

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031120\NOT REVIEWED DATA\
 Data File : VD065479.D
 Acq On : 11 Mar 2020 14:03
 Operator : VA/SY
 Sample : L1864-07
 Misc : 6.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Mar 16 11:09:20 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	7.99	168	534409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	912947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	843578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	372769	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	272470	59.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.88%	
35) Dibromofluoromethane	7.92	113	294412	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
50) Toluene-d8	10.34	98	1103431	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.64	95	331724	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	

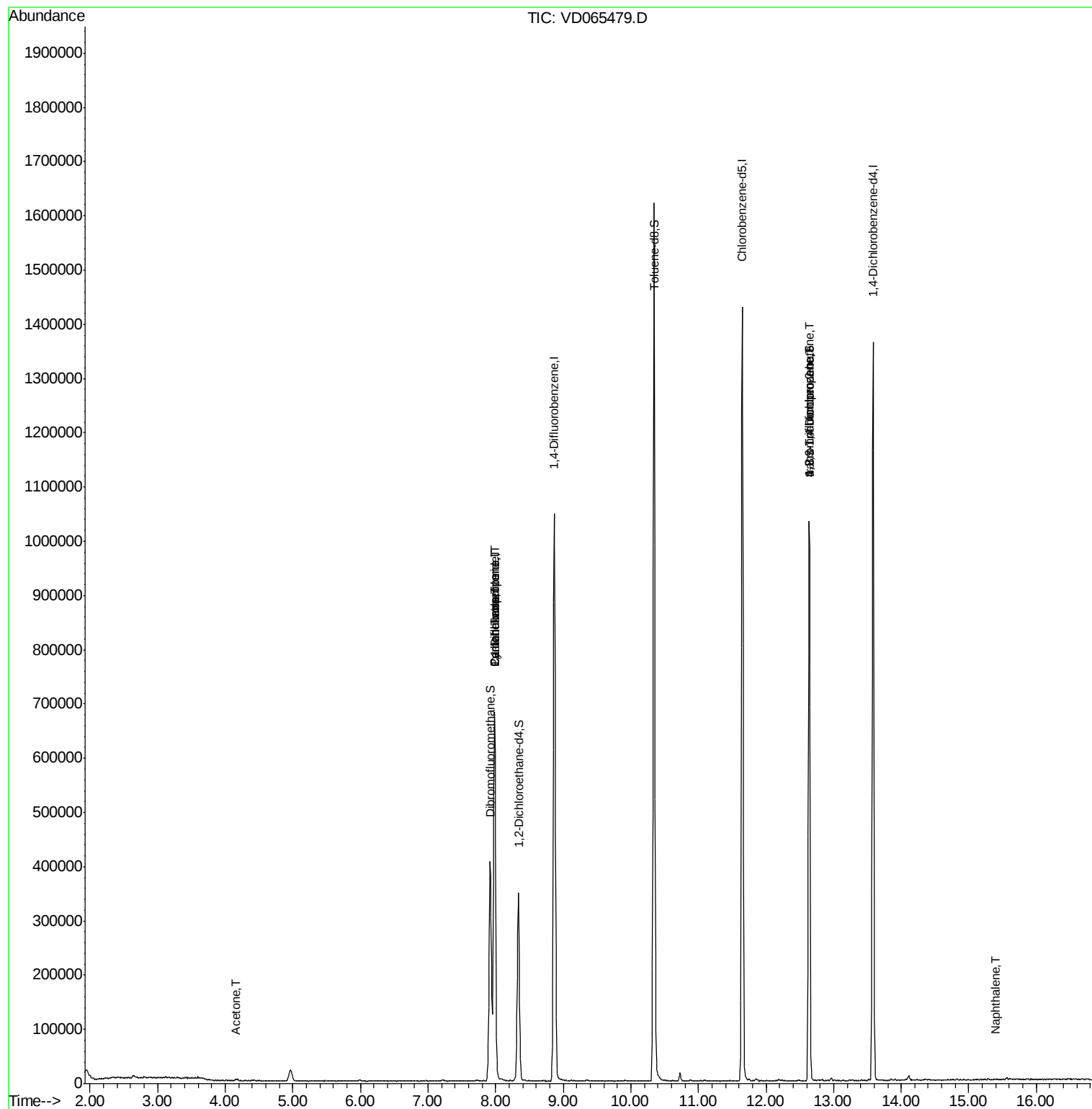
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	617	Below Cal	#	58
16) Acetone	4.16	43	5106	5.51	ug/l	100
20) Methylene Chloride	4.97	84	16140	Below Cal		96
31) Cyclohexane	7.99	56	10628	1.17	ug/l #	5
36) 1,1-Dichloropropene	7.99	75	38681	4.42	ug/l #	48
38) Carbon Tetrachloride	7.99	117	49597	5.47	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	163334	55.53	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	163334	117.18	ug/l #	14
95) Naphthalene	15.40	128	1679	4.53	ug/l #	73

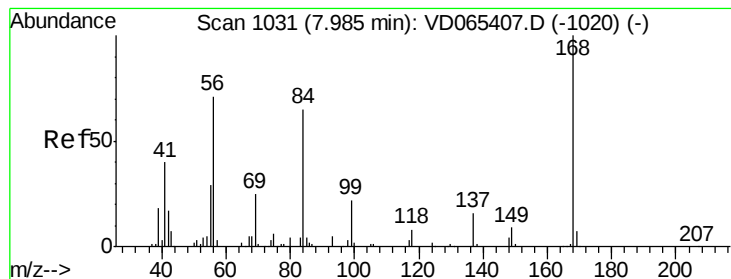
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD031120\NOT REVIEWED DATA\
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-3

Quant Time: Mar 16 11:09:20 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: 50.00 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065479.D

Acq: 11 Mar 2020 14:03

Instrument :

MSVOA_D

ClientSampled :

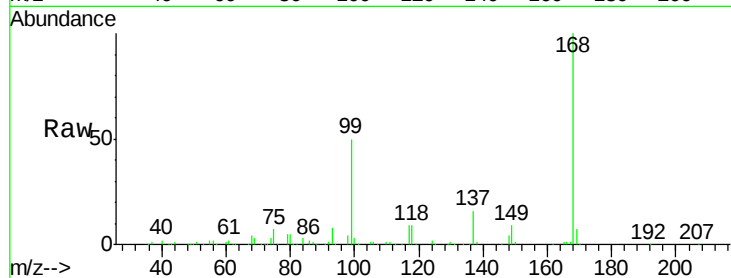
SP-3

Tgt Ion:168 Resp: 534409

Ion Ratio Lower Upper

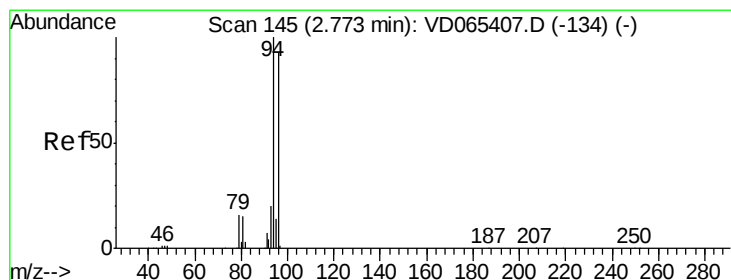
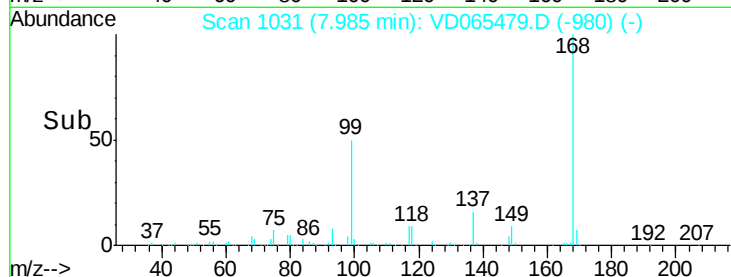
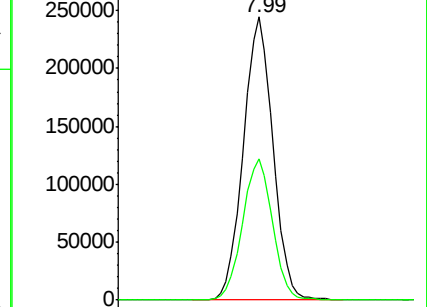
168 100

99 49.7 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: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD065479.D

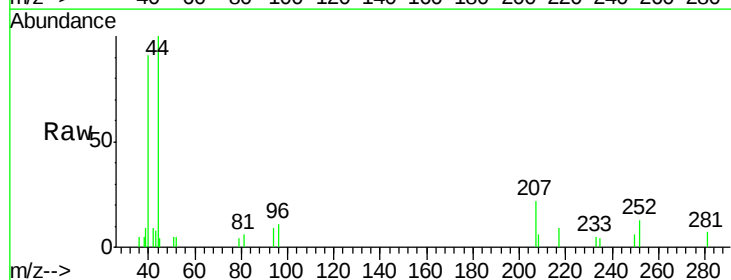
Acq: 11 Mar 2020 14:03

Tgt Ion: 94 Resp: 617

Ion Ratio Lower Upper

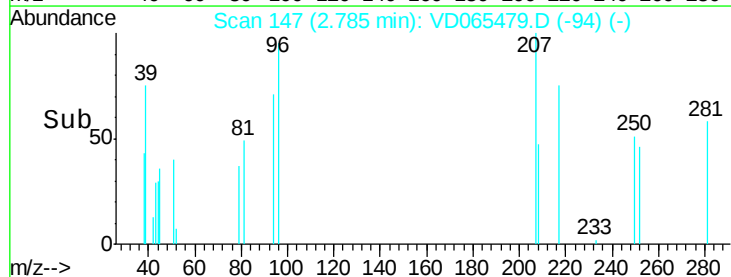
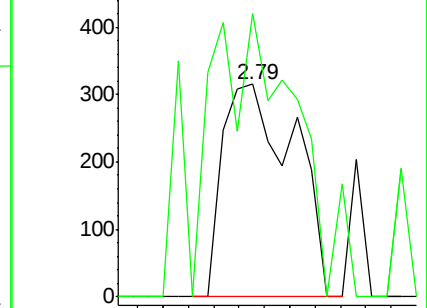
94 100

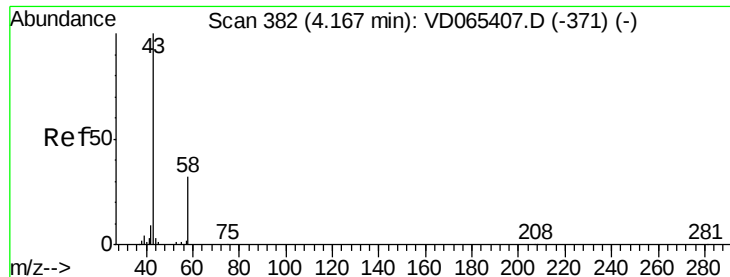
96 133.3 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 5.51 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD065479.D

Acq: 11 Mar 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

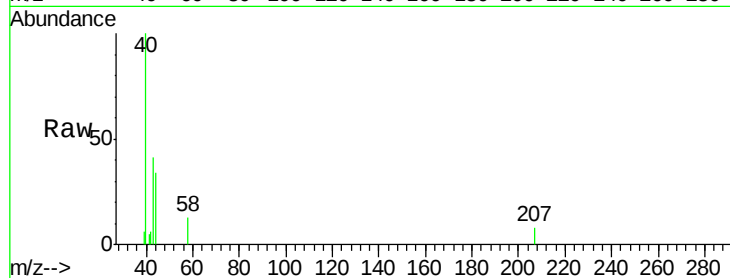
SP-3

Tgt Ion: 43 Resp: 5106

Ion Ratio Lower Upper

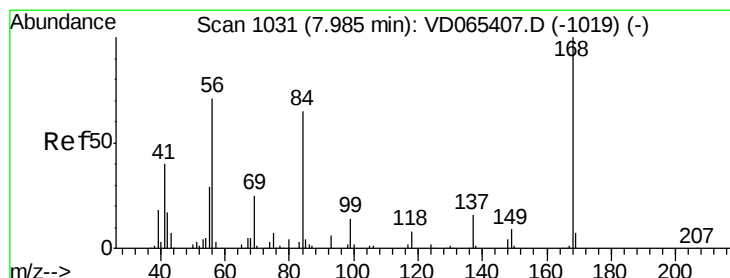
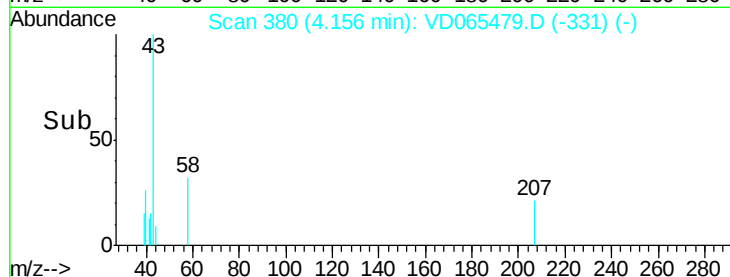
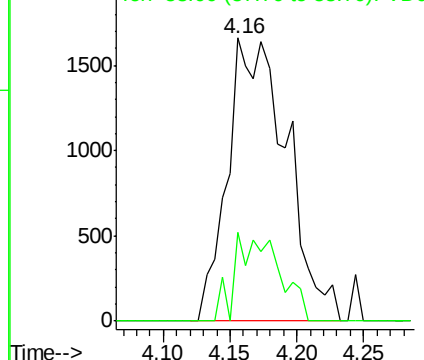
43 100

58 31.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#31

Cyclohexane

Concen: 1.17 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD065479.D

Acq: 11 Mar 2020 14:03

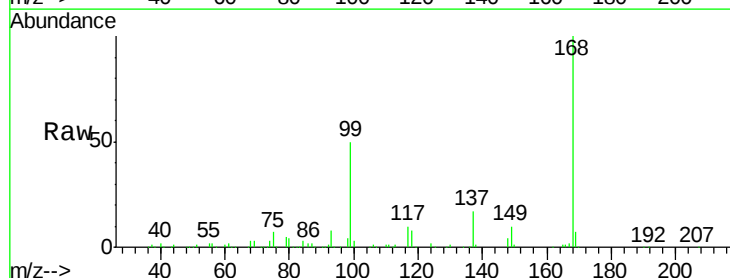
Tgt Ion: 56 Resp: 10628

Ion Ratio Lower Upper

56 100

69 153.3 28.3 42.5#

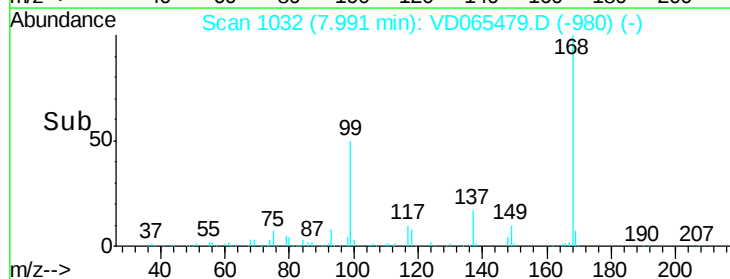
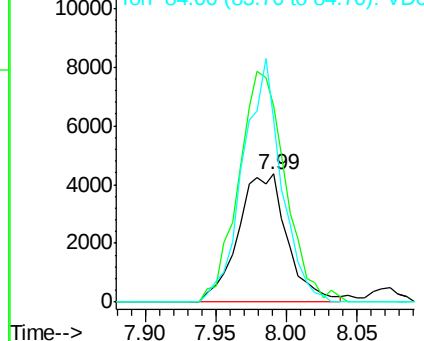
84 142.0 73.1 109.7#

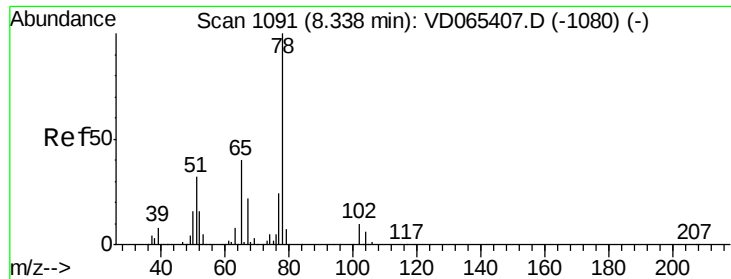


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

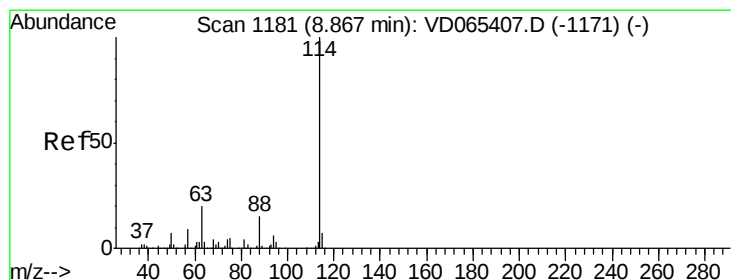
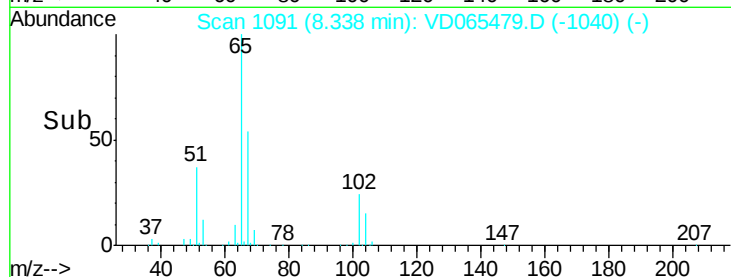
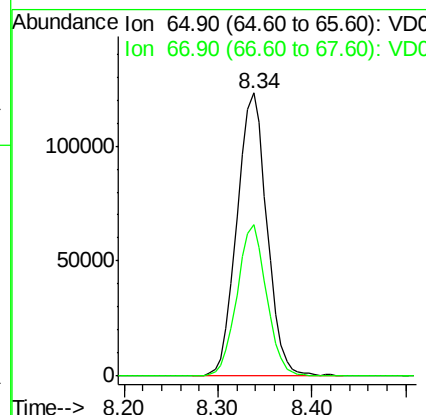
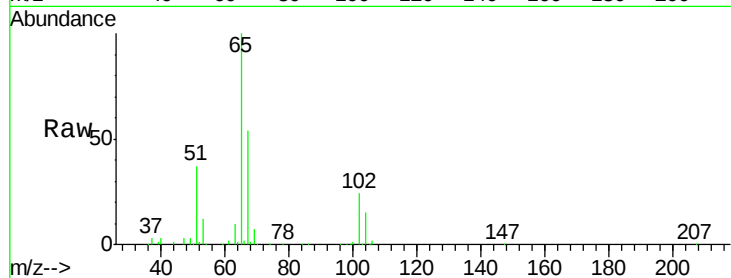




#33
 1,2-Dichloroethane-d4
 Concen: 59.44 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065479.D
 Acq: 11 Mar 2020 14:03

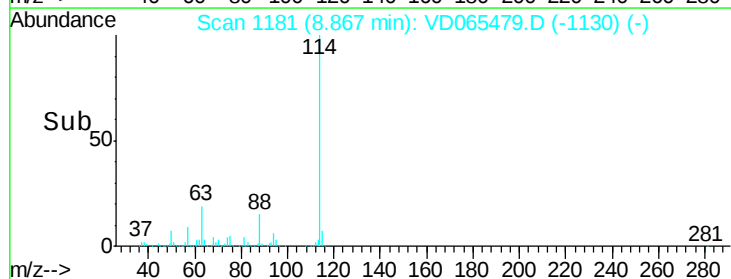
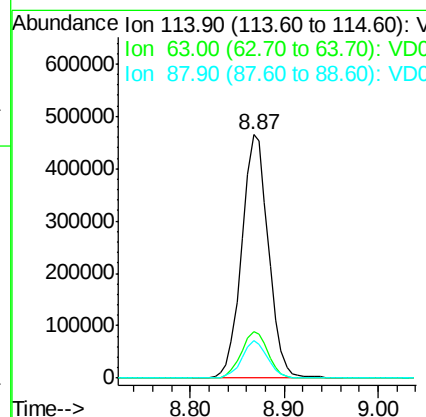
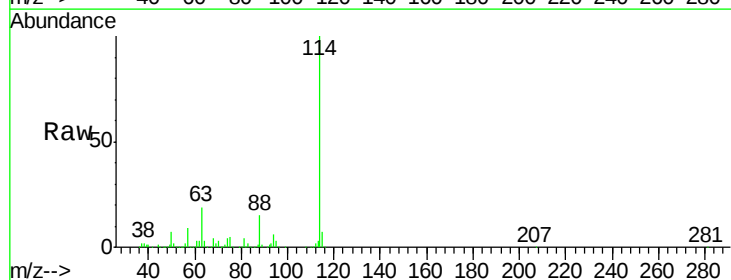
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

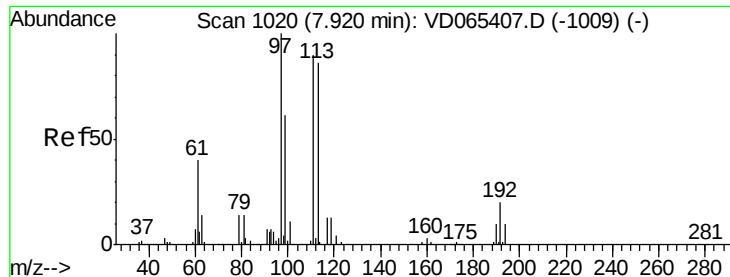
Tgt Ion: 65 Resp: 272470
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065479.D
 Acq: 11 Mar 2020 14:03

Tgt Ion: 114 Resp: 912947
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 15.2 0.0 30.4

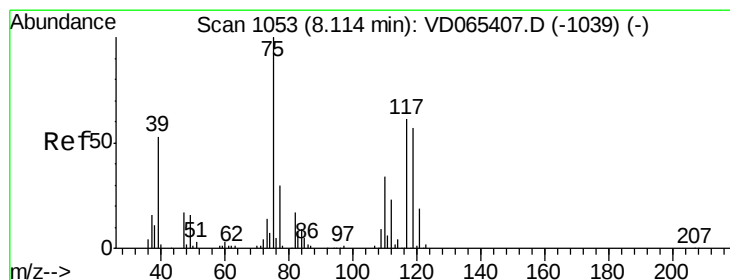
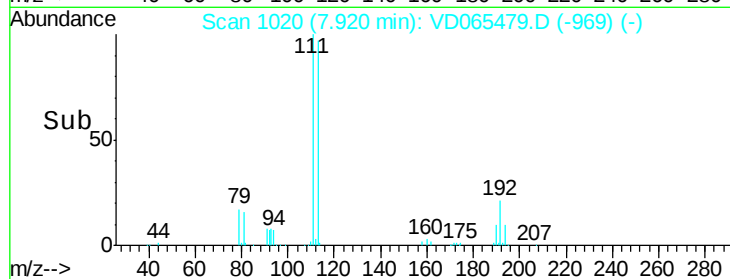
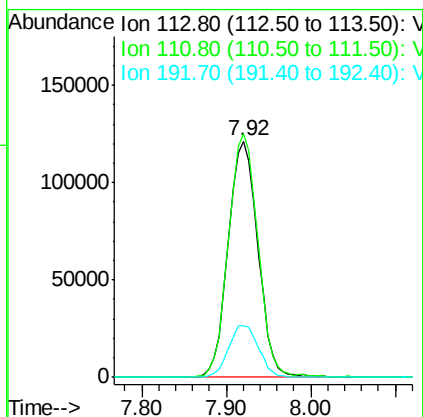
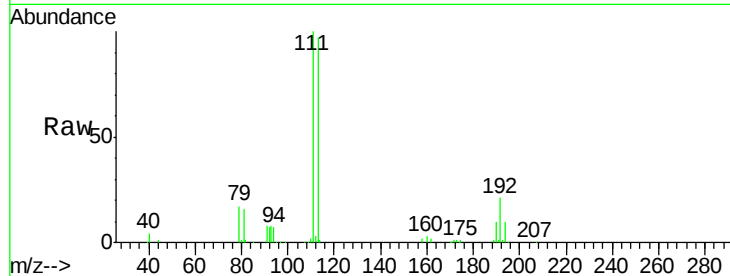




#35
 Dibromofluoromethane
 Concen: 52.15 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065479.D
 Acq: 11 Mar 2020 14:03

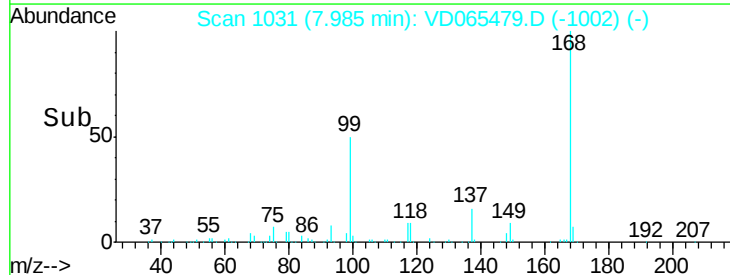
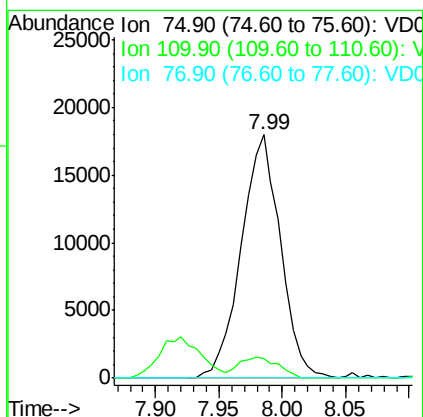
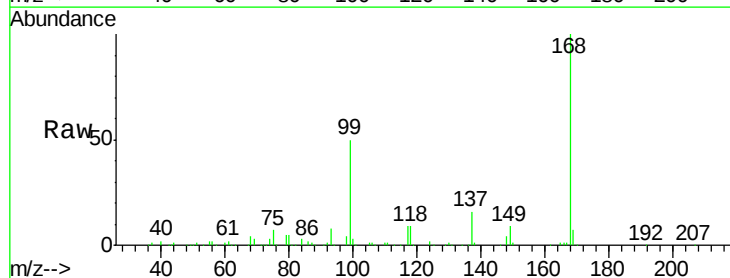
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

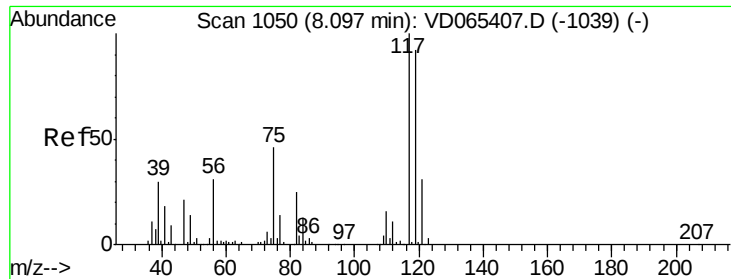
Tgt Ion: 113 Resp: 294412
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.1 123.1
 192 22.3 17.2 25.8



#36
 1,1-Dichloropropene
 Concen: 4.42 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065479.D
 Acq: 11 Mar 2020 14:03

Tgt Ion: 75 Resp: 38681
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.1 54.1#
 77 0.0 25.2 37.8#

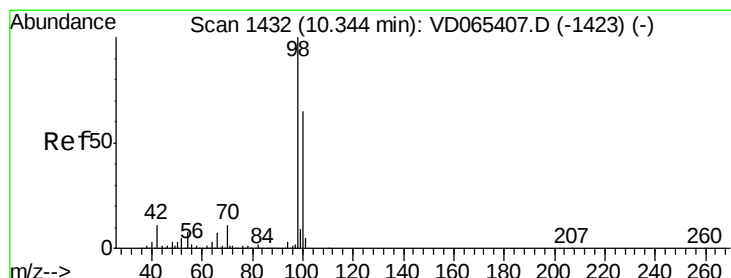
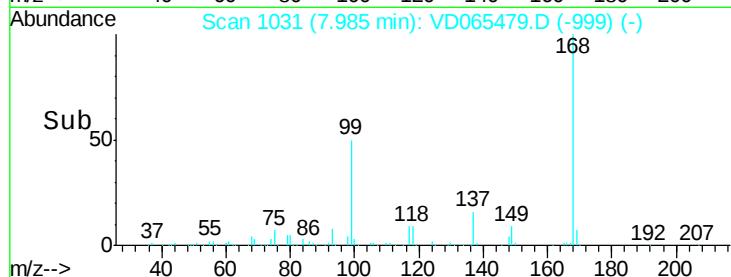
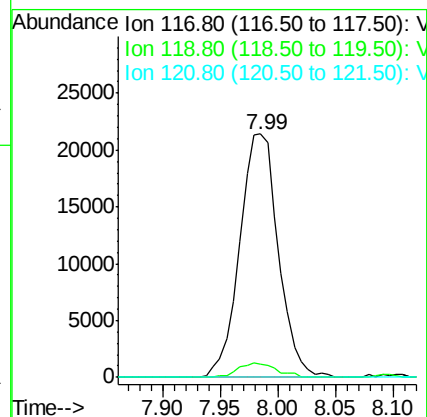
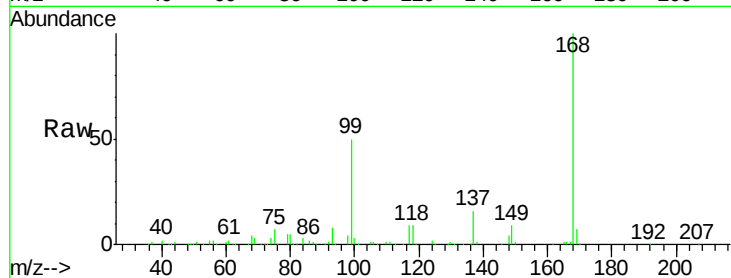




#38
Carbon Tetrachloride
Concen: 5.47 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065479.D
Acq: 11 Mar 2020 14:03

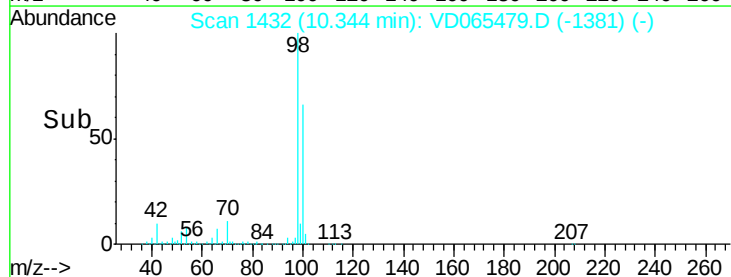
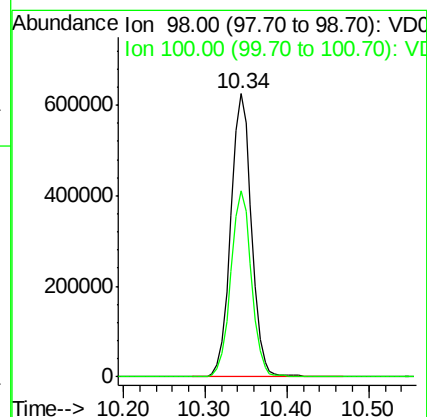
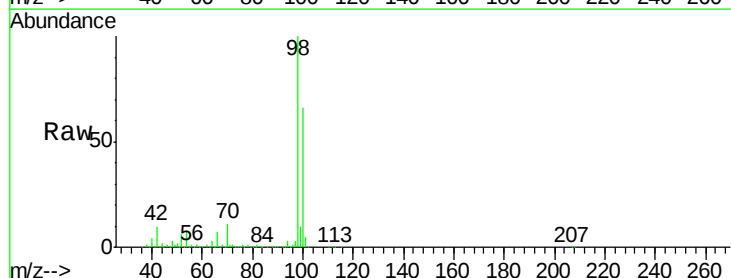
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ClientSampleId :
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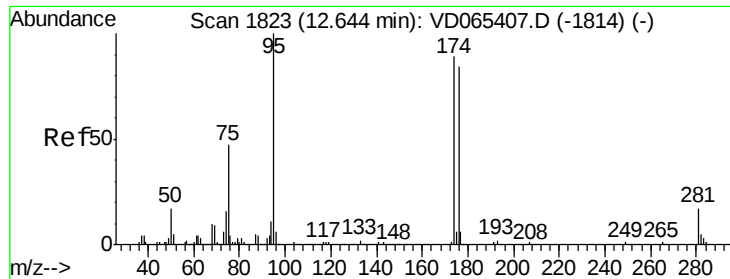
Tgt Ion:117 Resp: 49597
Ion Ratio Lower Upper
117 100
119 5.5 73.3 109.9#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.95 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065479.D
Acq: 11 Mar 2020 14:03

Tgt Ion: 98 Resp: 1103431
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2

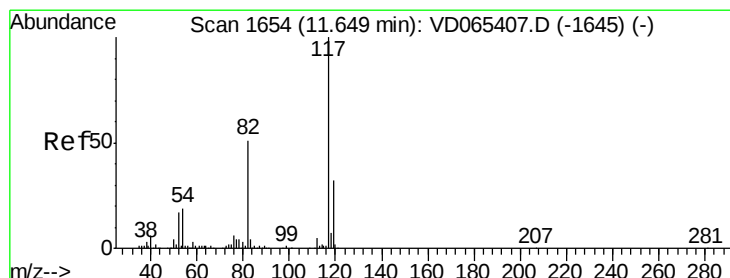
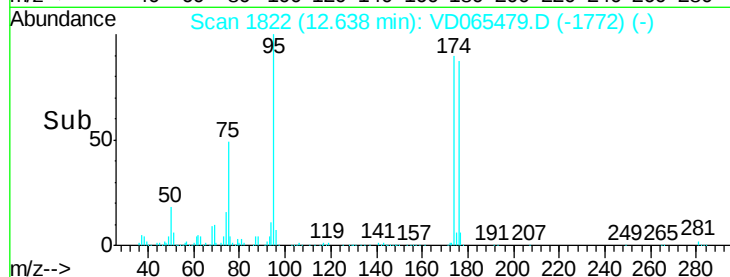
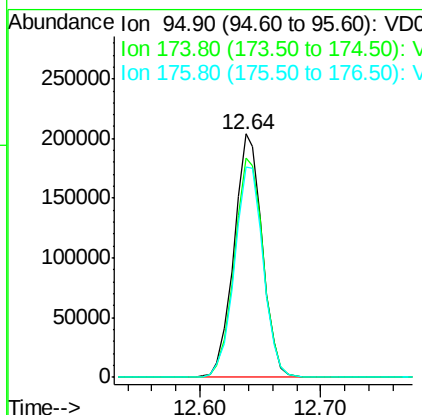
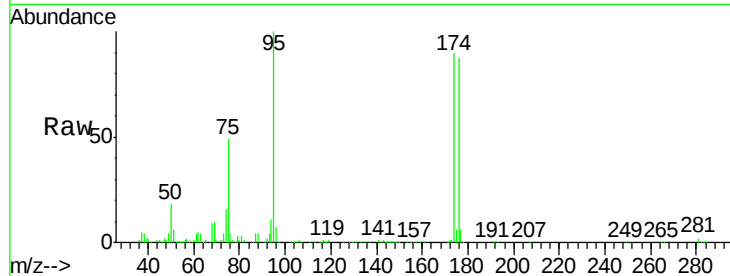




#62
4-Bromofluorobenzene
Concen: 49.61 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065479.D
Acq: 11 Mar 2020 14:03

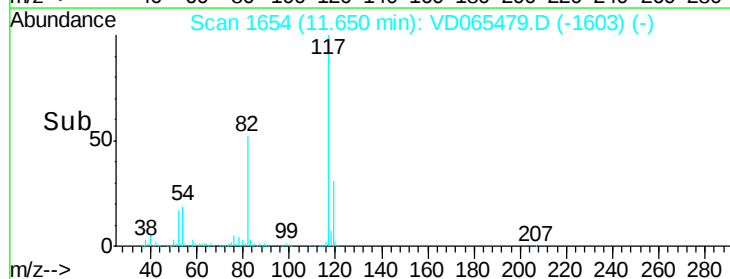
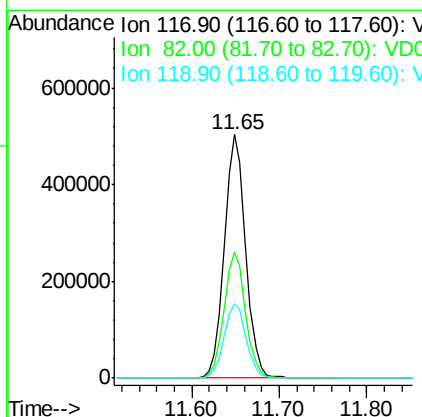
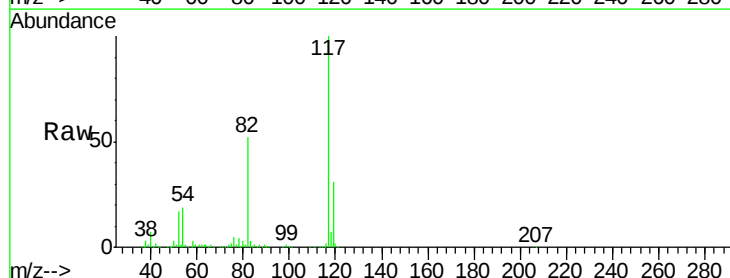
Instrument :
MSVOA_D
ClientSampled :
SP-3

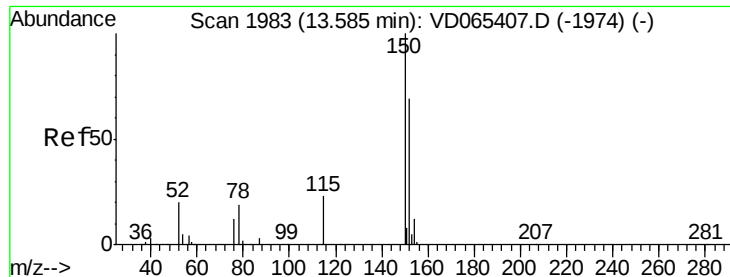
Tgt Ion: 95 Resp: 331724
Ion Ratio Lower Upper
95 100
174 91.9 0.0 176.8
176 88.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065479.D
Acq: 11 Mar 2020 14:03

Tgt Ion: 117 Resp: 843578
Ion Ratio Lower Upper
117 100
82 51.9 40.6 60.8
119 30.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065479.D

Acq: 11 Mar 2020 14:03

Instrument :

MSVOA_D

ClientSampleId :

SP-3

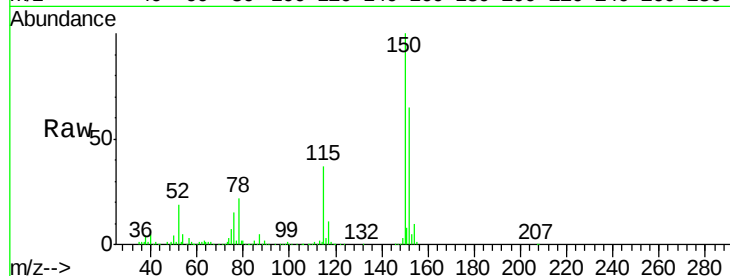
Tgt Ion:152 Resp: 372769

Ion Ratio Lower Upper

152 100

115 56.1 27.6 82.8

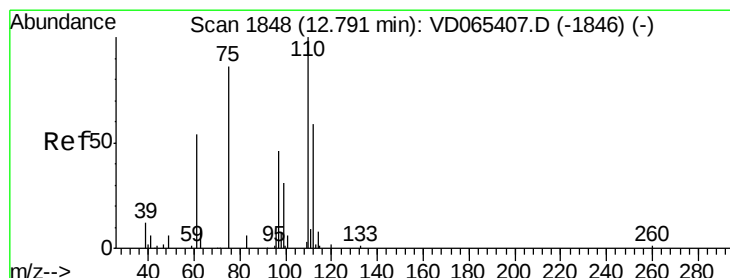
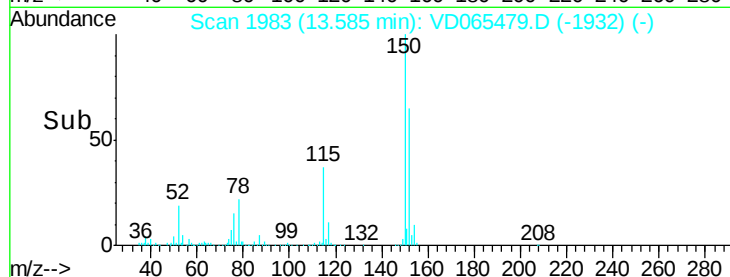
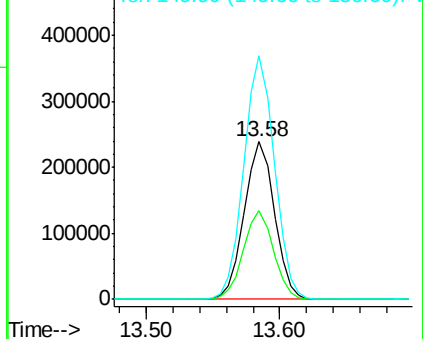
150 156.3 0.0 345.0



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: 55.53 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065479.D

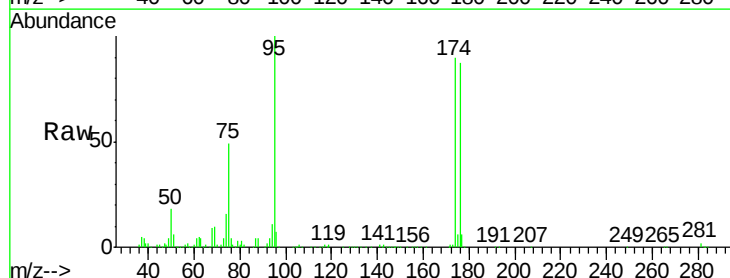
Acq: 11 Mar 2020 14:03

Tgt Ion: 75 Resp: 163334

Ion Ratio Lower Upper

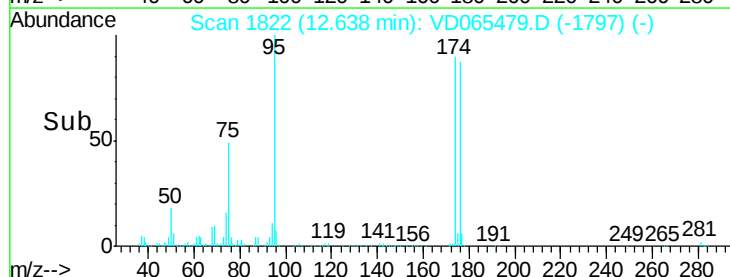
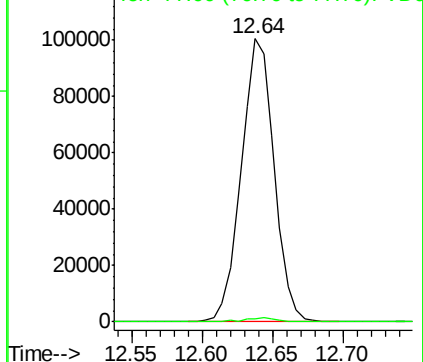
75 100

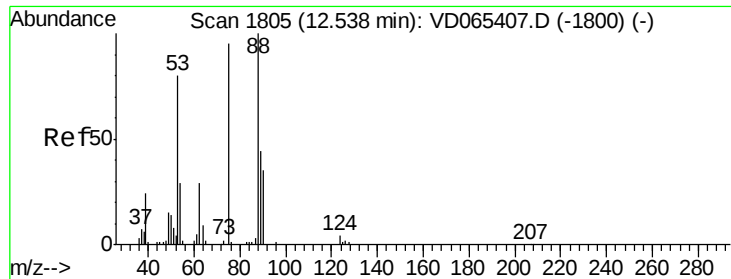
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

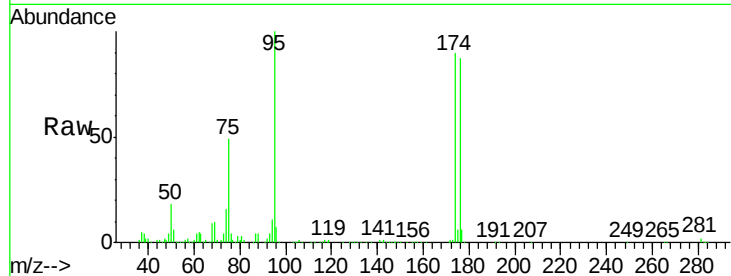




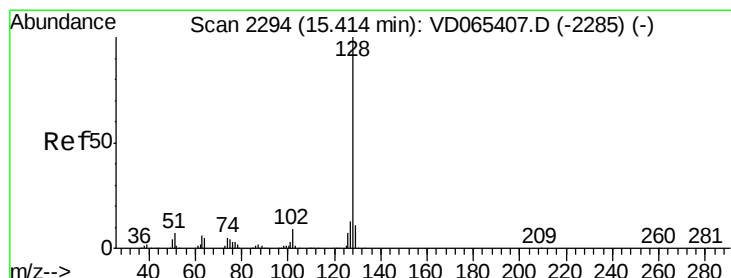
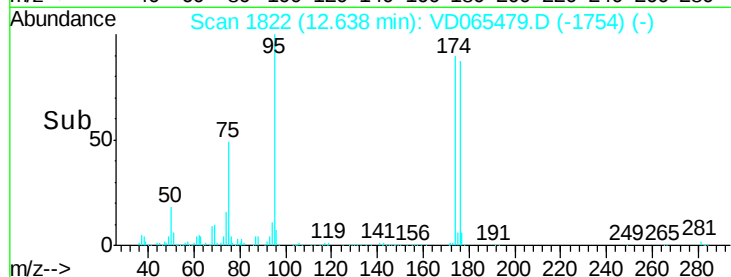
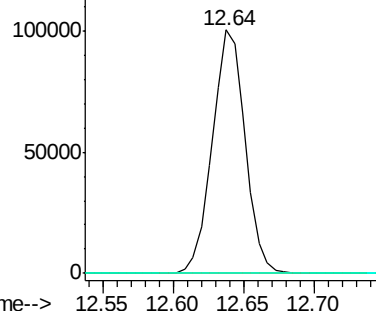
#81
trans-1,4-Dichloro-2-butene
Concen: 117.18 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD065479.D
Acq: 11 Mar 2020 14:03

Instrument :
MSVOA_D
ClientSampled :
SP-3

Tgt Ion: 75 Resp: 163334
Ion Ratio Lower Upper
75 100
53 0.2 71.3 106.9#
89 0.0 37.0 55.6#

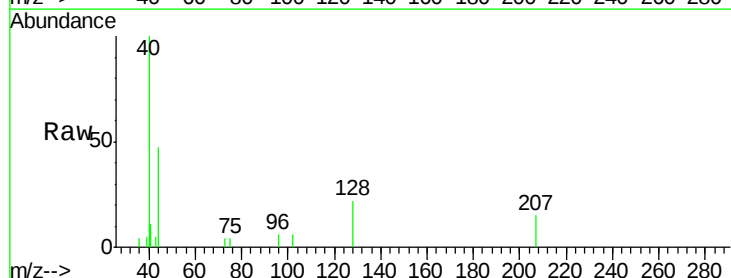


Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#95
Naphthalene
Concen: 4.53 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD065479.D
Acq: 11 Mar 2020 14:03

Tgt Ion: 128 Resp: 1679
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 3.5 8.7 13.1#



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

