

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072106.D
 Acq On : 25 Feb 2022 17:58
 Operator : VA/SY
 Sample : N1655-06
 Misc : 4.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PREM-REAR

Quant Time: Feb 26 05:43:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

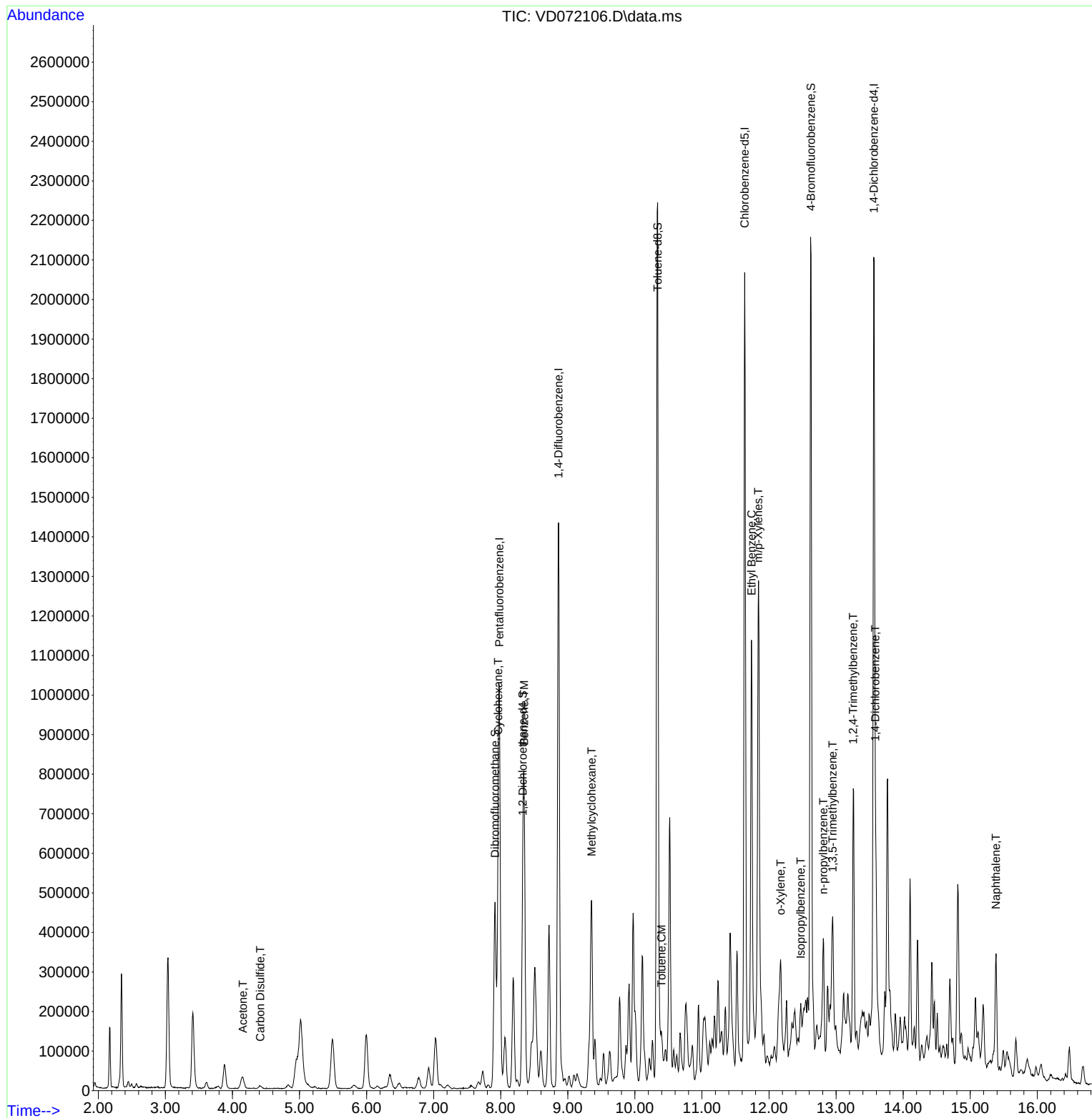
Internal Standards						
1) Pentafluorobenzene	7.979	168	670942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1126318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1094093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	534776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	309656	44.493	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.980%
35) Dibromofluoromethane	7.914	113	332692	48.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.338	98	1403016	55.441	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.880%
62) 4-Bromofluorobenzene	12.626	95	534799	57.532	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.060%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	40778	27.111	ug/l	95
17) Carbon Disulfide	4.415	76	13796	1.459	ug/l	98
31) Cyclohexane	7.961	56	94138	7.658	ug/l #	73
39) Methylcyclohexane	9.355	83	173581	14.348	ug/l	97
40) Benzene	8.350	78	632711	21.692	ug/l	99
52) Toluene	10.397	92	45187	2.421	ug/l	99
67) Ethyl Benzene	11.738	91	683969	18.344	ug/l	99
68) m/p-Xylenes	11.838	106	317170	22.221	ug/l	100
69) o-Xylene	12.173	106	59332	4.419	ug/l	100
73) Isopropylbenzene	12.473	105	66883	1.822	ug/l	99
78) n-propylbenzene	12.808	91	210059	4.654	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	108964	3.554	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	390202	12.946	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	34477	1.974	ug/l #	82
95) Naphthalene	15.385	128	258320	15.198	ug/l	98

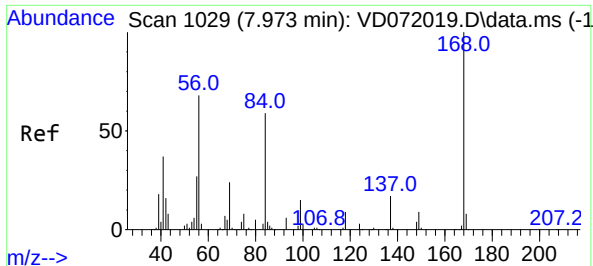
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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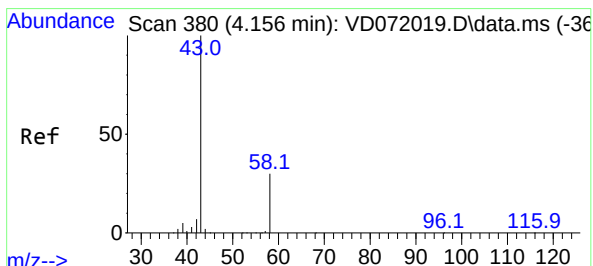
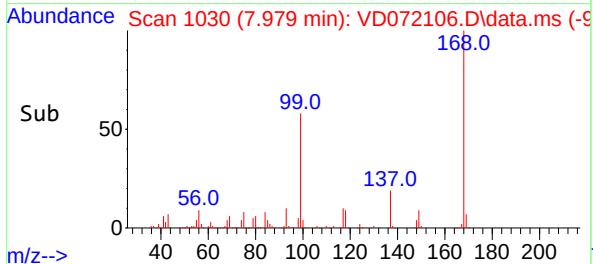
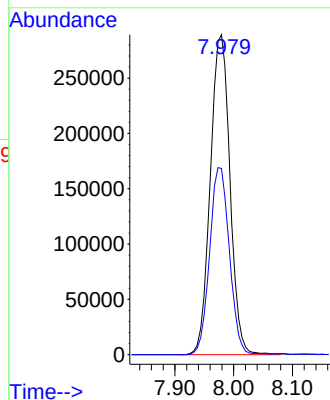
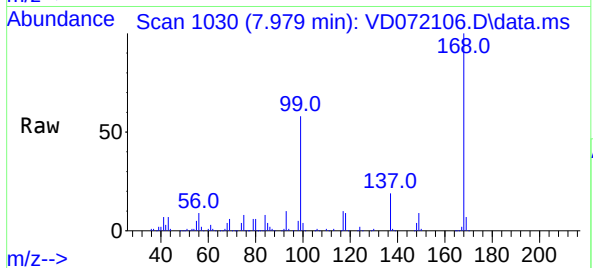




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

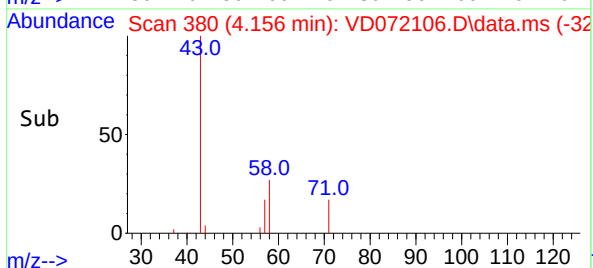
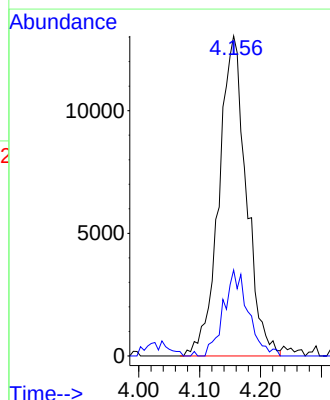
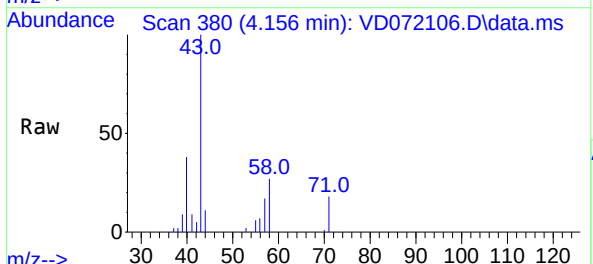
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

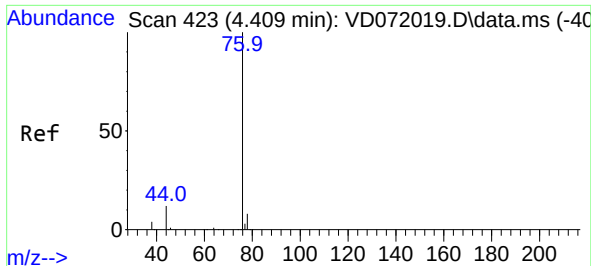
Tgt Ion:168 Resp: 670942
Ion Ratio Lower Upper
168 100
99 58.2 47.1 70.7



#16
Acetone
Concen: 27.111 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

Tgt Ion: 43 Resp: 40778
Ion Ratio Lower Upper
43 100
58 26.8 23.8 35.6

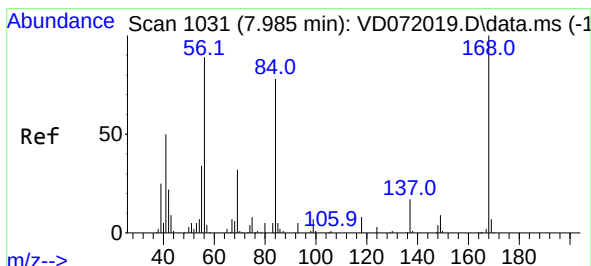
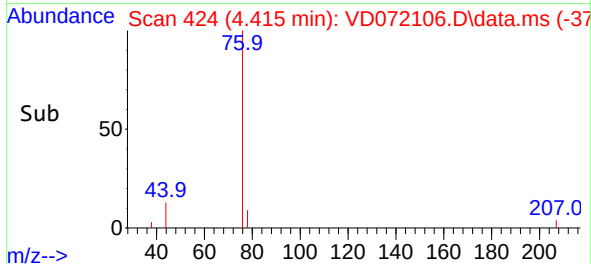
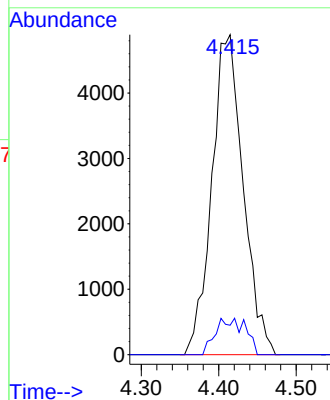
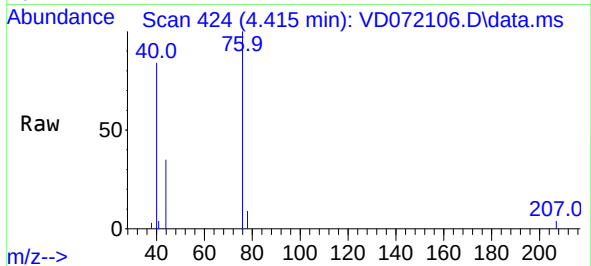




#17
Carbon Disulfide
Concen: 1.459 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

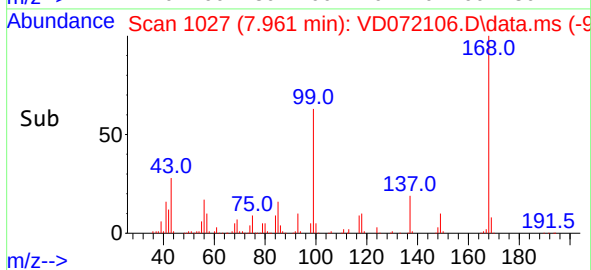
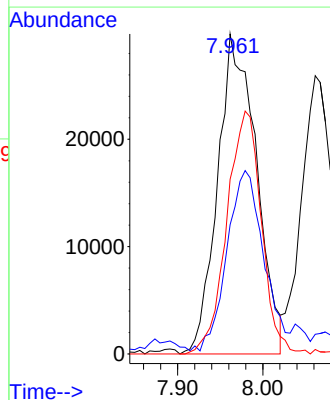
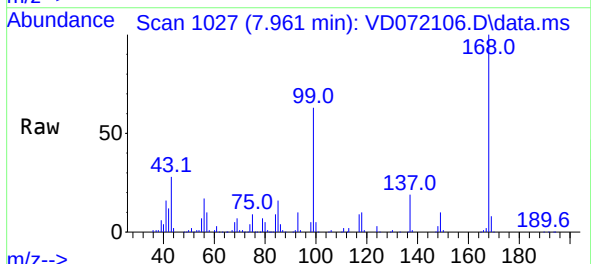
Instrument :
MSVOA_D
ClientSampleId :
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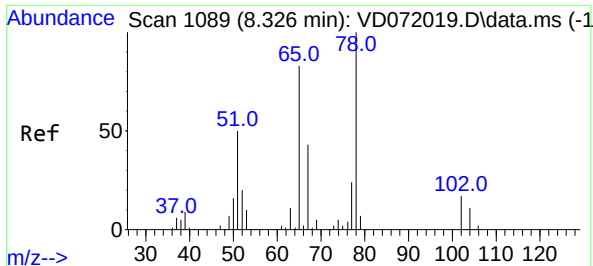
Tgt Ion: 76 Resp: 13796
Ion Ratio Lower Upper
76 100
78 9.2 6.7 10.1



#31
Cyclohexane
Concen: 7.658 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.023 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

Tgt Ion: 56 Resp: 94138
Ion Ratio Lower Upper
56 100
69 38.2 28.9 43.3
84 54.6 70.6 105.8#

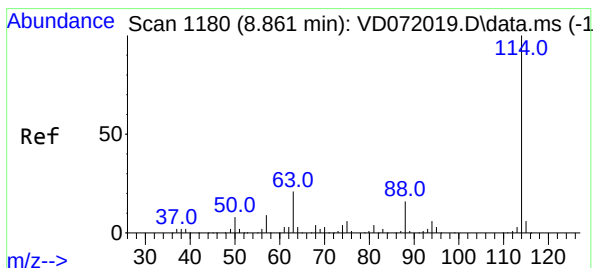
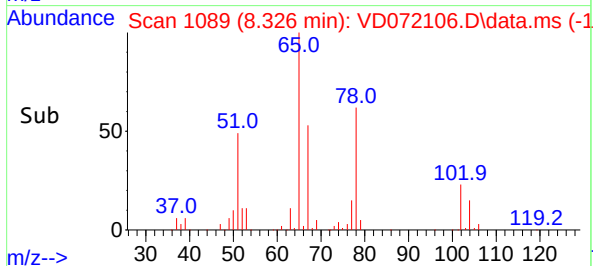
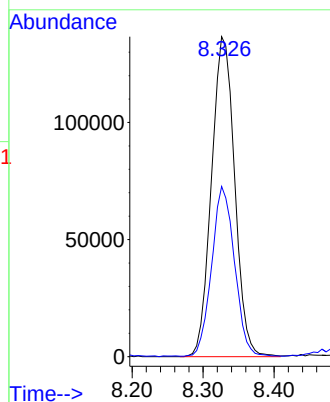
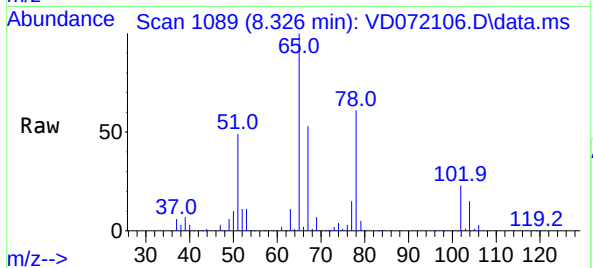




#33
1,2-Dichloroethane-d4
Concen: 44.493 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

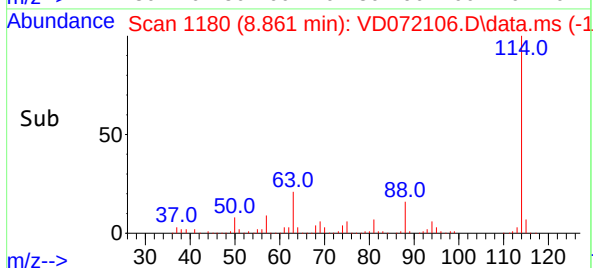
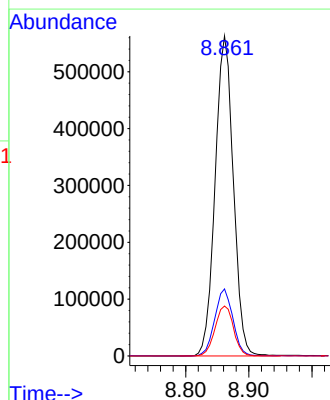
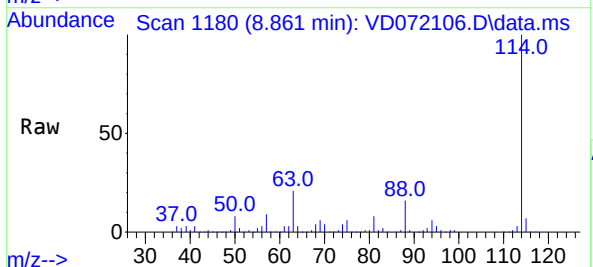
Instrument :
MSVOA_D
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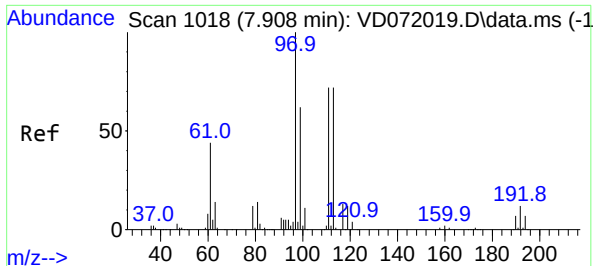
Tgt Ion: 65 Resp: 309656
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

Tgt Ion: 114 Resp: 1126318
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.2
88 15.6 0.0 31.2

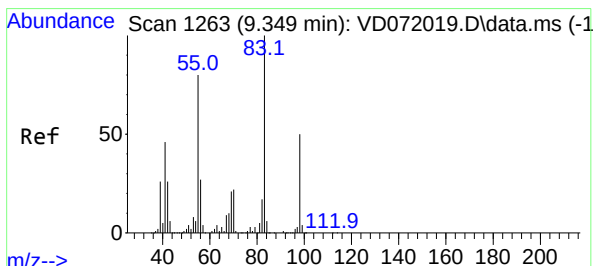
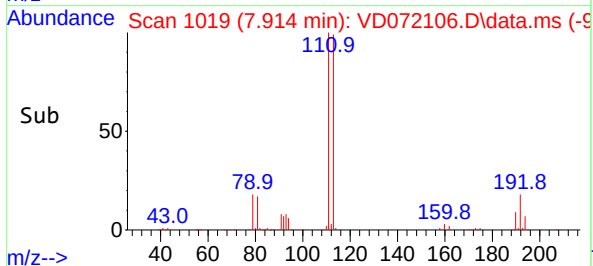
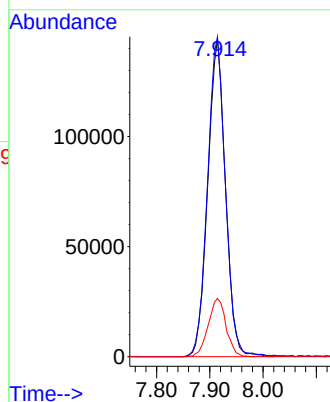
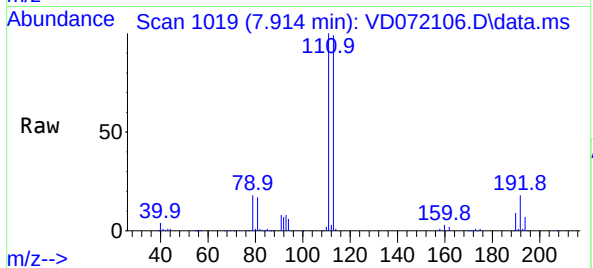




#35
Dibromofluoromethane
Concen: 48.753 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

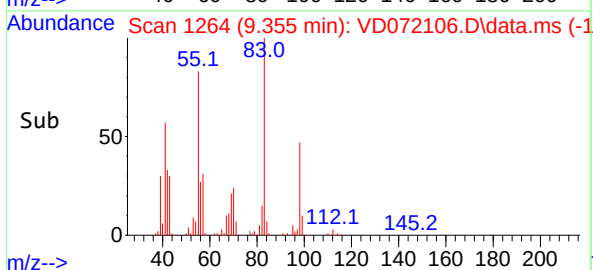
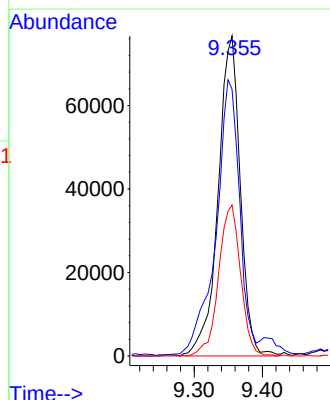
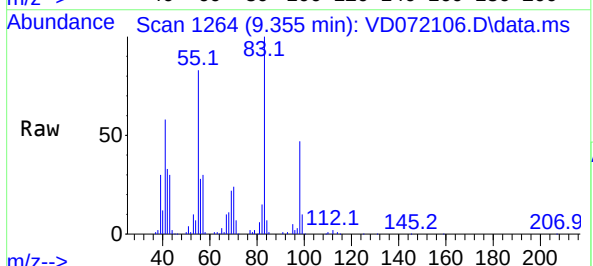
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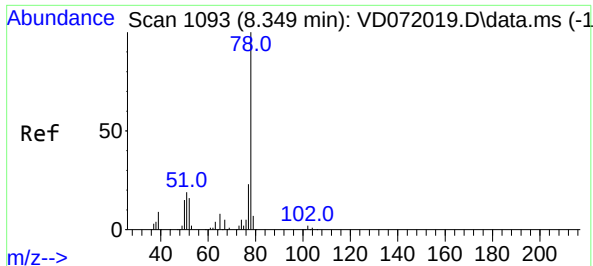
Tgt Ion:113 Resp: 332692
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.4
192 18.5 15.3 22.9



#39
Methylcyclohexane
Concen: 14.348 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

Tgt Ion: 83 Resp: 173581
Ion Ratio Lower Upper
83 100
55 82.7 64.0 96.0
98 47.1 39.8 59.8

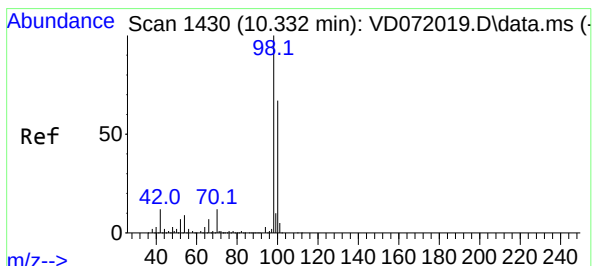
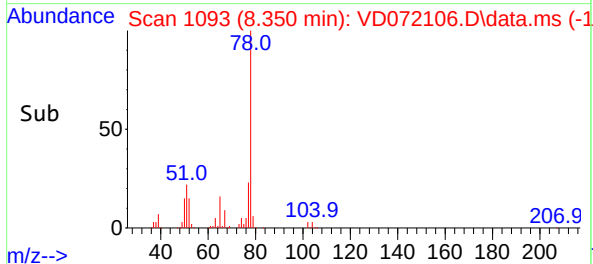
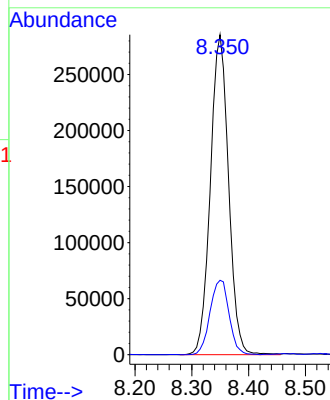
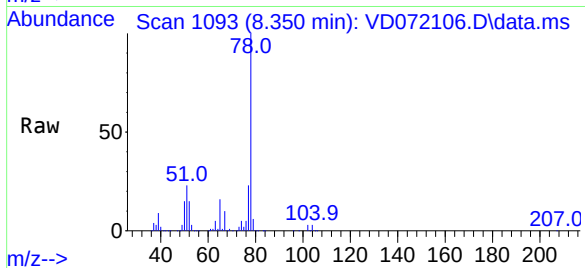




#40
Benzene
Concen: 21.692 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

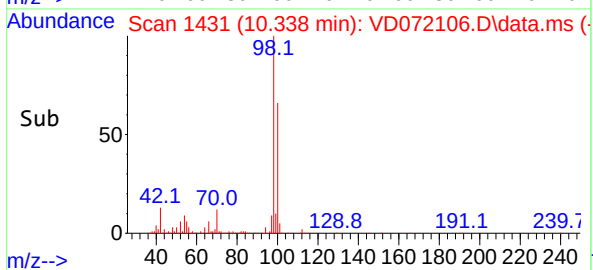
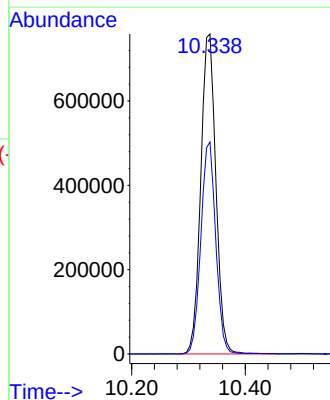
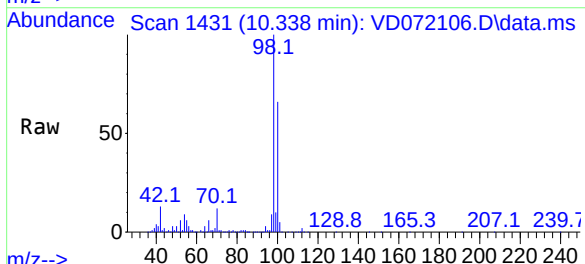
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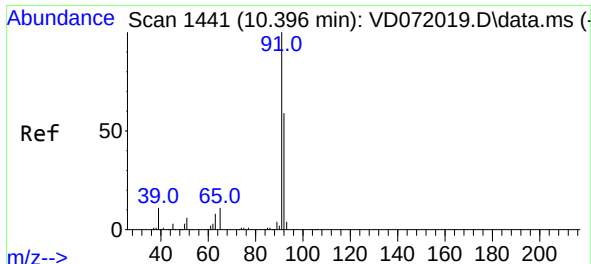
Tgt Ion: 78 Resp: 632711
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4



#50
Toluene-d8
Concen: 55.441 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

Tgt Ion: 98 Resp: 1403016
Ion Ratio Lower Upper
98 100
100 65.3 53.8 80.6

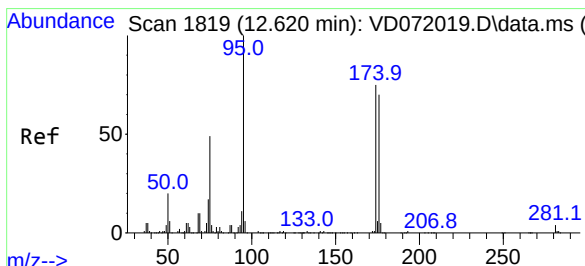
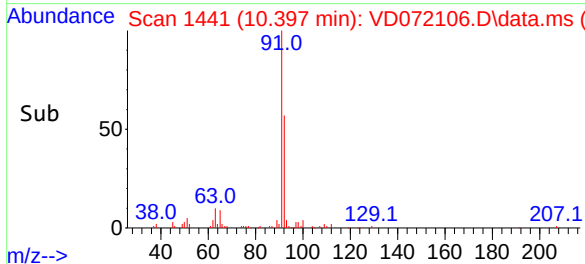
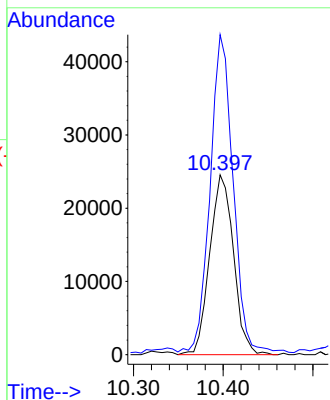
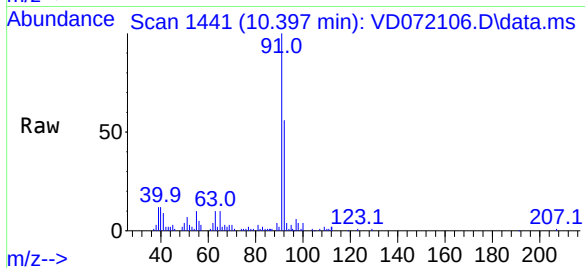




#52
Toluene
Concen: 2.421 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

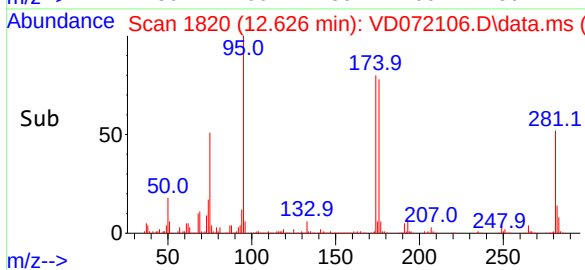
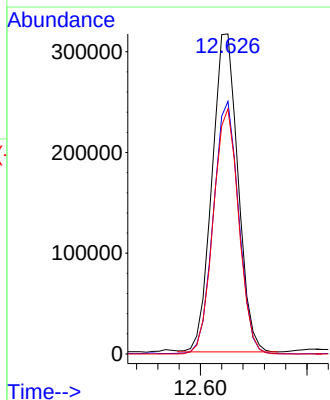
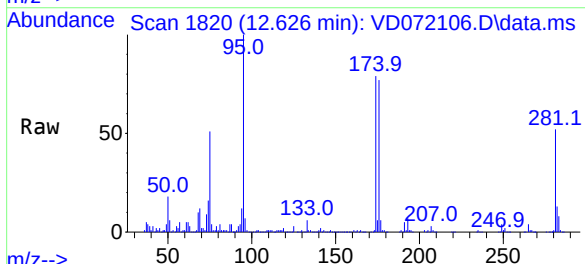
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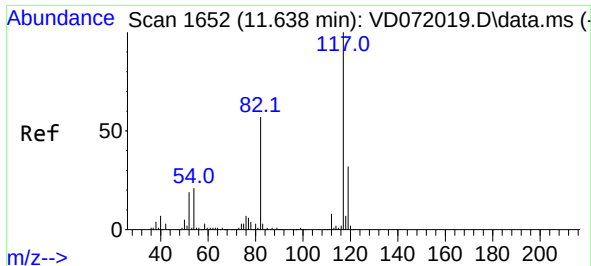
Tgt Ion: 92 Resp: 45187
Ion Ratio Lower Upper
92 100
91 170.3 135.6 203.4



#62
4-Bromofluorobenzene
Concen: 57.532 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

Tgt Ion: 95 Resp: 534799
Ion Ratio Lower Upper
95 100
174 77.4 0.0 155.0
176 75.4 0.0 148.8

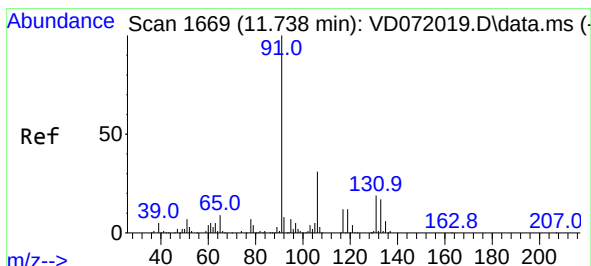
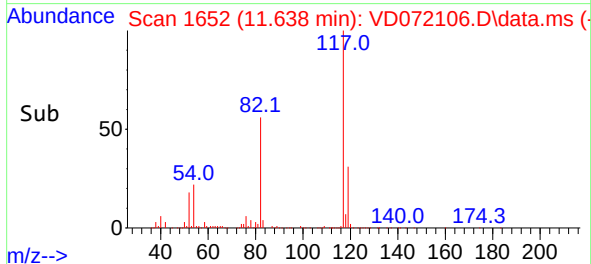
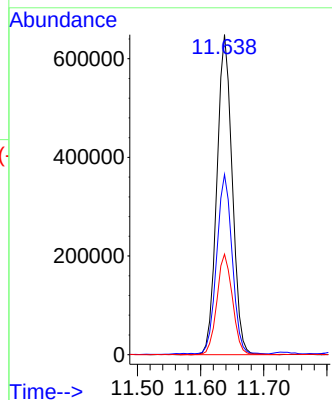
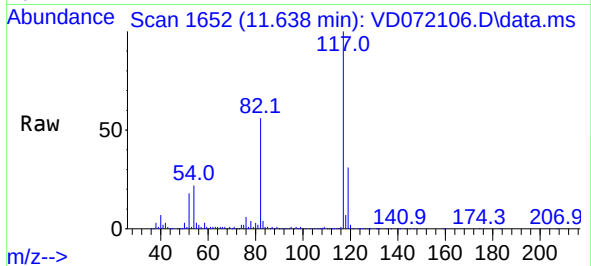




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

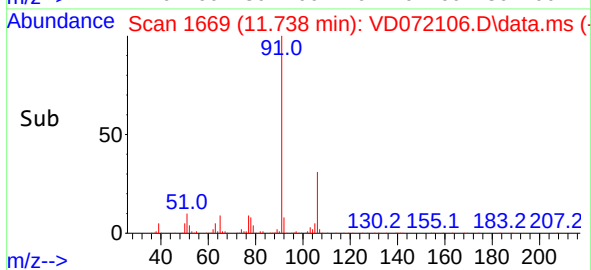
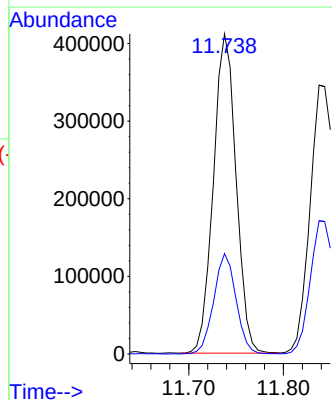
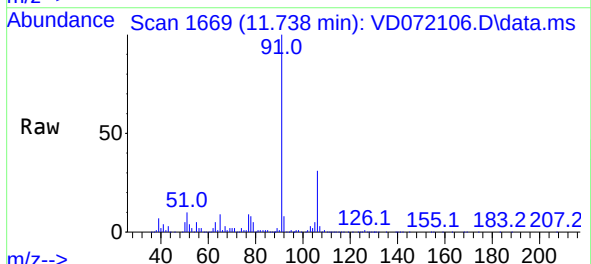
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

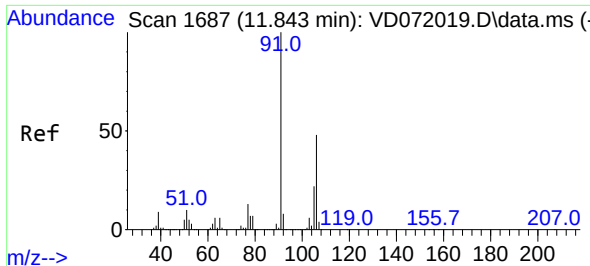
Tgt Ion:117 Resp: 1094093
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 31.4 25.4 38.2



#67
Ethyl Benzene
Concen: 18.344 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

Tgt Ion: 91 Resp: 683969
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

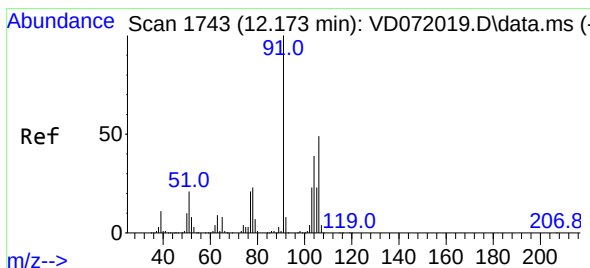
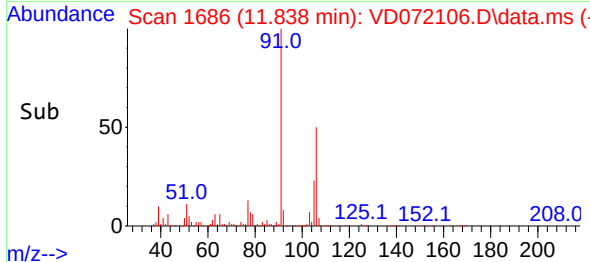
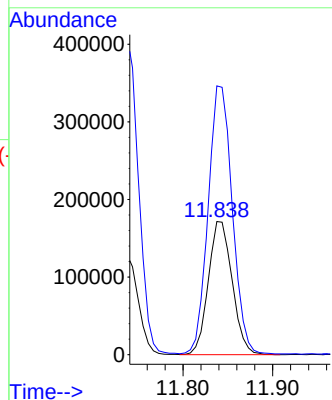
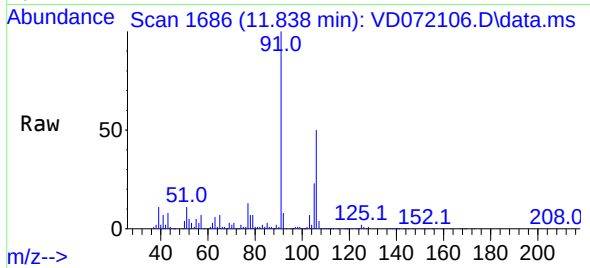




#68
m/p-Xylenes
Concen: 22.221 ug/l
RT: 11.838 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

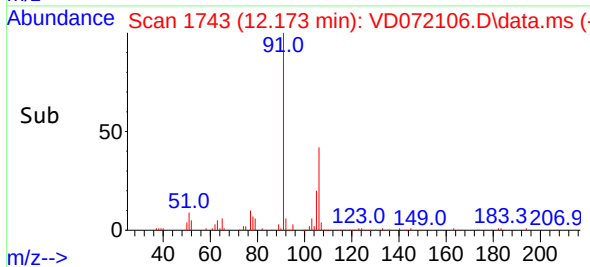
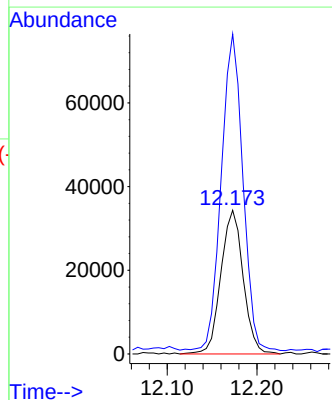
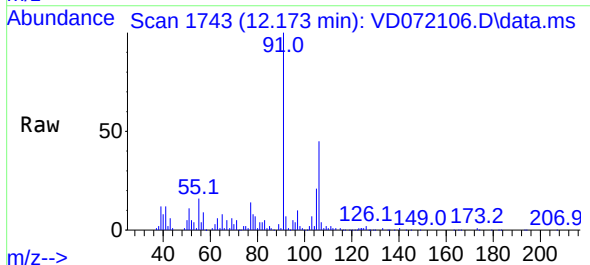
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

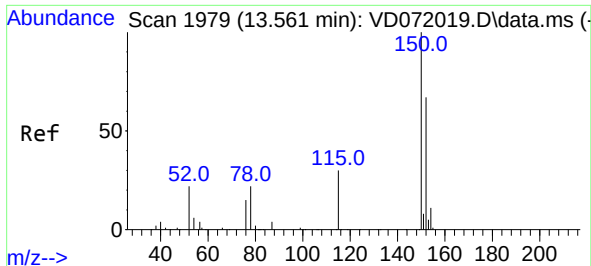
Tgt Ion:106 Resp: 317170
Ion Ratio Lower Upper
106 100
91 203.0 162.6 243.8



#69
o-Xylene
Concen: 4.419 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

Tgt Ion:106 Resp: 59332
Ion Ratio Lower Upper
106 100
91 212.4 106.0 317.9

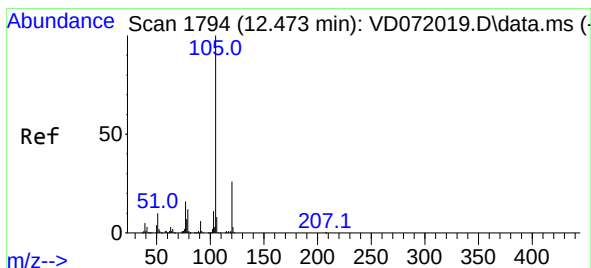
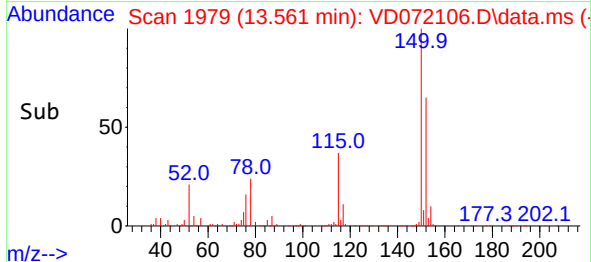
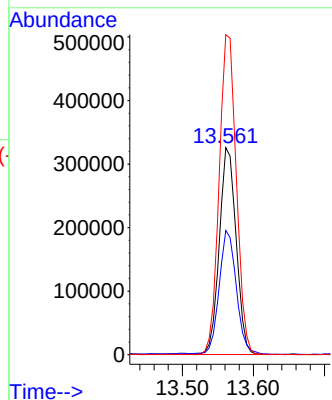
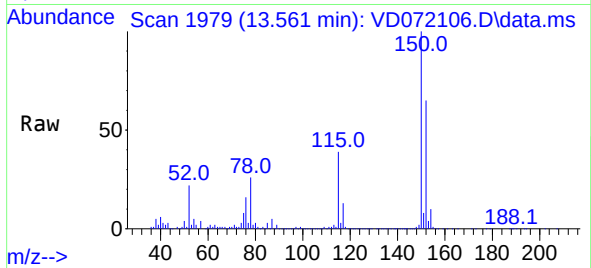




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

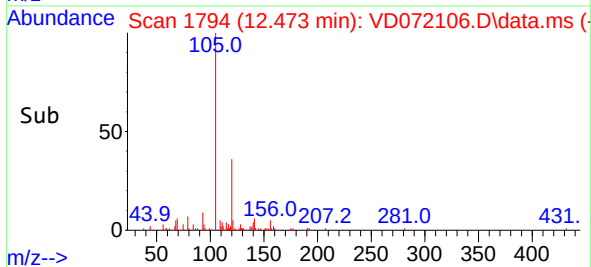
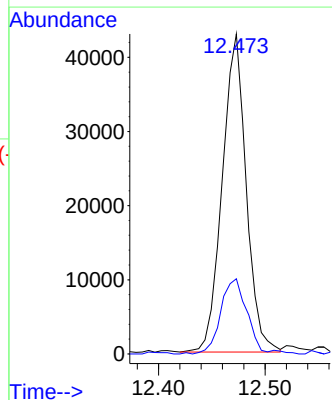
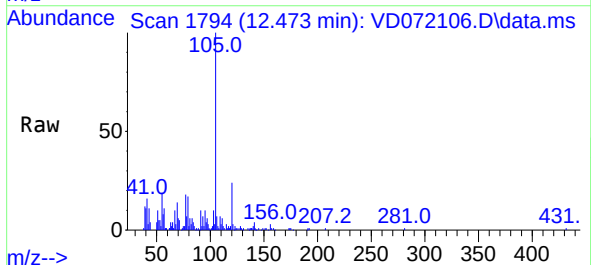
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

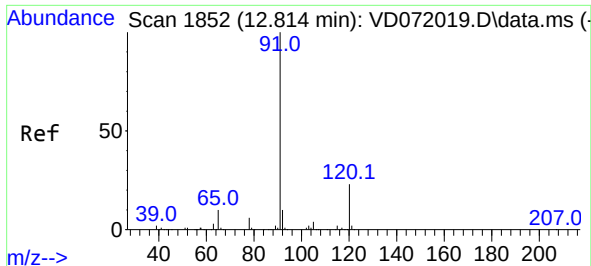
Tgt Ion:152 Resp: 534776
Ion Ratio Lower Upper
152 100
115 61.2 29.9 89.7
150 157.8 0.0 347.6



#73
Isopropylbenzene
Concen: 1.822 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

Tgt Ion:105 Resp: 66883
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

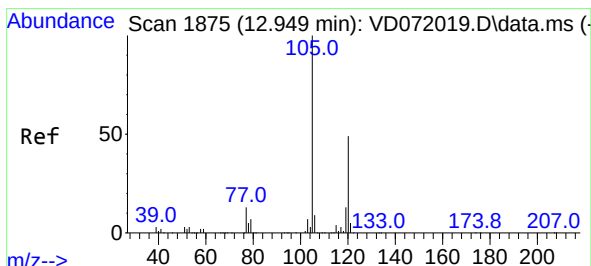
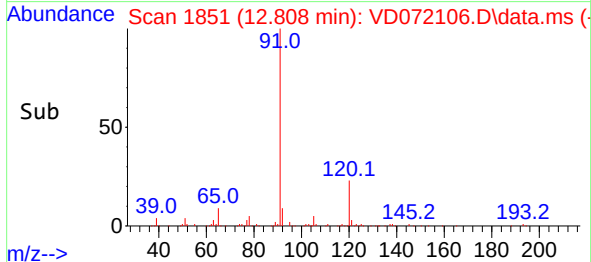
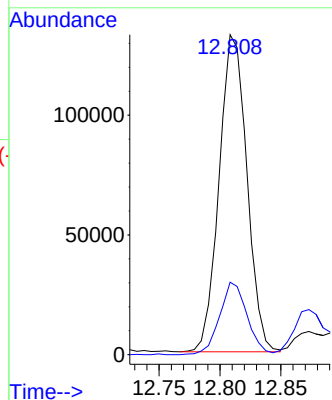
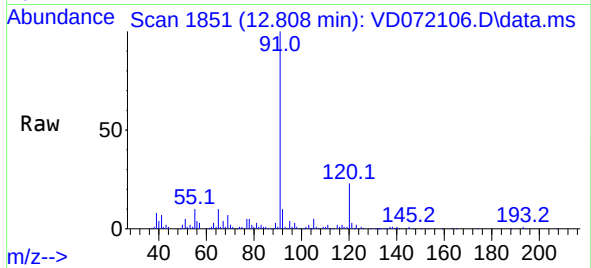




#78
n-propylbenzene
Concen: 4.654 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

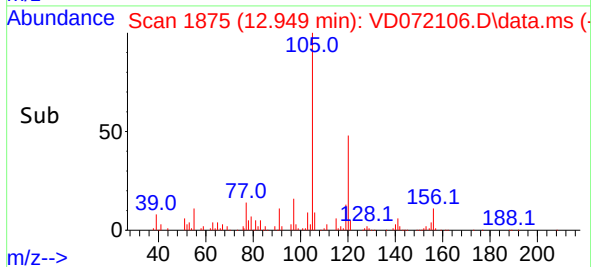
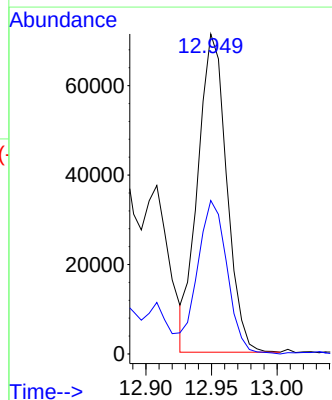
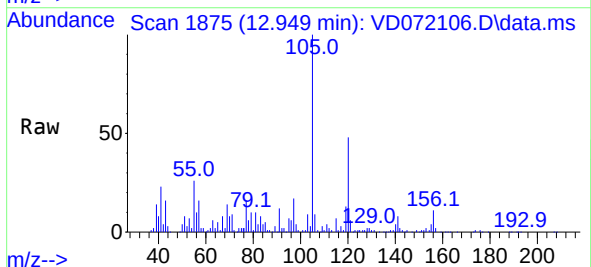
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

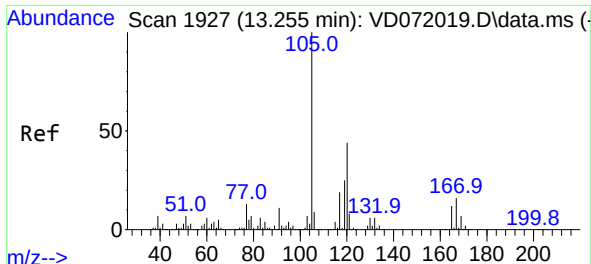
Tgt Ion: 91 Resp: 210059
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5



#80
1,3,5-Trimethylbenzene
Concen: 3.554 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

Tgt Ion:105 Resp: 108964
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7

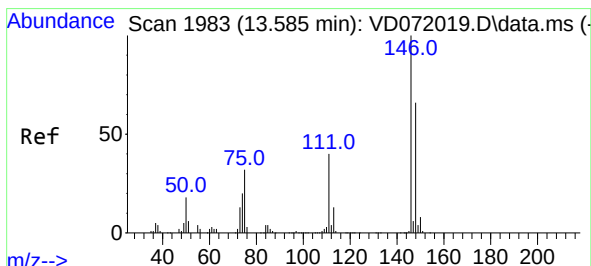
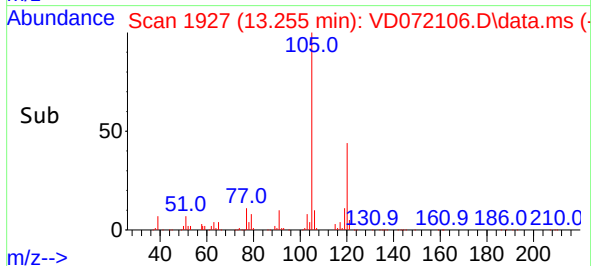
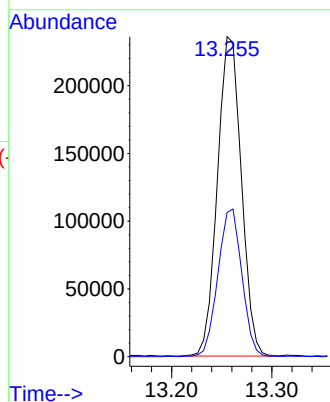
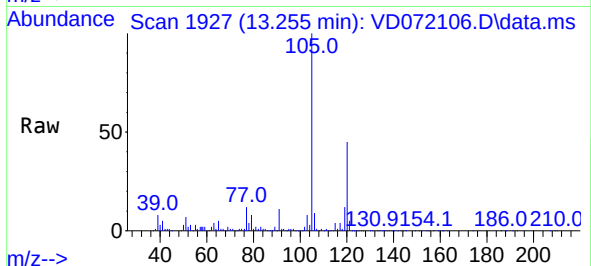




#84
1,2,4-Trimethylbenzene
Concen: 12.946 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

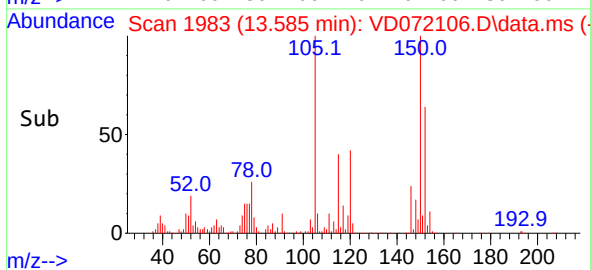
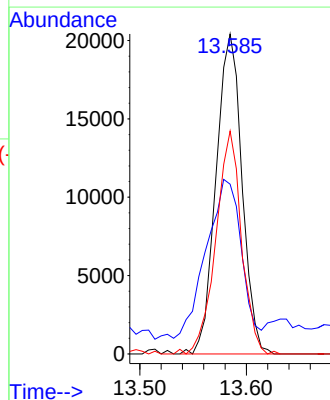
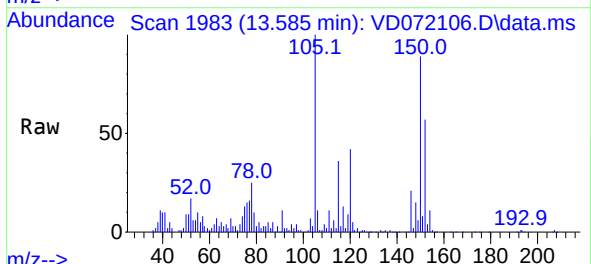
Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR

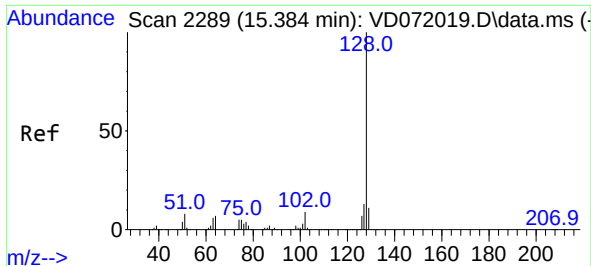
Tgt Ion:105 Resp: 390202
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.3



#88
1,4-Dichlorobenzene
Concen: 1.974 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

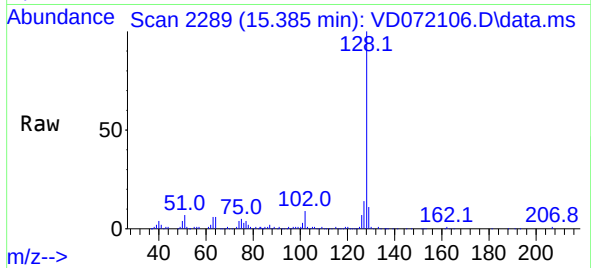
Tgt Ion:146 Resp: 34477
Ion Ratio Lower Upper
146 100
111 63.9 20.1 60.2#
148 68.7 32.5 97.5





#95
Naphthalene
Concen: 15.198 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072106.D
Acq: 25 Feb 2022 17:58

Instrument :
MSVOA_D
ClientSampleId :
PREM-REAR



Tgt Ion:128 Resp: 258320
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.6 8.7 13.1

