

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD066996.D
 Acq On : 01 Oct 2020 16:52
 Operator : VA/SY
 Sample : L3870-16
 Misc : 7.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-093020

Quant Time: Oct 02 01:04:46 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

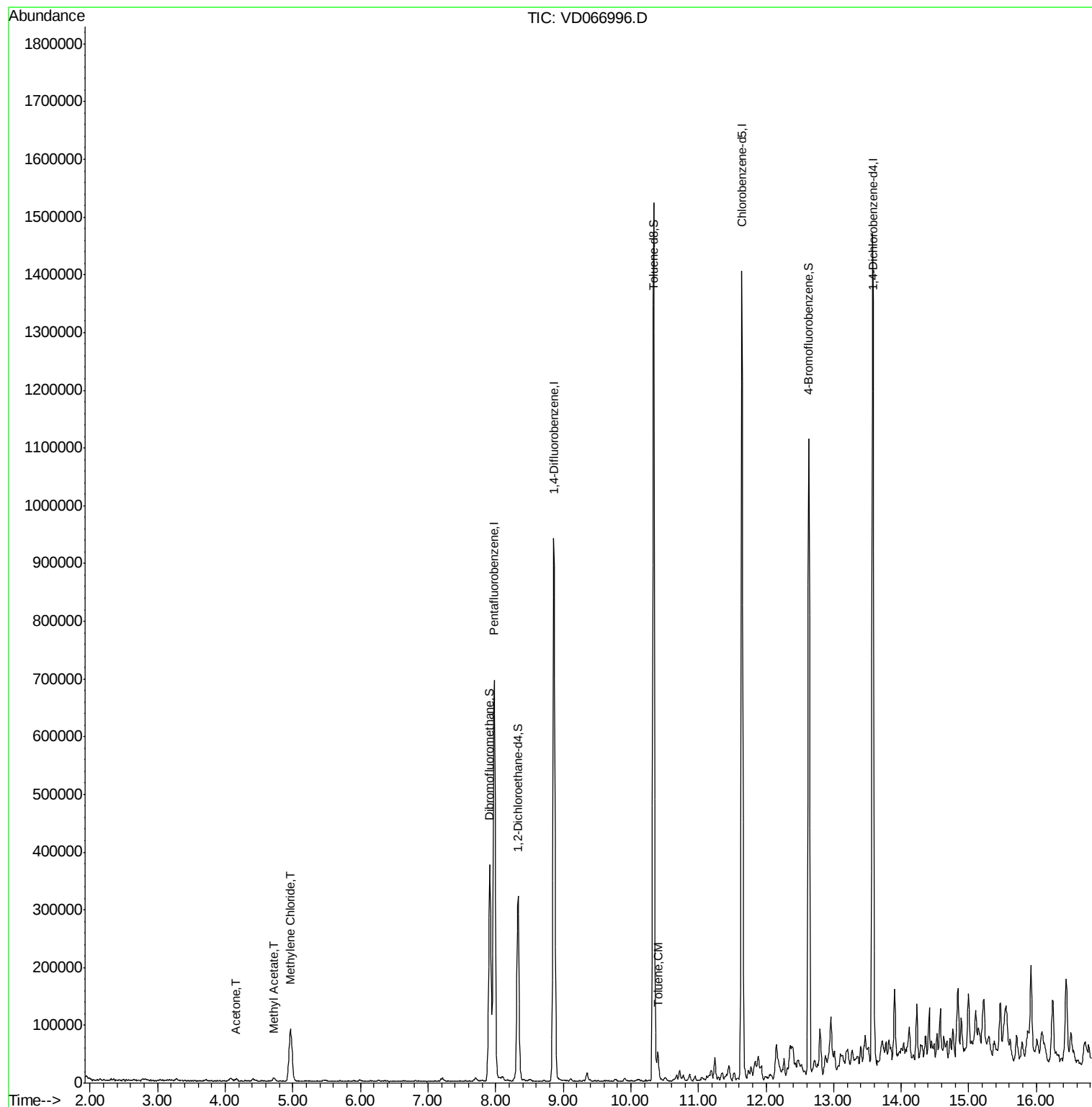
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	508825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	852987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	830245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	395774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	255101	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
35) Dibromofluoromethane	7.91	113	271186	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	10.34	98	1005379	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.63	95	367317	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
Target Compounds						
16) Acetone	4.17	43	6334	8.466	ug/l	99
18) Methyl Acetate	4.72	43	7423	3.948	ug/l	93
20) Methylene Chloride	4.96	84	72296	7.423	ug/l	93
52) Toluene	10.40	92	20019	1.407	ug/l	95

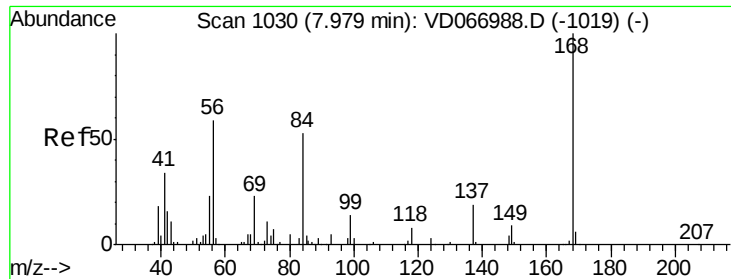
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066996.D

Acq: 01 Oct 2020 16:52

Instrument :

MSVOA_D

ClientSampleId :

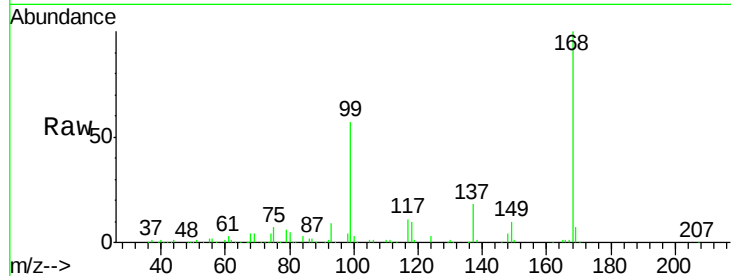
SU-03-093020

Tot Ion:168 Resp: 508825

Ion Ratio Lower Upper

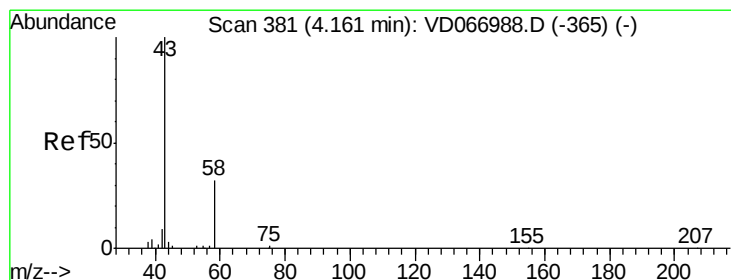
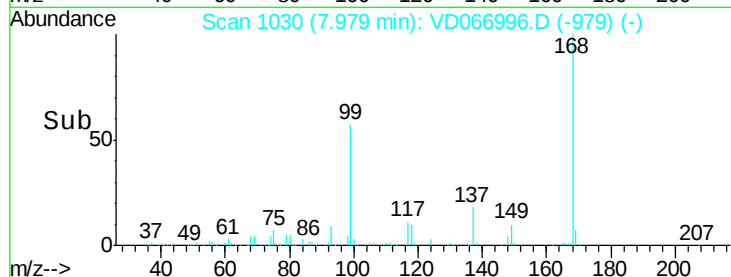
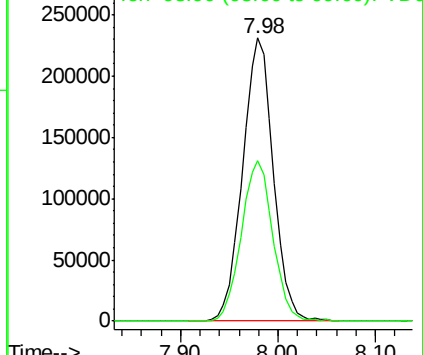
168 100

99 56.6 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: 8.466 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066996.D

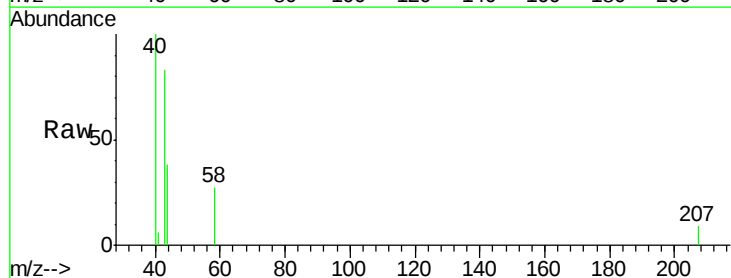
Acq: 01 Oct 2020 16:52

Tgt Ion: 43 Resp: 6334

Ion Ratio Lower Upper

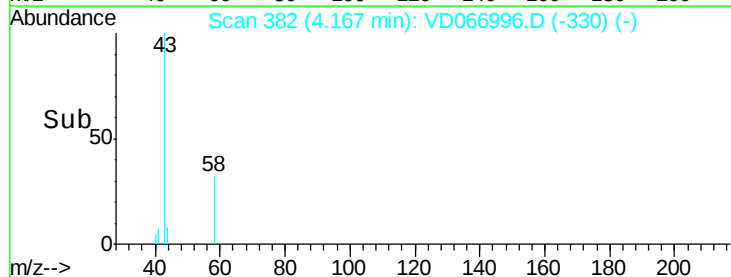
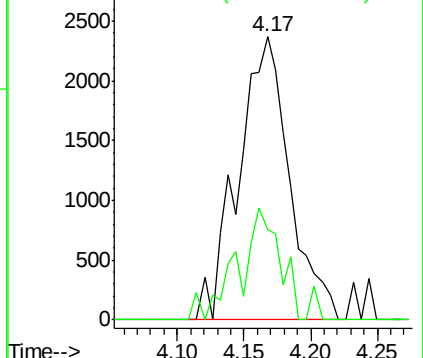
43 100

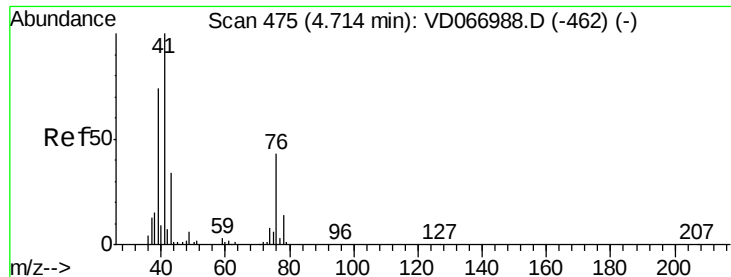
58 32.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

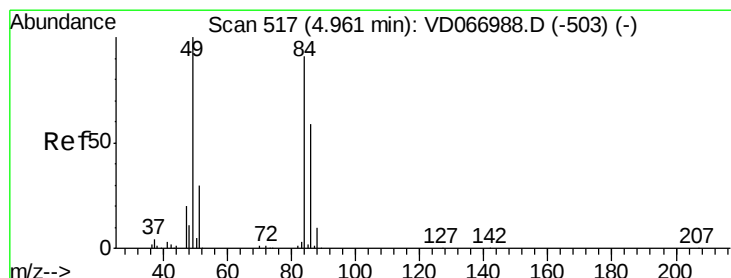
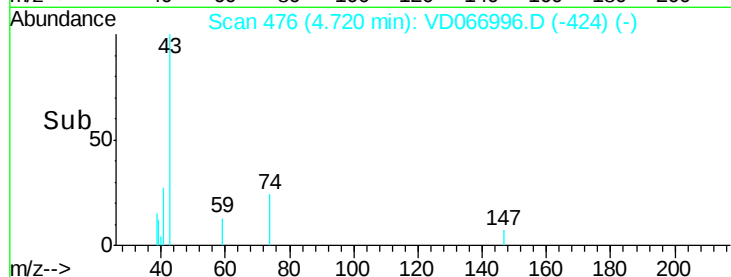
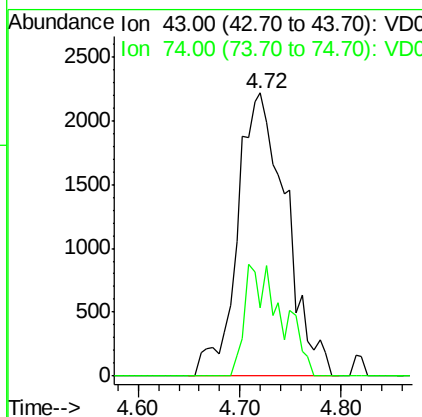
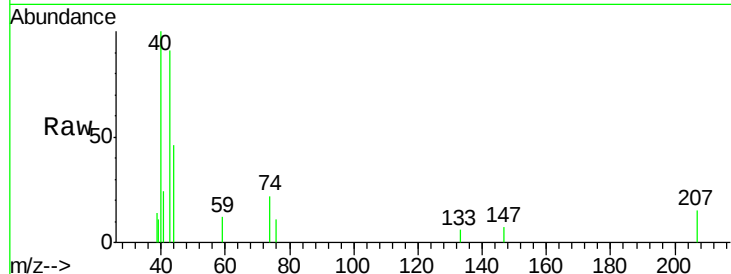




#18
Methyl Acetate
Concen: 3.948 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066996.D
Acq: 01 Oct 2020 16:52

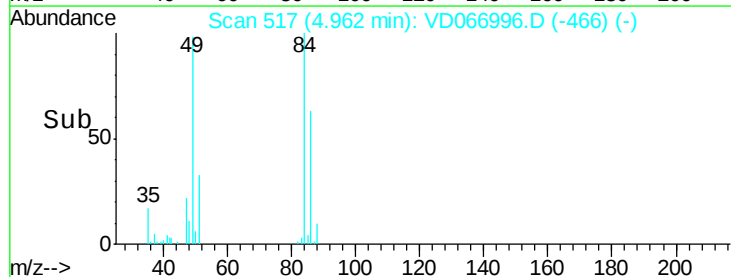
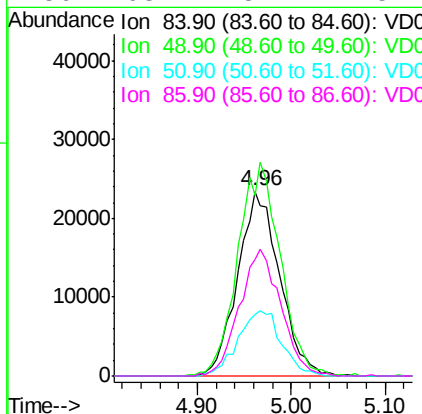
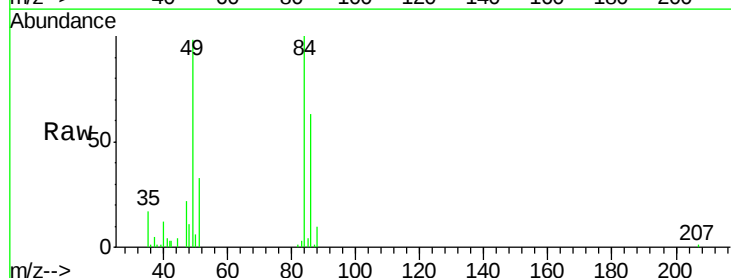
Instrument :
MSVOA_D
ClientSampleId :
SU-03-093020

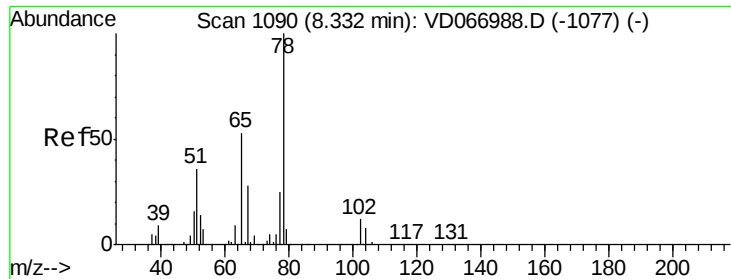
Tot Ion: 43 Resp: 7423
Ion Ratio Lower Upper
43 100
74 23.2 21.5 32.3



#20
Methylene Chloride
Concen: 7.423 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066996.D
Acq: 01 Oct 2020 16:52

Tgt Ion: 84 Resp: 72296
Ion Ratio Lower Upper
84 100
49 97.1 88.2 132.2
51 33.2 26.6 39.8
86 63.2 52.1 78.1

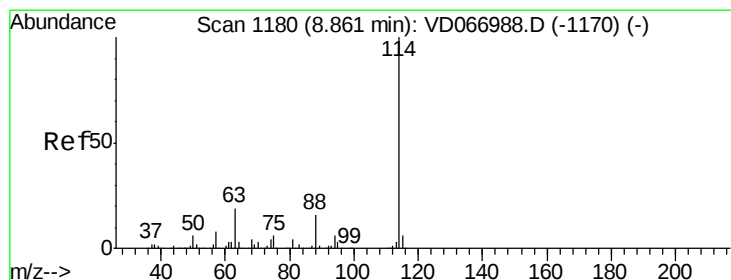
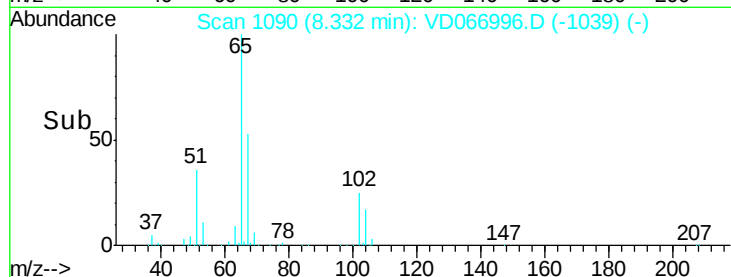
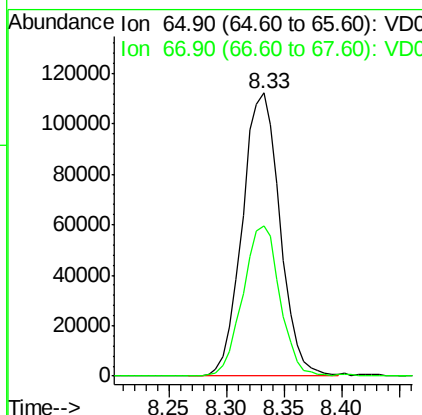
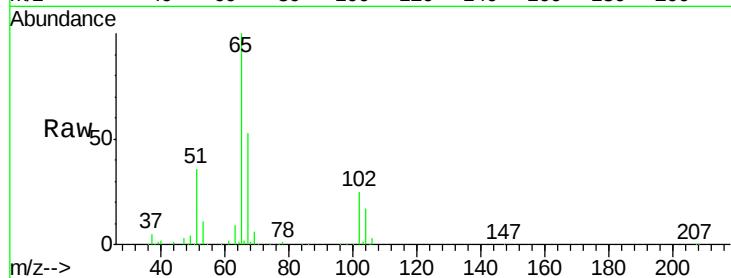




#33
 1,2-Dichloroethane-d4
 Concen: 52.051 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066996.D
 Acq: 01 Oct 2020 16:52

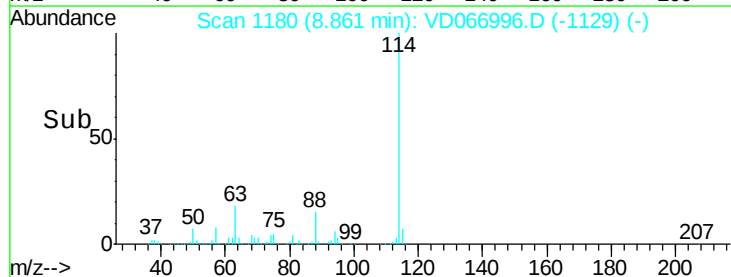
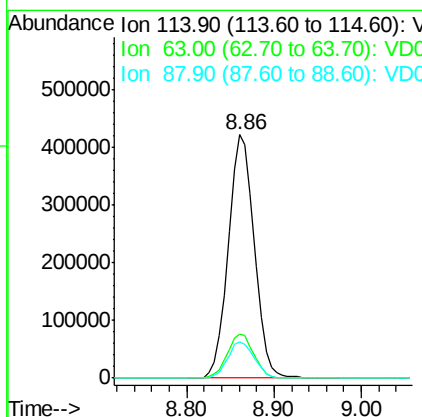
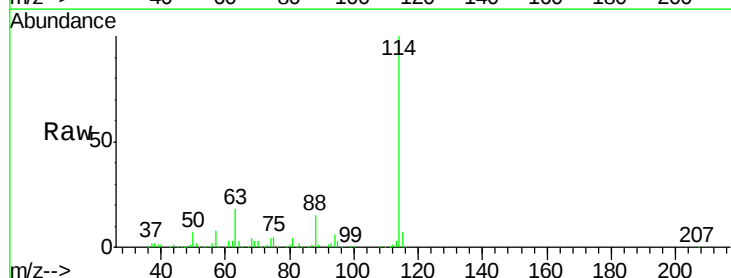
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-093020

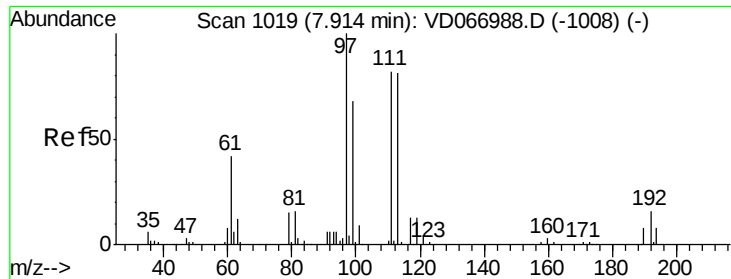
Tot Ion: 65 Resp: 255101
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066996.D
 Acq: 01 Oct 2020 16:52

Tgt Ion: 114 Resp: 852987
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.4
 88 14.9 0.0 31.2

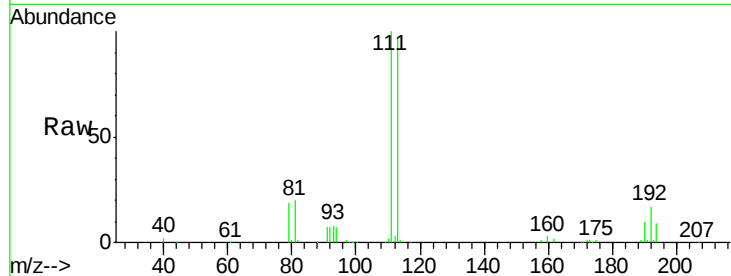




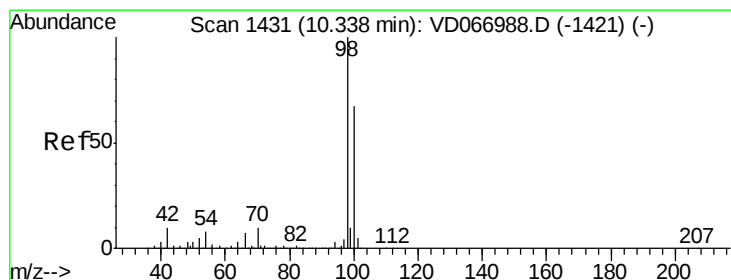
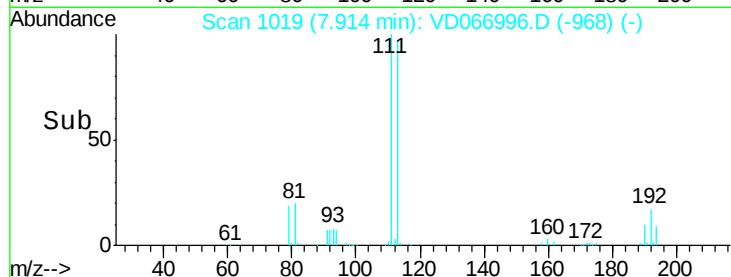
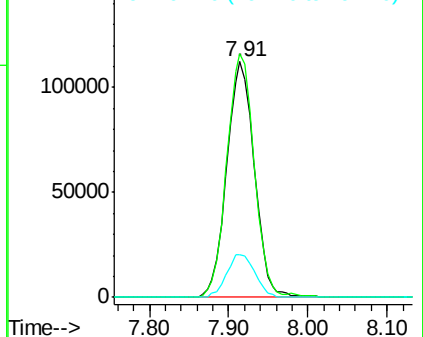
#35
Dibromofluoromethane
Concen: 48.562 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD066996.D
Acq: 01 Oct 2020 16:52

Instrument :
MSVOA_D
ClientSampleId :
SU-03-093020

Tot Ion:113 Resp: 271186
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 18.7 15.5 23.3

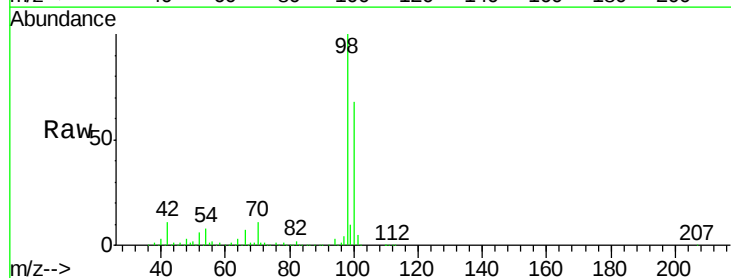


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

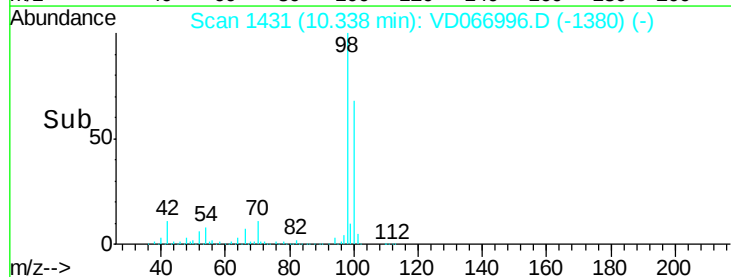
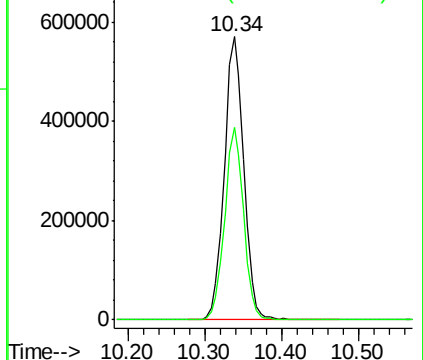


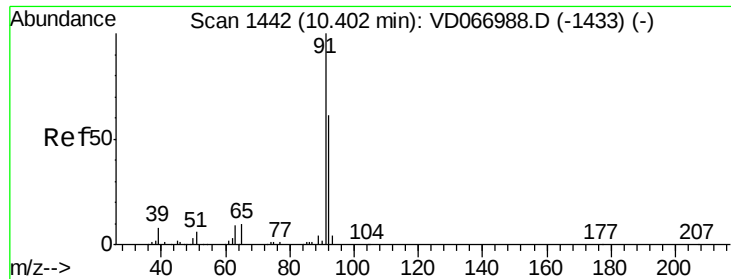
#50
Toluene-d8
Concen: 49.408 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066996.D
Acq: 01 Oct 2020 16:52

Tgt Ion: 98 Resp: 1005379
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.407 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066996.D

Acq: 01 Oct 2020 16:52

Instrument :

MSVOA_D

ClientSampleId :

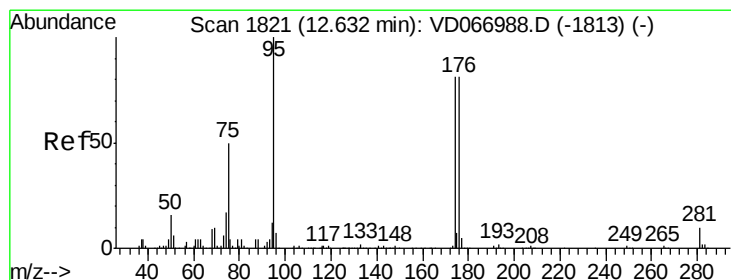
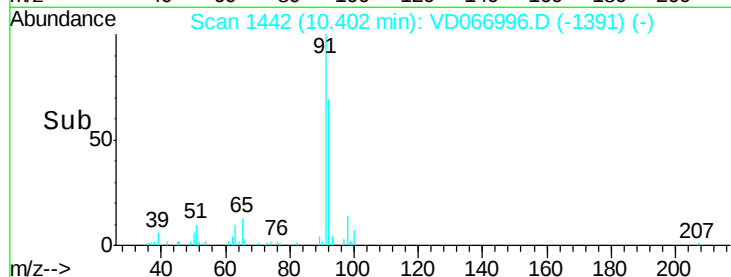
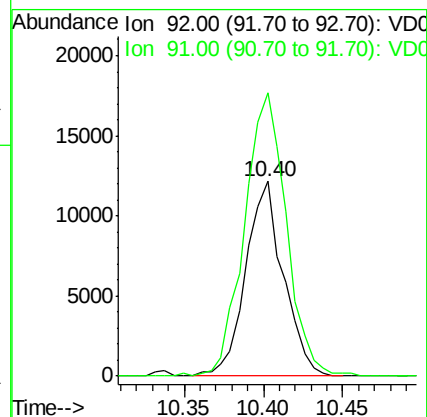
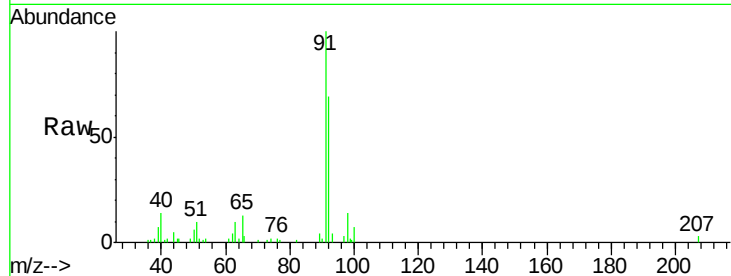
SU-03-093020

Tot Ion: 92 Resp: 20019

Ion Ratio Lower Upper

92 100

91 162.1 135.1 202.7



#62

4-Bromofluorobenzene

Concen: 53.174 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066996.D

Acq: 01 Oct 2020 16:52

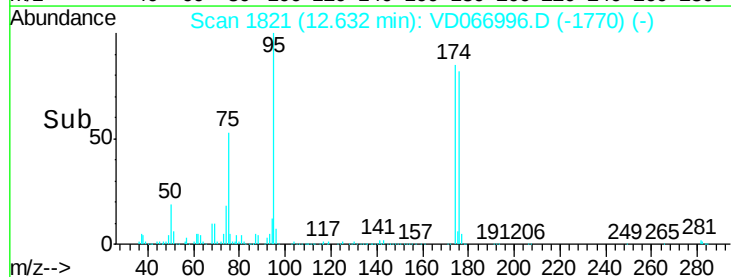
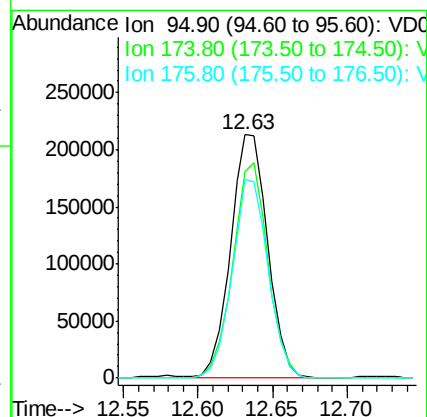
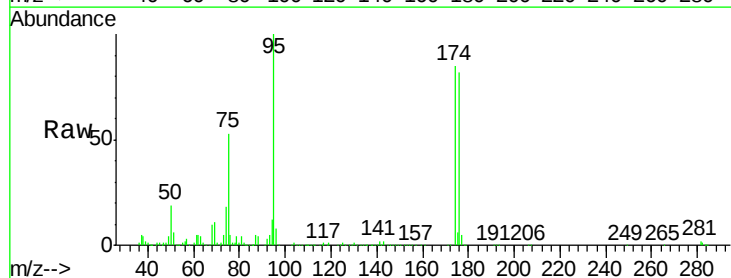
Tgt Ion: 95 Resp: 367317

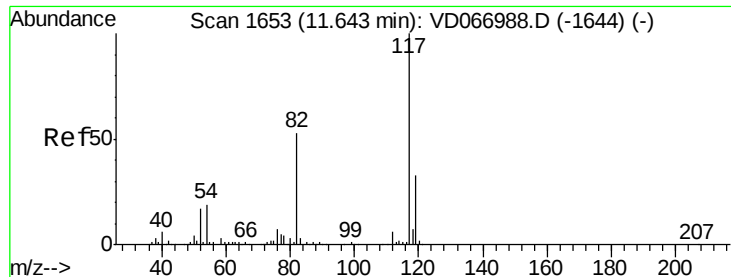
Ion Ratio Lower Upper

95 100

174 84.4 0.0 167.6

176 79.8 0.0 162.4

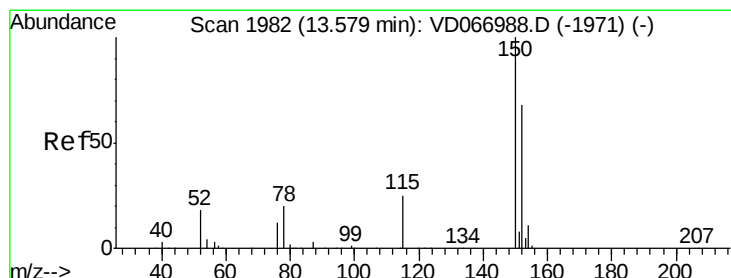
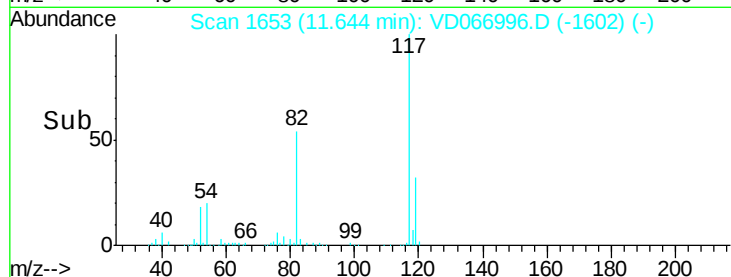
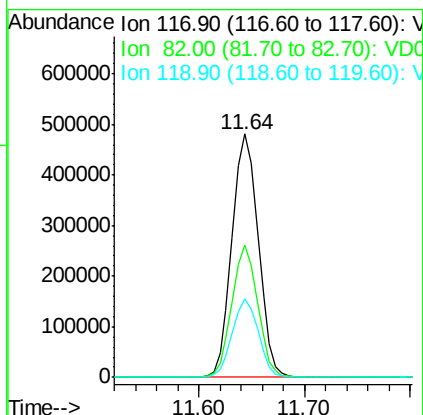
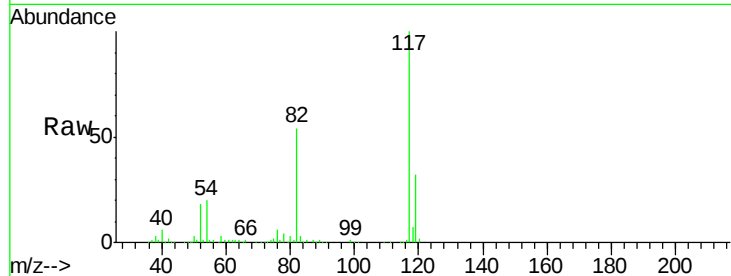




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066996.D
Acq: 01 Oct 2020 16:52

Instrument :
MSVOA_D
ClientSampleId :
SU-03-093020

Tot Ion:117 Resp: 830245
Ion Ratio Lower Upper
117 100
82 54.0 42.6 63.8
119 32.1 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: VD066996.D
Acq: 01 Oct 2020 16:52

Tgt Ion:152 Resp: 395774
Ion Ratio Lower Upper
152 100
115 59.0 29.6 88.8
150 156.8 0.0 344.8

