

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066281.D
 Acq On : 18 Aug 2020 16:42
 Operator : VA/SY
 Sample : L3717-01
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB179-GW-738-740

Quant Time: Aug 19 06:41:40 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	7.97	168	149543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	229863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	203917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	84500	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	78493	58.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.66%	
35) Dibromofluoromethane	7.91	113	76253	52.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.74%	
50) Toluene-d8	10.34	98	238000	44.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.58%	
62) 4-Bromofluorobenzene	12.63	95	80510	41.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.14%	

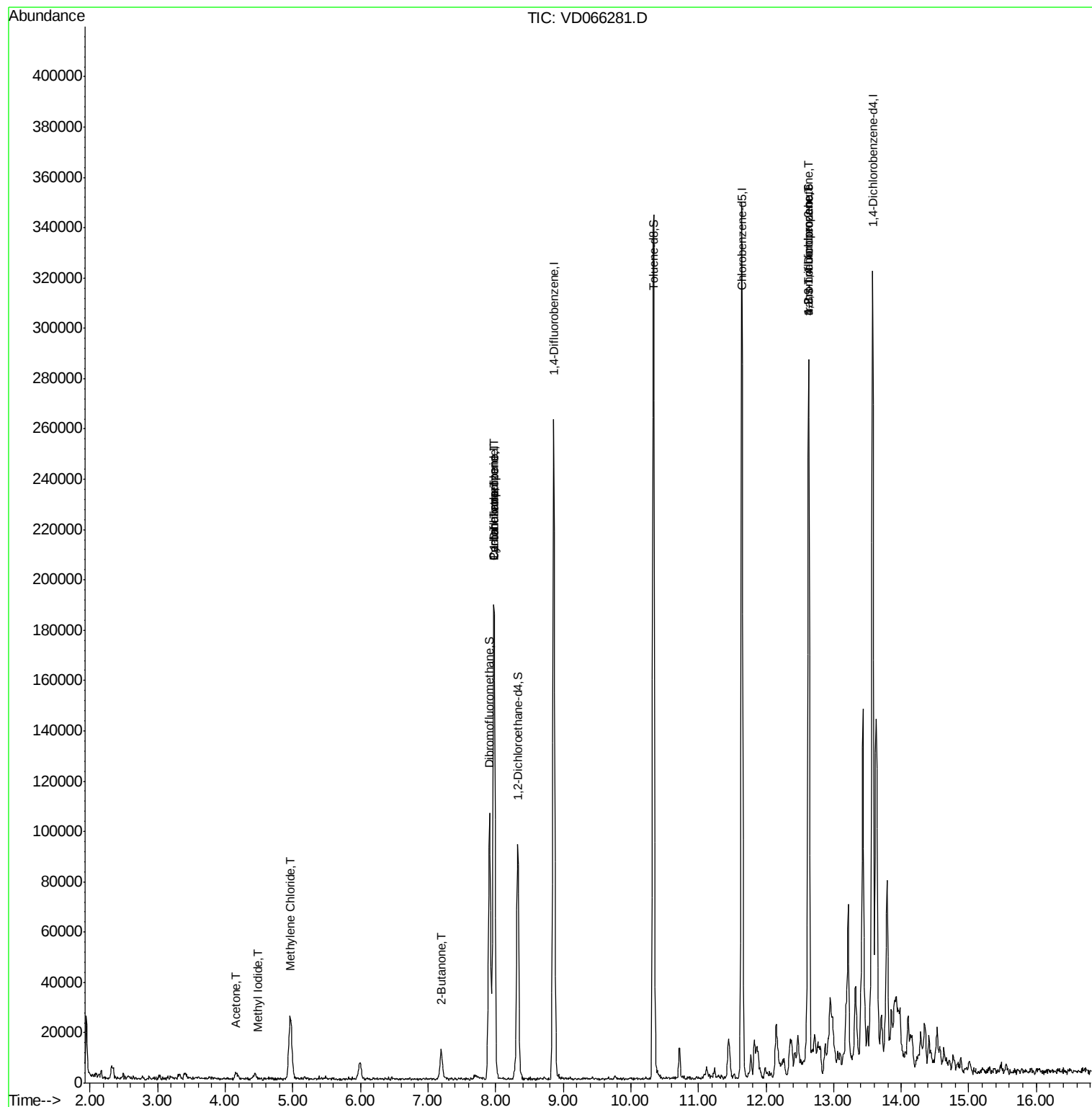
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.49	142	74	6.761	ug/l #	39
11) Tert butyl alcohol	5.24	59	68	Below Cal	#	76
16) Acetone	4.16	43	4891	19.321	ug/l	96
20) Methylene Chloride	4.96	84	19536	9.676	ug/l	95
25) 2-Butanone	7.19	43	664	1.783	ug/l #	47
31) Cyclohexane	7.98	56	2755	1.179	ug/l #	26
36) 1,1-Dichloropropene	7.97	75	10392	4.811	ug/l #	48
38) Carbon Tetrachloride	7.97	117	14254	5.918	ug/l #	13
76) 1,2,3-Trichloropropane	12.63	75	39812	56.497	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	39812	124.891	ug/l #	13

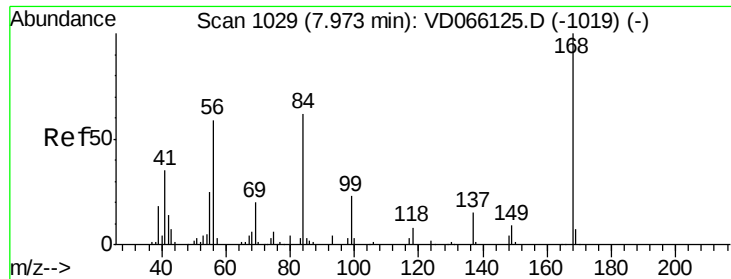
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
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ALS Vial : 12 Sample Multiplier: 1

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BP-VPB179-GW-738-740

Quant Time: Aug 19 06:41:40 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: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

Instrument :

MSVOA_D

ClientSampleId :

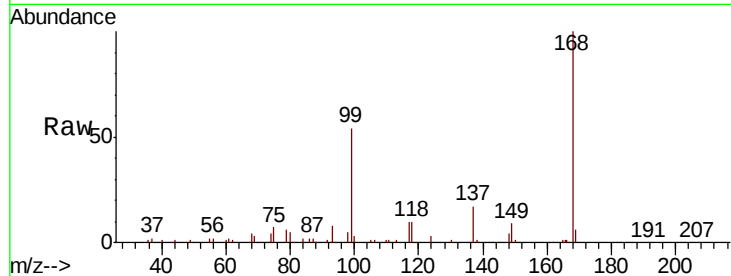
BP-VPB179-GW-738-740

Tot Ion:168 Resp: 149543

Ion Ratio Lower Upper

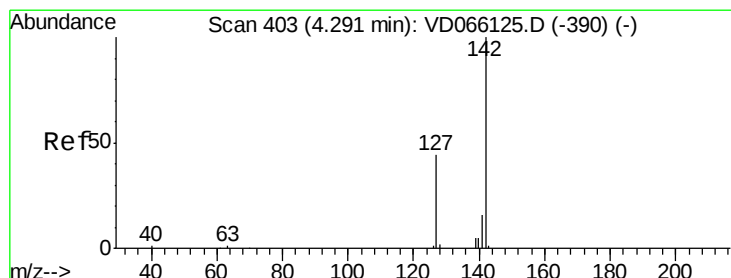
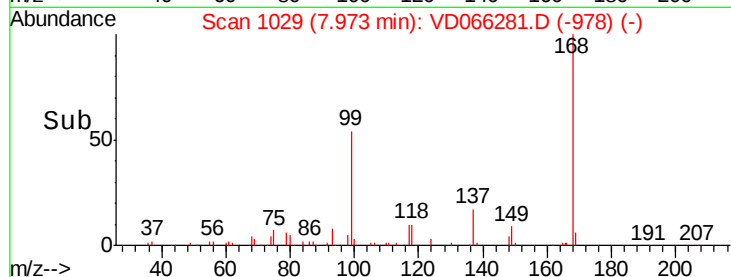
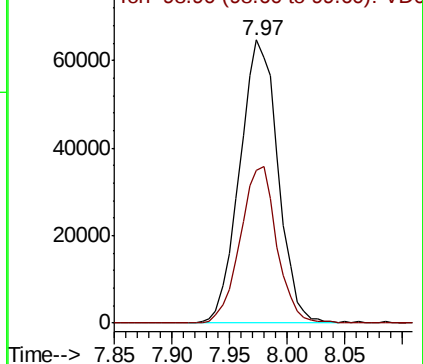
168 100

99 53.8 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V



#10

Methyl Iodide

Concen: 6.761 ug/l

RT: 4.49 min Scan# 436

Delta R.T. 0.20 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

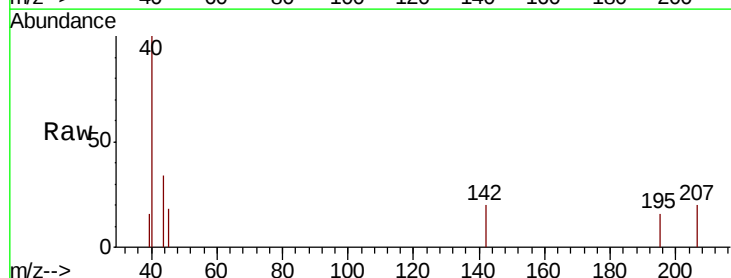
Tgt Ion:142 Resp: 74

Ion Ratio Lower Upper

142 100

127 0.0 36.2 54.4#

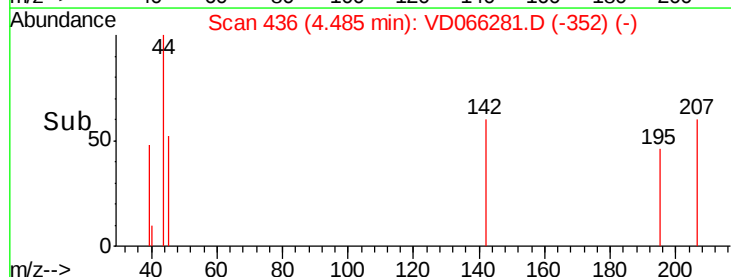
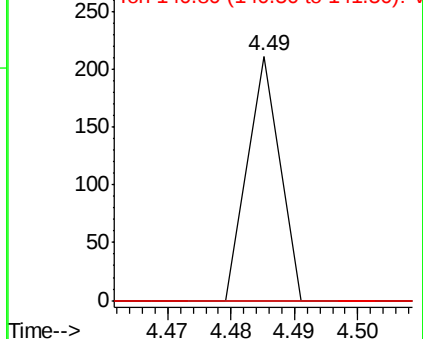
141 0.0 12.6 18.8#

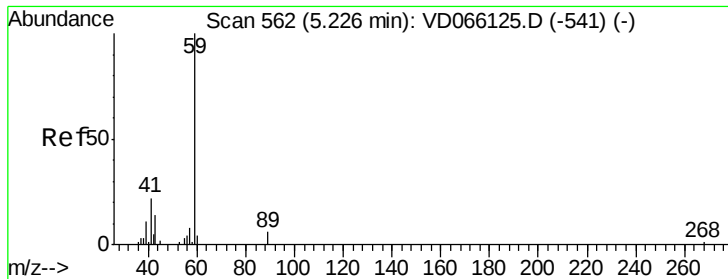


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



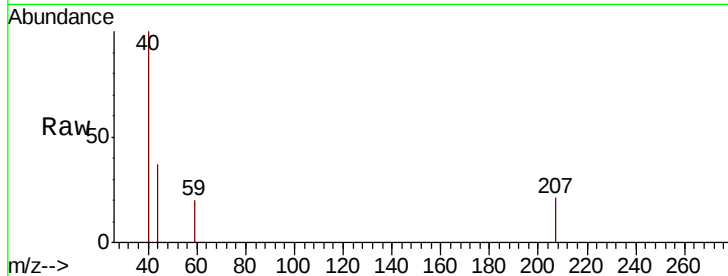


#11

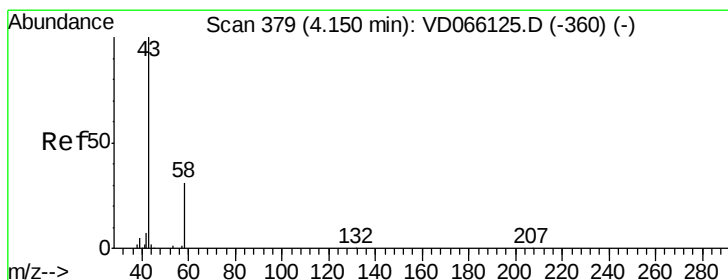
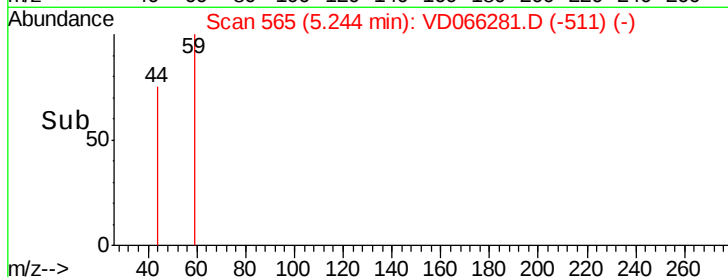
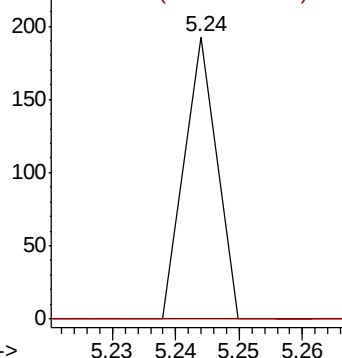
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.24 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: VD066281.D
 Acq: 18 Aug 2020 16:42

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB179-GW-738-740

Tot Ion: 59 Resp: 68
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#



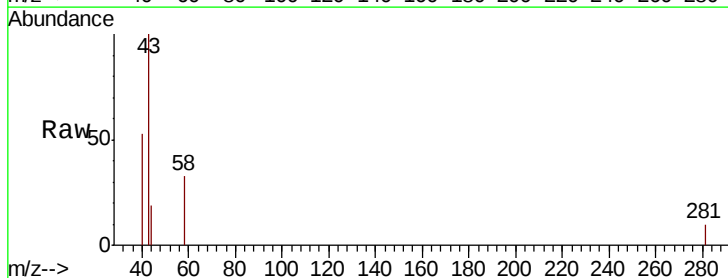
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



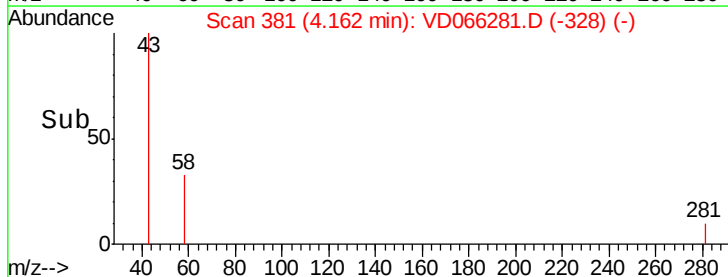
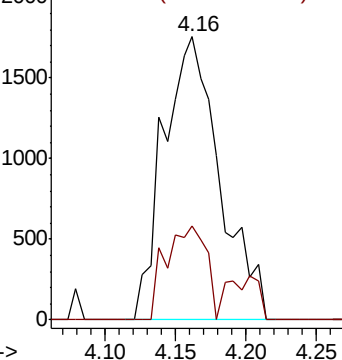
#16

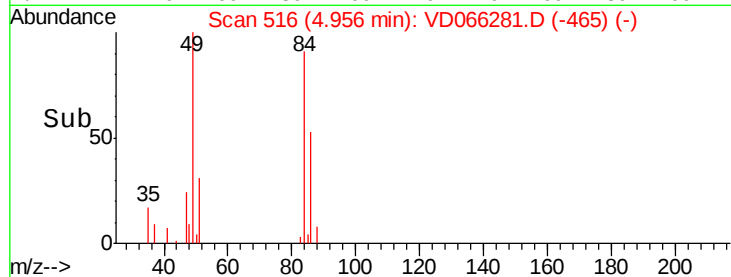
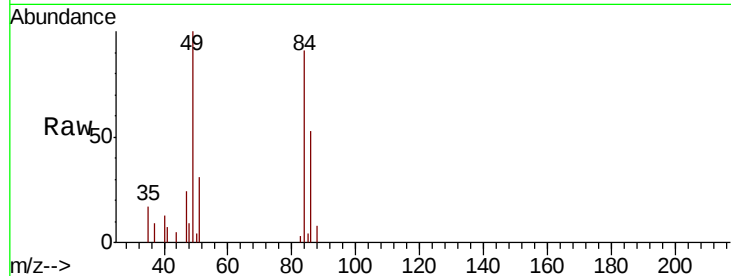
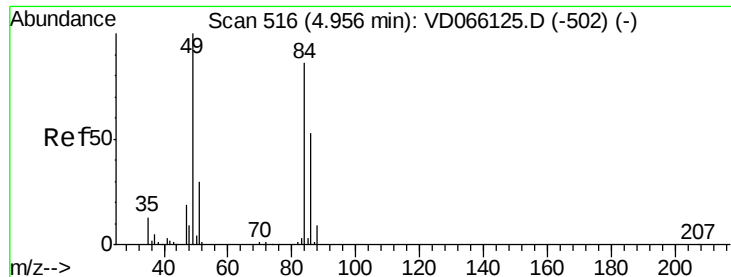
Acetone
 Concen: 19.321 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066281.D
 Acq: 18 Aug 2020 16:42

Tgt Ion: 43 Resp: 4891
 Ion Ratio Lower Upper
 43 100
 58 33.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

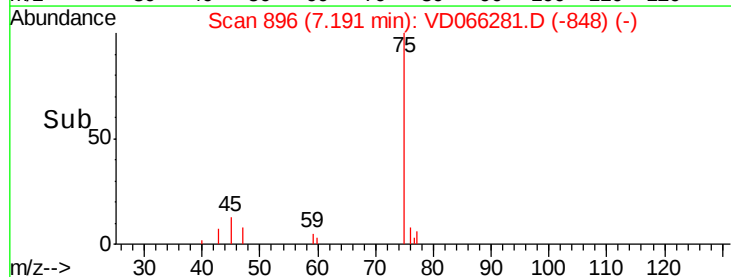
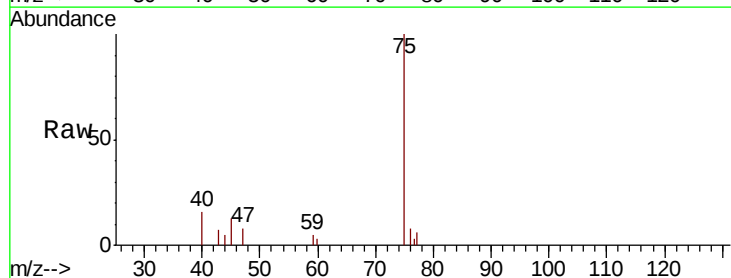
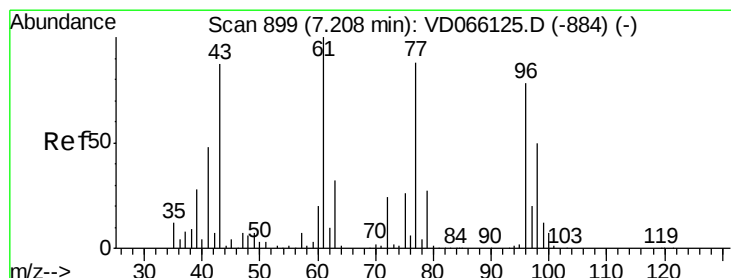
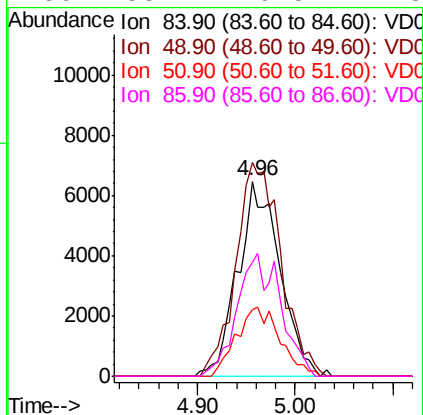




#20
Methvlene Chloride
Concen: 9.676 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066281.D
Acq: 18 Aug 2020 16:42

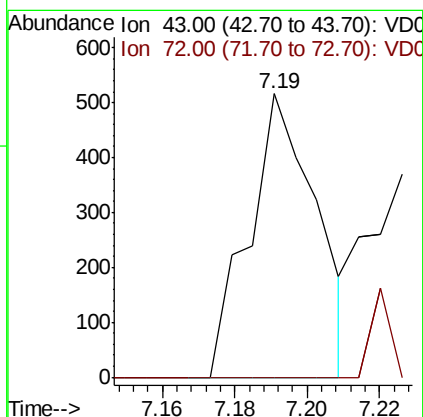
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB179-GW-738-740

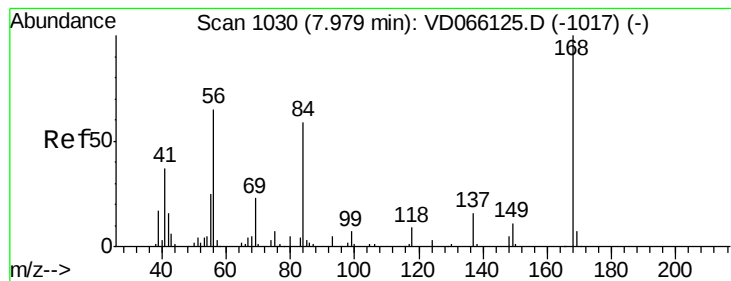
Tot Ion:	84	Resp:	19536
Ion	Ratio	Lower	Upper
84	100		
49	109.7	93.5	140.3
51	34.1	28.2	42.4
86	58.2	49.5	74.3



#25
2-Butanone
Concen: 1.783 ug/l
RT: 7.19 min Scan# 896
Delta R.T. -0.02 min
Lab File: VD066281.D
Acq: 18 Aug 2020 16:42

Tgt Ion:	43	Resp:	664
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#





#31

Cyclohexane

Concen: 1.179 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB179-GW-738-740

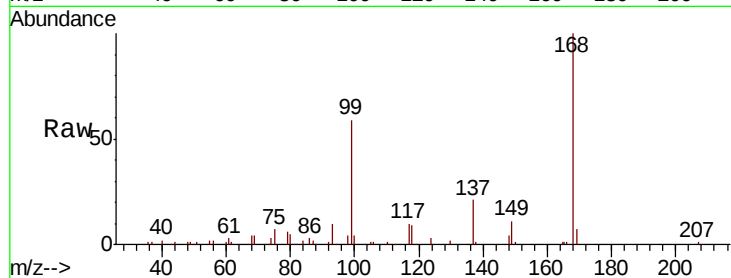
Tot Ion: 56 Resp: 2755

Ion Ratio Lower Upper

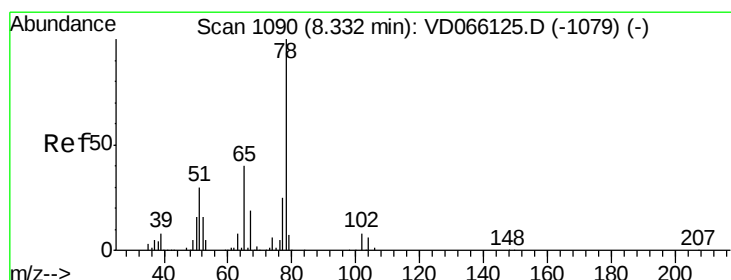
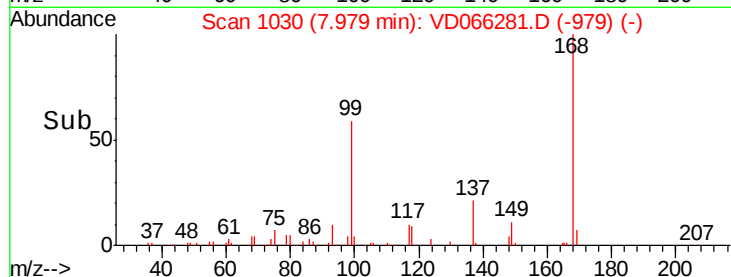
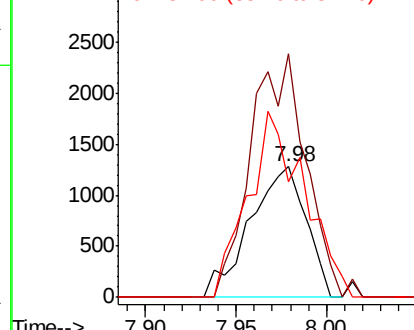
56 100

69 186.4 28.8 43.2#

84 88.9 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: 58.834 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066281.D

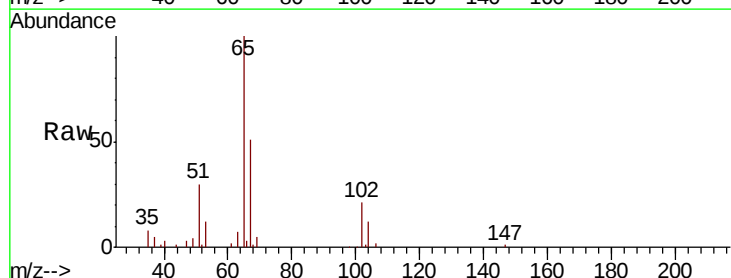
Acq: 18 Aug 2020 16:42

Tgt Ion: 65 Resp: 78493

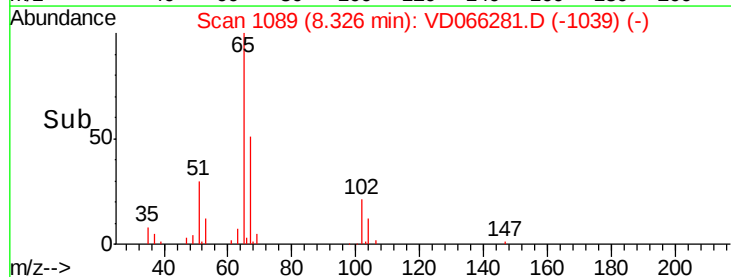
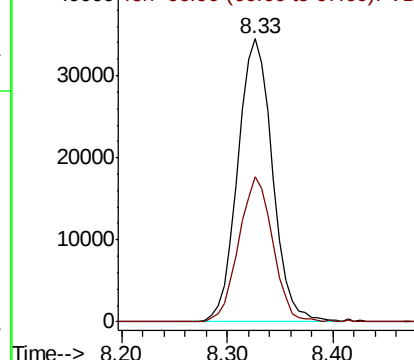
Ion Ratio Lower Upper

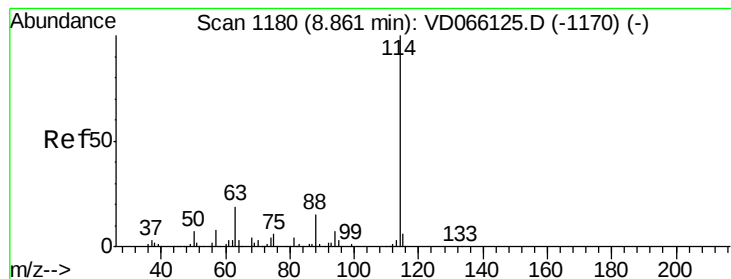
65 100

67 50.2 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: VD066281.D

Acq: 18 Aug 2020 16:42

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB179-GW-738-740

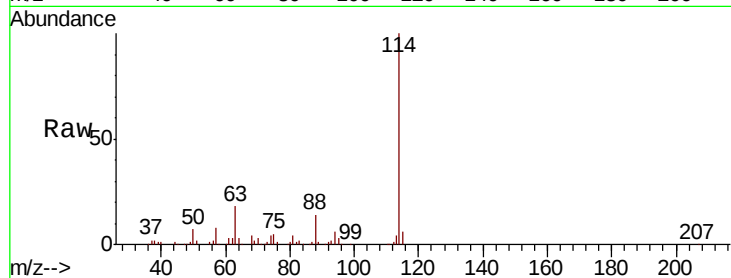
Tot Ion:114 Resp: 229863

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.6

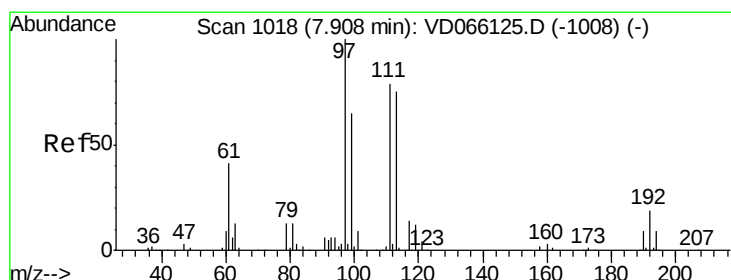
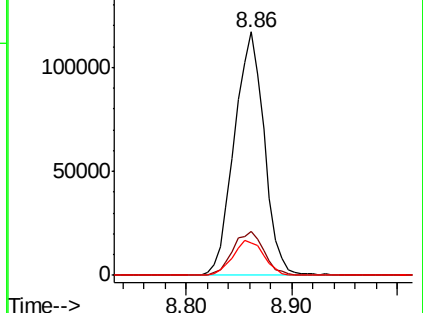
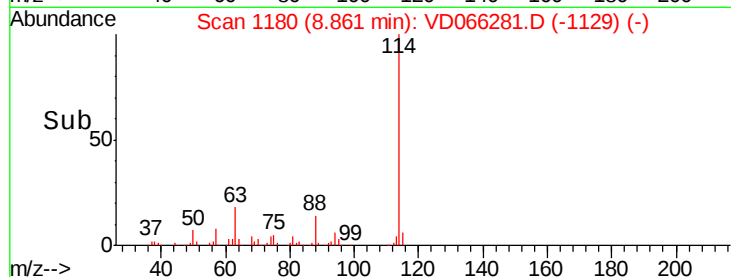
88 13.6 0.0 30.0



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: 52.366 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

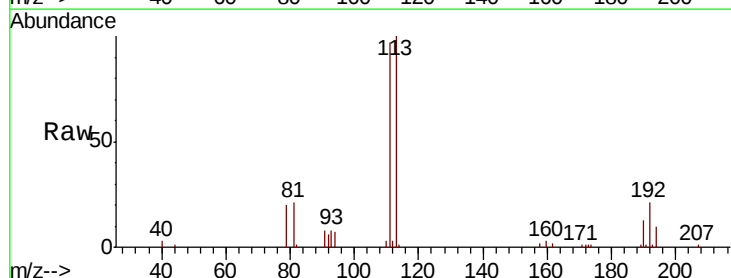
Tgt Ion:113 Resp: 76253

Ion Ratio Lower Upper

113 100

111 98.3 80.7 121.1

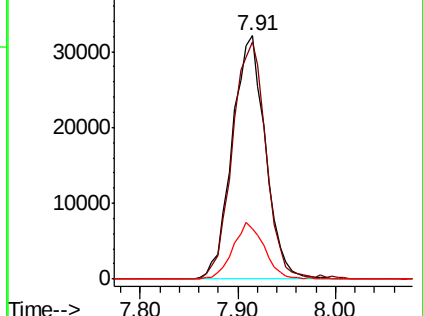
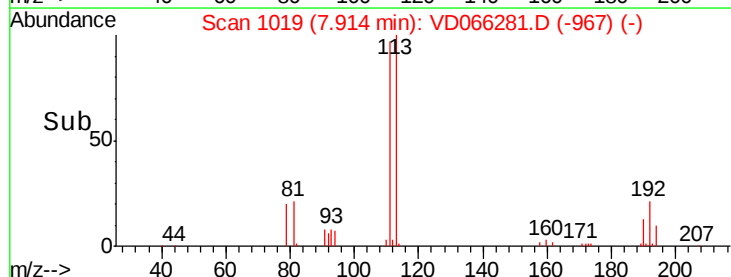
192 21.9 18.4 27.6

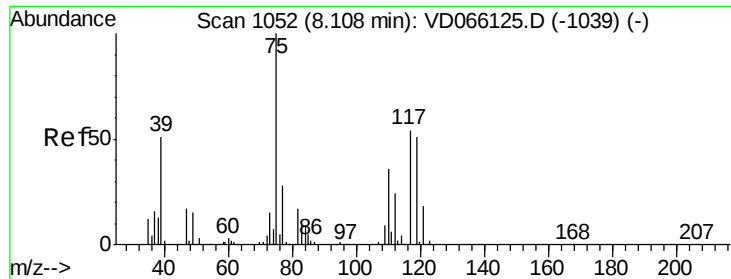


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

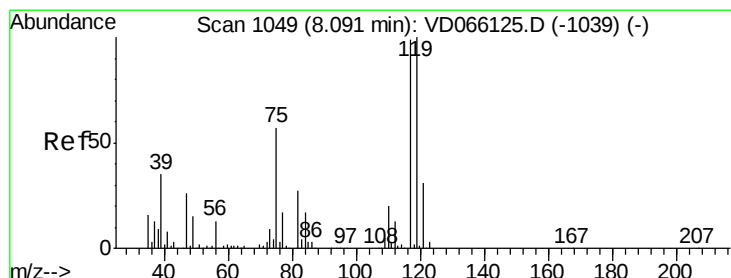
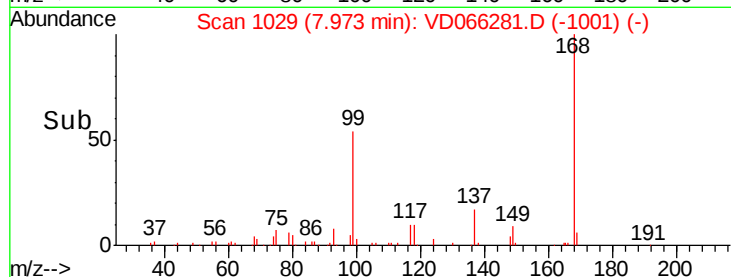
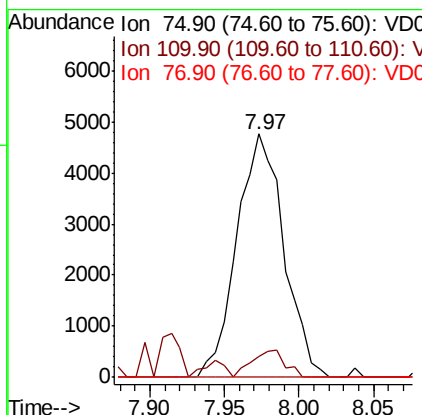
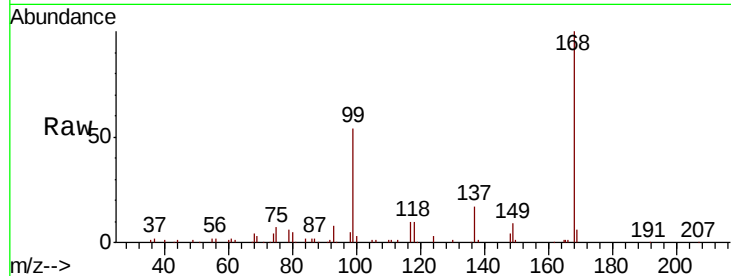




#36
 1,1-Dichloropropene
 Concen: 4.811 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066281.D
 Acq: 18 Aug 2020 16:42

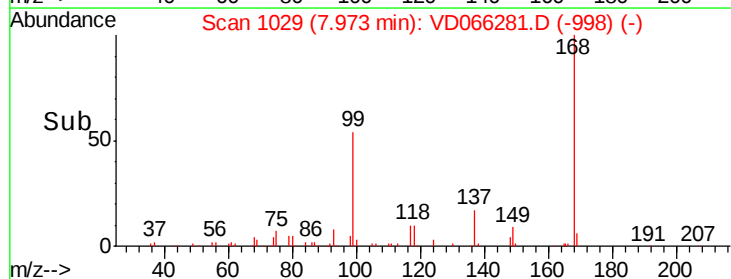
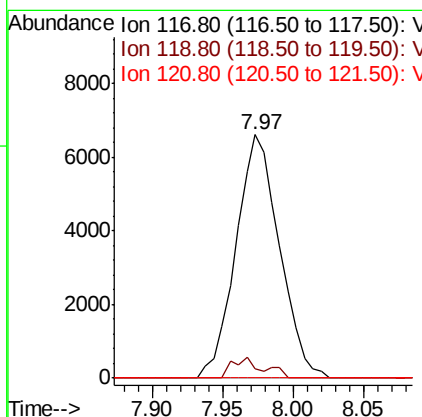
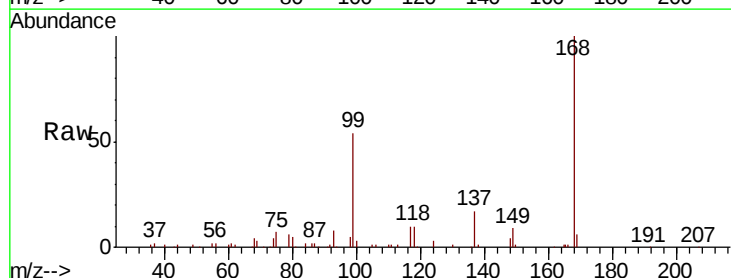
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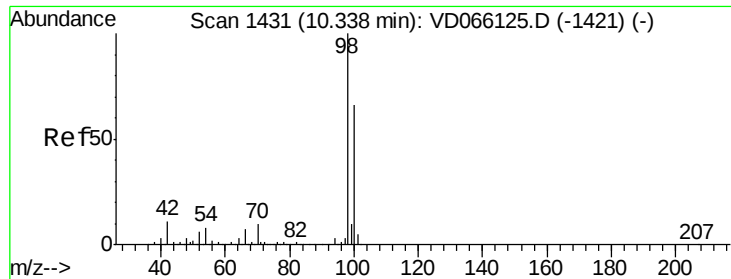
Tot Ion	75	Resp	10392
Ion Ratio	Lower	Upper	
75	100		
110	7.9	18.8	56.3#
77	0.0	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 5.918 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.12 min
 Lab File: VD066281.D
 Acq: 18 Aug 2020 16:42

Tgt Ion	117	Resp	14254
Ion Ratio	Lower	Upper	
117	100		
119	3.8	81.0	121.4#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 44.291 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

Instrument :

MSVOA_D

ClientSampleId :

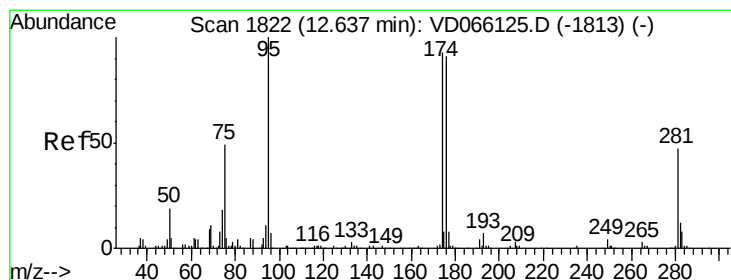
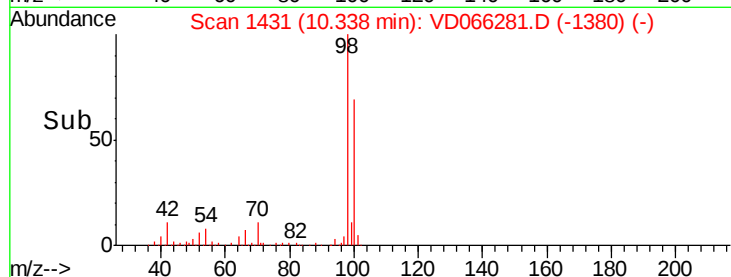
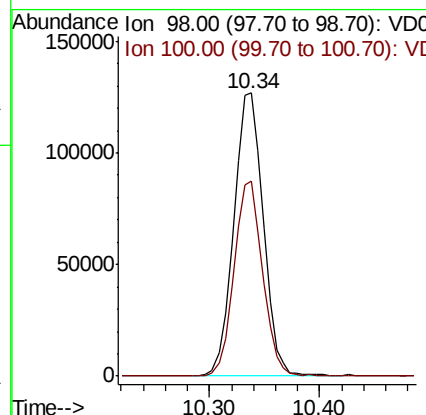
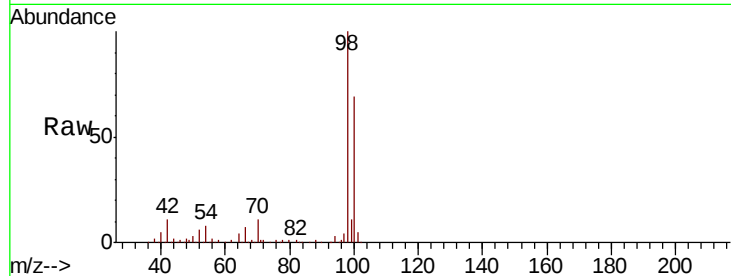
BP-VPB179-GW-738-740

Tot Ion: 98 Resp: 238000

Ion Ratio Lower Upper

98 100

100 66.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 41.565 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

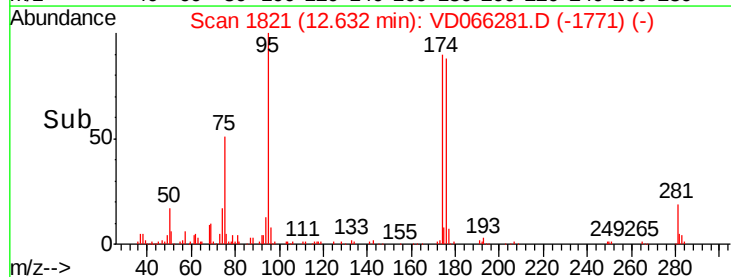
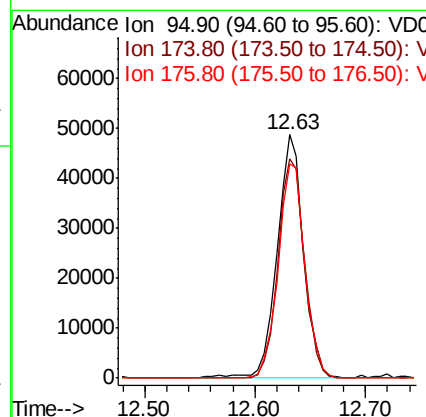
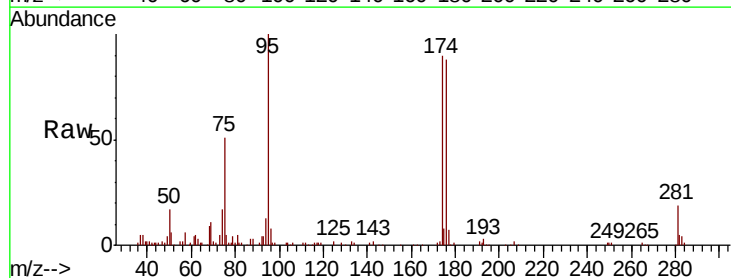
Tgt Ion: 95 Resp: 80510

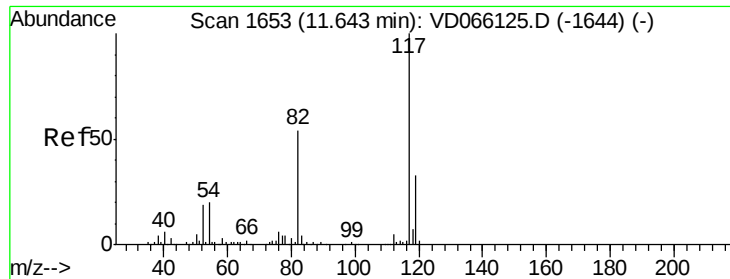
Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.8

176 89.0 0.0 181.2

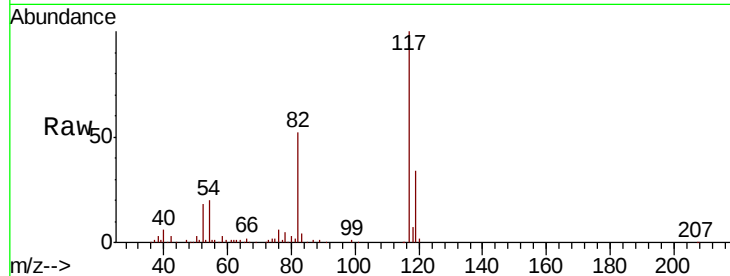




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066281.D
Acq: 18 Aug 2020 16:42

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB179-GW-738-740

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.0	64.4
119	34.0	26.1	39.1

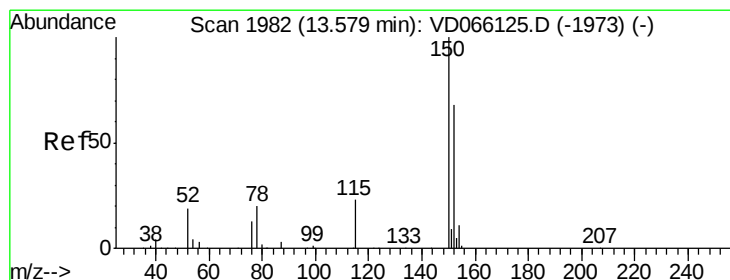
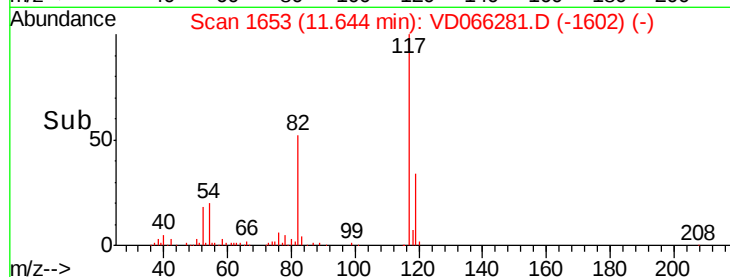
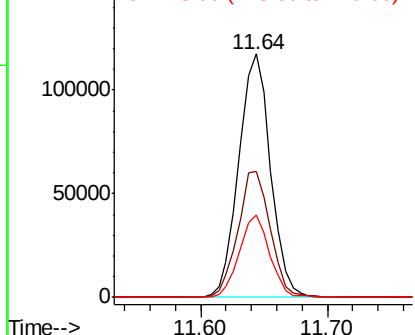


Abundance

Ion 116.90 (116.60 to 117.60): V

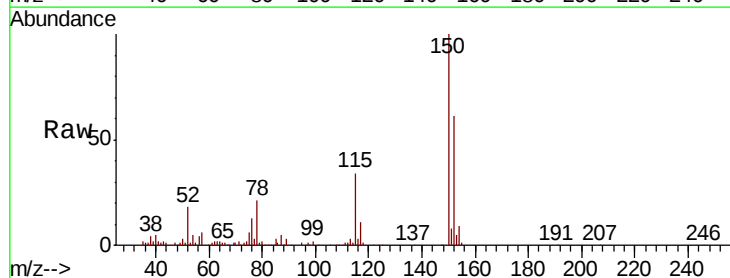
Ion 82.00 (81.70 to 82.70): V

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: VD066281.D
Acq: 18 Aug 2020 16:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.0	83.9
150	161.4	0.0	346.4

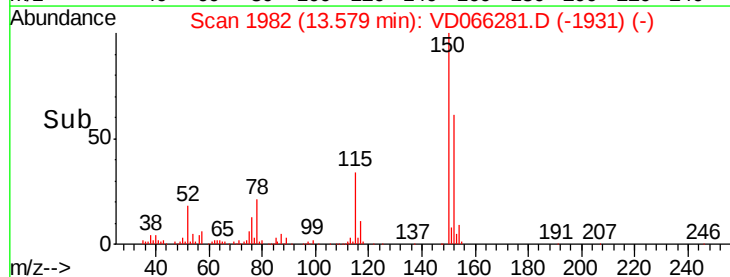
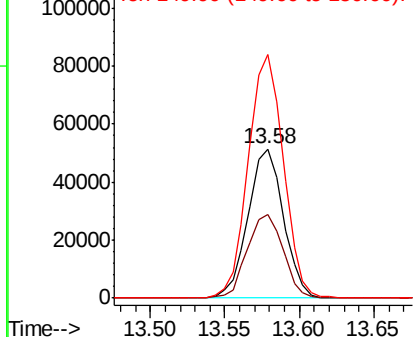


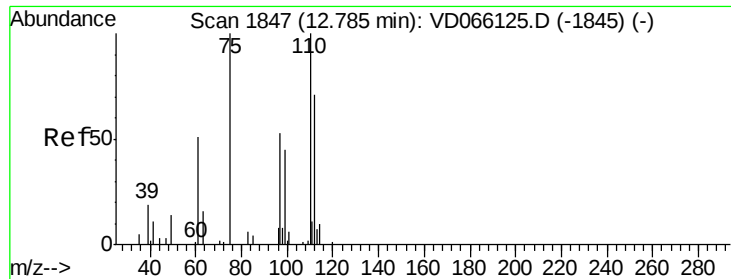
Abundance

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: 56.497 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

Instrument :

MSVOA_D

ClientSampleId :

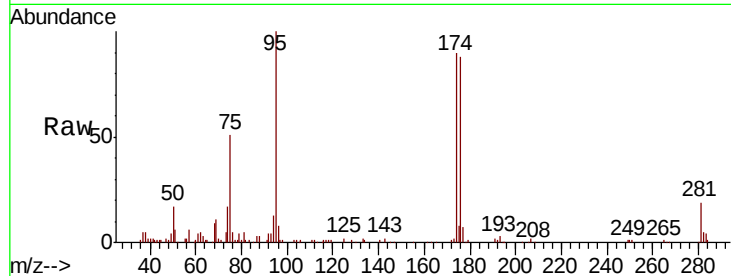
BP-VPB179-GW-738-740

Tot Ion: 75 Resp: 39812

Ion Ratio Lower Upper

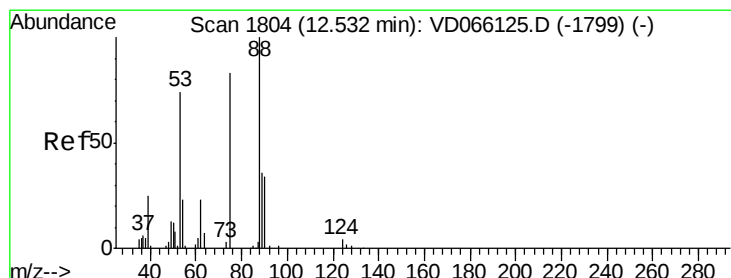
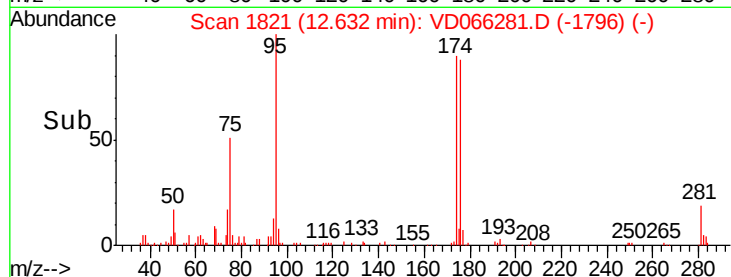
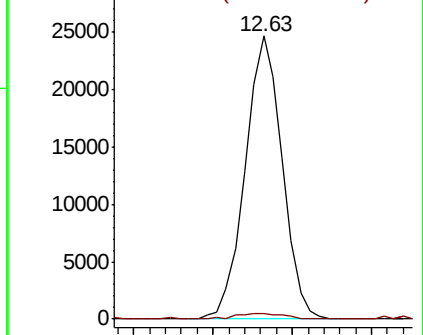
75 100

77 2.5 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: 124.891 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066281.D

Acq: 18 Aug 2020 16:42

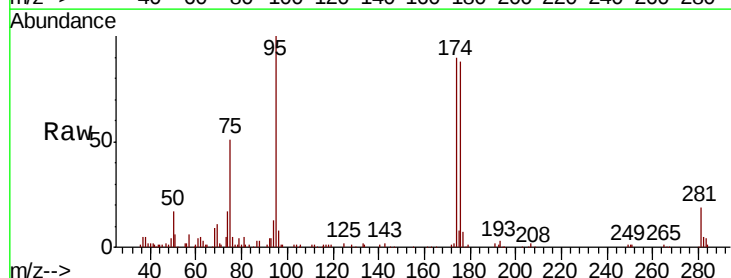
Tgt Ion: 75 Resp: 39812

Ion Ratio Lower Upper

75 100

53 0.7 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

