

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
 Data File : VD066193.D
 Acq On : 11 Aug 2020 18:18
 Operator : VA/SY
 Sample : L3624-17
 Misc : 4.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-4

Quant Time: Aug 11 21:01:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	246576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	413733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	498174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285112	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	109138	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
35) Dibromofluoromethane	7.91	113	128539	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
50) Toluene-d8	10.34	98	525857	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
62) 4-Bromofluorobenzene	12.63	95	242493	69.55	ug/l	0.00
Spiked Amount			Recovery	=	139.10%	

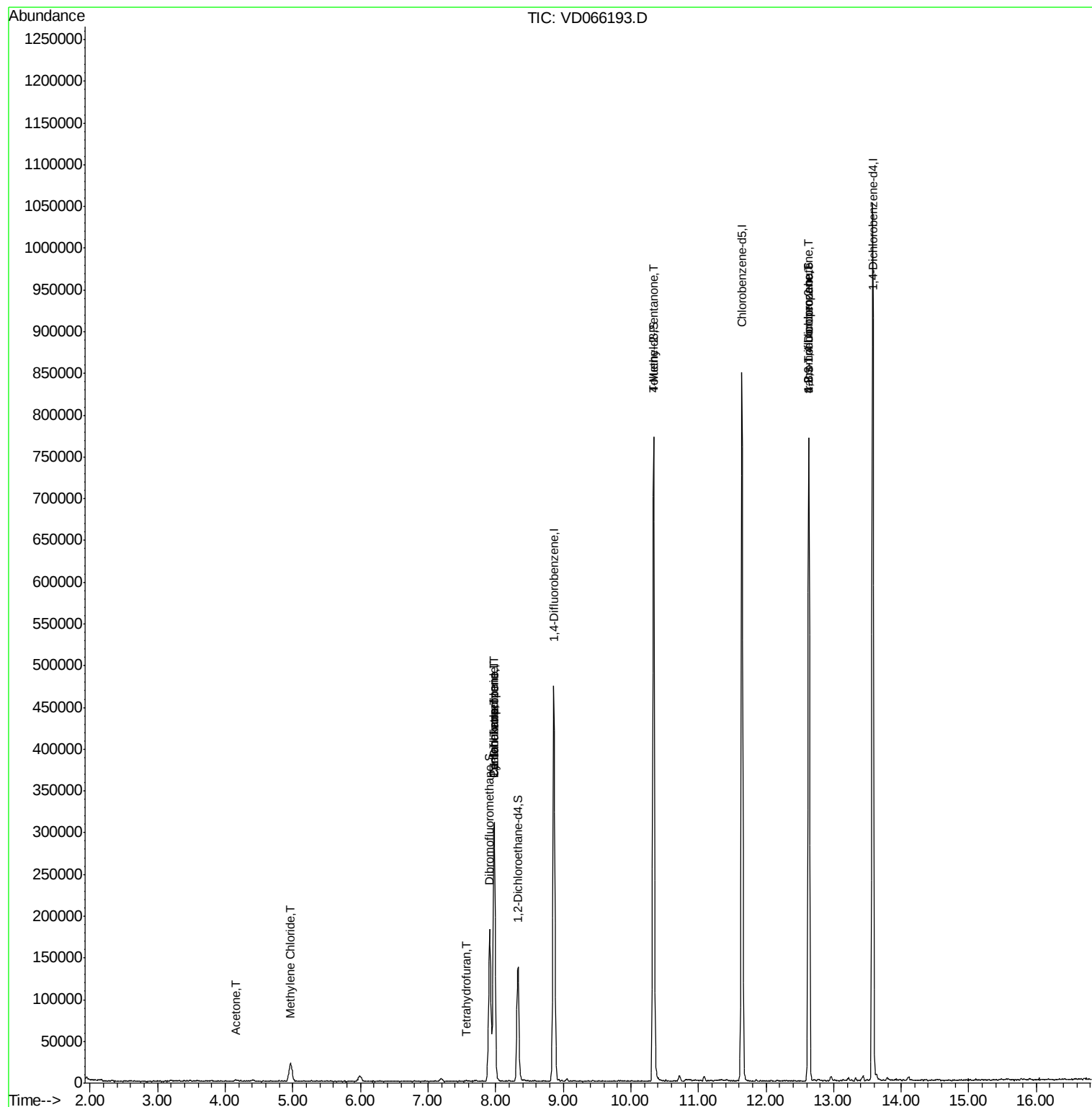
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	178	Below Cal	#	76
16) Acetone	4.16	43	3235	7.750	ug/l	94
20) Methylene Chloride	4.96	84	16361	2.383	ug/l #	91
29) Tetrahydrofuran	7.57	42	406	1.067	ug/l #	47
31) Cyclohexane	7.98	56	4465	1.159	ug/l #	25
36) 1,1-Dichloropropene	7.98	75	17195	4.423	ug/l #	51
38) Carbon Tetrachloride	7.97	117	23752	5.478	ug/l #	14
51) 4-Methyl-2-Pentanone	10.34	43	2493	1.599	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	121094	50.930	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	121094	112.585	ug/l #	13

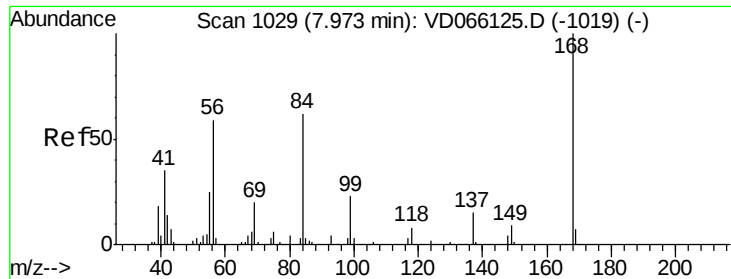
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
Data File : VD066193.D
Acq On : 11 Aug 2020 18:18
Operator : VA/SY
Sample : L3624-17
Misc : 4.36G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
SS-TP-4

Quant Time: Aug 11 21:01:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 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: VD066193.D

Acq: 11 Aug 2020 18:18

Instrument :

MSVOA_D

ClientSampleId :

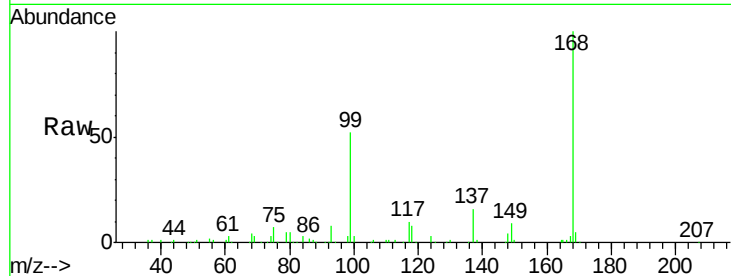
SS-TP-4

Tgt Ion:168 Resp: 246576

Ion Ratio Lower Upper

168 100

99 52.3 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

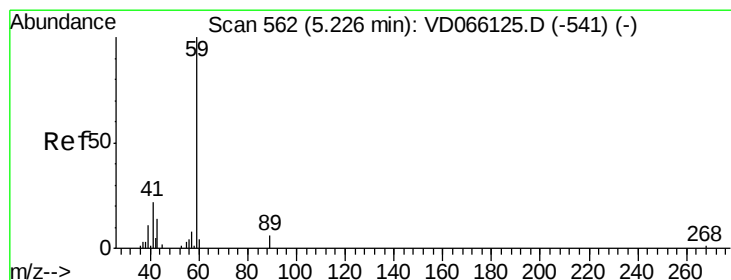
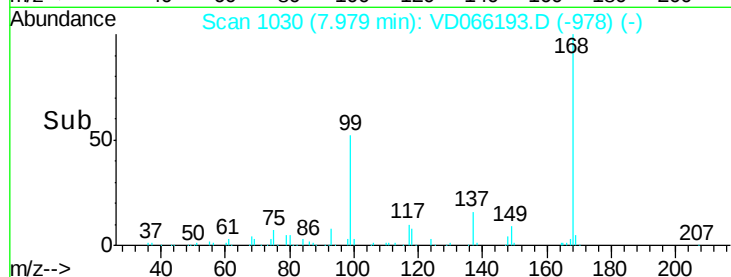
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 554

Delta R.T. -0.05 min

Lab File: VD066193.D

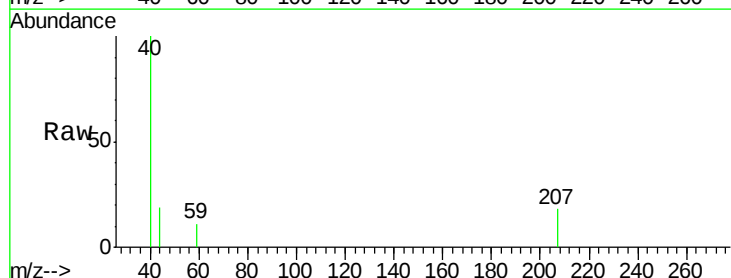
Acq: 11 Aug 2020 18:18

Tgt Ion: 59 Resp: 178

Ion Ratio Lower Upper

59 100

57 0.0 7.0 10.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.18

200

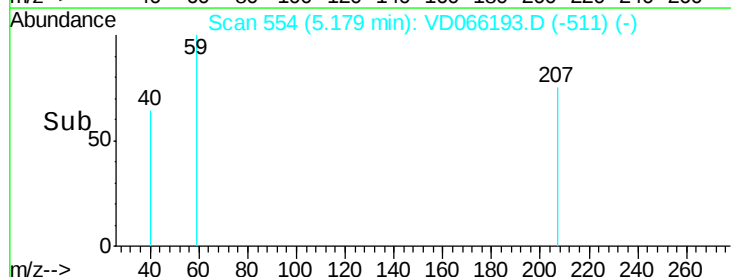
150

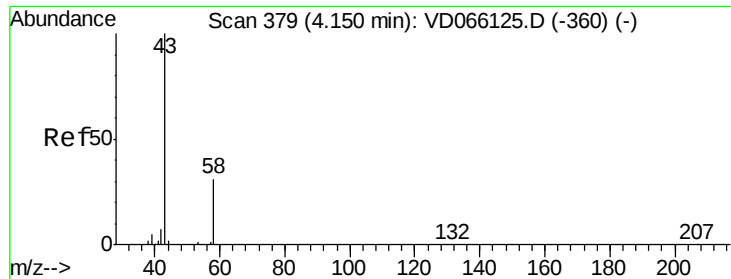
100

50

0

Time-->





#16

Acetone

Concen: 7.750 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066193.D

Acq: 11 Aug 2020 18:18

Instrument :

MSVOA_D

ClientSampleId :

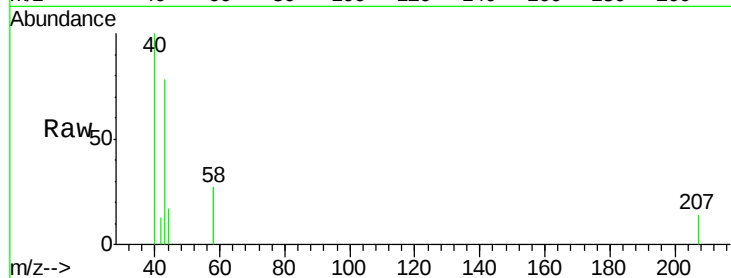
SS-TP-4

Tgt Ion: 43 Resp: 3235

Ion Ratio Lower Upper

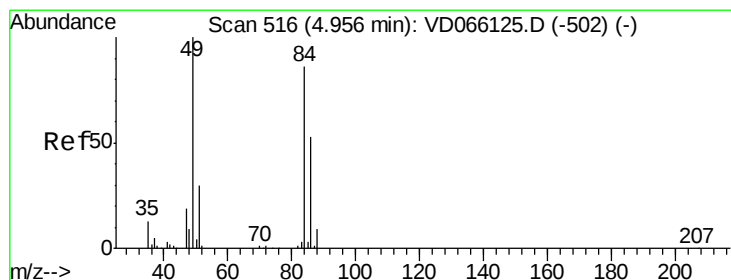
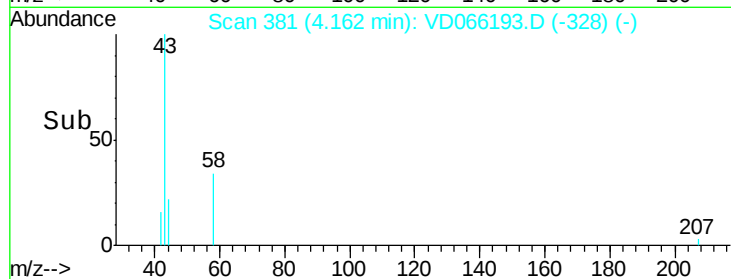
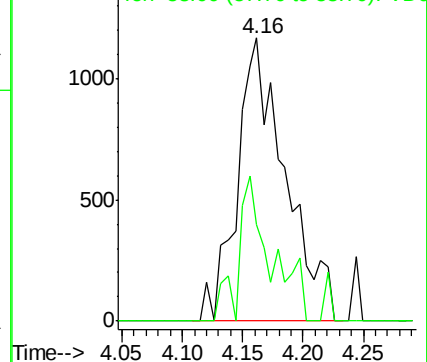
43 100

58 34.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 2.383 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066193.D

Acq: 11 Aug 2020 18:18

Tgt Ion: 84 Resp: 16361

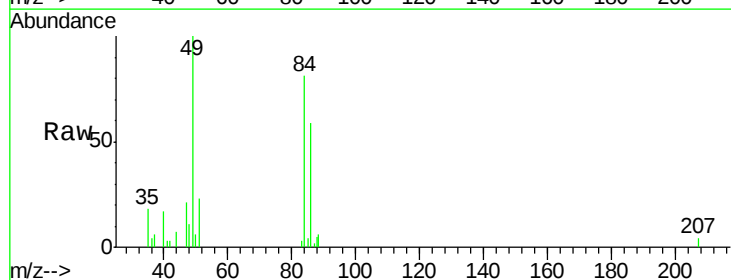
Ion Ratio Lower Upper

84 100

49 122.7 93.5 140.3

51 28.0 28.2 42.4#

86 72.3 49.5 74.3

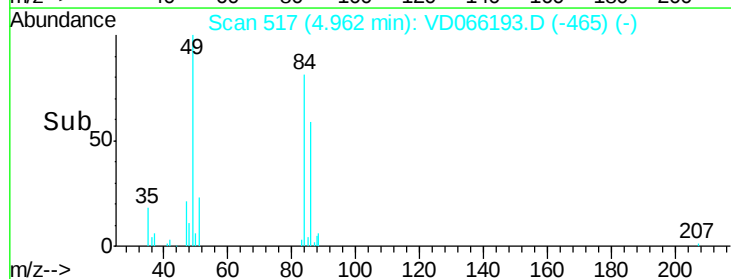
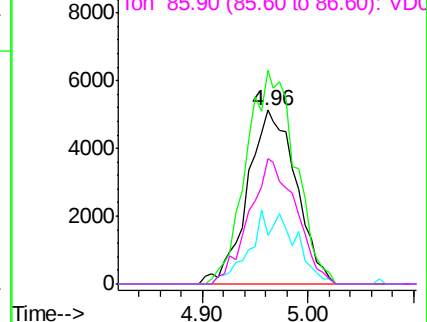


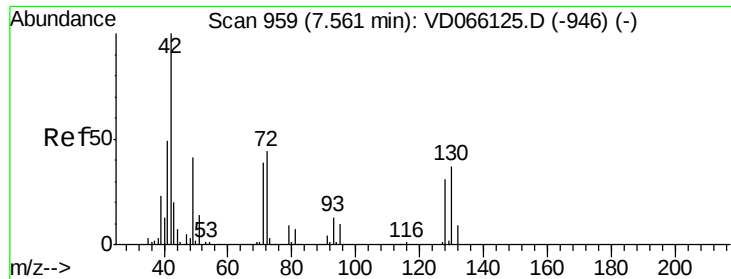
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

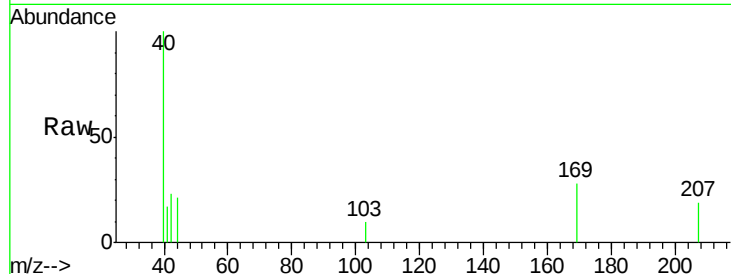




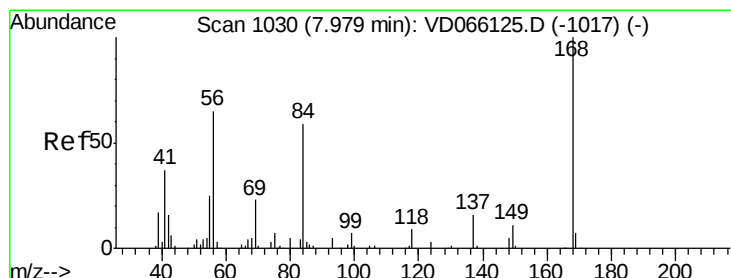
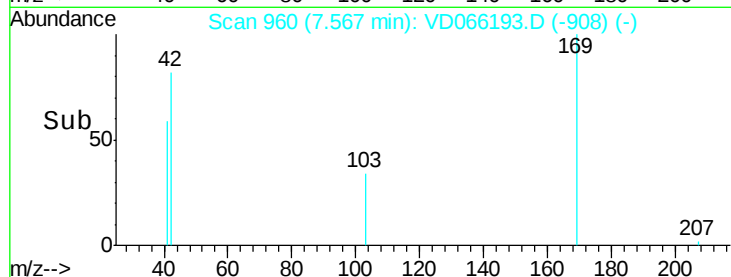
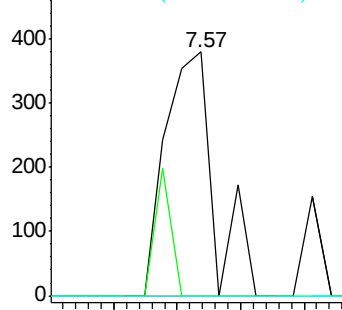
#29
Tetrahydrofuran
Concen: 1.067 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD066193.D
Acq: 11 Aug 2020 18:18

Instrument :
MSVOA_D
ClientSampleId :
SS-TP-4

Tgt Ion: 42 Resp: 406
Ion Ratio Lower Upper
42 100
72 17.2 34.8 52.2#
71 0.0 33.5 50.3#

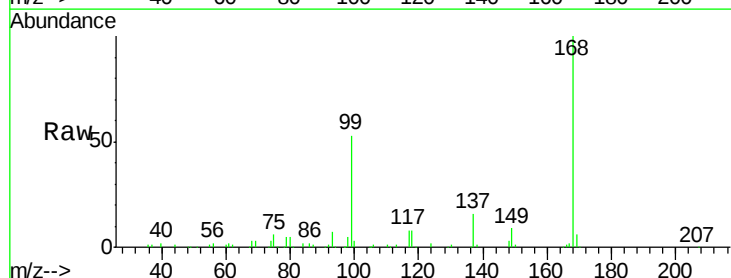


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

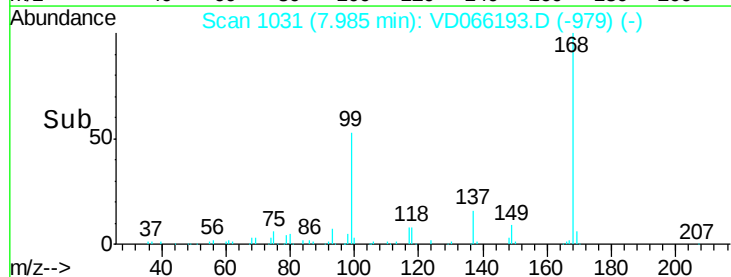
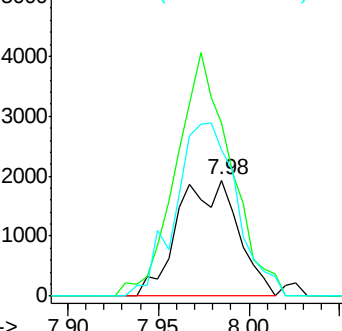


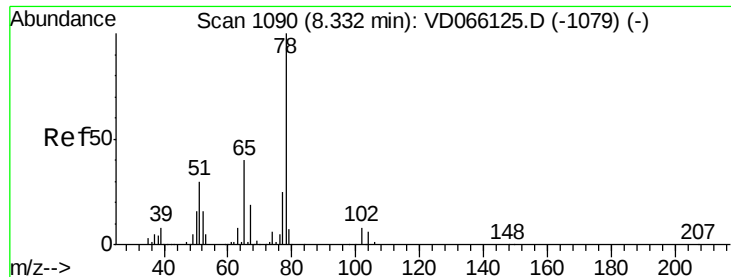
#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066193.D
Acq: 11 Aug 2020 18:18

Tgt Ion: 56 Resp: 4465
Ion Ratio Lower Upper
56 100
69 138.0 28.8 43.2#
84 126.0 73.0 109.6#



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: 49.612 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066193.D

Acq: 11 Aug 2020 18:18

Instrument :

MSVOA_D

ClientSampleId :

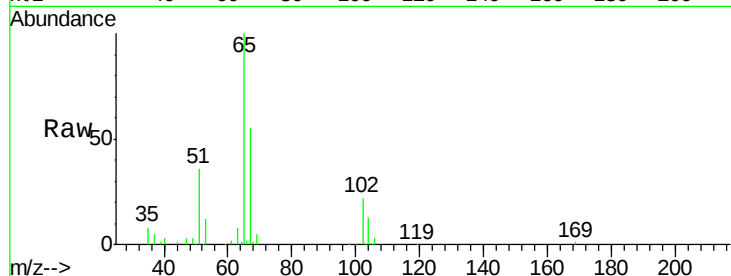
SS-TP-4

Tgt Ion: 65 Resp: 109138

Ion Ratio Lower Upper

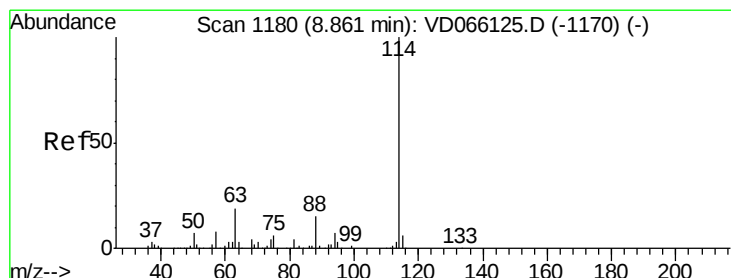
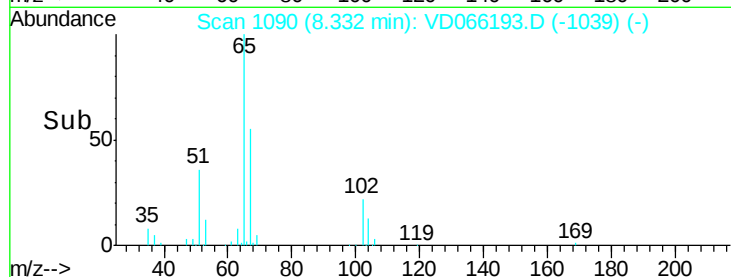
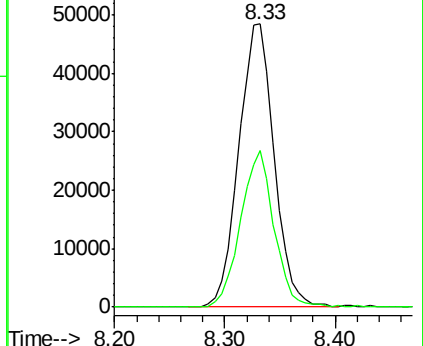
65 100

67 52.2 0.0 104.6



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: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066193.D

Acq: 11 Aug 2020 18:18

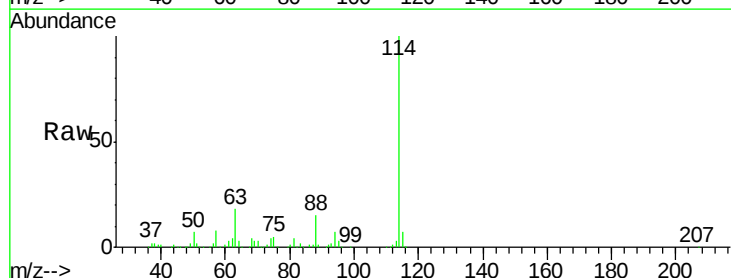
Tgt Ion: 114 Resp: 413733

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.6

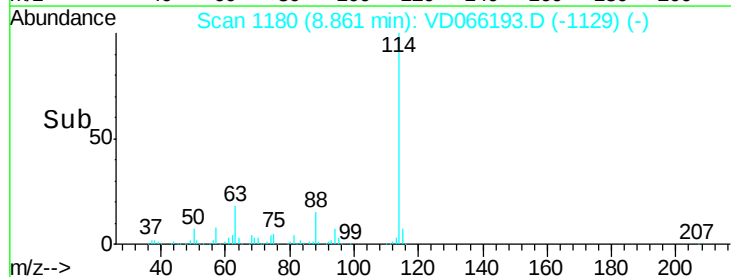
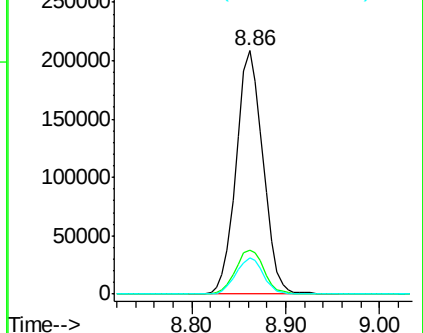
88 14.8 0.0 30.0

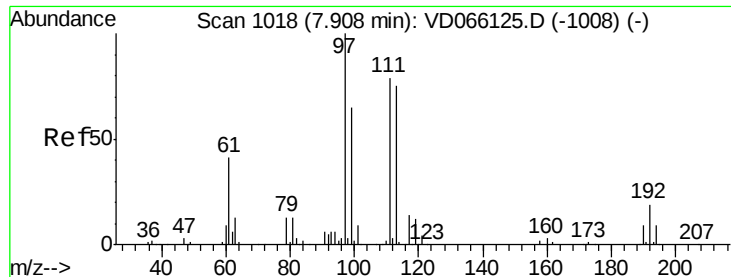


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

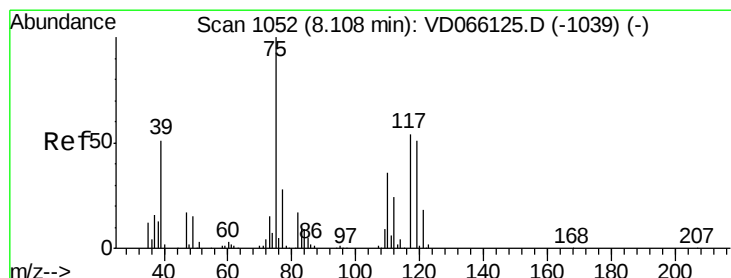
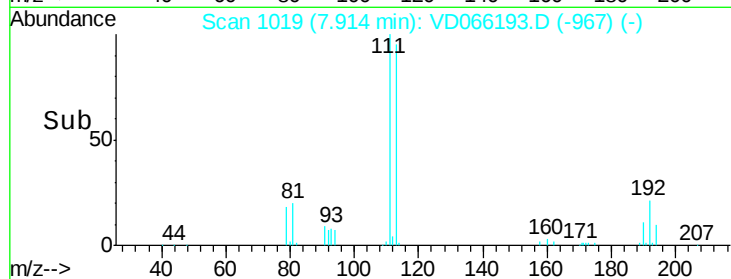
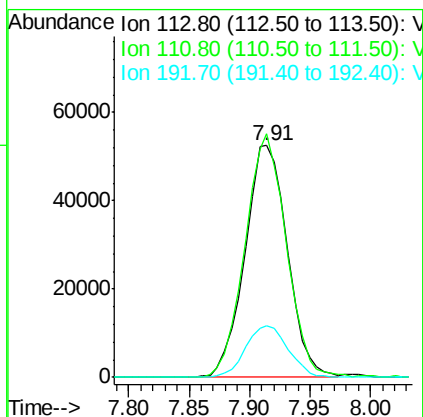
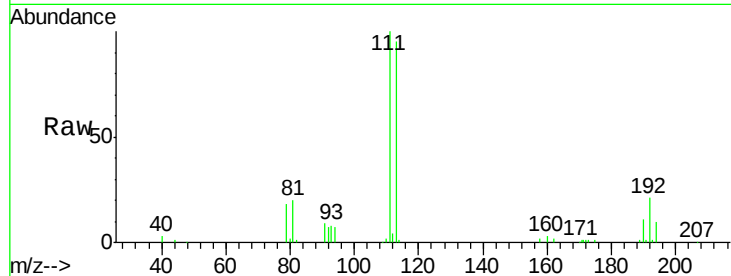




#35
 Dibromofluoromethane
 Concen: 49.043 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066193.D
 Acq: 11 Aug 2020 18:18

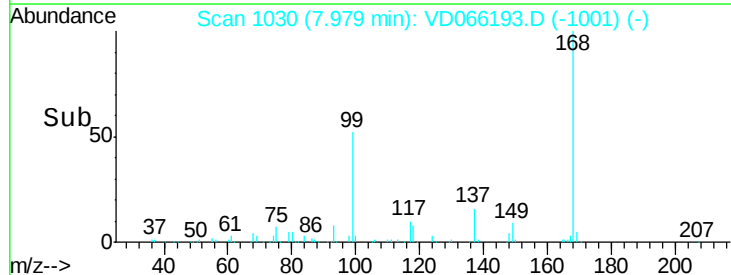
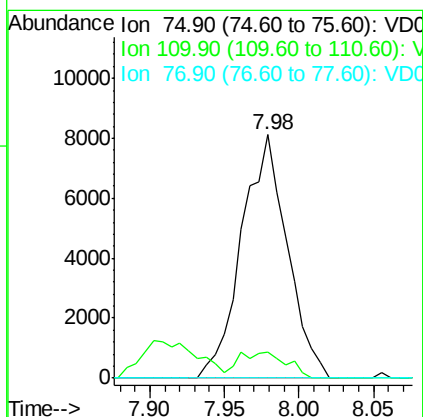
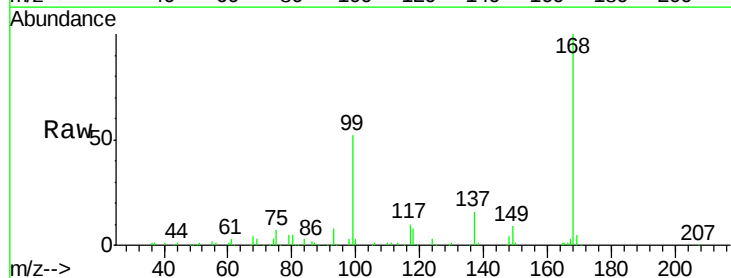
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-4

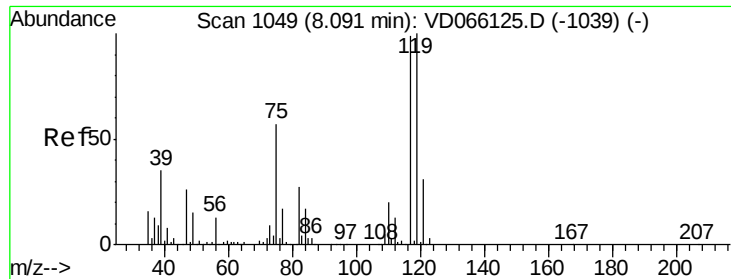
Tgt Ion: 113 Resp: 128539
 Ion Ratio Lower Upper
 113 100
 111 102.0 80.7 121.1
 192 22.4 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 4.423 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066193.D
 Acq: 11 Aug 2020 18:18

Tgt Ion: 75 Resp: 17195
 Ion Ratio Lower Upper
 75 100
 110 11.2 18.8 56.3#
 77 0.0 24.2 36.2#

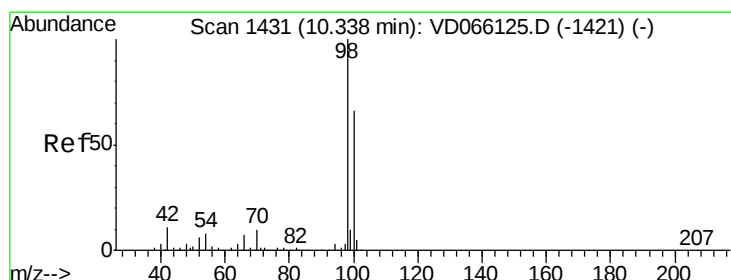
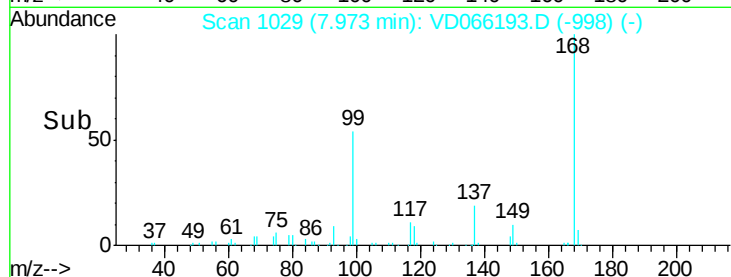
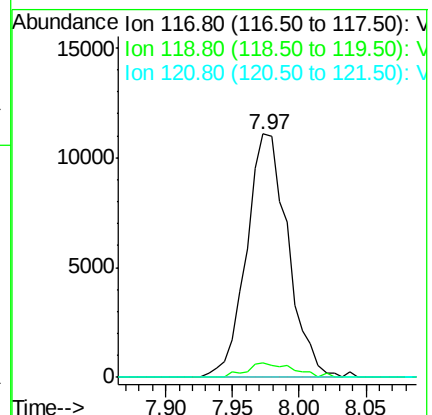
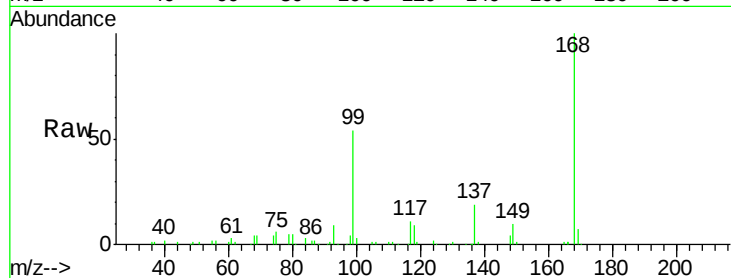




#38
Carbon Tetrachloride
Concen: 5.478 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066193.D
Acq: 11 Aug 2020 18:18

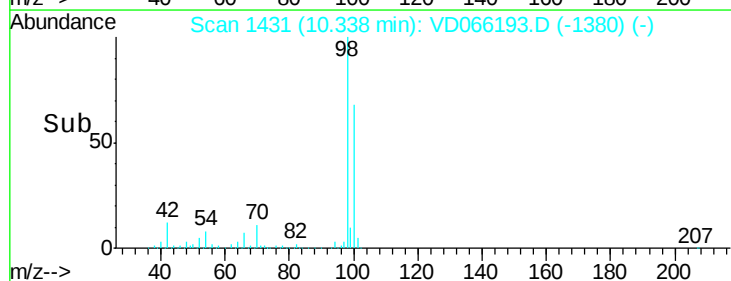
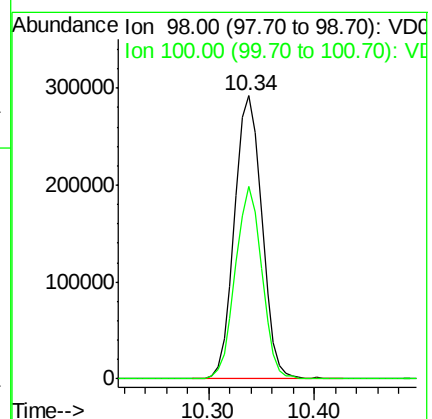
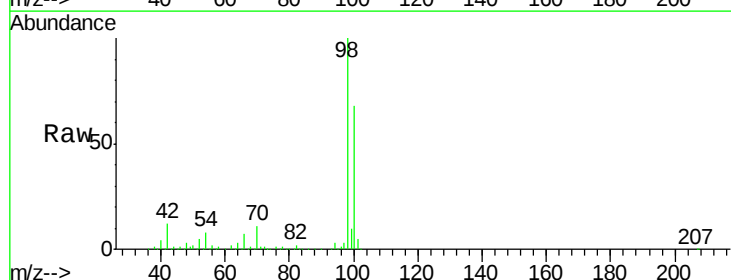
Instrument :
MSVOA_D
ClientSampleId :
SS-TP-4

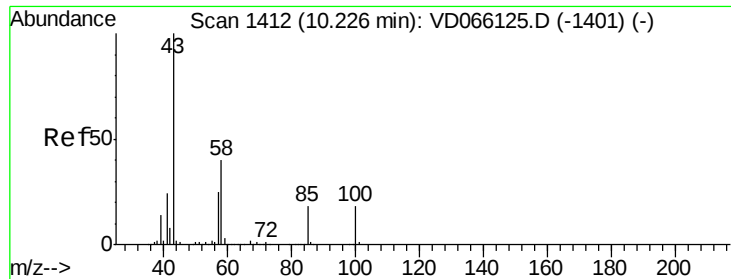
Tgt Ion: 117 Resp: 23752
Ion Ratio Lower Upper
117 100
119 6.1 81.0 121.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.369 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066193.D
Acq: 11 Aug 2020 18:18

Tgt Ion: 98 Resp: 525857
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 1.599 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.11 min

Lab File: VD066193.D

Acq: 11 Aug 2020 18:18

Instrument :

MSVOA_D

ClientSampled :

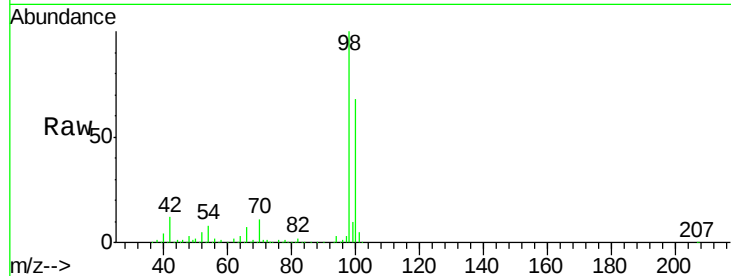
SS-TP-4

Tgt Ion: 43 Resp: 2493

Ion Ratio Lower Upper

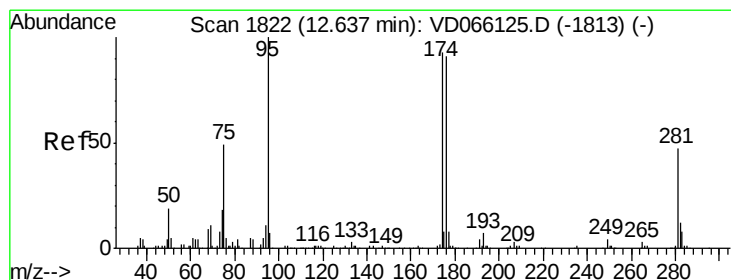
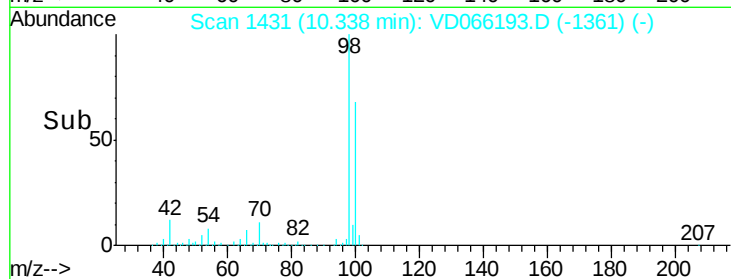
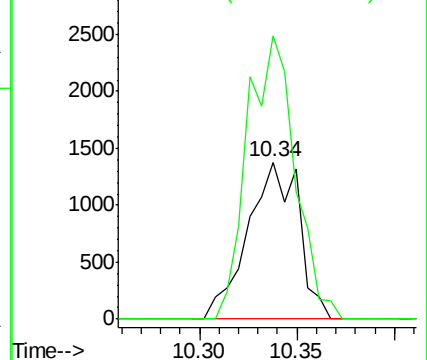
43 100

58 169.5 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 69.555 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066193.D

Acq: 11 Aug 2020 18:18

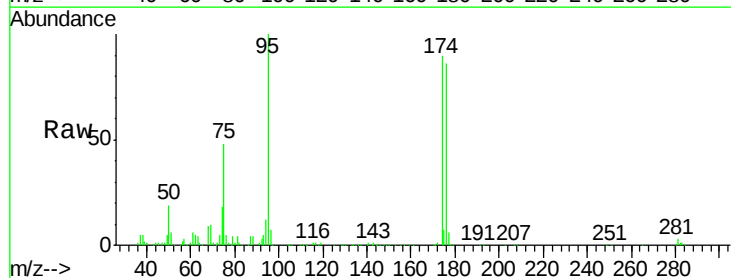
Tgt Ion: 95 Resp: 242493

Ion Ratio Lower Upper

95 100

174 91.5 0.0 180.8

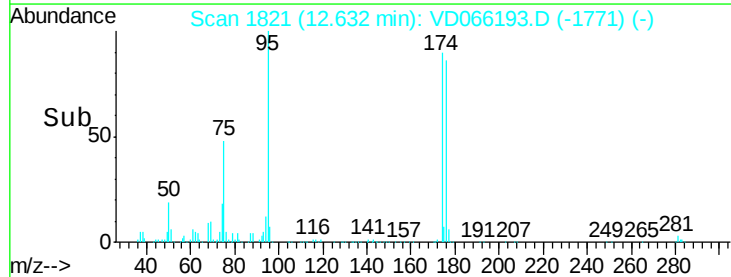
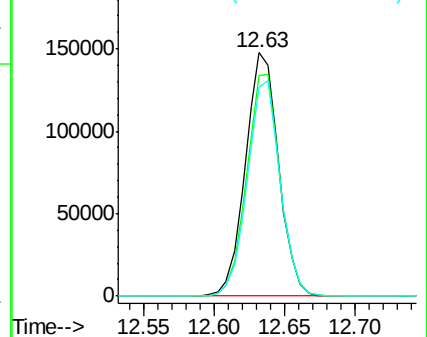
176 87.9 0.0 181.2

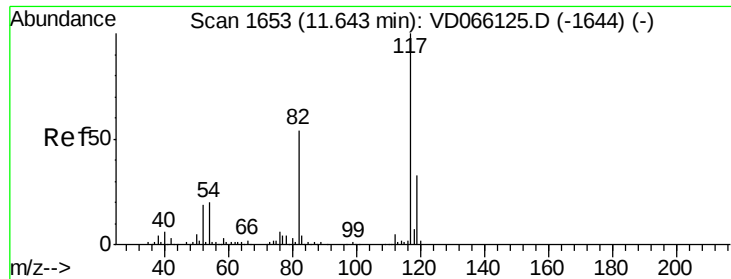


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

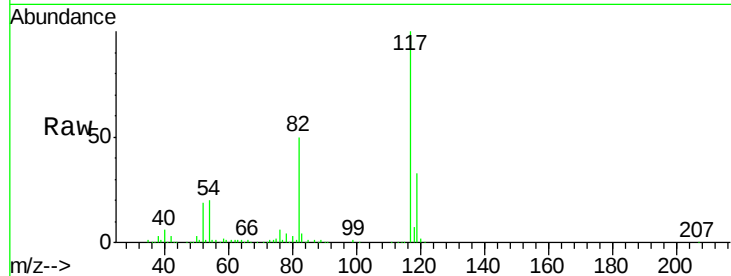




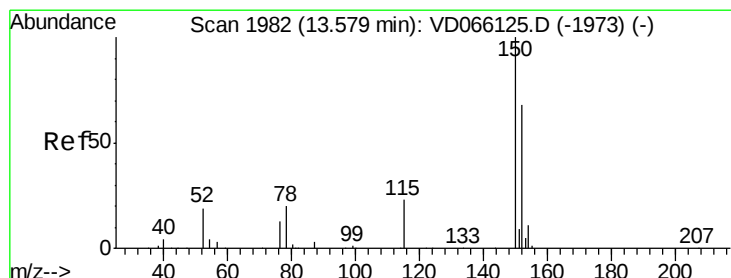
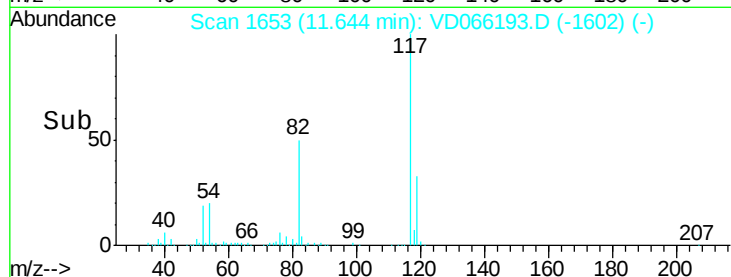
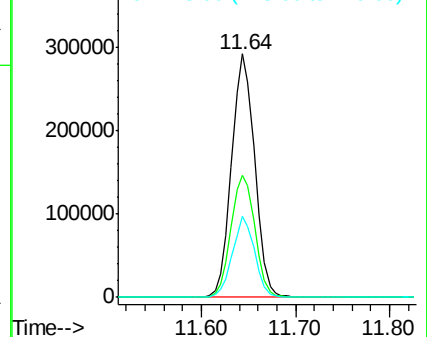
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066193.D
Acq: 11 Aug 2020 18:18

Instrument :
MSVOA_D
ClientSampleId :
SS-TP-4

Tgt Ion:117 Resp: 498174
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 33.2 26.1 39.1

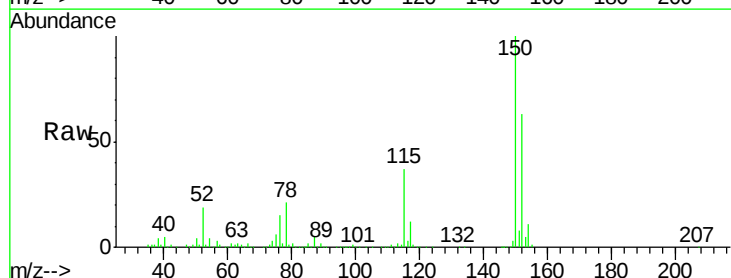


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

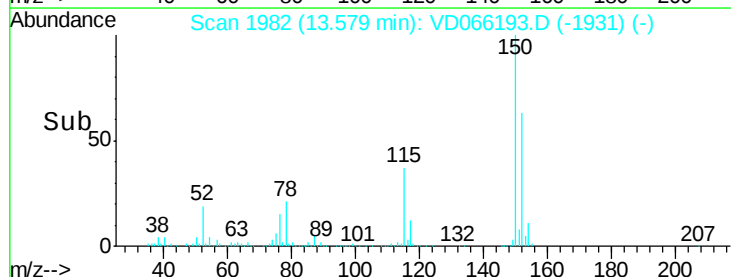
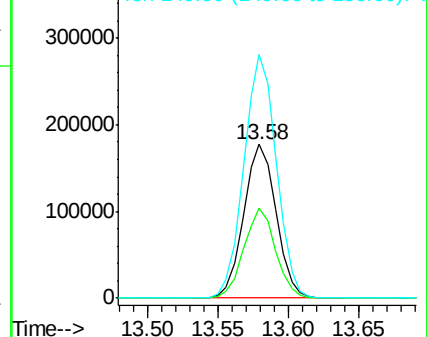


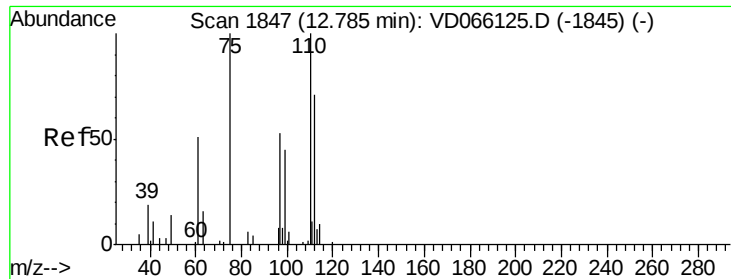
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066193.D
Acq: 11 Aug 2020 18:18

Tgt Ion:152 Resp: 285112
Ion Ratio Lower Upper
152 100
115 56.7 28.0 83.9
150 158.5 0.0 346.4



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

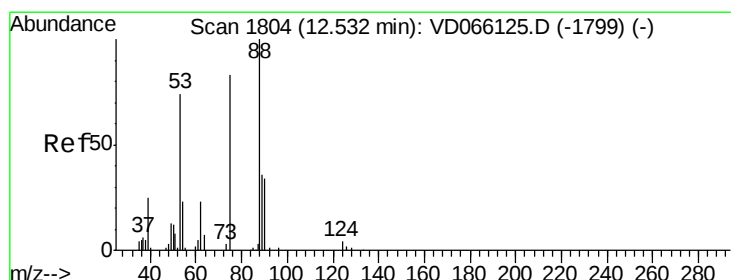
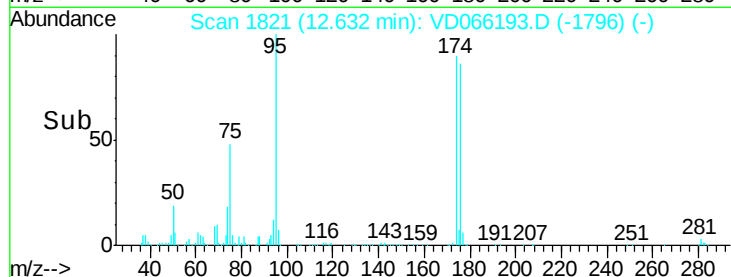
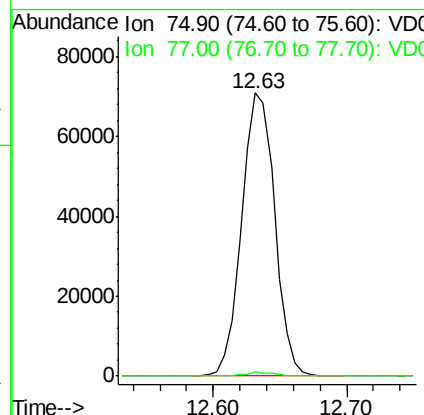
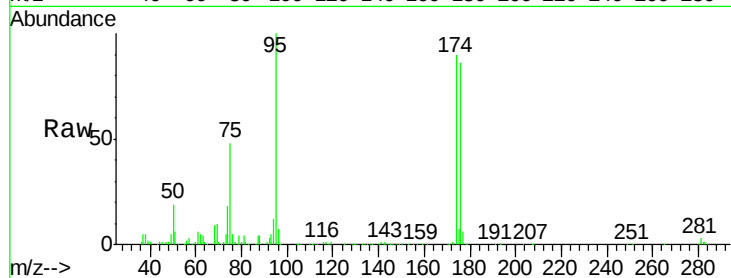




#76
 1,2,3-Trichloropropane
 Concen: 50.930 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066193.D
 Acq: 11 Aug 2020 18:18

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-4

Tgt Ion: 75 Resp: 121094
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.585 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066193.D
 Acq: 11 Aug 2020 18:18

Tgt Ion: 75 Resp: 121094
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.2#
 89 0.0 36.6 55.0#

