

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066307.D
 Acq On : 19 Aug 2020 06:44
 Operator : VA/SY
 Sample : L3712-02
 Misc : 8.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-27137

Quant Time: Aug 19 09:06:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

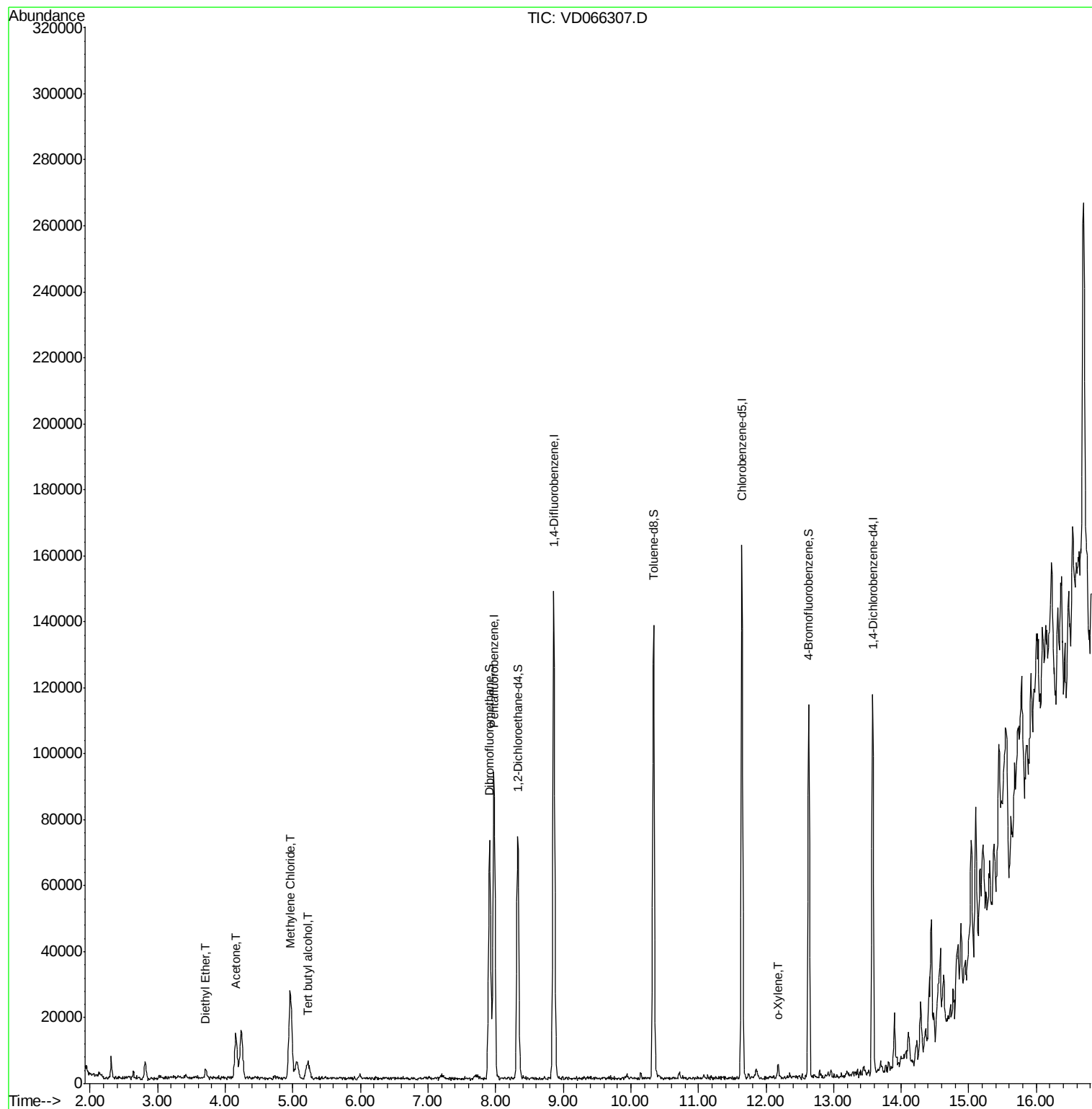
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	69911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	123550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	90646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	31731	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	61144	98.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	196.06%	
35) Dibromofluoromethane	7.91	113	49449	63.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.36%	
50) Toluene-d8	10.34	98	93238	32.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.56%	
62) 4-Bromofluorobenzene	12.63	95	34255	32.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.80%	
Target Compounds						
8) Diethyl Ether	3.71	74	1207	3.868	ug/l	89
11) Tert butyl alcohol	5.21	59	9322	191.226	ug/l #	93
16) Acetone	4.16	43	23218	196.189	ug/l	95
20) Methylene Chloride	4.97	84	20920	28.803	ug/l	92
69) o-Xylene	12.18	106	1146	1.020	ug/l	75

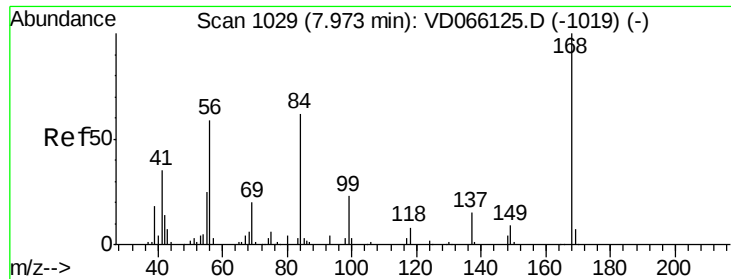
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066307.D

Acq: 19 Aug 2020 06:44

Instrument :

MSVOA_D

ClientSampleId :

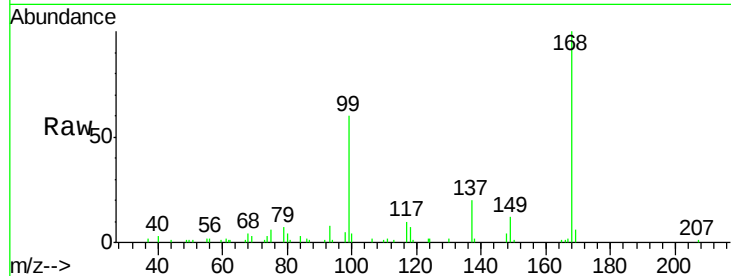
CHRT-27137

Tot Ion:168 Resp: 69911

Ion Ratio Lower Upper

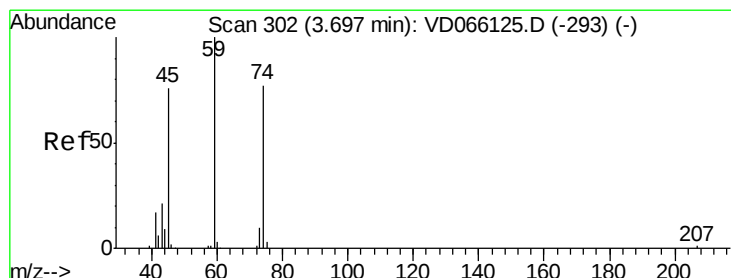
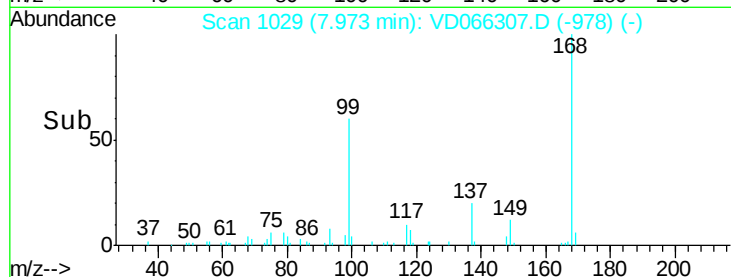
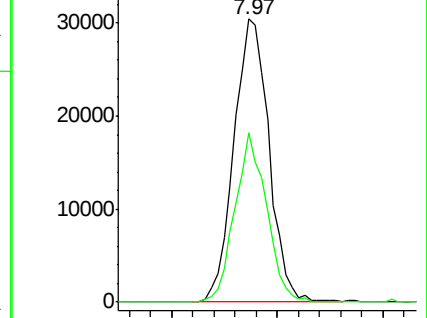
168 100

99 59.8 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 3.868 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD066307.D

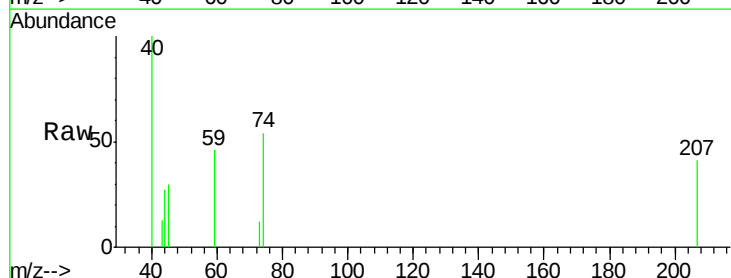
Acq: 19 Aug 2020 06:44

Tgt Ion: 74 Resp: 1207

Ion Ratio Lower Upper

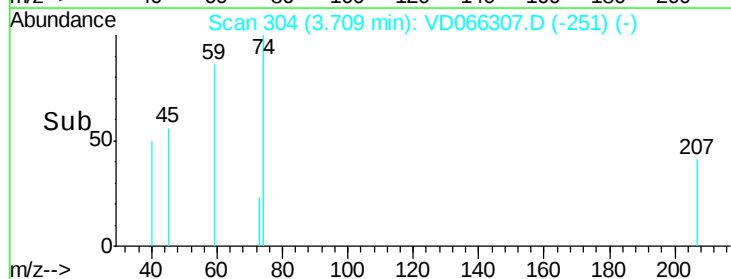
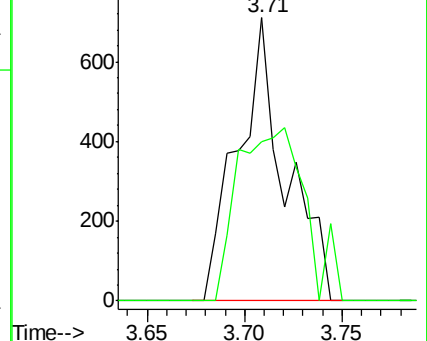
74 100

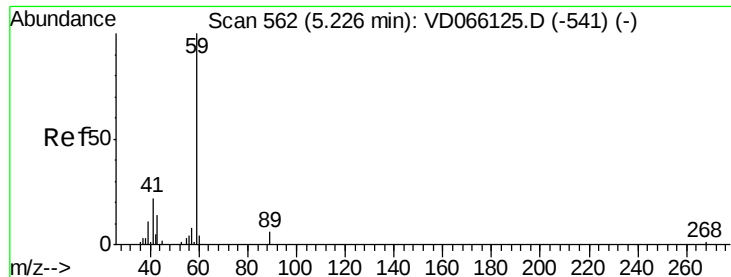
45 86.2 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC



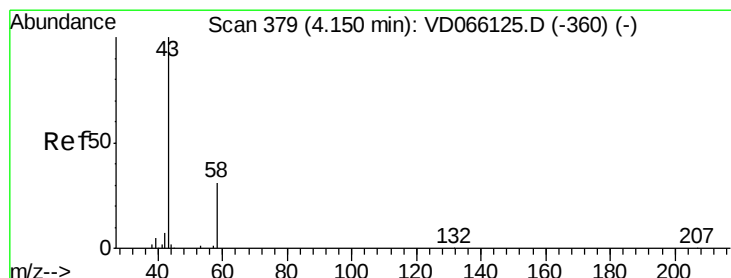
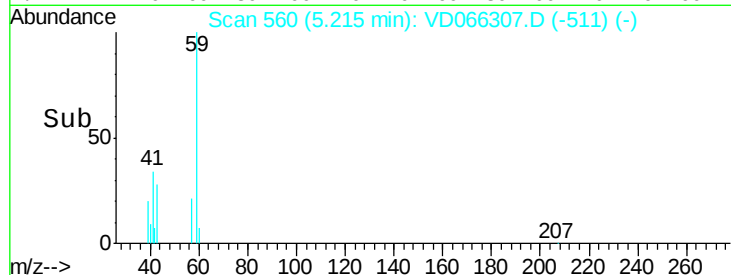
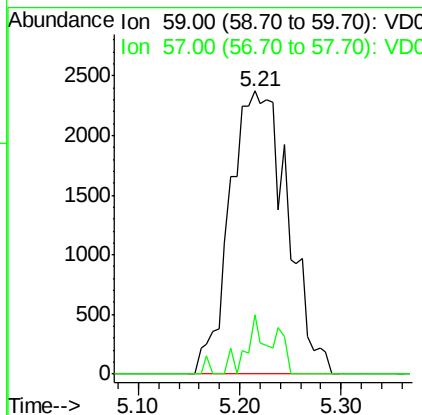
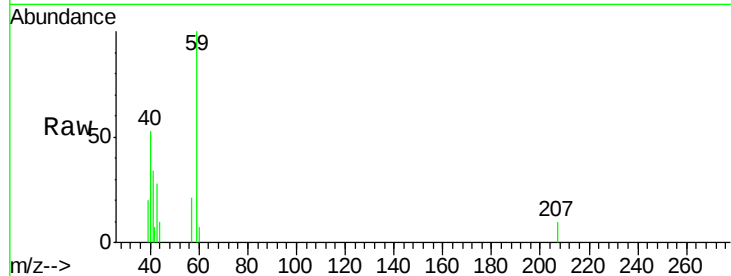


#11

Tert butyl alcohol
 Concen: 191.226 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066307.D
 Acq: 19 Aug 2020 06:44

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-27137

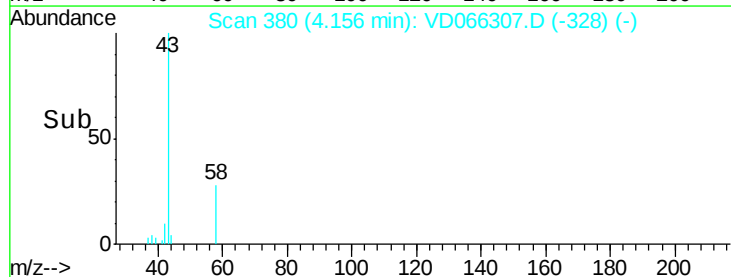
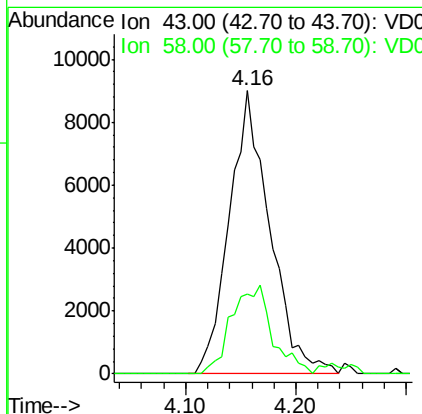
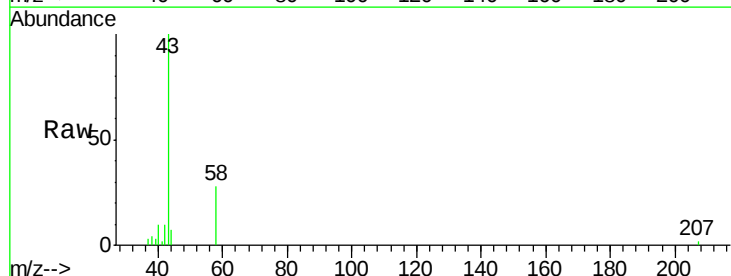
Tot Ion: 59 Resp: 9322
 Ion Ratio Lower Upper
 59 100
 57 6.0 7.0 10.4#

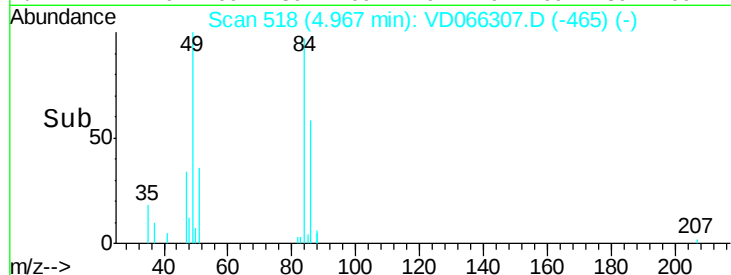
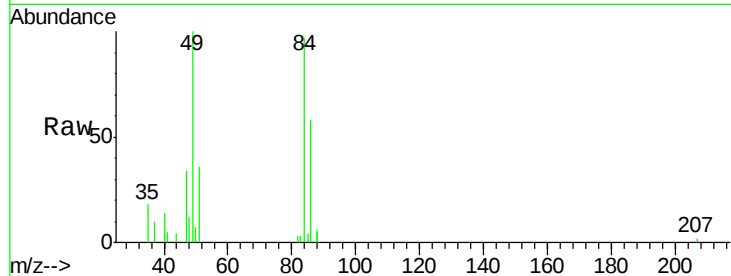
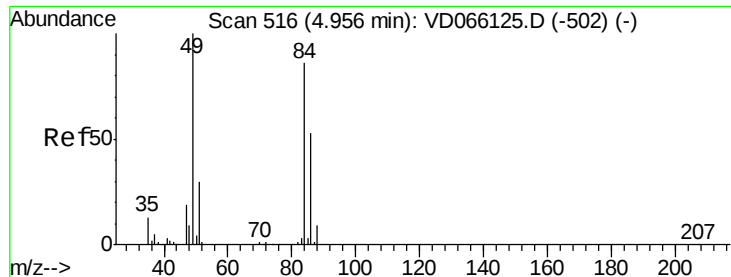


#16

Acetone
 Concen: 196.189 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. 0.01 min
 Lab File: VD066307.D
 Acq: 19 Aug 2020 06:44

Tgt Ion: 43 Resp: 23218
 Ion Ratio Lower Upper
 43 100
 58 28.3 24.7 37.1

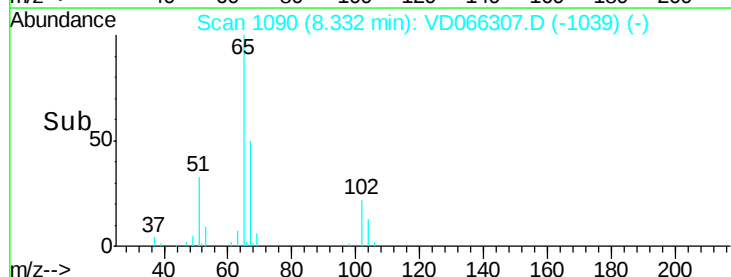
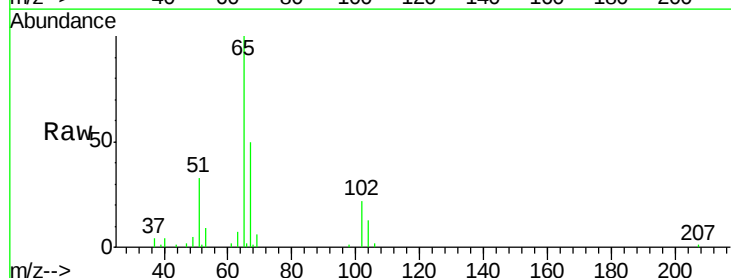
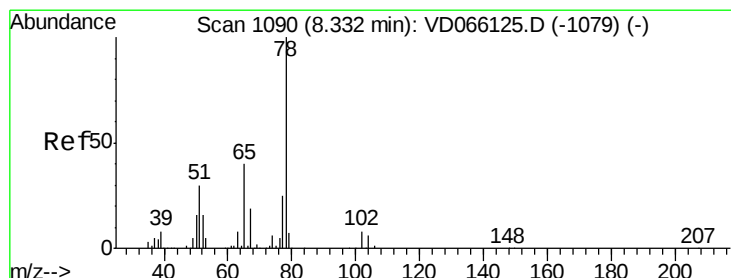
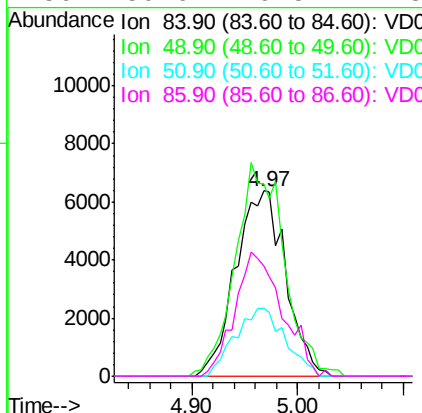




#20
Methvlene Chloride
Concen: 28.803 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066307.D
Acq: 19 Aug 2020 06:44

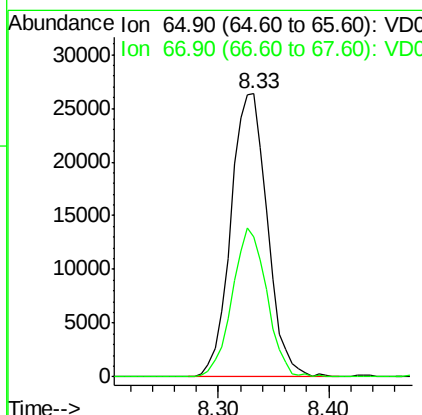
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27137

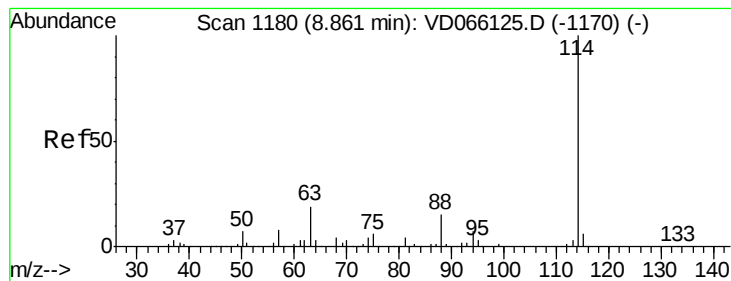
Tot Ion: 84 Resp: 20920
Ion Ratio Lower Upper
84 100
49 103.4 93.5 140.3
51 36.9 28.2 42.4
86 59.6 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 98.032 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066307.D
Acq: 19 Aug 2020 06:44

Tgt Ion: 65 Resp: 61144
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066307.D

Acq: 19 Aug 2020 06:44

Instrument :

MSVOA_D

ClientSampleId :

CHRT-27137

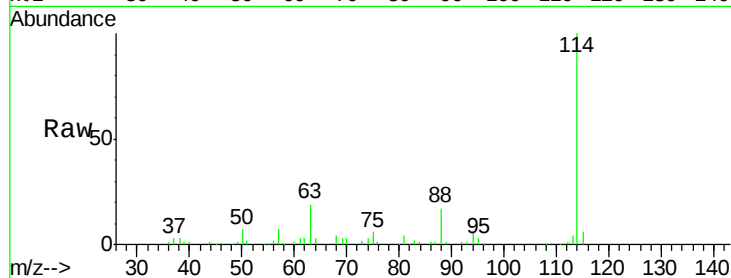
Tot Ion:114 Resp: 123550

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.6

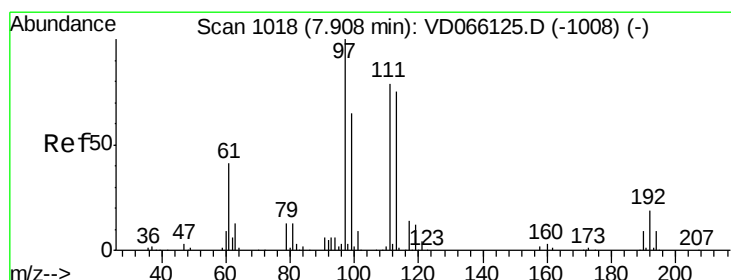
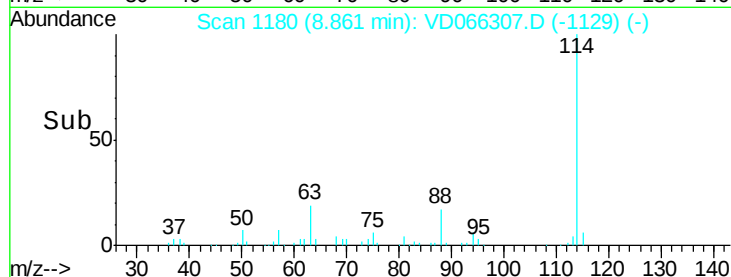
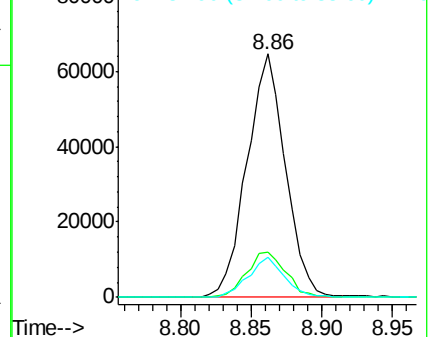
88 16.5 0.0 30.0



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: 63.179 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066307.D

Acq: 19 Aug 2020 06:44

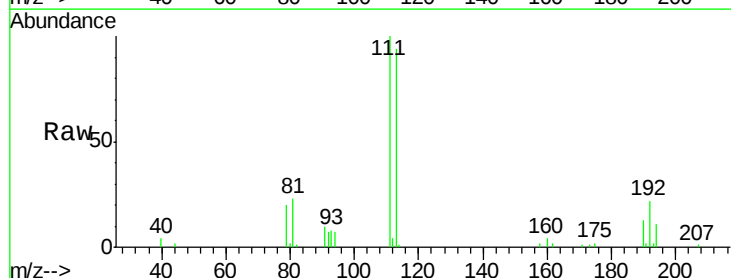
Tgt Ion:113 Resp: 49449

Ion Ratio Lower Upper

113 100

111 106.9 80.7 121.1

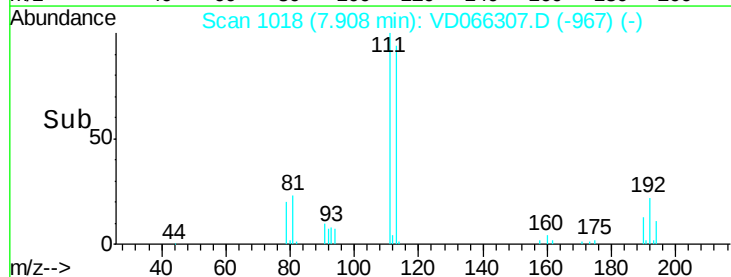
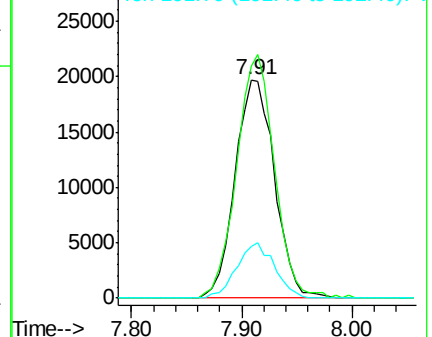
192 24.3 18.4 27.6

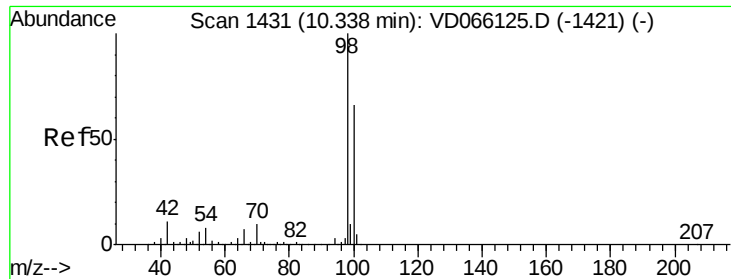


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

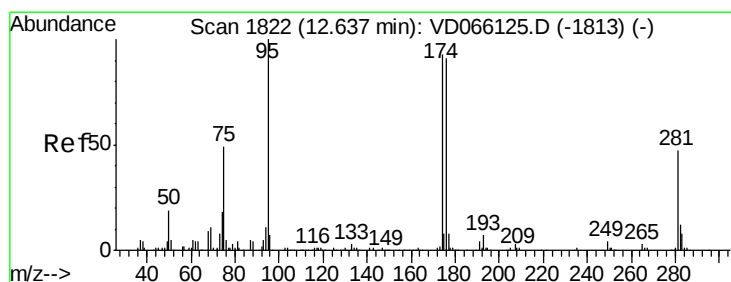
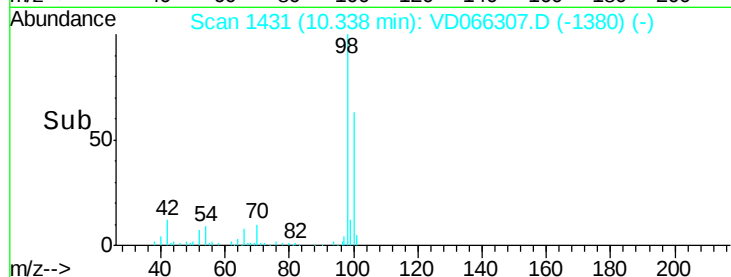
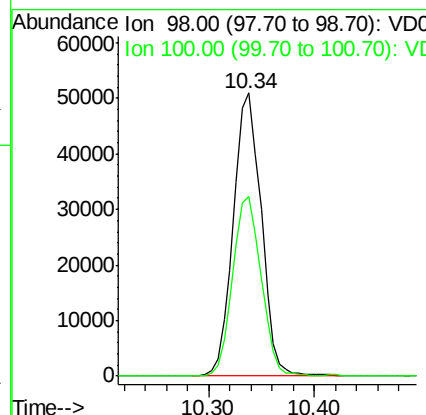
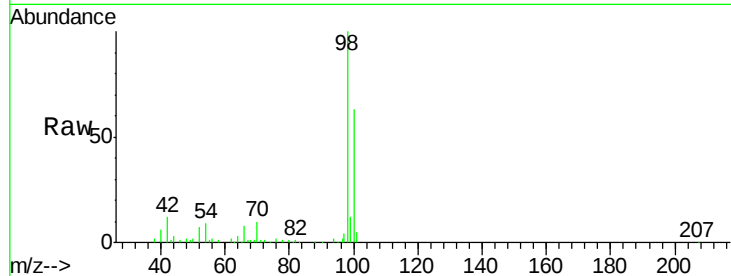




#50
Toluene-d8
Concen: 32.282 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066307.D
Acq: 19 Aug 2020 06:44

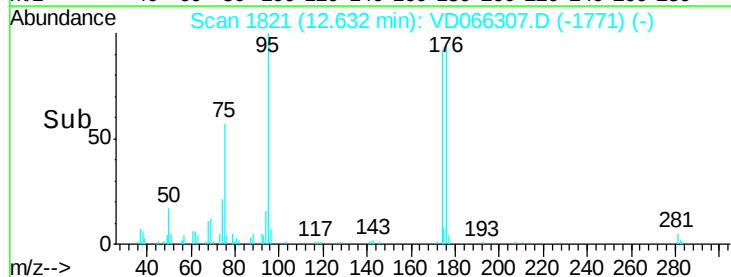
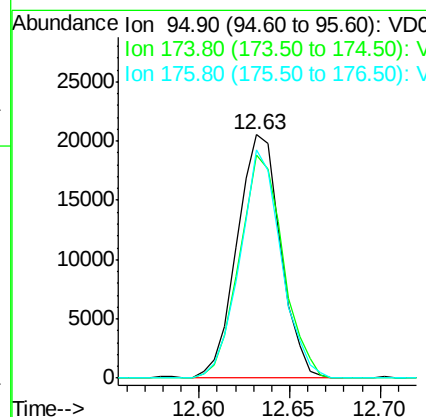
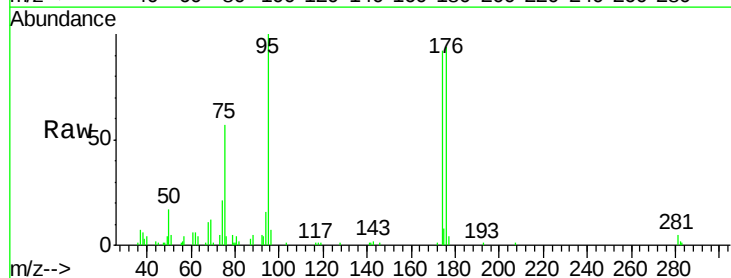
Instrument :
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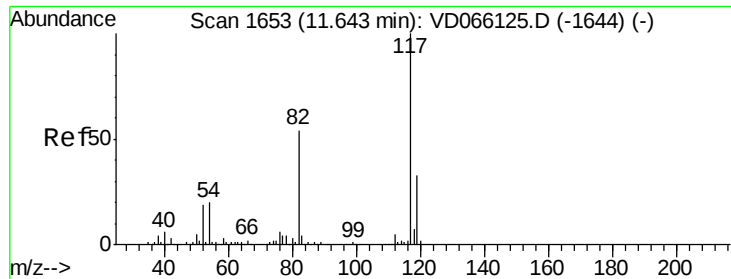
Tot Ion: 98 Resp: 93238
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 32.902 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066307.D
Acq: 19 Aug 2020 06:44

Tgt Ion: 95 Resp: 34255
Ion Ratio Lower Upper
95 100
174 91.8 0.0 180.8
176 88.8 0.0 181.2

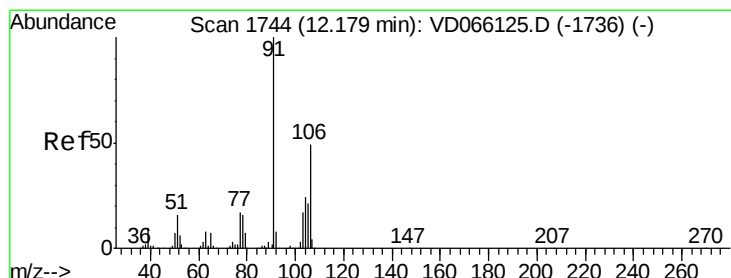
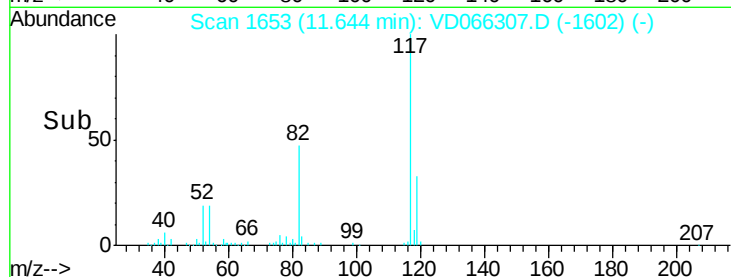
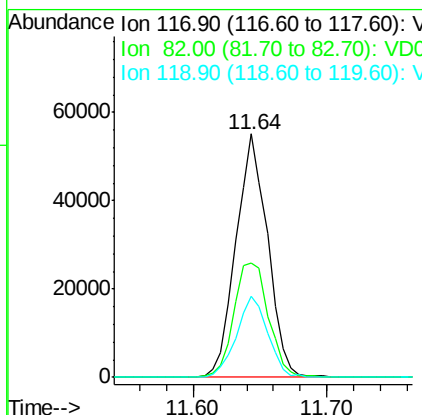
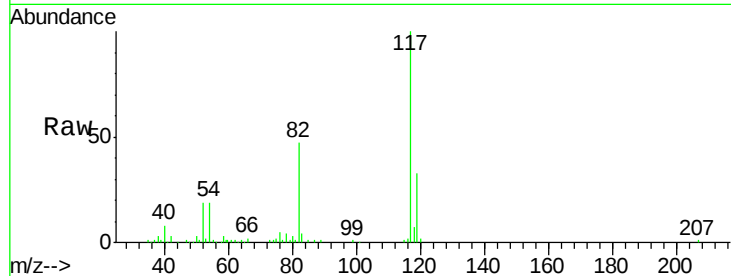




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066307.D
Acq: 19 Aug 2020 06:44

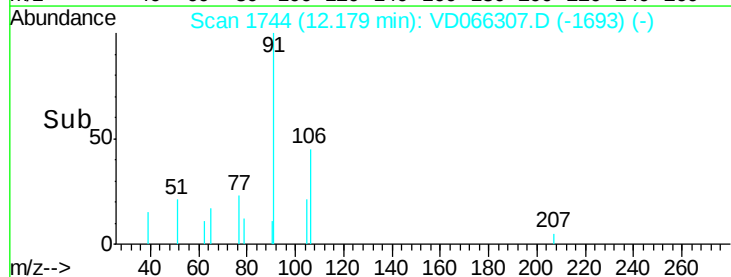
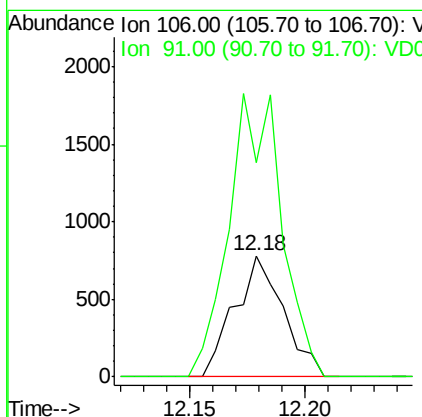
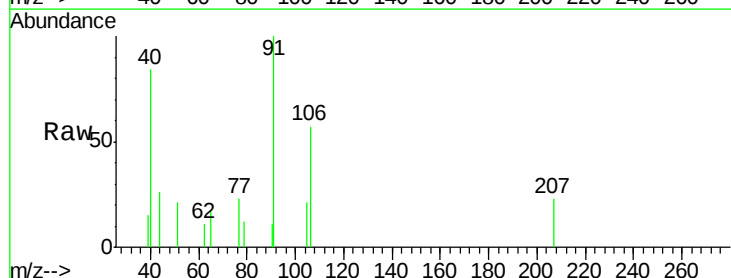
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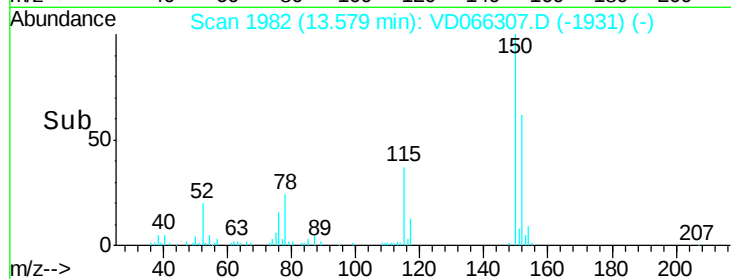
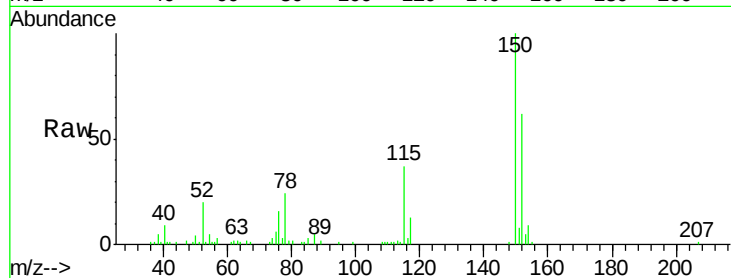
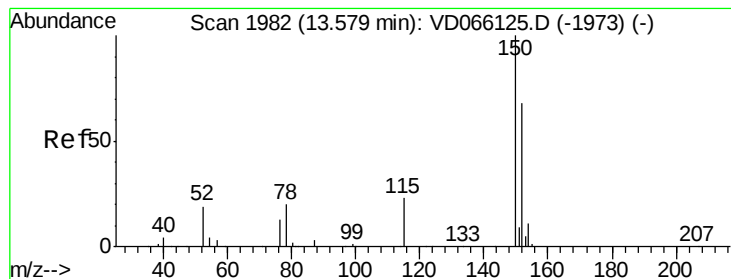
Tot Ion:117 Resp: 90646
Ion Ratio Lower Upper
117 100
82 47.0 43.0 64.4
119 33.2 26.1 39.1



#69
o-Xylene
Concen: 1.020 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066307.D
Acq: 19 Aug 2020 06:44

Tgt Ion:106 Resp: 1146
Ion Ratio Lower Upper
106 100
91 251.0 105.7 317.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066307.D

Acq: 19 Aug 2020 06:44

Instrument :

MSVOA_D

ClientSampleId :

CHRT-27137

Tot Ion:152 Resp: 31731

Ion Ratio Lower Upper

152 100

115 56.2 28.0 83.9

150 157.9 0.0 346.4

