

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067076.D
 Acq On : 05 Oct 2020 11:51
 Operator : VA/SY
 Sample : L4230-03
 Misc : 7.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26516

Quant Time: Oct 06 07:35:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

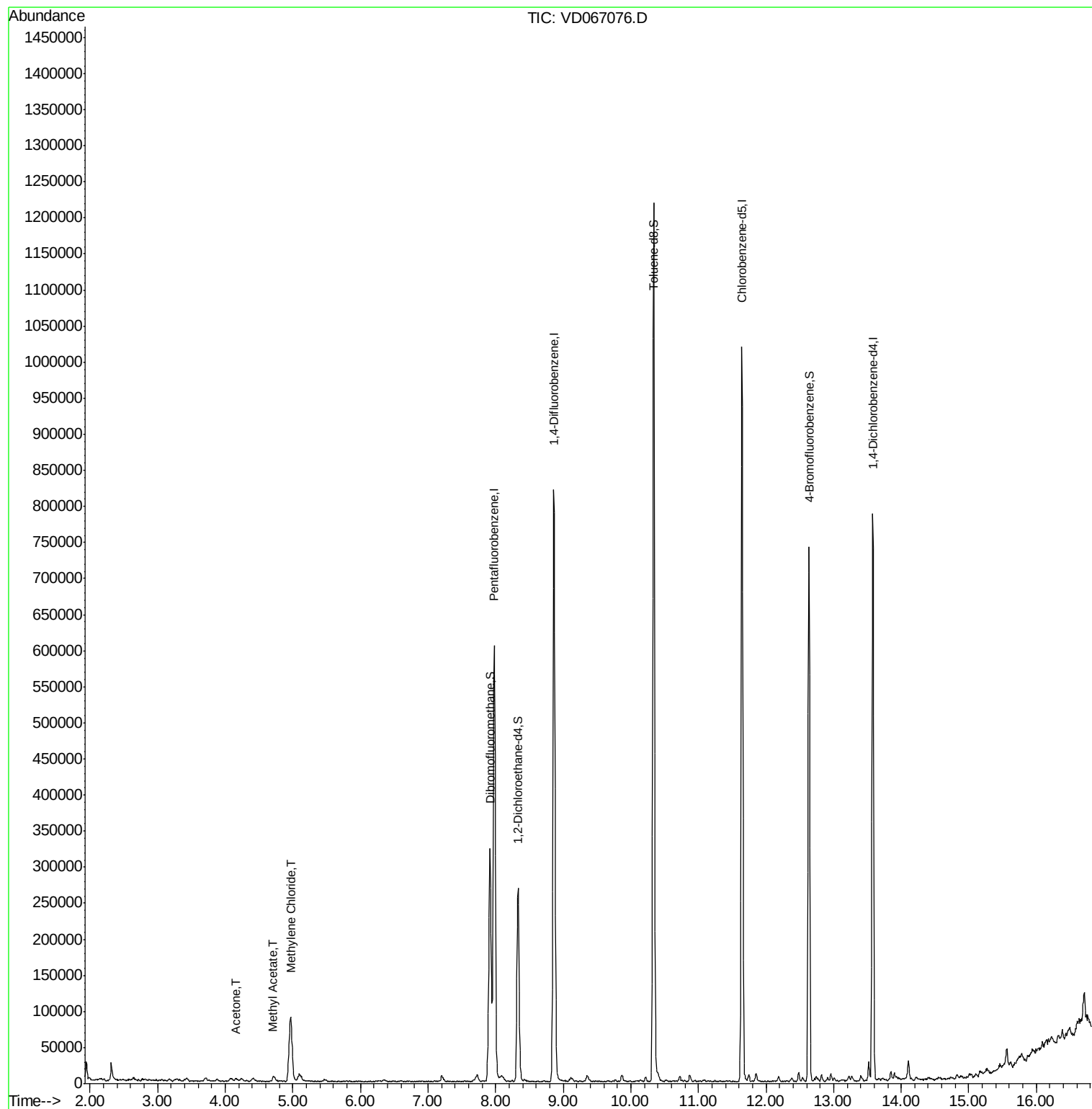
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	456116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	735687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	617419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	222372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	219560	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
35) Dibromofluoromethane	7.92	113	240028	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.34	98	829549	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	12.64	95	245314	41.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.34%	
Target Compounds						
16) Acetone	4.16	43	8449	12.598	ug/l #	80
18) Methyl Acetate	4.71	43	10187	6.044	ug/l #	70
20) Methylene Chloride	4.97	84	77216	10.474	ug/l	93

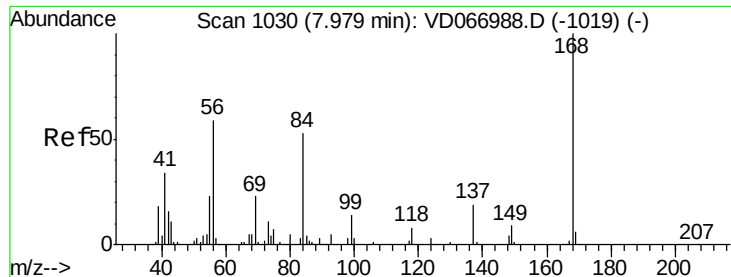
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

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Acq: 05 Oct 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

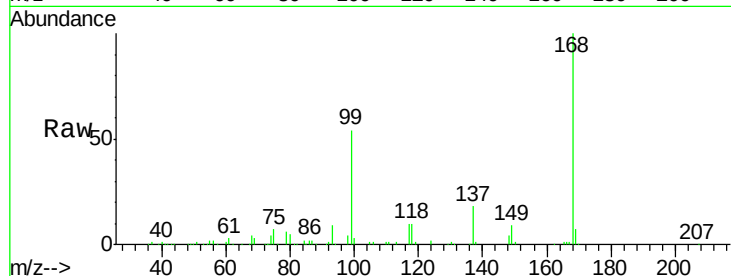
26516

Tot Ion:168 Resp: 456116

Ion Ratio Lower Upper

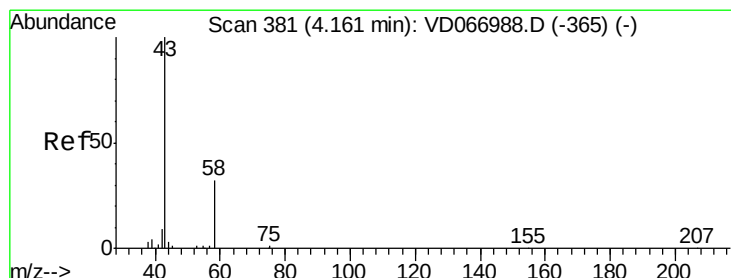
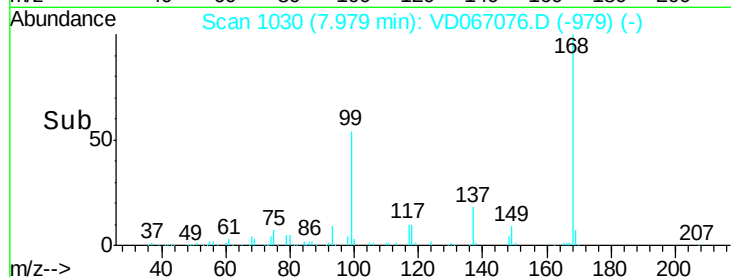
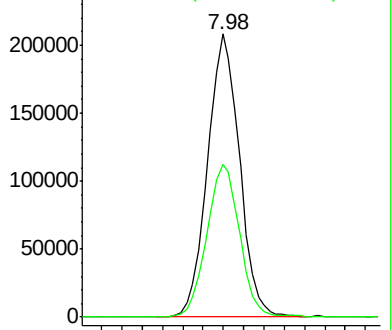
168 100

99 53.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 12.598 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067076.D

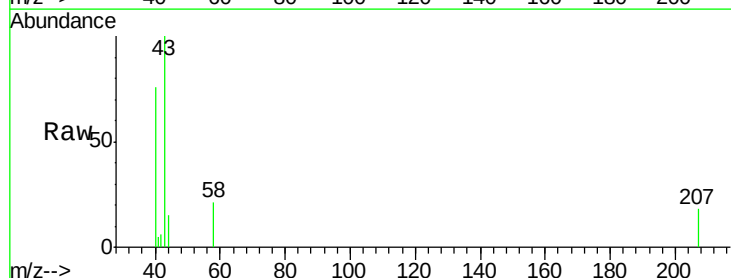
Acq: 05 Oct 2020 11:51

Tgt Ion: 43 Resp: 8449

Ion Ratio Lower Upper

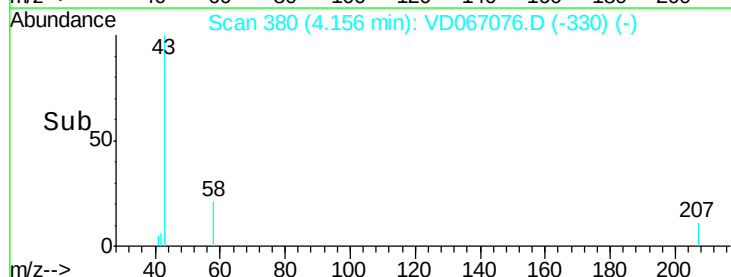
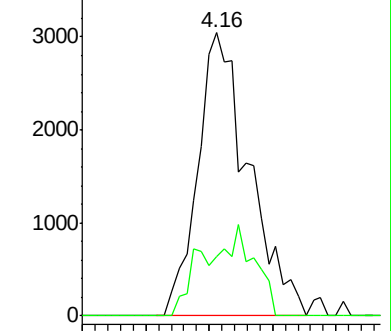
43 100

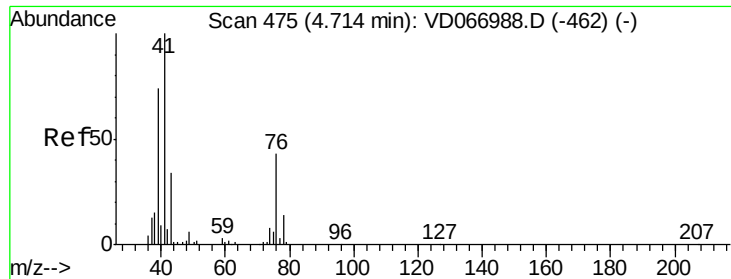
58 21.2 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

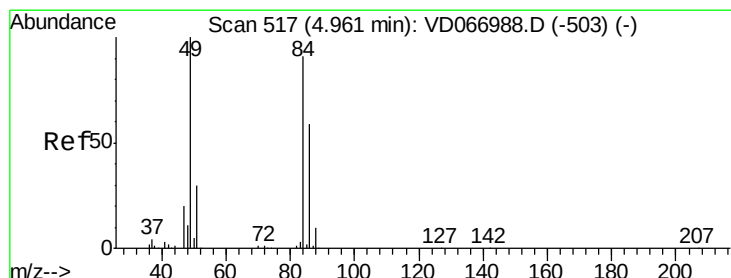
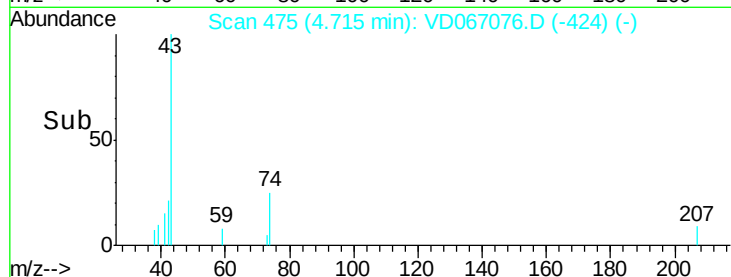
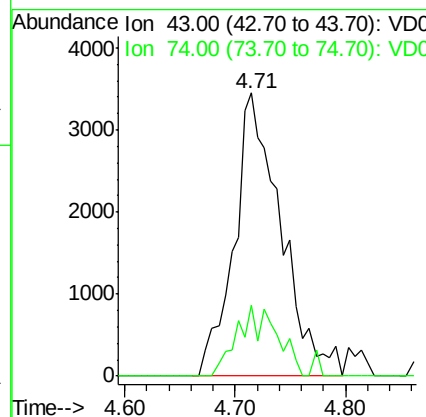
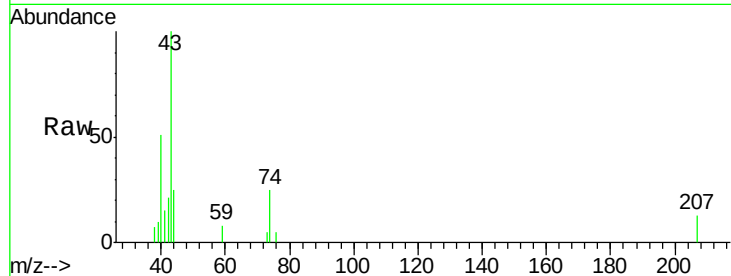




#18
Methyl Acetate
Concen: 6.044 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067076.D
Acq: 05 Oct 2020 11:51

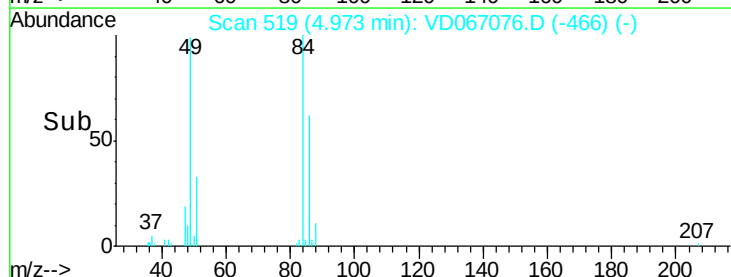
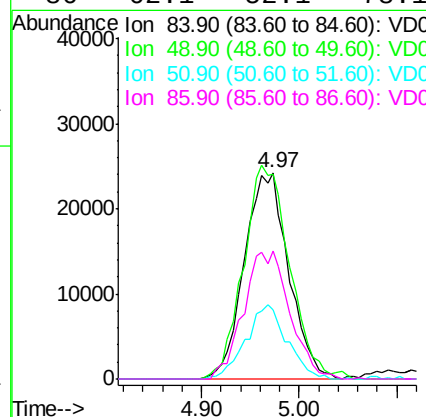
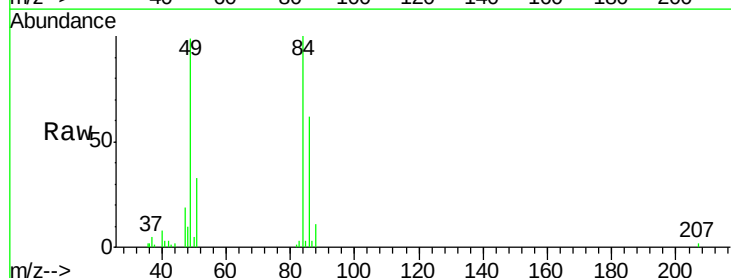
Instrument :
MSVOA_D
ClientSampleId :
26516

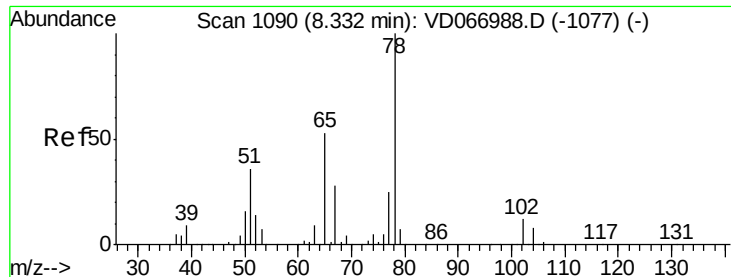
Tot Ion: 43 Resp: 10187
Ion Ratio Lower Upper
43 100
74 11.2 21.5 32.3#



#20
Methylene Chloride
Concen: 10.474 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067076.D
Acq: 05 Oct 2020 11:51

Tgt Ion: 84 Resp: 77216
Ion Ratio Lower Upper
84 100
49 99.3 88.2 132.2
51 33.4 26.6 39.8
86 62.1 52.1 78.1

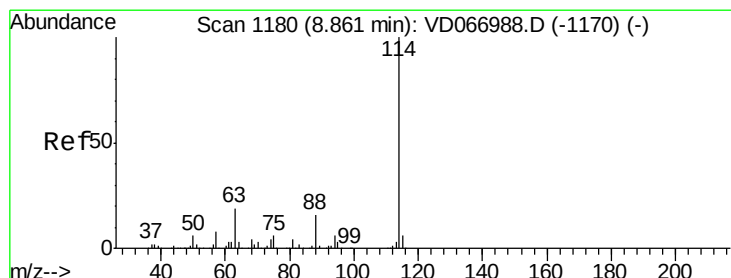
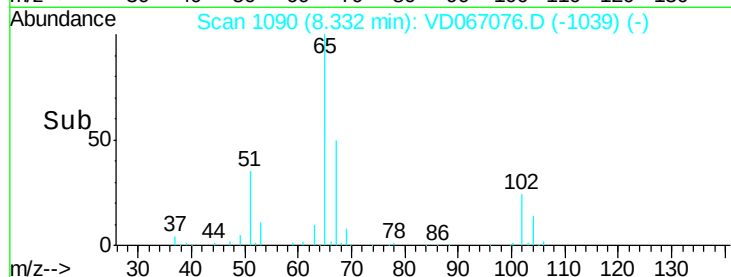
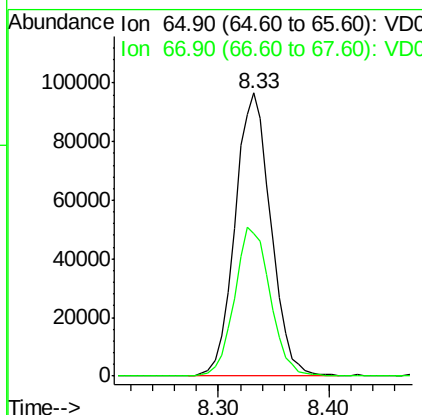
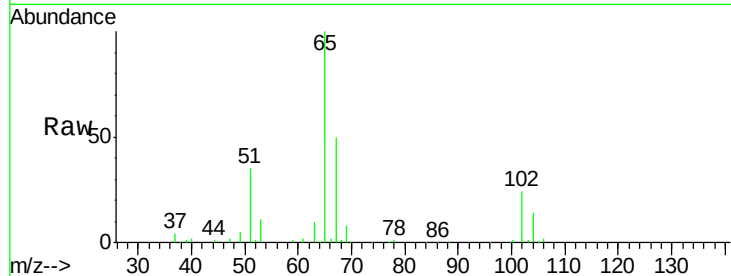




#33
 1,2-Dichloroethane-d4
 Concen: 49.976 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067076.D
 Acq: 05 Oct 2020 11:51

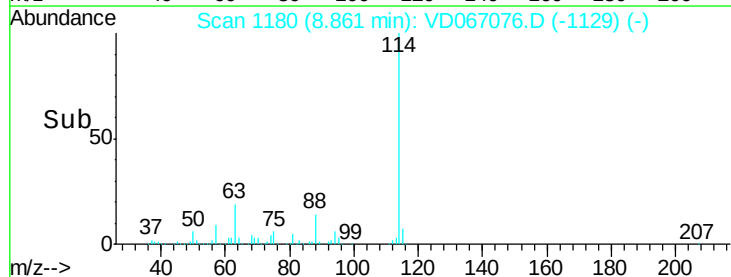
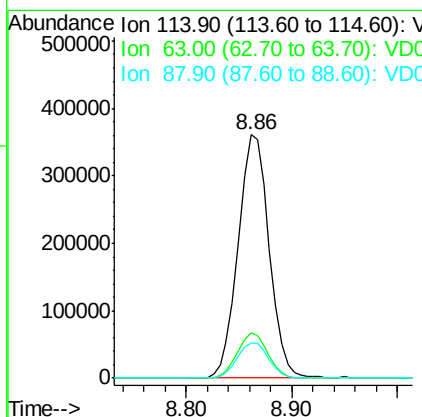
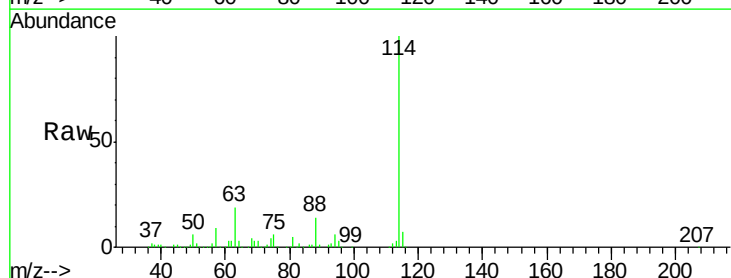
Instrument :
 MSVOA_D
 ClientSampleId :
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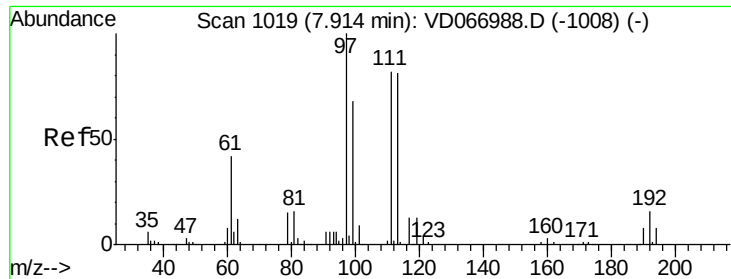
Tot Ion: 65 Resp: 219560
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067076.D
 Acq: 05 Oct 2020 11:51

Tgt Ion: 114 Resp: 735687
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 14.5 0.0 31.2

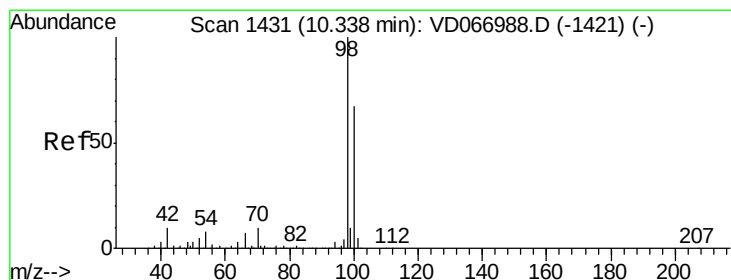
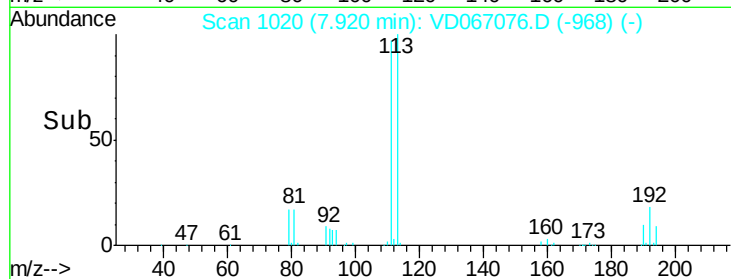
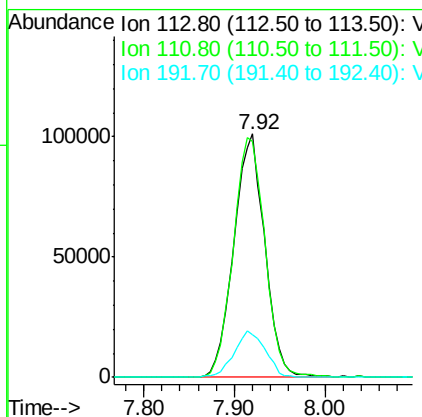
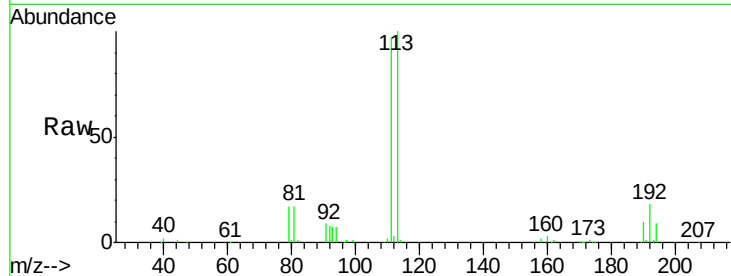




#35
 Dibromofluoromethane
 Concen: 49.836 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067076.D
 Acq: 05 Oct 2020 11:51

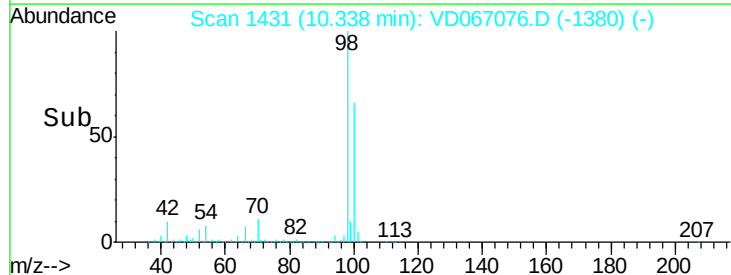
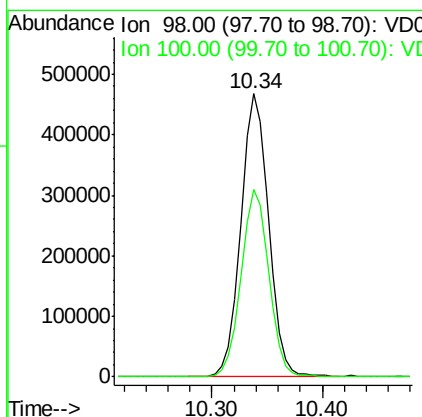
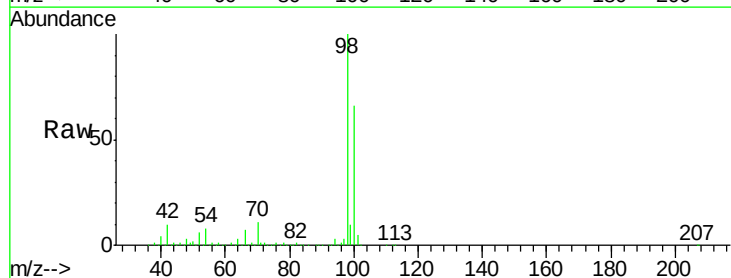
Instrument :
 MSVOA_D
 ClientSampled :
 26516

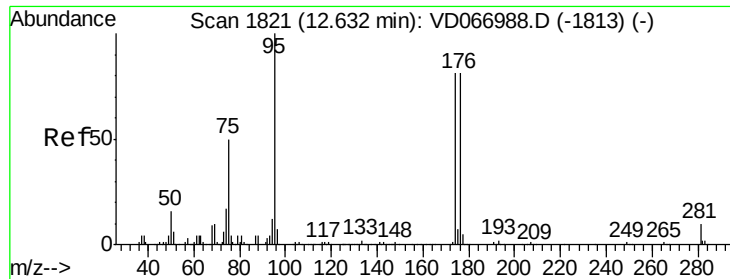
Tot Ion:113 Resp: 240028
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.0 124.4
 192 19.4 15.5 23.3



#50
 Toluene-d8
 Concen: 47.267 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067076.D
 Acq: 05 Oct 2020 11:51

Tgt Ion: 98 Resp: 829549
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.8 79.2

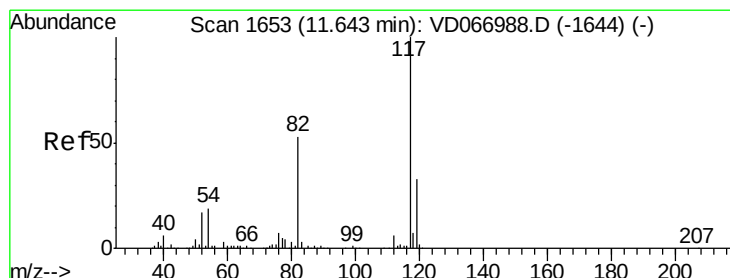
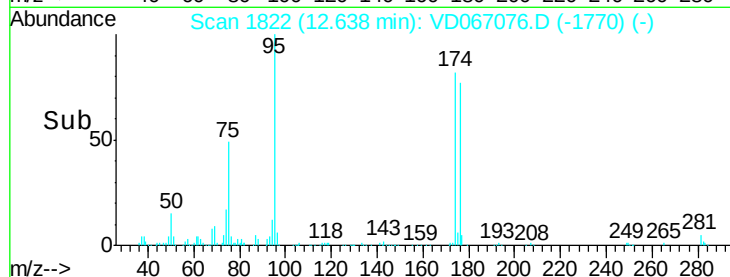
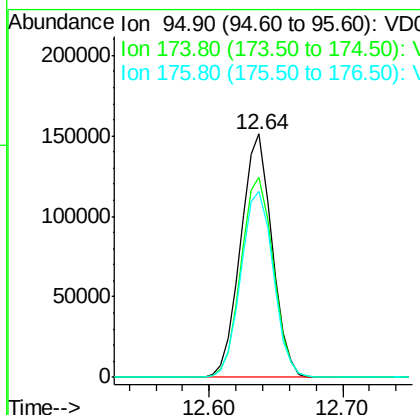
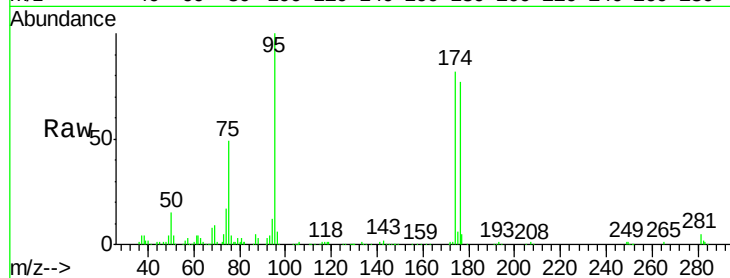




#62
4-Bromofluorobenzene
Concen: 41.174 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067076.D
Acq: 05 Oct 2020 11:51

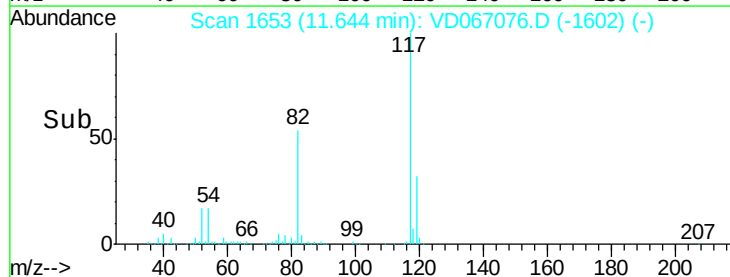
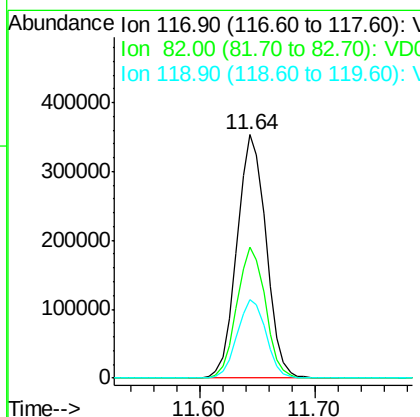
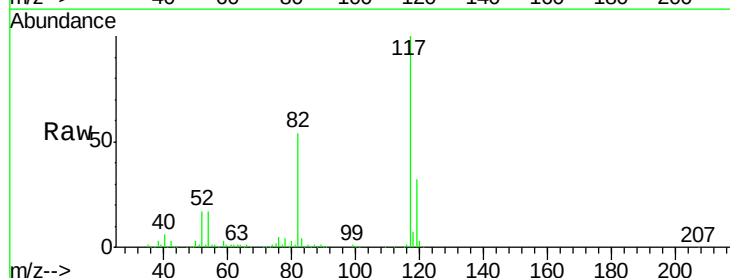
Instrument :
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ClientSampleId :
26516

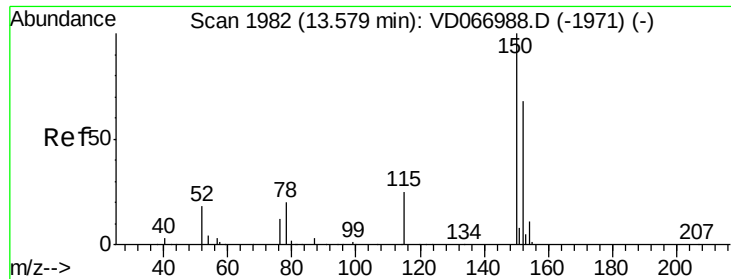
Tot Ion: 95 Resp: 245314
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.6
176 79.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067076.D
Acq: 05 Oct 2020 11:51

Tgt Ion: 117 Resp: 617419
Ion Ratio Lower Upper
117 100
82 54.0 42.6 63.8
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067076.D

Acq: 05 Oct 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

26516

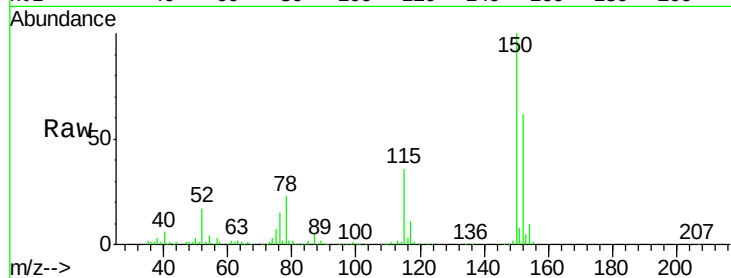
Tot Ion:152 Resp: 222372

Ion Ratio Lower Upper

152 100

115 57.2 29.6 88.8

150 155.3 0.0 344.8



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

