

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066119.D
 Acq On : 30 Jul 2020 18:48
 Operator : VA/SY
 Sample : L3507-01
 Misc : 8.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-073020

Quant Time: Jul 31 03:51:10 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

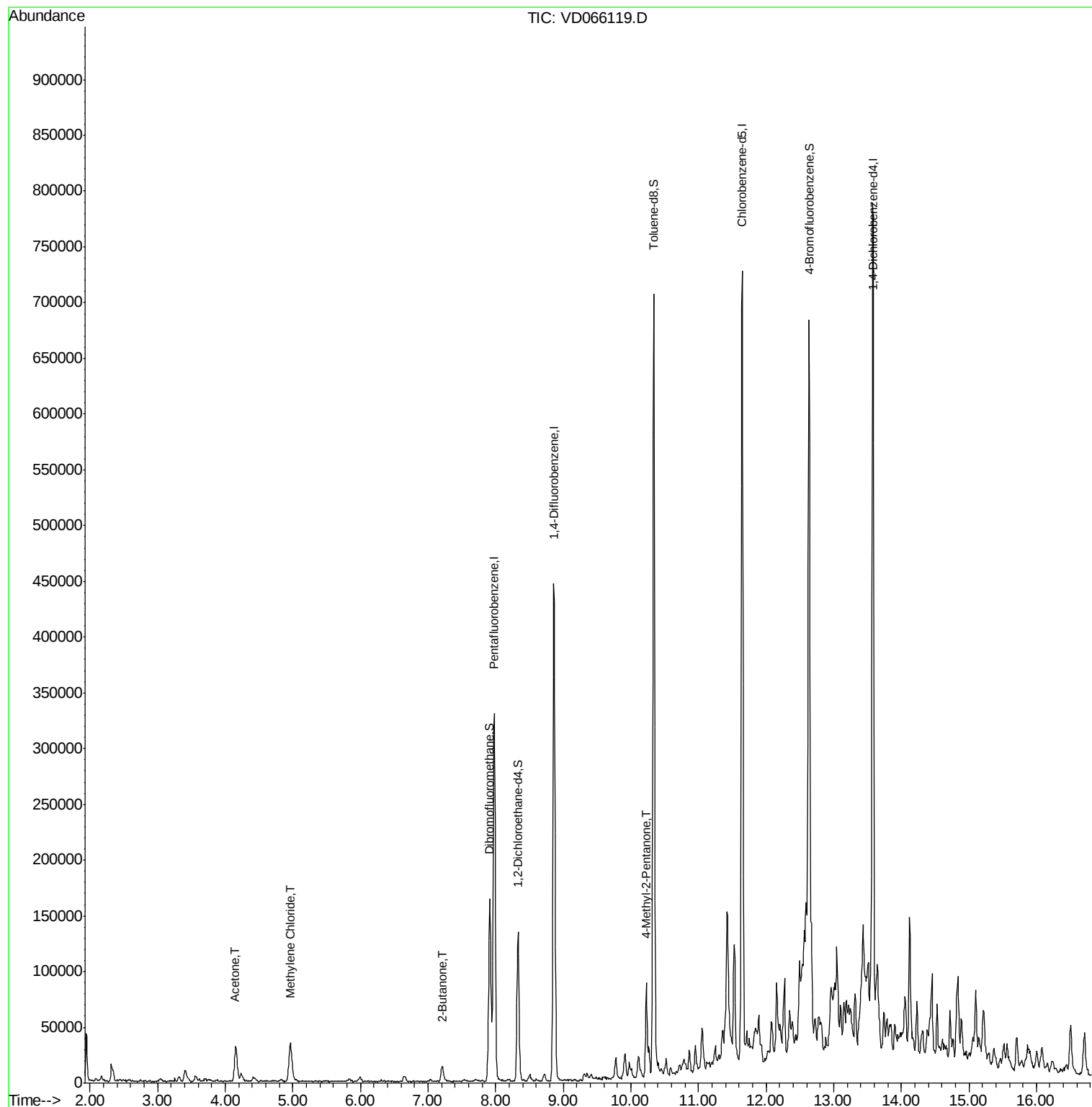
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	255111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	391600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	413015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	199992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	104221	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
35) Dibromofluoromethane	7.91	113	114777	48.32	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	10.34	98	479760	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.64	95	195150	63.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.22%	
Target Compounds						
16) Acetone	4.15	43	56581	134.661	ug/l	94
20) Methylene Chloride	4.96	84	26009	8.749	ug/l	93
25) 2-Butanone	7.21	43	22467	40.297	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	53525	42.613	ug/l	99

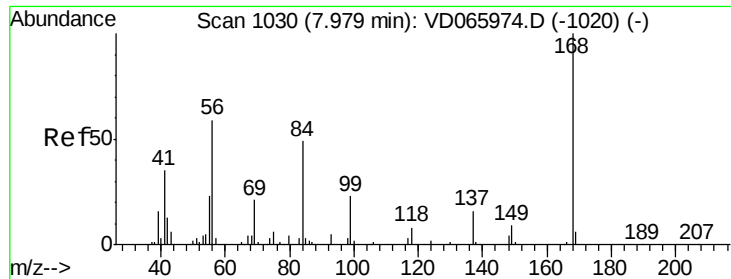
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073020\
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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: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066119.D

Acq: 30 Jul 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

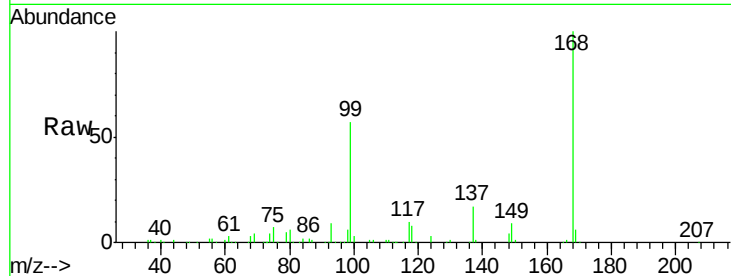
SU-01-073020

Tot Ion:168 Resp: 255111

Ion Ratio Lower Upper

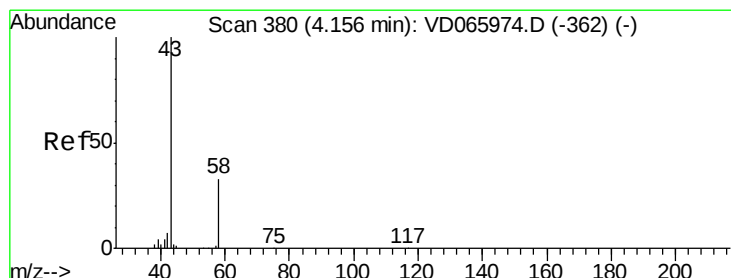
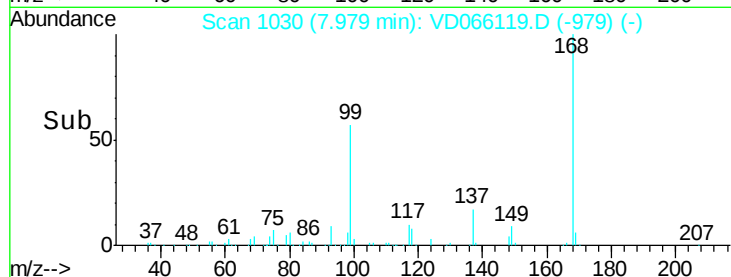
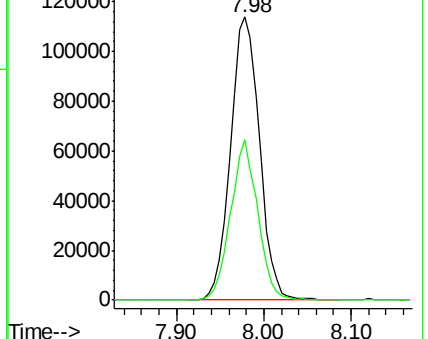
168 100

99 56.7 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: 134.661 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066119.D

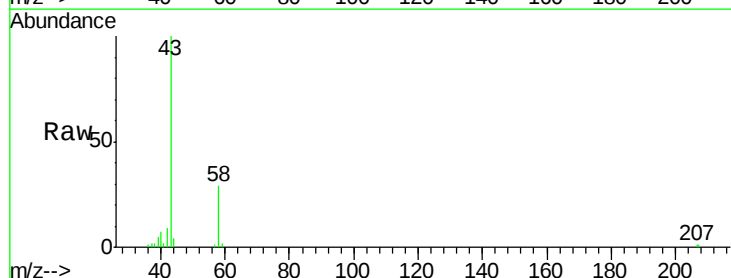
Acq: 30 Jul 2020 18:48

Tgt Ion: 43 Resp: 56581

Ion Ratio Lower Upper

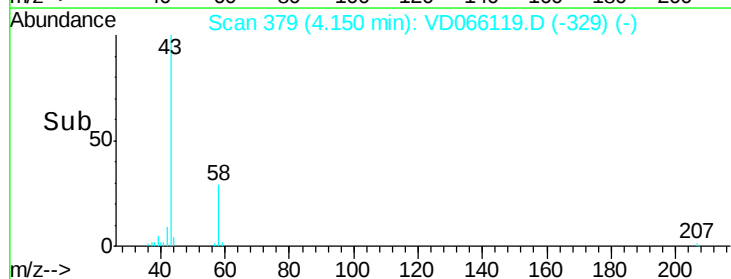
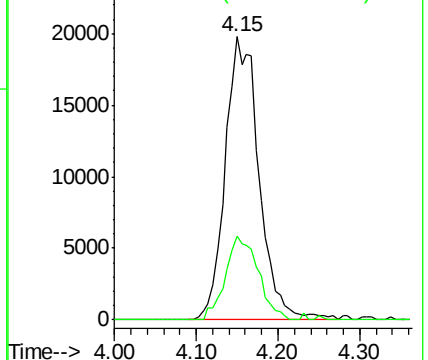
43 100

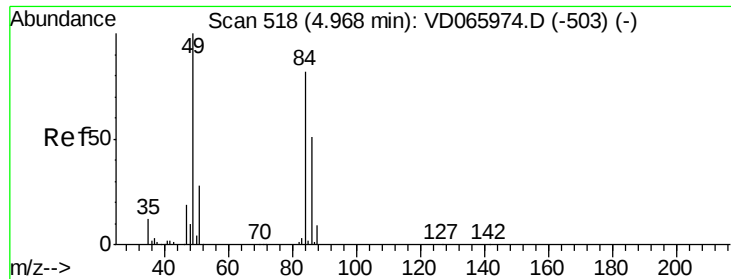
58 29.4 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

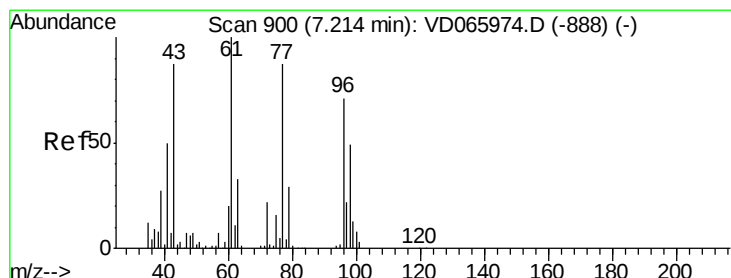
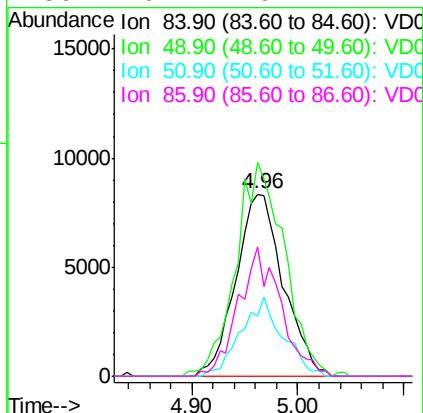
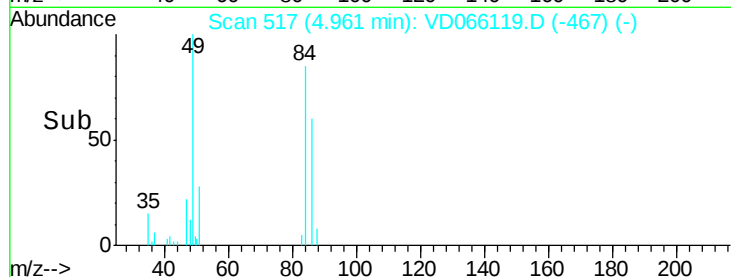
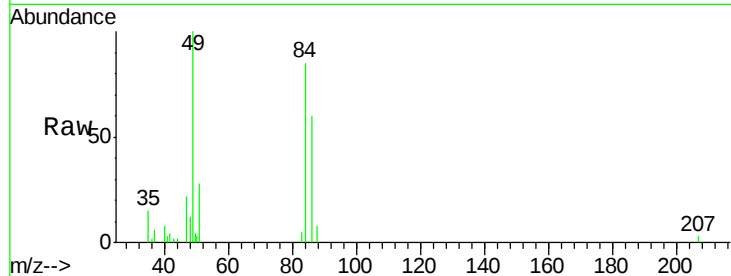




#20
Methylene Chloride
Concen: 8.749 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066119.D
Acq: 30 Jul 2020 18:48

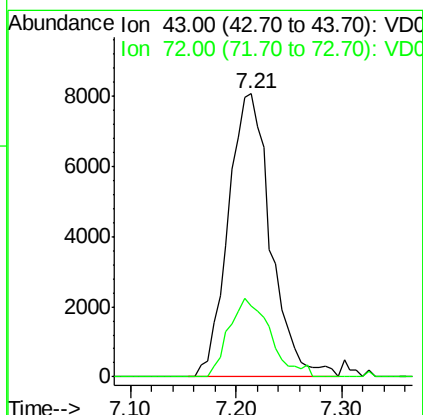
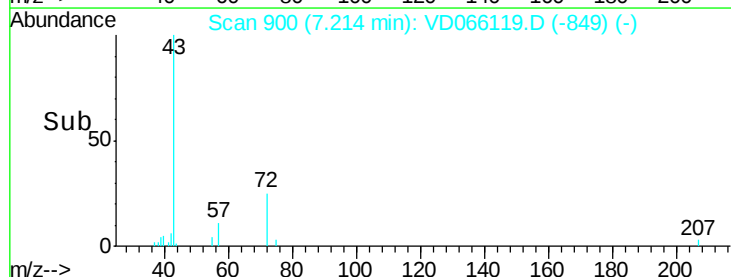
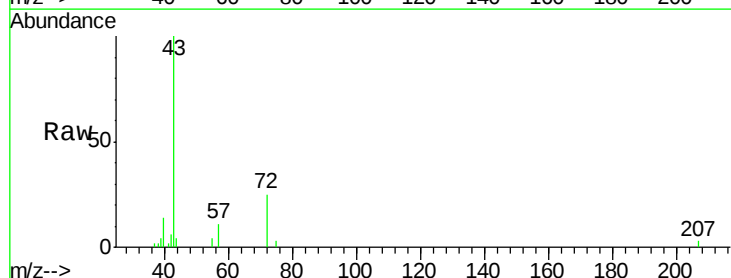
Instrument :
MSVOA_D
ClientSampleId :
SU-01-073020

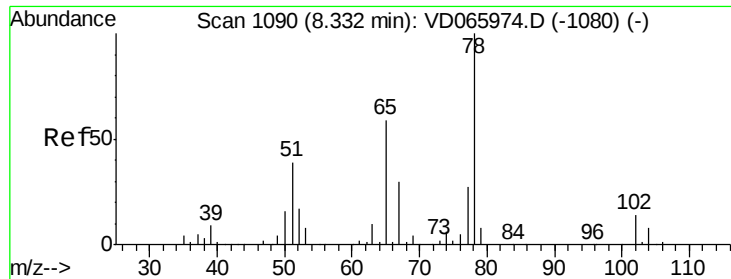
Tot Ion: 84 Resp: 26009
Ion Ratio Lower Upper
84 100
49 114.9 97.7 146.5
51 33.0 27.4 41.2
86 70.7 49.4 74.2



#25
2-Butanone
Concen: 40.297 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD066119.D
Acq: 30 Jul 2020 18:48

Tgt Ion: 43 Resp: 22467
Ion Ratio Lower Upper
43 100
72 25.2 20.2 30.2





#33

1,2-Dichloroethane-d4

Concen: 50.207 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066119.D

Acq: 30 Jul 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

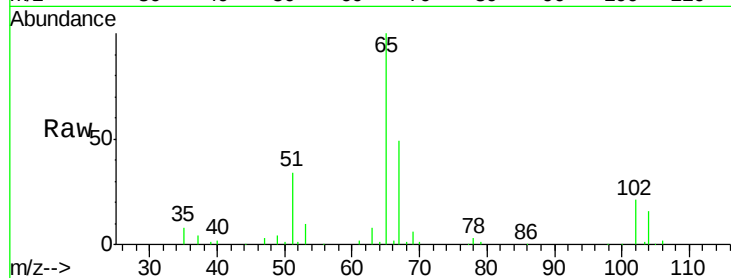
SU-01-073020

Tot Ion: 65 Resp: 104221

Ion Ratio Lower Upper

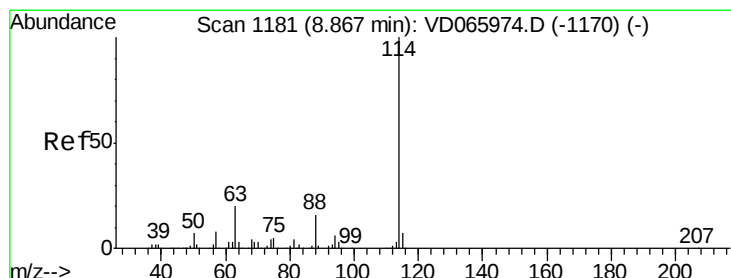
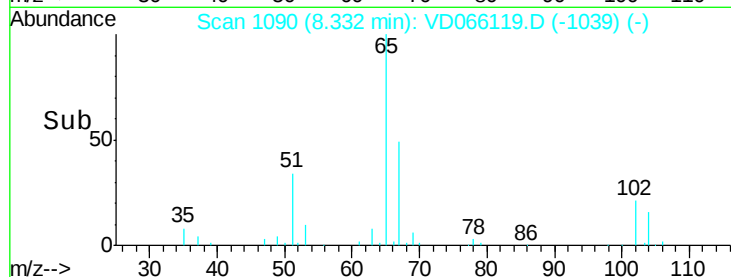
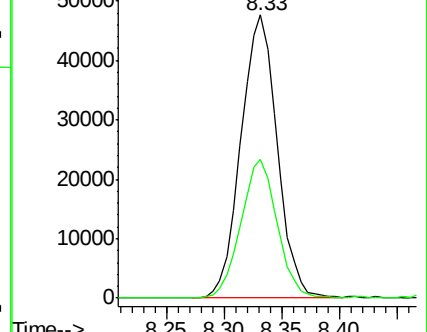
65 100

67 49.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD066119.D

Acq: 30 Jul 2020 18:48

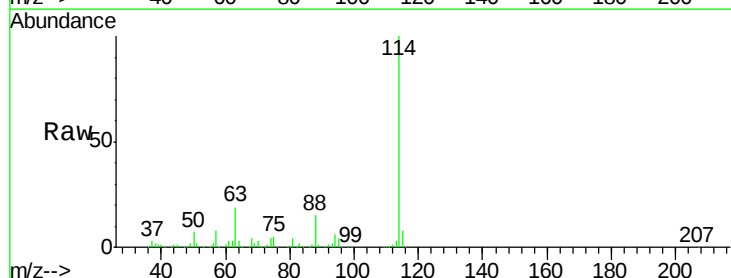
Tgt Ion: 114 Resp: 391600

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

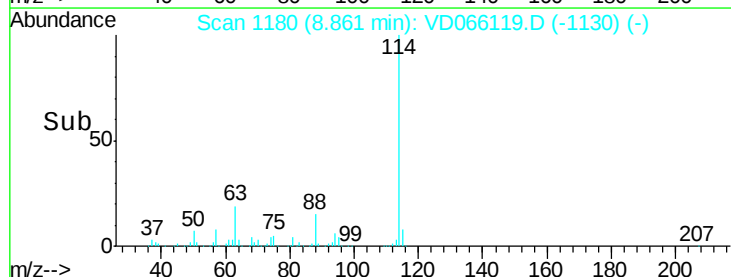
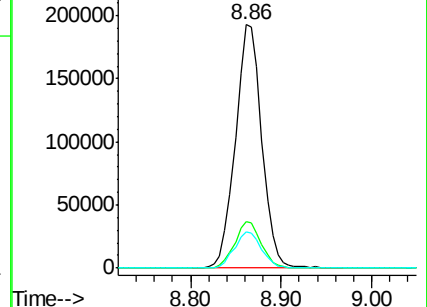
88 14.9 0.0 31.2

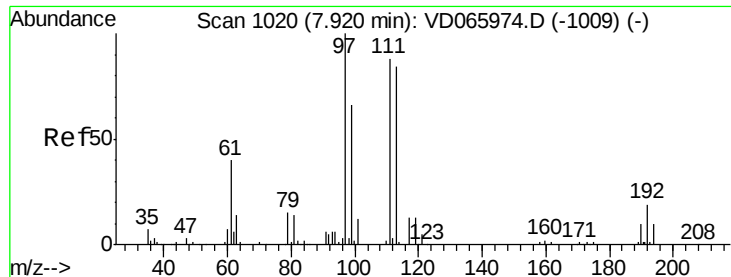


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

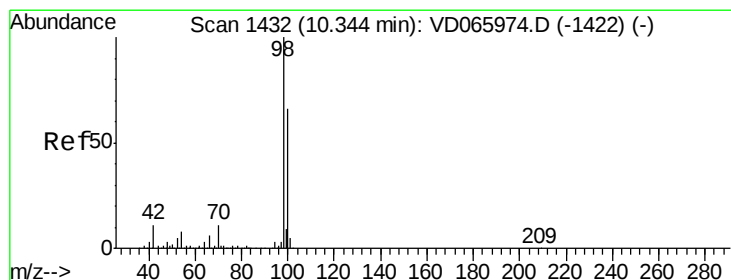
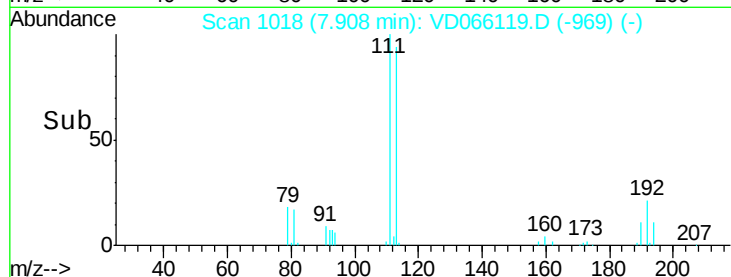
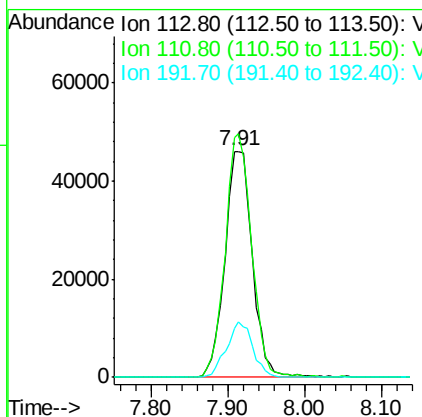
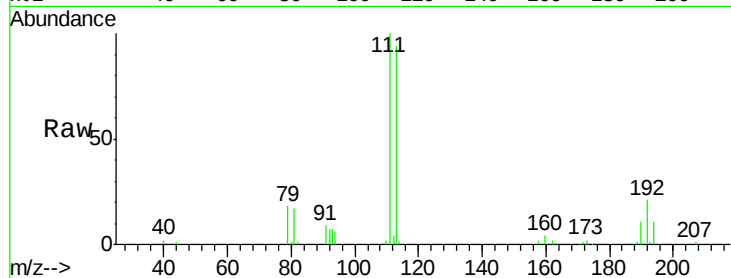




#35
Dibromofluoromethane
Concen: 48.324 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066119.D
Acq: 30 Jul 2020 18:48

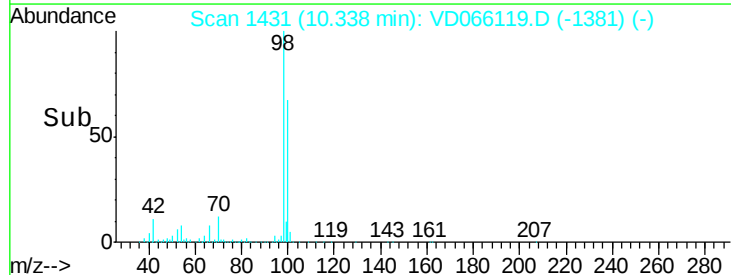
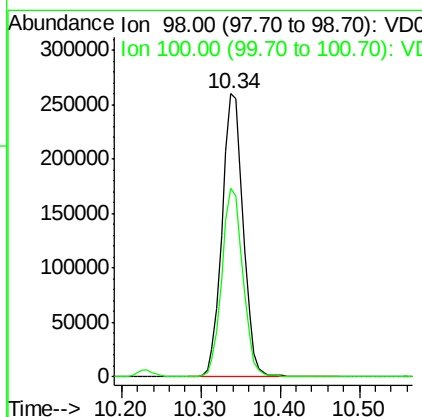
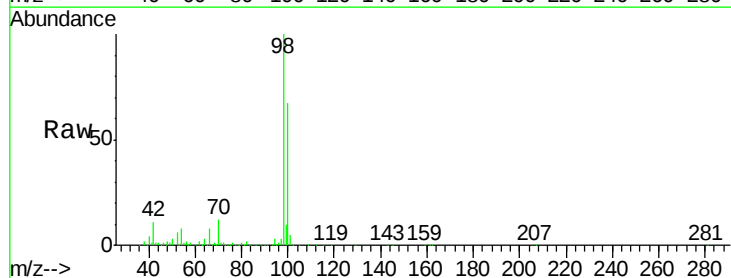
Instrument :
MSVOA_D
ClientSampleId :
SU-01-073020

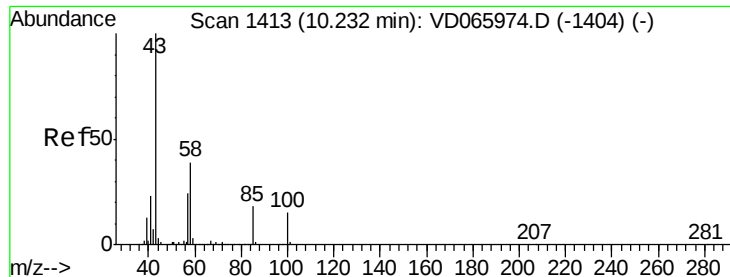
Tot Ion:113 Resp: 114777
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 23.3 18.7 28.1



#50
Toluene-d8
Concen: 54.221 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066119.D
Acq: 30 Jul 2020 18:48

Tgt Ion: 98 Resp: 479760
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 42.613 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD066119.D

Acq: 30 Jul 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

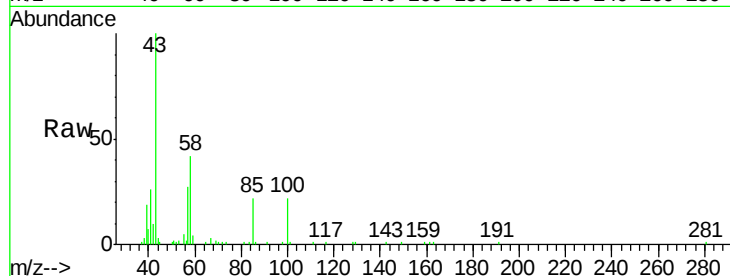
SU-01-073020

Tot Ion: 43 Resp: 53525

Ion Ratio Lower Upper

43 100

58 39.6 31.3 46.9

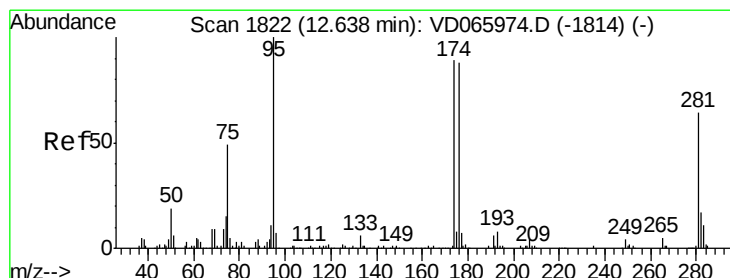
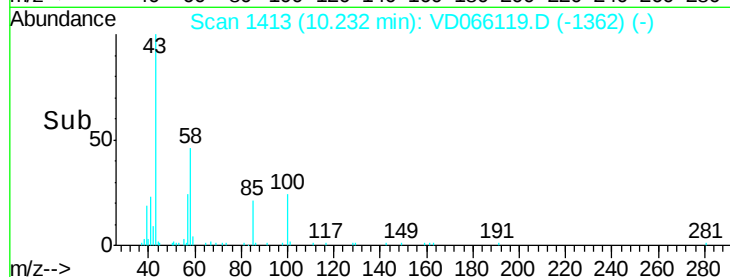


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

Time-->



#62

4-Bromofluorobenzene

Concen: 63.608 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066119.D

Acq: 30 Jul 2020 18:48

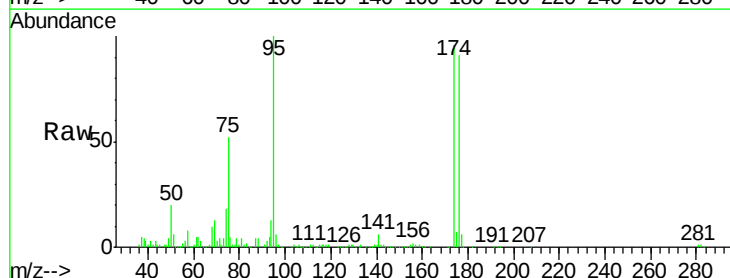
Tgt Ion: 95 Resp: 195150

Ion Ratio Lower Upper

95 100

174 92.4 0.0 178.8

176 88.2 0.0 172.6



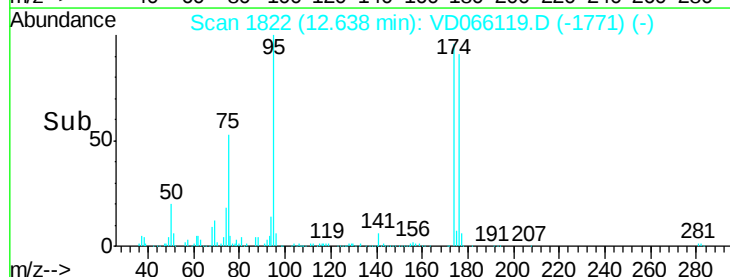
Abundance Ion 94.90 (94.60 to 95.60): VDC

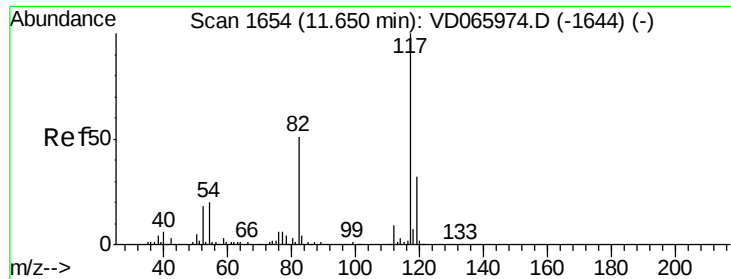
Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

Time-->

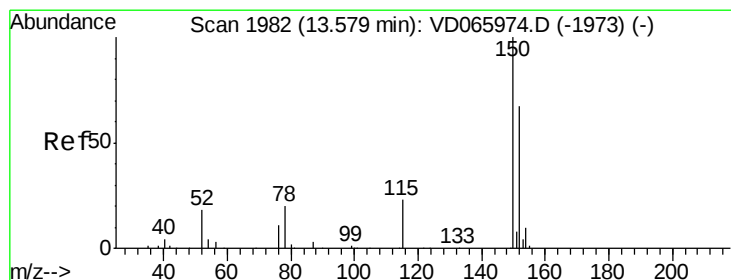
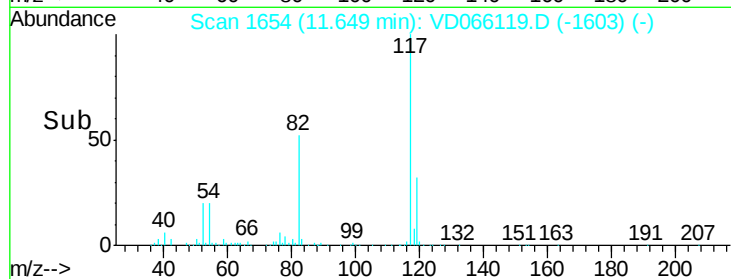
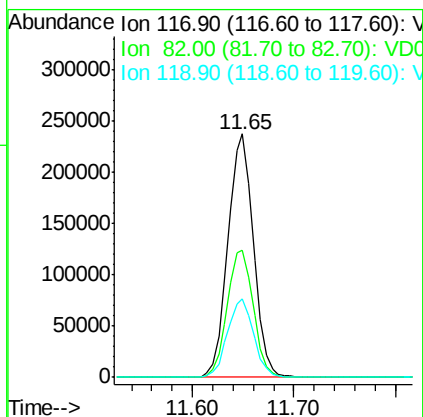
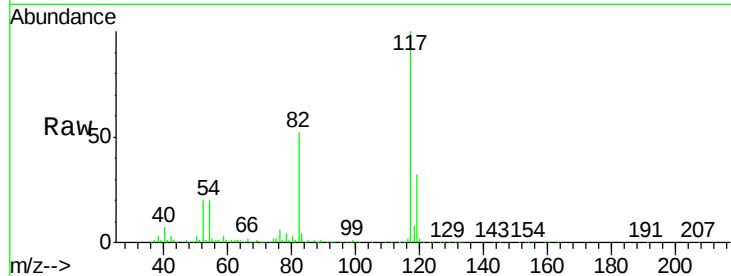




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066119.D
Acq: 30 Jul 2020 18:48

Instrument :
MSVOA_D
ClientSampleId :
SU-01-073020

Tot Ion:117 Resp: 413015
Ion Ratio Lower Upper
117 100
82 51.9 41.1 61.7
119 32.0 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: VD066119.D
Acq: 30 Jul 2020 18:48

Tgt Ion:152 Resp: 199992
Ion Ratio Lower Upper
152 100
115 57.2 27.9 83.7
150 154.5 0.0 348.2

