

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066019.D
 Acq On : 23 Jul 2020 12:51
 Operator : VA/SY
 Sample : L3360-03RE
 Misc : 6.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2RE

Quant Time: Jul 27 02:20:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

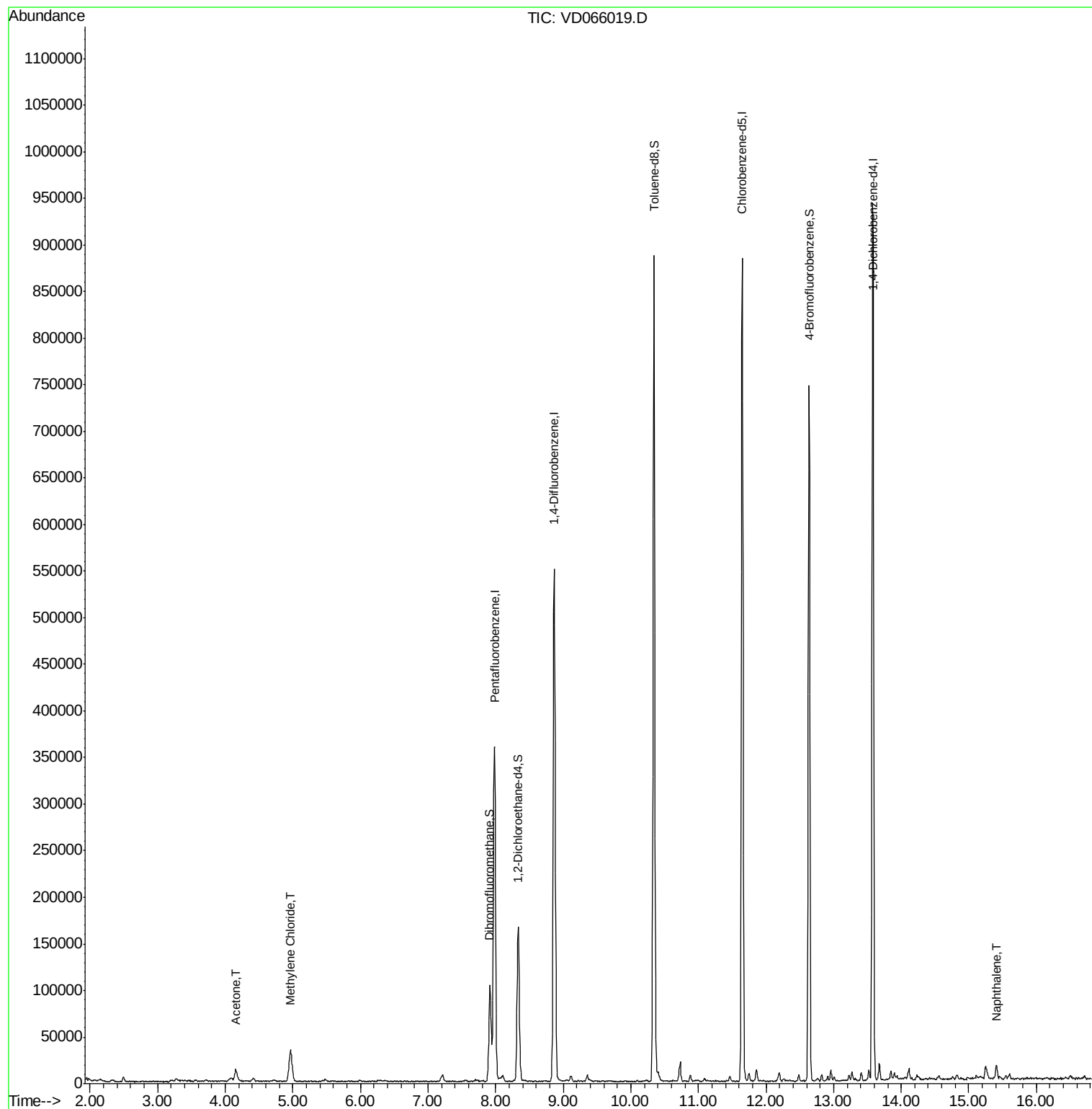
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	289807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	494580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	518247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	269732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	135547	57.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.96%	
35) Dibromofluoromethane	7.92	113	72148	24.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.10%	
50) Toluene-d8	10.34	98	606651	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	12.64	95	236378	61.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.00%	
Target Compounds						
16) Acetone	4.16	43	22594	47.335	ug/l	97
20) Methylene Chloride	4.96	84	26152	7.381	ug/l	94
95) Naphthalene	15.41	128	14277	5.096	ug/l	96

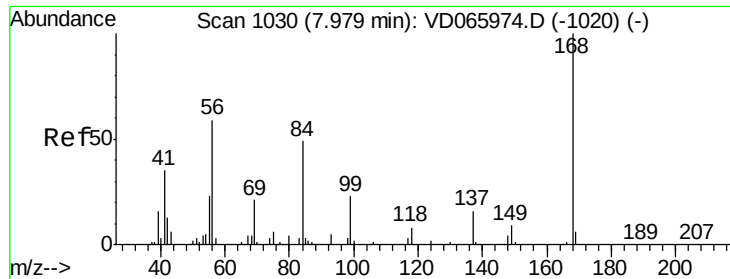
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066019.D

Acq: 23 Jul 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

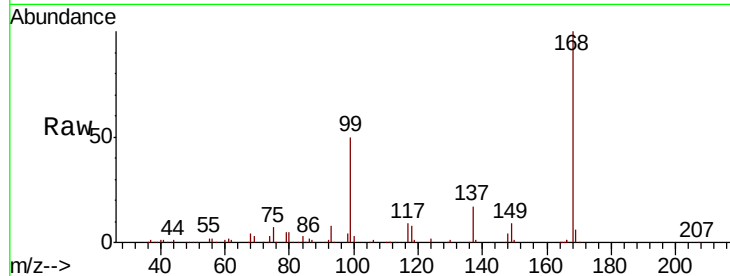
SP-2RE

Tot Ion:168 Resp: 289807

Ion Ratio Lower Upper

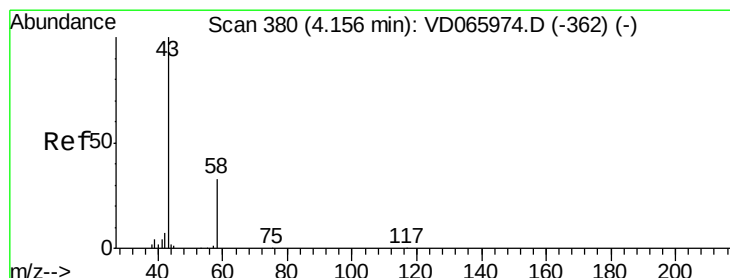
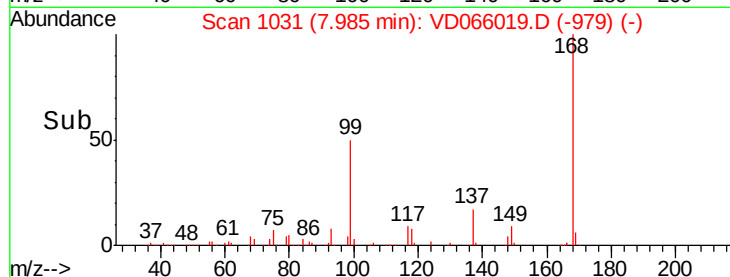
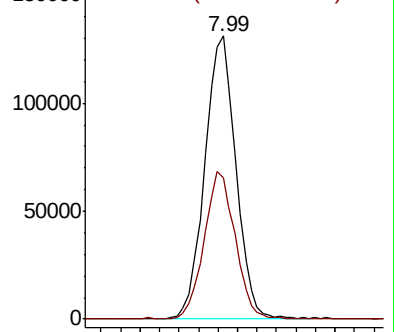
168 100

99 49.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 47.335 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066019.D

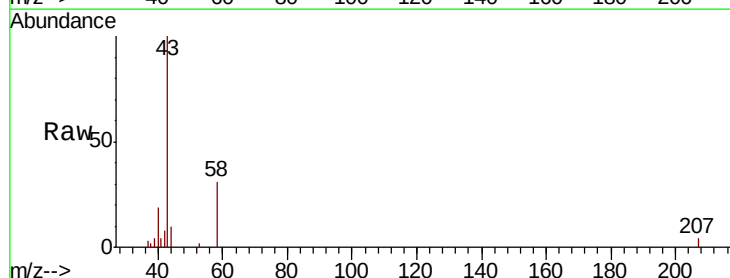
Acq: 23 Jul 2020 12:51

Tgt Ion: 43 Resp: 22594

Ion Ratio Lower Upper

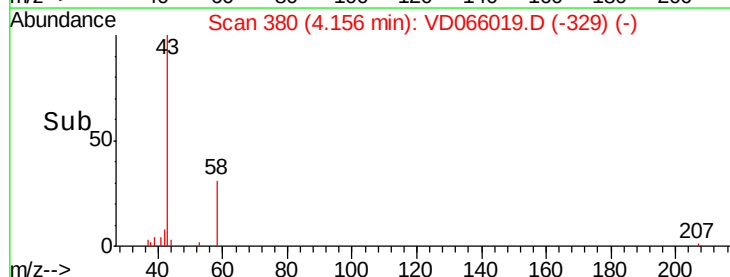
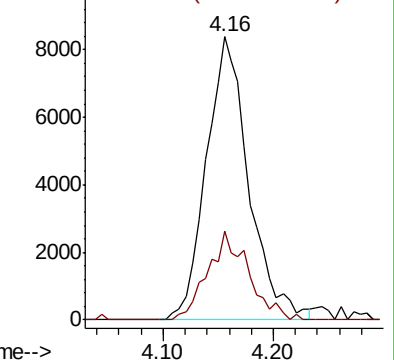
43 100

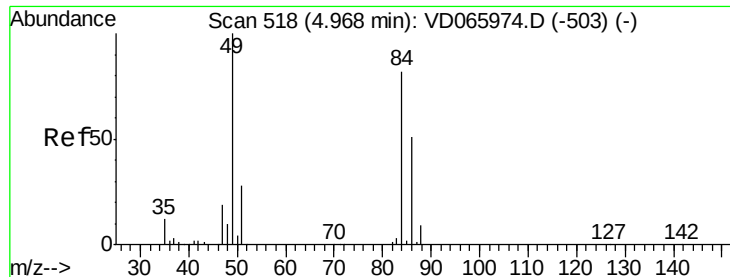
58 31.3 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

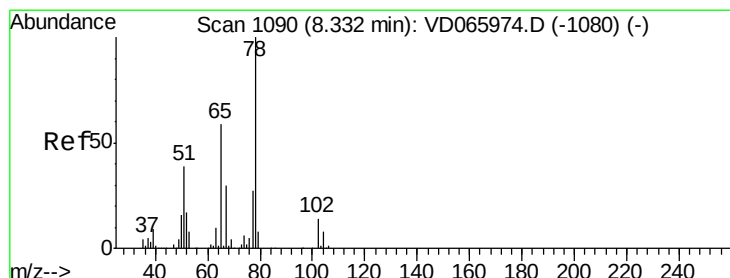
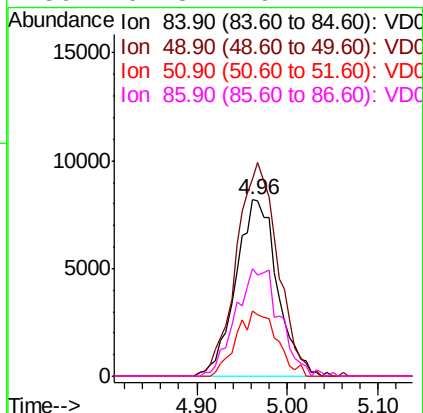
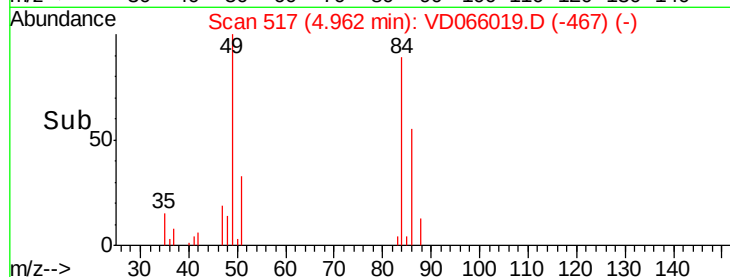
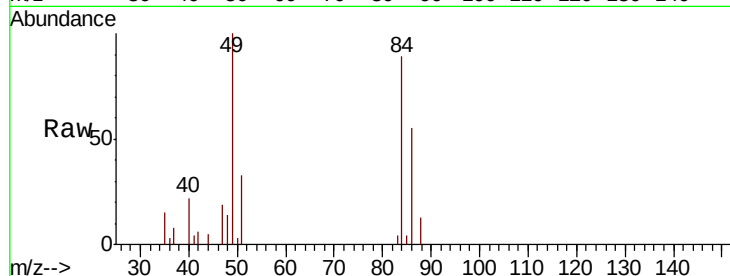




#20
Methylene Chloride
Concen: 7.381 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

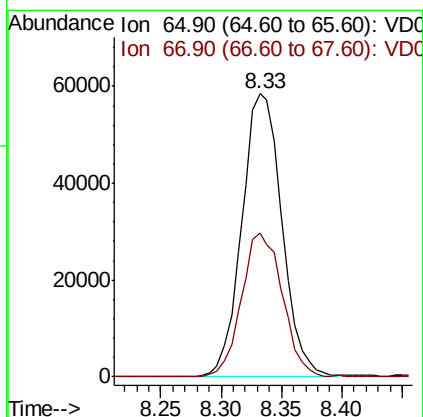
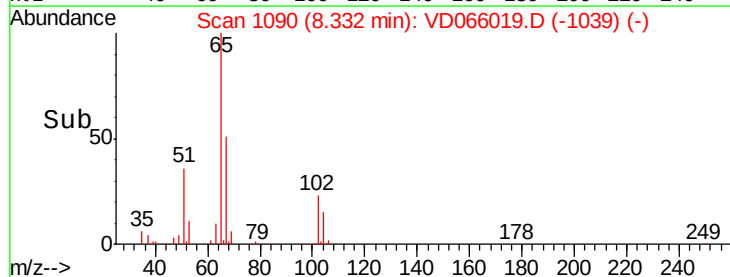
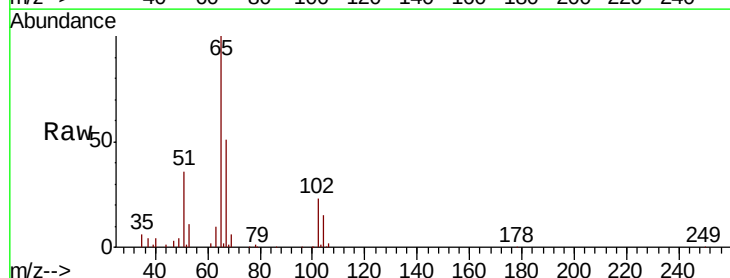
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

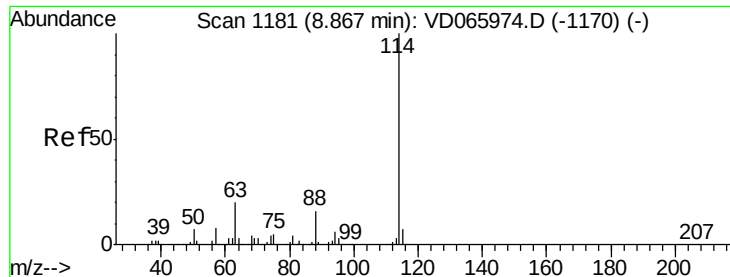
Tot Ion: 84 Resp: 26152
Ion Ratio Lower Upper
84 100
49 111.9 97.7 146.5
51 36.8 27.4 41.2
86 61.3 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 57.481 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

Tgt Ion: 65 Resp: 135547
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0

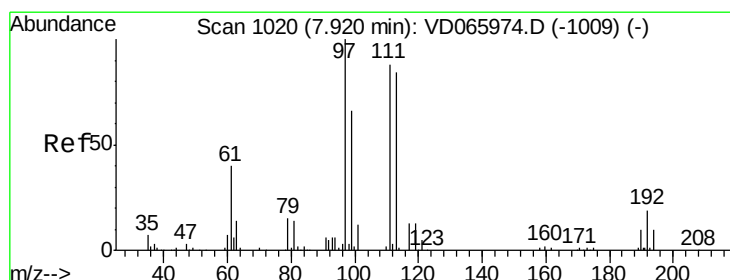
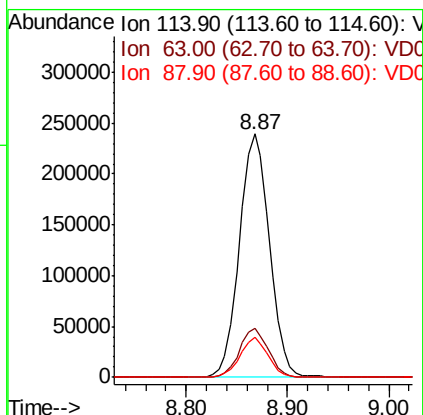
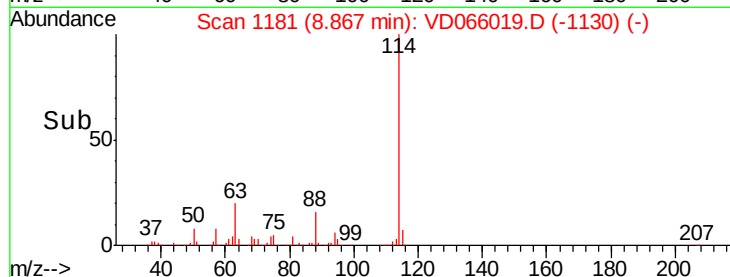
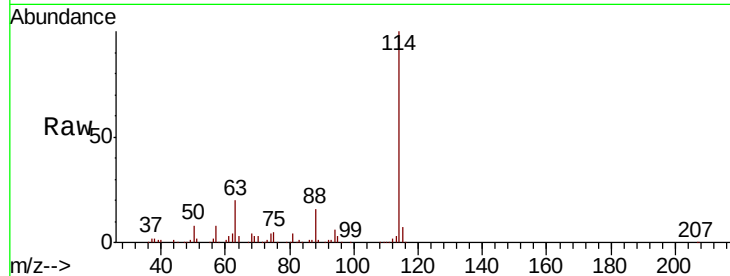




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

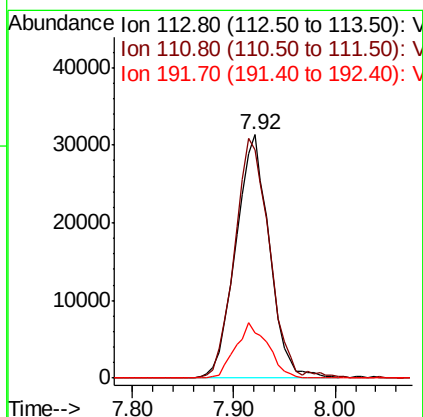
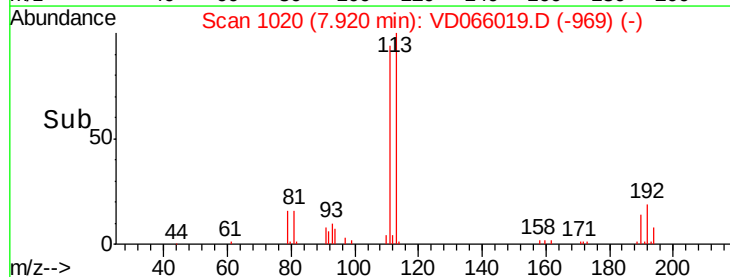
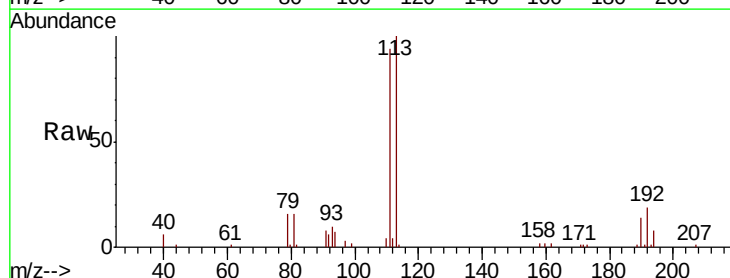
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

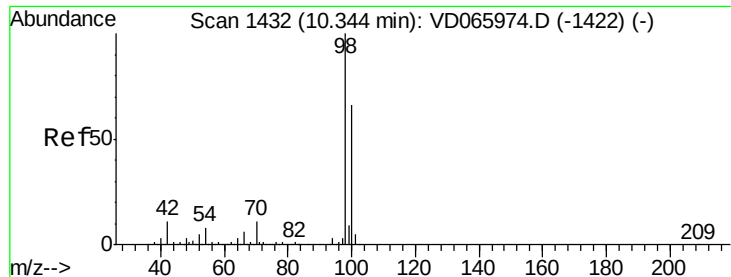
Tot Ion:114 Resp: 494580
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.6
88 16.4 0.0 31.2



#35
Dibromofluoromethane
Concen: 24.051 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

Tgt Ion:113 Resp: 72148
Ion Ratio Lower Upper
113 100
111 100.7 83.2 124.8
192 21.8 18.7 28.1





#50

Toluene-d8

Concen: 54.287 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD066019.D

Acq: 23 Jul 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

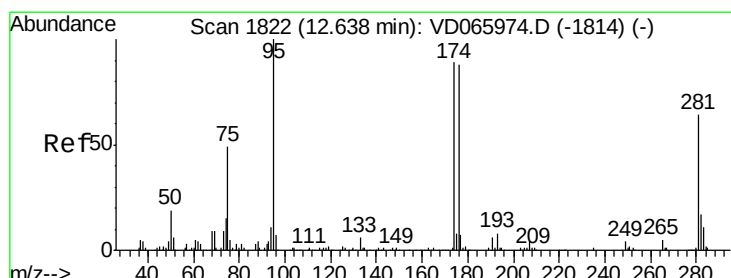
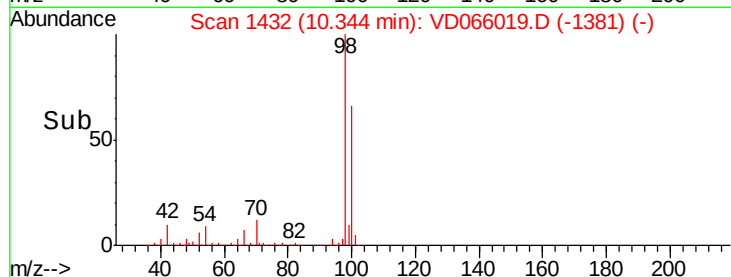
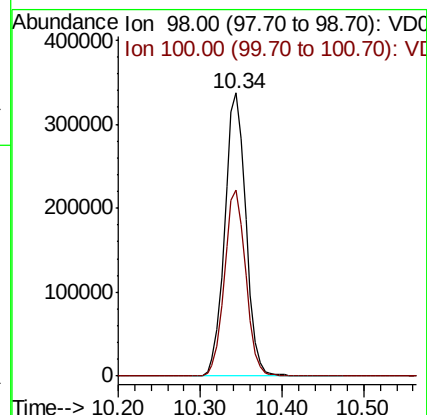
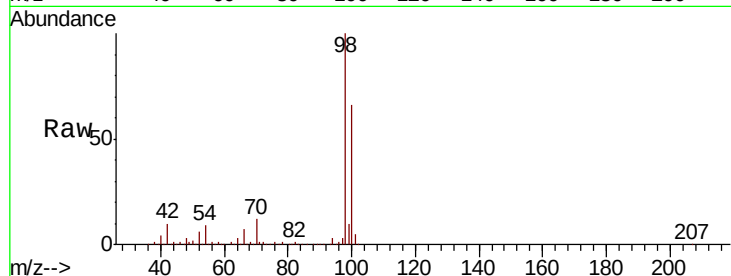
SP-2RE

Tot Ion: 98 Resp: 606651

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 61.004 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066019.D

Acq: 23 Jul 2020 12:51

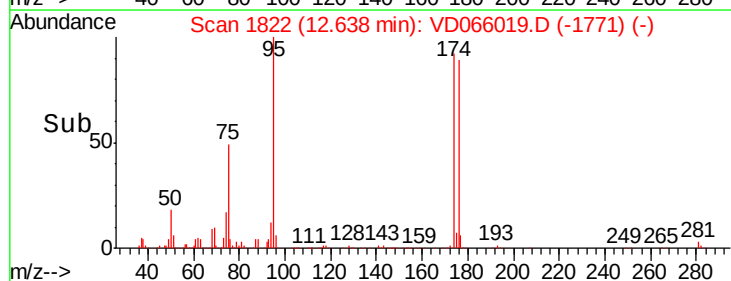
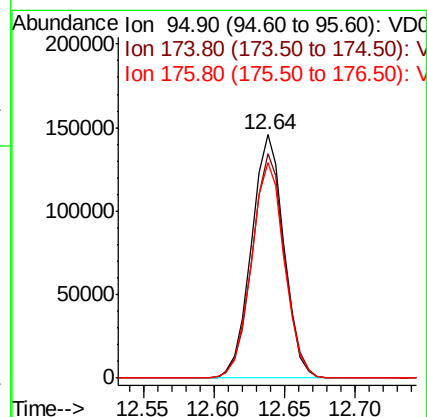
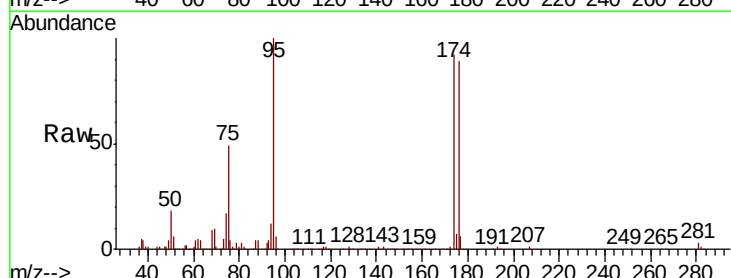
Tgt Ion: 95 Resp: 236378

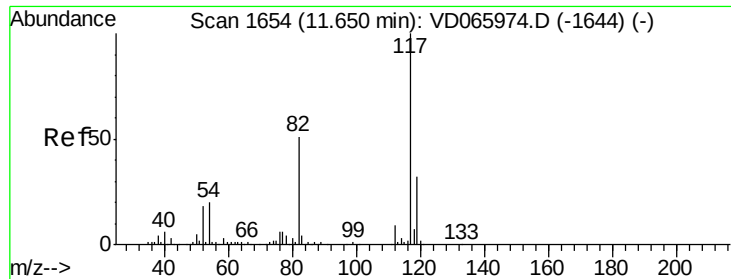
Ion Ratio Lower Upper

95 100

174 92.2 0.0 178.8

176 89.6 0.0 172.6

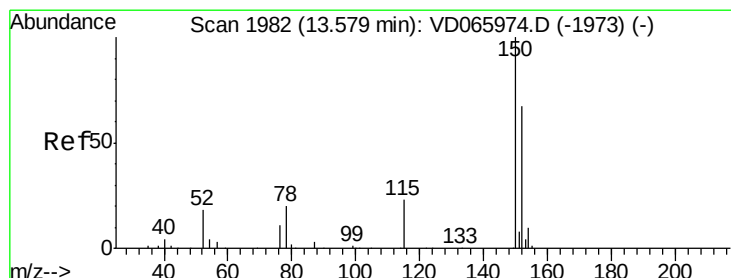
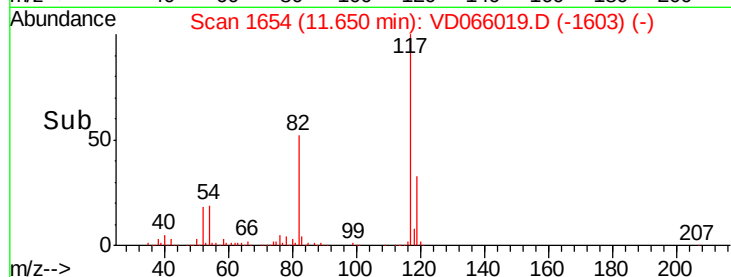
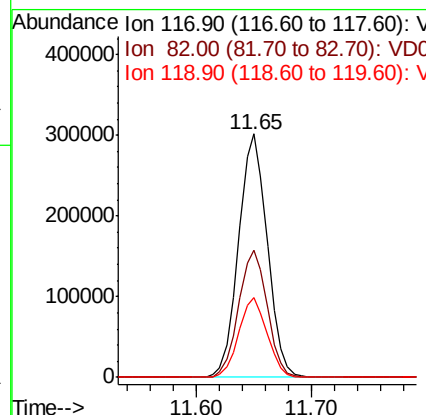
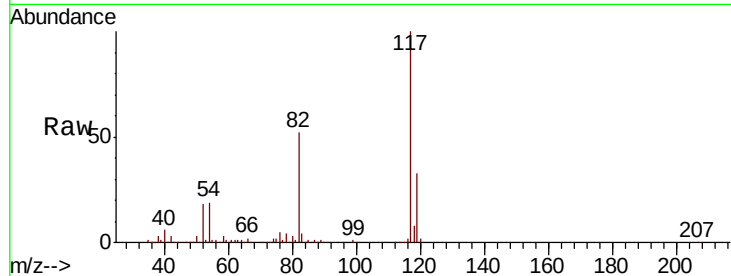




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

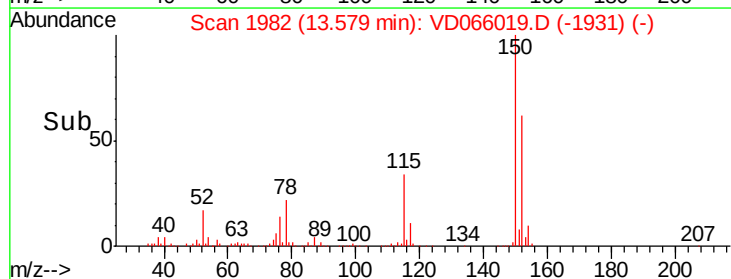
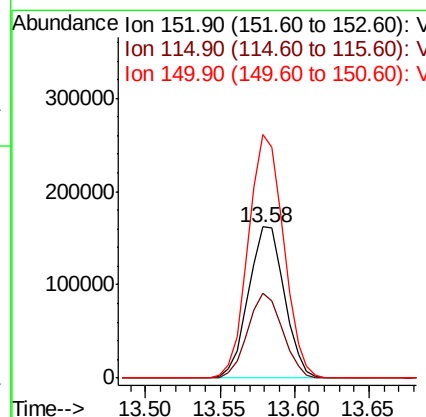
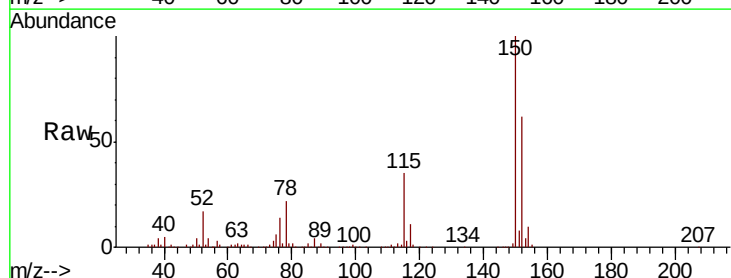
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

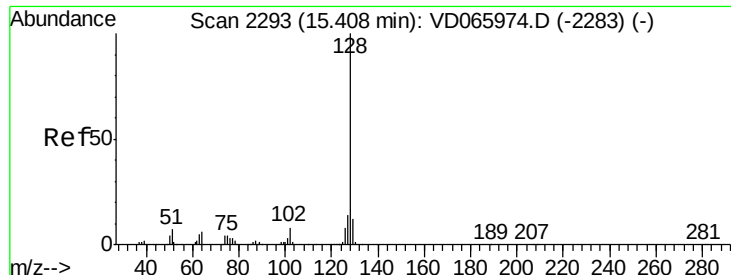
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.1	61.7
119	32.5	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066019.D
Acq: 23 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.9	83.7
150	158.5	0.0	348.2





#95

Naphthalene

Concen: 5.096 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066019.D

Acq: 23 Jul 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

SP-2RE

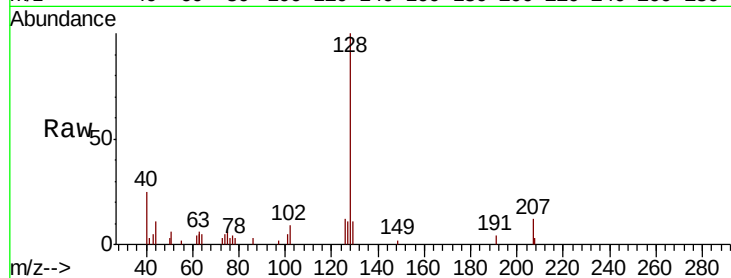
Tot Ion:128 Resp: 14277

Ion Ratio Lower Upper

128 100

127 11.3 10.8 16.2

129 12.0 8.9 13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

