

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
 Data File : VD066195.D
 Acq On : 11 Aug 2020 19:13
 Operator : VA/SY
 Sample : L3654-04
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-16

Quant Time: Aug 11 21:01:36 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	245928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	410734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	491871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	283145	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	109794	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	7.91	113	127160	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.34	98	520650	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.63	95	242552	70.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.16%	

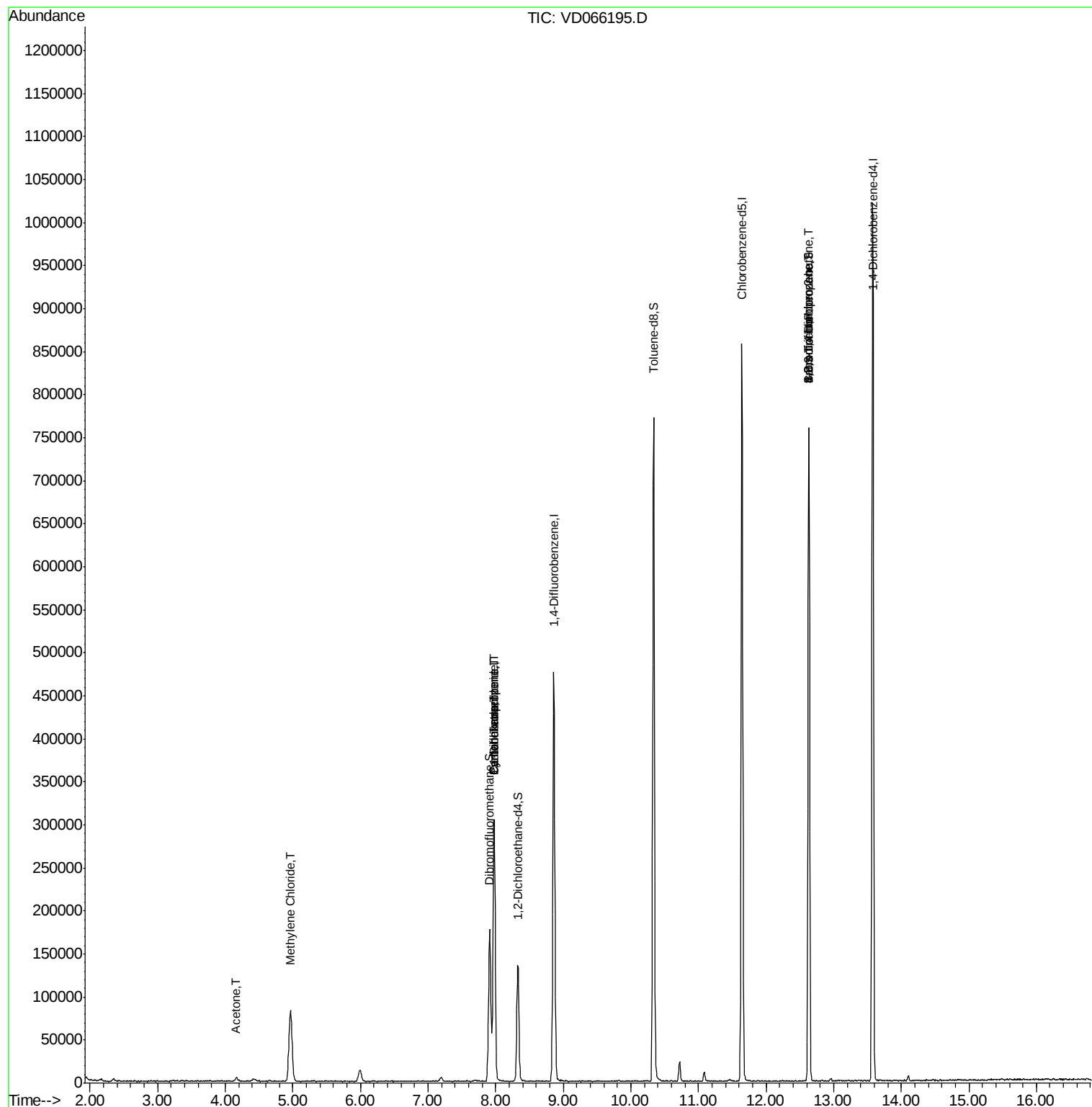
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	58	Below Cal	#	76
16) Acetone	4.16	43	6364	15.287	ug/l	92
20) Methylene Chloride	4.97	84	65354	25.004	ug/l	95
31) Cyclohexane	7.98	56	4752	1.236	ug/l #	16
36) 1,1-Dichloropropene	7.98	75	16805	4.354	ug/l #	48
38) Carbon Tetrachloride	7.97	117	23299	5.413	ug/l #	14
71) Bromoform	12.63	173	2780	1.201	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	121446	51.433	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	121446	113.697	ug/l #	13

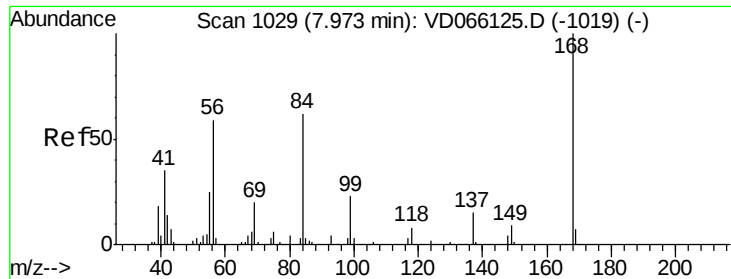
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
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Quant Time: Aug 11 21:01:36 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

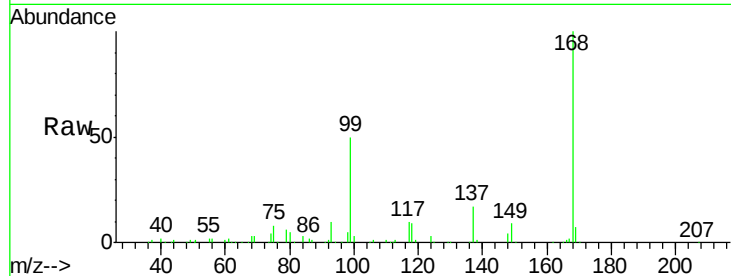




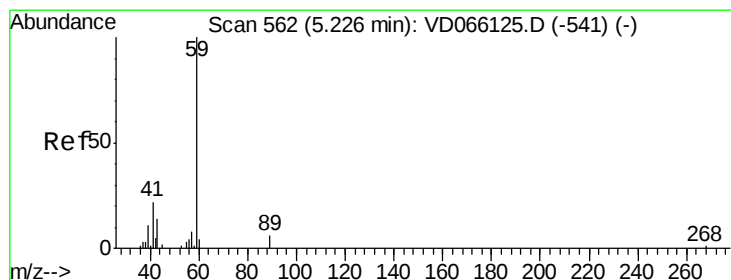
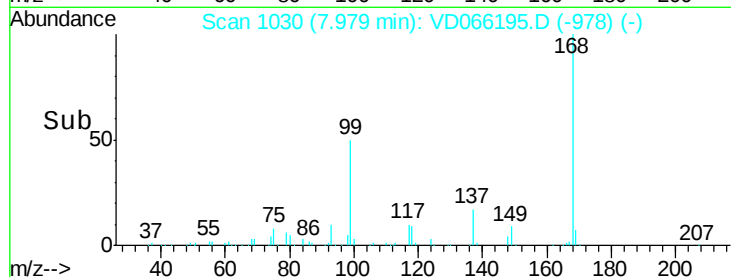
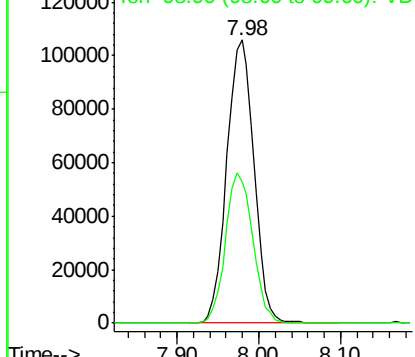
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VD066195.D
Acq: 11 Aug 2020 19:13

Instrument :
MSVOA_D
ClientSampleId :
CS-16

Tgt Ion: 168 Resp: 245928
Ion Ratio Lower Upper
168 100
99 49.8 42.2 63.4

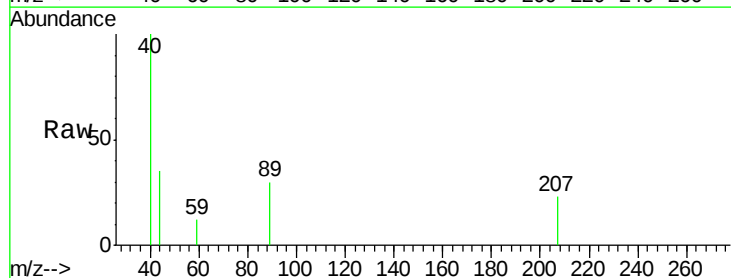


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

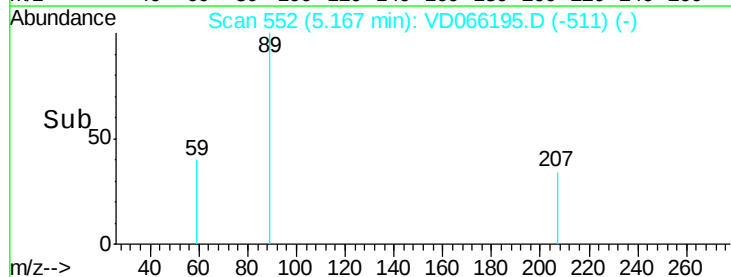
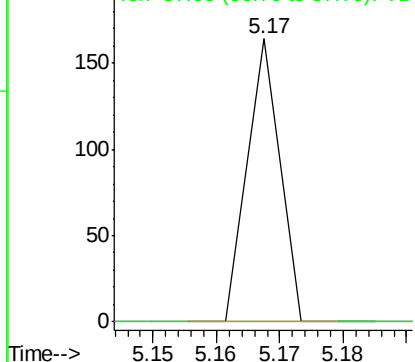


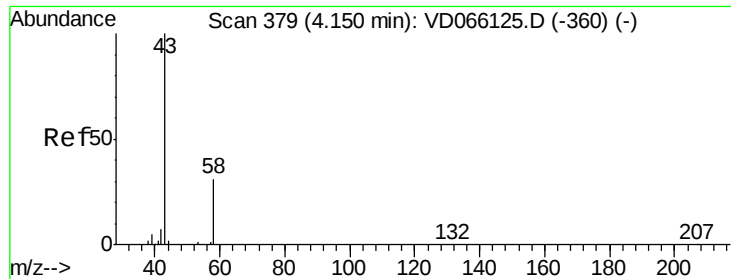
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.17 min Scan# 552
Delta R.T. -0.06 min
Lab File: VD066195.D
Acq: 11 Aug 2020 19:13

Tgt Ion: 59 Resp: 58
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





#16

Acetone

Concen: 15.287 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066195.D

Acq: 11 Aug 2020 19:13

Instrument :

MSVOA_D

ClientSampleId :

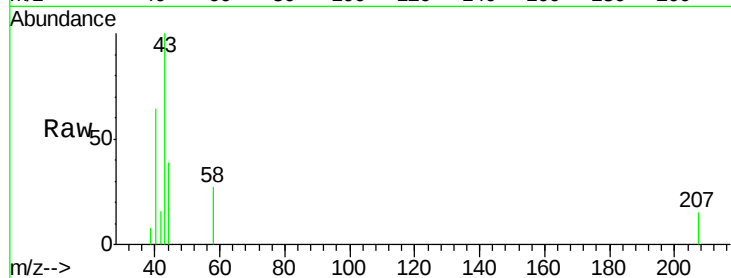
CS-16

Tgt Ion: 43 Resp: 6364

Ion Ratio Lower Upper

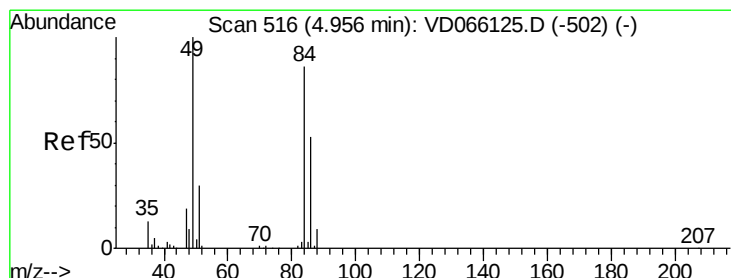
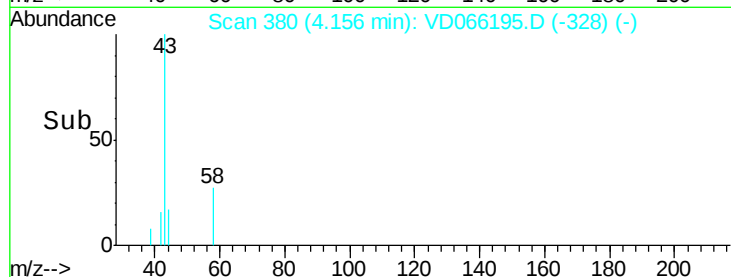
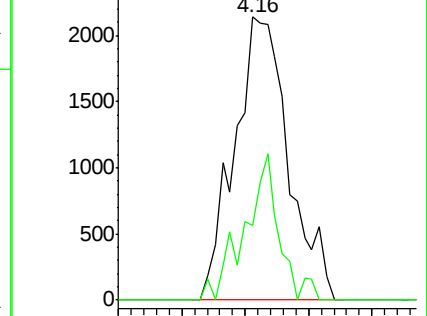
43 100

58 26.5 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: 25.004 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066195.D

Acq: 11 Aug 2020 19:13

Tgt Ion: 84 Resp: 65354

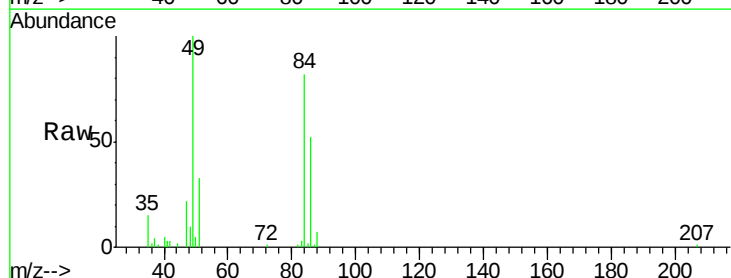
Ion Ratio Lower Upper

84 100

49 122.3 93.5 140.3

51 39.9 28.2 42.4

86 63.9 49.5 74.3

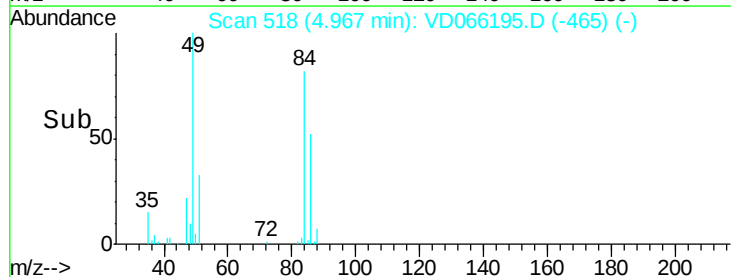
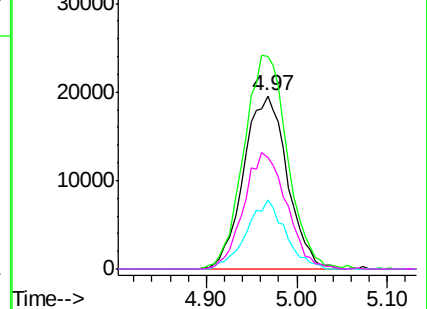


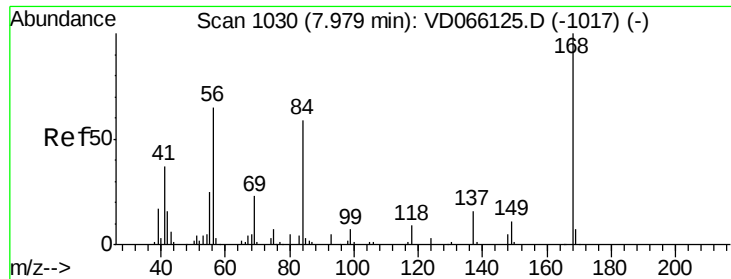
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

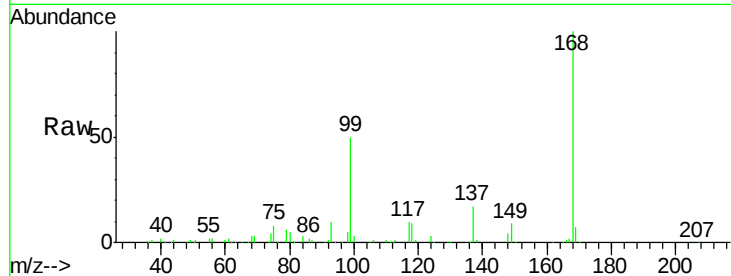




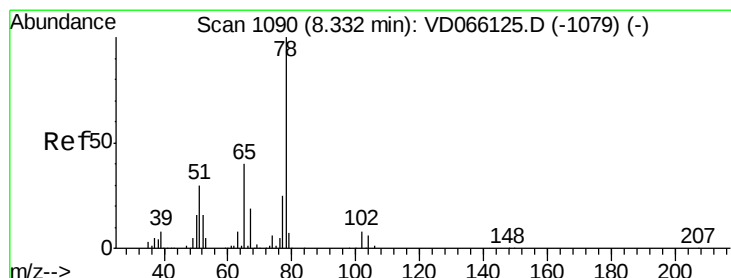
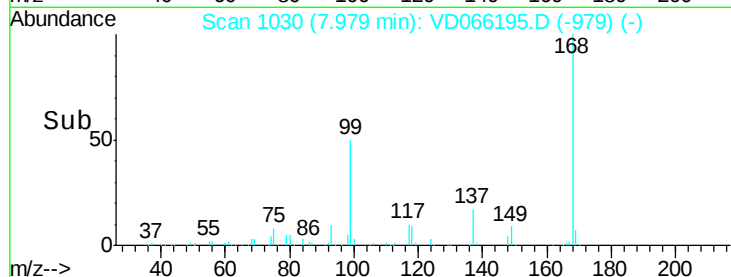
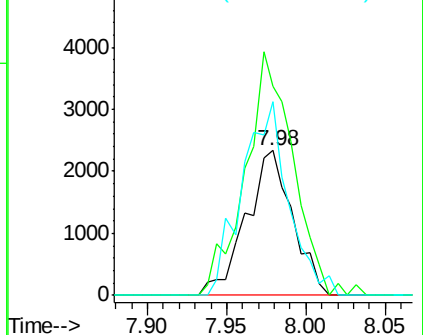
#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066195.D
Acq: 11 Aug 2020 19:13

Instrument :
MSVOA_D
ClientSampleId :
CS-16

Tgt Ion: 56 Resp: 4752
Ion Ratio Lower Upper
56 100
69 144.0 28.8 43.2#
84 134.2 73.0 109.6#

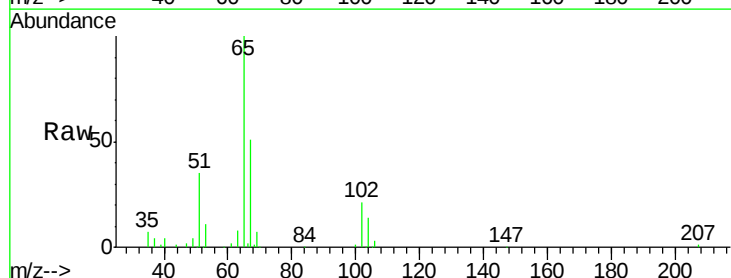


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

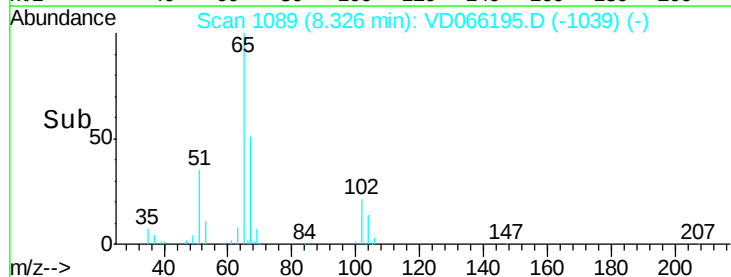
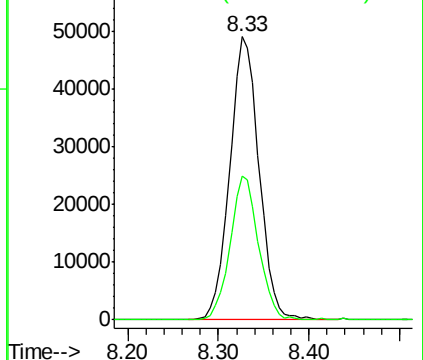


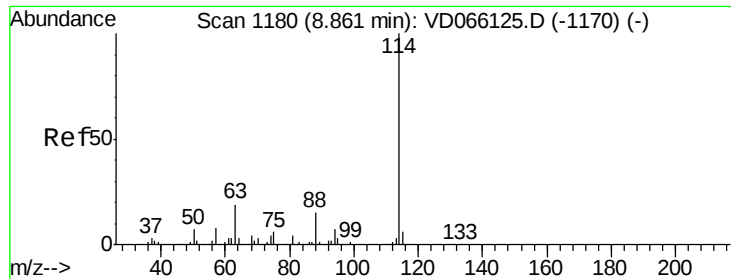
#33
1,2-Dichloroethane-d4
Concen: 50.042 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066195.D
Acq: 11 Aug 2020 19:13

Tgt Ion: 65 Resp: 109794
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.6



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

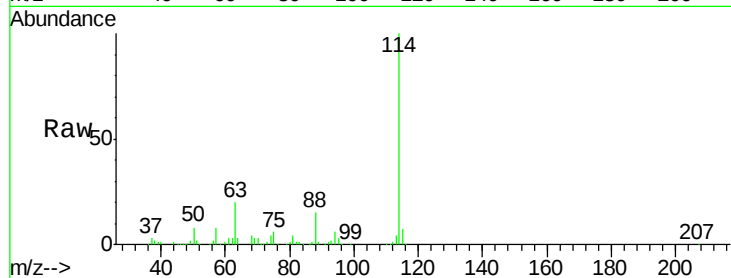




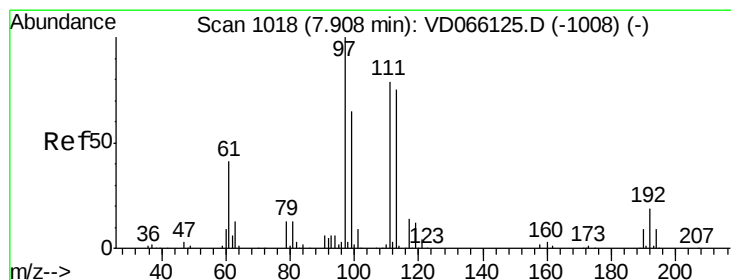
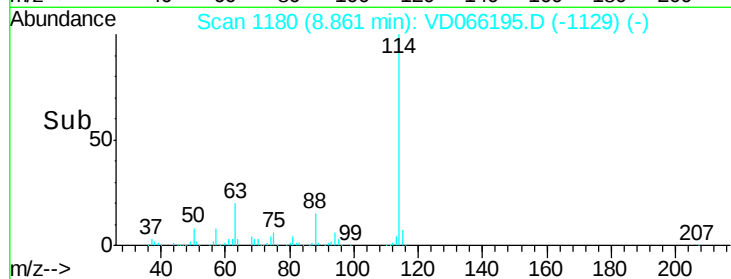
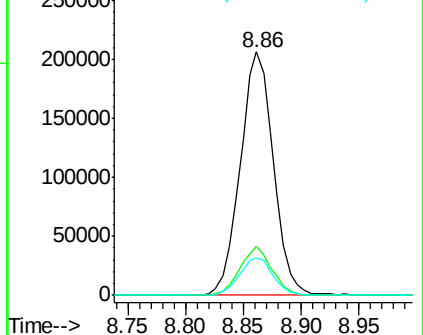
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066195.D
 Acq: 11 Aug 2020 19:13

Instrument :
 MSVOA_D
 ClientSampled :
 CS-16

Tgt Ion:114 Resp: 410734
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.6
 88 15.4 0.0 30.0

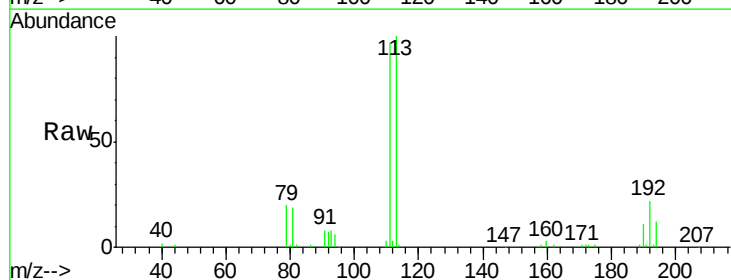


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

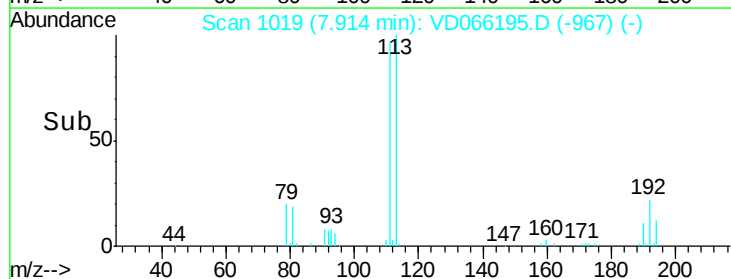
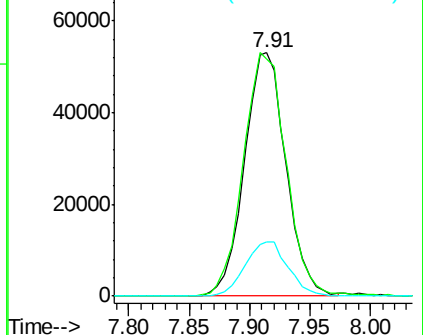


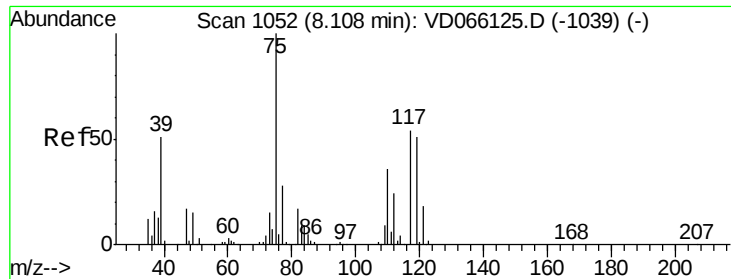
#35
 Dibromofluoromethane
 Concen: 48.871 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066195.D
 Acq: 11 Aug 2020 19:13

Tgt Ion:113 Resp: 127160
 Ion Ratio Lower Upper
 113 100
 111 103.4 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

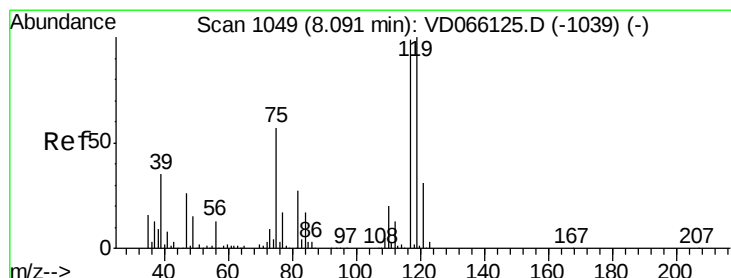
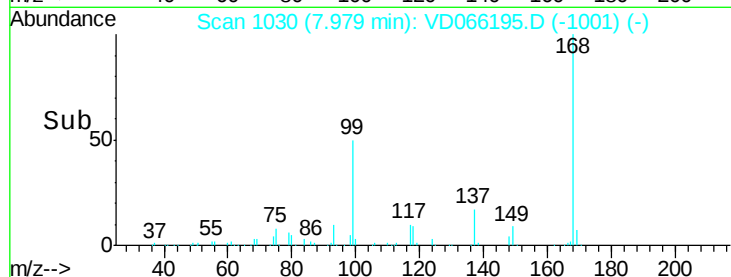
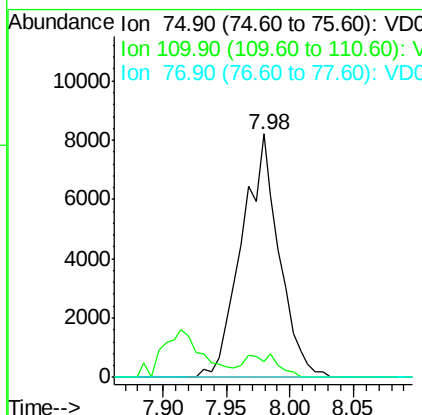
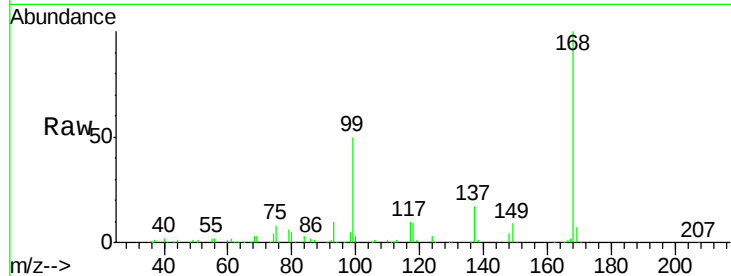




#36
 1,1-Dichloropropene
 Concen: 4.354 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066195.D
 Acq: 11 Aug 2020 19:13

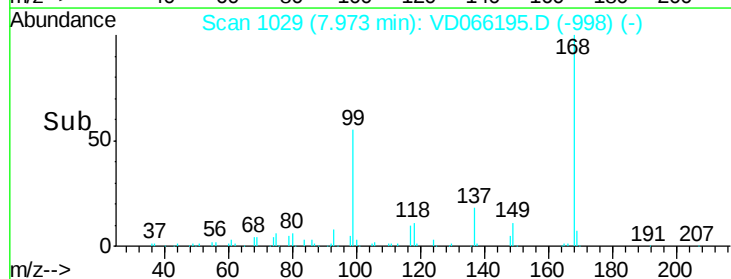
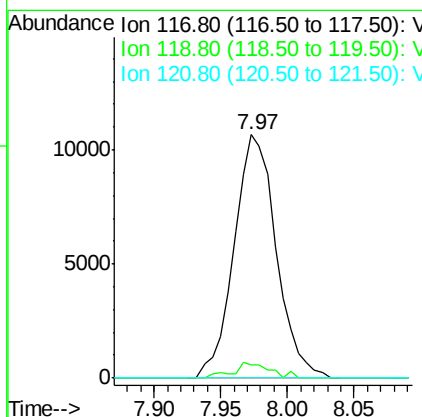
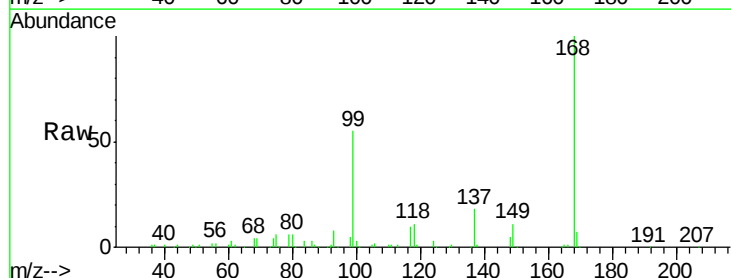
Instrument :
 MSVOA_D
 ClientSampleID :
 CS-16

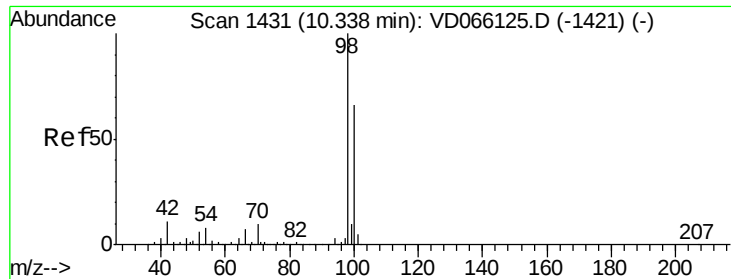
Tgt Ion: 75 Resp: 16805
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.8 56.3#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 5.413 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.12 min
 Lab File: VD066195.D
 Acq: 11 Aug 2020 19:13

Tgt Ion: 117 Resp: 23299
 Ion Ratio Lower Upper
 117 100
 119 5.2 81.0 121.4#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 54.224 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066195.D

Acq: 11 Aug 2020 19:13

Instrument :

MSVOA_D

ClientSampleId :

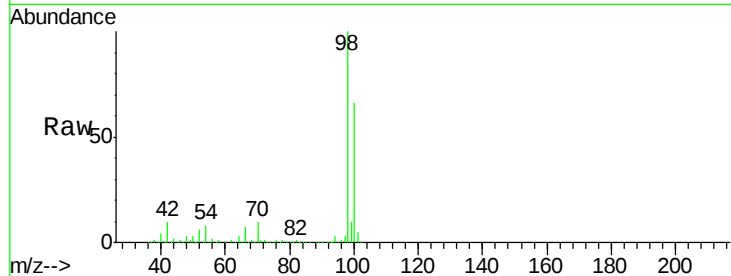
CS-16

Tgt Ion: 98 Resp: 520650

Ion Ratio Lower Upper

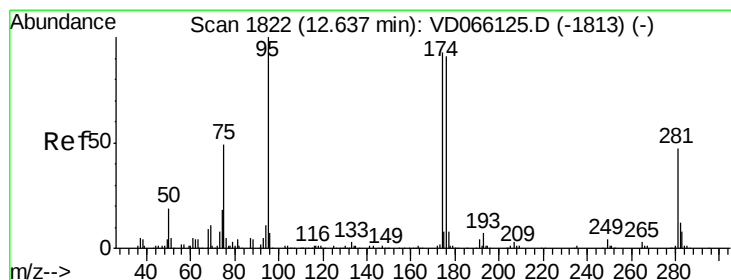
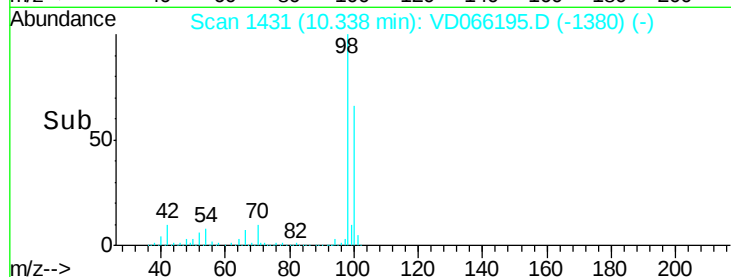
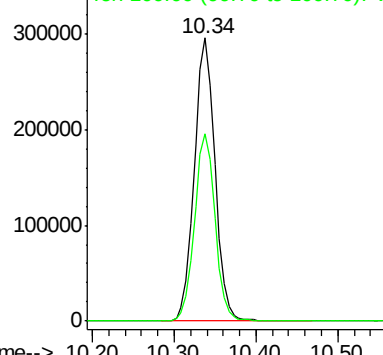
98 100

100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 70.080 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066195.D

Acq: 11 Aug 2020 19:13

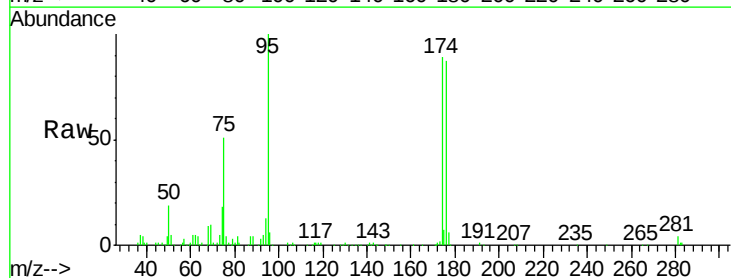
Tgt Ion: 95 Resp: 242552

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.8

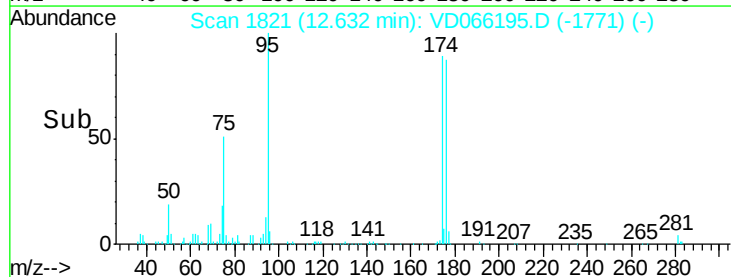
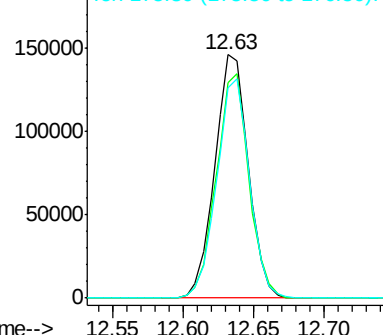
176 88.7 0.0 181.2

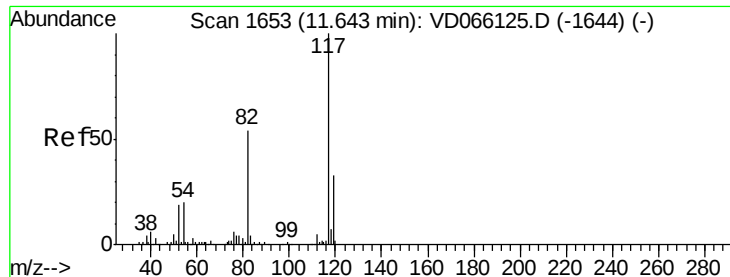


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

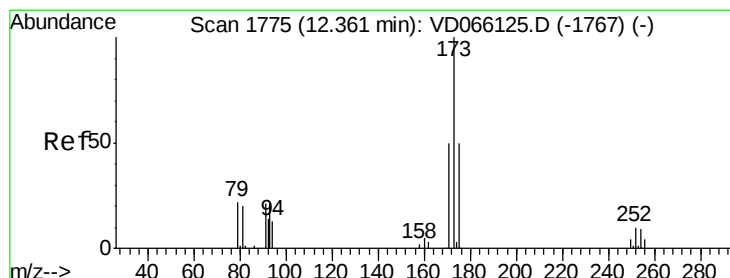
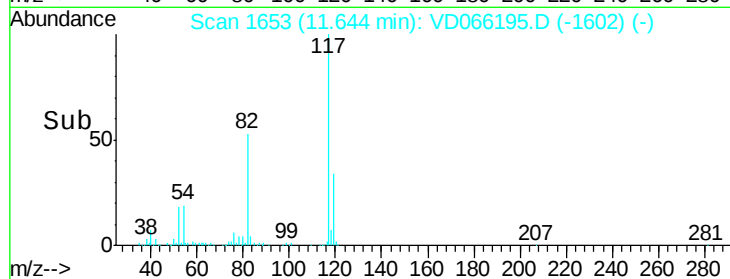
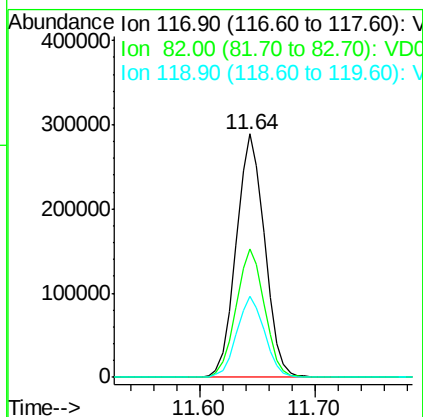
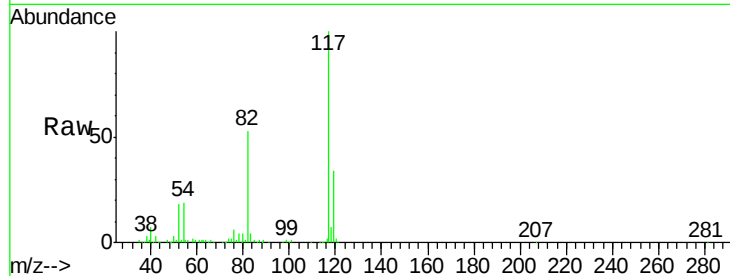




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066195.D
Acq: 11 Aug 2020 19:13

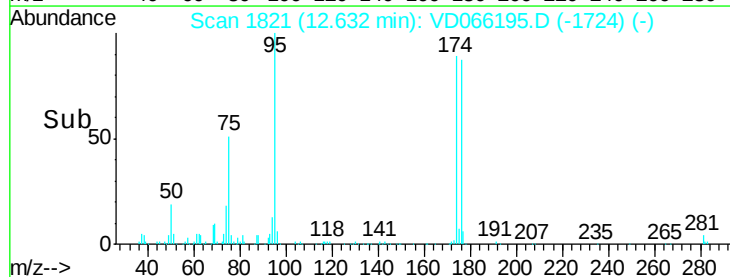
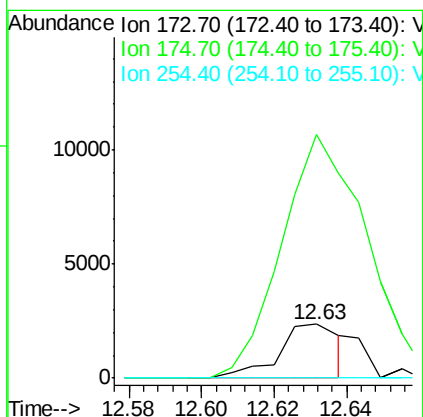
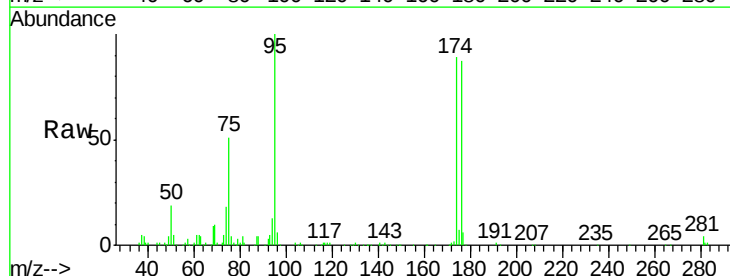
Instrument :
MSVOA_D
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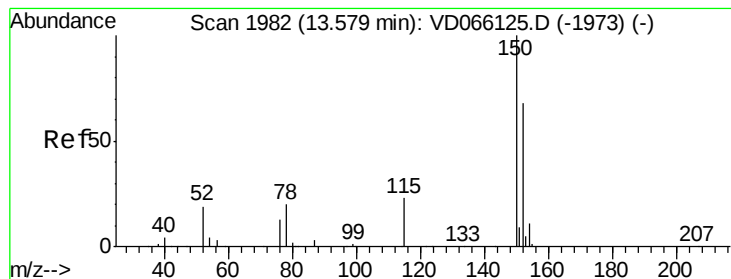
Tgt Ion:117 Resp: 491871
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 33.5 26.1 39.1



#71
Bromoform
Concen: 1.201 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.27 min
Lab File: VD066195.D
Acq: 11 Aug 2020 19:13

Tgt Ion:173 Resp: 2780
Ion Ratio Lower Upper
173 100
175 440.5 24.6 73.6#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066195.D

Acq: 11 Aug 2020 19:13

Instrument :

MSVOA_D

ClientSampleId :

CS-16

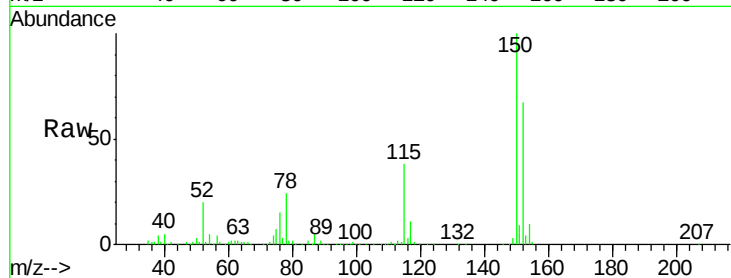
Tgt Ion:152 Resp: 283145

Ion Ratio Lower Upper

152 100

115 56.4 28.0 83.9

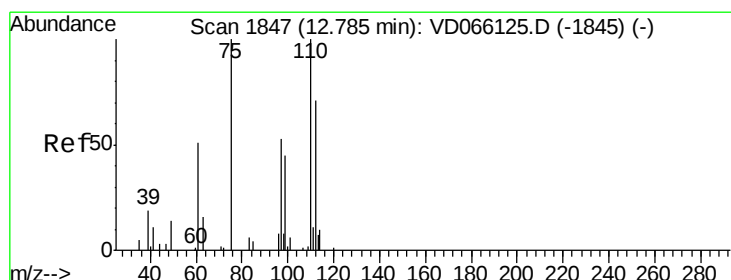
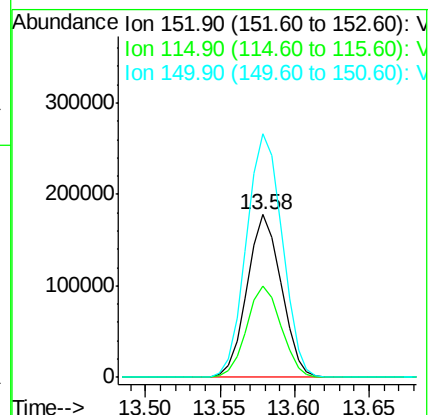
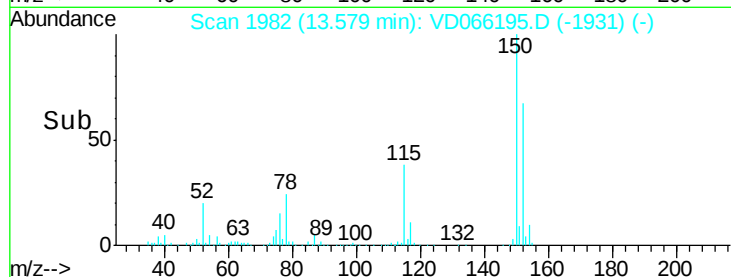
150 156.4 0.0 346.4



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: 51.433 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066195.D

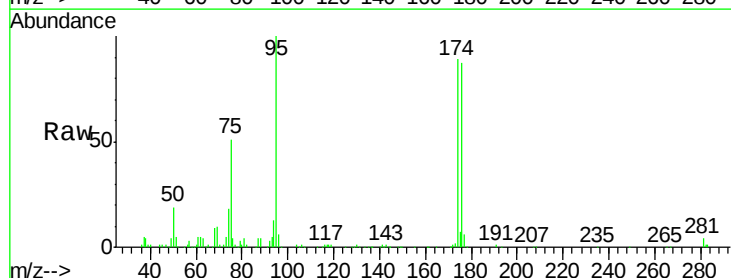
Acq: 11 Aug 2020 19:13

Tgt Ion: 75 Resp: 121446

Ion Ratio Lower Upper

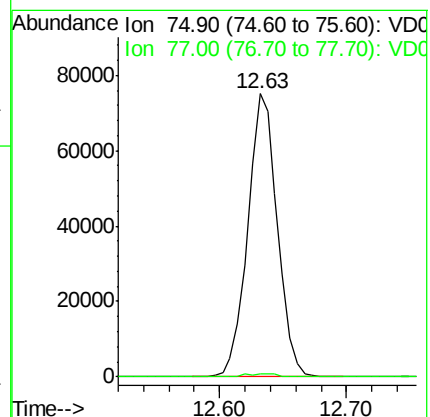
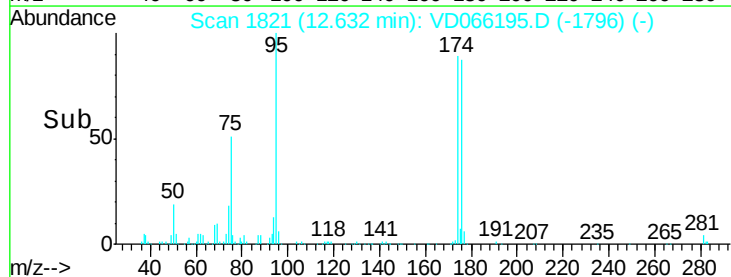
75 100

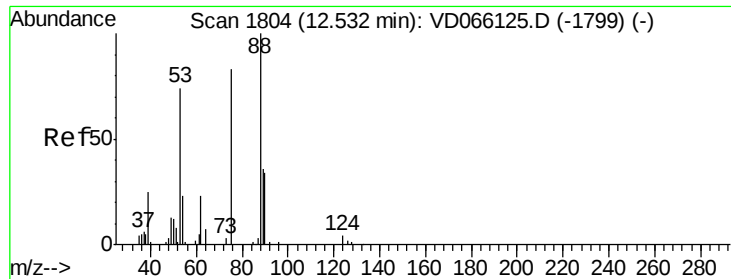
77 1.2 0.0 0.0#



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: 113.697 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066195.D

Acq: 11 Aug 2020 19:13

Instrument :

MSVOA_D

ClientSampleId :

CS-16

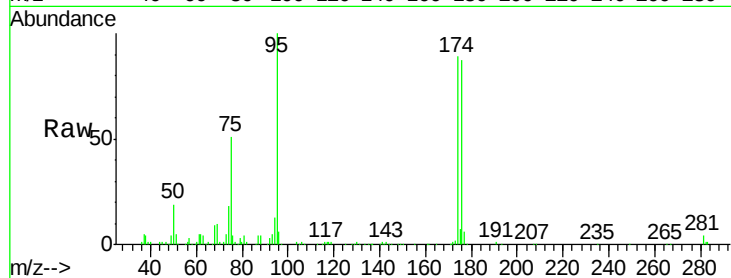
Tgt Ion: 75 Resp: 121446

Ion Ratio Lower Upper

75 100

53 0.1 73.4 110.2#

89 0.0 36.6 55.0#



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

