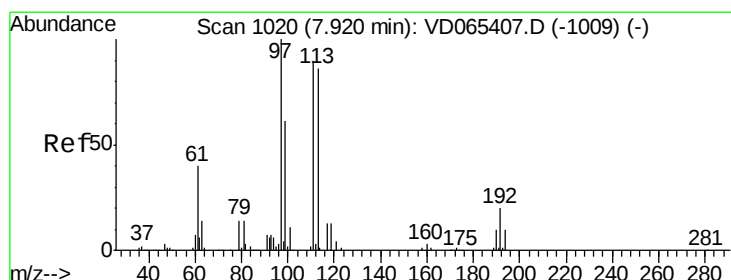
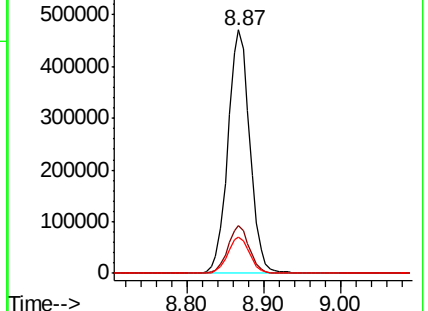
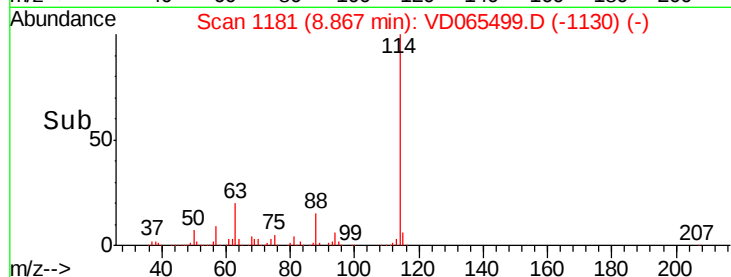
88 15.1 0.0 30.4



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: 51.822 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065499.D

Acq: 13 Mar 2020 11:14

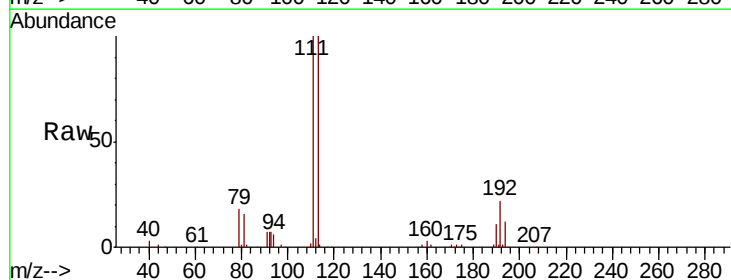
Tgt Ion:113 Resp: 300335

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

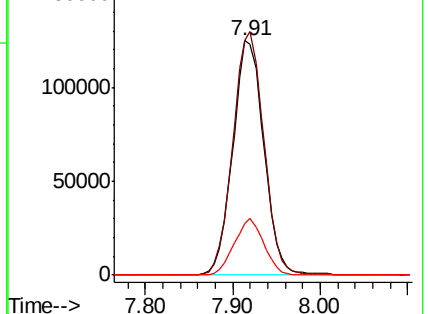
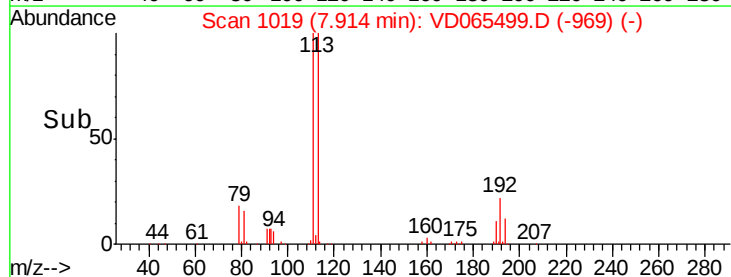
192 22.9 17.2 25.8

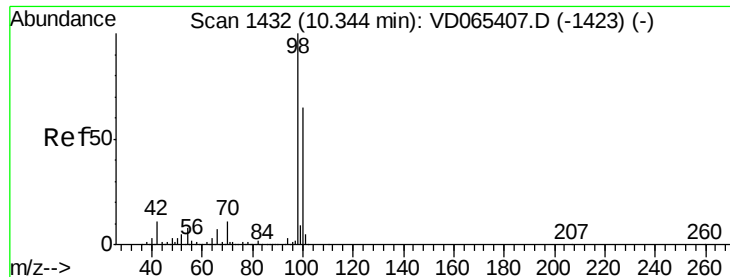


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

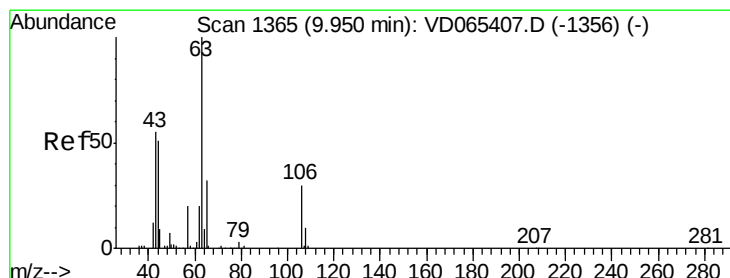
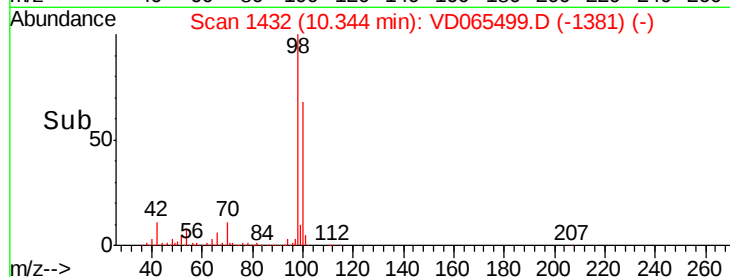
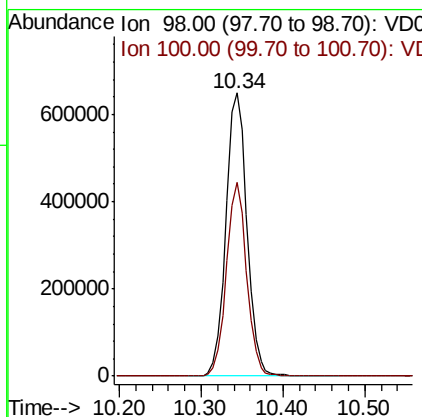
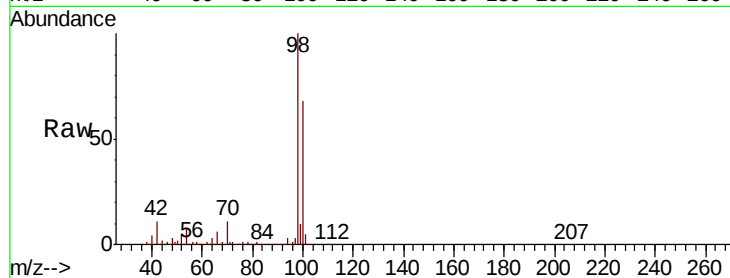




#50
Toluene-d8
Concen: 52.385 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065499.D
Acq: 13 Mar 2020 11:14

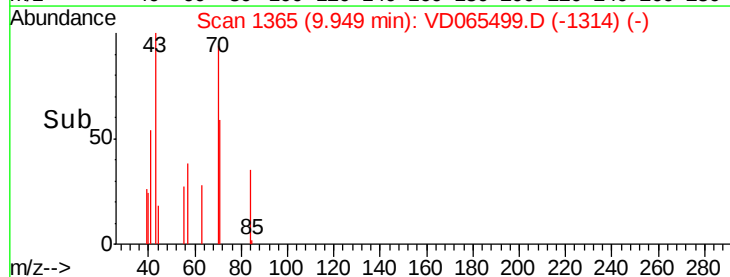
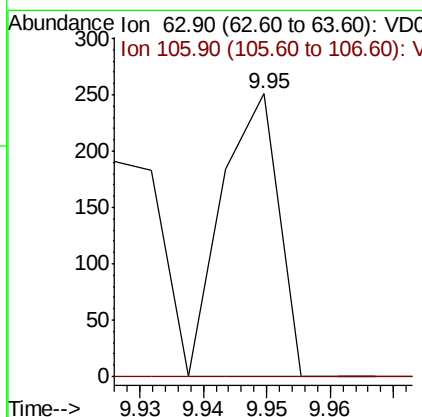
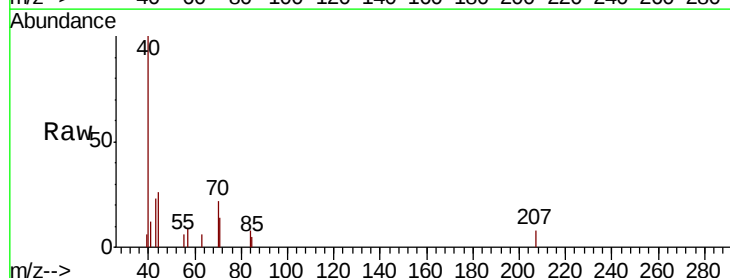
Instrument :
MSVOA_D
ClientSampleId :

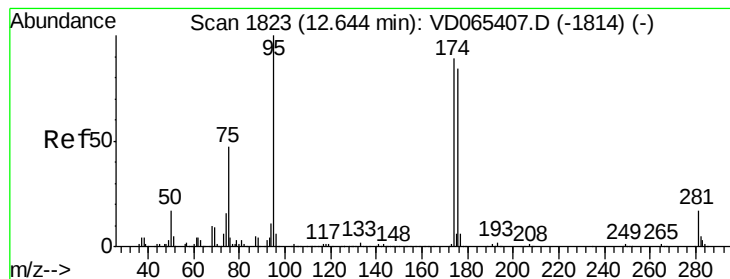
Tot Ion: 98 Resp: 1164721
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2



#58
2-Chloroethyl Vinyl ether
Concen: 2.277 ug/l
RT: 9.95 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VD065499.D
Acq: 13 Mar 2020 11:14

Tgt Ion: 63 Resp: 153
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#





#62

4-Bromofluorobenzene

Concen: 53.215 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065499.D

Acq: 13 Mar 2020 11:14

Instrument :

MSVOA_D

ClientSampleId :

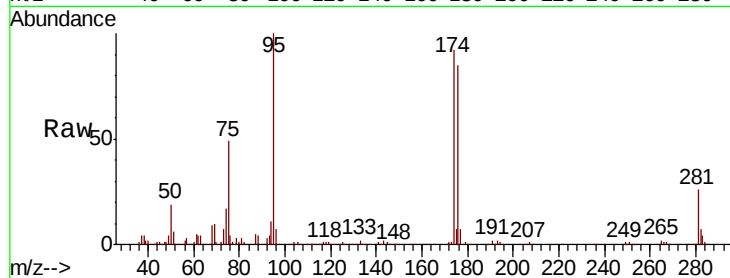
Tot Ion: 95 Resp: 365249

Ion Ratio Lower Upper

95 100

174 91.9 0.0 176.8

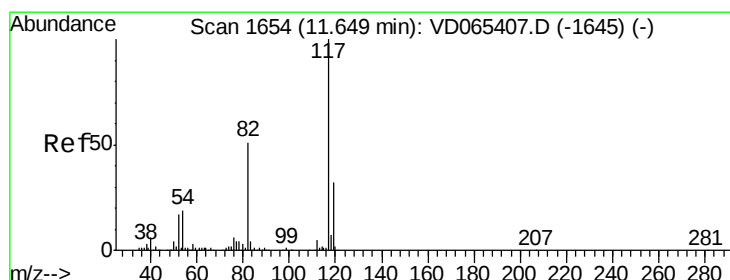
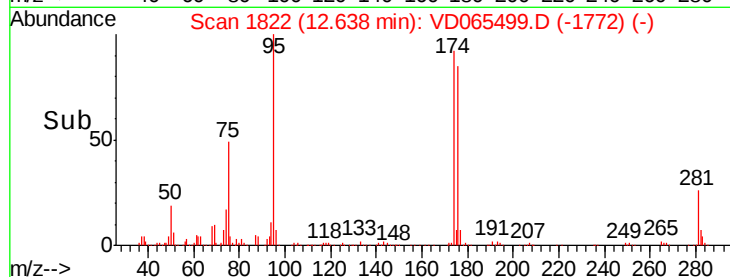
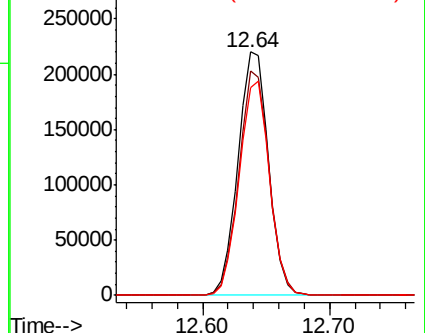
176 87.6 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): V

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: VD065499.D

Acq: 13 Mar 2020 11:14

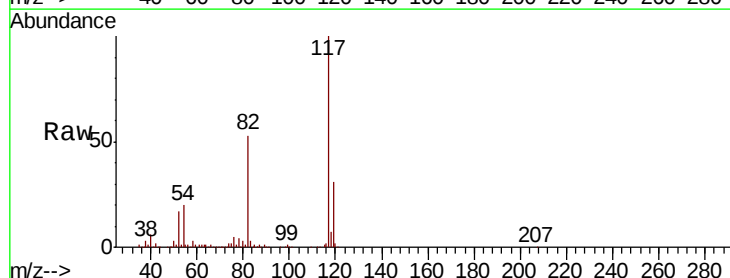
Tgt Ion: 117 Resp: 904931

Ion Ratio Lower Upper

117 100

82 52.7 40.6 60.8

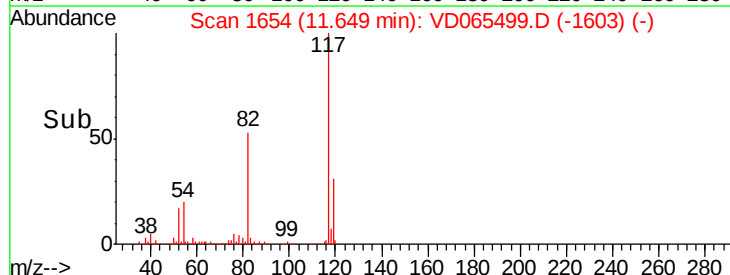
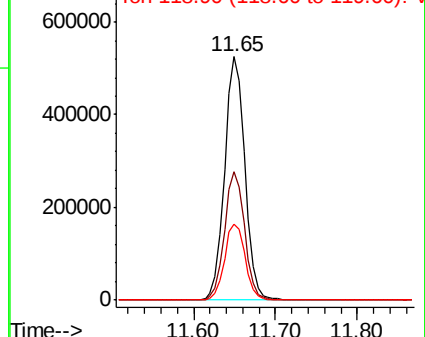
119 31.3 25.4 38.2

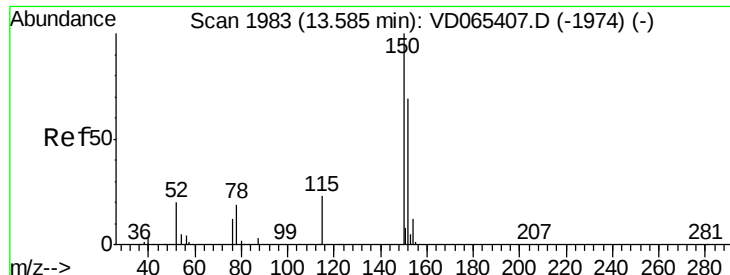


Abundance Ion 116.90 (116.60 to 117.60): V

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. -0.00 min

Lab File: VD065499.D

Acq: 13 Mar 2020 11:14

Instrument :

MSVOA_D

ClientSampleId :

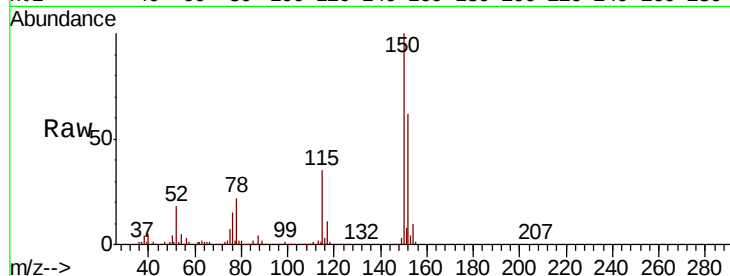
Tot Ion:152 Resp: 415425

Ion Ratio Lower Upper

152 100

115 54.4 27.6 82.8

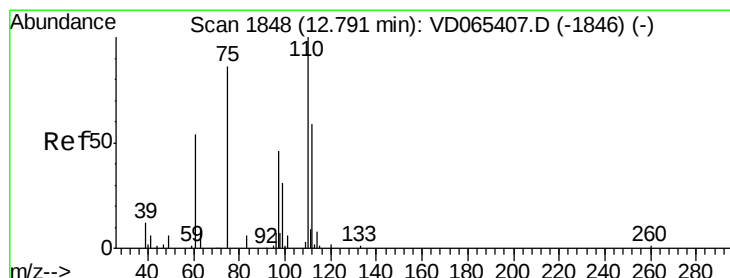
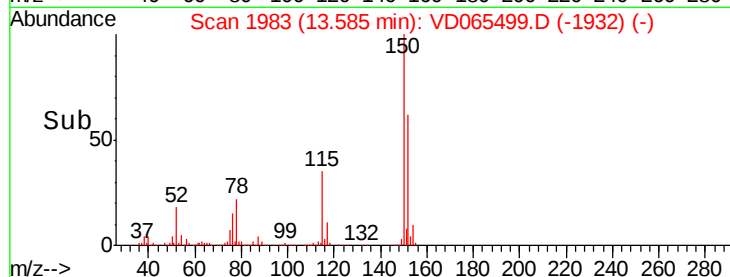
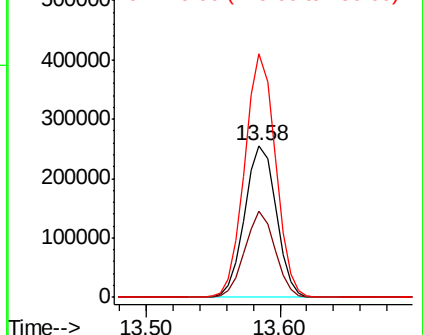
150 157.3 0.0 345.0



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: 53.951 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065499.D

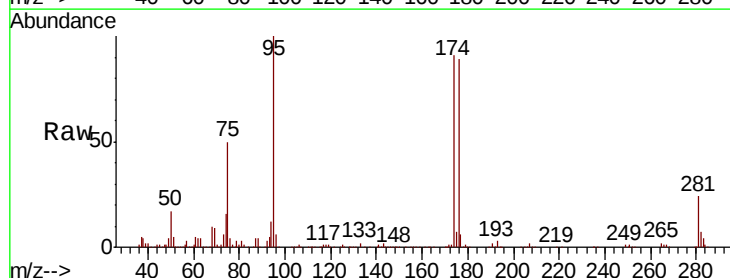
Acq: 13 Mar 2020 11:14

Tgt Ion: 75 Resp: 176853

Ion Ratio Lower Upper

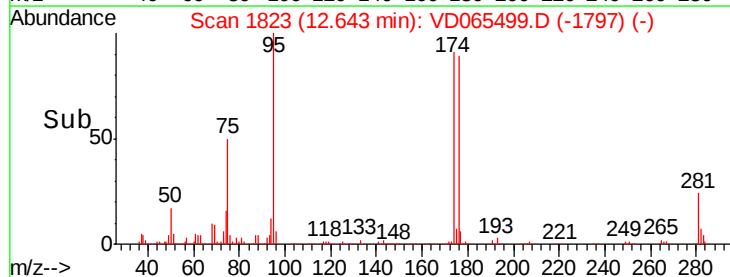
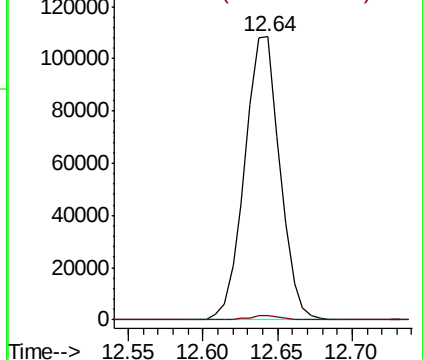
75 100

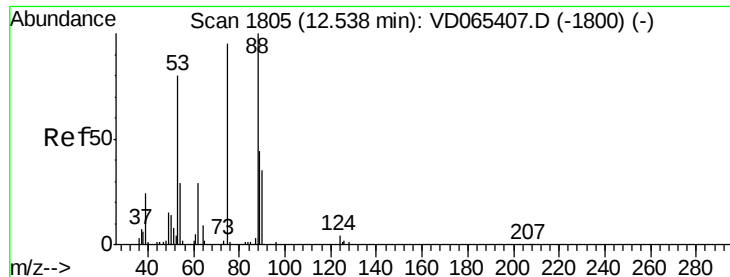
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

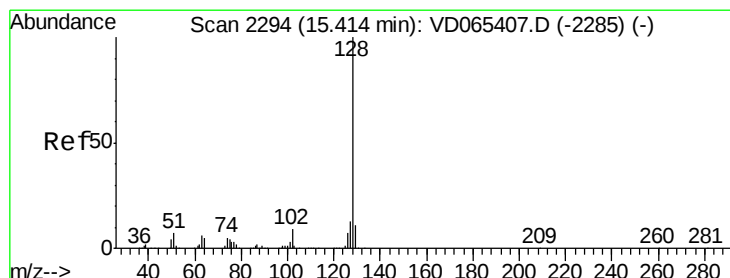
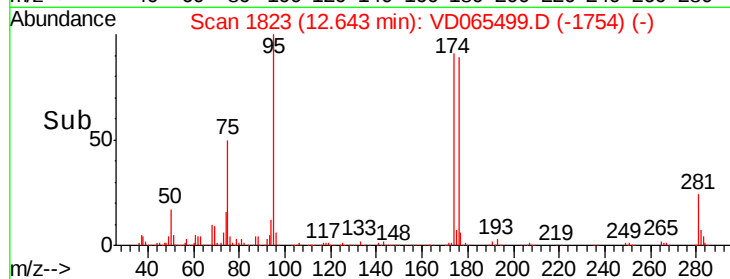
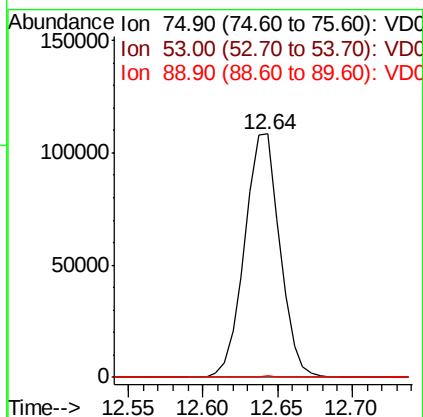
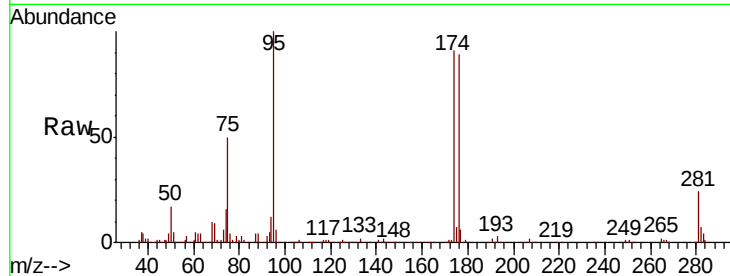




#81
trans-1,4-Dichloro-2-butene
Concen: 113.852 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.11 min
Lab File: VD065499.D
Acq: 13 Mar 2020 11:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 176853
Ion Ratio Lower Upper
75 100
53 0.1 71.3 106.9#
89 0.3 37.0 55.6#



#95
Naphthalene
Concen: 4.641 ug/l
RT: 15.42 min Scan# 2295
Delta R.T. 0.01 min
Lab File: VD065499.D
Acq: 13 Mar 2020 11:14

Tgt Ion:128 Resp: 3449
Ion Ratio Lower Upper
128 100
127 21.2 10.6 16.0#
129 9.8 8.7 13.1

