

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066025.D
 Acq On : 23 Jul 2020 15:35
 Operator : VA/SY
 Sample : L3381-07
 Misc : 6.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 364-GRID-A7-A8

Quant Time: Jul 24 04:13:38 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

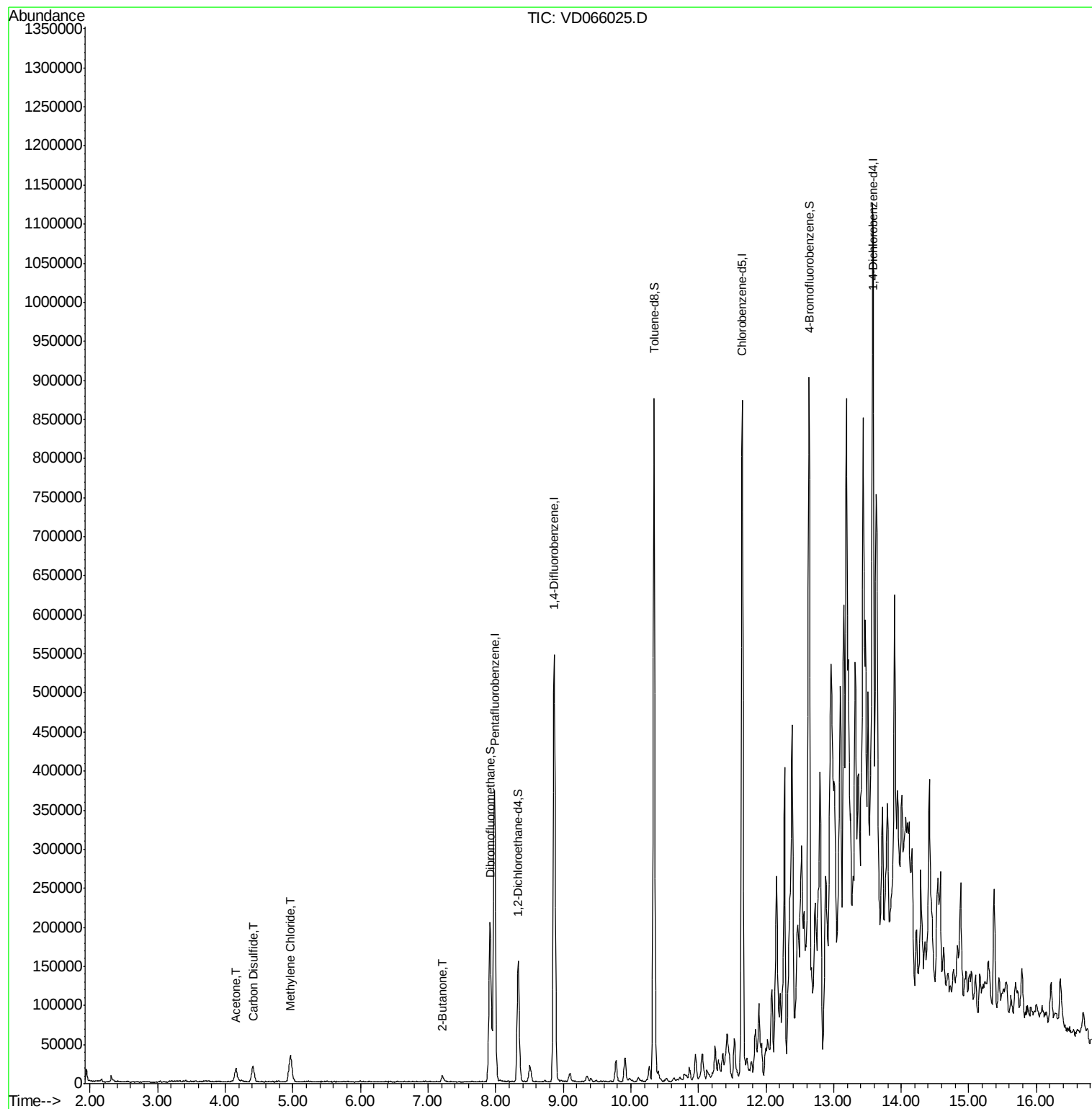
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	303530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	485849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	504867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	251684	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	125115	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
35) Dibromofluoromethane	7.92	113	146741	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.34	98	586099	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.64	95	235758	61.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.88%	
Target Compounds						
16) Acetone	4.16	43	30871	61.752	ug/l	96
17) Carbon Disulfide	4.41	76	40471	4.972	ug/l	100
20) Methylene Chloride	4.97	84	24832	6.398	ug/l	93
25) 2-Butanone	7.21	43	11423	17.220	ug/l #	89

(#) = 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# 1031

Delta R.T. 0.01 min

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MSVOA_D

ClientSampleId :

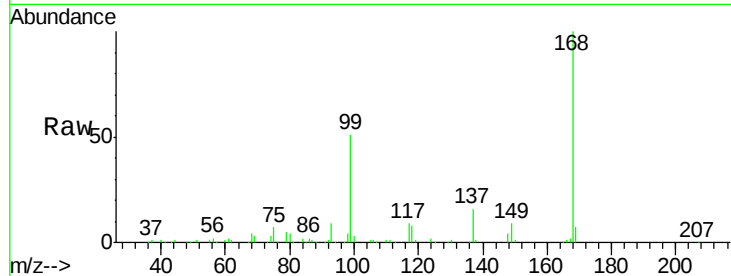
364-GRID-A7-A8

Tot Ion:168 Resp: 303530

Ion Ratio Lower Upper

168 100

99 51.1 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

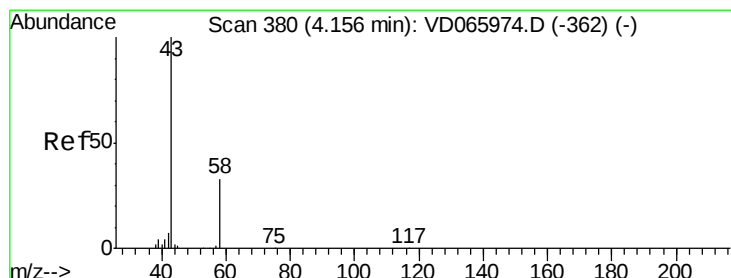
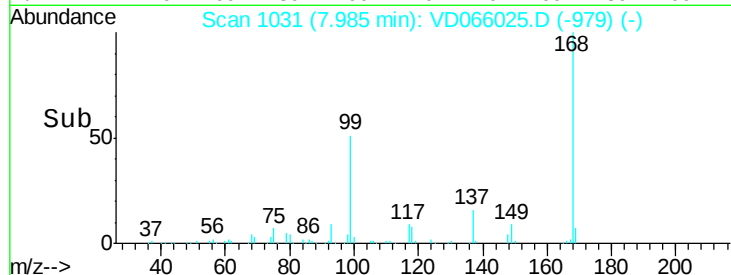
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 61.752 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066025.D

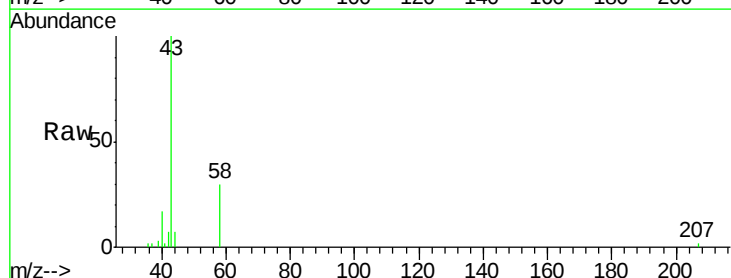
Acq: 23 Jul 2020 15:35

Tgt Ion: 43 Resp: 30871

Ion Ratio Lower Upper

43 100

58 30.4 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

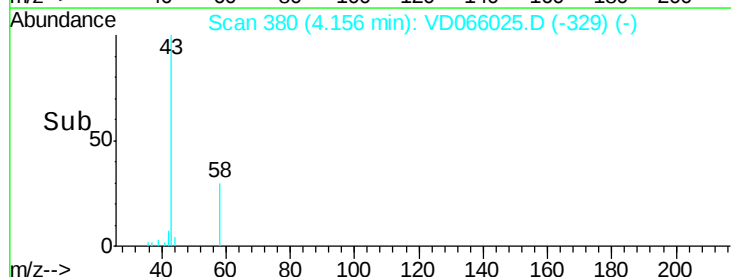
6000

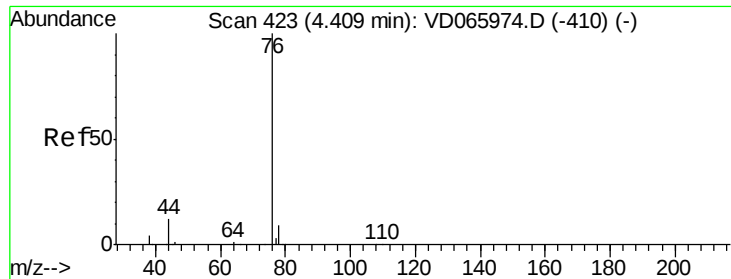
4000

2000

0

Time-->

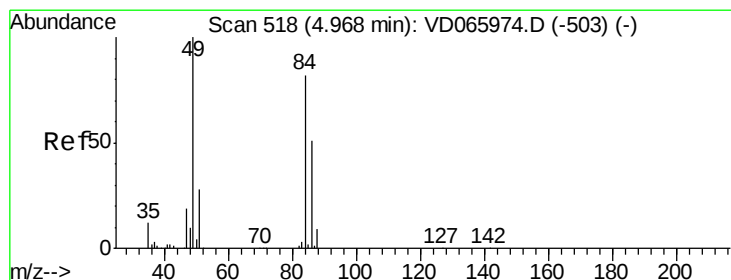
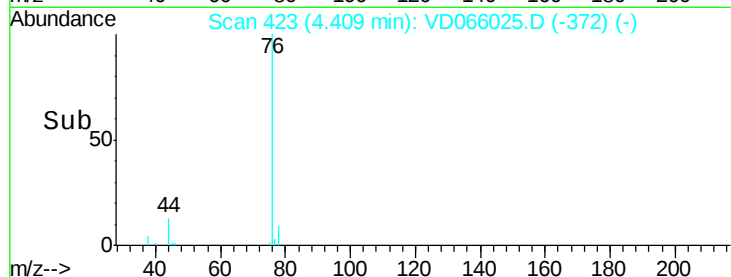
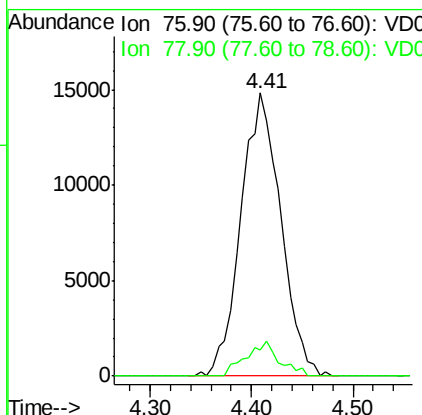
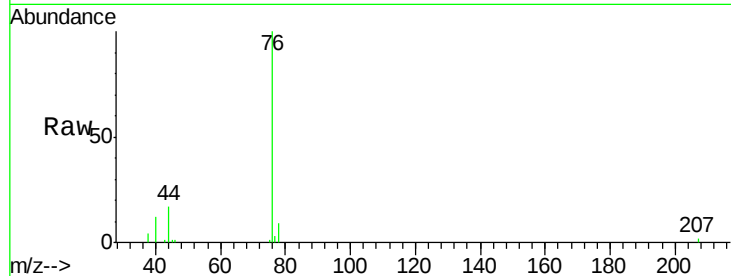




#17
Carbon Disulfide
Concen: 4.972 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD066025.D
Acq: 23 Jul 2020 15:35

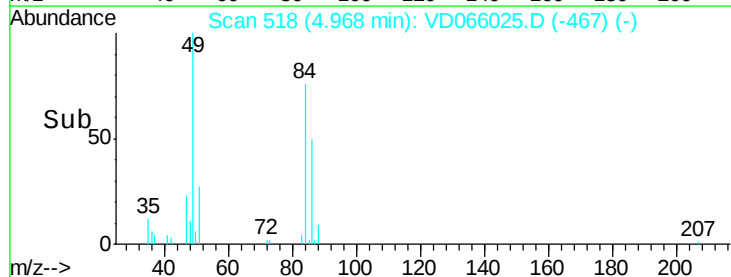
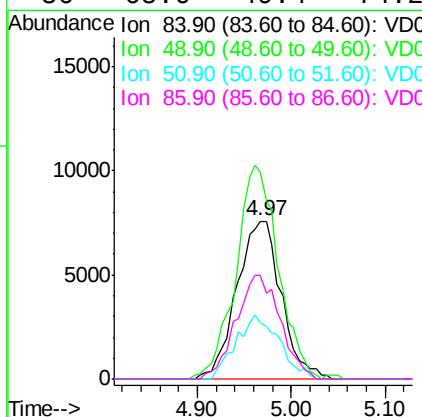
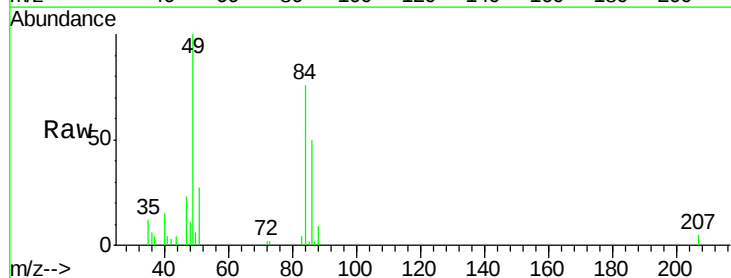
Instrument :
MSVOA_D
ClientSampleId :
364-GRID-A7-A8

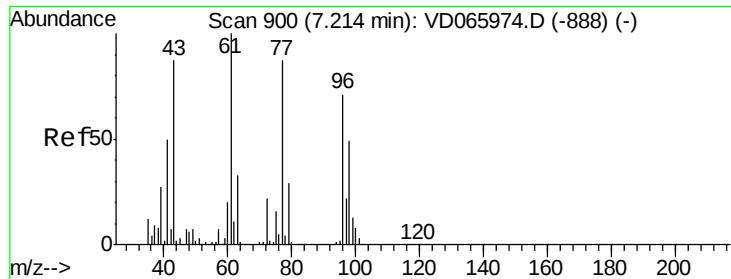
Tot Ion: 76 Resp: 40471
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#20
Methylene Chloride
Concen: 6.398 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066025.D
Acq: 23 Jul 2020 15:35

Tgt Ion: 84 Resp: 24832
Ion Ratio Lower Upper
84 100
49 131.7 97.7 146.5
51 35.9 27.4 41.2
86 65.6 49.4 74.2





#25

2-Butanone

Concen: 17.220 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066025.D

Acq: 23 Jul 2020 15:35

Instrument :

MSVOA_D

ClientSampleId :

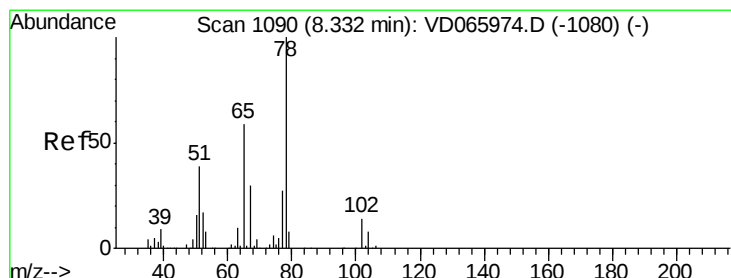
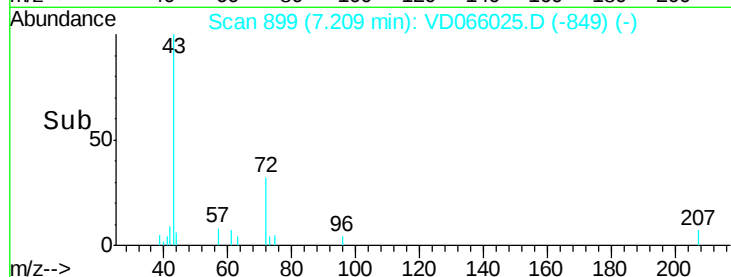
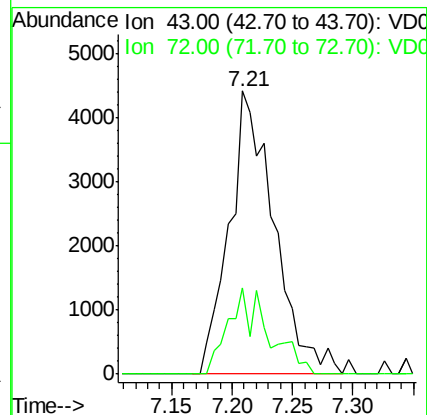
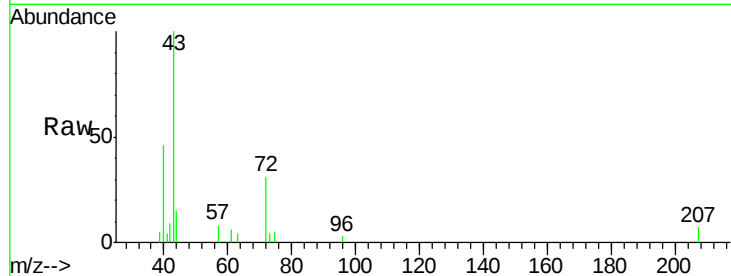
364-GRID-A7-A8

Tot Ion: 43 Resp: 11423

Ion Ratio Lower Upper

43 100

72 30.6 20.2 30.2#



#33

1,2-Dichloroethane-d4

Concen: 50.658 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066025.D

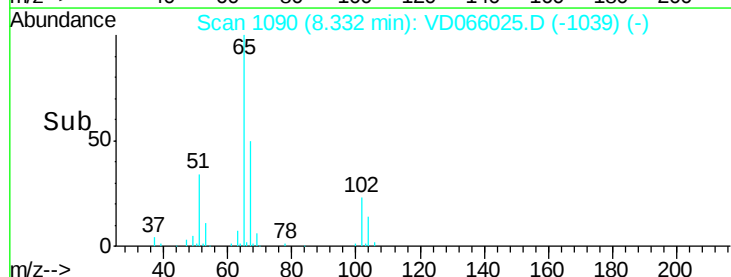
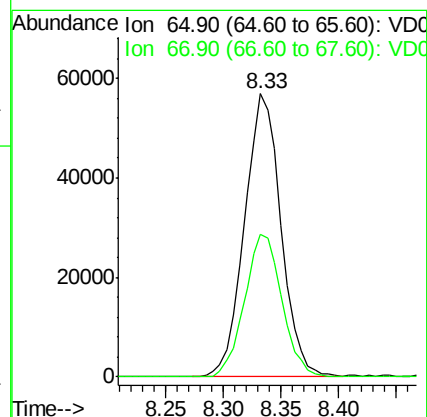
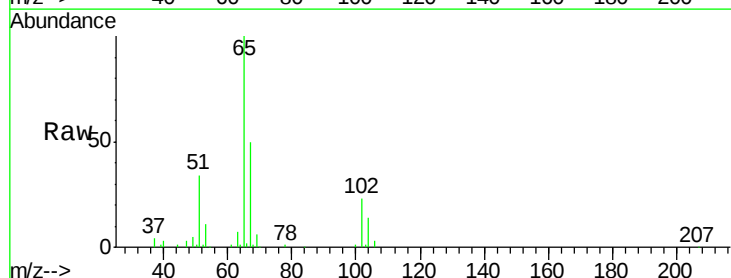
Acq: 23 Jul 2020 15:35

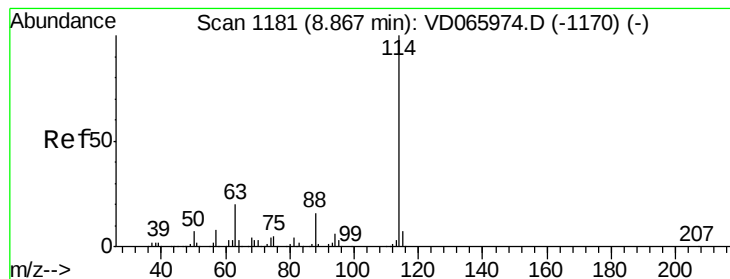
Tgt Ion: 65 Resp: 125115

Ion Ratio Lower Upper

65 100

67 51.7 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: VD066025.D

Acq: 23 Jul 2020 15:35

Instrument :

MSVOA_D

ClientSampleId :

364-GRID-A7-A8

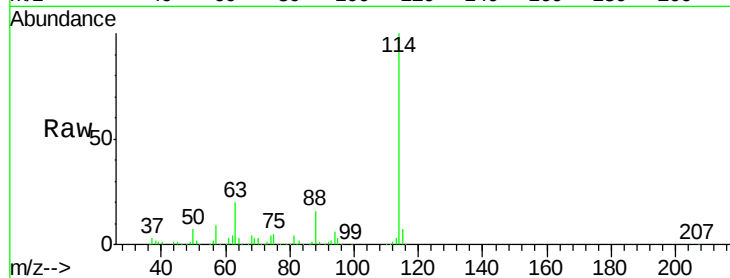
Tot Ion:114 Resp: 485849

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

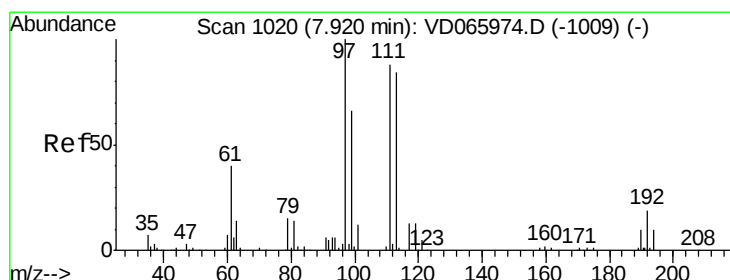
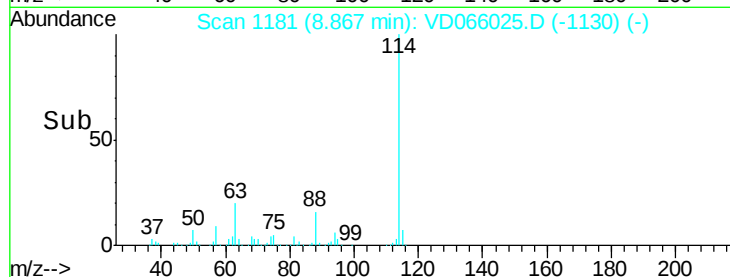
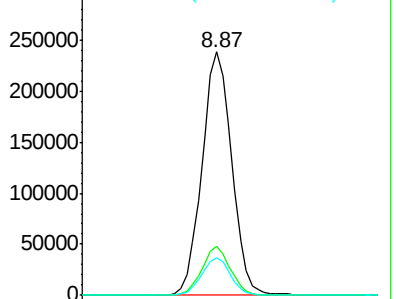
88 15.5 0.0 31.2



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: 49.796 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD066025.D

Acq: 23 Jul 2020 15:35

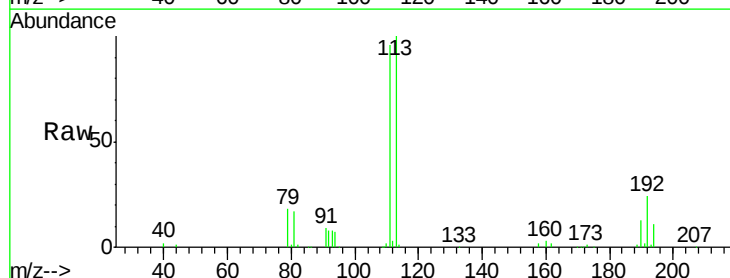
Tgt Ion:113 Resp: 146741

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

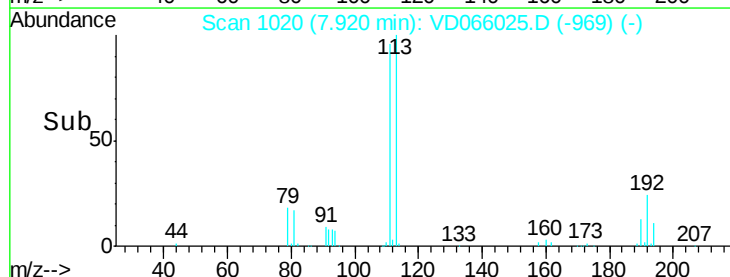
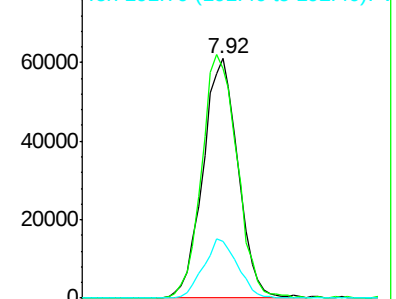
192 24.0 18.7 28.1

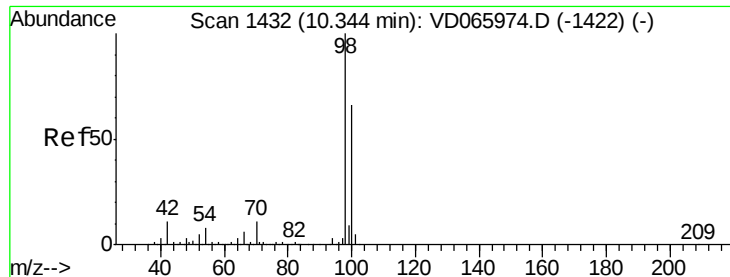


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

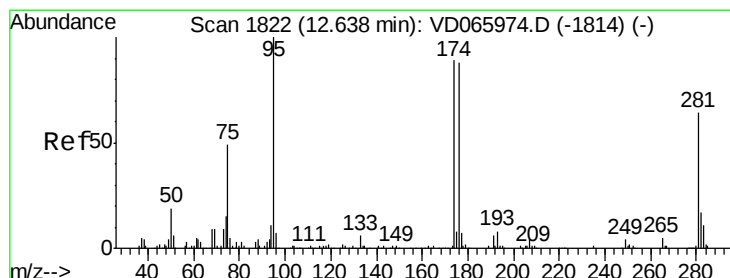
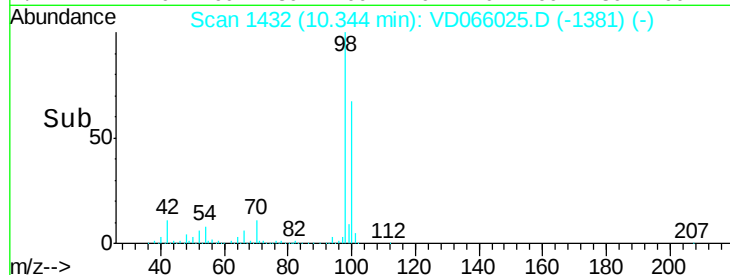
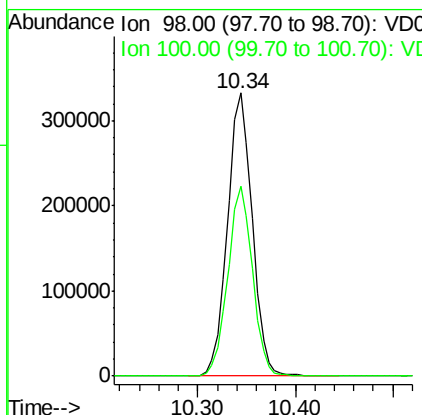
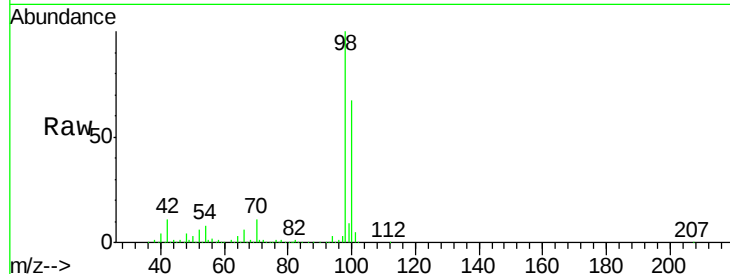




#50
Toluene-d8
Concen: 53.390 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD066025.D
Acq: 23 Jul 2020 15:35

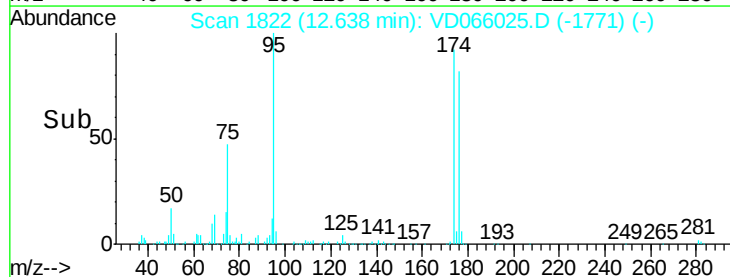
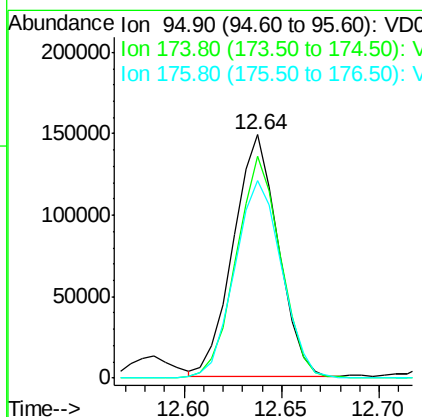
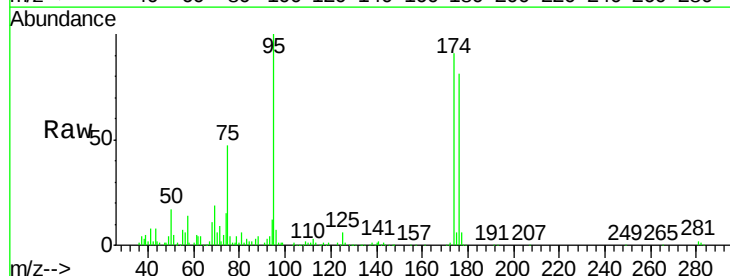
Instrument :
MSVOA_D
ClientSampleId :
364-GRID-A7-A8

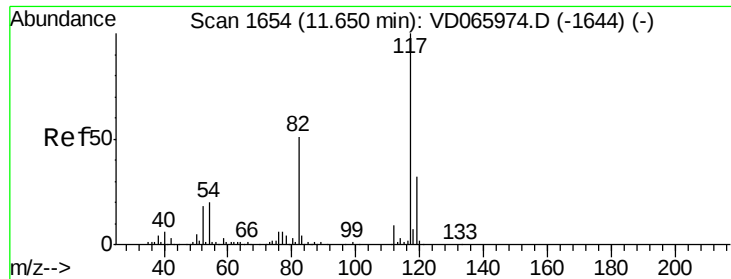
Tot Ion: 98 Resp: 586099
Ion Ratio Lower Upper
98 100
100 67.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 61.937 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066025.D
Acq: 23 Jul 2020 15:35

Tgt Ion: 95 Resp: 235758
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.8
176 85.7 0.0 172.6

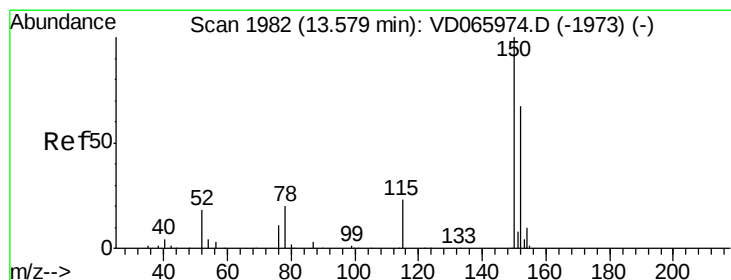
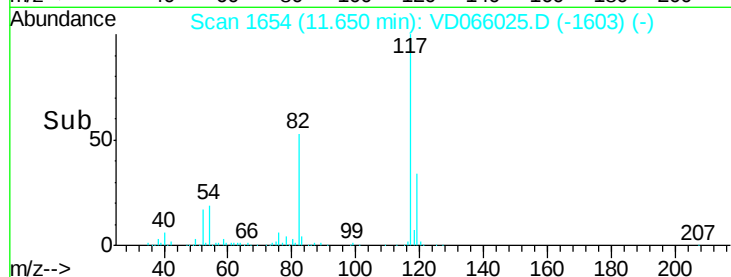
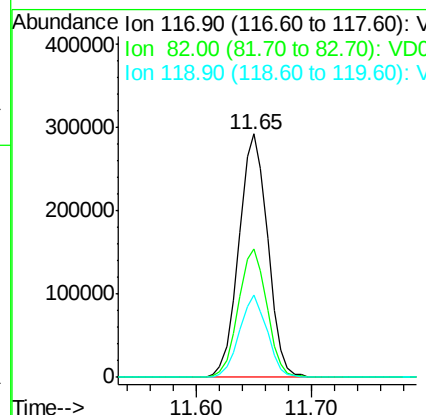
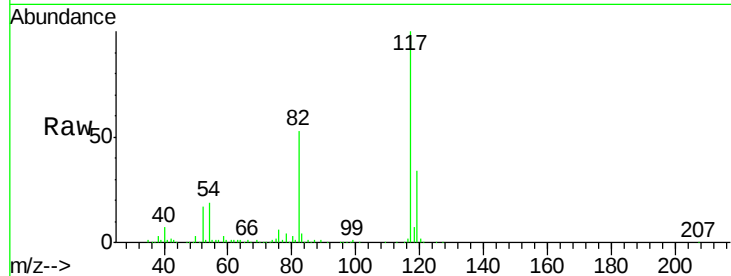




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066025.D
Acq: 23 Jul 2020 15:35

Instrument :
MSVOA_D
ClientSampleId :
364-GRID-A7-A8

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.1	61.7
119	34.0	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: VD066025.D
Acq: 23 Jul 2020 15:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.9	27.9	83.7
150	148.6	0.0	348.2

