

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065653.D
 Acq On : 17 Apr 2020 19:19
 Operator : VA/SY
 Sample : L2327-23
 Misc : 6.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6-S2

Quant Time: Apr 20 07:02:34 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	7.98	168	149812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	259805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	332325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	150589	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	91653	71.92	ug/l	0.00
Spiked Amount			Recovery	=	143.84%	
35) Dibromofluoromethane	7.92	113	88193	54.54	ug/l	0.00
Spiked Amount			Recovery	=	109.08%	
50) Toluene-d8	10.34	98	431945	72.47	ug/l	0.00
Spiked Amount			Recovery	=	144.94%	
62) 4-Bromofluorobenzene	12.64	95	128186	64.63	ug/l	0.00
Spiked Amount			Recovery	=	129.26%	

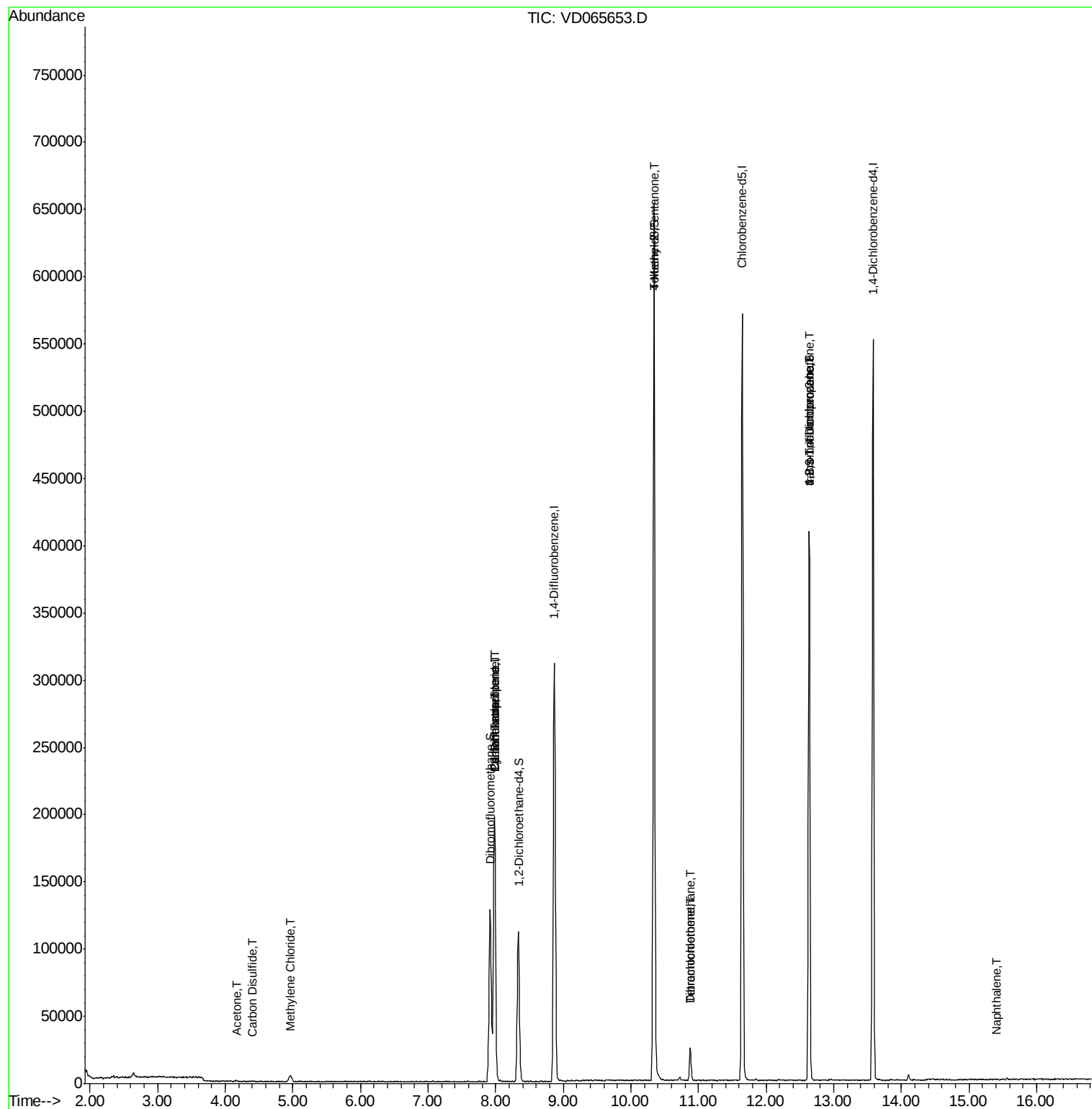
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	1097	6.019	ug/l #	46
17) Carbon Disulfide	4.39	76	268	6.075	ug/l #	75
20) Methylene Chloride	4.96	84	3594	1.262	ug/l #	83
31) Cyclohexane	7.98	56	3514	1.464	ug/l #	40
36) 1,1-Dichloropropene	7.98	75	11387	4.539	ug/l #	48
38) Carbon Tetrachloride	7.98	117	15107	5.622	ug/l #	17
51) 4-Methyl-2-Pentanone	10.34	43	1869	11.463	ug/l #	1
60) Dibromochloromethane	10.88	129	4809	2.820	ug/l #	11
64) Tetrachloroethene	10.88	164	5974	2.505	ug/l	95
76) 1,2,3-Trichloropropane	12.64	75	62650	51.743	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	62650	113.402	ug/l #	11
95) Naphthalene	15.41	128	243	4.152	ug/l #	69

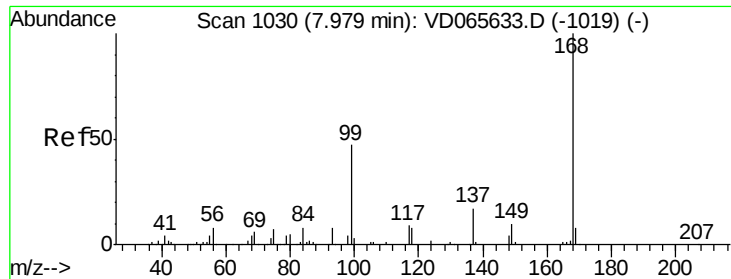
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041720\
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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: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065633.D

Acq: 17 Apr 2020 19:19

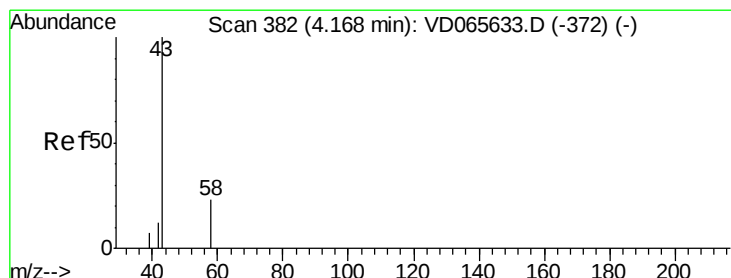
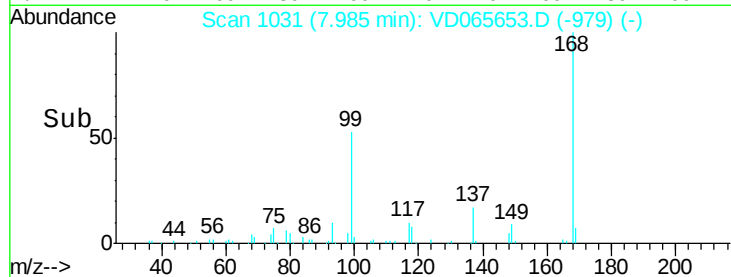
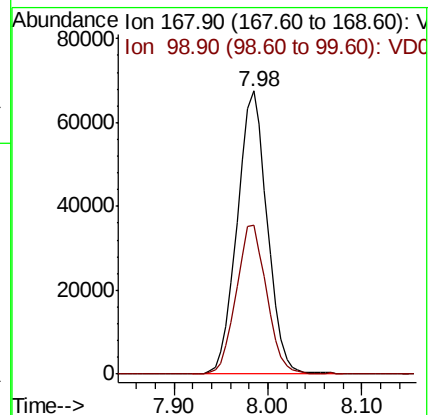
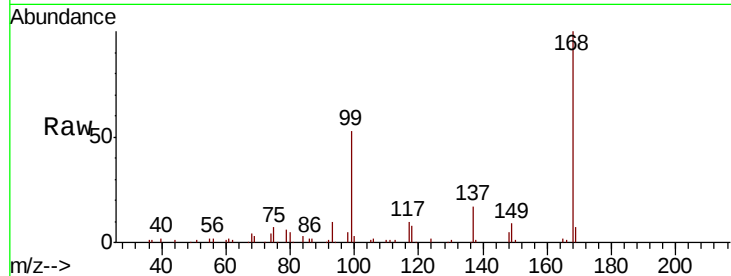
Instrument :
MSVOA_D
ClientSampleId :
TP-6-S2

Tot Ion:168 Resp: 149812

Ion Ratio Lower Upper

168 100

99 52.7 40.3 60.5



#16

Acetone

Concen: 6.019 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065633.D

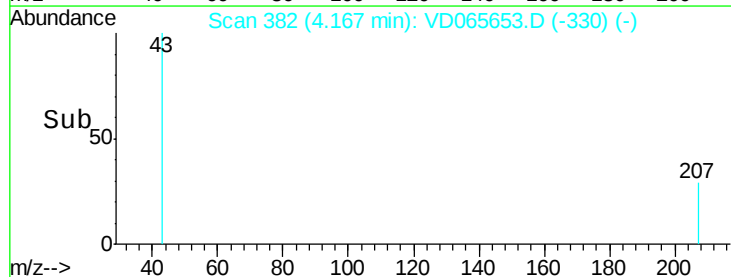
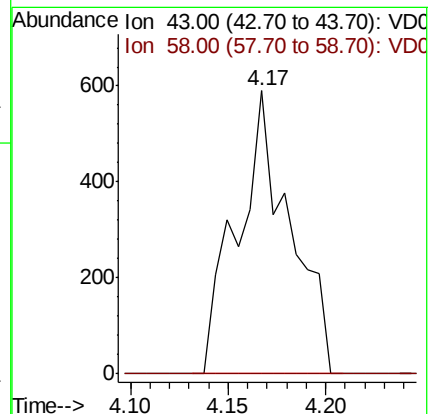
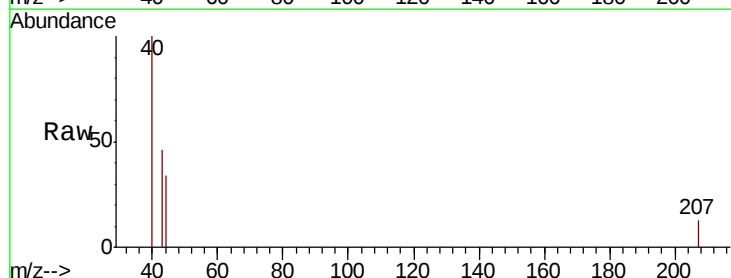
Acq: 17 Apr 2020 19:19

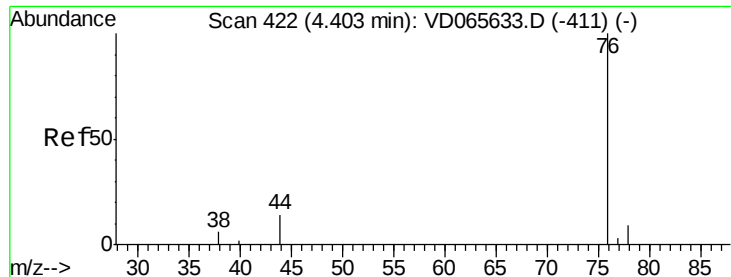
Tgt Ion: 43 Resp: 1097

Ion Ratio Lower Upper

43 100

58 0.0 22.9 34.3#





#17

Carbon Disulfide

Concen: 6.075 ug/l

RT: 4.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: VD065653.D

Acq: 17 Apr 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

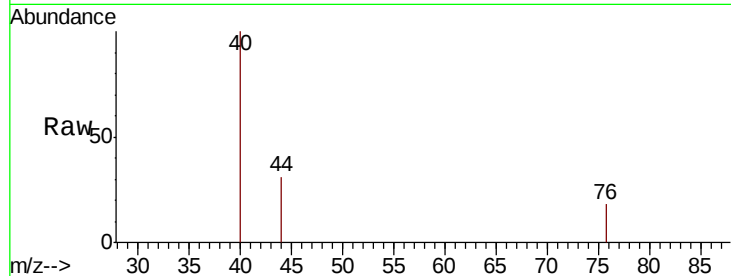
TP-6-S2

Tot Ion: 76 Resp: 268

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

4.39

250

200

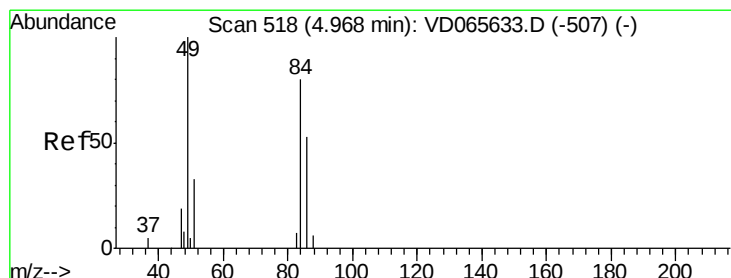
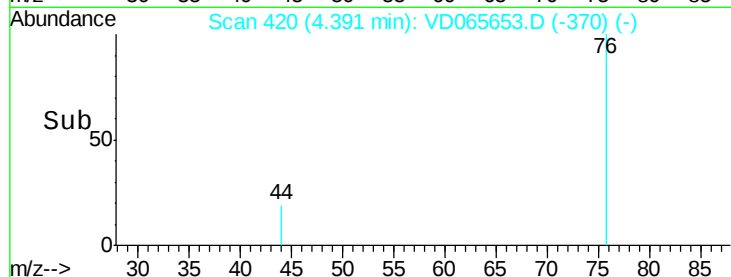
150

100

50

0

Time-->



#20

Methylene Chloride

Concen: 1.262 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD065653.D

Acq: 17 Apr 2020 19:19

Tgt Ion: 84 Resp: 3594

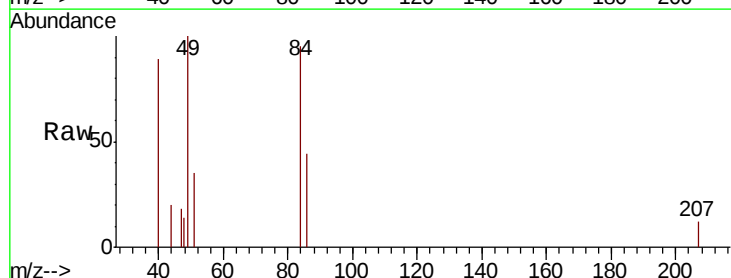
Ion Ratio Lower Upper

84 100

49 105.6 102.0 153.0

51 37.5 30.8 46.2

86 46.6 51.0 76.4#



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

4.96

2000

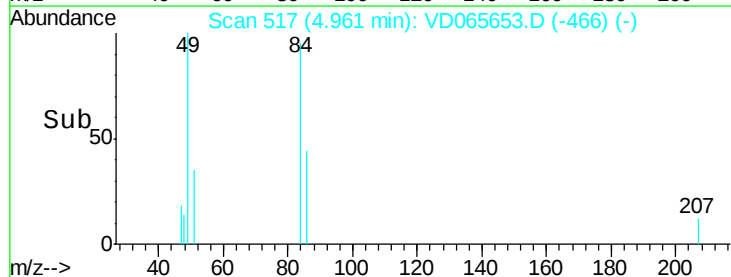
1500

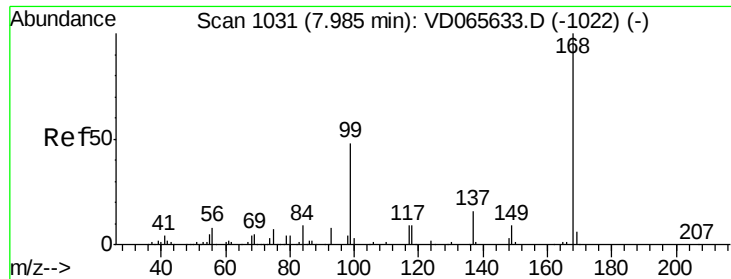
1000

500

0

Time-->

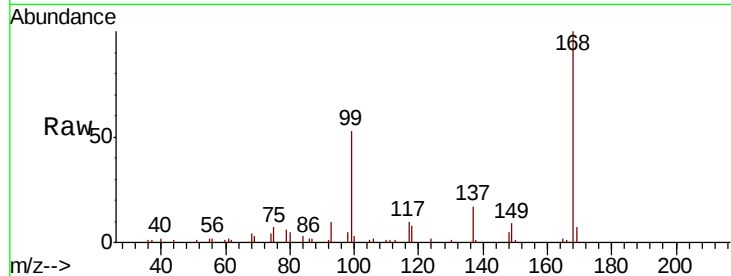




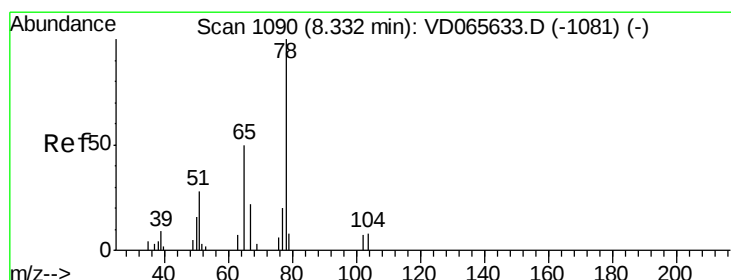
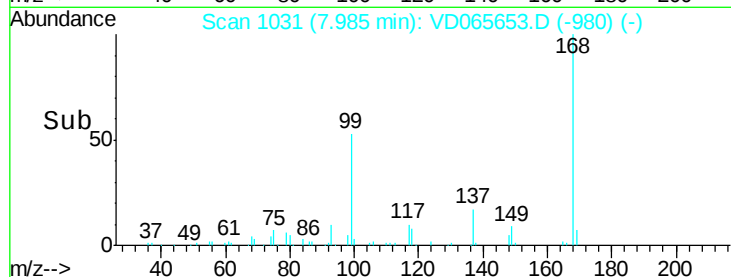
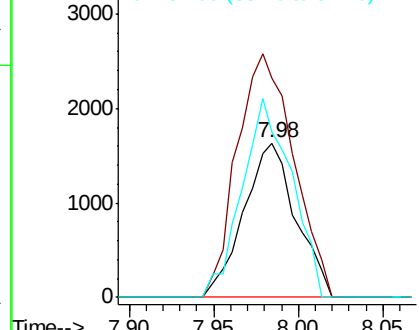
#31
Cyclohexane
Concen: 1.464 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065653.D
Acq: 17 Apr 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
TP-6-S2

Tot Ion: 56 Resp: 3514
Ion Ratio Lower Upper
56 100
69 142.1 26.6 40.0#
84 107.3 75.3 112.9

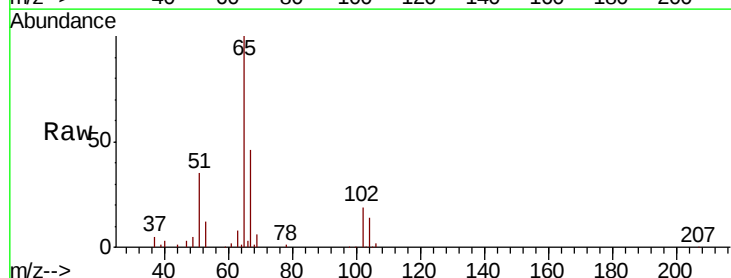


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

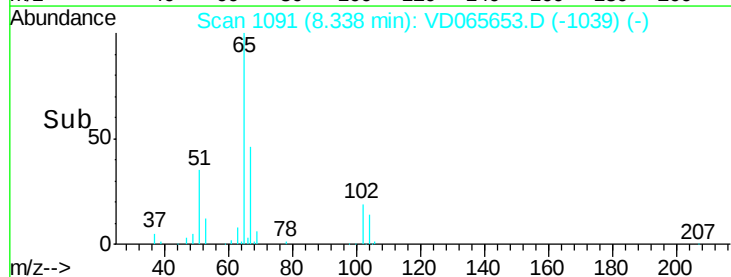
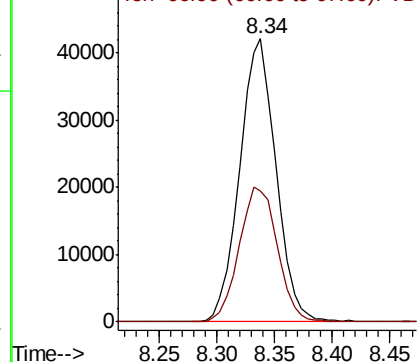


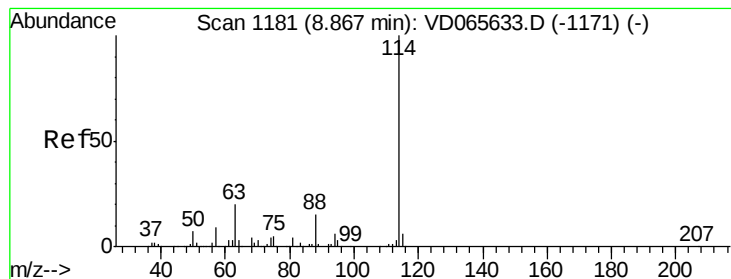
#33
1,2-Dichloroethane-d4
Concen: 71.917 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD065653.D
Acq: 17 Apr 2020 19:19

Tgt Ion: 65 Resp: 91653
Ion Ratio Lower Upper
65 100
67 50.3 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: VD065653.D

Acq: 17 Apr 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

TP-6-S2

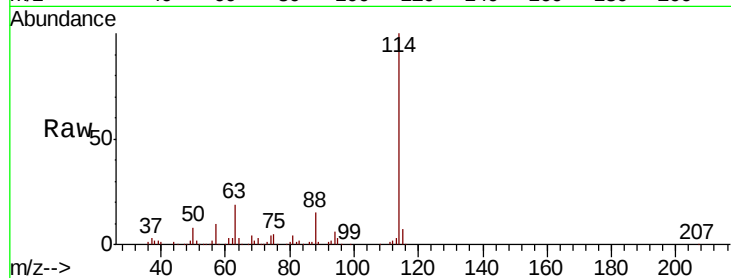
Tot Ion:114 Resp: 259805

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

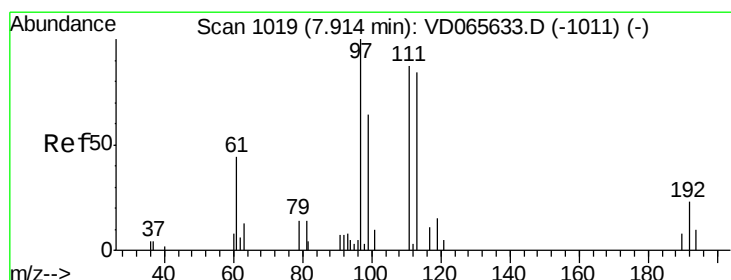
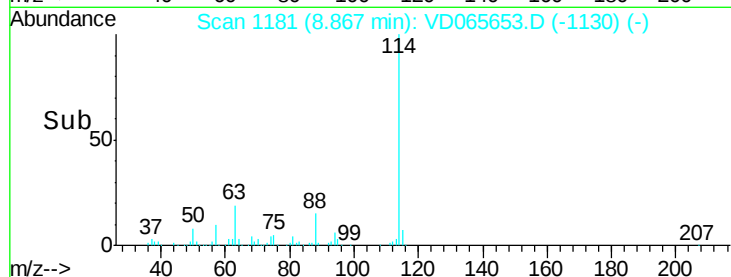
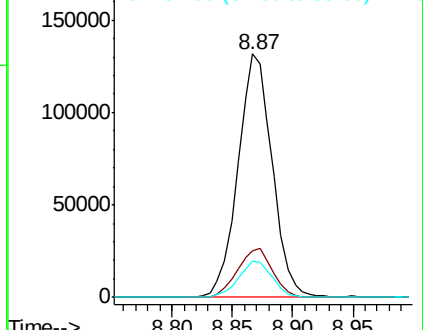
88 15.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 54.543 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065653.D

Acq: 17 Apr 2020 19:19

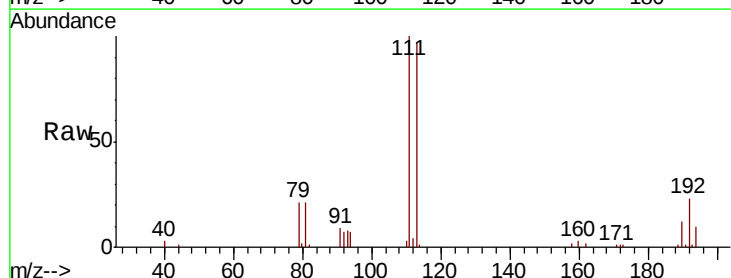
Tgt Ion:113 Resp: 88193

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

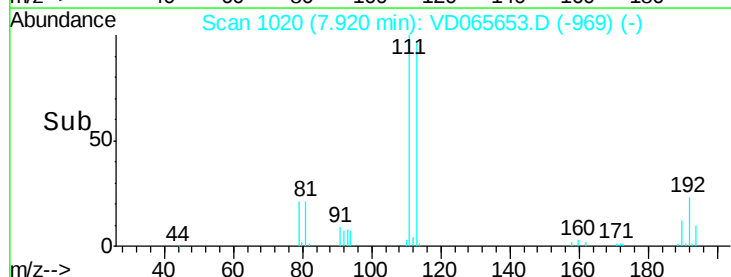
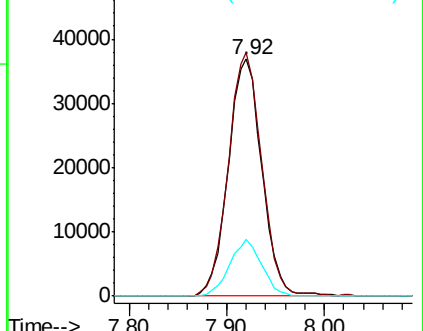
192 22.7 18.9 28.3

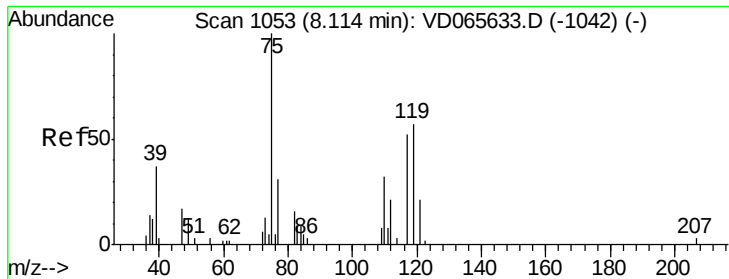


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.539 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065653.D

Acq: 17 Apr 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

TP-6-S2

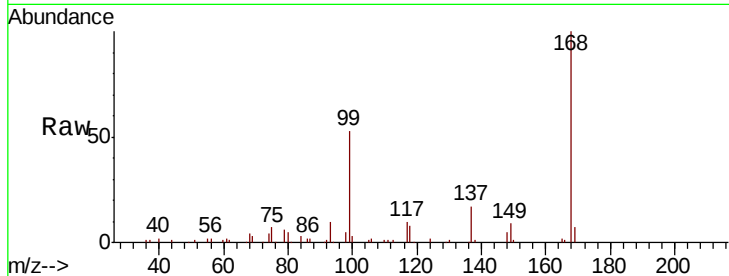
Tot Ion: 75 Resp: 11387

Ion Ratio Lower Upper

75 100

110 8.2 18.3 54.8#

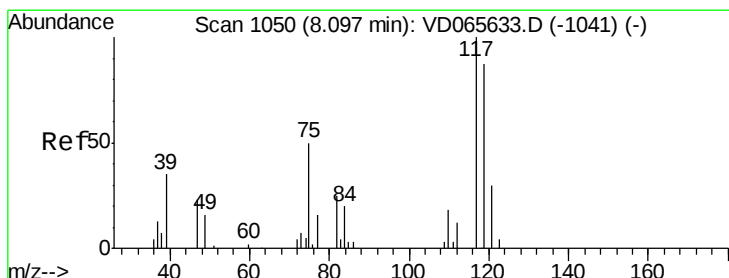
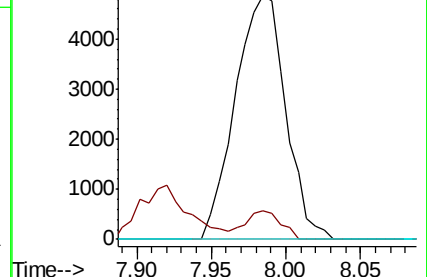
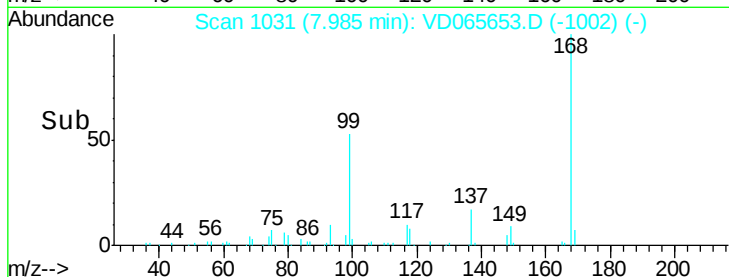
77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 5.622 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD065653.D

Acq: 17 Apr 2020 19:19

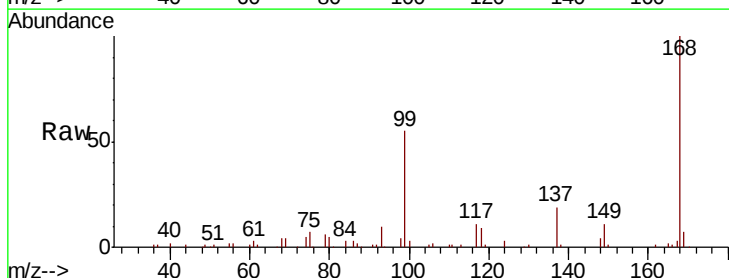
Tgt Ion: 117 Resp: 15107

Ion Ratio Lower Upper

117 100

119 4.9 75.3 112.9#

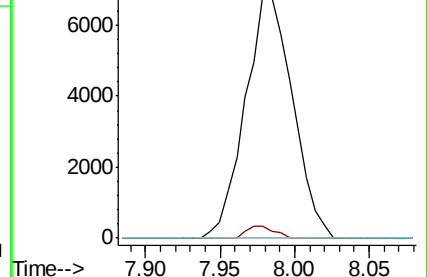
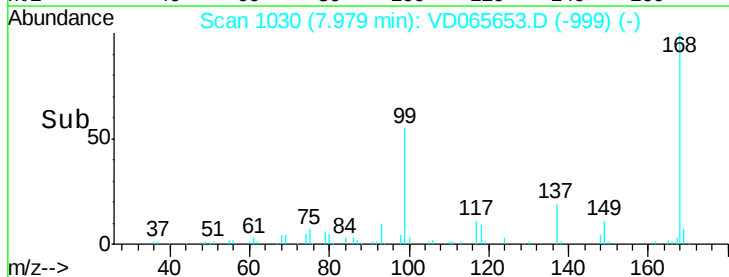
121 0.0 24.9 37.3#

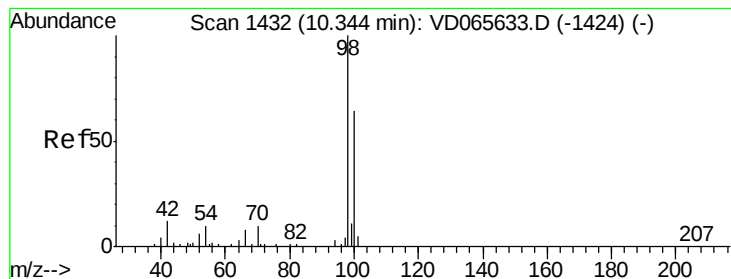


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 72.466 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065653.D

Acq: 17 Apr 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

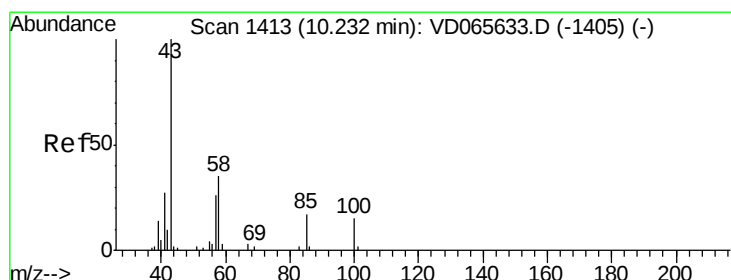
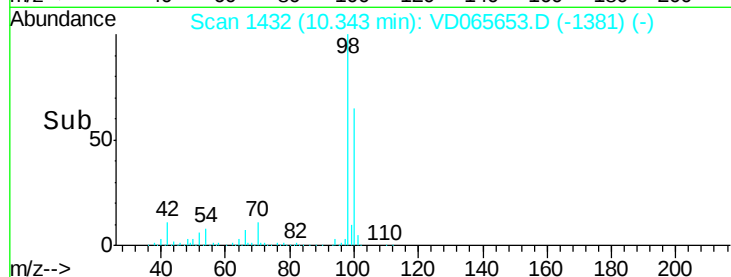
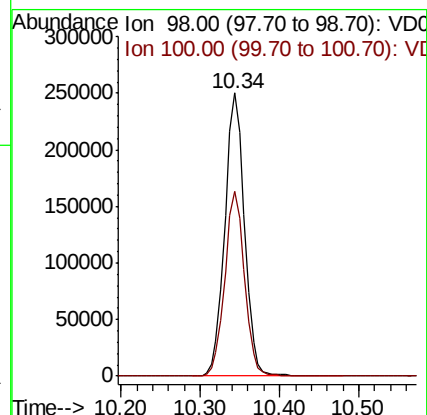
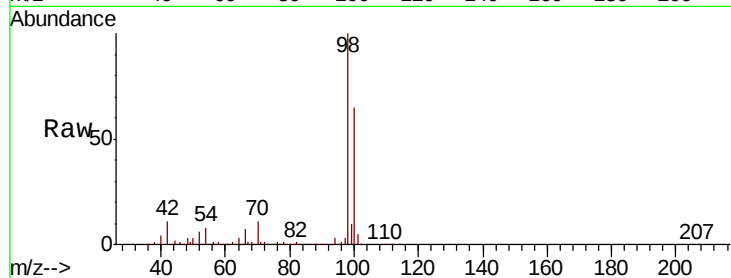
TP-6-S2

Tot Ion: 98 Resp: 431945

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 11.463 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD065653.D

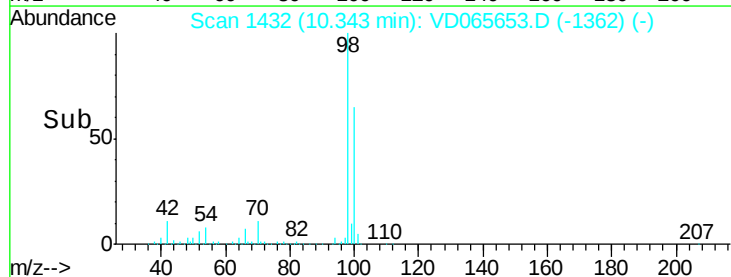
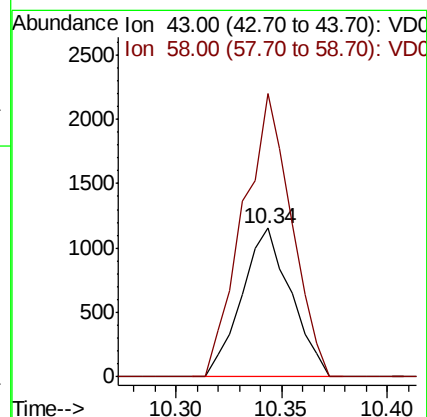
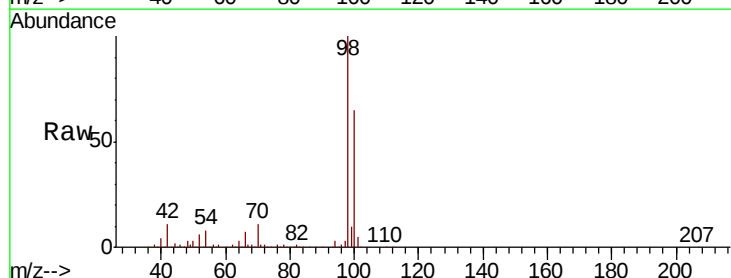
Acq: 17 Apr 2020 19:19

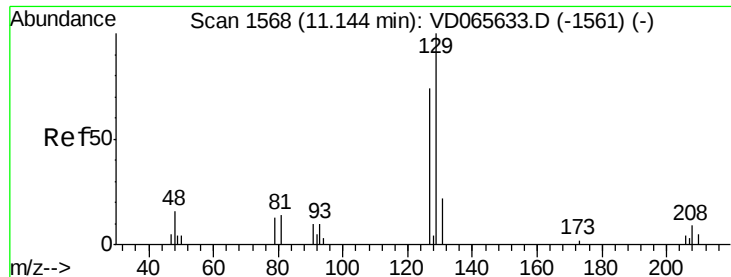
Tgt Ion: 43 Resp: 1869

Ion Ratio Lower Upper

43 100

58 188.6 31.1 46.7#

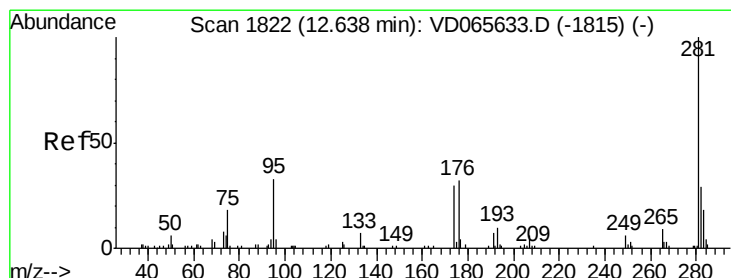
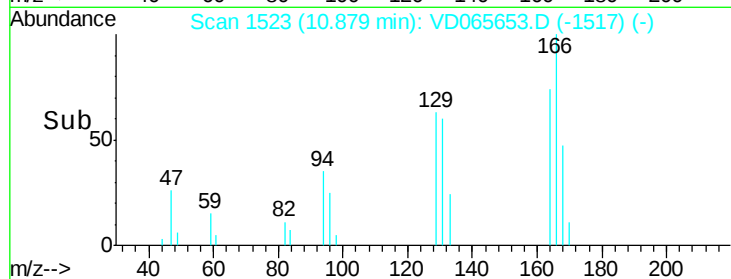
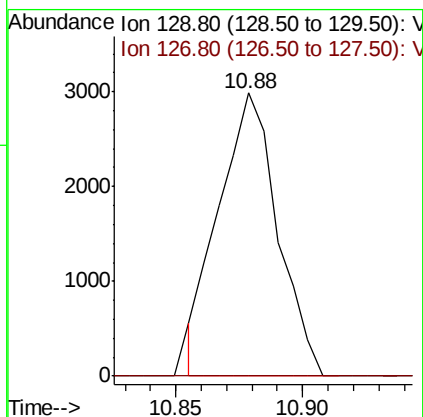
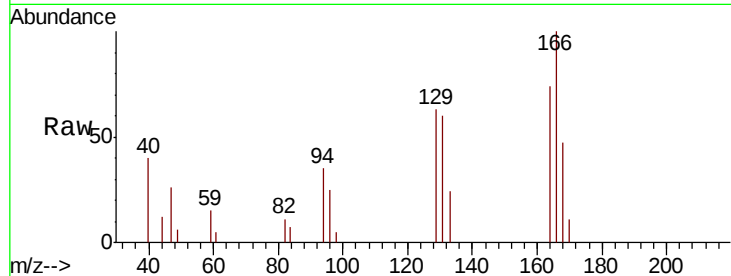




#60
Dibromochloromethane
Concen: 2.820 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.27 min
Lab File: VD065653.D
Acq: 17 Apr 2020 19:19

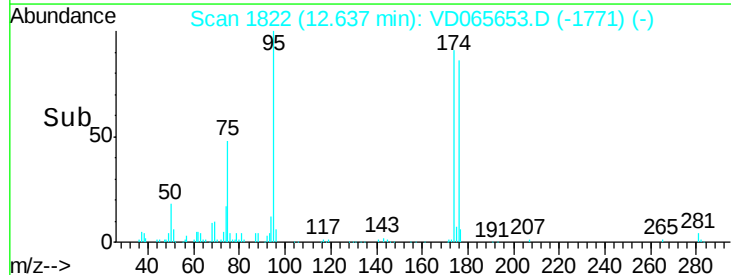
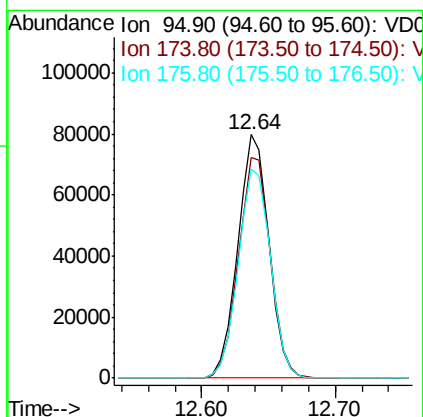
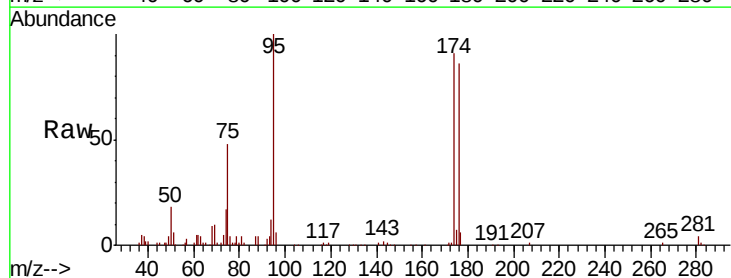
Instrument :
MSVOA_D
ClientSampleId :
TP-6-S2

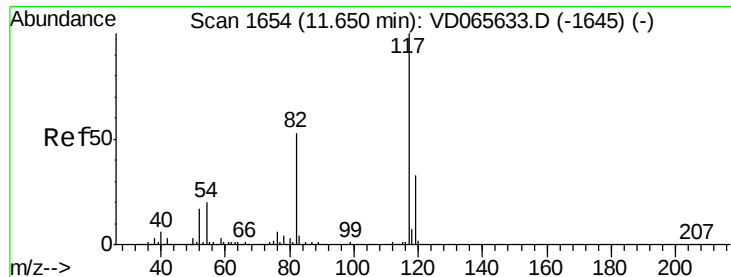
Tot Ion:129 Resp: 4809
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.3#



#62
4-Bromofluorobenzene
Concen: 64.630 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065653.D
Acq: 17 Apr 2020 19:19

Tgt Ion: 95 Resp: 128186
Ion Ratio Lower Upper
95 100
174 93.1 0.0 183.8
176 89.2 0.0 181.4

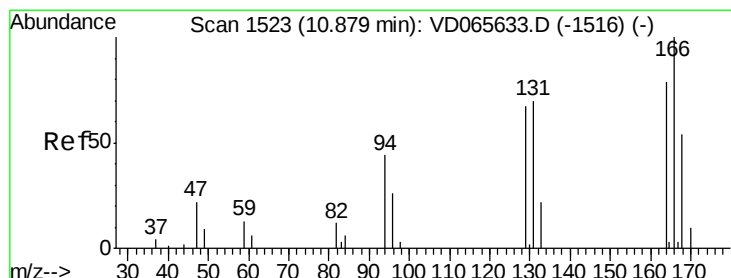
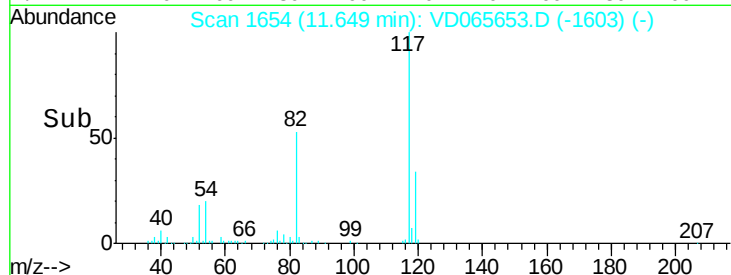
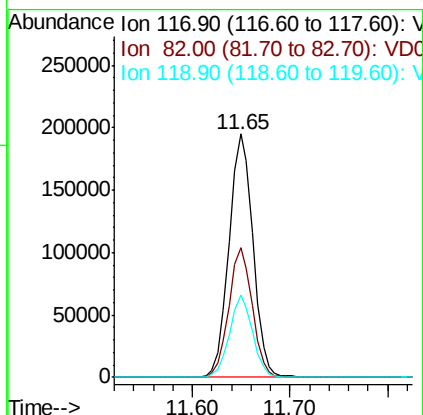
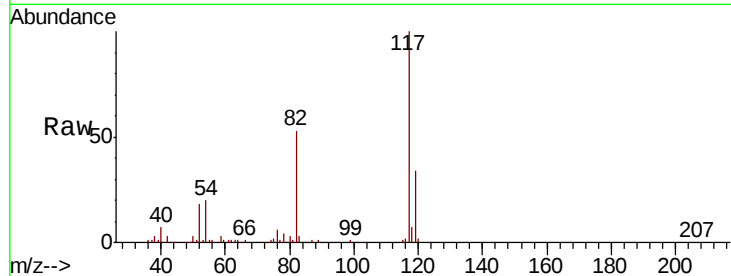




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065653.D
Acq: 17 Apr 2020 19:19

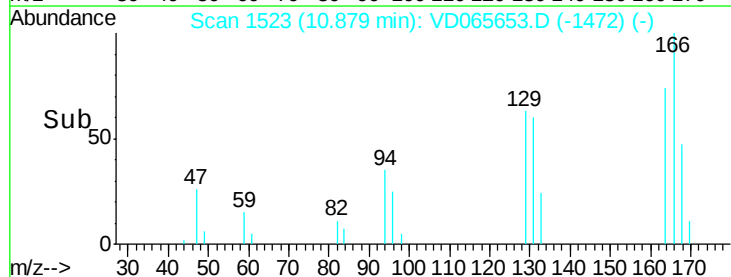
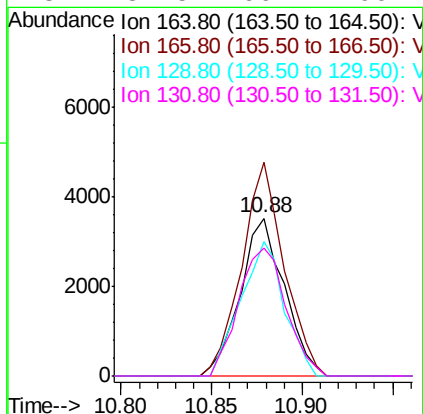
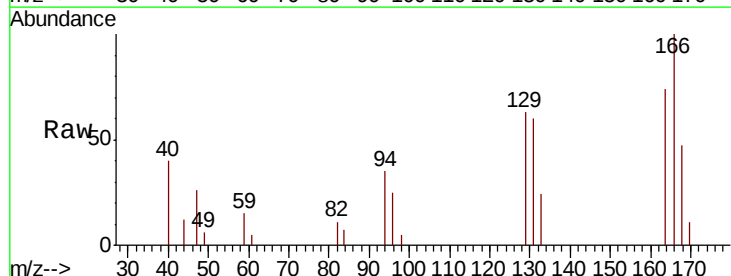
Instrument :
MSVOA_D
ClientSampleId :
TP-6-S2

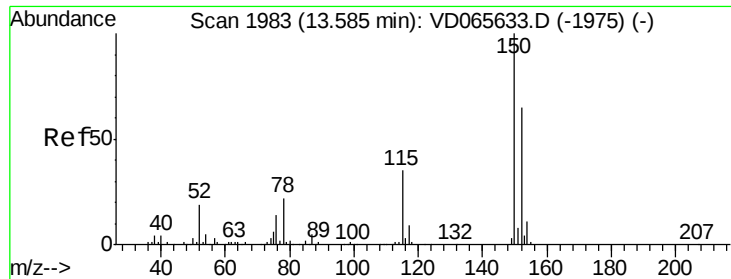
Tot Ion:117 Resp: 332325
Ion Ratio Lower Upper
117 100
82 53.0 43.2 64.8
119 33.6 26.2 39.4



#64
Tetrachloroethene
Concen: 2.505 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065653.D
Acq: 17 Apr 2020 19:19

Tgt Ion:164 Resp: 5974
Ion Ratio Lower Upper
164 100
166 135.3 102.3 153.5
129 84.8 71.7 107.5
131 81.5 66.2 99.4



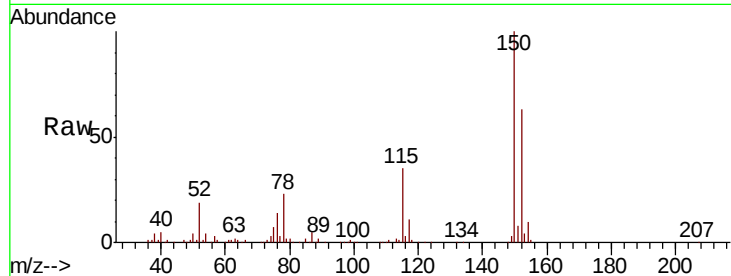


#72

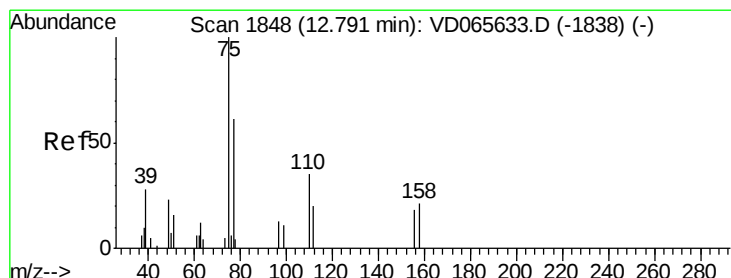
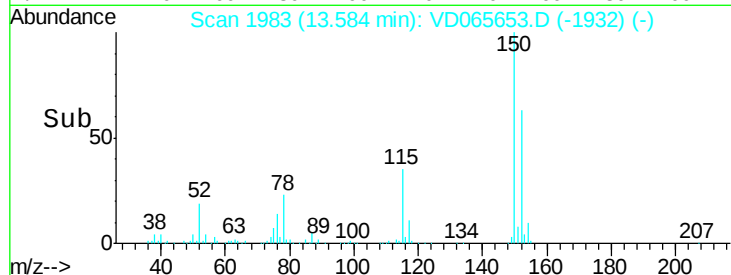
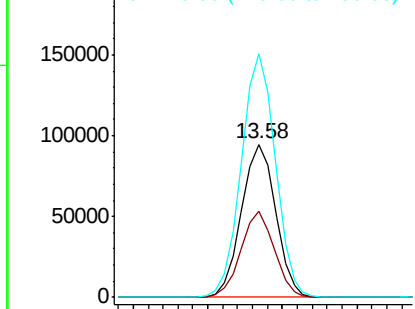
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065653.D
Acq: 17 Apr 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
TP-6-S2

Tot Ion:152 Resp: 150589
Ion Ratio Lower Upper
152 100
115 54.7 27.6 82.7
150 158.0 0.0 346.0



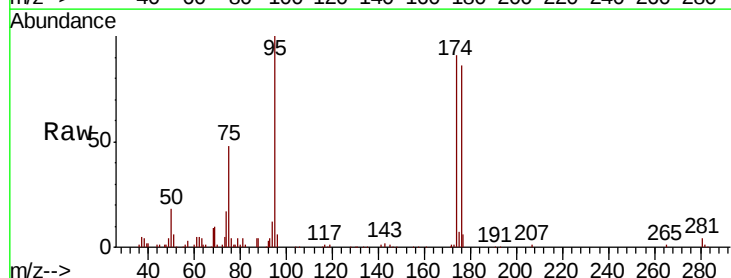
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



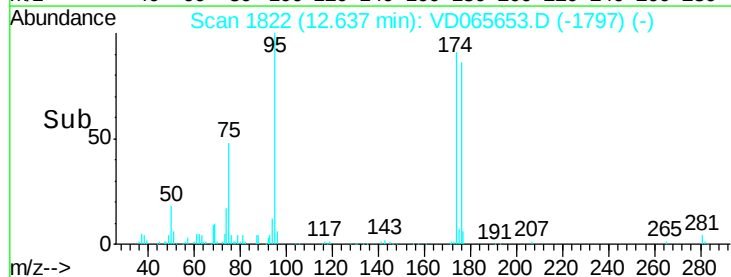
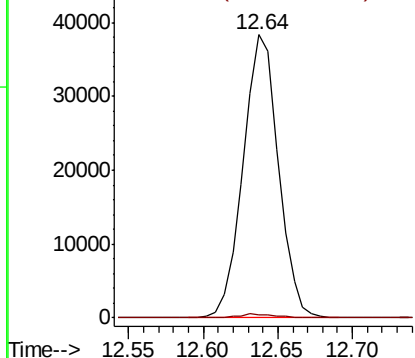
#76

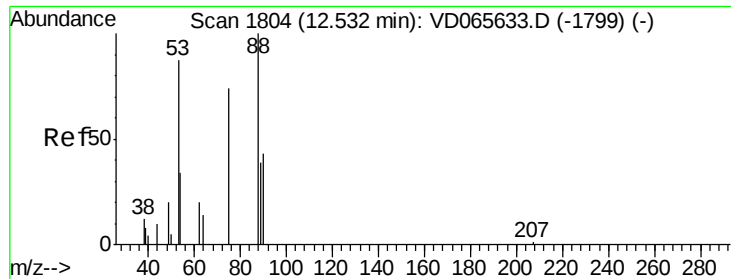
1,2,3-Trichloropropane
Concen: 51.743 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065653.D
Acq: 17 Apr 2020 19:19

Tgt Ion: 75 Resp: 62650
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: 113.402 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065653.D

Acq: 17 Apr 2020 19:19

Instrument :

MSVOA_D

ClientSampled :

TP-6-S2

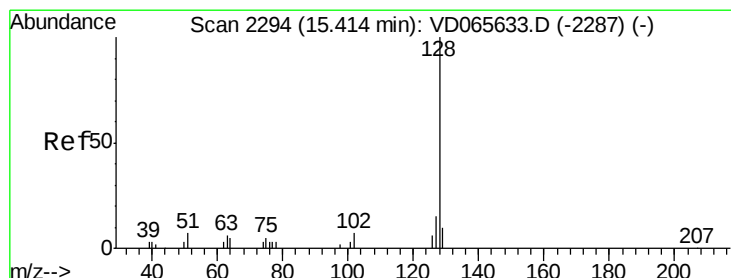
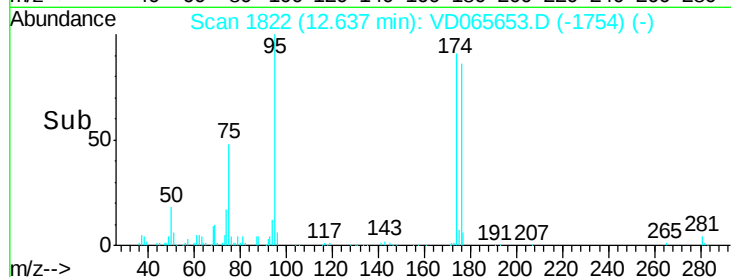
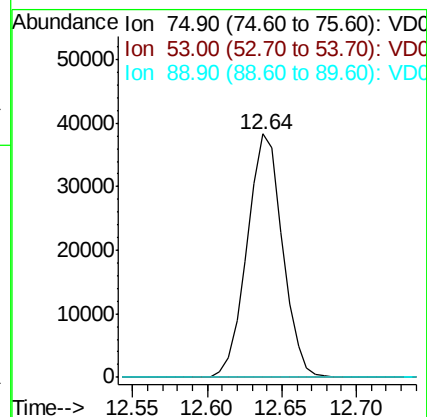
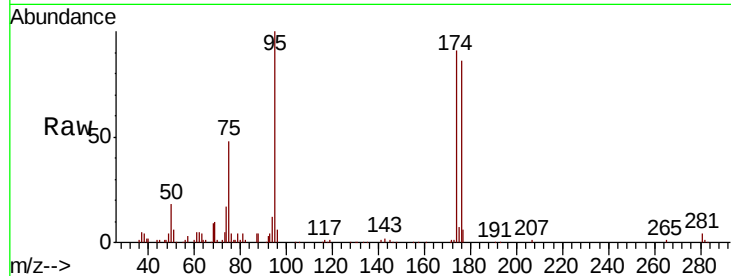
Tot Ion: 75 Resp: 62650

Ion Ratio Lower Upper

75 100

53 0.0 76.8 115.2#

89 0.0 36.1 54.1#



#95

Naphthalene

Concen: 4.152 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD065653.D

Acq: 17 Apr 2020 19:19

Tgt Ion: 128 Resp: 243

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.8 13.2#

