

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065915.D
 Acq On : 01 Jul 2020 19:24
 Operator : VA/SY
 Sample : L3172-21
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP8-SS

Quant Time: Jul 02 04:47:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	118532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	211717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	185620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	81136	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	63510	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
35) Dibromofluoromethane	7.91	113	63380	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	10.34	98	219486	44.59	ug/l	0.00
Spiked Amount			Recovery	=	89.18%	
62) 4-Bromofluorobenzene	12.64	95	69311	42.98	ug/l	0.00
Spiked Amount			Recovery	=	85.96%	

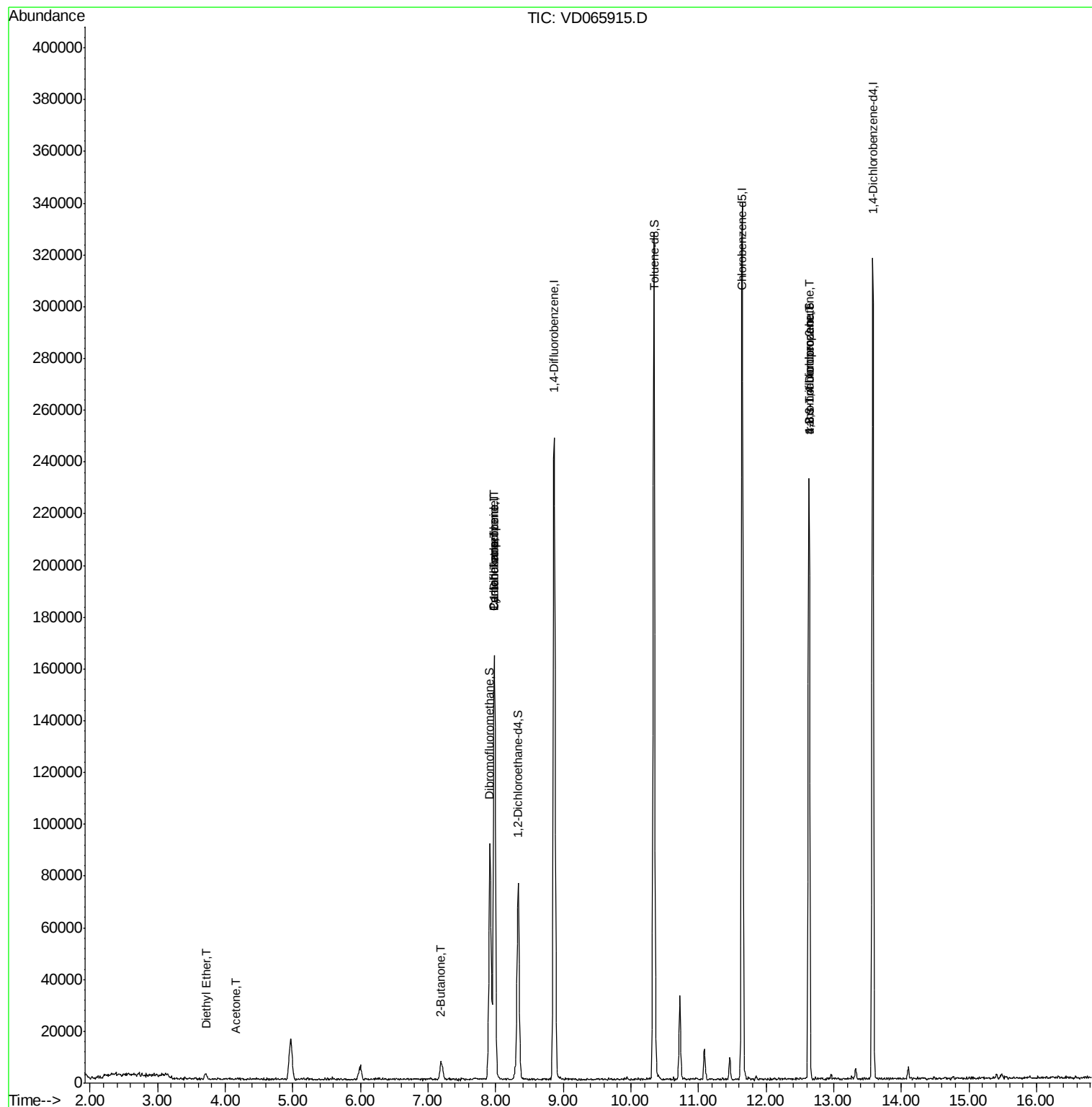
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.71	74	1105	1.908	ug/l	59
11) Tert butyl alcohol	5.20	59	227	Below Cal	#	69
16) Acetone	4.16	43	511	2.118	ug/l #	51
20) Methylene Chloride	4.96	84	6442	Below Cal		92
25) 2-Butanone	7.20	43	404	1.255	ug/l #	49
31) Cyclohexane	7.98	56	2913	1.321	ug/l #	37
36) 1,1-Dichloropropene	7.97	75	10184	4.933	ug/l #	54
38) Carbon Tetrachloride	7.98	117	12615	5.659	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	39240	55.271	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	39240	118.742	ug/l #	9

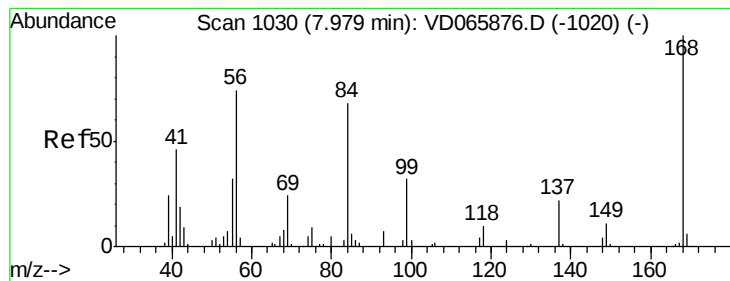
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070120\
Data File : VD065915.D
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Misc : 5.10G/5.00ml/MSVOA D/SOIL
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MSVOA_D
ClientSampleId :
TP8-SS

Quant Time: Jul 02 04:47:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 19:16:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065915.D

Acq: 01 Jul 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

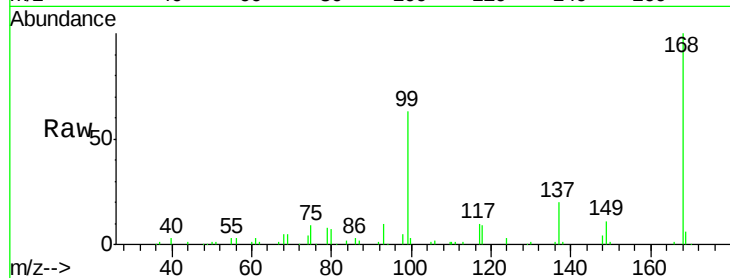
TP8-SS

Tot Ion:168 Resp: 118532

Ion Ratio Lower Upper

168 100

99 62.7 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

50000

40000

30000

20000

10000

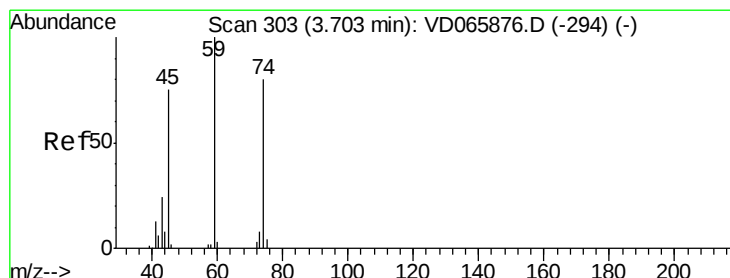
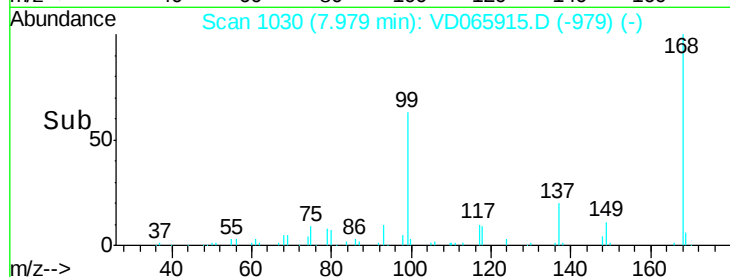
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Time-->

7.90

8.00

8.10



#8

Diethyl Ether

Concen: 1.908 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD065915.D

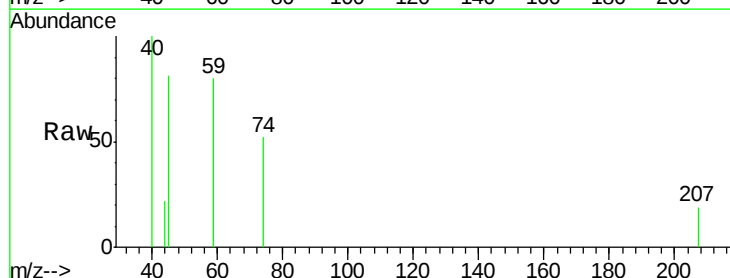
Acq: 01 Jul 2020 19:24

Tgt Ion: 74 Resp: 1105

Ion Ratio Lower Upper

74 100

45 137.2 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

1000

800

600

400

200

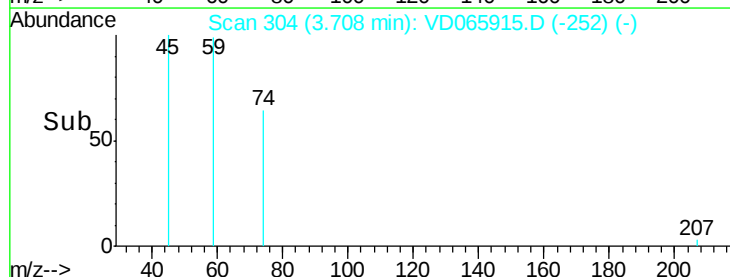
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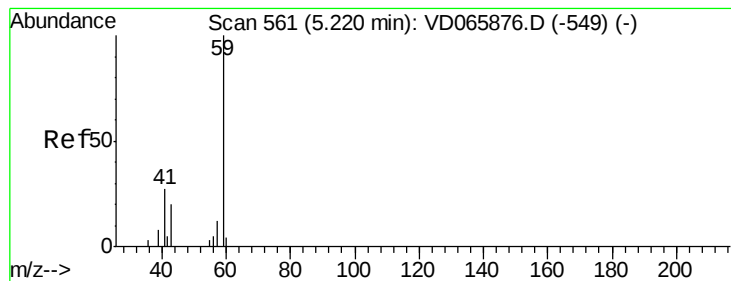
Time-->

3.65

3.70

3.75



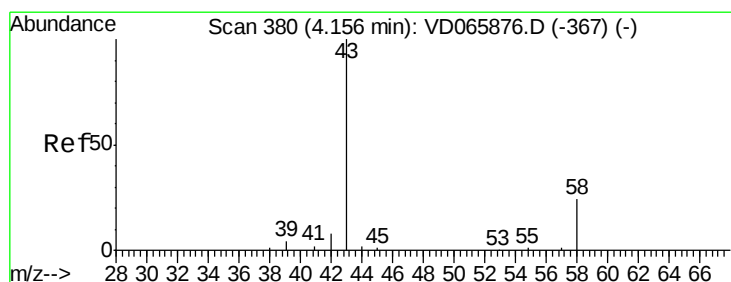
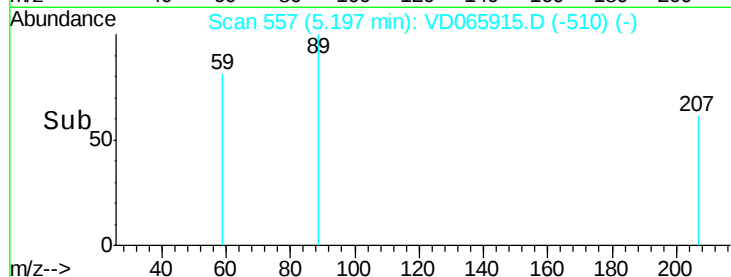
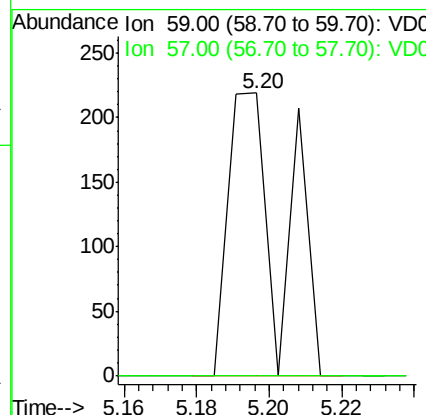
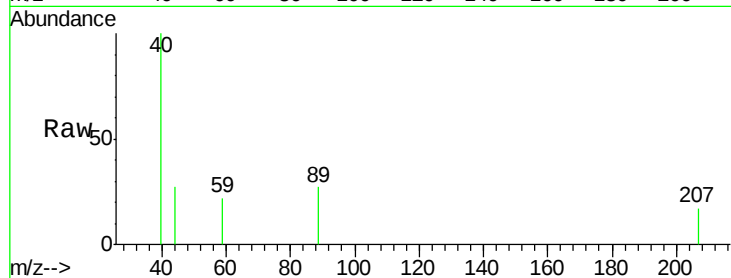


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD065915.D
 Acq: 01 Jul 2020 19:24

Instrument :
 MSVOA_D
 ClientSampleId :
 TP8-SS

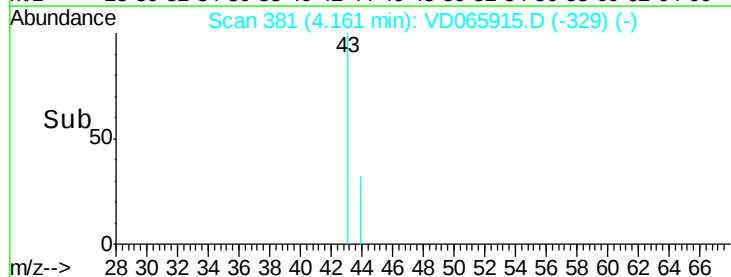
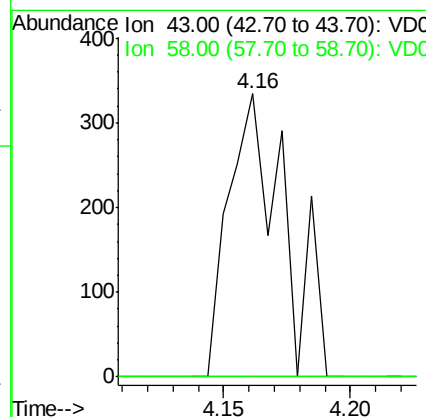
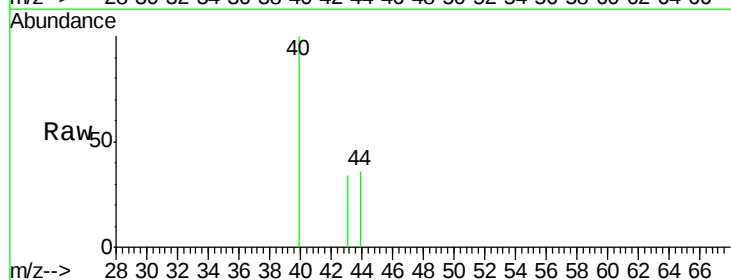
Tot Ion: 59 Resp: 227
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.7 14.5#

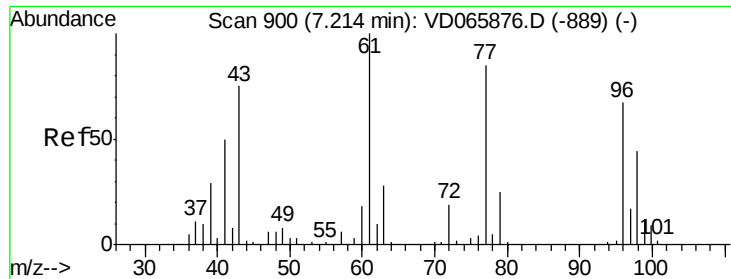


#16

Acetone
 Concen: 2.118 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD065915.D
 Acq: 01 Jul 2020 19:24

Tgt Ion: 43 Resp: 511
 Ion Ratio Lower Upper
 43 100
 58 0.0 19.5 29.3#

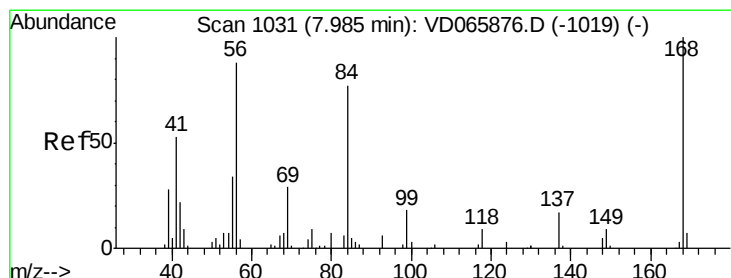
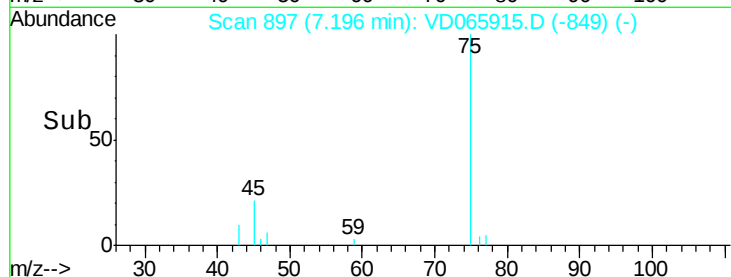
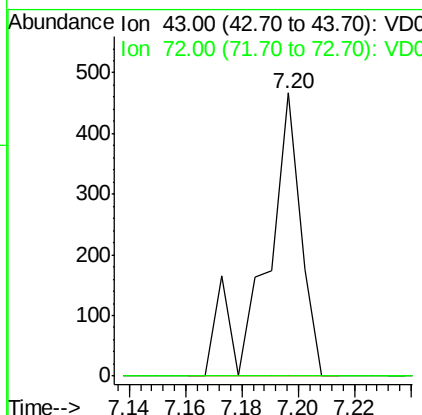
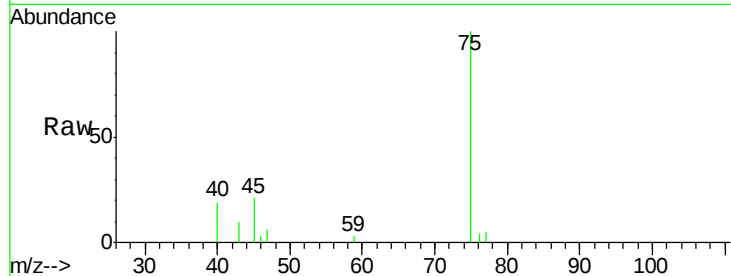




#25
 2-Butanone
 Concen: 1.255 ug/l
 RT: 7.20 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: VD065915.D
 Acq: 01 Jul 2020 19:24

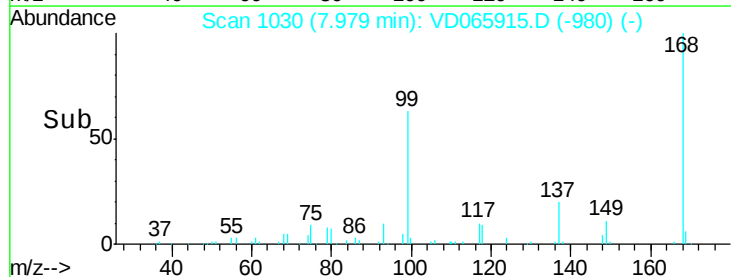
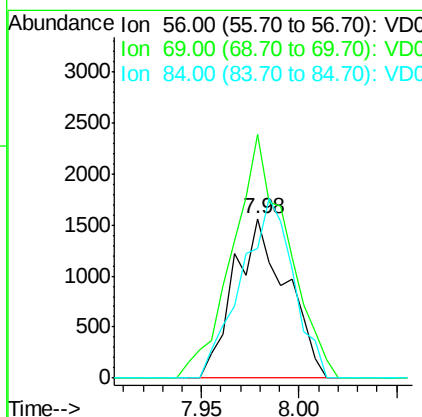
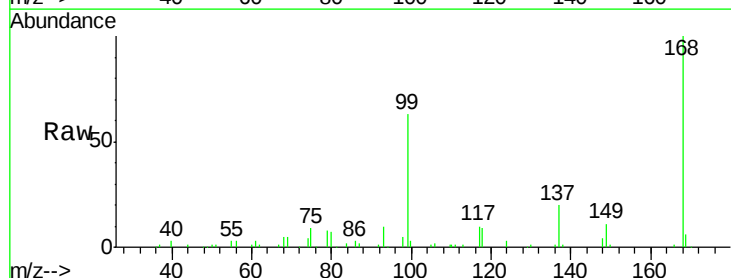
Instrument :
 MSVOA_D
 ClientSampled :
 TP8-SS

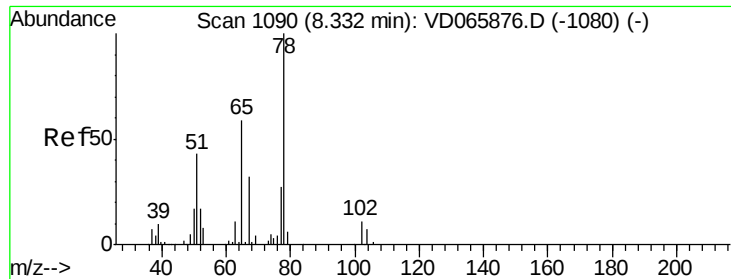
Tot Ion: 43 Resp: 404
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.6 31.0#



#31
 Cyclohexane
 Concen: 1.321 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VD065915.D
 Acq: 01 Jul 2020 19:24

Tgt Ion: 56 Resp: 2913
 Ion Ratio Lower Upper
 56 100
 69 152.9 26.2 39.4#
 84 81.3 70.3 105.5





#33

1,2-Dichloroethane-d4

Concen: 51.574 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD065915.D

Acq: 01 Jul 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

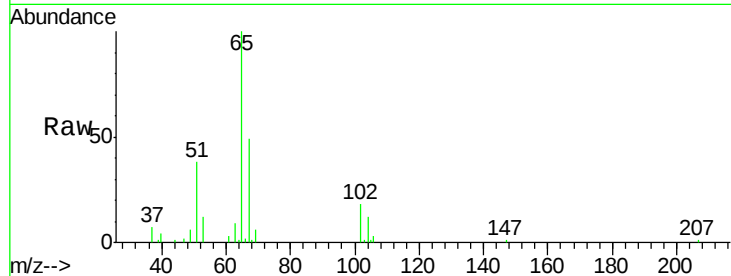
TP8-SS

Tot Ion: 65 Resp: 63510

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

30000

25000

20000

15000

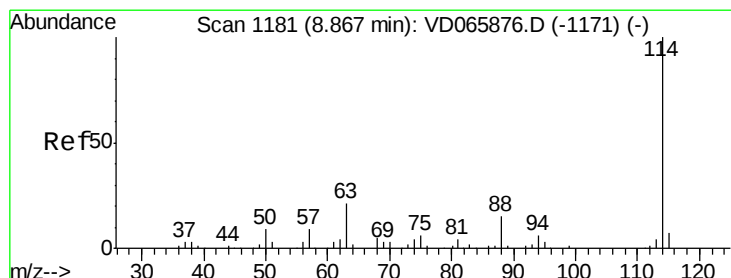
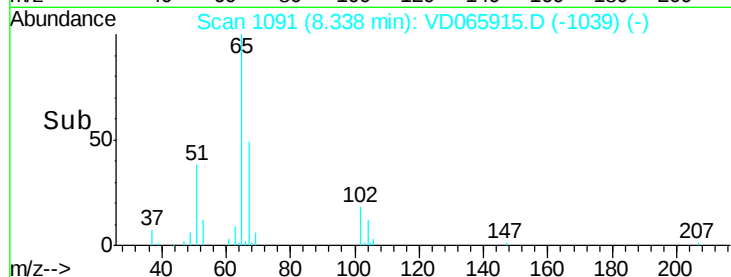
10000

5000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065915.D

Acq: 01 Jul 2020 19:24

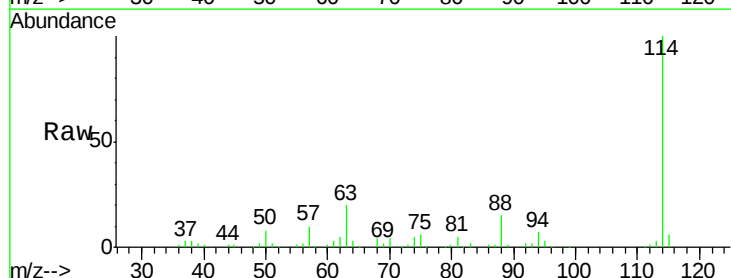
Tgt Ion: 114 Resp: 211717

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.1 0.0 29.0



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

8.87

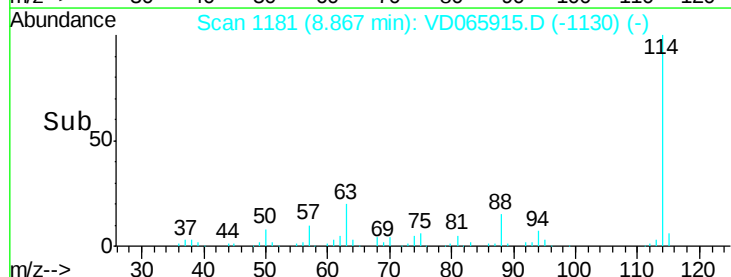
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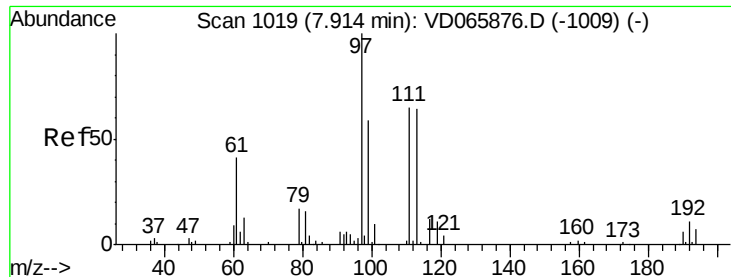
50000

0

8.80 8.90 9.00

Time-->

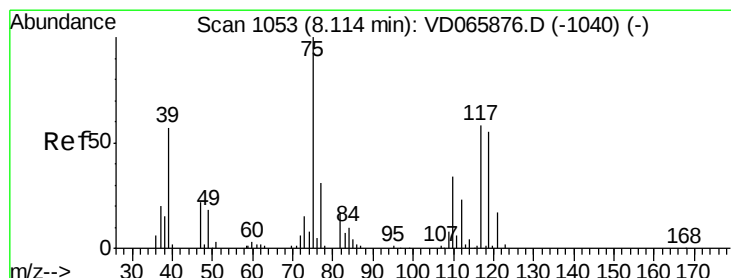
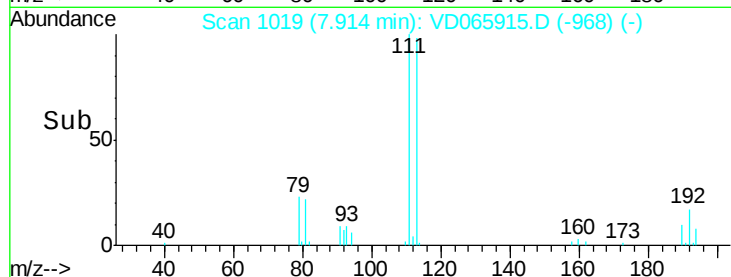
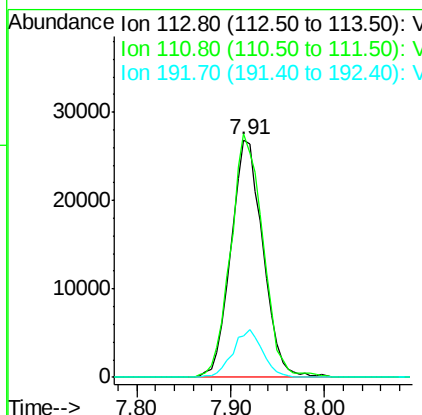
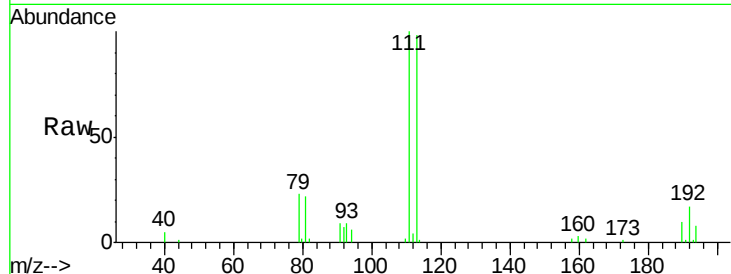




#35
 Dibromofluoromethane
 Concen: 48.432 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065915.D
 Acq: 01 Jul 2020 19:24

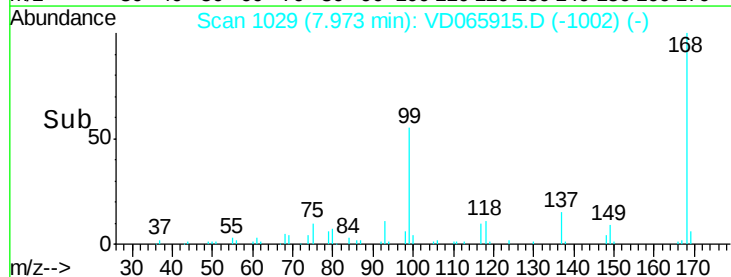
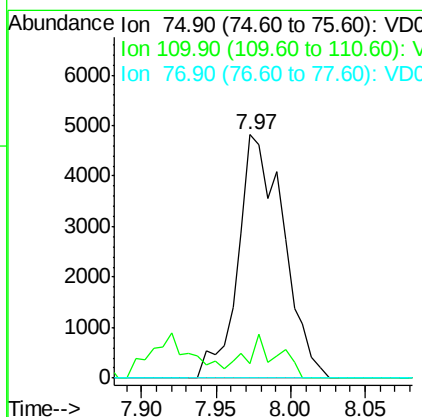
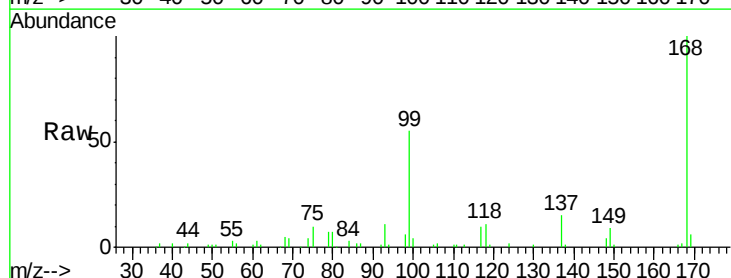
Instrument :
 MSVOA_D
 ClientSampleId :
 TP8-SS

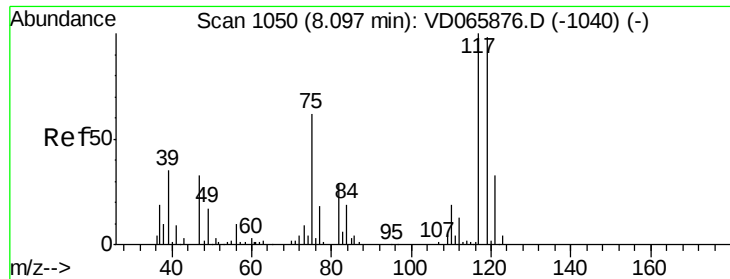
Tot Ion:113 Resp: 63380
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.0 121.6
 192 18.8 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.933 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD065915.D
 Acq: 01 Jul 2020 19:24

Tgt Ion: 75 Resp: 10184
 Ion Ratio Lower Upper
 75 100
 110 12.5 16.8 50.4#
 77 0.0 24.0 36.0#

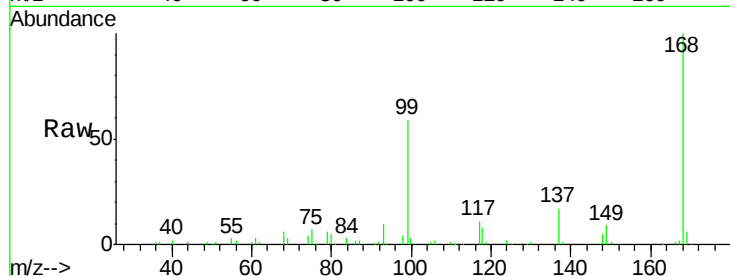




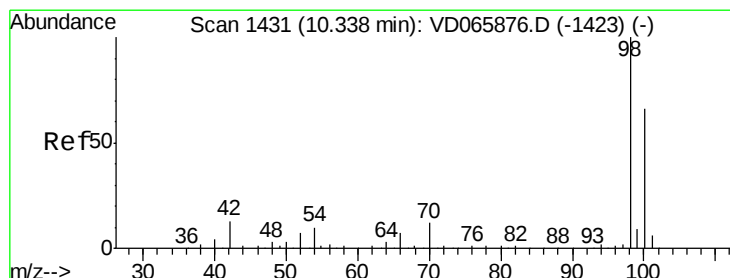
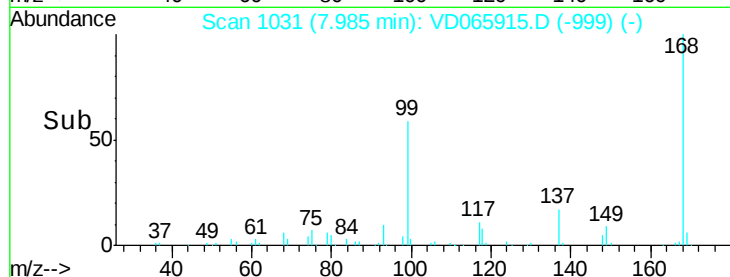
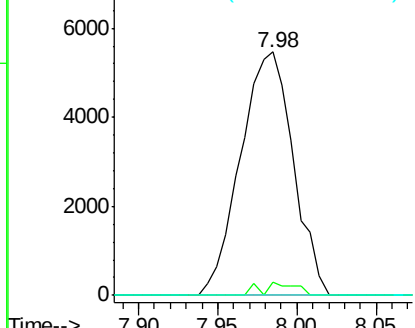
#38
Carbon Tetrachloride
Concen: 5.659 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065915.D
Acq: 01 Jul 2020 19:24

Instrument :
MSVOA_D
ClientSampleId :
TP8-SS

Tot Ion:117 Resp: 12615
Ion Ratio Lower Upper
117 100
119 5.6 78.6 117.8#
121 0.0 26.5 39.7#

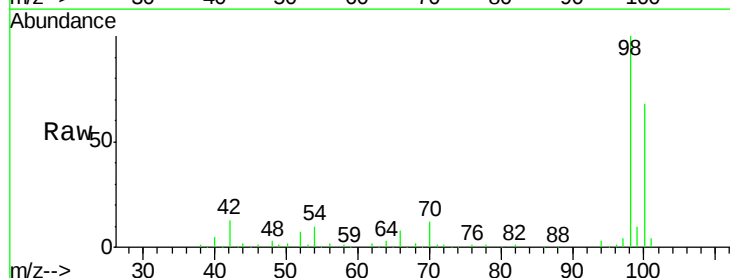


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

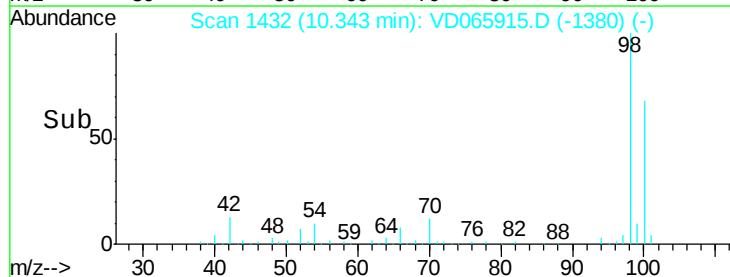
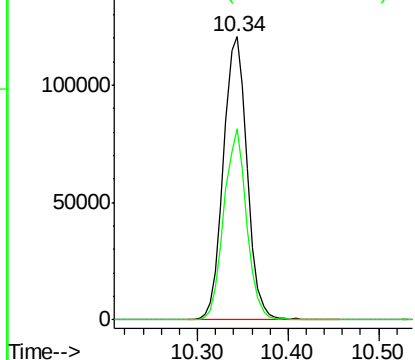


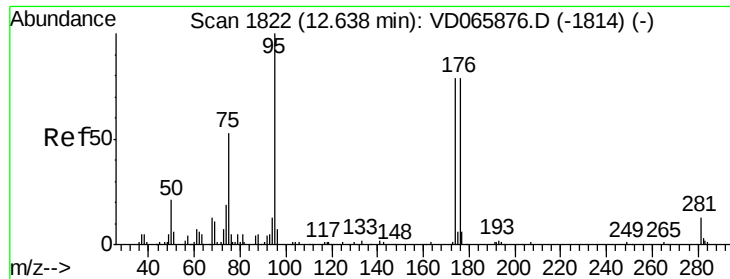
#50
Toluene-d8
Concen: 44.587 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065915.D
Acq: 01 Jul 2020 19:24

Tgt Ion: 98 Resp: 219486
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



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





#62

4-Bromofluorobenzene

Concen: 42.979 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065915.D

Acq: 01 Jul 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

TP8-SS

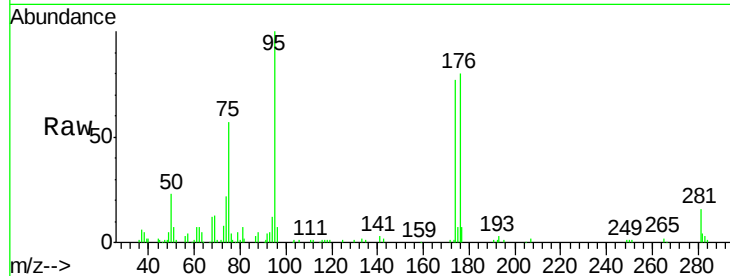
Tot Ion: 95 Resp: 69311

Ion Ratio Lower Upper

95 100

174 78.4 0.0 158.4

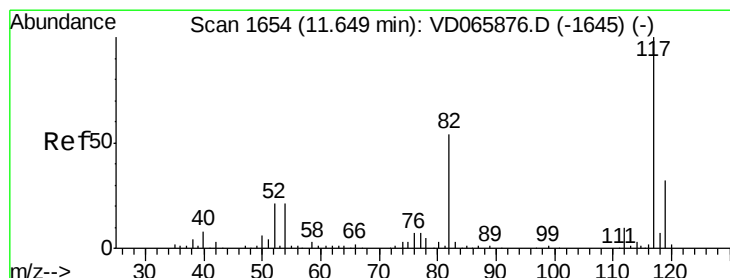
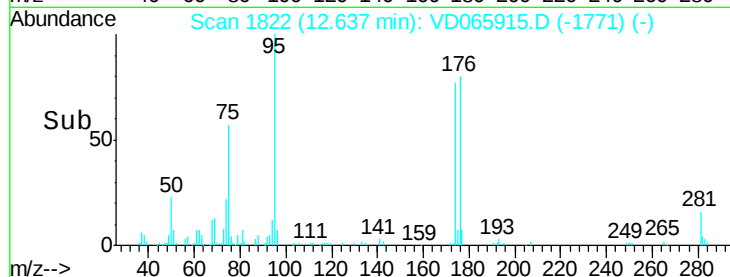
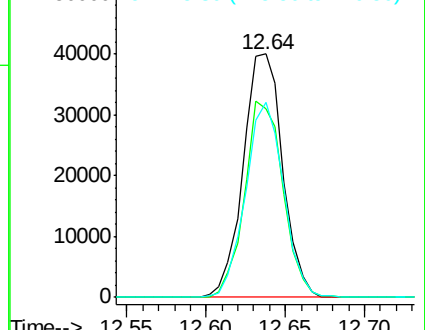
176 77.1 0.0 156.0



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: VD065915.D

Acq: 01 Jul 2020 19:24

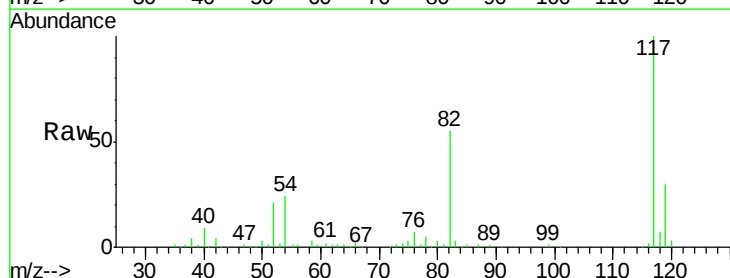
Tgt Ion: 117 Resp: 185620

Ion Ratio Lower Upper

117 100

82 54.9 43.6 65.4

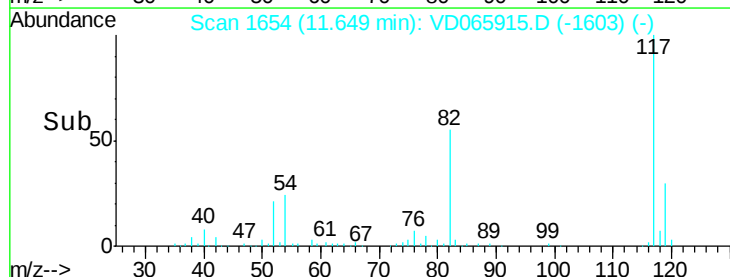
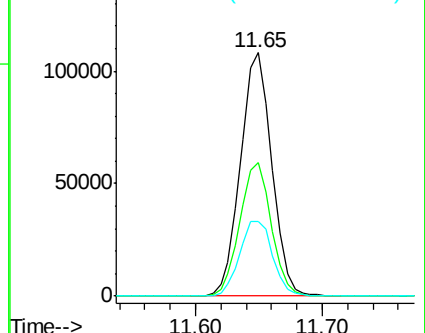
119 30.5 25.9 38.9

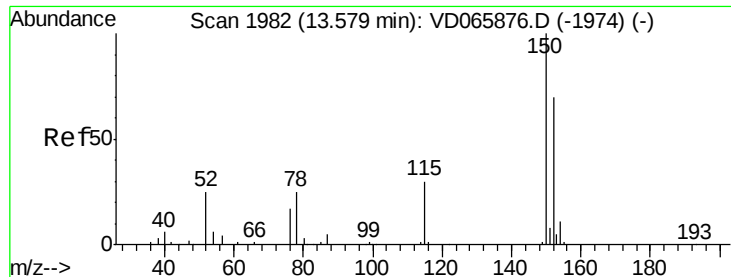


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



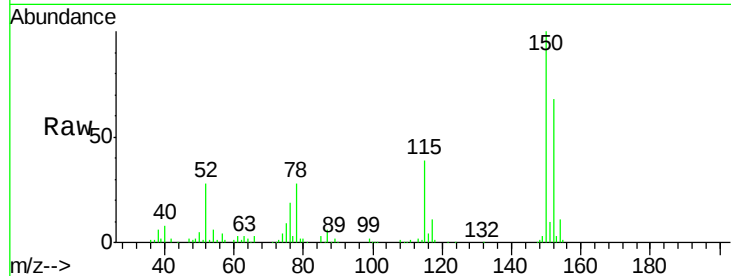


#72

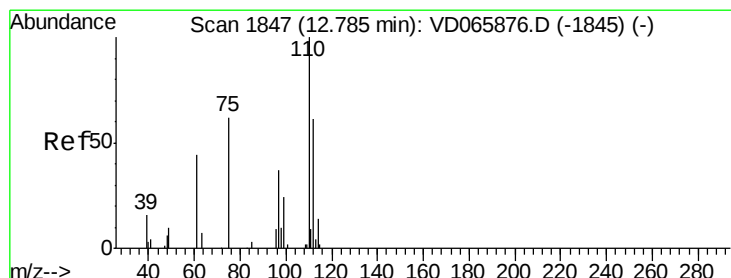
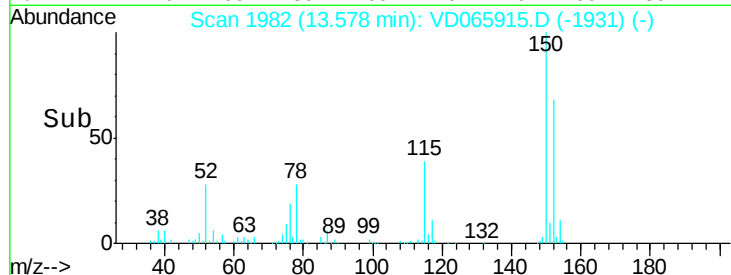
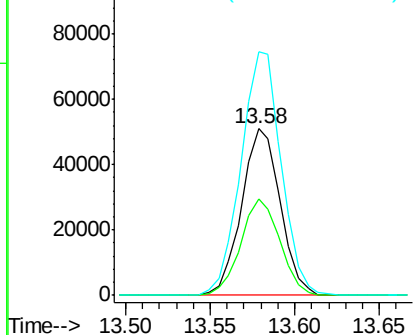
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065915.D
Acq: 01 Jul 2020 19:24

Instrument :
MSVOA_D
ClientSampleId :
TP8-SS

Tot Ion:152 Resp: 81136
Ion Ratio Lower Upper
152 100
115 58.2 29.7 89.1
150 151.9 0.0 346.2



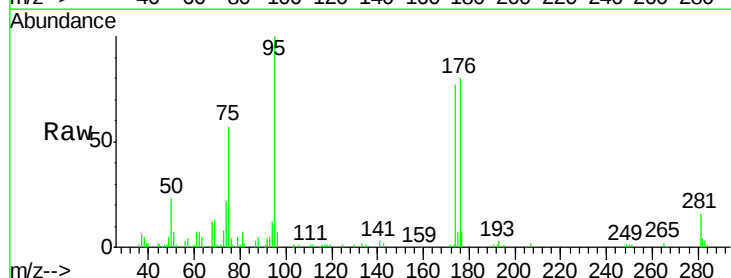
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



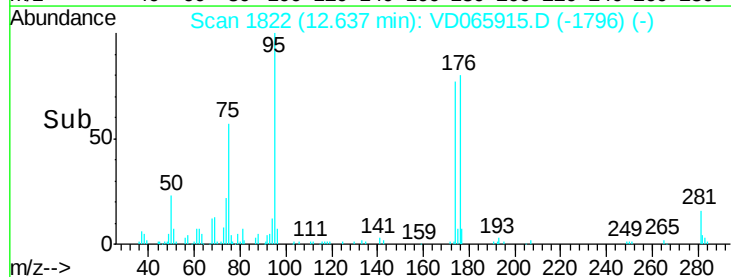
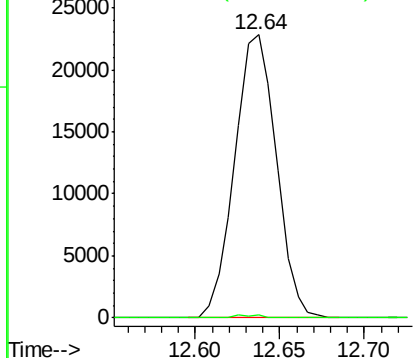
#76

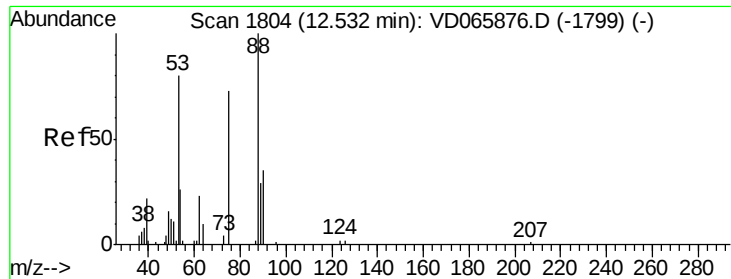
1,2,3-Trichloropropane
Concen: 55.271 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065915.D
Acq: 01 Jul 2020 19:24

Tgt Ion: 75 Resp: 39240
Ion Ratio Lower Upper
75 100
77 0.6 168.5 505.5#



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: 118.742 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065915.D

Acq: 01 Jul 2020 19:24

Instrument :

MSVOA_D

ClientSampleId :

TP8-SS

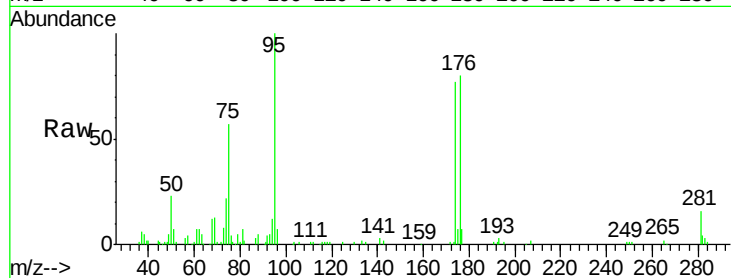
Tot Ion: 75 Resp: 39240

Ion Ratio Lower Upper

75 100

53 0.0 80.6 121.0#

89 0.0 36.5 54.7#



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

