

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066883.D
 Acq On : 25 Sep 2020 19:23
 Operator : VA/SY
 Sample : L4129-17
 Misc : 11.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-2

Quant Time: Sep 26 04:57:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

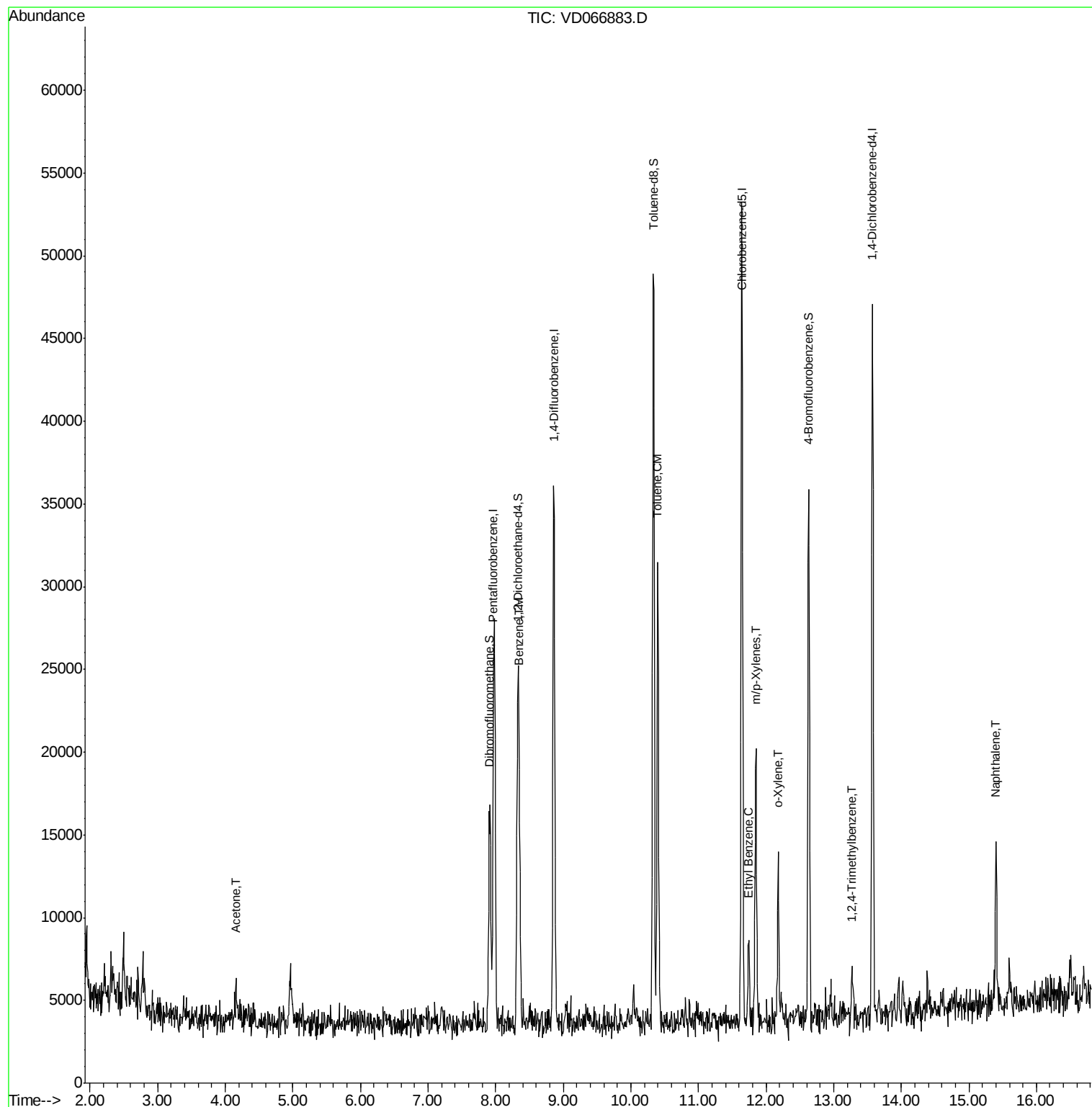
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	18283	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.86	114	28200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	28000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	11749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	13809	77.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	154.34%	
35) Dibromofluoromethane	7.91	113	9054	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.33	98	32301	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
62) 4-Bromofluorobenzene	12.63	95	10428	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
Target Compounds						
16) Acetone	4.16	43	4378	115.330	ug/l	92
40) Benzene	8.35	78	10487	13.450	ug/l	100
52) Toluene	10.40	92	12585	25.058	ug/l	96
67) Ethyl Benzene	11.74	91	3417	3.338	ug/l	91
68) m/p-Xylenes	11.86	106	4698	12.122	ug/l	96
69) o-Xylene	12.18	106	2146	6.124	ug/l	92
84) 1,2,4-Trimethylbenzene	13.27	105	1756	2.459	ug/l	100
95) Naphthalene	15.41	128	8414	23.464	ug/l	98

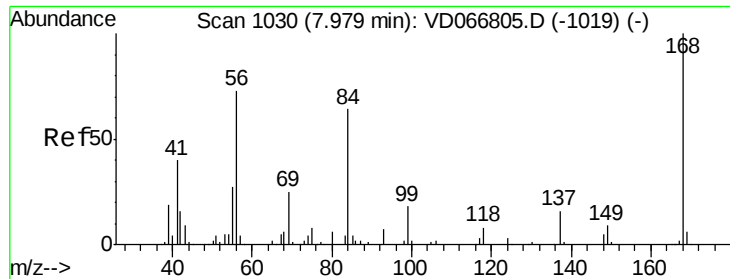
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
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Quant Time: Sep 26 04:57:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

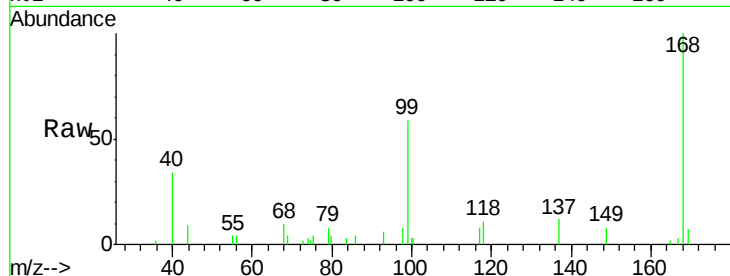
DRUM-COMP-2

Tot Ion:168 Resp: 18283

Ion Ratio Lower Upper

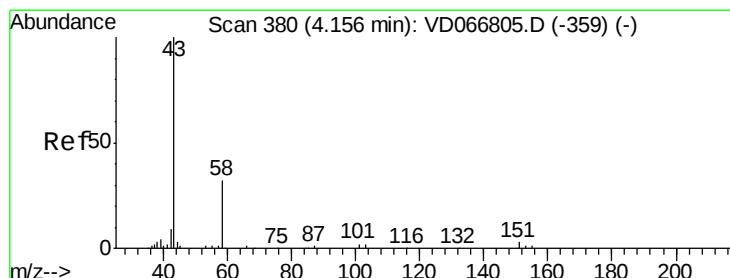
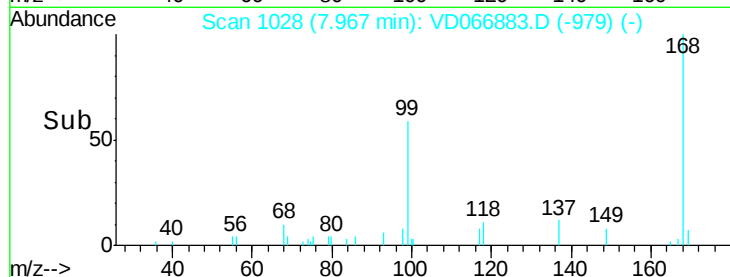
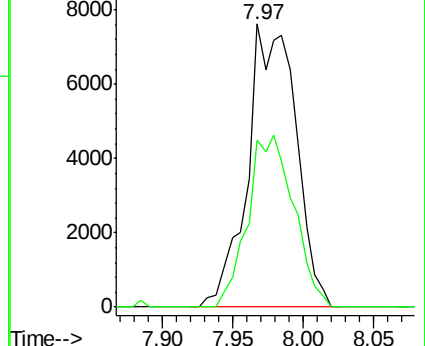
168 100

99 58.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 115.330 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066883.D

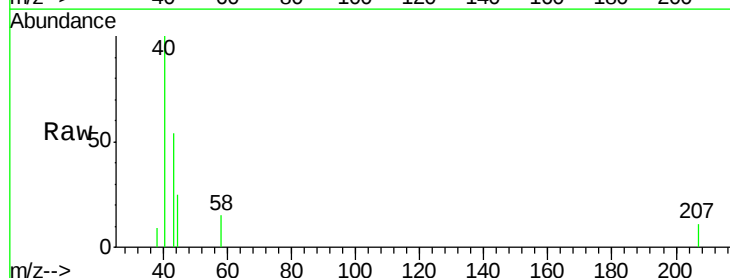
Acq: 25 Sep 2020 19:23

Tgt Ion: 43 Resp: 4378

Ion Ratio Lower Upper

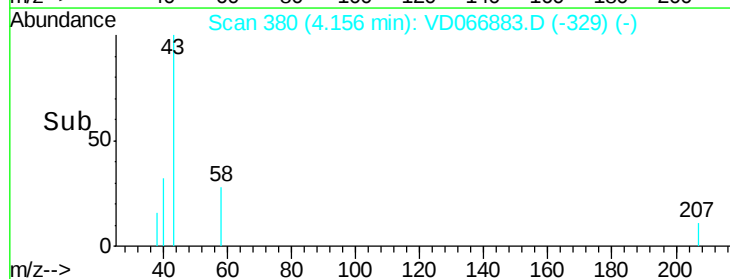
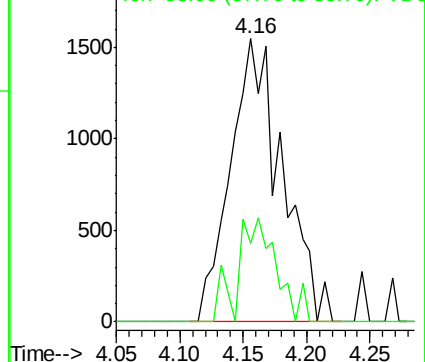
43 100

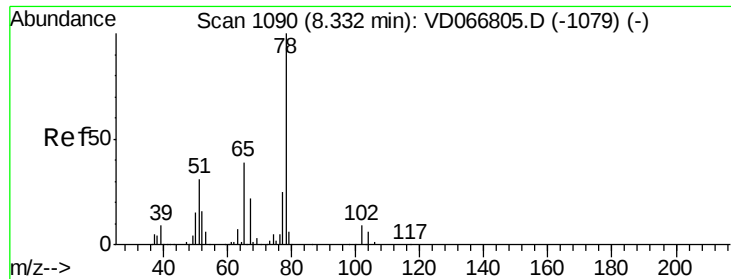
58 27.7 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 77.168 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

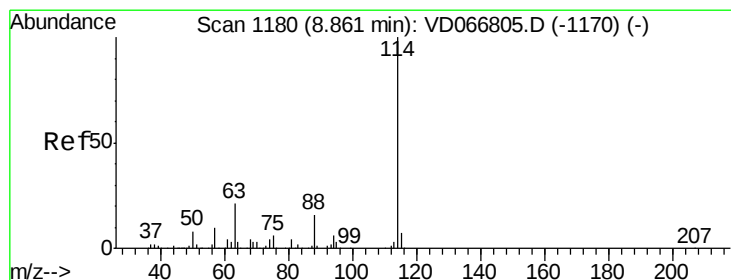
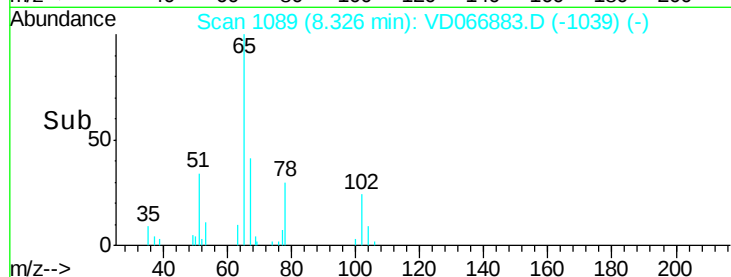
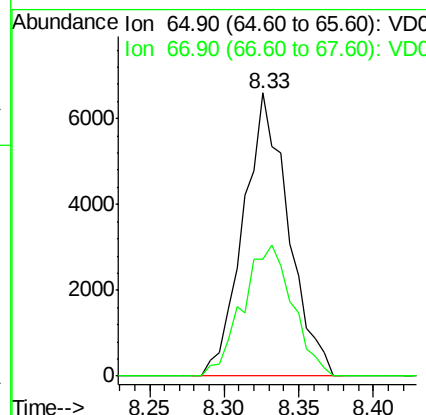
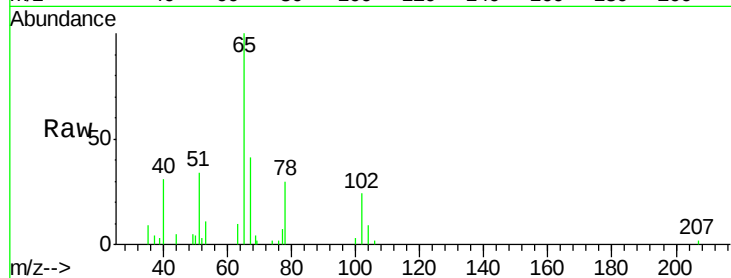
DRUM-COMP-2

Tot Ion: 65 Resp: 13809

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

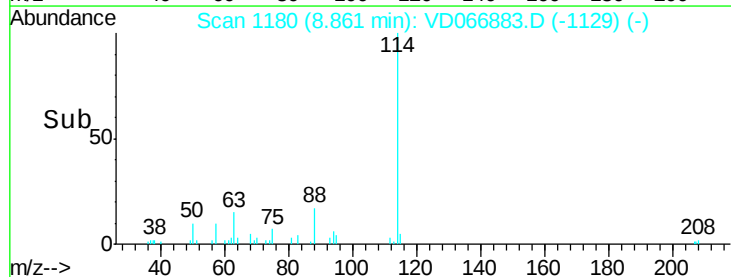
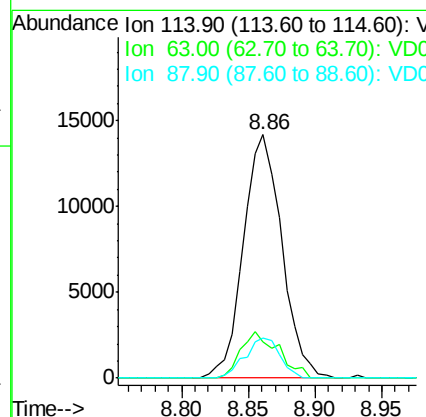
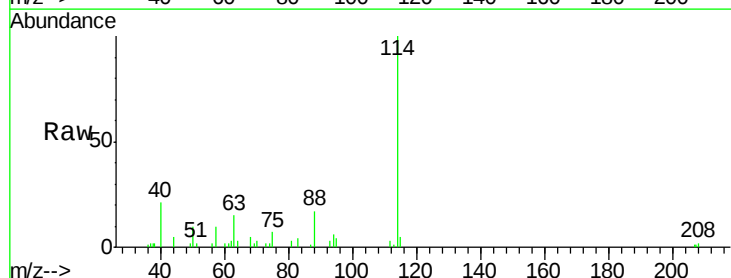
Tgt Ion: 114 Resp: 28200

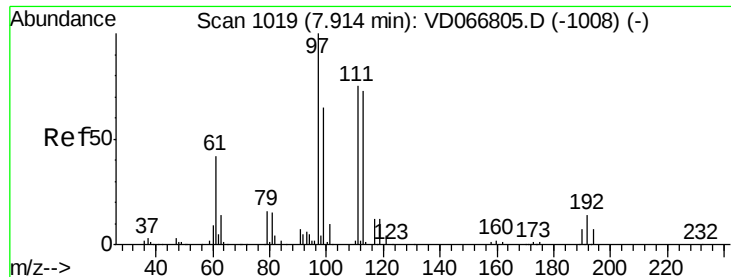
Ion Ratio Lower Upper

114 100

63 14.8 0.0 42.6

88 16.7 0.0 32.6

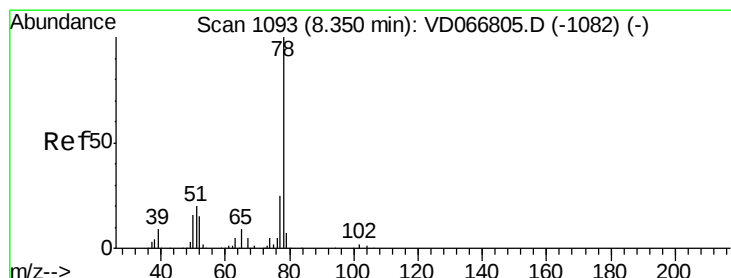
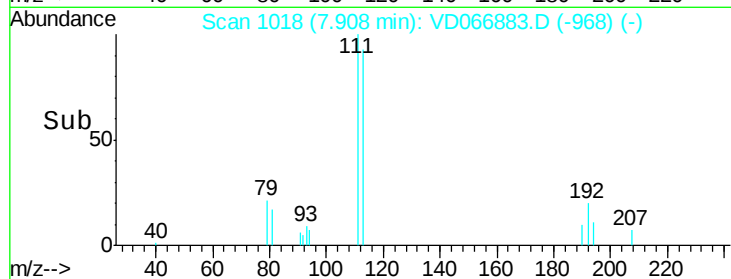
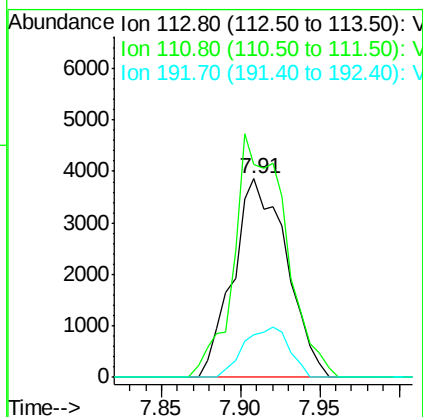
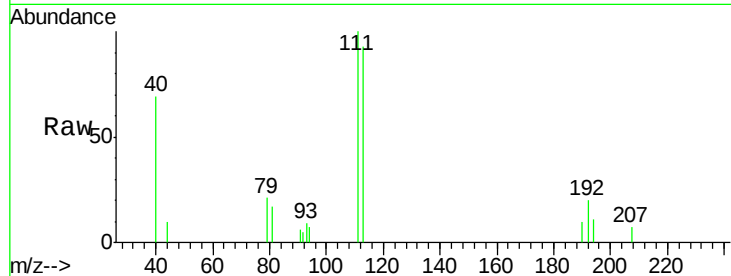




#35
 Dibromofluoromethane
 Concen: 50.466 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066883.D
 Acq: 25 Sep 2020 19:23

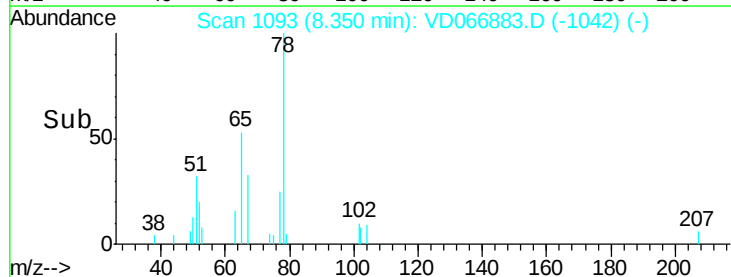
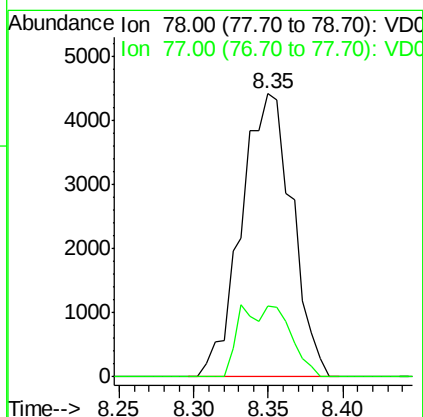
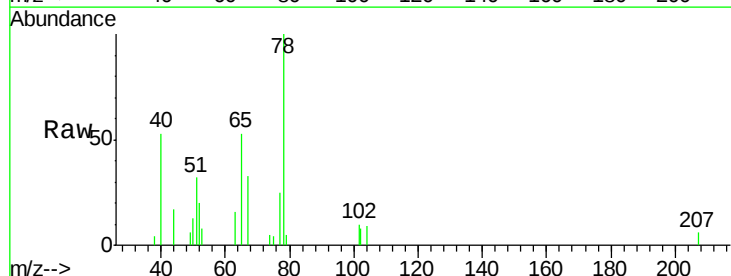
Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-2

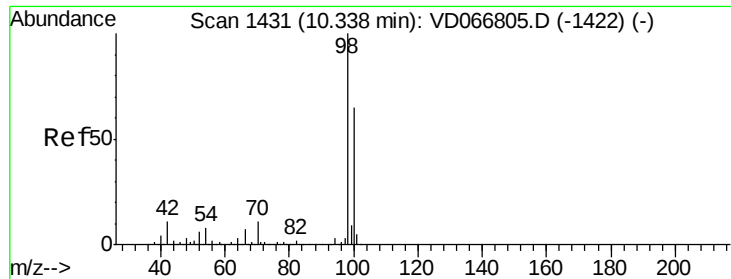
Tot Ion:113 Resp: 9054
 Ion Ratio Lower Upper
 113 100
 111 117.4 81.8 122.8
 192 21.5 14.4 21.6



#40
 Benzene
 Concen: 13.450 ug/l
 RT: 8.35 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: VD066883.D
 Acq: 25 Sep 2020 19:23

Tgt Ion: 78 Resp: 10487
 Ion Ratio Lower Upper
 78 100
 77 25.0 19.9 29.9

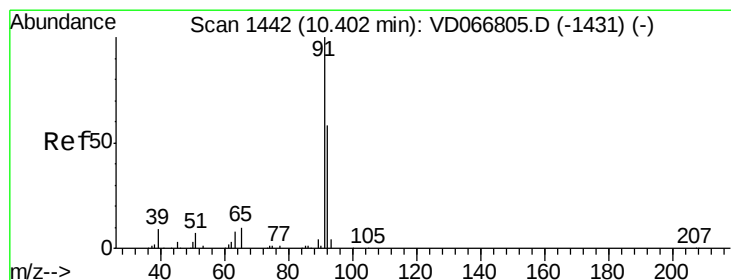
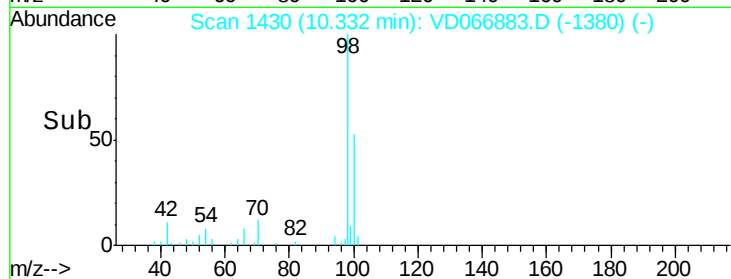
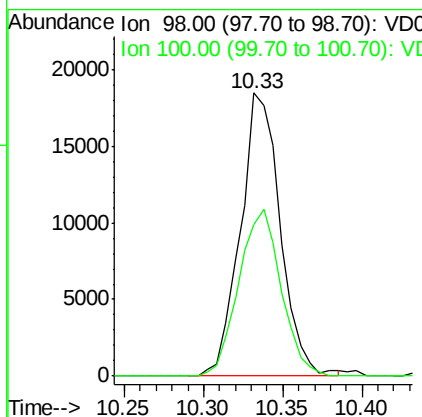
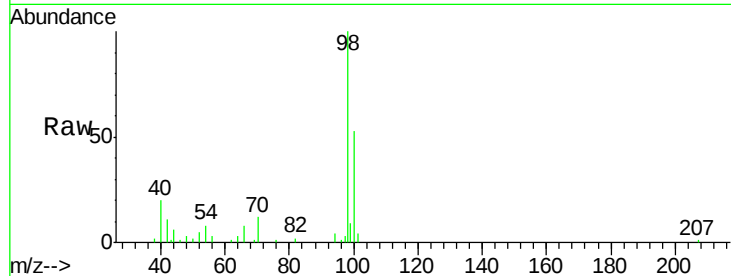




#50
Toluene-d8
Concen: 52.842 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

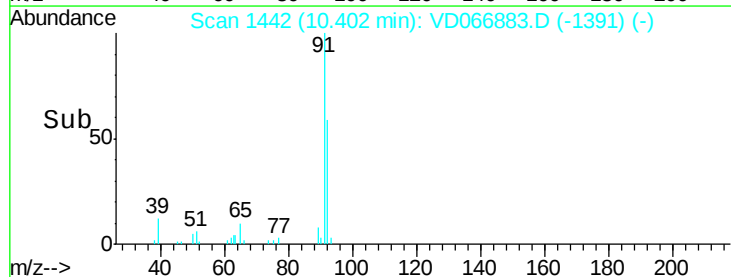
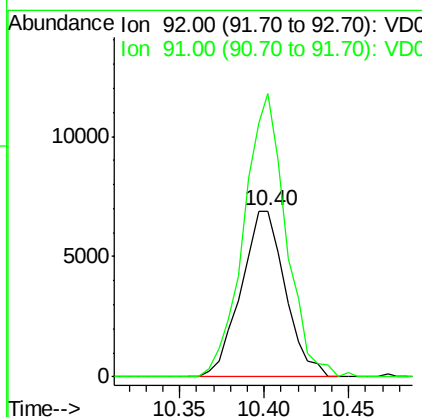
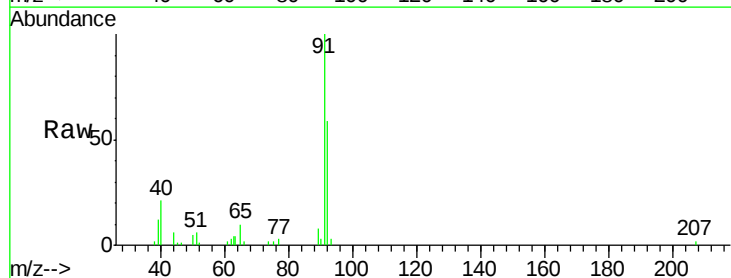
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-2

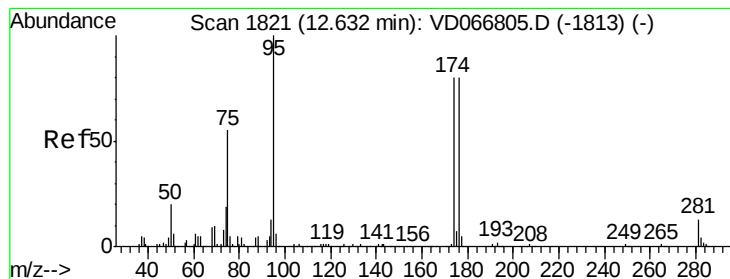
Tot Ion: 98 Resp: 32301
Ion Ratio Lower Upper
98 100
100 62.2 52.2 78.2



#52
Toluene
Concen: 25.058 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

Tgt Ion: 92 Resp: 12585
Ion Ratio Lower Upper
92 100
91 162.8 134.6 202.0





#62

4-Bromofluorobenzene

Concen: 49.832 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-2

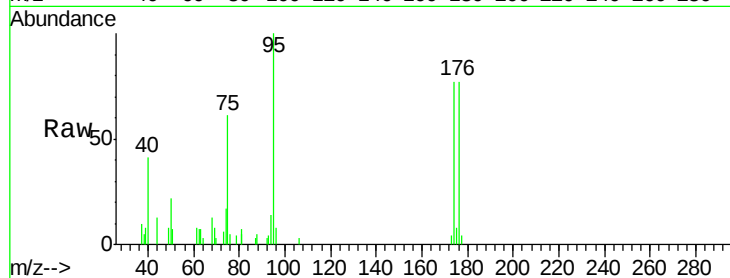
Tot Ion: 95 Resp: 10428

Ion Ratio Lower Upper

95 100

174 85.7 0.0 159.8

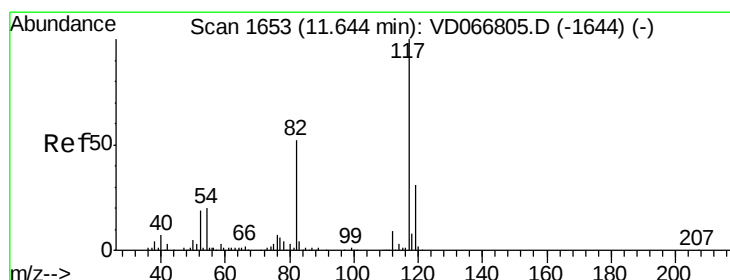
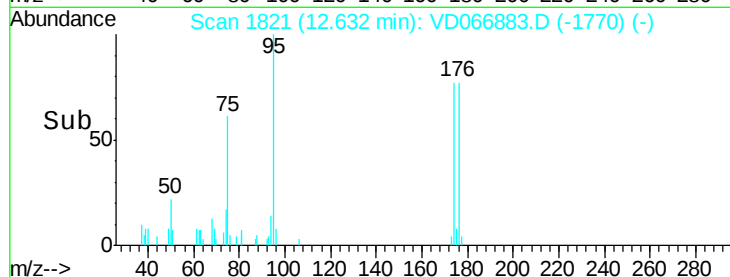
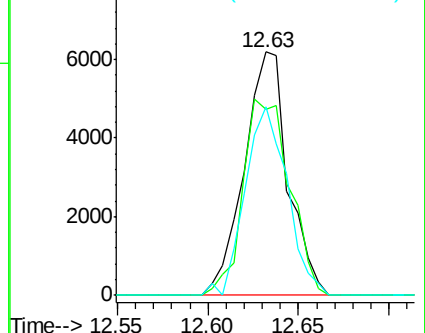
176 74.3 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1652

Delta R.T. -0.01 min

Lab File: VD066883.D

Acq: 25 Sep 2020 19:23

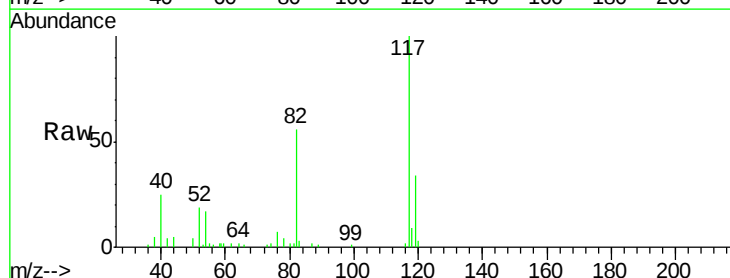
Tgt Ion: 117 Resp: 28000

Ion Ratio Lower Upper

117 100

82 55.8 41.8 62.6

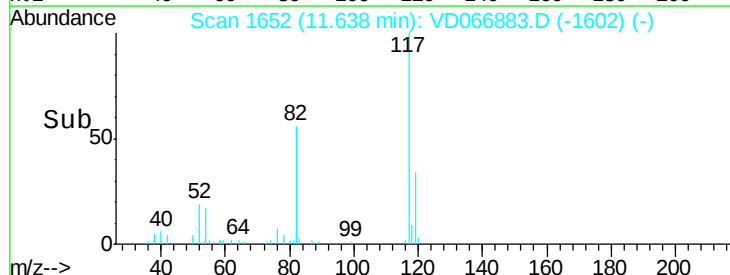
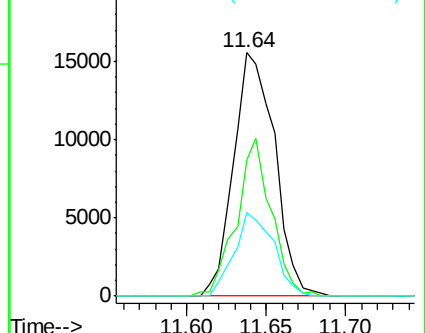
119 34.5 24.6 37.0

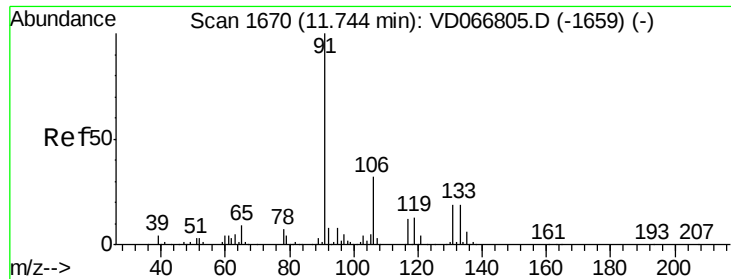


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

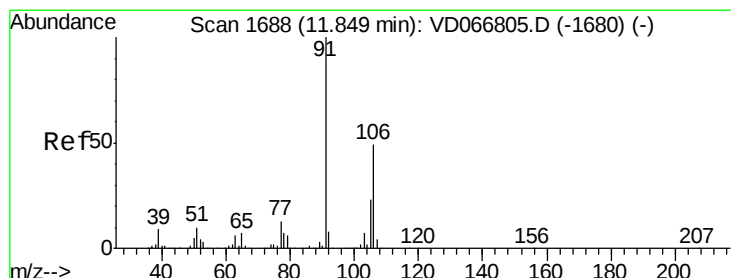
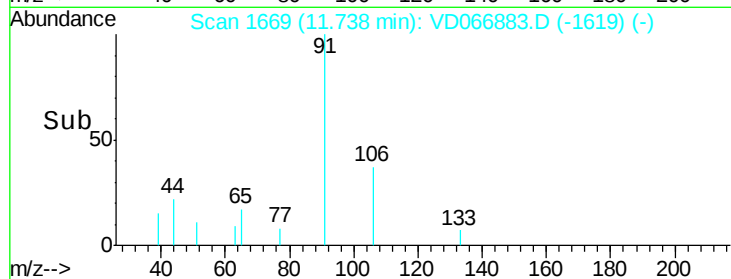
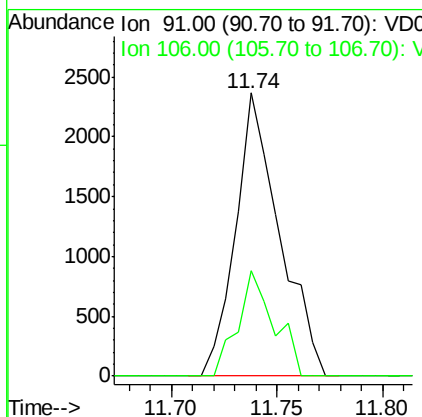
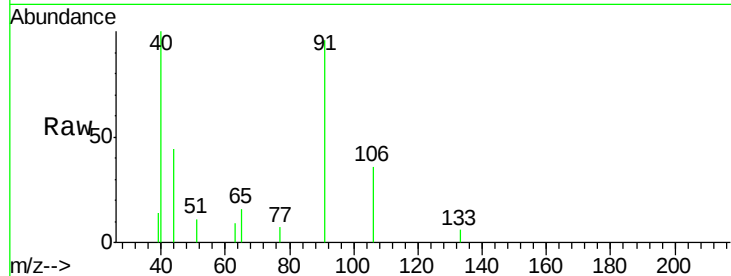




#67
Ethyl Benzene
Concen: 3.338 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

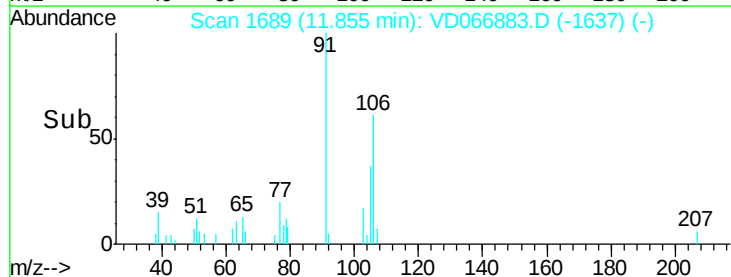
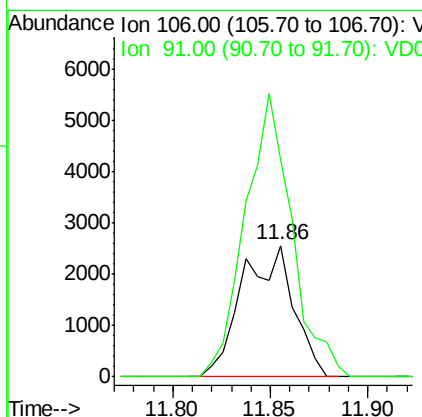
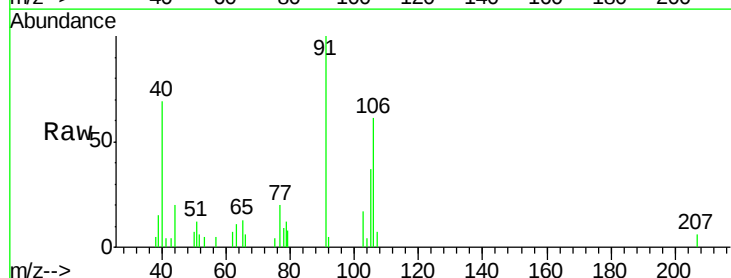
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-2

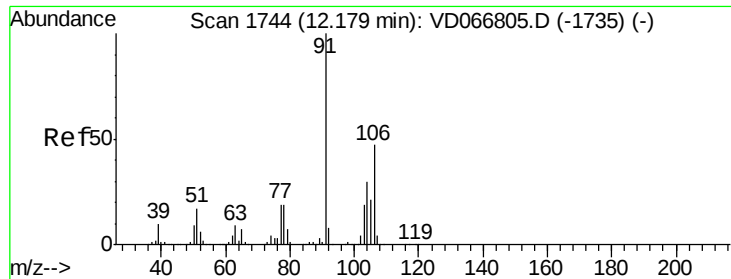
Tot Ion: 91 Resp: 3417
Ion Ratio Lower Upper
91 100
106 37.2 25.6 38.4



#68
m/p-Xylenes
Concen: 12.122 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

Tgt Ion: 106 Resp: 4698
Ion Ratio Lower Upper
106 100
91 194.9 160.7 241.1

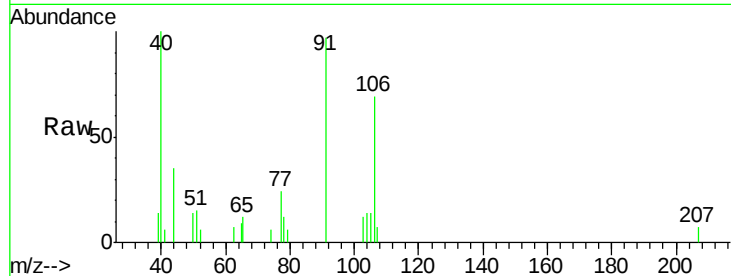




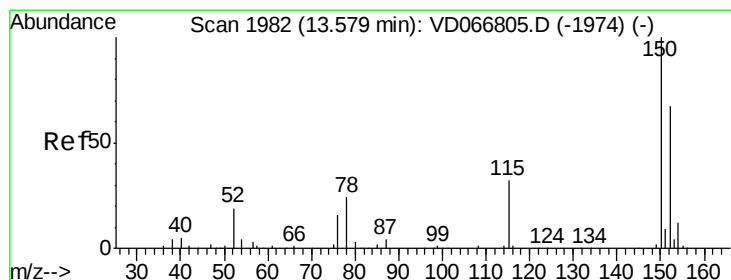
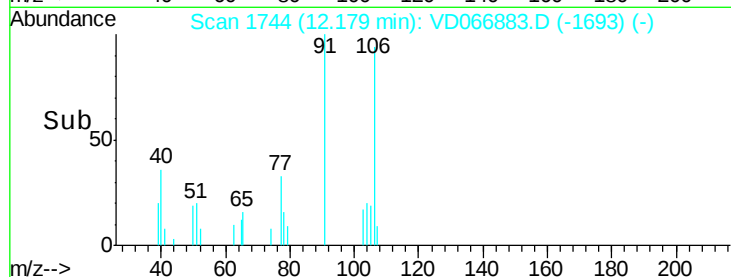
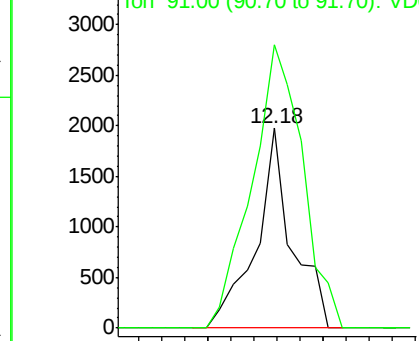
#69
o-Xylene
Concen: 6.124 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-2

Tot Ion:106 Resp: 2146
Ion Ratio Lower Upper
106 100
91 199.3 106.3 318.8

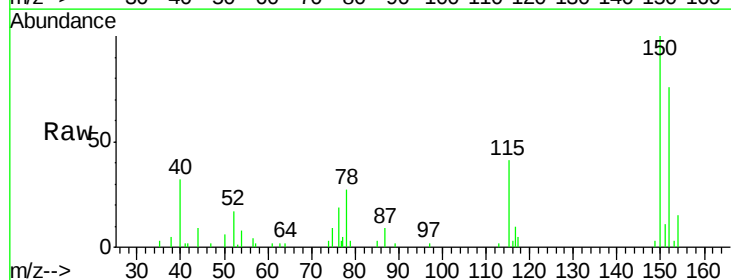


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

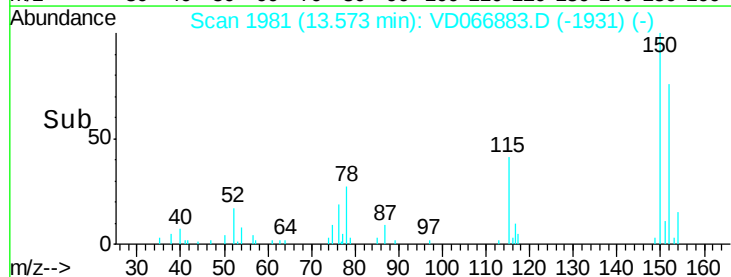
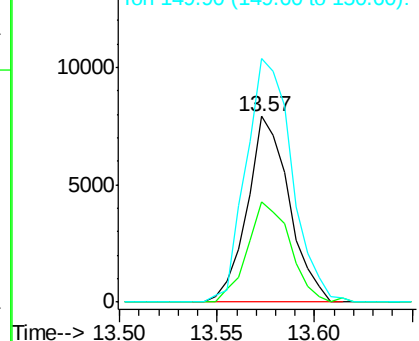


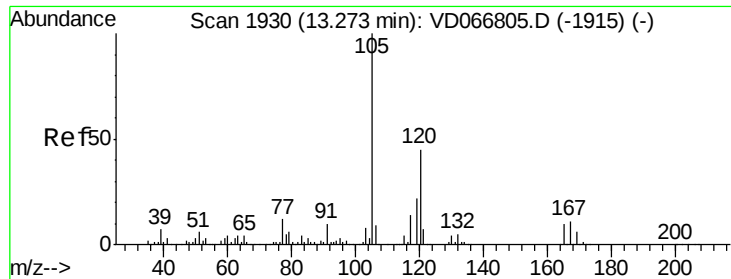
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD066883.D
Acq: 25 Sep 2020 19:23

Tgt Ion:152 Resp: 11749
Ion Ratio Lower Upper
152 100
115 55.4 30.3 91.0
150 144.1 0.0 346.2



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

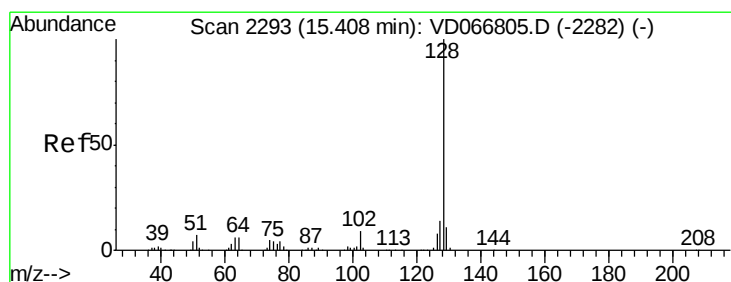
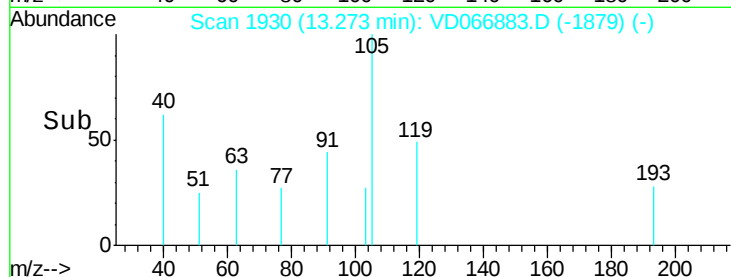
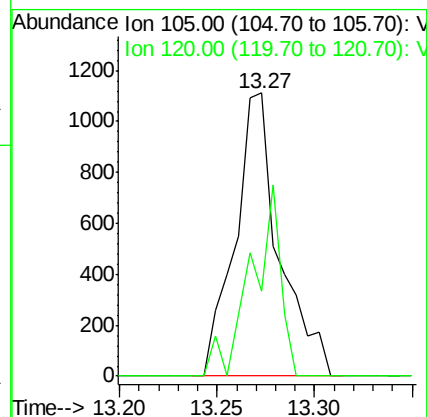
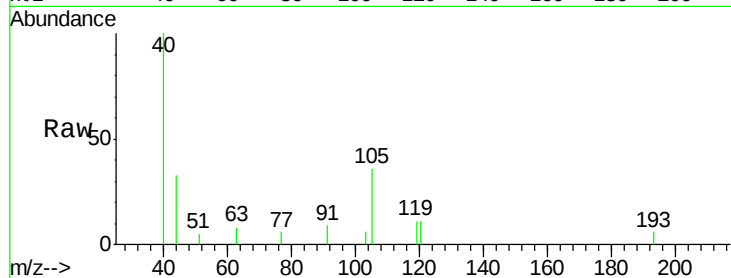




#84
 1,2,4-Trimethylbenzene
 Concen: 2.459 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066883.D
 Acq: 25 Sep 2020 19:23

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-2

Tot Ion:105 Resp: 1756
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.9



#95
 Naphthalene
 Concen: 23.464 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: VD066883.D
 Acq: 25 Sep 2020 19:23

Tgt Ion:128 Resp: 8414
 Ion Ratio Lower Upper
 128 100
 127 11.6 10.6 16.0
 129 11.1 8.9 13.3

