

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065649.D
 Acq On : 17 Apr 2020 17:24
 Operator : VA/SY
 Sample : L2327-11
 Misc : 6.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 07:01:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	220369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	358991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	342241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	156236	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	118134	63.02	ug/l	0.00
Spiked Amount						
			Recovery	=	126.04%	
35) Dibromofluoromethane	7.92	113	121029	54.17	ug/l	0.00
Spiked Amount						
			Recovery	=	108.34%	
50) Toluene-d8	10.34	98	439647	53.38	ug/l	0.00
Spiked Amount						
			Recovery	=	106.76%	
62) 4-Bromofluorobenzene	12.64	95	129002	47.07	ug/l	0.00
Spiked Amount						
			Recovery	=	94.14%	

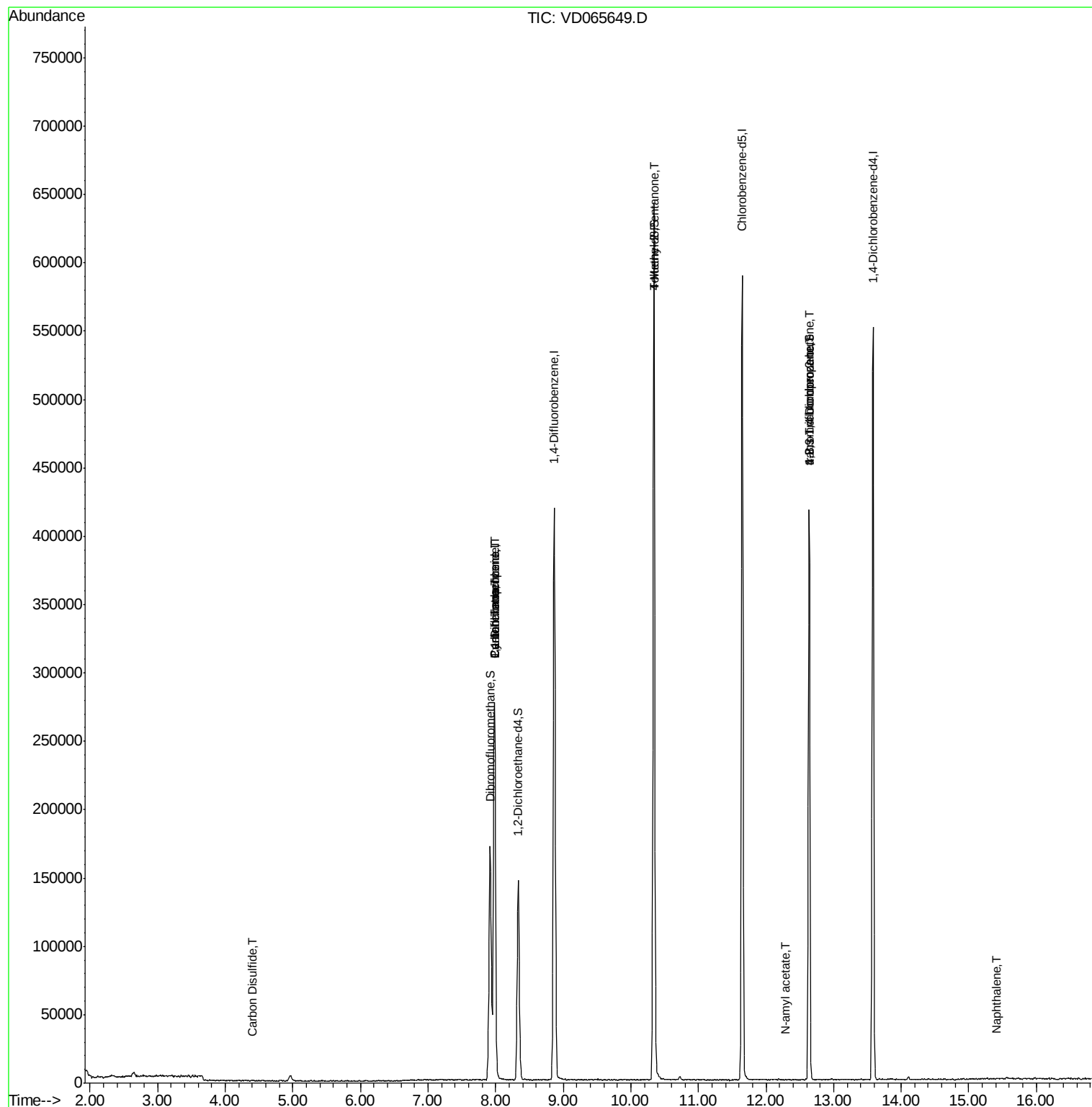
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	4.40	76	394	6.075	ug/l #	75
20) Methylene Chloride	4.97	84	3117	Below Cal	#	87
31) Cyclohexane	7.98	56	4066	1.152	ug/l #	1
36) 1,1-Dichloropropene	7.99	75	15980	4.610	ug/l #	48
38) Carbon Tetrachloride	7.98	117	20311	5.470	ug/l #	18
51) 4-Methyl-2-Pentanone	10.34	43	1710	10.860	ug/l #	1
74) N-amyl acetate	12.28	43	61	2.836	ug/l #	41
76) 1,2,3-Trichloropropane	12.64	75	65025	51.764	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	65025	113.447	ug/l #	11
95) Naphthalene	15.41	128	248	4.151	ug/l #	69

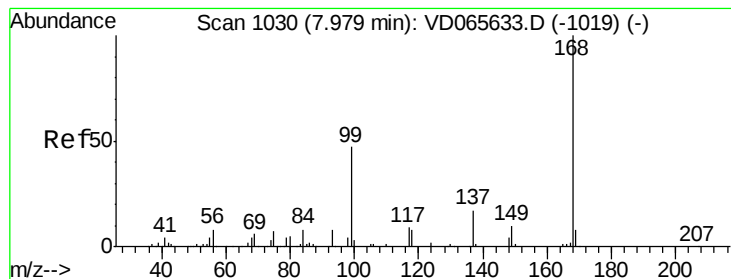
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041720\
Data File : VD065649.D
Acq On : 17 Apr 2020 17:24
Operator : VA/SY
Sample : L2327-11
Misc : 6.91G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 20 07:01:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 15 19:43:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065649.D

Acq: 17 Apr 2020 17:24

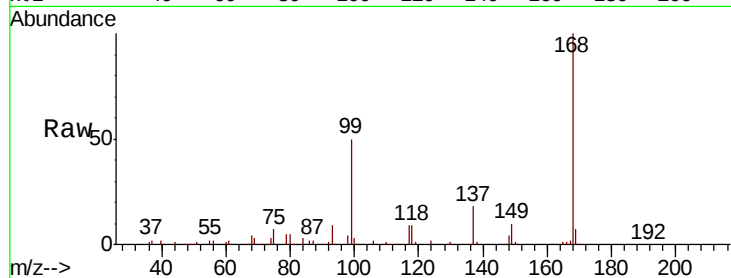
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 220369

Ion Ratio Lower Upper

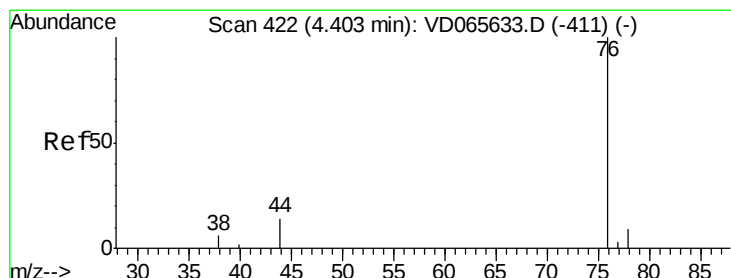
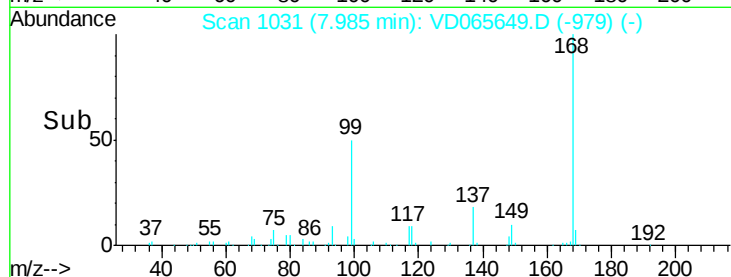
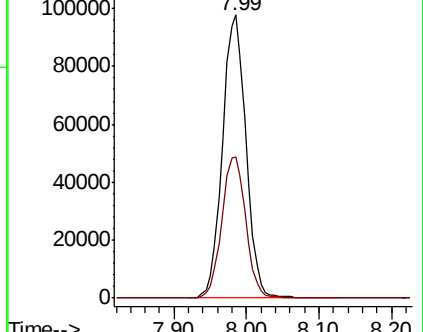
168 100

99 49.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#17

Carbon Disulfide

Concen: 6.075 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD065649.D

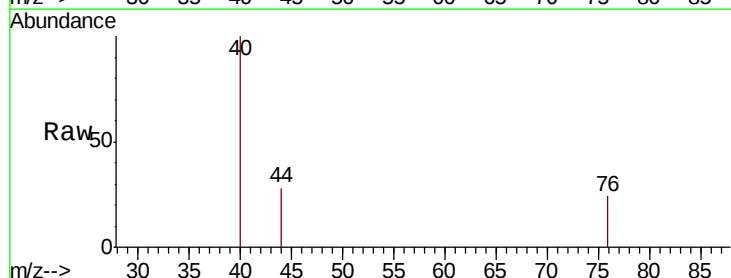
Acq: 17 Apr 2020 17:24

Tgt Ion: 76 Resp: 394

Ion Ratio Lower Upper

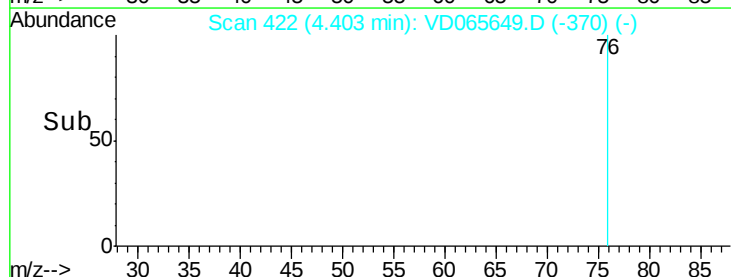
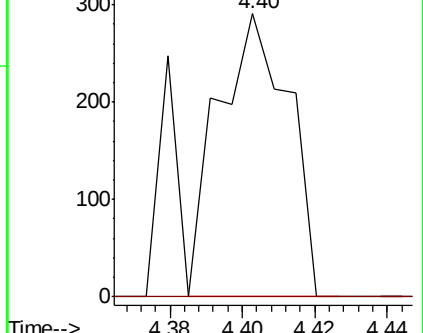
76 100

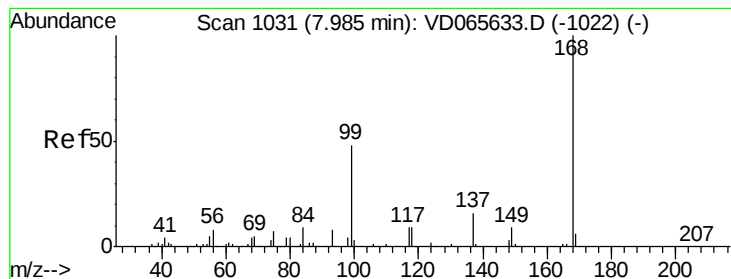
78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC





#31

Cyclohexane

Concen: 1.152 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065649.D

Acq: 17 Apr 2020 17:24

Instrument :

MSVOA_D

ClientSampleId :

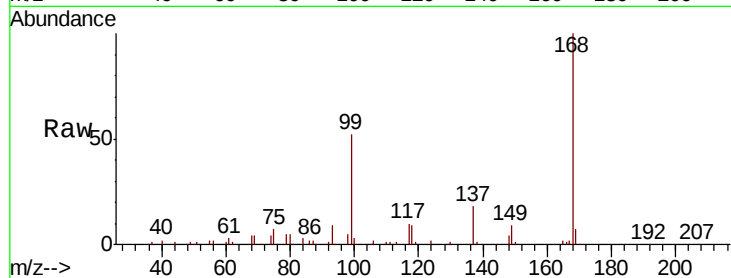
Tot Ion: 56 Resp: 4066

Ion Ratio Lower Upper

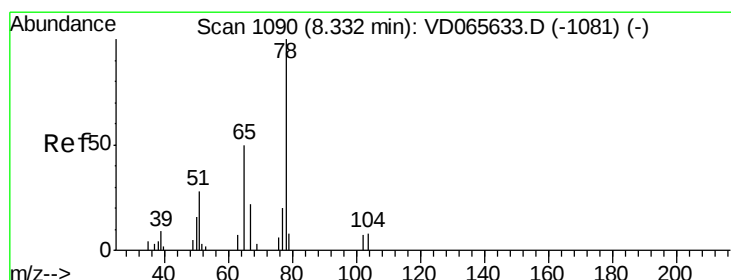
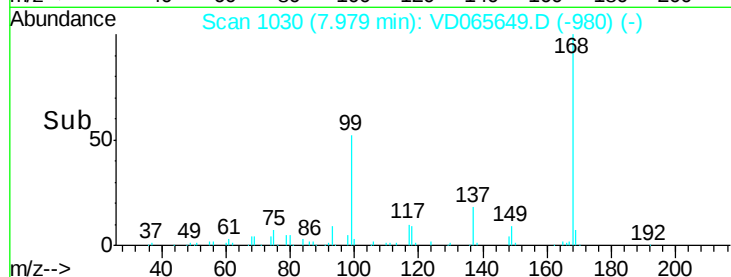
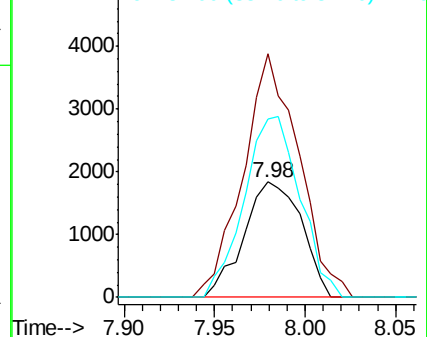
56 100

69 211.5 26.6 40.0#

84 154.5 75.3 112.9#



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: 63.017 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD065649.D

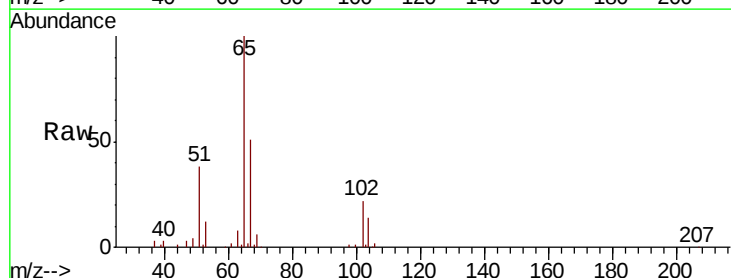
Acq: 17 Apr 2020 17:24

Tgt Ion: 65 Resp: 118134

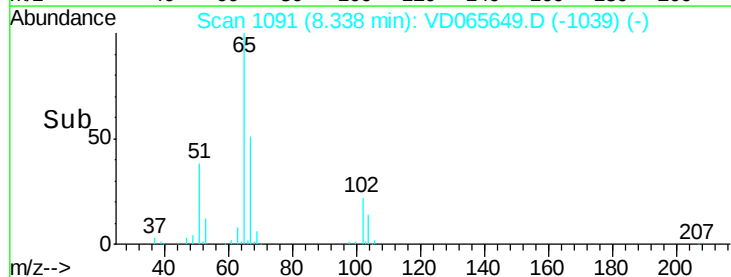
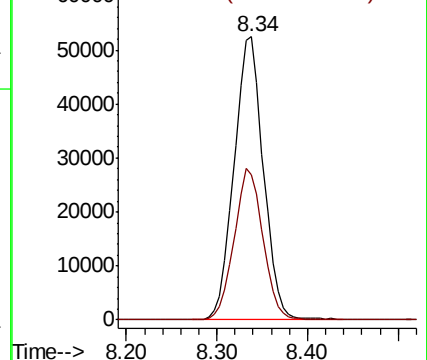
Ion Ratio Lower Upper

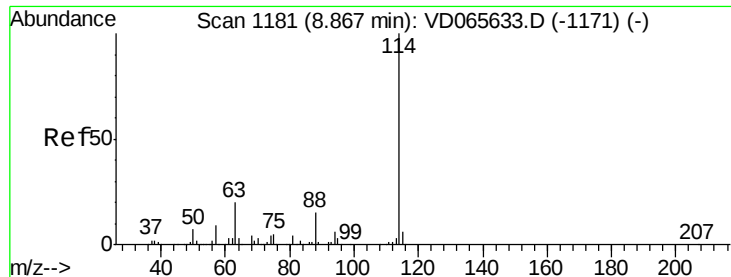
65 100

67 52.4 0.0 105.8



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

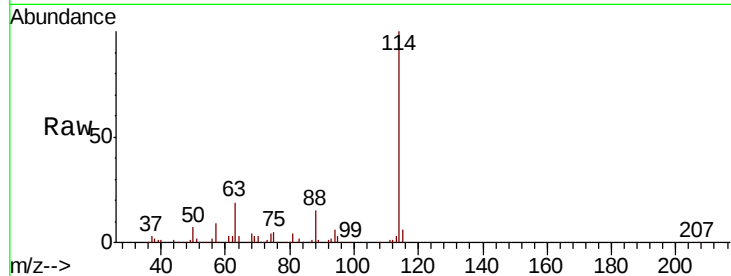




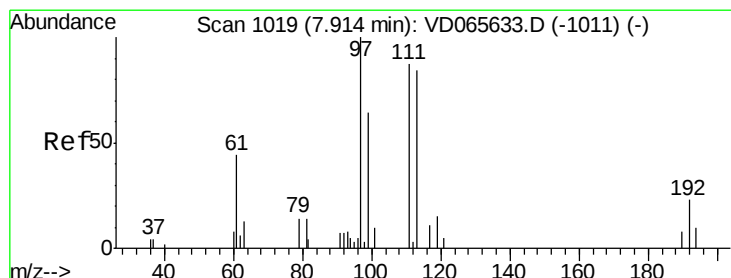
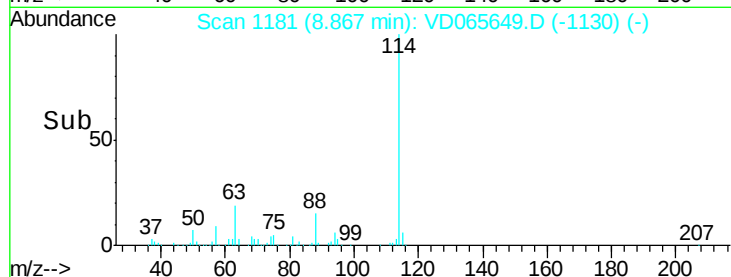
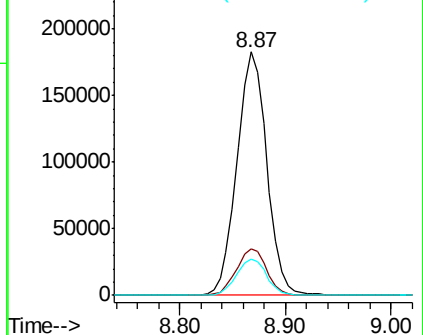
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065649.D
 Acq: 17 Apr 2020 17:24

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.8
88	15.0	0.0	31.6

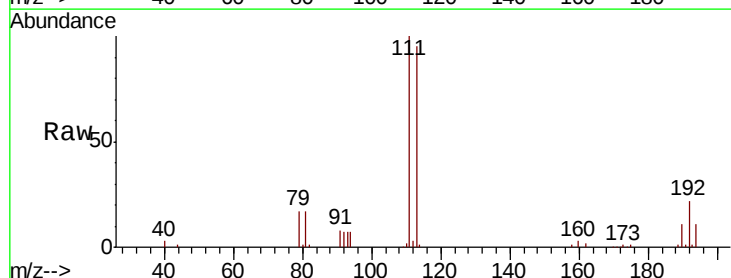


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

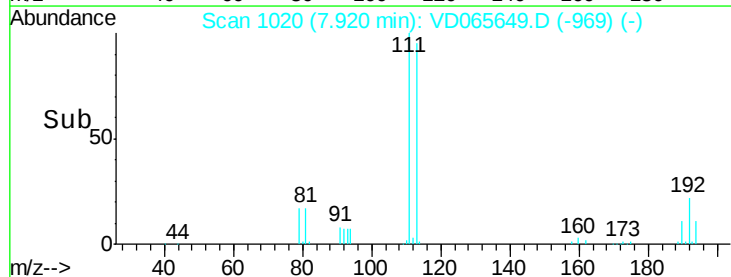
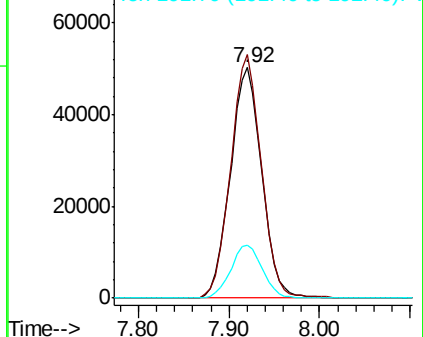


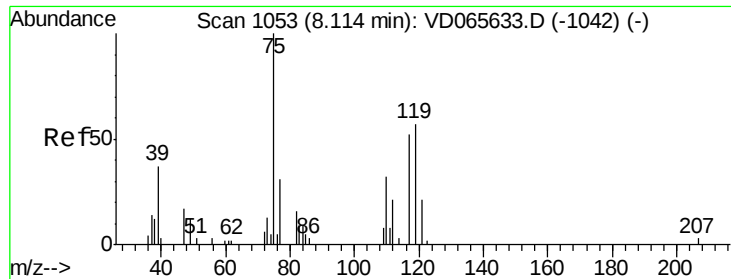
#35
 Dibromofluoromethane
 Concen: 54.170 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065649.D
 Acq: 17 Apr 2020 17:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	23.2	18.9	28.3



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

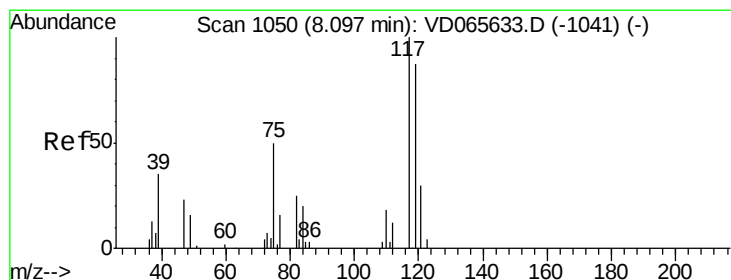
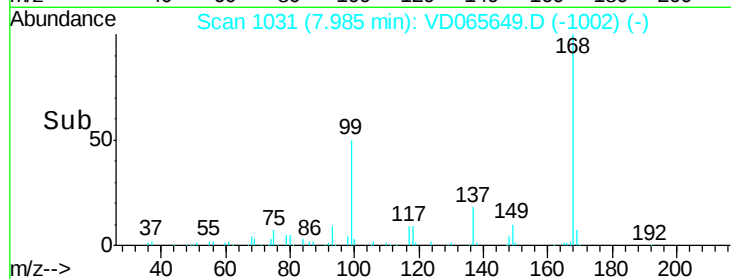
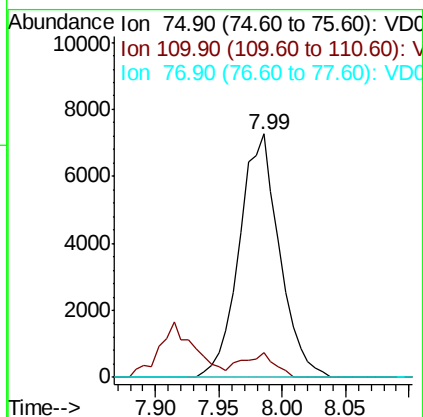
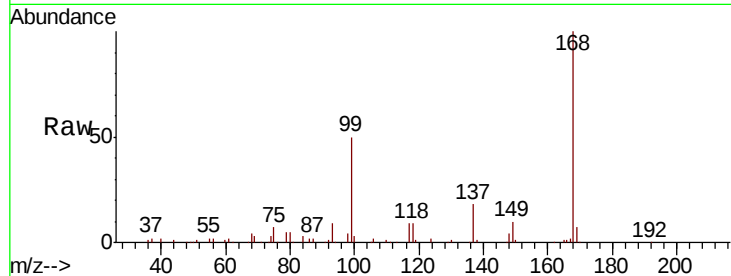




#36
 1,1-Dichloropropene
 Concen: 4.610 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065649.D
 Acq: 17 Apr 2020 17:24

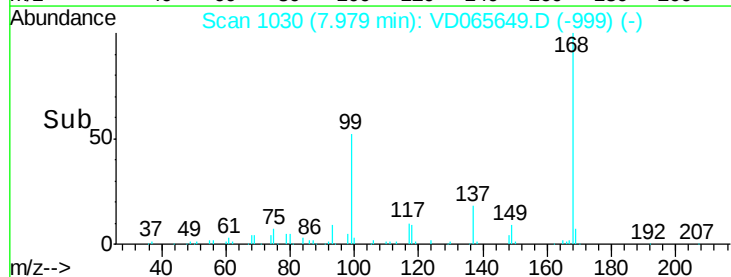
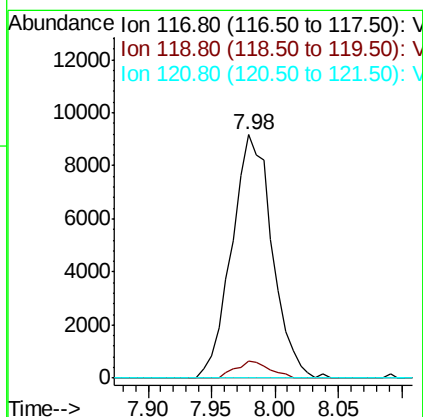
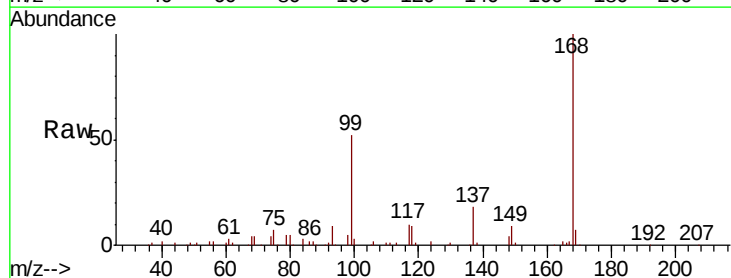
Instrument :
 MSVOA_D
 ClientSampled :

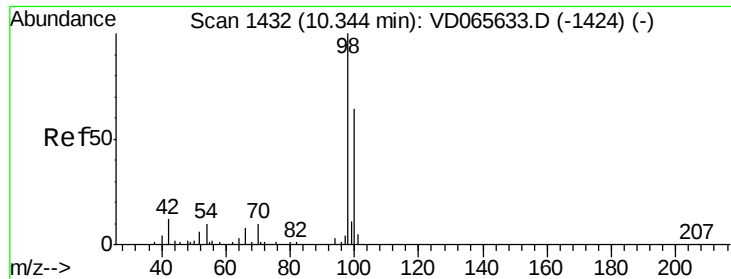
Tot Ion	75	Resp	15980
Ion Ratio	100	Lower	Upper
75	100		
110	8.3	18.3	54.8#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 5.470 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD065649.D
 Acq: 17 Apr 2020 17:24

Tgt Ion	117	Resp	20311
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	7.2	75.3	112.9#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 53.379 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065649.D

Acq: 17 Apr 2020 17:24

Instrument :

MSVOA_D

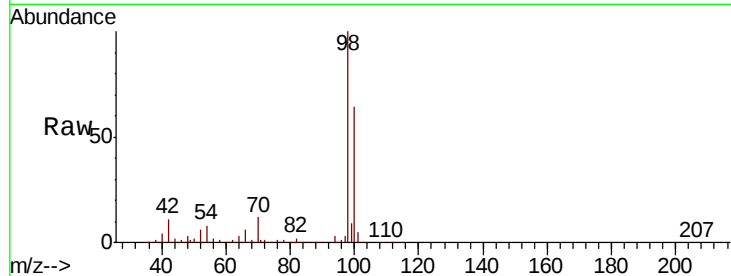
ClientSampled :

Tot Ion: 98 Resp: 439647

Ion Ratio Lower Upper

98 100

100 63.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

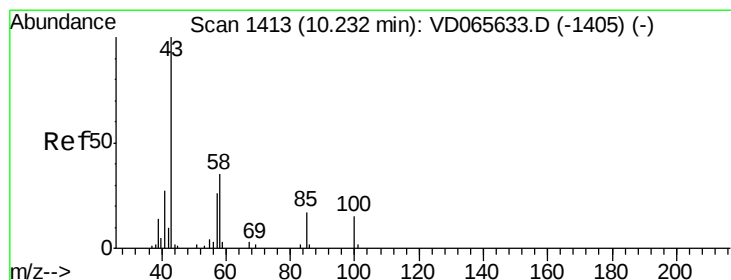
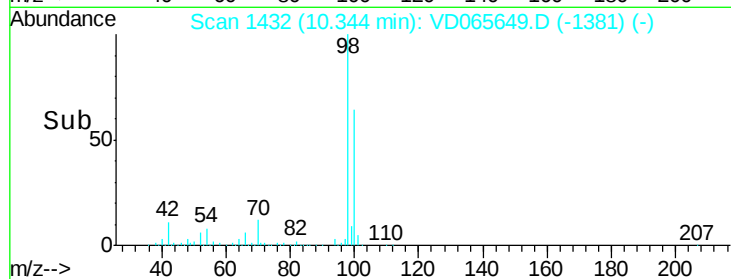
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 10.860 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD065649.D

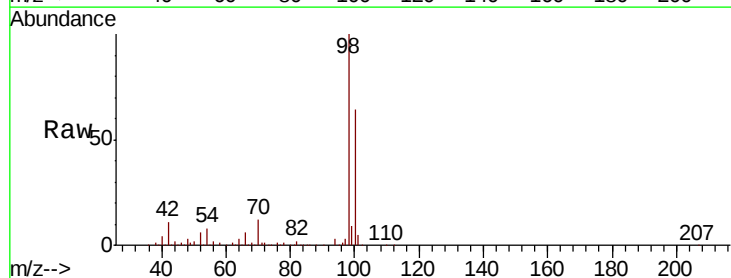
Acq: 17 Apr 2020 17:24

Tgt Ion: 43 Resp: 1710

Ion Ratio Lower Upper

43 100

58 182.0 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

2000

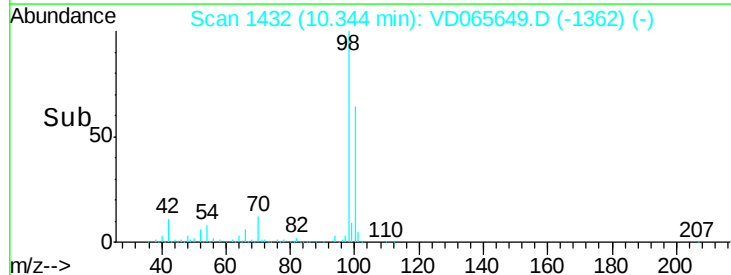
1500

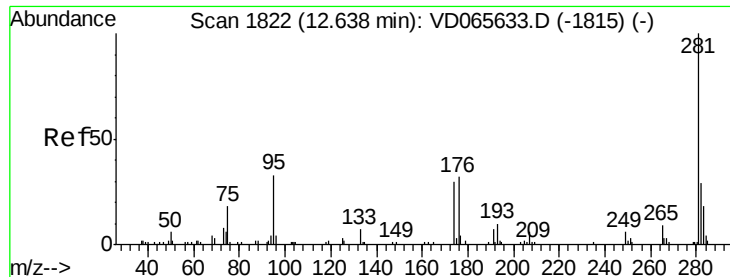
1000

500

0

Time-->

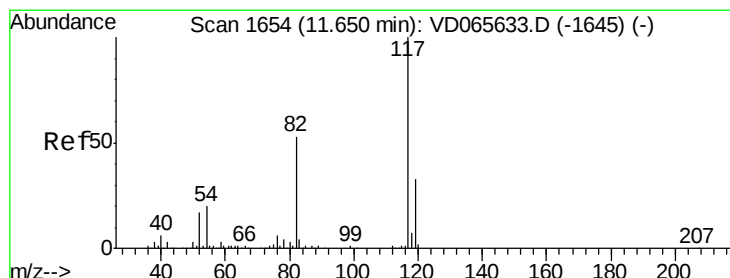
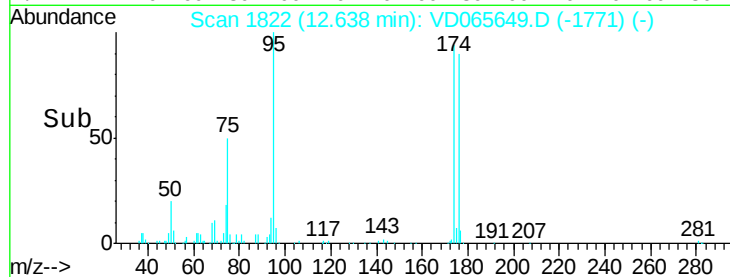
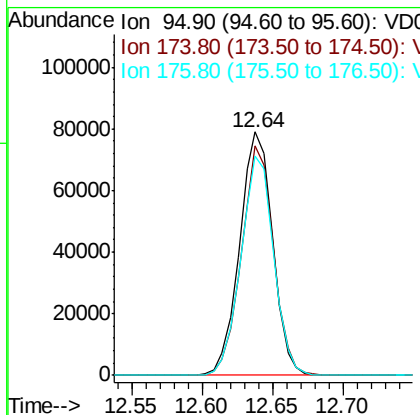
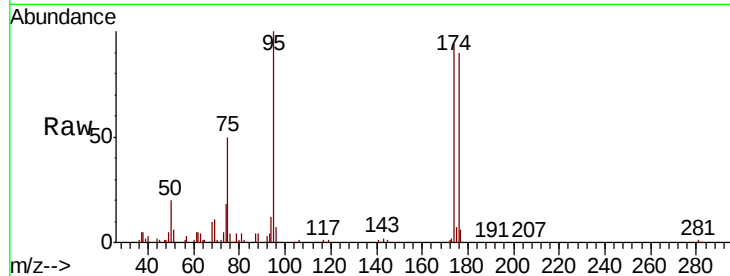




#62
 4-Bromofluorobenzene
 Concen: 47.071 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065649.D
 Acq: 17 Apr 2020 17:24

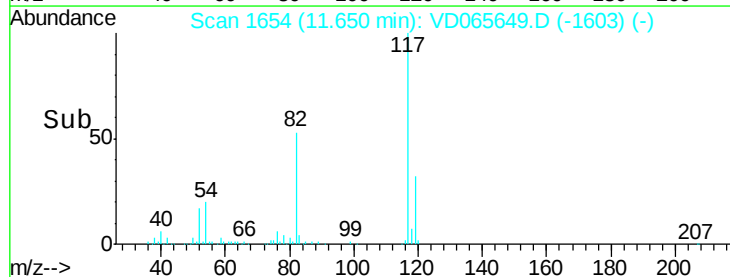
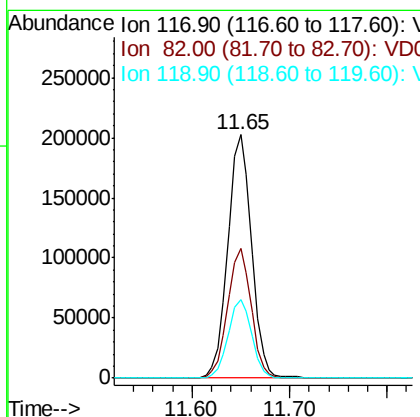
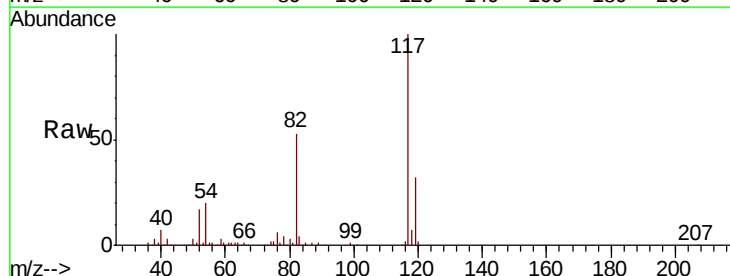
Instrument :
 MSVOA_D
 ClientSampleId :

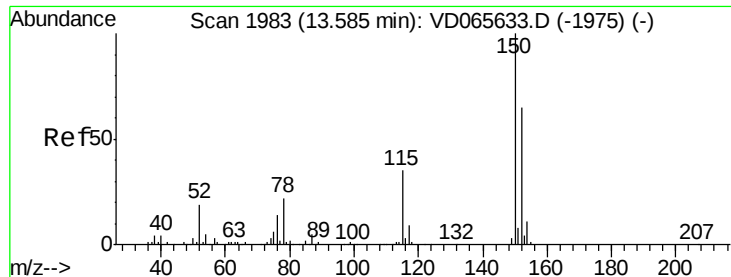
Tot Ion	95	Resp	129002
Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	183.8
176	89.5	0.0	181.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.65 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: VD065649.D
 Acq: 17 Apr 2020 17:24

Tgt Ion	117	Resp	342241
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.2	64.8
119	32.5	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065649.D

Acq: 17 Apr 2020 17:24

Instrument :

MSVOA_D

ClientSampleId :

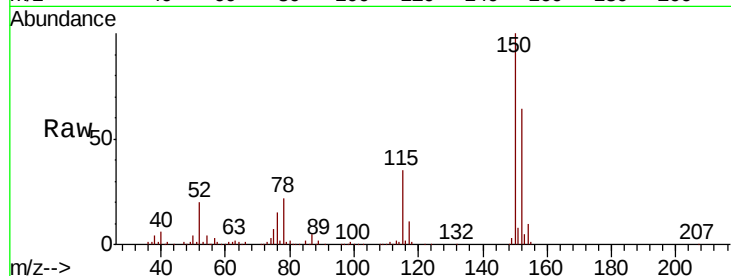
Tot Ion:152 Resp: 156236

Ion Ratio Lower Upper

152 100

115 54.7 27.6 82.7

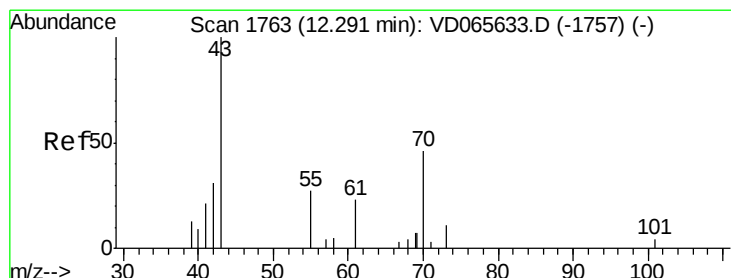
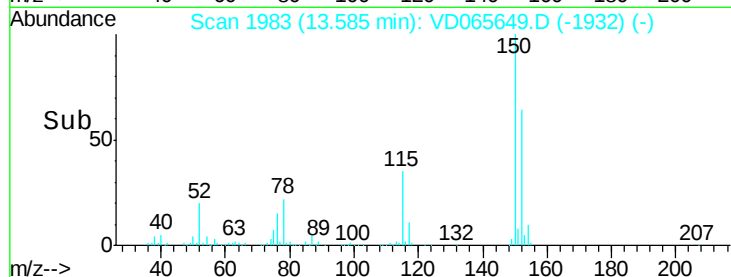
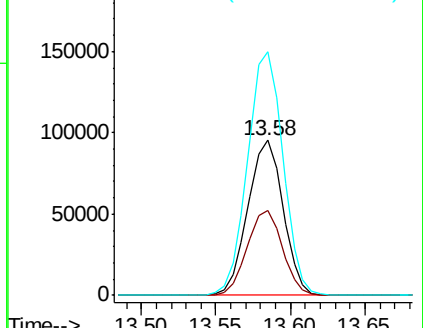
150 157.2 0.0 346.0



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



#74

N-ethyl acetate

Concen: 2.836 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD065649.D

Acq: 17 Apr 2020 17:24

Tgt Ion: 43 Resp: 61

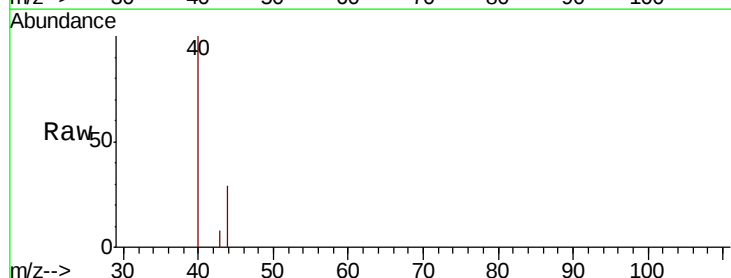
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.0#

55 0.0 22.2 33.2#

61 0.0 19.3 28.9#

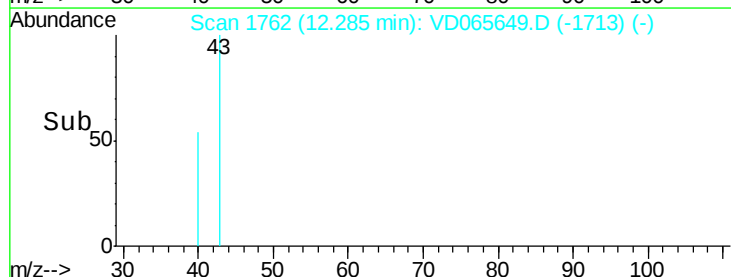
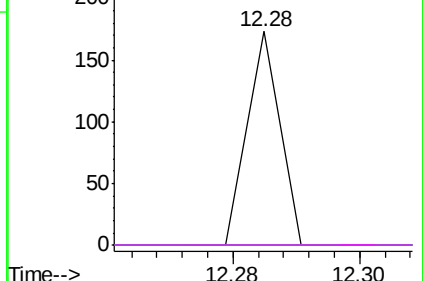


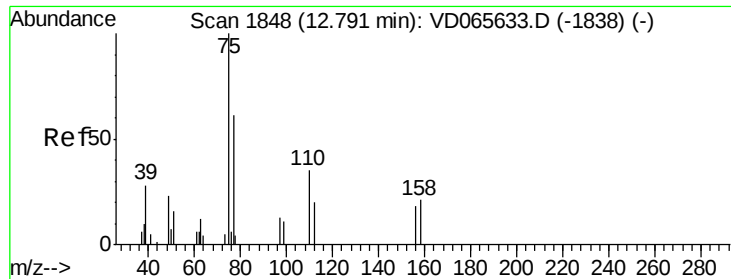
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#76

1,2,3-Trichloropropane

Concen: 51.764 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065649.D

Acq: 17 Apr 2020 17:24

Instrument :

MSVOA_D

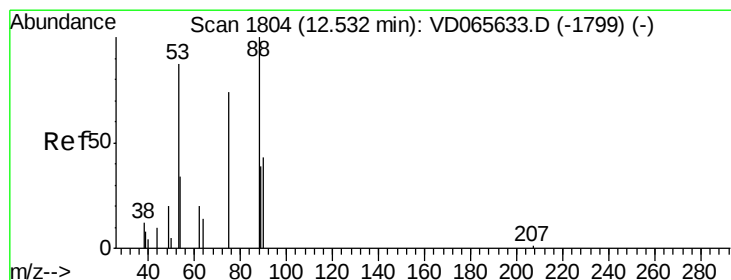
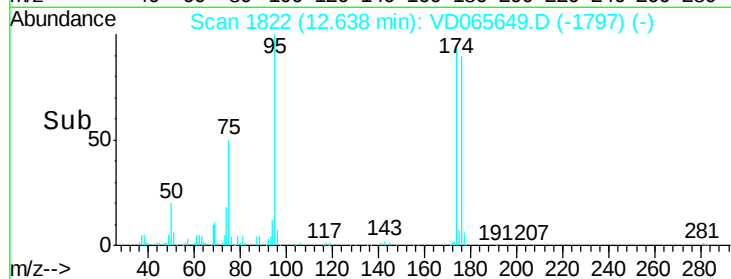
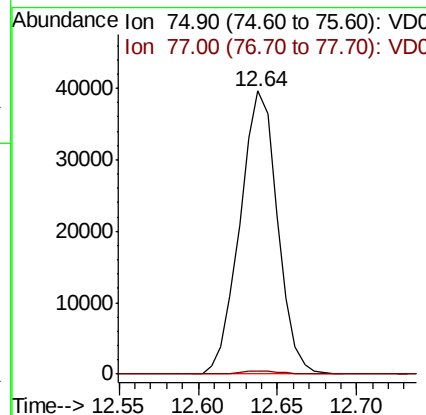
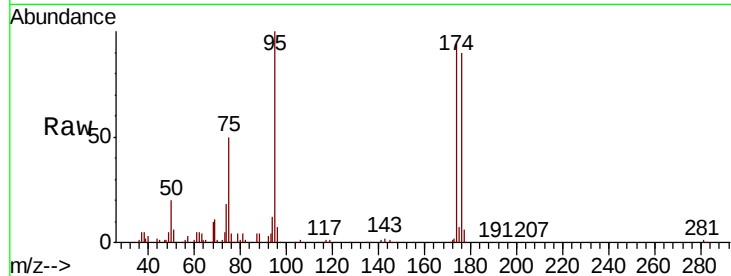
ClientSampleId :

Tot Ion: 75 Resp: 65025

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.447 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065649.D

Acq: 17 Apr 2020 17:24

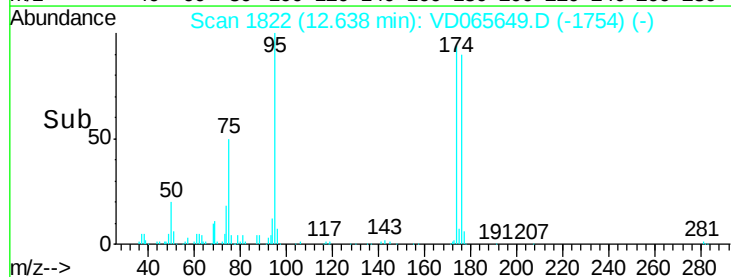
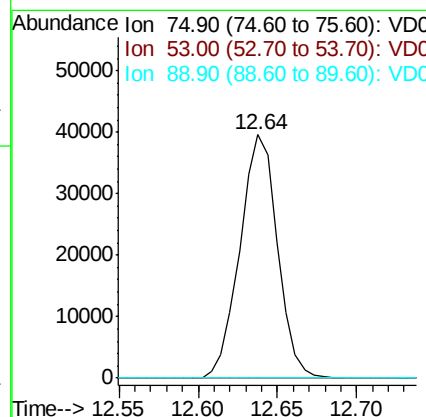
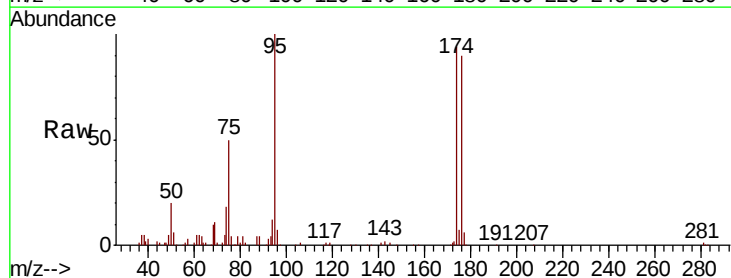
Tgt Ion: 75 Resp: 65025

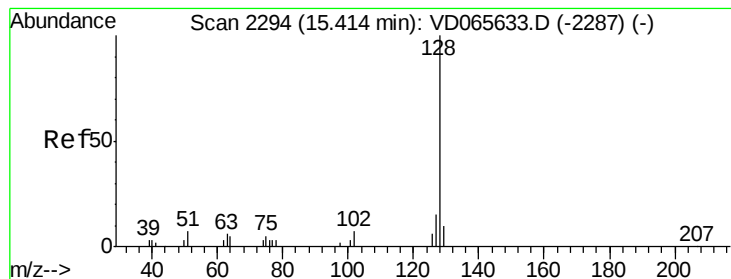
Ion Ratio Lower Upper

75 100

53 0.0 76.8 115.2#

89 0.0 36.1 54.1#





#95

Naphthalene

Concen: 4.151 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

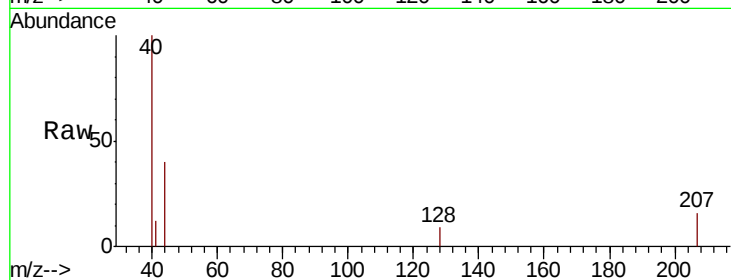
Lab File: VD065649.D

Acq: 17 Apr 2020 17:24

Instrument :

MSVOA_D

ClientSampleId :



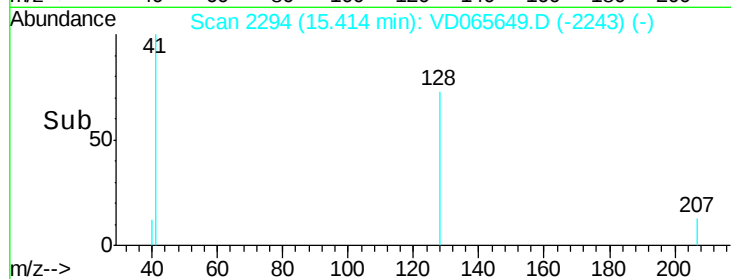
Tot Ion:128 Resp: 248

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.8 13.2#



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

