

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072787.D
 Acq On : 04 May 2022 14:30
 Operator : VA/SY
 Sample : N2598-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OS-DRUM-COMP

Quant Time: May 04 15:08:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

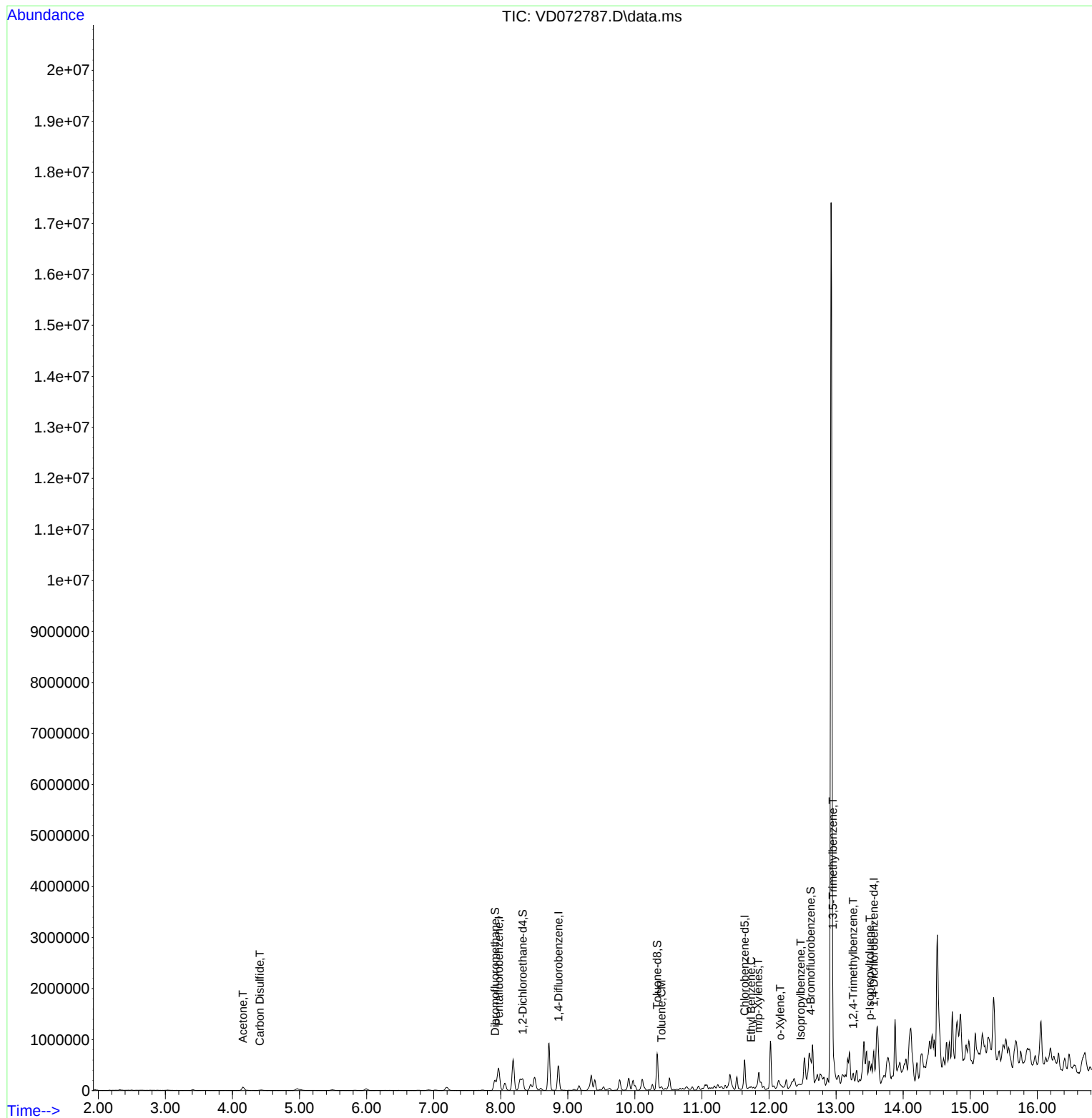
Internal Standards						
1) Pentafluorobenzene	7.973	168	196128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	416297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	314072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	85641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165204	64.890	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 129.780%		
35) Dibromofluoromethane	7.914	113	145702	49.835	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 99.660%		
50) Toluene-d8	10.332	98	430589	41.057	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 82.120%		
62) 4-Bromofluorobenzene	12.620	95	135984	34.774	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 69.540%		
Target Compounds						
16) Acetone	4.156	43	113552	237.604	ug/l #	89
17) Carbon Disulfide	4.409	76	10419	1.401	ug/l	96
52) Toluene	10.397	92	27255	3.183	ug/l	98
67) Ethyl Benzene	11.732	91	17839	1.419	ug/l #	87
68) m/p-Xylenes	11.838	106	18220	3.762	ug/l	98
69) o-Xylene	12.167	106	10326	2.283	ug/l	97
73) Isopropylbenzene	12.473	105	20448	3.069	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	58813	10.410	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	121441	21.504	ug/l	99
86) p-Isopropyltoluene	13.502	119	113258	19.068	ug/l	99

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

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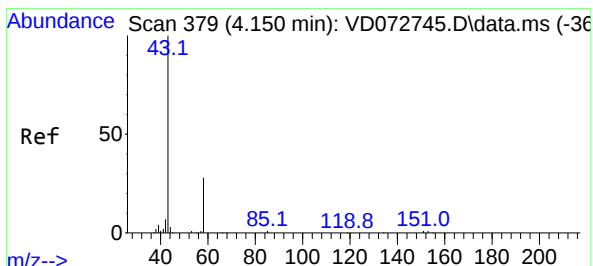
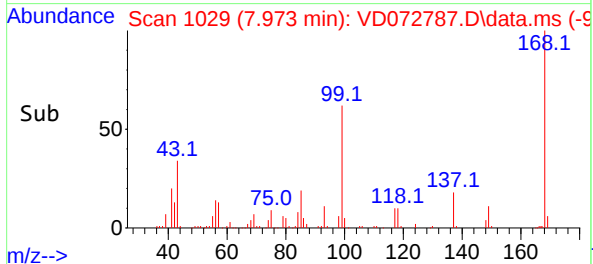
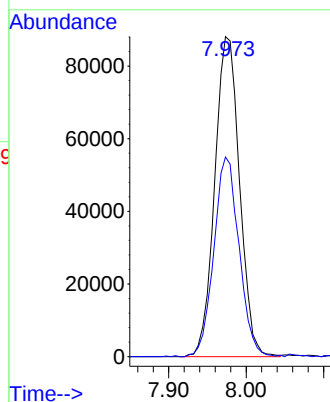
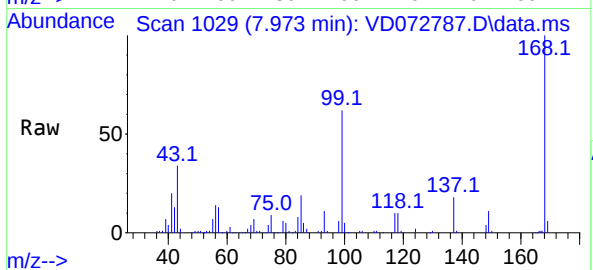




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

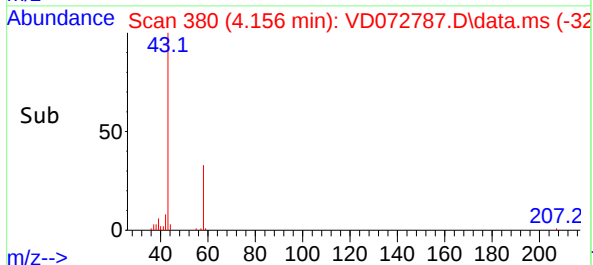
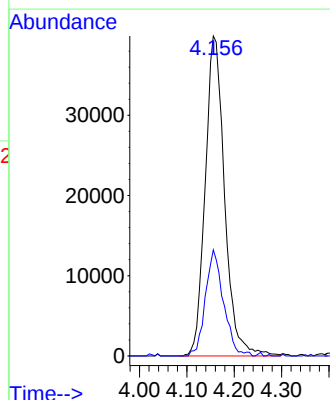
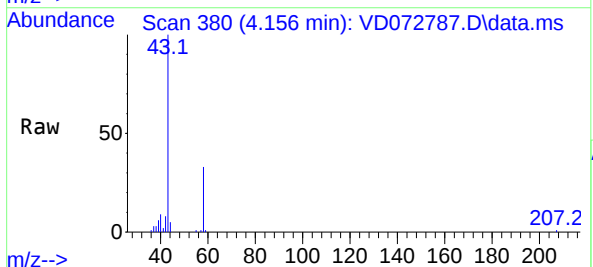
Instrument :
MSVOA_D
ClientSampleId :
OS-DRUM-COMP

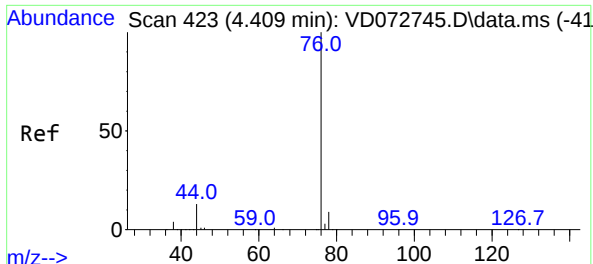
Tgt Ion:168 Resp: 196128
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#16
Acetone
Concen: 237.604 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

Tgt Ion: 43 Resp: 113552
Ion Ratio Lower Upper
43 100
58 33.1 22.1 33.1#

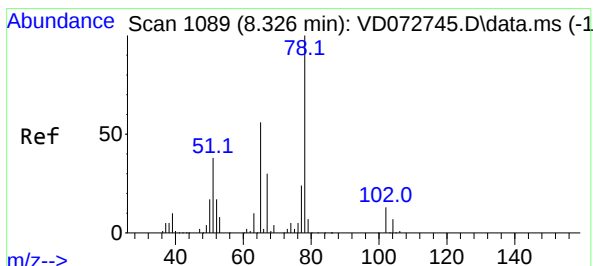
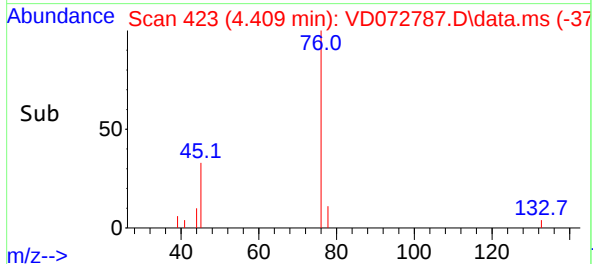
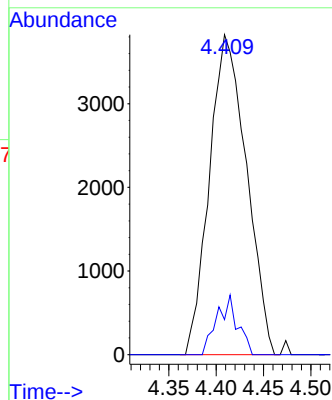
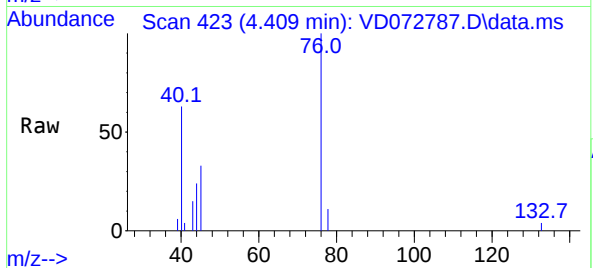




#17
Carbon Disulfide
Concen: 1.401 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

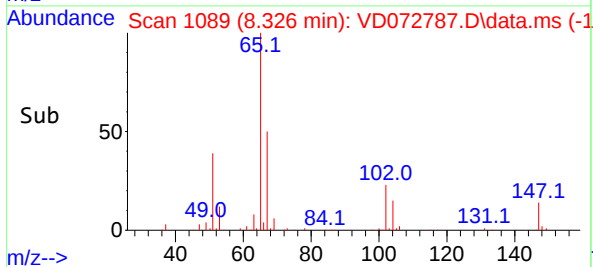
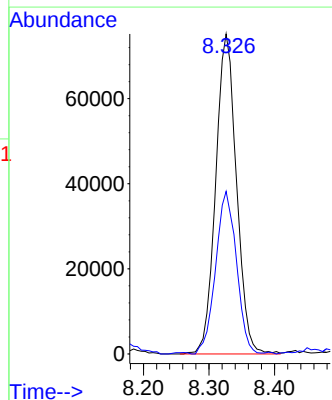
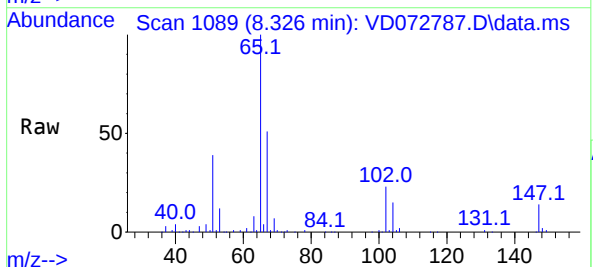
Instrument :
MSVOA_D
ClientSampleId :
OS-DRUM-COMP

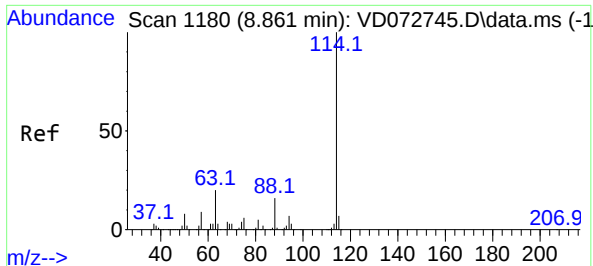
Tgt Ion: 76 Resp: 10419
Ion Ratio Lower Upper
76 100
78 11.0 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 64.890 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

Tgt Ion: 65 Resp: 165204
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072787.D

Acq: 04 May 2022 14:30

Instrument :

MSVOA_D

ClientSampleId :

OS-DRUM-COMP

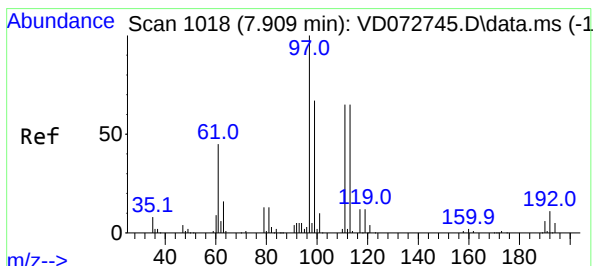
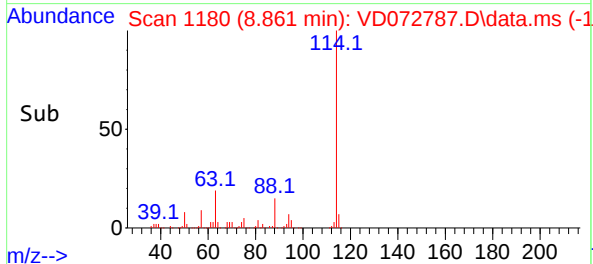
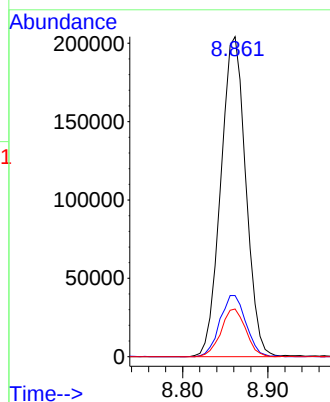
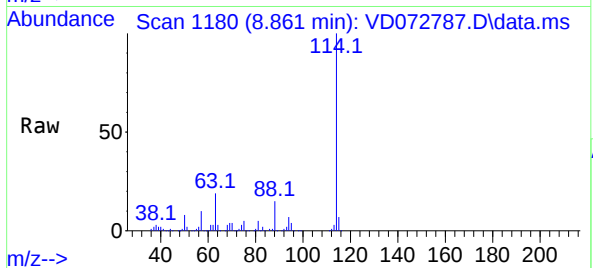
Tgt Ion:114 Resp: 416297

Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 14.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.835 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072787.D

Acq: 04 May 2022 14:30

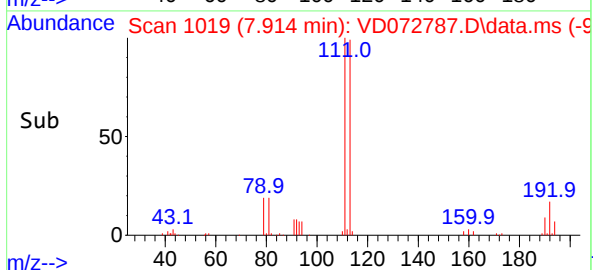
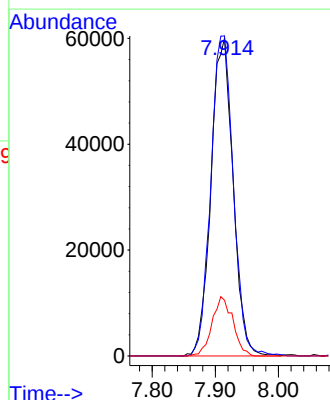
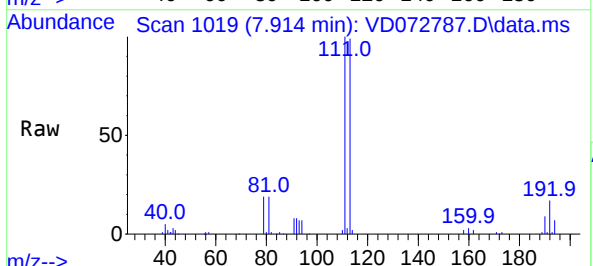
Tgt Ion:113 Resp: 145702

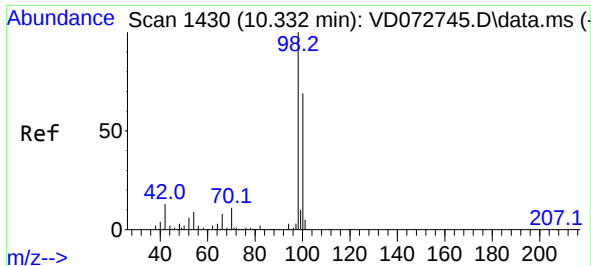
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.6 14.6 21.8

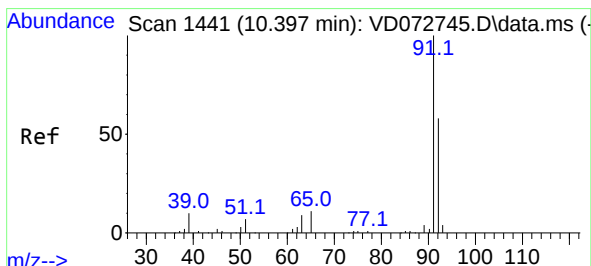
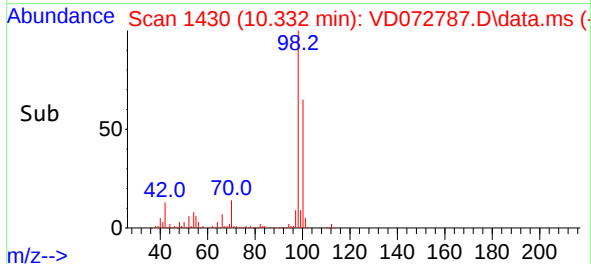
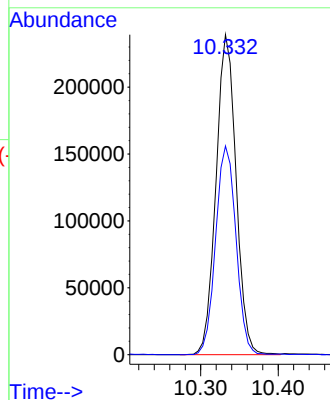
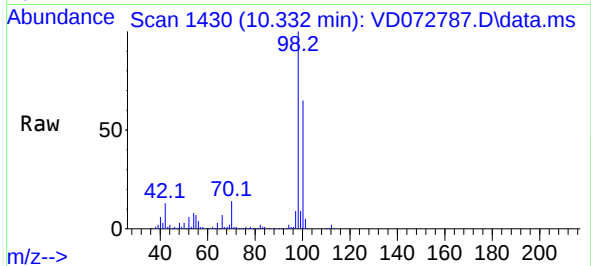




#50
Toluene-d8
Concen: 41.057 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

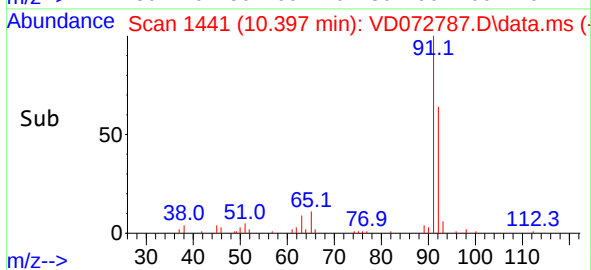
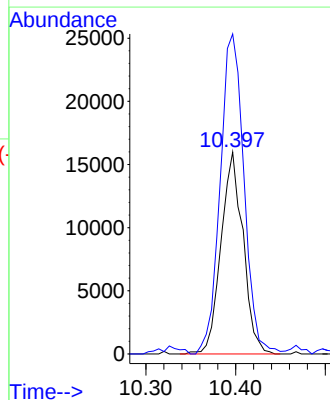
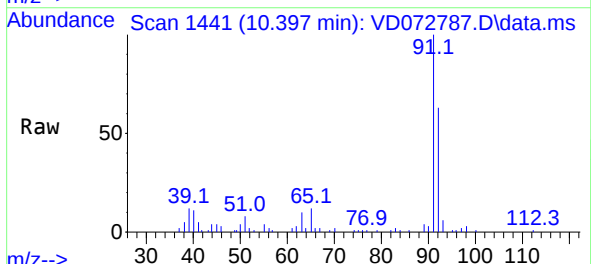
Instrument :
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OS-DRUM-COMP

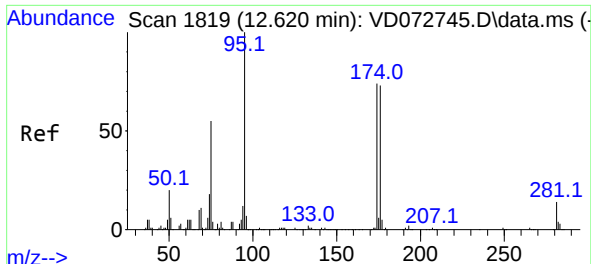
Tgt Ion: 98 Resp: 430589
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#52
Toluene
Concen: 3.183 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

Tgt Ion: 92 Resp: 27255
Ion Ratio Lower Upper
92 100
91 171.3 139.6 209.4

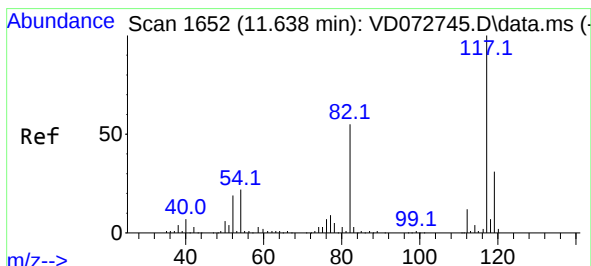
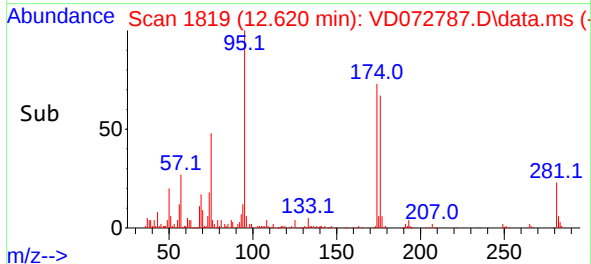
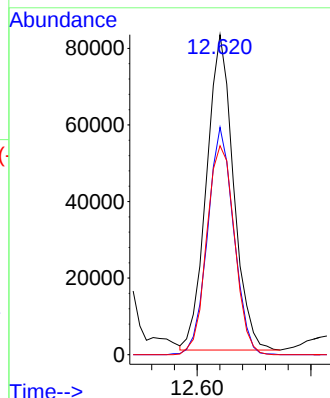
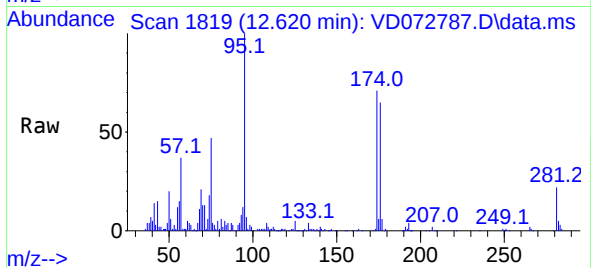




#62
4-Bromofluorobenzene
Concen: 34.774 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

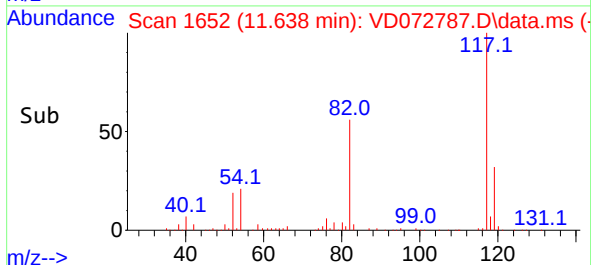
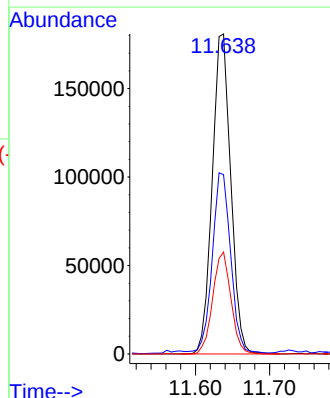
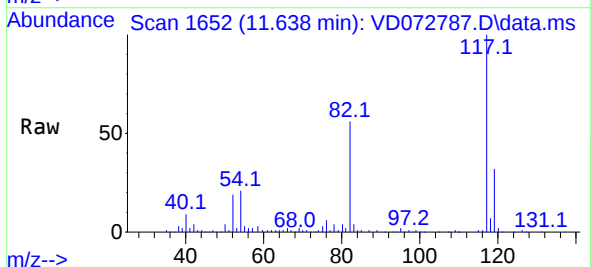
Instrument :
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ClientSampleId :
OS-DRUM-COMP

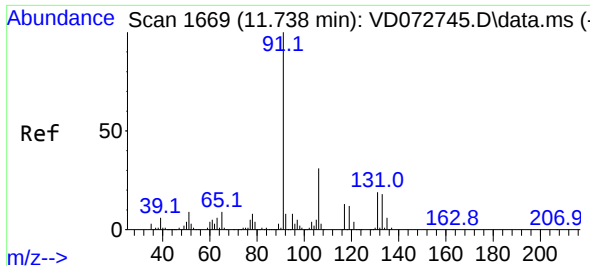
Tgt Ion: 95 Resp: 135984
Ion Ratio Lower Upper
95 100
174 69.8 0.0 152.8
176 68.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

Tgt Ion: 117 Resp: 314072
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 31.8 26.6 40.0

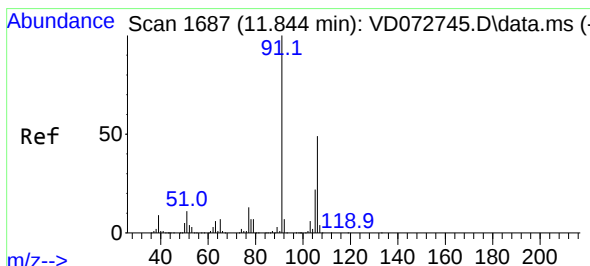
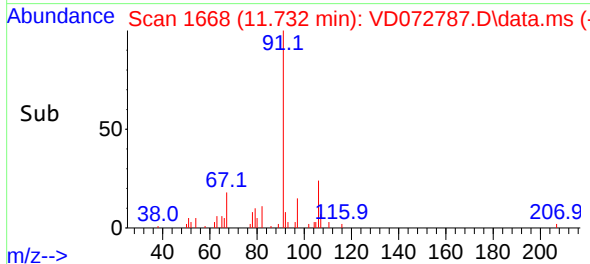
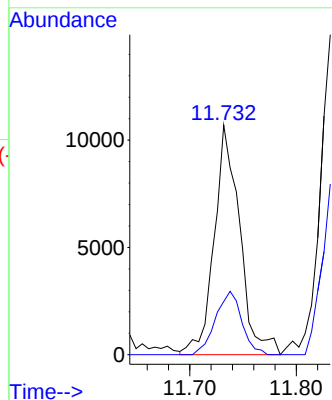
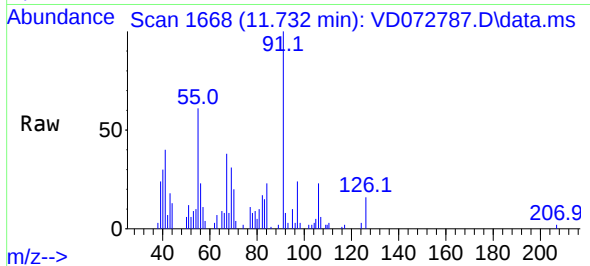




#67
Ethyl Benzene
Concen: 1.419 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

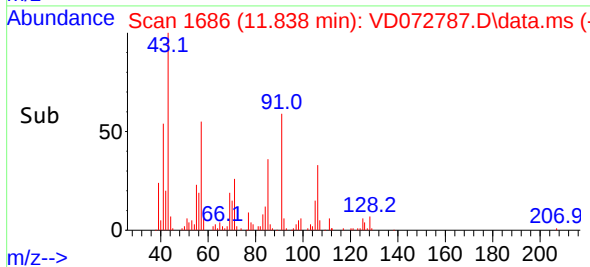
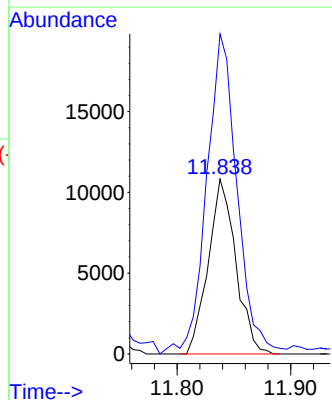
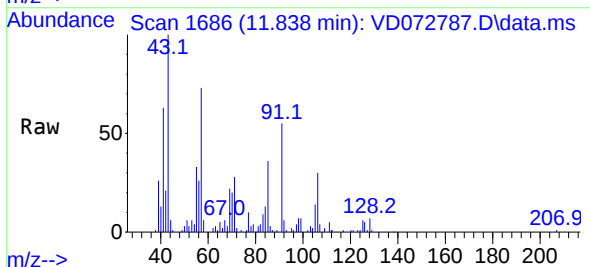
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OS-DRUM-COMP

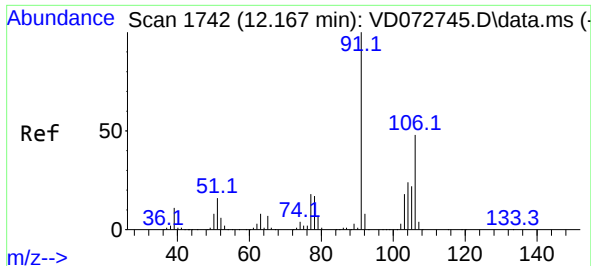
Tgt Ion: 91 Resp: 17839
Ion Ratio Lower Upper
91 100
106 23.2 24.2 36.4#



#68
m/p-Xylenes
Concen: 3.762 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

Tgt Ion: 106 Resp: 18220
Ion Ratio Lower Upper
106 100
91 202.2 163.7 245.5

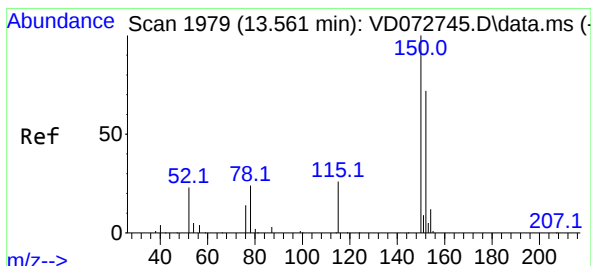
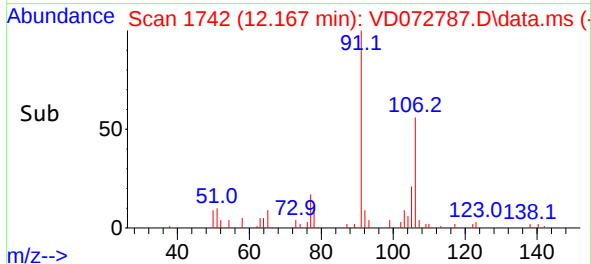
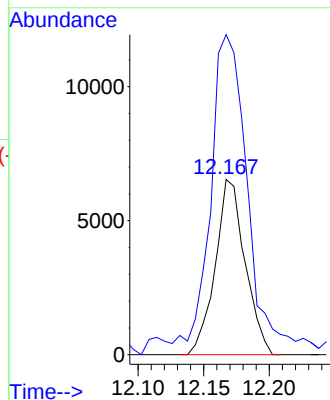
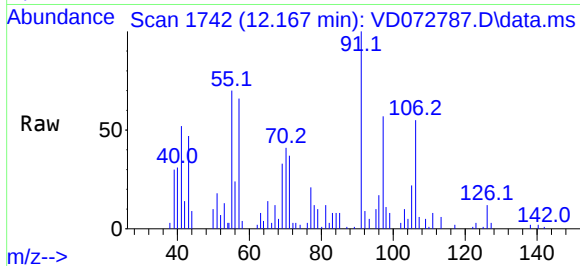




#69
o-Xylene
Concen: 2.283 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

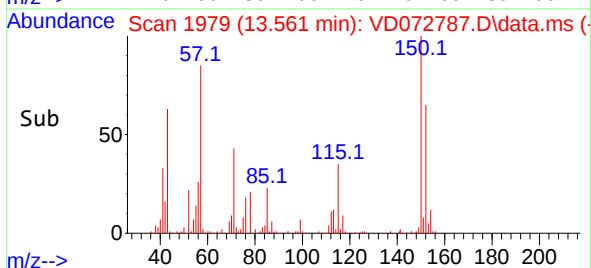
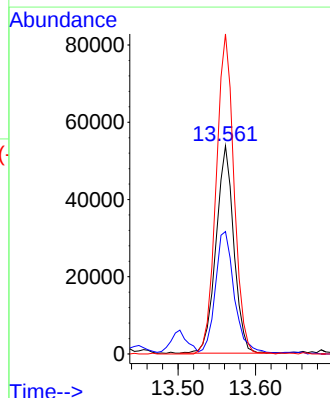
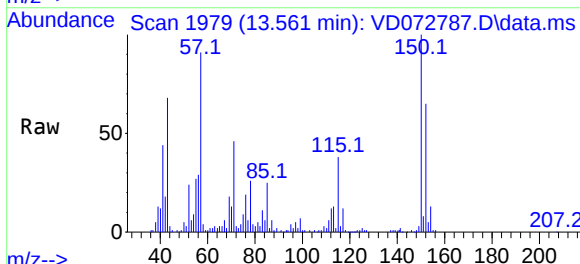
Instrument :
MSVOA_D
ClientSampleId :
OS-DRUM-COMP

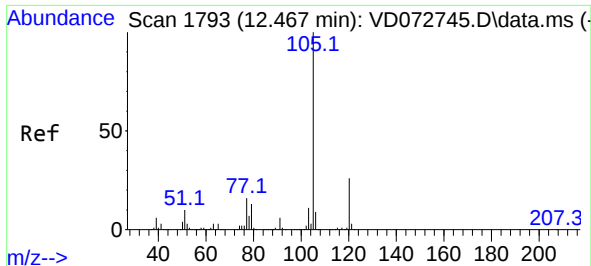
Tgt Ion:106 Resp: 10326
Ion Ratio Lower Upper
106 100
91 216.7 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

Tgt Ion:152 Resp: 85641
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 154.9 0.0 348.6

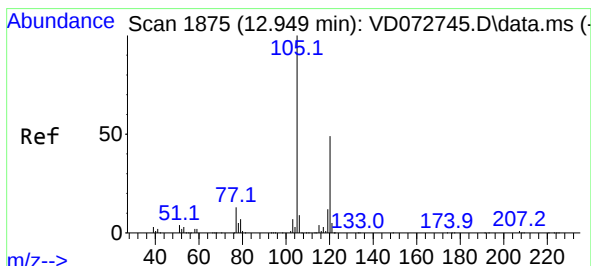
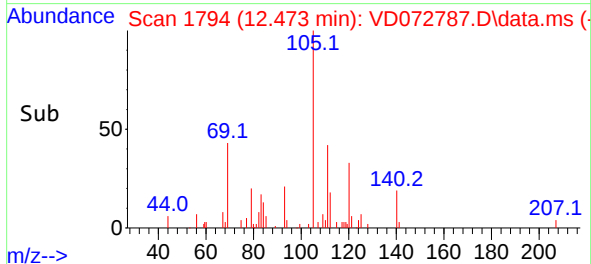
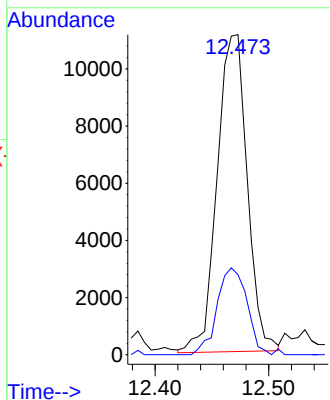
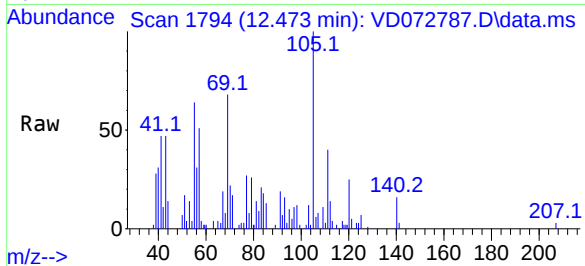




#73
Isopropylbenzene
Concen: 3.069 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

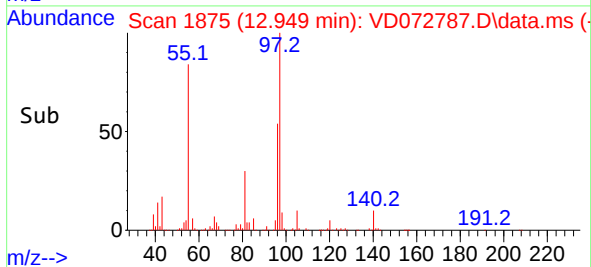
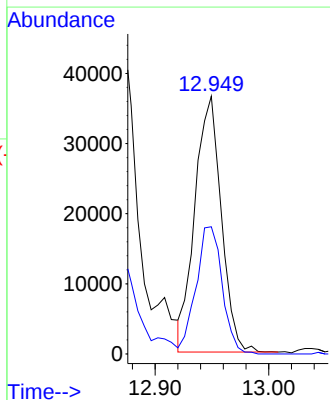
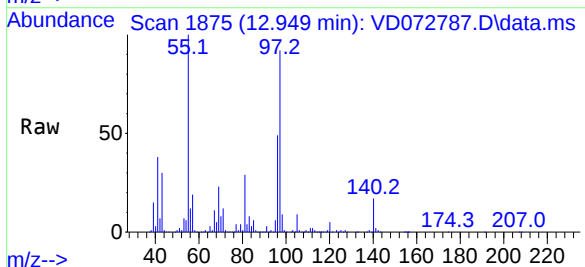
Instrument :
MSVOA_D
ClientSampleId :
OS-DRUM-COMP

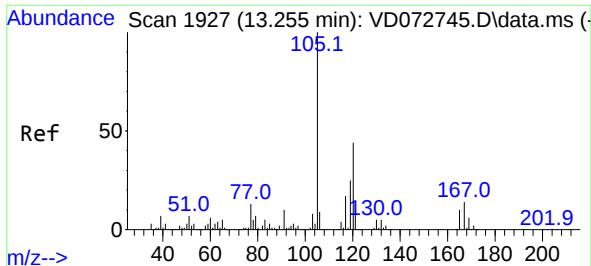
Tgt Ion:105 Resp: 20448
Ion Ratio Lower Upper
105 100
120 27.1 13.0 38.9



#80
1,3,5-Trimethylbenzene
Concen: 10.410 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

Tgt Ion:105 Resp: 58813
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8

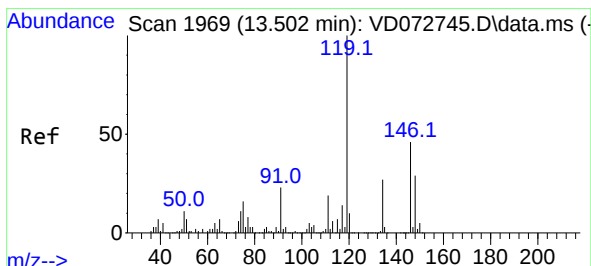
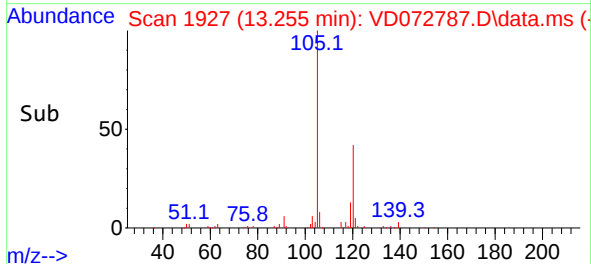
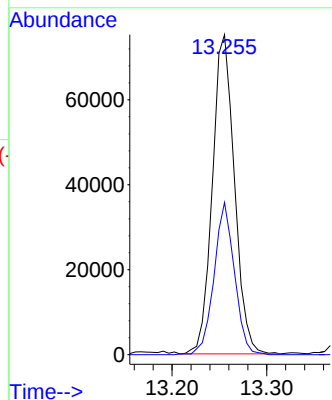
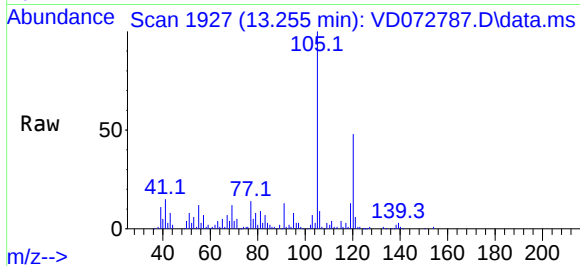




#84
1,2,4-Trimethylbenzene
Concen: 21.504 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

Instrument :
MSVOA_D
ClientSampleId :
OS-DRUM-COMP

Tgt Ion:105 Resp: 121441
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8



#86
p-Isopropyltoluene
Concen: 19.068 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072787.D
Acq: 04 May 2022 14:30

Tgt Ion:119 Resp: 113258
Ion Ratio Lower Upper
119 100
134 25.8 12.9 38.6
91 23.3 12.1 36.3

