

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066020.D
 Acq On : 23 Jul 2020 13:18
 Operator : VA/SY
 Sample : L3360-04RE
 Misc : 6.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3RE

Quant Time: Jul 24 03:53:10 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

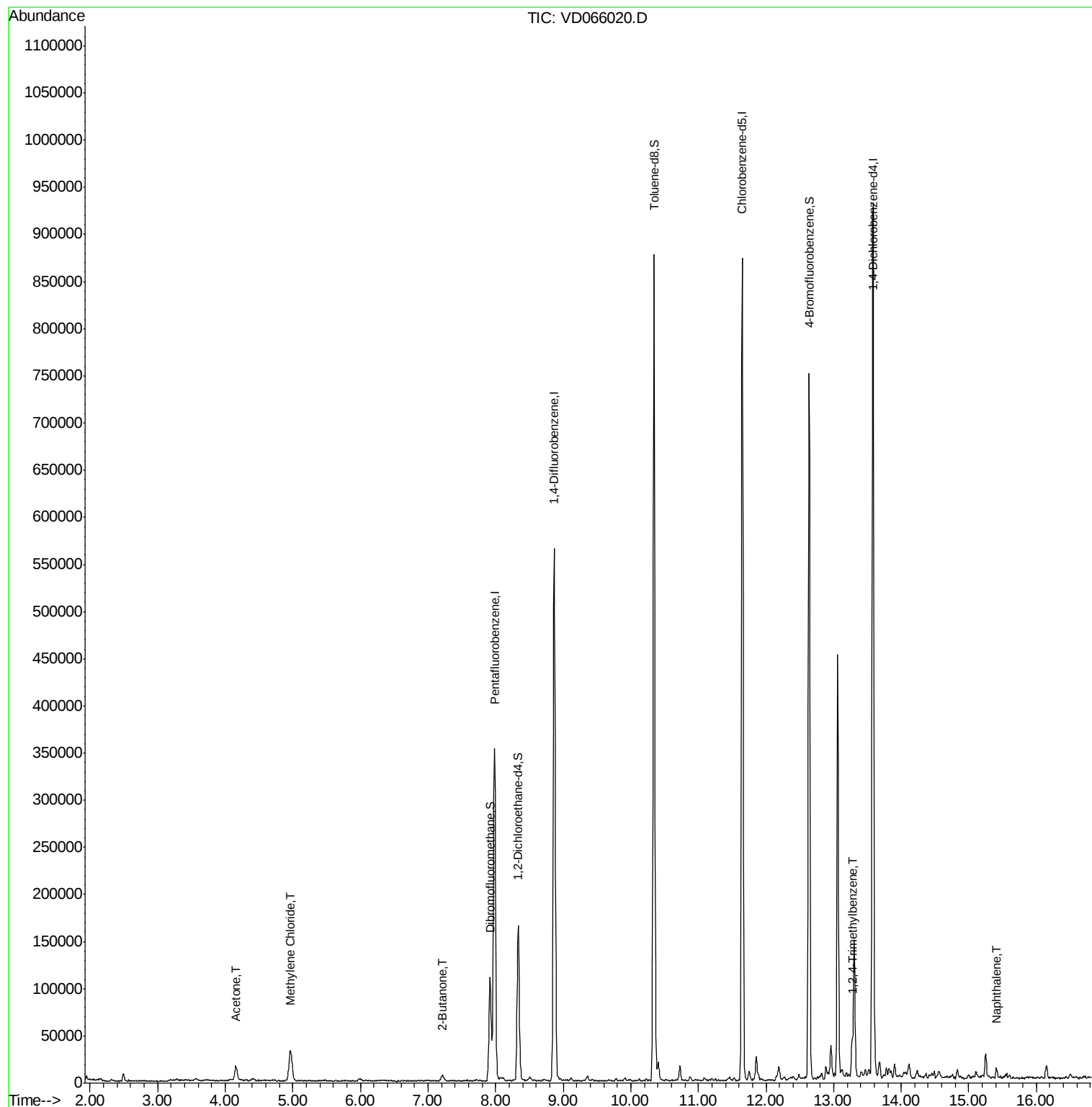
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	286634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	493281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	516915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	132312	56.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.46%	
35) Dibromofluoromethane	7.92	113	76237	25.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.96%	
50) Toluene-d8	10.34	98	587385	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.64	95	235261	60.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.76%	
Target Compounds						
16) Acetone	4.16	43	27848	58.988	ug/l	93
20) Methylene Chloride	4.96	84	27508	8.050	ug/l	86
25) 2-Butanone	7.21	43	6746	10.769	ug/l	93
84) 1,2,4-Trimethylbenzene	13.27	105	21330	1.643	ug/l	97
95) Naphthalene	15.41	128	9288	4.574	ug/l	98

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

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QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066020.D

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Instrument :

MSVOA_D

ClientSampleId :

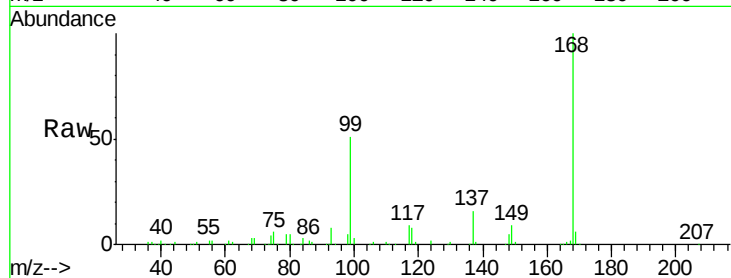
SP-3RE

Tot Ion:168 Resp: 286634

Ion Ratio Lower Upper

168 100

99 50.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

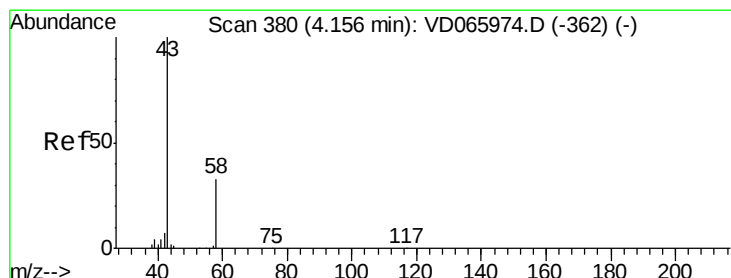
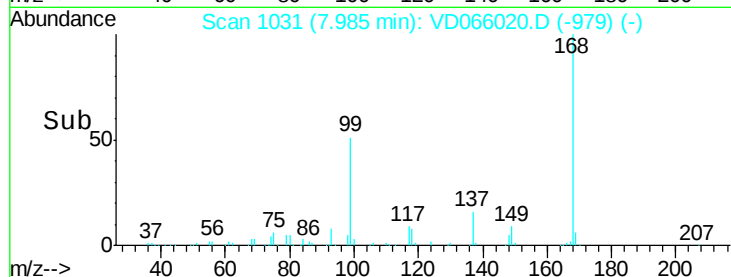
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 58.988 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066020.D

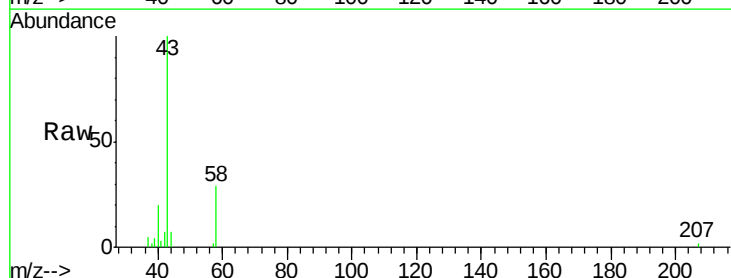
Acq: 23 Jul 2020 13:18

Tgt Ion: 43 Resp: 27848

Ion Ratio Lower Upper

43 100

58 29.1 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

12000

10000

8000

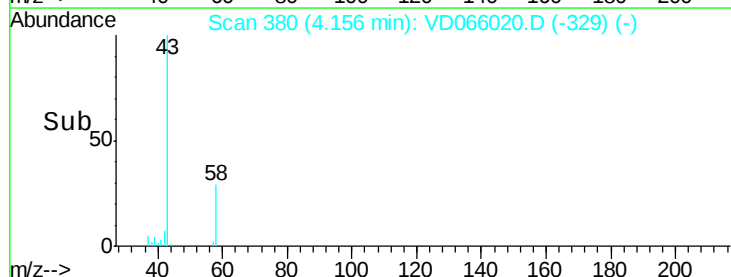
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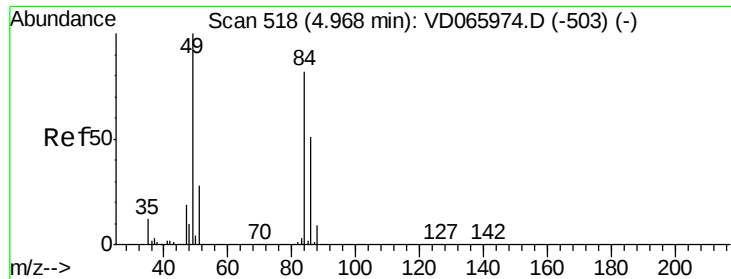
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Time-->

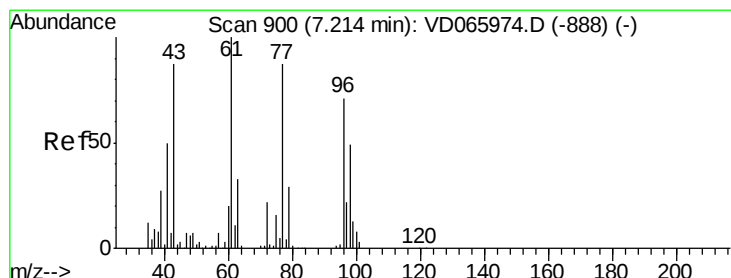
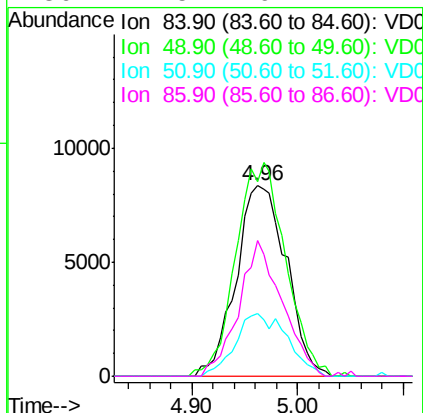
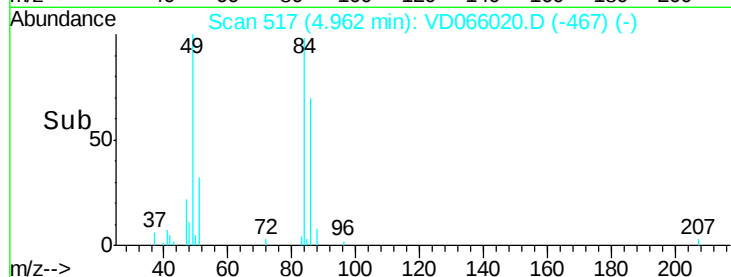
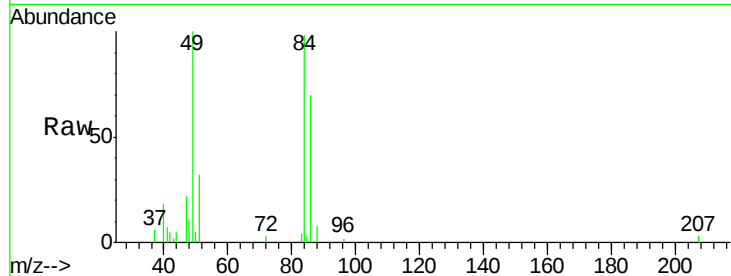




#20
Methylene Chloride
Concen: 8.050 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066020.D
Acq: 23 Jul 2020 13:18

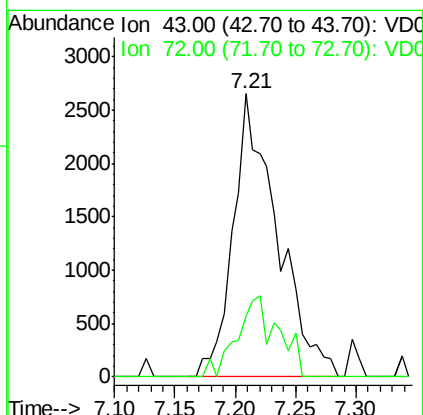
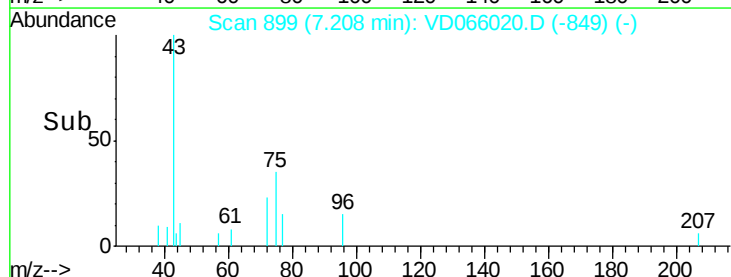
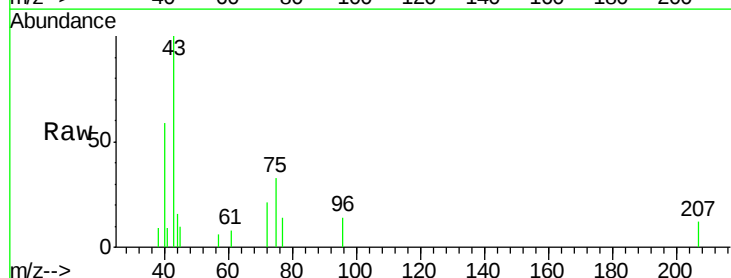
Instrument :
MSVOA_D
ClientSampleId :
SP-3RE

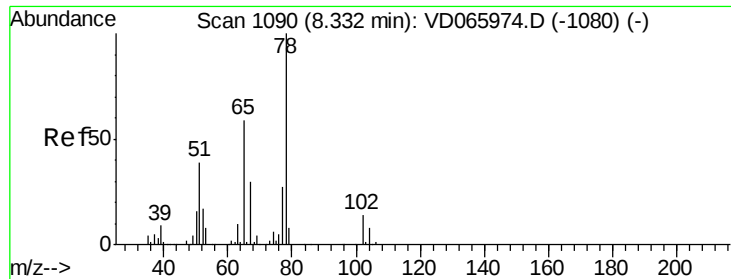
Tot Ion: 84 Resp: 27508
Ion Ratio Lower Upper
84 100
49 101.8 97.7 146.5
51 33.0 27.4 41.2
86 71.5 49.4 74.2



#25
2-Butanone
Concen: 10.769 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD066020.D
Acq: 23 Jul 2020 13:18

Tgt Ion: 43 Resp: 6746
Ion Ratio Lower Upper
43 100
72 21.4 20.2 30.2

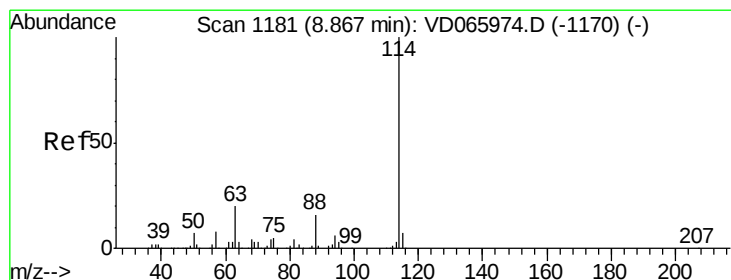
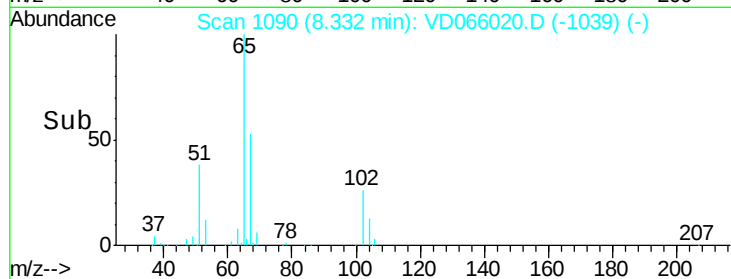
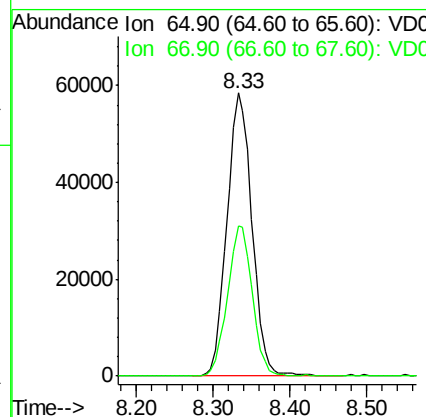
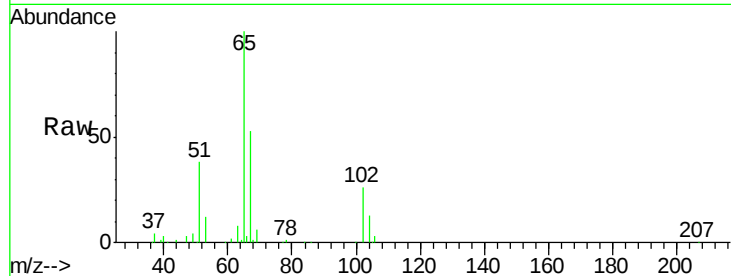




#33
 1,2-Dichloroethane-d4
 Concen: 56.730 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066020.D
 Acq: 23 Jul 2020 13:18

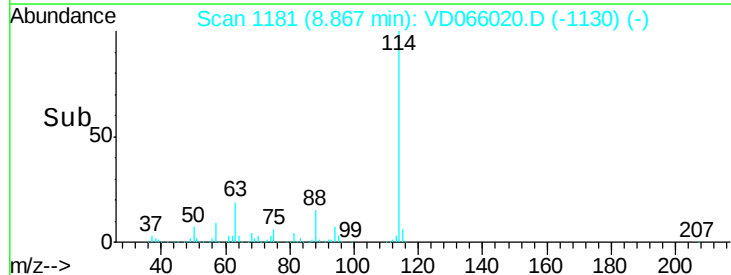
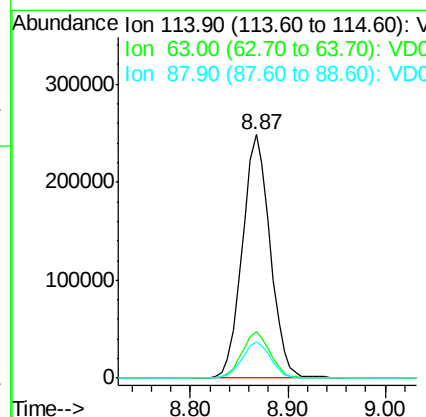
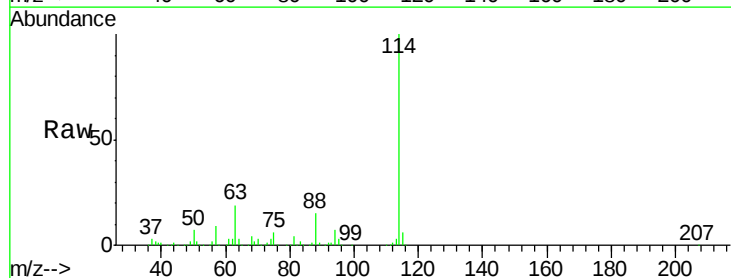
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3RE

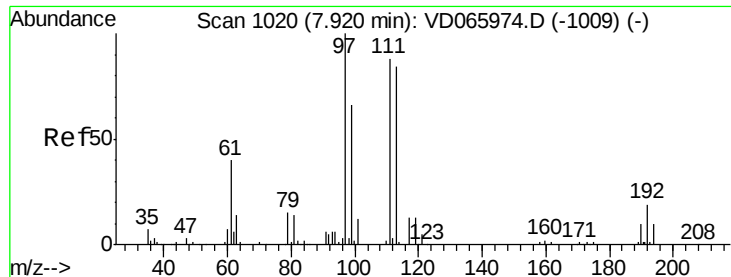
Tot Ion: 65 Resp: 132312
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066020.D
 Acq: 23 Jul 2020 13:18

Tgt Ion: 114 Resp: 493281
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 14.7 0.0 31.2

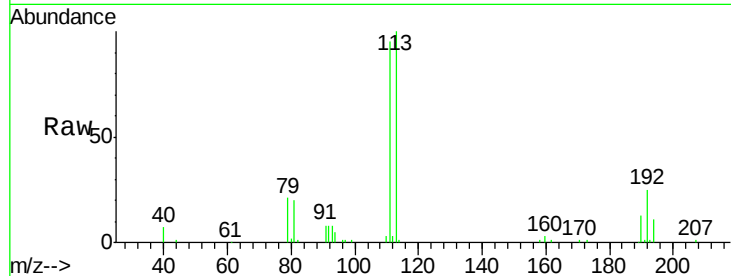




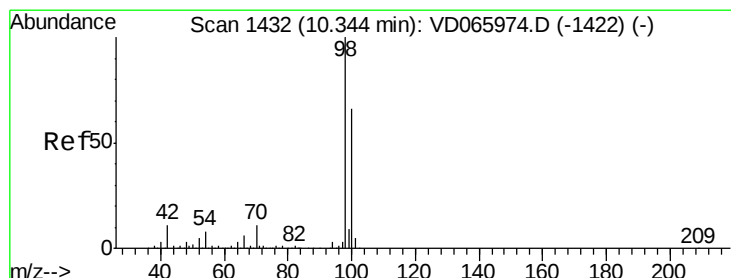
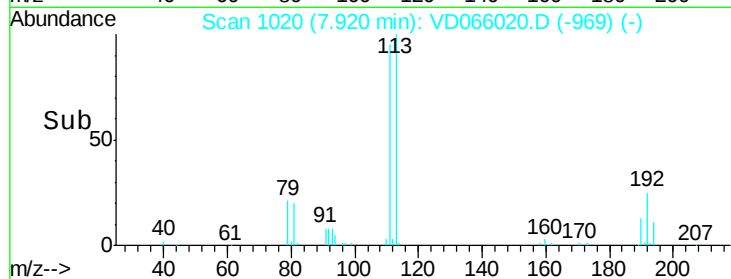
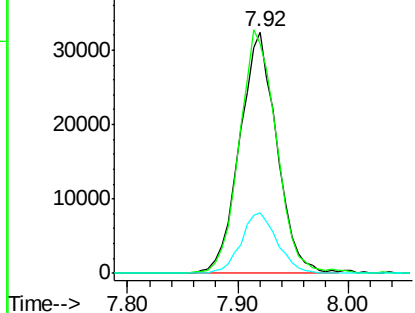
#35
Dibromofluoromethane
Concen: 25.481 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD066020.D
Acq: 23 Jul 2020 13:18

Instrument :
MSVOA_D
ClientSampleId :
SP-3RE

Tot Ion:113 Resp: 76237
Ion Ratio Lower Upper
113 100
111 101.1 83.2 124.8
192 24.3 18.7 28.1

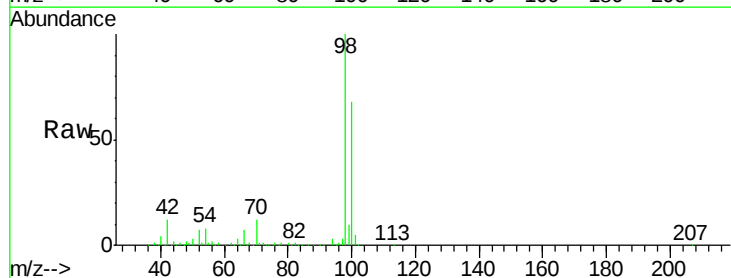


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

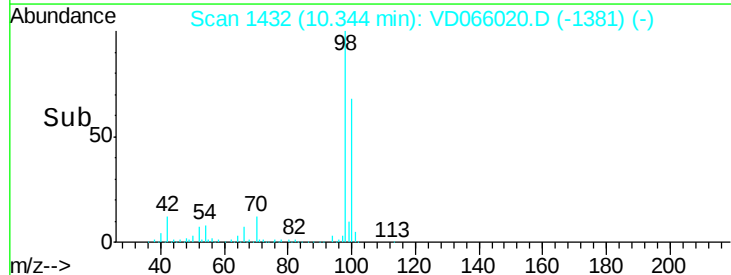
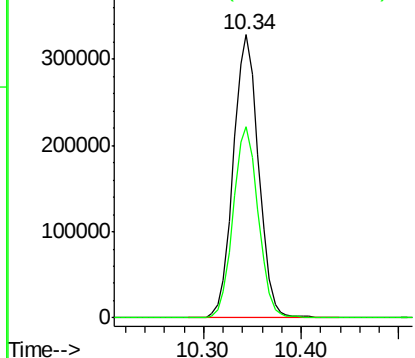


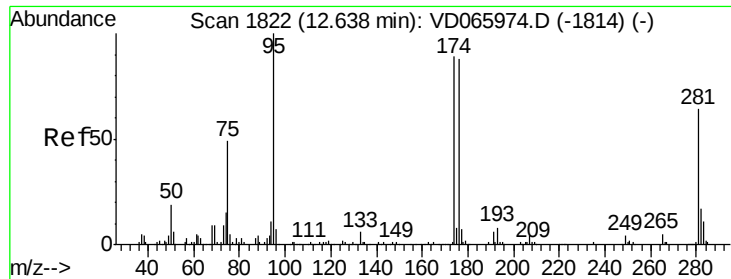
#50
Toluene-d8
Concen: 52.701 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066020.D
Acq: 23 Jul 2020 13:18

Tgt Ion: 98 Resp: 587385
Ion Ratio Lower Upper
98 100
100 67.1 52.7 79.1



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

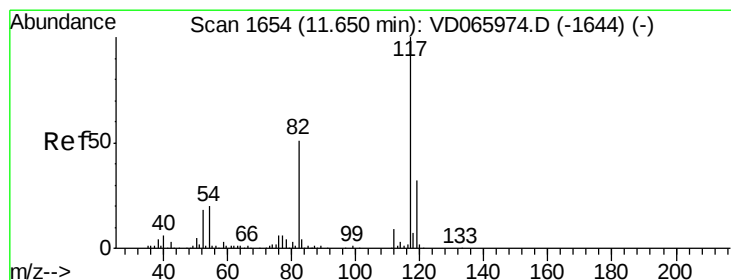
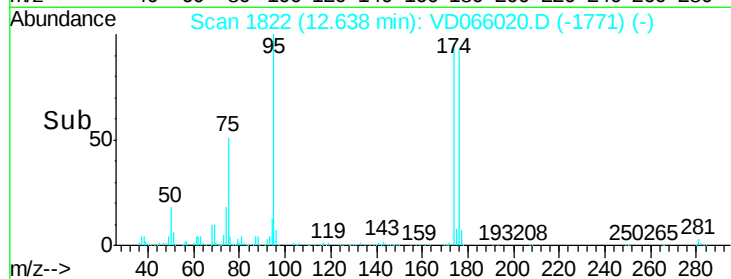
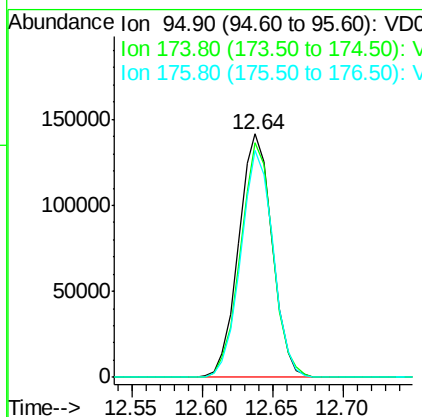
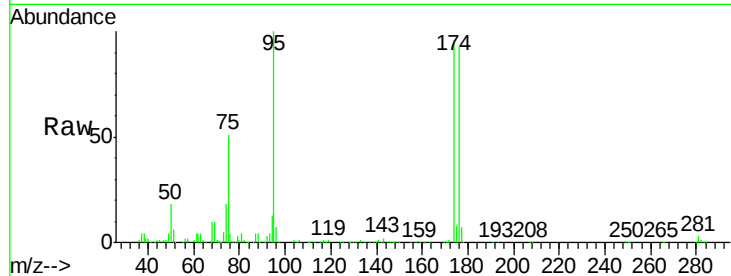




#62
4-Bromofluorobenzene
Concen: 60.876 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066020.D
Acq: 23 Jul 2020 13:18

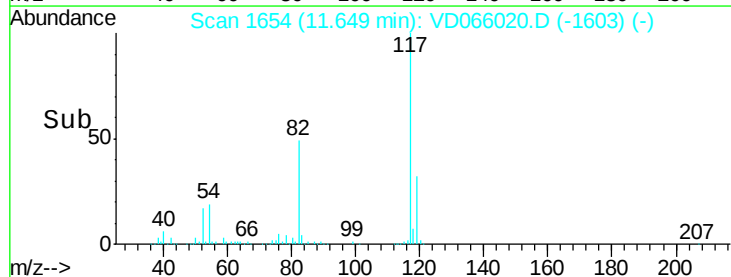
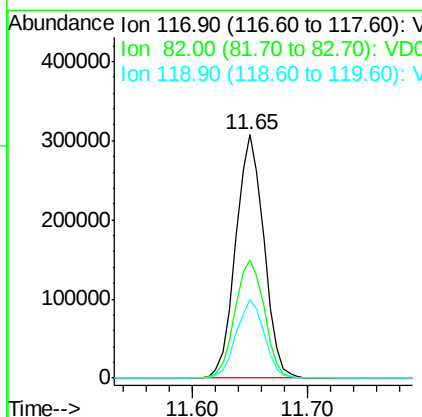
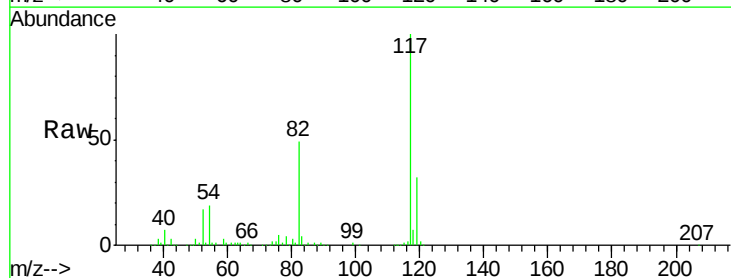
Instrument :
MSVOA_D
ClientSampleId :
SP-3RE

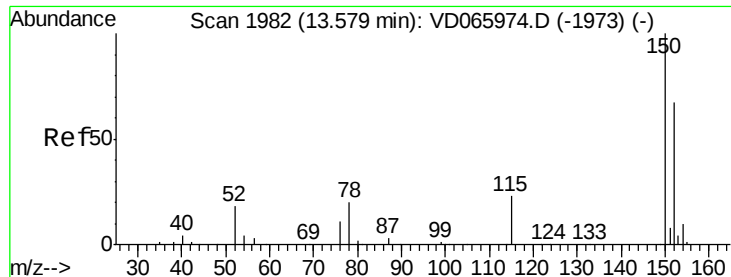
Tot Ion: 95 Resp: 235261
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.8
176 90.0 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066020.D
Acq: 23 Jul 2020 13:18

Tgt Ion: 117 Resp: 516915
Ion Ratio Lower Upper
117 100
82 48.6 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# 1983

Delta R.T. 0.01 min

Lab File: VD066020.D

Acq: 23 Jul 2020 13:18

Instrument :

MSVOA_D

ClientSampleId :

SP-3RE

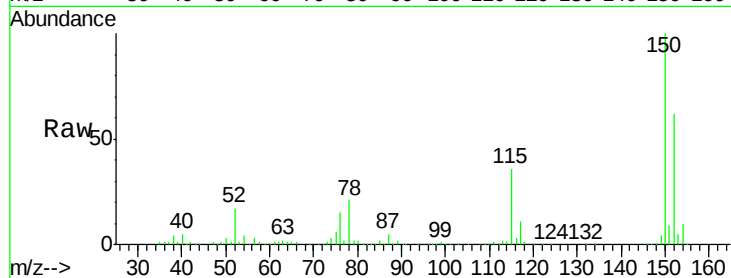
Tot Ion:152 Resp: 264743

Ion Ratio Lower Upper

152 100

115 57.8 27.9 83.7

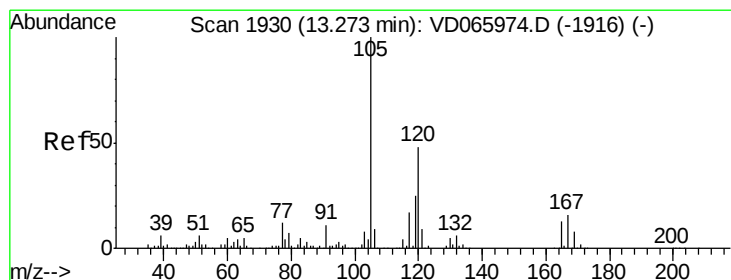
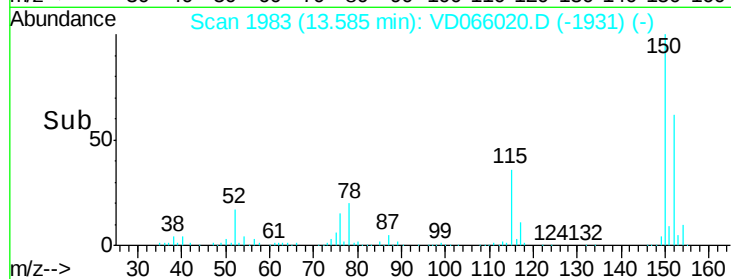
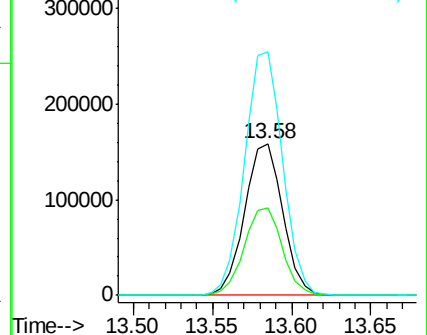
150 160.6 0.0 348.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.643 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066020.D

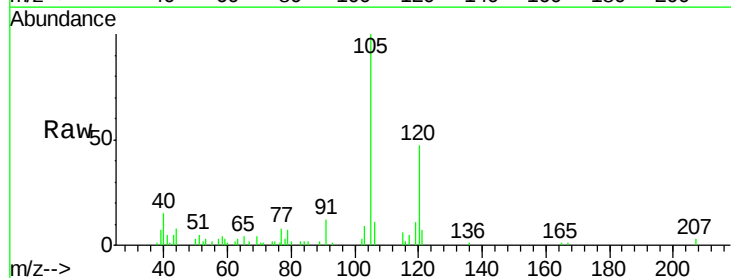
Acq: 23 Jul 2020 13:18

Tgt Ion:105 Resp: 21330

Ion Ratio Lower Upper

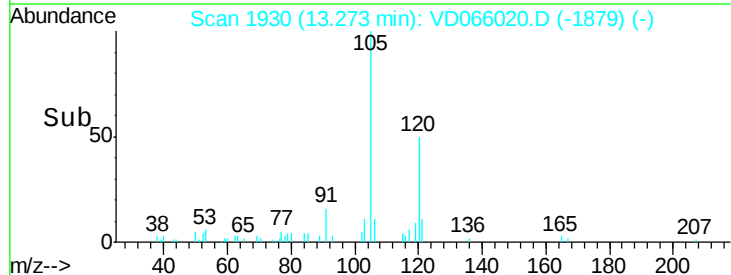
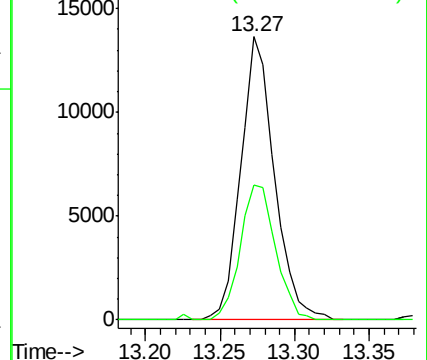
105 100

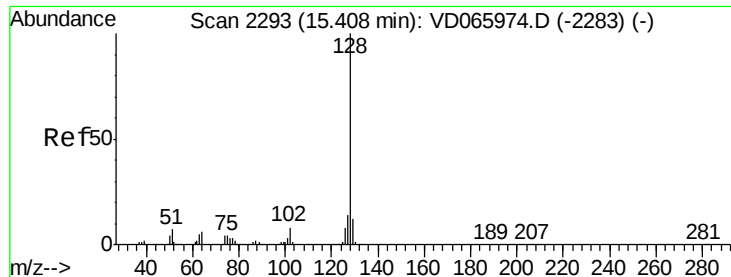
120 49.8 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 4.574 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066020.D

Acq: 23 Jul 2020 13:18

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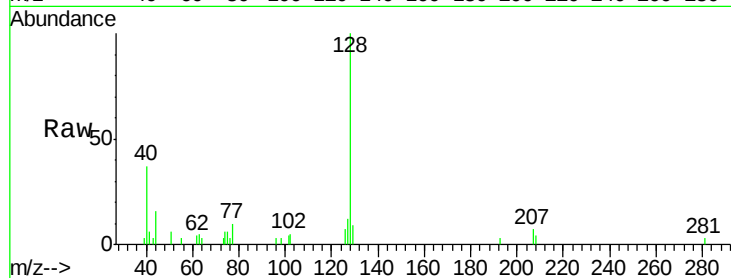
Tot Ion:128 Resp: 9288

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 12.3 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

