

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066117.D
 Acq On : 30 Jul 2020 17:53
 Operator : VA/SY
 Sample : L3478-02RE
 Misc : 6.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ROLLOFF-VNJ-213RE

Quant Time: Jul 31 03:40:49 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

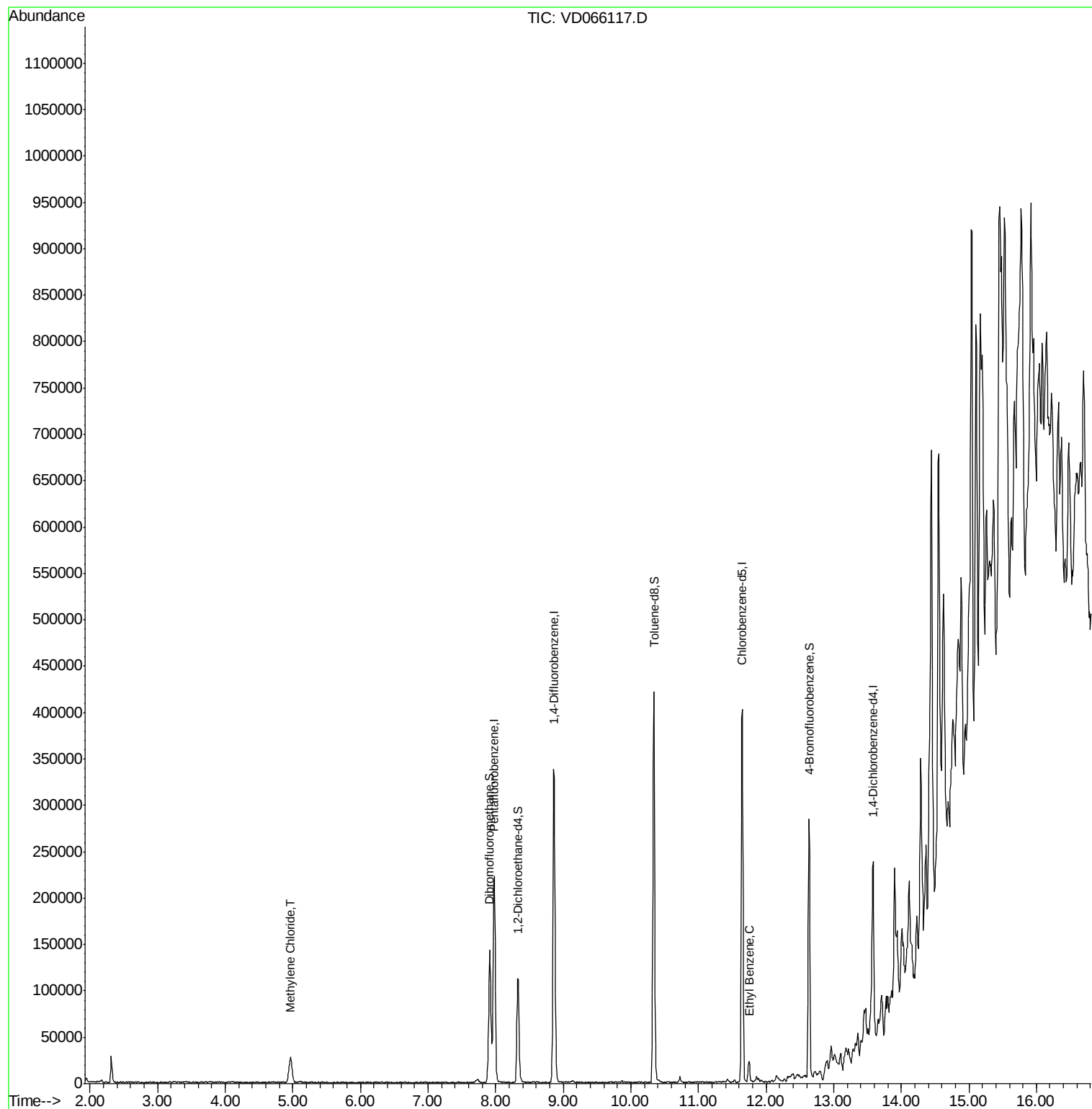
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	179239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	298004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	238844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	58377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	94151	64.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.12%	
35) Dibromofluoromethane	7.91	113	98129	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
50) Toluene-d8	10.34	98	298256	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.60%	
62) 4-Bromofluorobenzene	12.64	95	86400	37.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.02%	
Target Compounds						
20) Methylene Chloride	4.97	84	20738	10.353	ug/l #	91
67) Ethyl Benzene	11.75	91	16535	2.197	ug/l	99

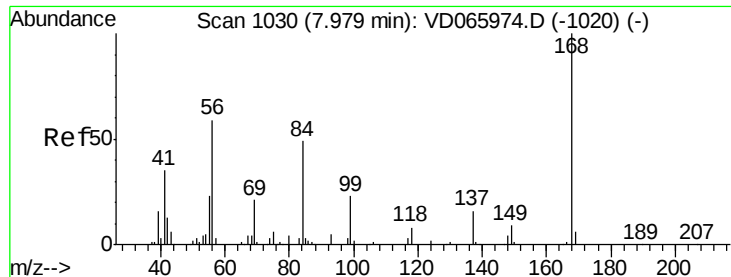
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066117.D

Acq: 30 Jul 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

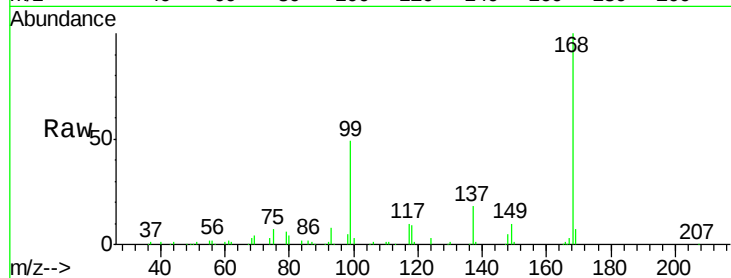
ROLLOFF-VNJ-213RE

Tot Ion:168 Resp: 179239

Ion Ratio Lower Upper

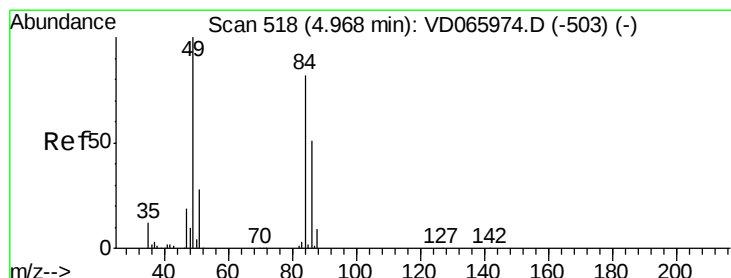
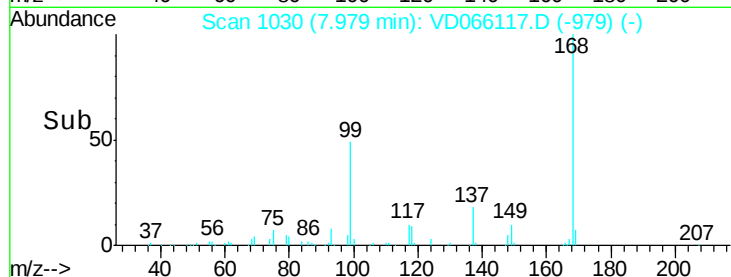
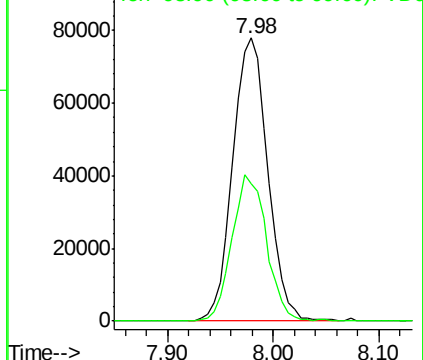
168 100

99 48.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 10.353 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066117.D

Acq: 30 Jul 2020 17:53

Tgt Ion: 84 Resp: 20738

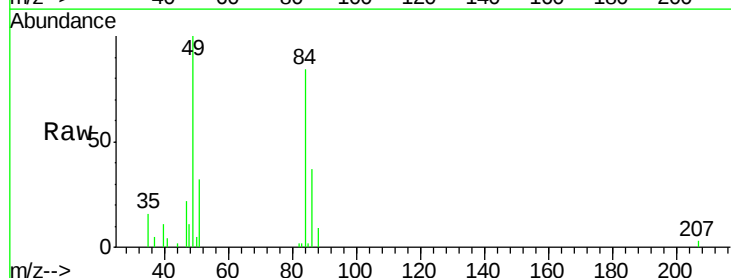
Ion Ratio Lower Upper

84 100

49 118.6 97.7 146.5

51 37.9 27.4 41.2

86 44.2 49.4 74.2#

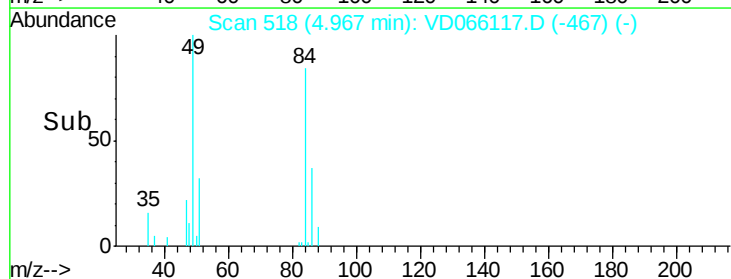
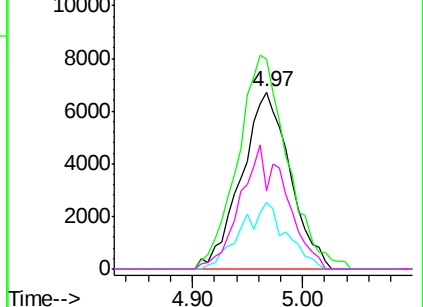


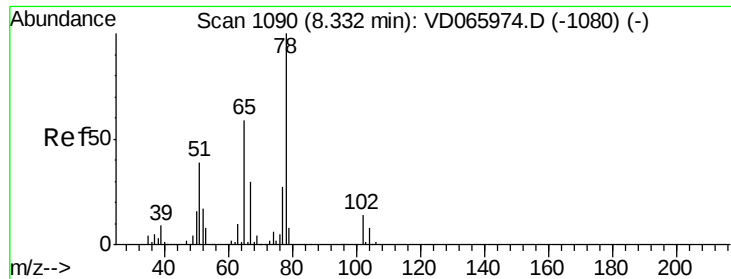
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

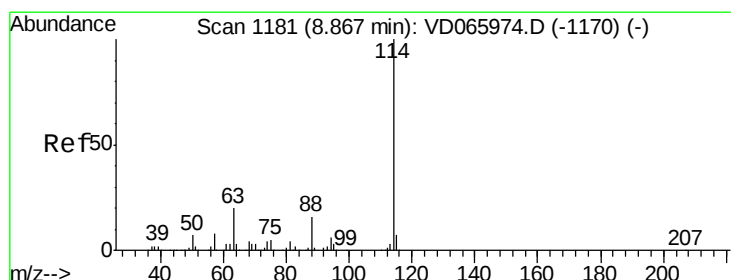
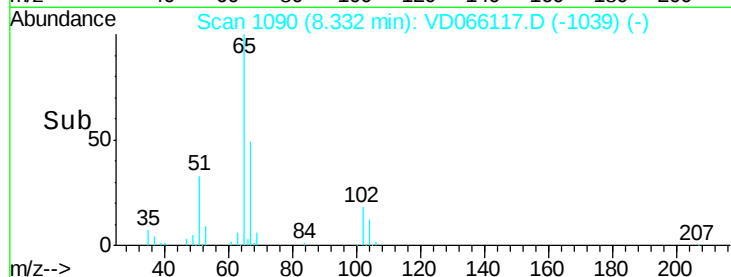
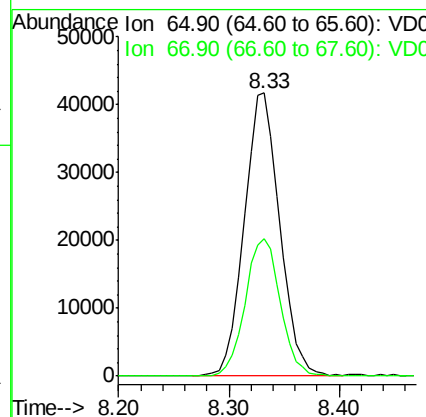
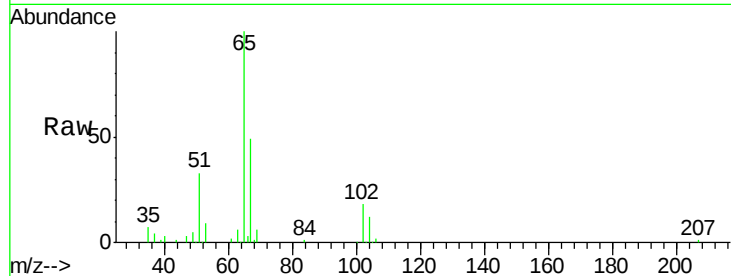




#33
 1,2-Dichloroethane-d4
 Concen: 64.556 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066117.D
 Acq: 30 Jul 2020 17:53

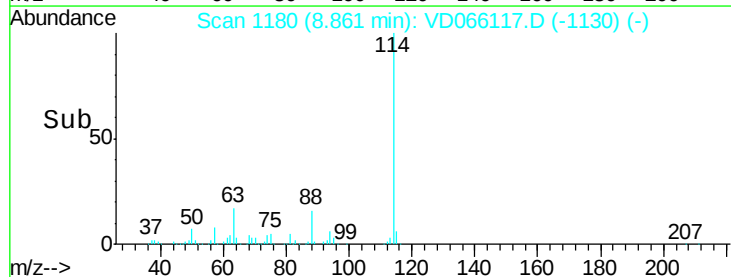
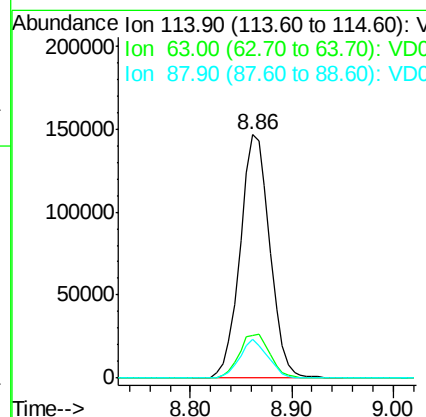
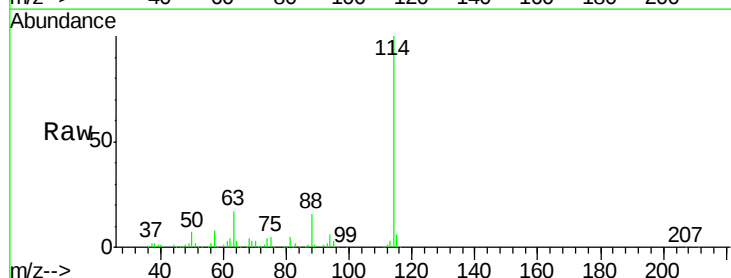
Instrument :
 MSVOA_D
 ClientSampleId :
 ROLLOFF-VNJ-213RE

Tot Ion: 65 Resp: 94151
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066117.D
 Acq: 30 Jul 2020 17:53

Tgt Ion: 114 Resp: 298004
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 39.6
 88 15.8 0.0 31.2

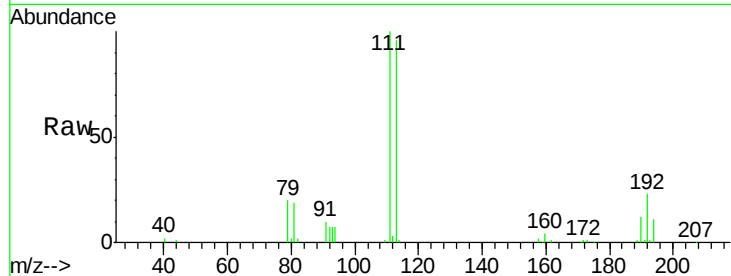




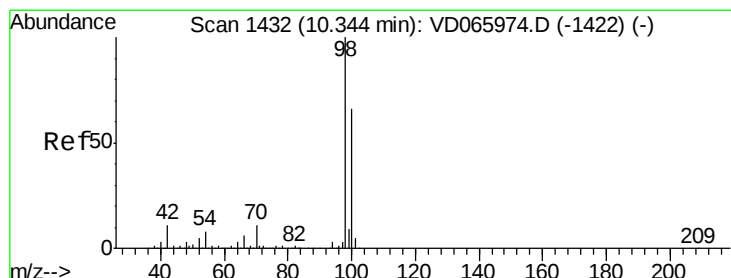
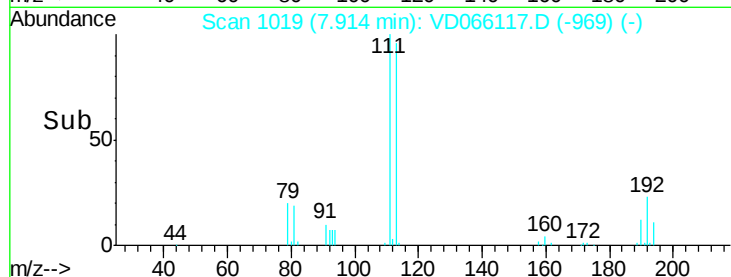
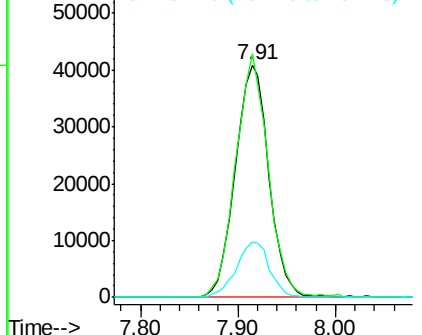
#35
 Dibromofluoromethane
 Concen: 54.290 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066117.D
 Acq: 30 Jul 2020 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 ROLLOFF-VNJ-213RE

Tot Ion:113 Resp: 98129
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.2 124.8
 192 23.5 18.7 28.1

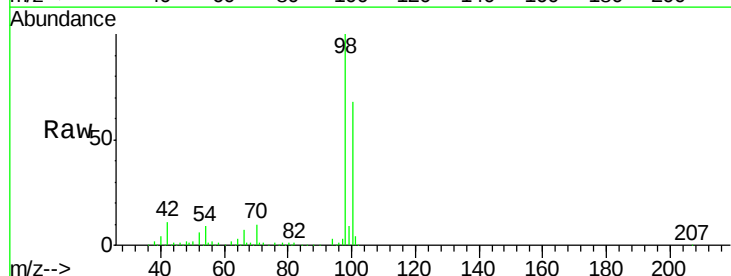


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

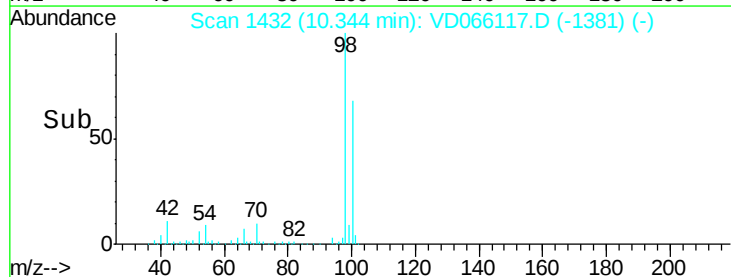
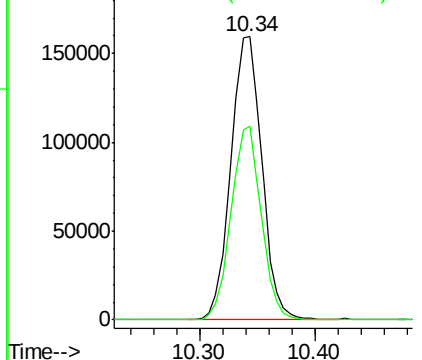


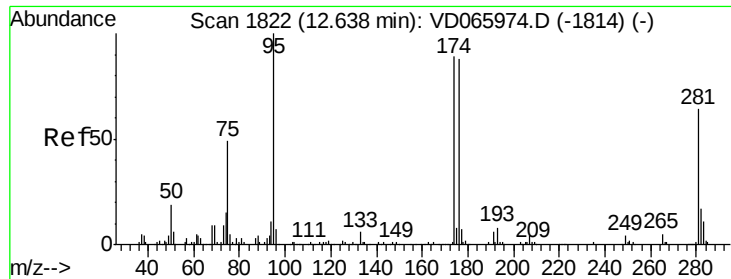
#50
 Toluene-d8
 Concen: 44.295 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD066117.D
 Acq: 30 Jul 2020 17:53

Tgt Ion: 98 Resp: 298256
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.7 79.1



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

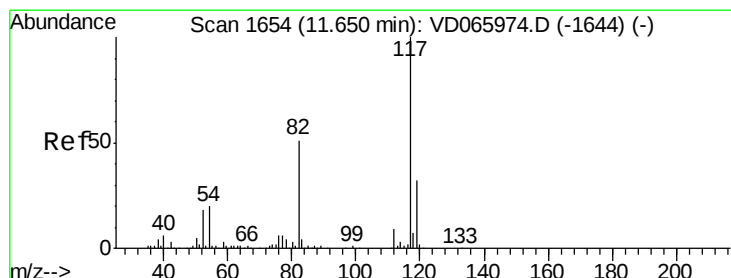
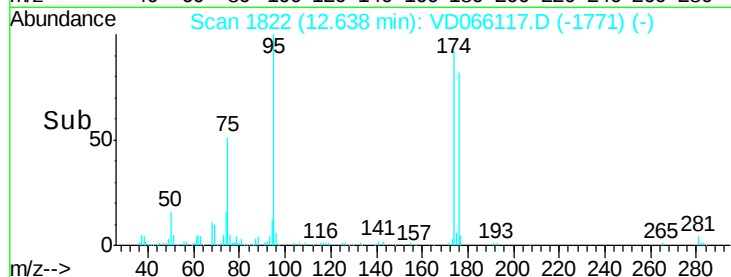
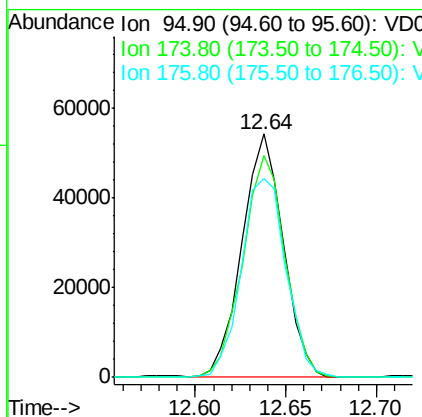
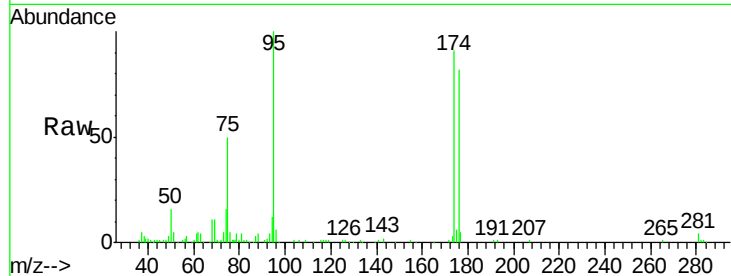




#62
4-Bromofluorobenzene
Concen: 37.007 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066117.D
Acq: 30 Jul 2020 17:53

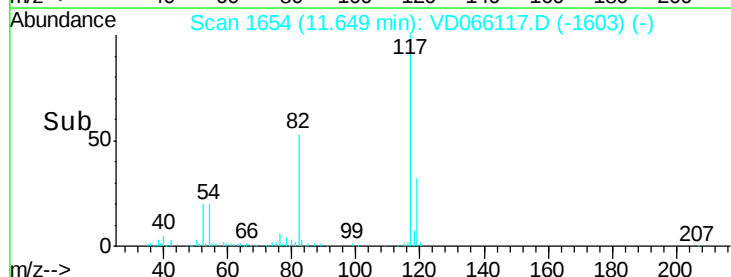
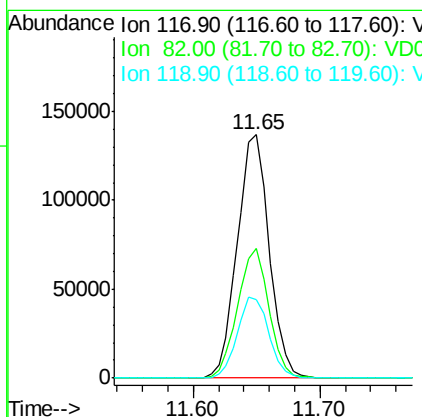
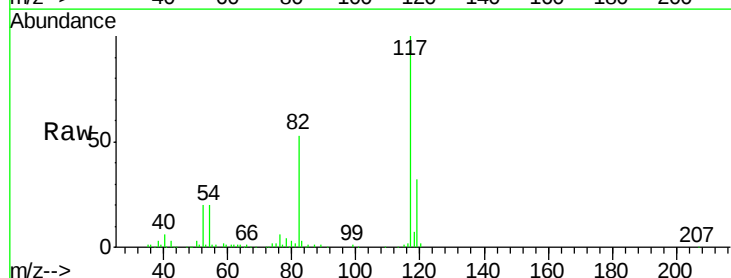
Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-VNJ-213RE

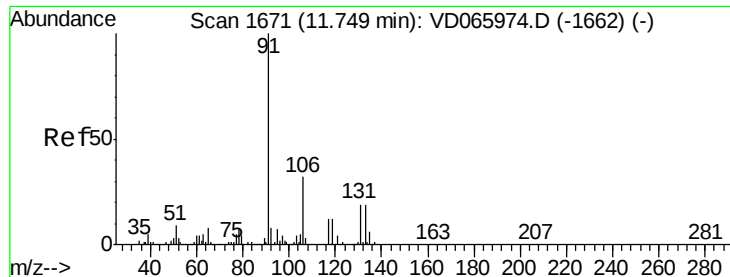
Tot Ion: 95 Resp: 86400
Ion Ratio Lower Upper
95 100
174 93.1 0.0 178.8
176 88.2 0.0 172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066117.D
Acq: 30 Jul 2020 17:53

Tgt Ion: 117 Resp: 238844
Ion Ratio Lower Upper
117 100
82 53.4 41.1 61.7
119 32.1 25.9 38.9





#67

Ethyl Benzene

Concen: 2.197 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066117.D

Acq: 30 Jul 2020 17:53

Instrument :

MSVOA_D

ClientSampleId :

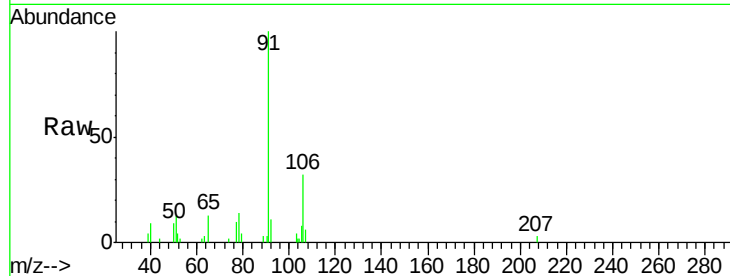
ROLLOFF-VNJ-213RE

Tot Ion: 91 Resp: 16535

Ion Ratio Lower Upper

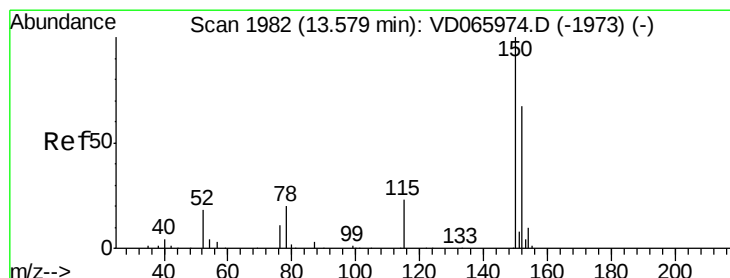
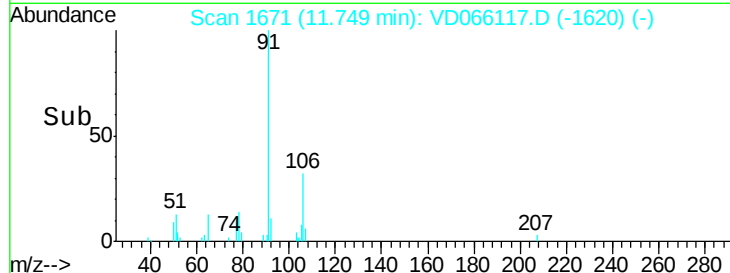
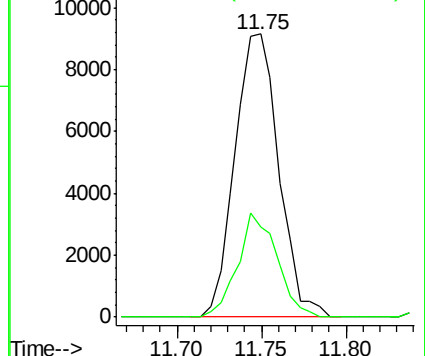
91 100

106 31.8 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VD066117.D (-1662) (-)

Ion 106.00 (105.70 to 106.70): VD066117.D (-1662) (-)



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD066117.D

Acq: 30 Jul 2020 17:53

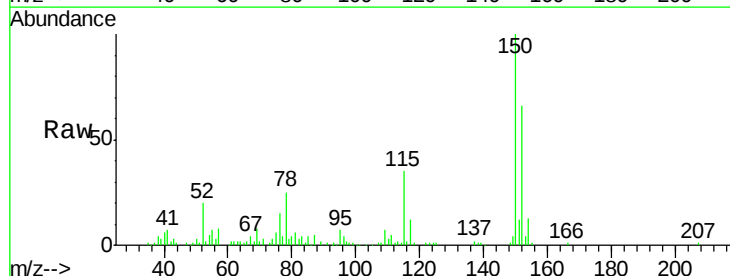
Tgt Ion: 152 Resp: 58377

Ion Ratio Lower Upper

152 100

115 46.9 27.9 83.7

150 137.5 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): VD066117.D (-1931) (-)

Ion 114.90 (114.60 to 115.60): VD066117.D (-1931) (-)

Ion 149.90 (149.60 to 150.60): VD066117.D (-1931) (-)

