

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065955.D
 Acq On : 16 Jul 2020 14:22
 Operator : VA/SY
 Sample : L3183-06
 Misc : 7.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-071420

Quant Time: Jul 17 04:02:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

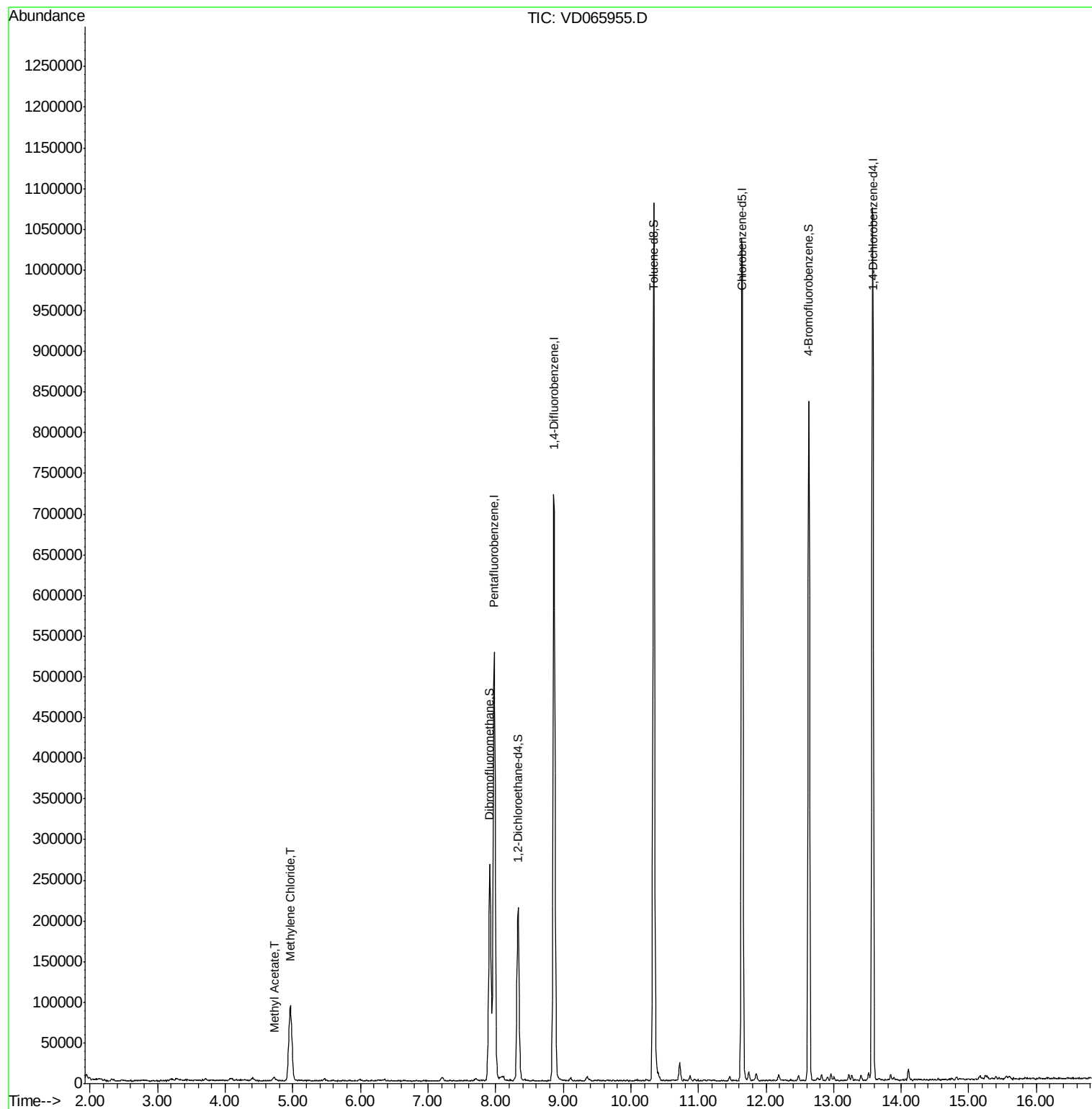
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	414696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	646074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	626892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	167259	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
35) Dibromofluoromethane	7.91	113	189952	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	10.34	98	750551	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.63	95	275606	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
Target Compounds						
18) Methyl Acetate	4.73	43	5054	2.503	ug/l	95
20) Methylene Chloride	4.96	84	73897	8.284	ug/l	91

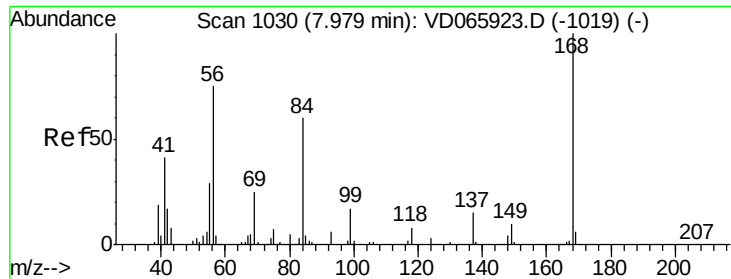
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 08 09:45:47 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: VD065955.D

Acq: 16 Jul 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

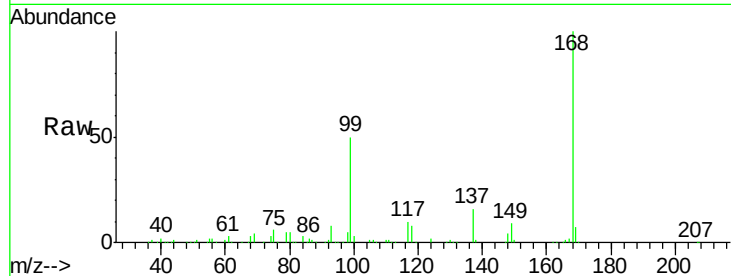
OK-01-071420

Tot Ion:168 Resp: 414696

Ion Ratio Lower Upper

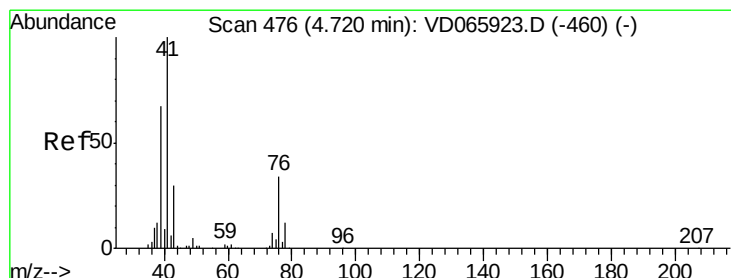
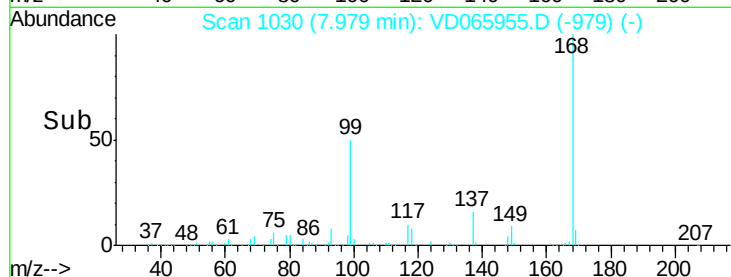
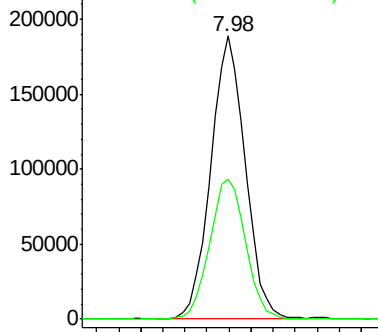
168 100

99 49.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#18

Methyl Acetate

Concen: 2.503 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD065955.D

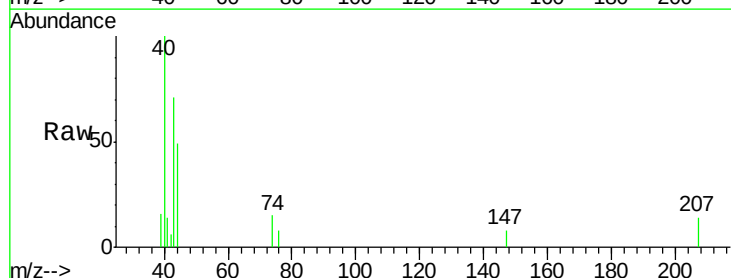
Acq: 16 Jul 2020 14:22

Tgt Ion: 43 Resp: 5054

Ion Ratio Lower Upper

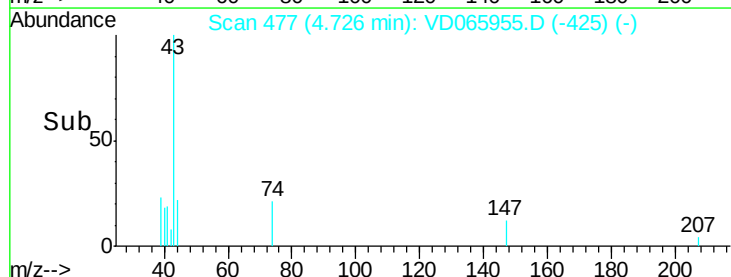
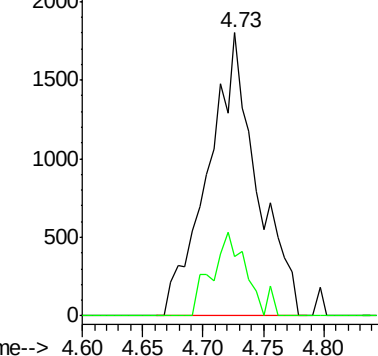
43 100

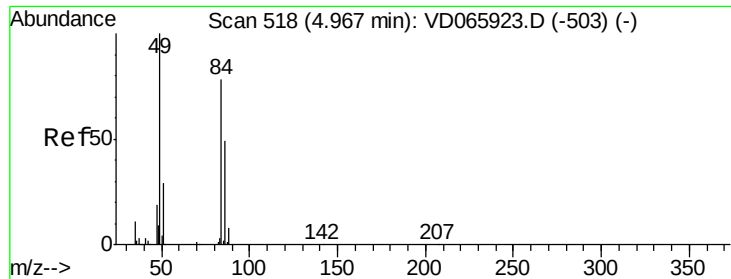
74 20.0 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

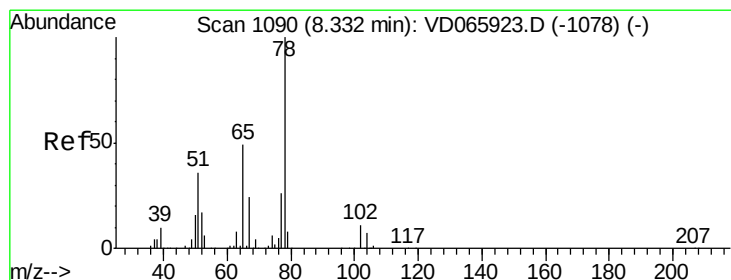
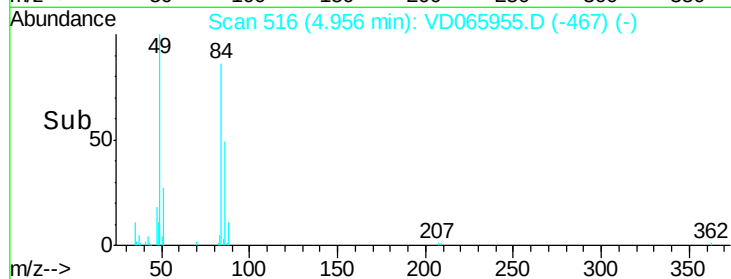
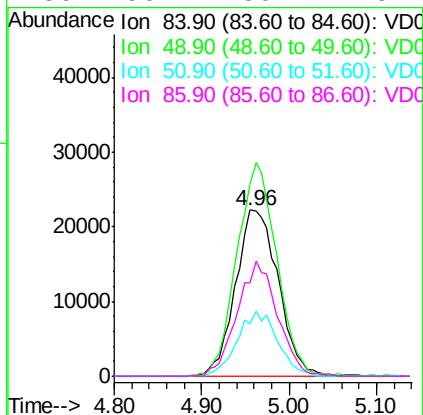
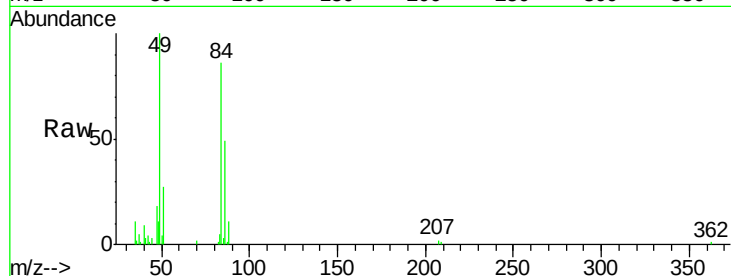




#20
Methylene Chloride
Concen: 8.284 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

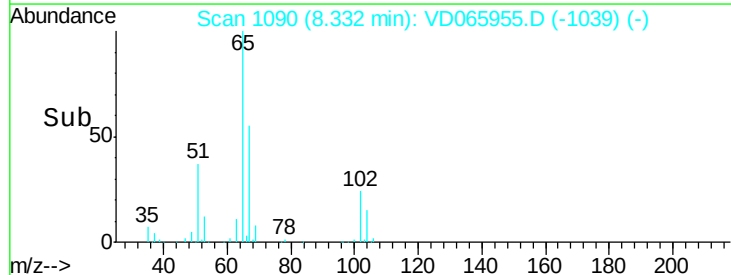
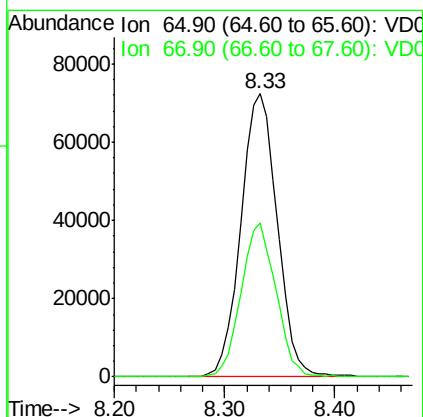
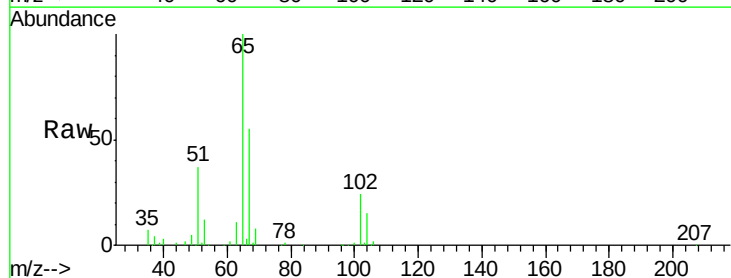
Instrument :
MSVOA_D
ClientSampleId :
OK-01-071420

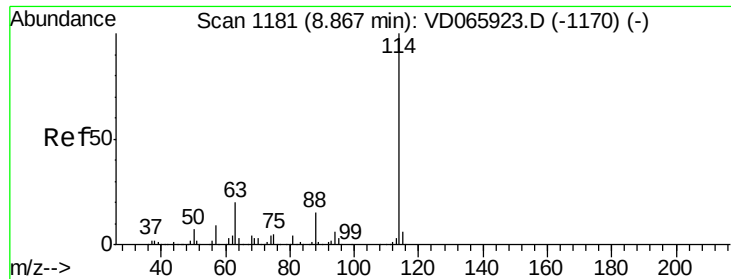
Tot Ion:	84	Resp:	73897
Ion	Ratio	Lower	Upper
84	100		
49	115.7	102.2	153.2
51	31.6	29.8	44.6
86	56.7	50.2	75.2



#33
1,2-Dichloroethane-d4
Concen: 45.511 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

Tgt Ion:	65	Resp:	167259
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD065955.D

Acq: 16 Jul 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

OK-01-071420

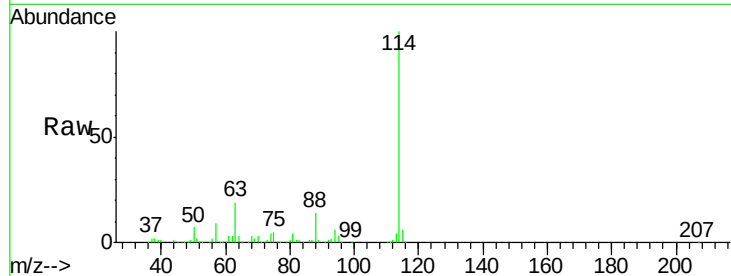
Tot Ion:114 Resp: 646074

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

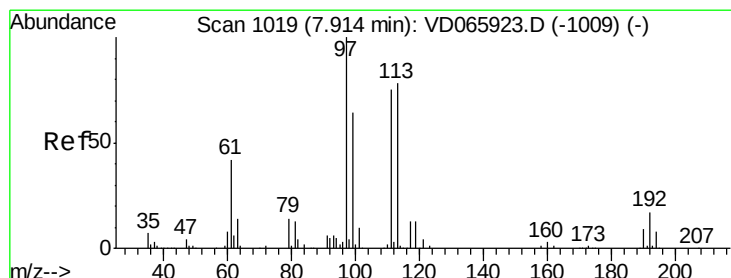
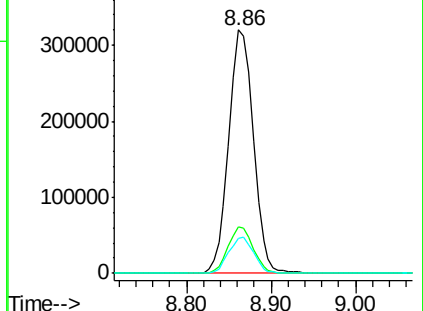
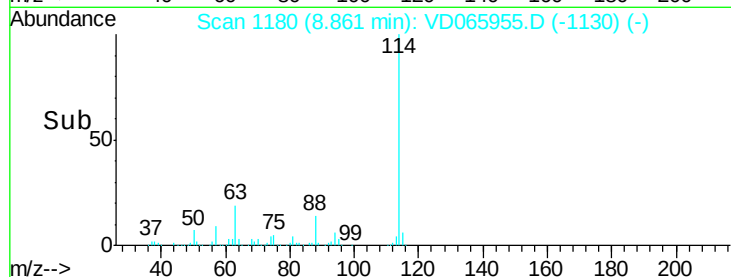
88 14.2 0.0 30.0



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: 47.660 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD065955.D

Acq: 16 Jul 2020 14:22

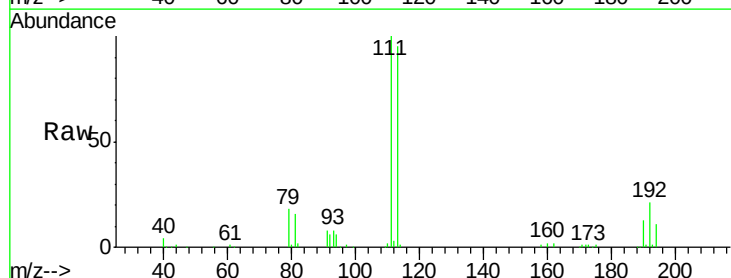
Tgt Ion:113 Resp: 189952

Ion Ratio Lower Upper

113 100

111 103.6 80.9 121.3

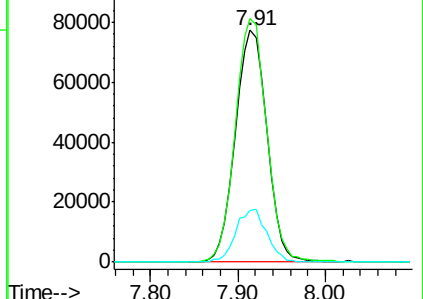
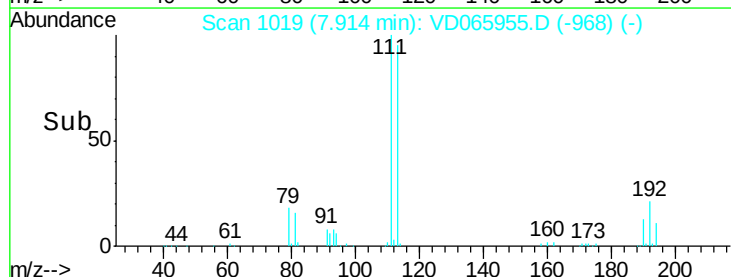
192 22.1 17.1 25.7

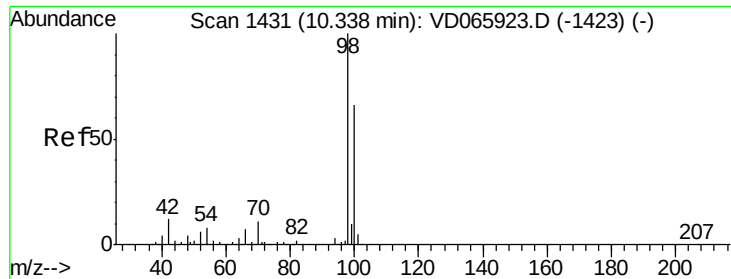


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

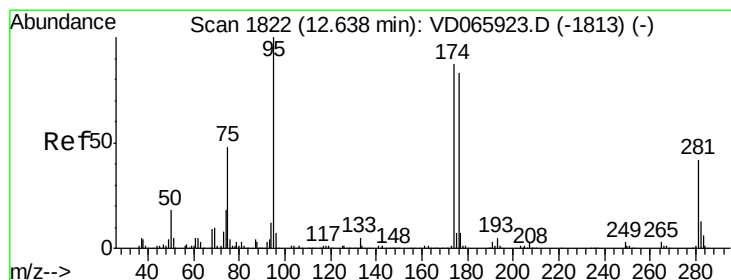
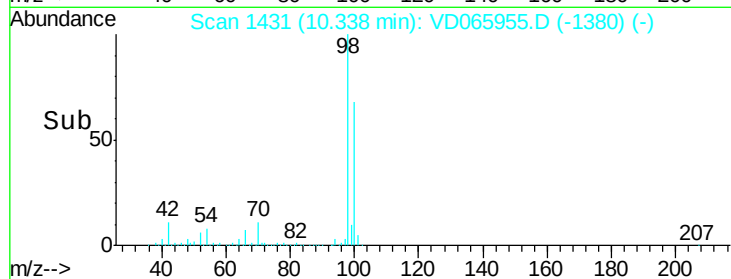
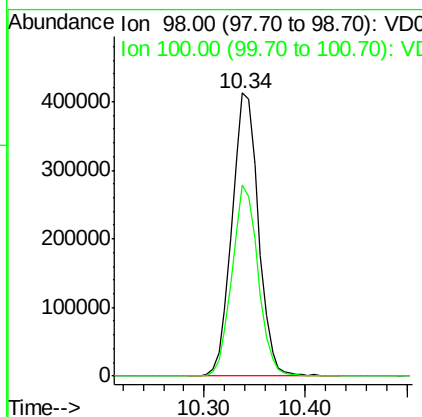
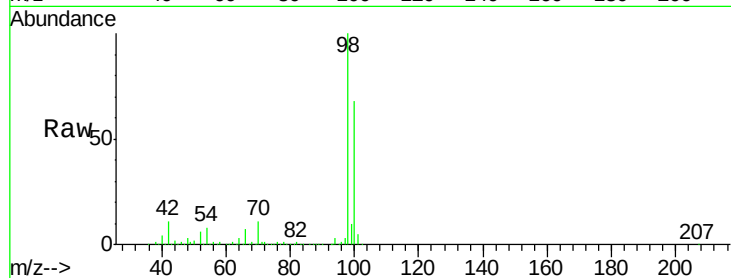




#50
Toluene-d8
Concen: 51.613 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

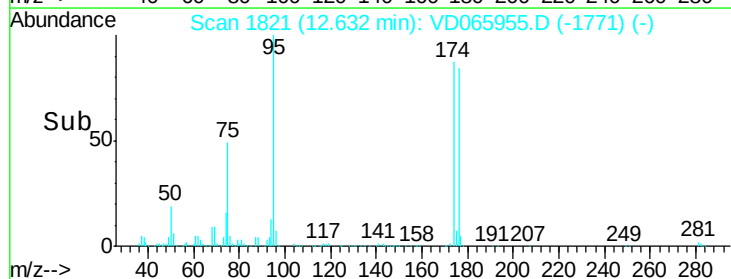
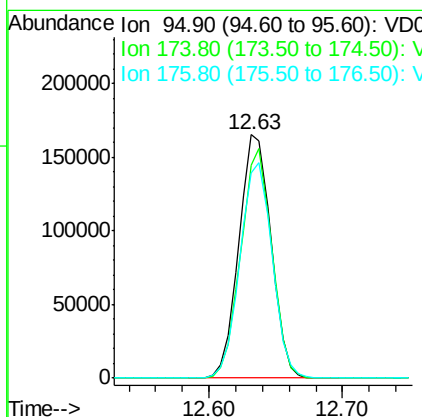
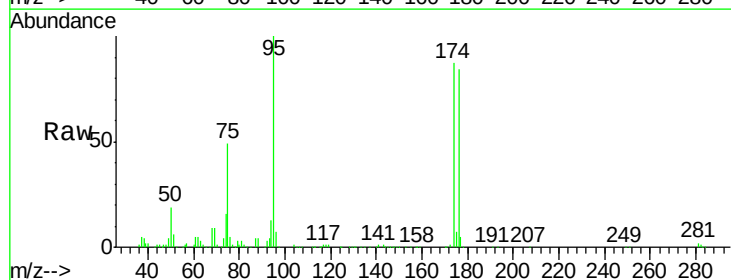
Instrument :
MSVOA_D
ClientSampleId :
OK-01-071420

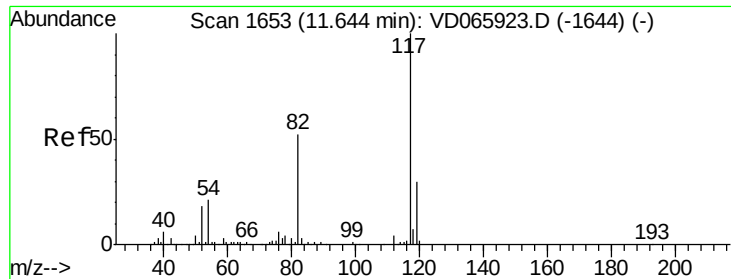
Tot Ion: 98 Resp: 750551
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.190 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

Tgt Ion: 95 Resp: 275606
Ion Ratio Lower Upper
95 100
174 90.9 0.0 169.4
176 88.3 0.0 164.0

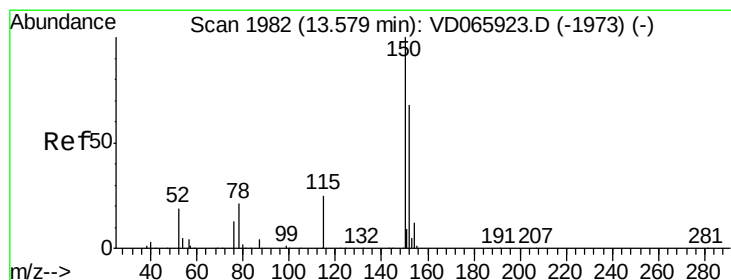
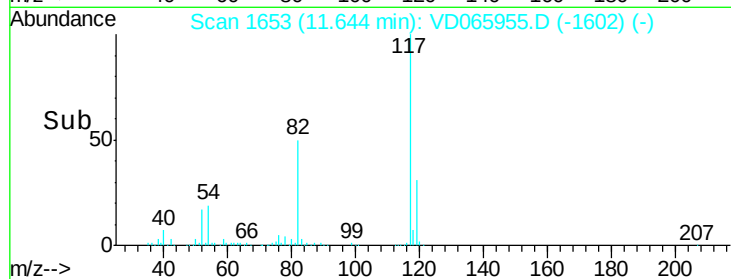
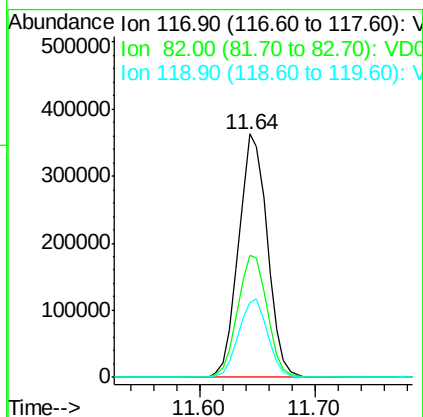
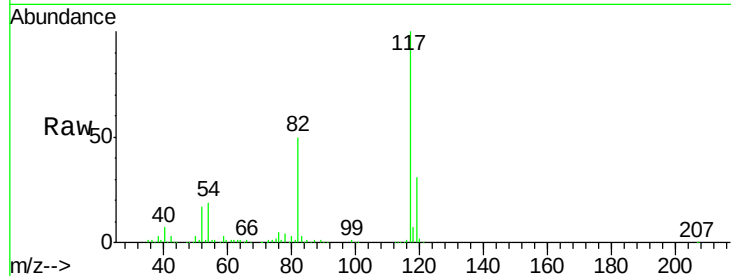




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

Instrument :
MSVOA_D
ClientSampleId :
OK-01-071420

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.8	62.8
119	30.7	24.3	36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065955.D
Acq: 16 Jul 2020 14:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.3
150	157.9	0.0	347.2

