

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
 Data File : VD066191.D
 Acq On : 11 Aug 2020 17:23
 Operator : VA/SY
 Sample : L3624-07
 Misc : 3.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-2

Quant Time: Aug 11 21:00:51 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

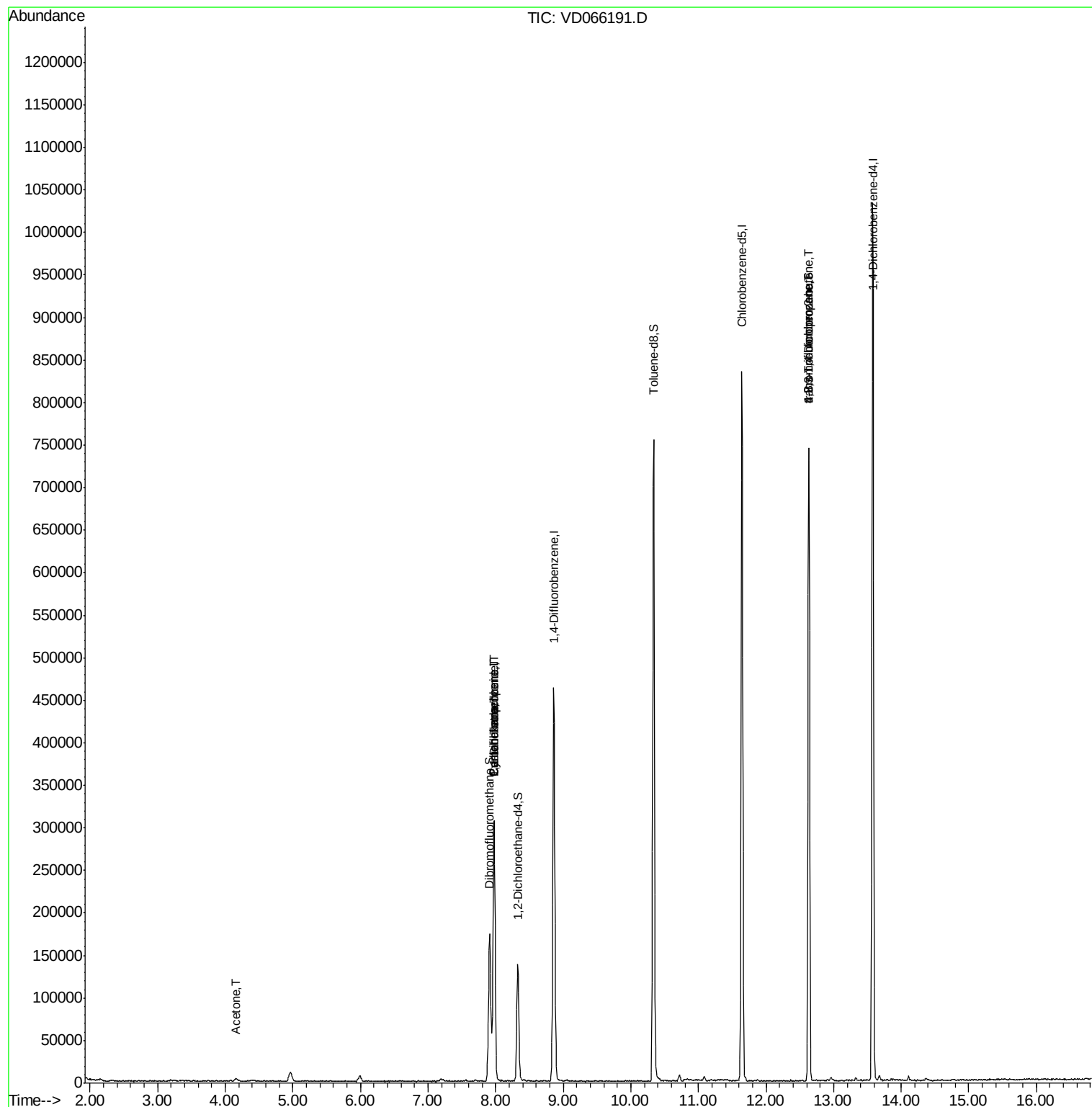
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	238174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	408334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	483721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	107465	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
35) Dibromofluoromethane	7.91	113	126866	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.34	98	513481	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.63	95	242625	70.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.02%	
Target Compounds						
11) Tert butyl alcohol	5.23	59	64	Below Cal	#	76
16) Acetone	4.16	43	5132	12.729	ug/l	92
20) Methylene Chloride	4.96	84	8369	Below Cal		91
31) Cyclohexane	7.98	56	4859	1.305	ug/l #	1
36) 1,1-Dichloropropene	7.97	75	16293	4.246	ug/l #	49
38) Carbon Tetrachloride	7.97	117	22726	5.311	ug/l #	13
76) 1,2,3-Trichloropropane	12.63	75	120963	51.940	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	120963	114.817	ug/l #	13

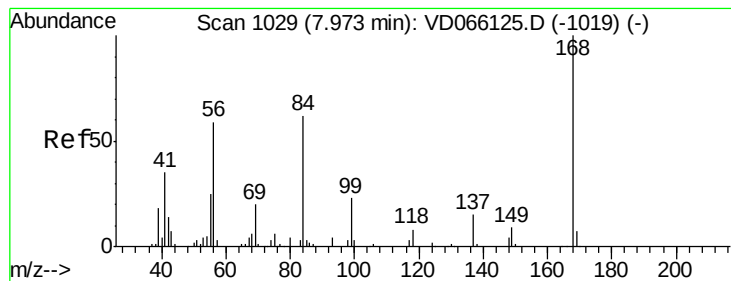
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 11 21:00:51 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: VD066191.D

Acq: 11 Aug 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

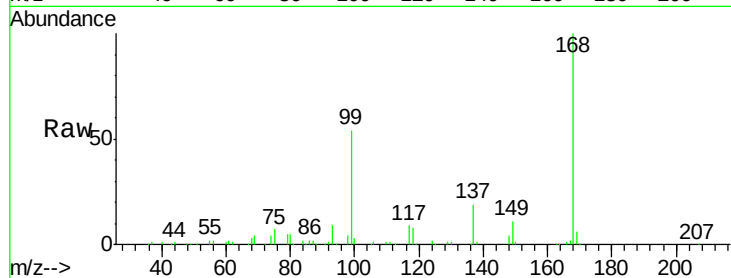
SS-TP-2

Tgt Ion:168 Resp: 238174

Ion Ratio Lower Upper

168 100

99 54.2 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

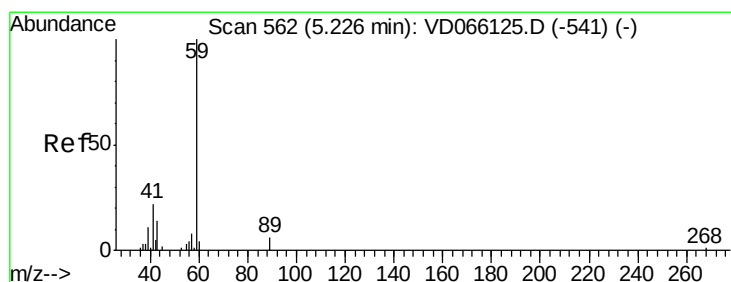
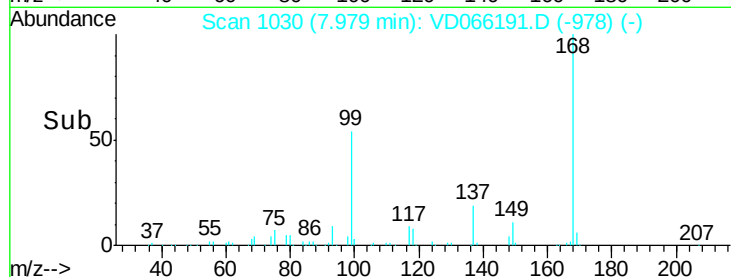
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 562

Delta R.T. 0.00 min

Lab File: VD066191.D

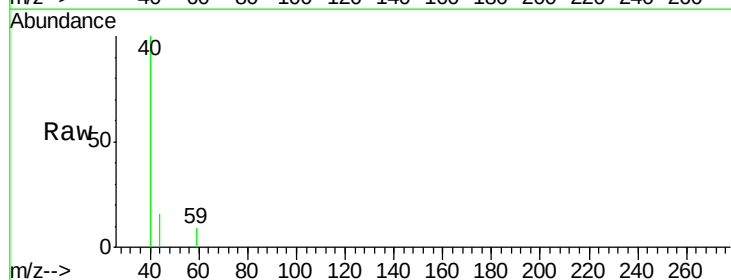
Acq: 11 Aug 2020 17:23

Tgt Ion: 59 Resp: 64

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

5.23

200

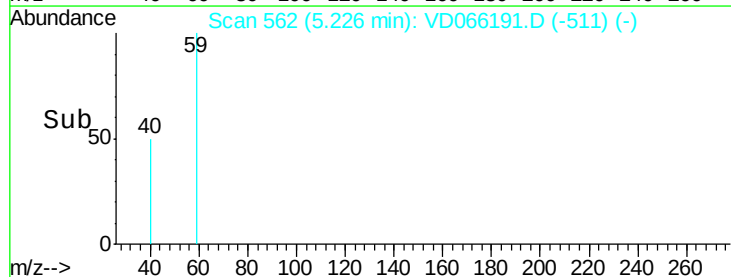
150

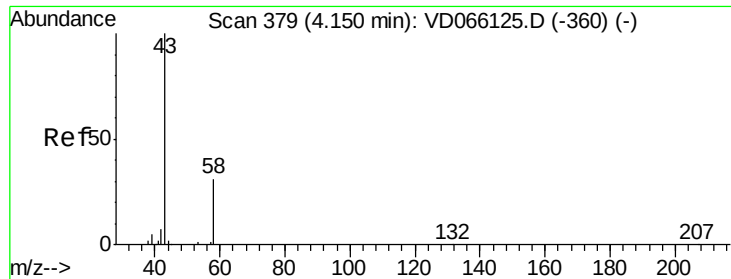
100

50

0

Time-->





#16

Acetone

Concen: 12.729 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066191.D

Acq: 11 Aug 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

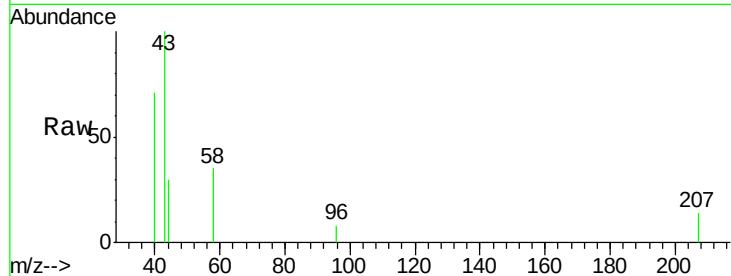
SS-TP-2

Tgt Ion: 43 Resp: 5132

Ion Ratio Lower Upper

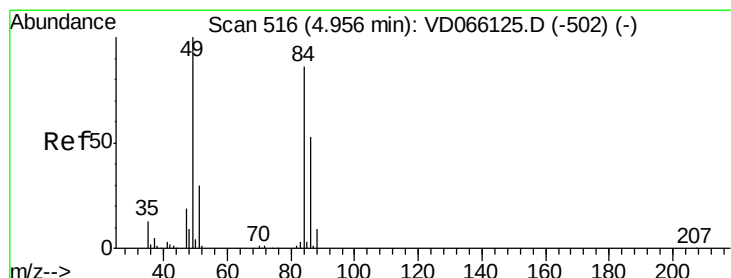
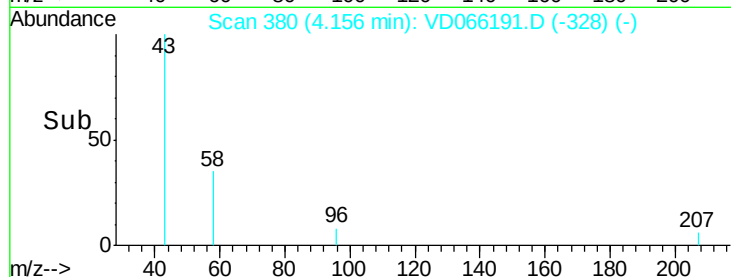
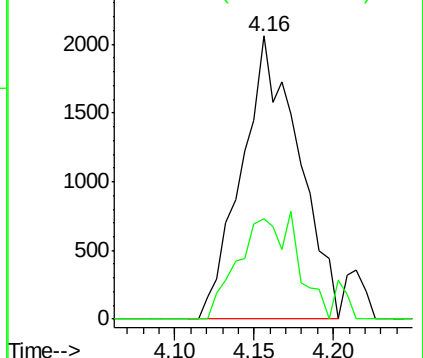
43 100

58 35.3 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: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066191.D

Acq: 11 Aug 2020 17:23

Tgt Ion: 84 Resp: 8369

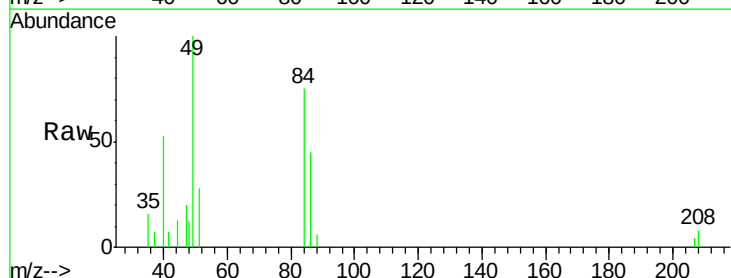
Ion Ratio Lower Upper

84 100

49 133.2 93.5 140.3

51 37.8 28.2 42.4

86 60.5 49.5 74.3

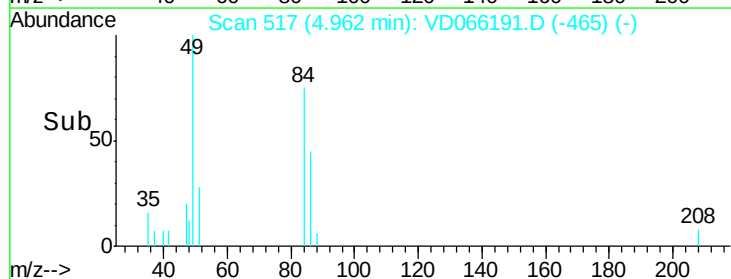
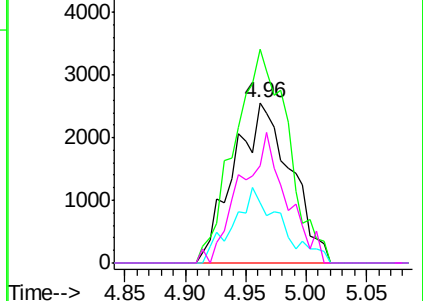


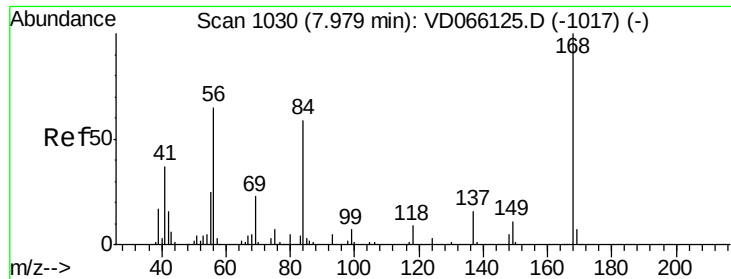
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

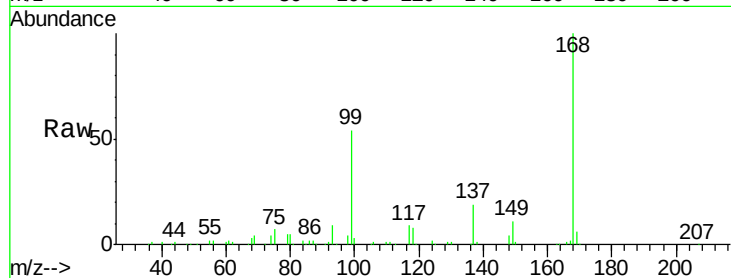




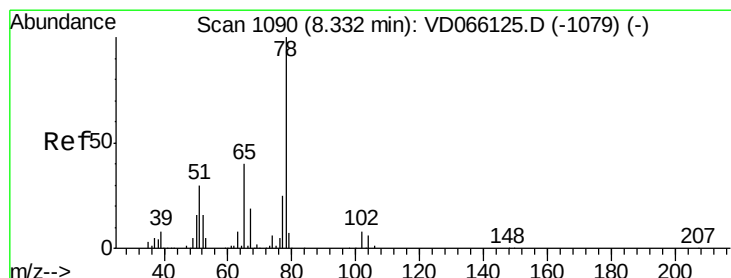
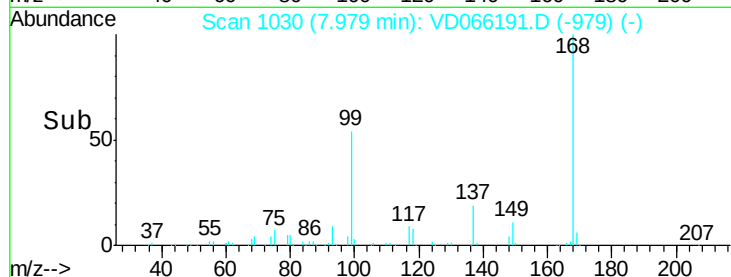
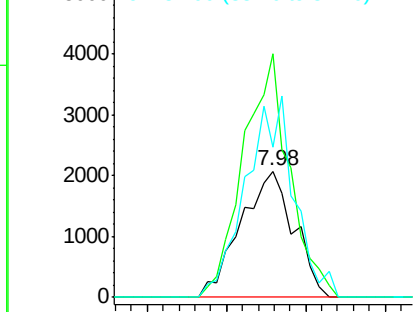
#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066191.D
Acq: 11 Aug 2020 17:23

Instrument :
MSVOA_D
ClientSampleId :
SS-TP-2

Tgt Ion: 56 Resp: 4859
Ion Ratio Lower Upper
56 100
69 192.6 28.8 43.2#
84 134.5 73.0 109.6#

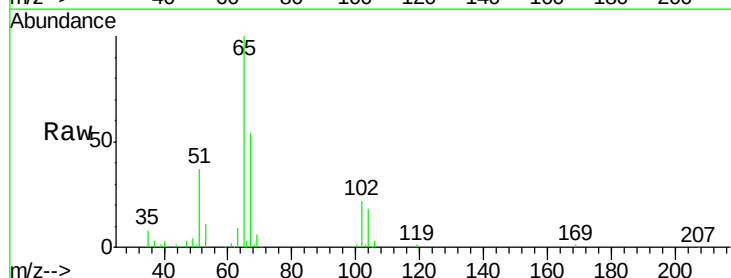


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

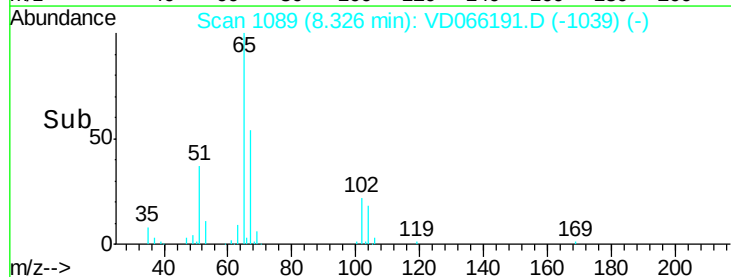
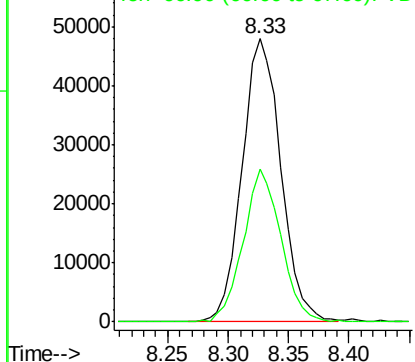


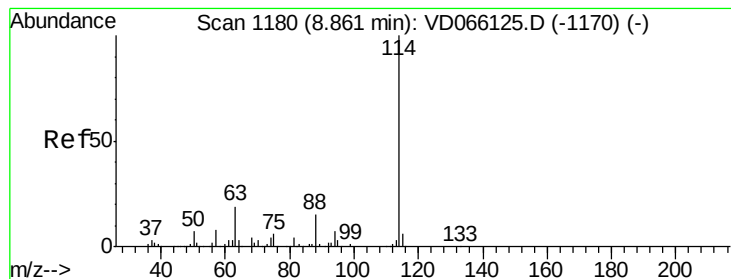
#33
1,2-Dichloroethane-d4
Concen: 50.575 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066191.D
Acq: 11 Aug 2020 17:23

Tgt Ion: 65 Resp: 107465
Ion Ratio Lower Upper
65 100
67 52.4 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: VD066191.D

Acq: 11 Aug 2020 17:23

Instrument :

MSVOA_D

ClientSampled :

SS-TP-2

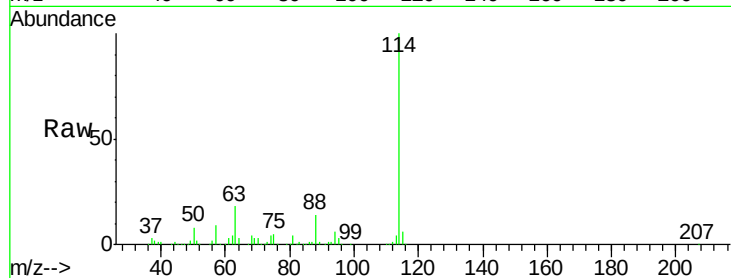
Tgt Ion:114 Resp: 408334

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.6

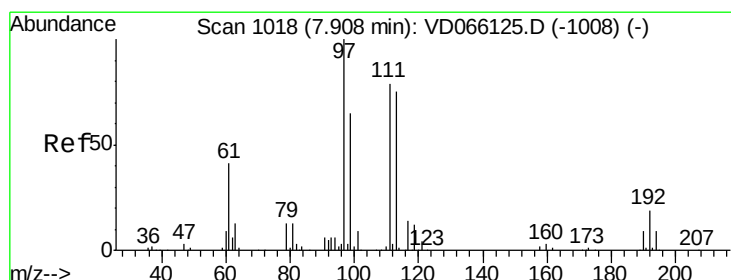
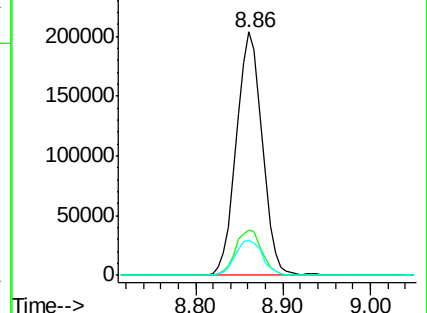
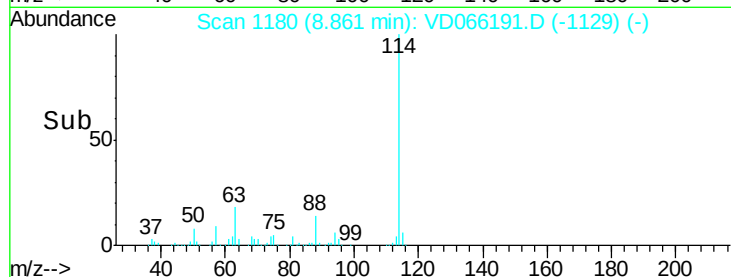
88 14.3 0.0 30.0



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: 49.044 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066191.D

Acq: 11 Aug 2020 17:23

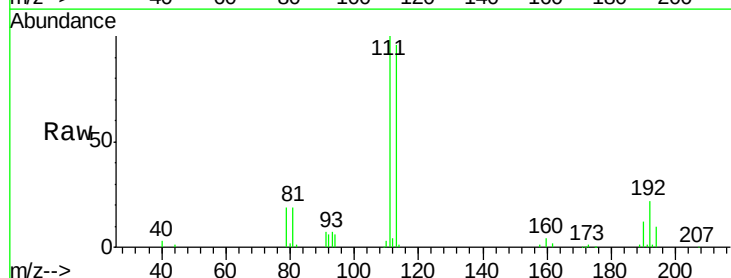
Tgt Ion:113 Resp: 126866

Ion Ratio Lower Upper

113 100

111 103.6 80.7 121.1

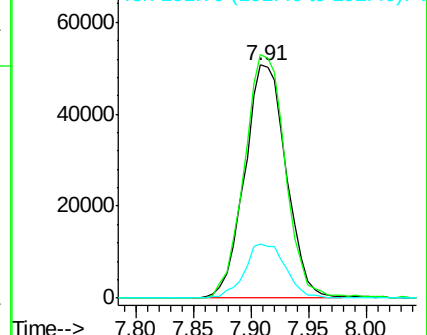
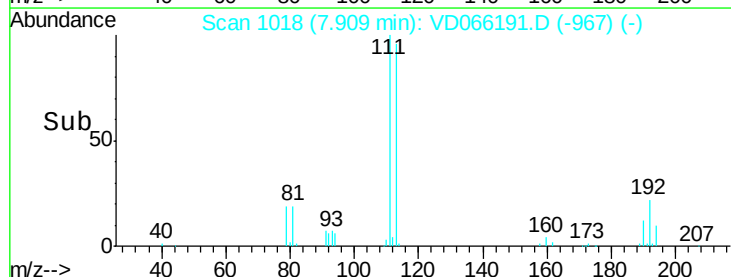
192 23.0 18.4 27.6

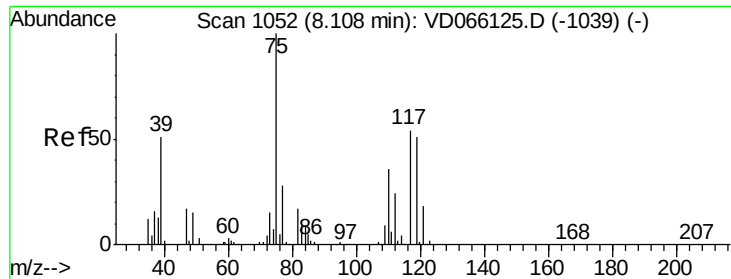


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.246 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066191.D

Acq: 11 Aug 2020 17:23

Instrument :

MSVOA_D

ClientSampled :

SS-TP-2

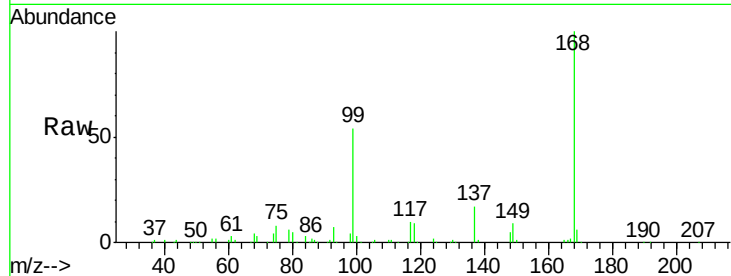
Tgt Ion: 75 Resp: 16293

Ion Ratio Lower Upper

75 100

110 8.7 18.8 56.3#

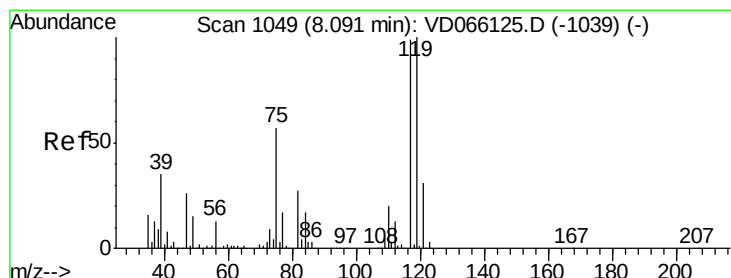
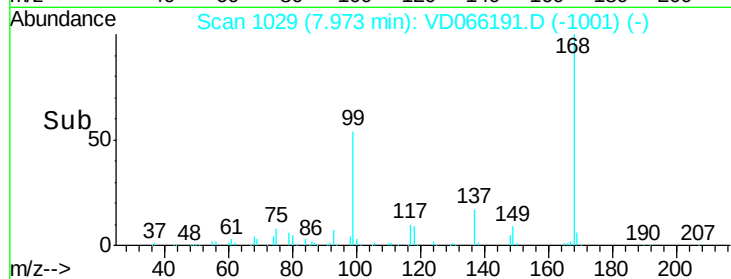
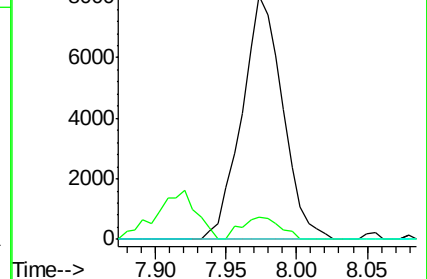
77 0.0 24.2 36.2#



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: 5.311 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066191.D

Acq: 11 Aug 2020 17:23

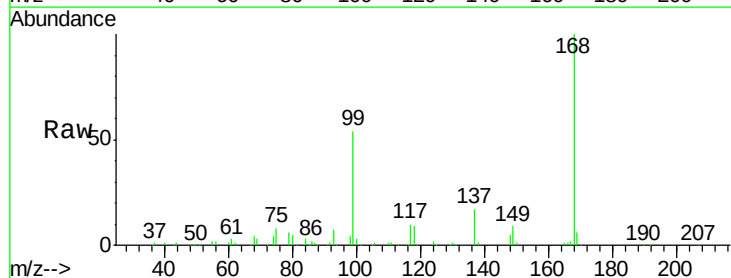
Tgt Ion: 117 Resp: 22726

Ion Ratio Lower Upper

117 100

119 4.8 81.0 121.4#

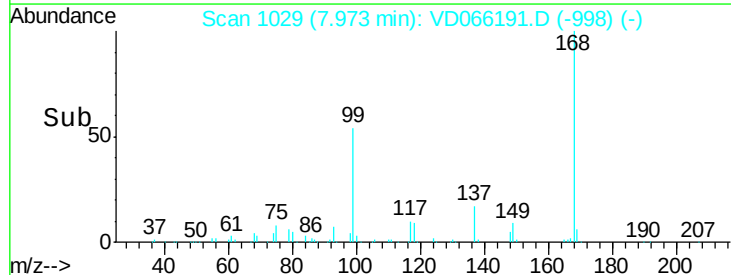
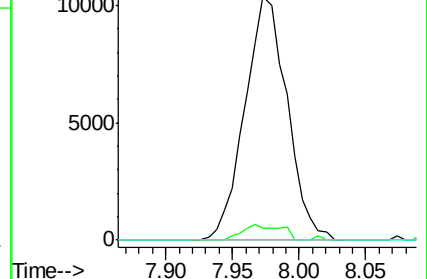
121 0.0 24.8 37.2#

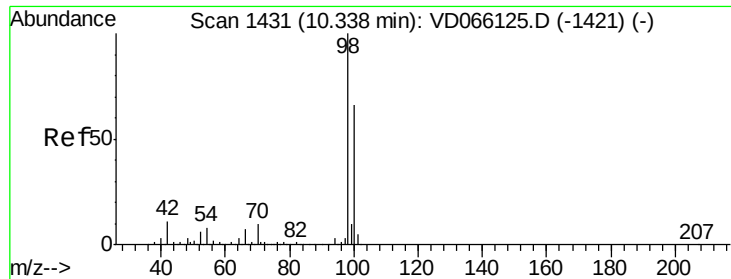


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

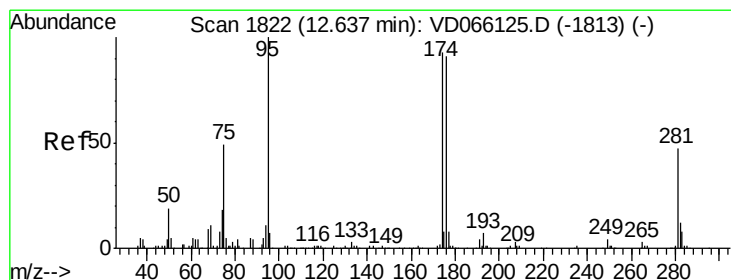
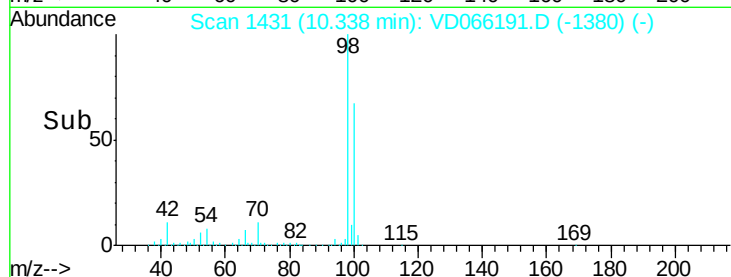
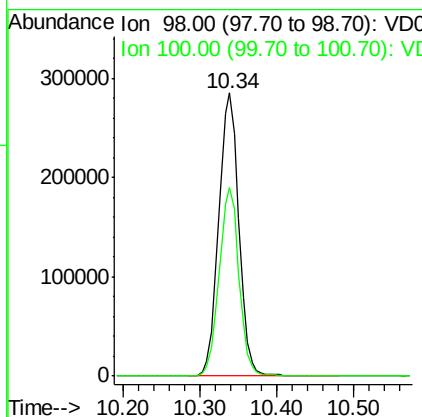
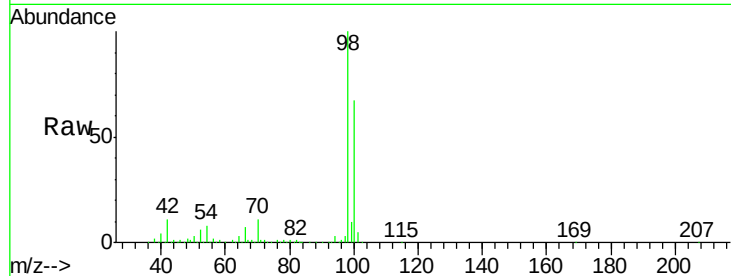




#50
Toluene-d8
Concen: 53.792 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066191.D
Acq: 11 Aug 2020 17:23

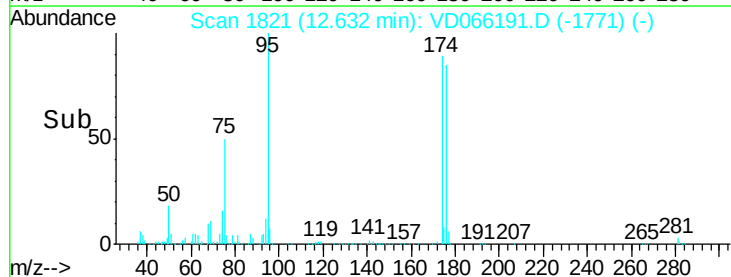
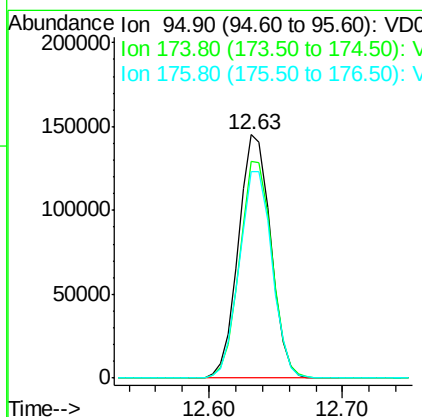
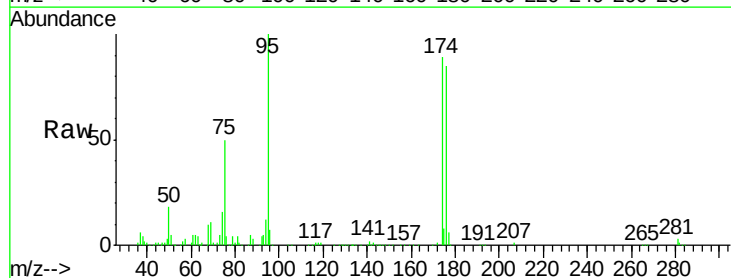
Instrument :
MSVOA_D
ClientSampleId :
SS-TP-2

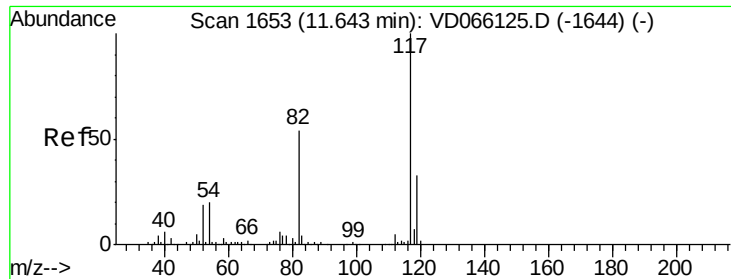
Tgt Ion: 98 Resp: 513481
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 70.513 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066191.D
Acq: 11 Aug 2020 17:23

Tgt Ion: 95 Resp: 242625
Ion Ratio Lower Upper
95 100
174 89.4 0.0 180.8
176 86.1 0.0 181.2

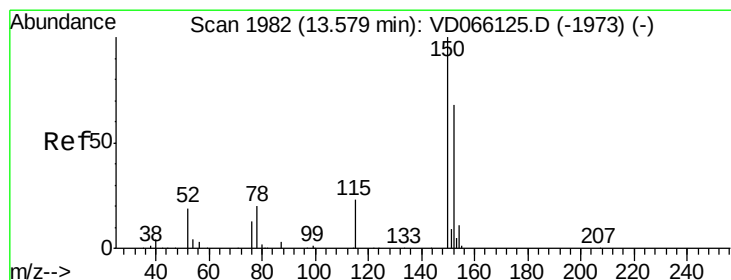
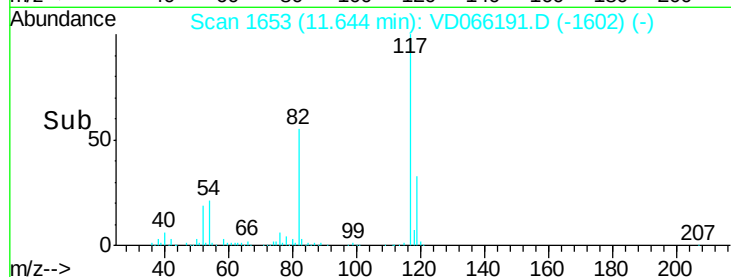
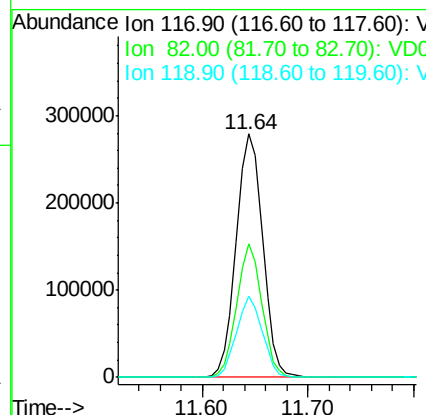
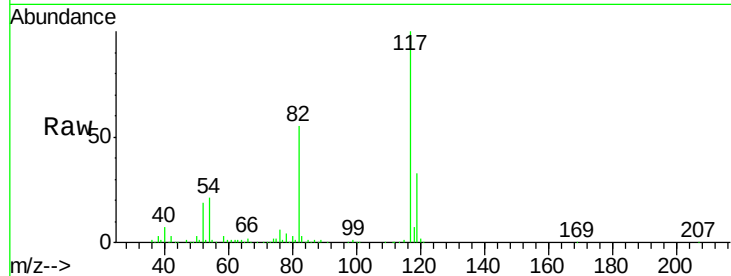




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066191.D
Acq: 11 Aug 2020 17:23

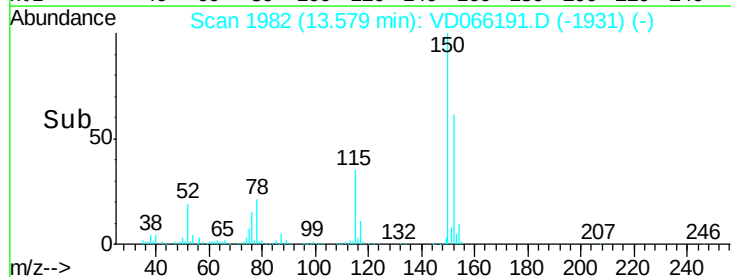
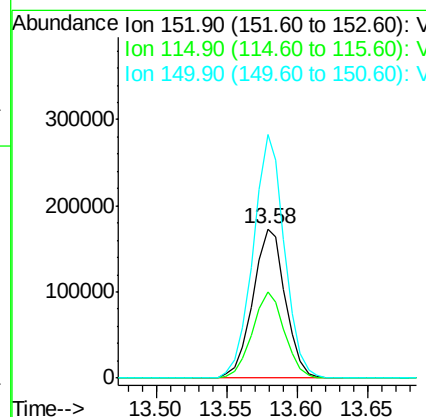
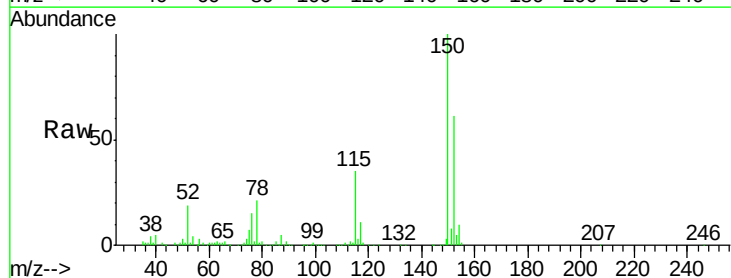
Instrument :
MSVOA_D
ClientSampleId :
SS-TP-2

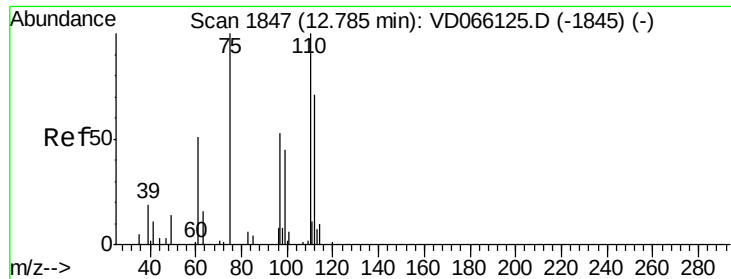
Tgt Ion:117 Resp: 483721
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 33.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066191.D
Acq: 11 Aug 2020 17:23

Tgt Ion:152 Resp: 279267
Ion Ratio Lower Upper
152 100
115 57.0 28.0 83.9
150 157.7 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 51.940 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066191.D

Acq: 11 Aug 2020 17:23

Instrument :

MSVOA_D

ClientSampleId :

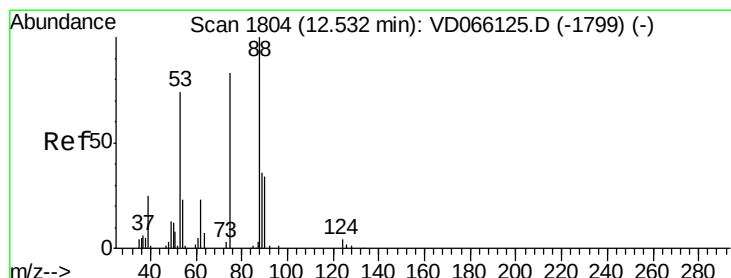
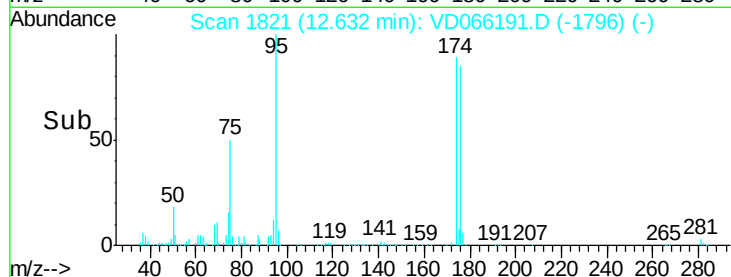
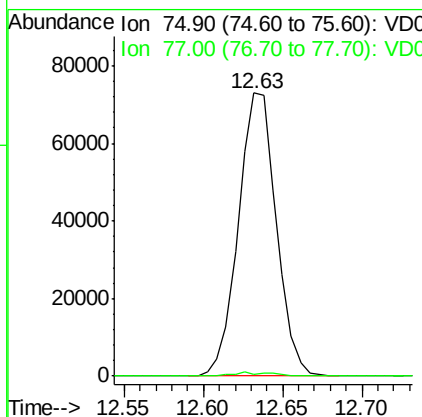
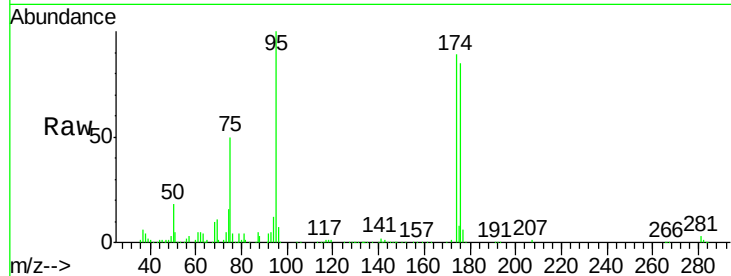
SS-TP-2

Tgt Ion: 75 Resp: 120963

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 114.817 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066191.D

Acq: 11 Aug 2020 17:23

Tgt Ion: 75 Resp: 120963

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#

