

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072840.D
 Acq On : 06 May 2022 07:01
 Operator : VA/SY
 Sample : N2676-03
 Misc : 7.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-10-(10-12)

Quant Time: May 06 09:57:08 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)

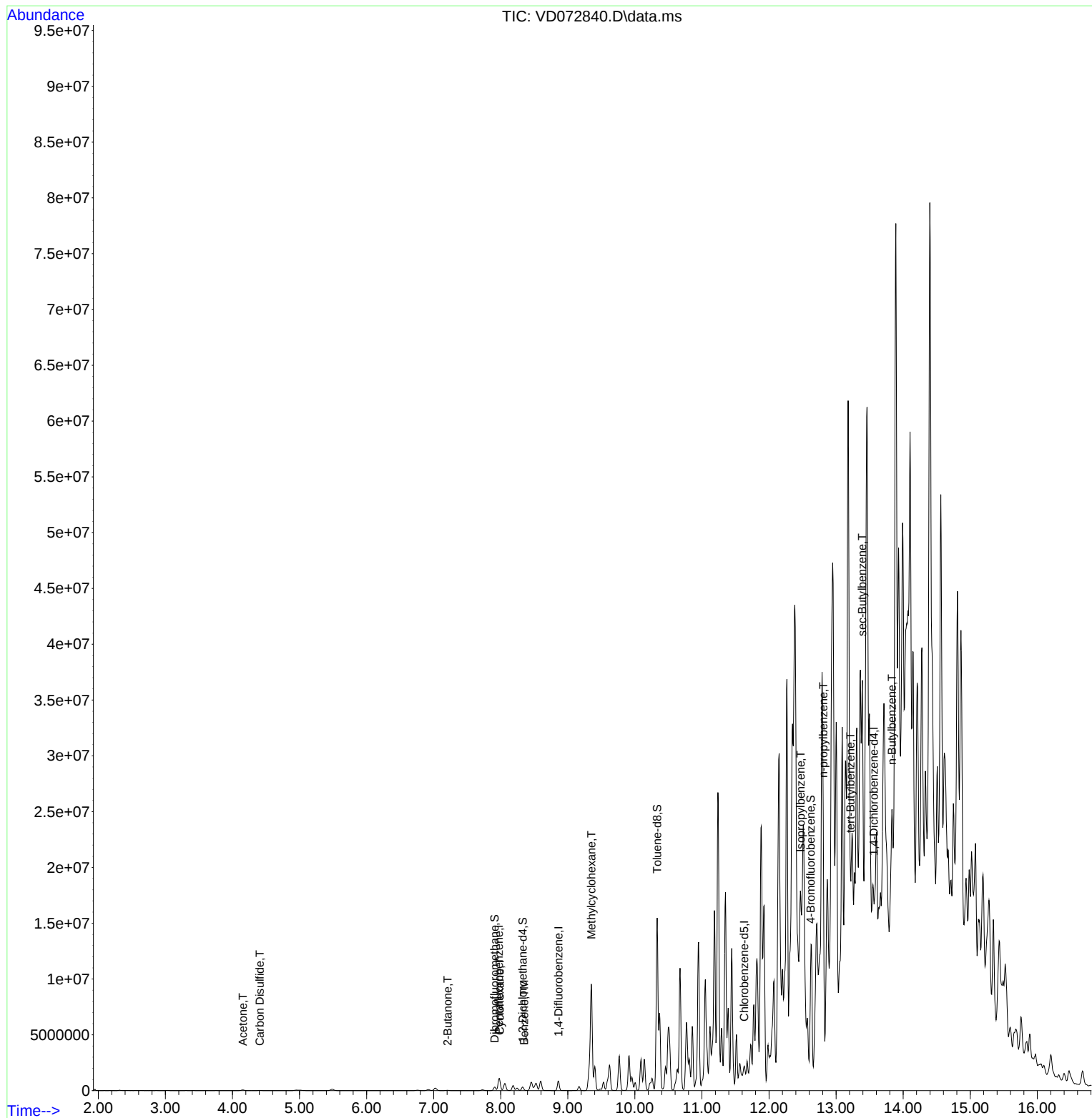
Internal Standards						
1) Pentafluorobenzene	7.973	168	424331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	734487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	685589	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	661030	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246176	44.693	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.380%		
35) Dibromofluoromethane	7.909	113	232589	45.090	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.180%		
50) Toluene-d8	10.332	98	1630465	88.116	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	176.240%#		
62) 4-Bromofluorobenzene	12.620	95	1031628	149.522	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	299.040%#		
Target Compounds					Qvalue	
16) Acetone	4.156	43	108087	96.267	ug/l	96
17) Carbon Disulfide	4.409	76	37994	2.362	ug/l	97
25) 2-Butanone	7.209	43	29851	18.600	ug/l	94
31) Cyclohexane	7.985	56	304694	31.644	ug/l	92
39) Methylcyclohexane	9.350	83	3772164	387.720	ug/l	96
40) Benzene	8.350	78	24983	1.031	ug/l	99
73) Isopropylbenzene	12.473	105	3775135	73.403	ug/l	100
78) n-propylbenzene	12.808	91	7730177	119.257	ug/l	99
83) tert-Butylbenzene	13.214	119	452181	12.196	ug/l	79
85) sec-Butylbenzene	13.391	105	8113701	145.098	ug/l	80
89) n-Butylbenzene	13.832	91	3497489	78.750	ug/l	94

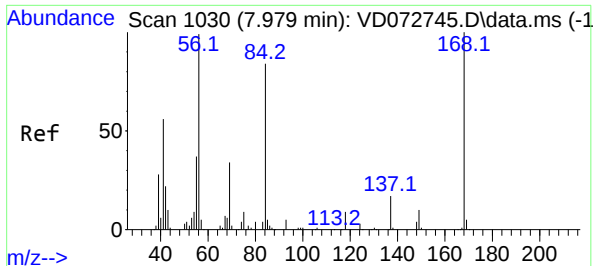
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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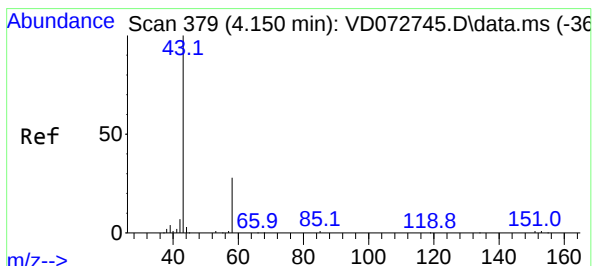
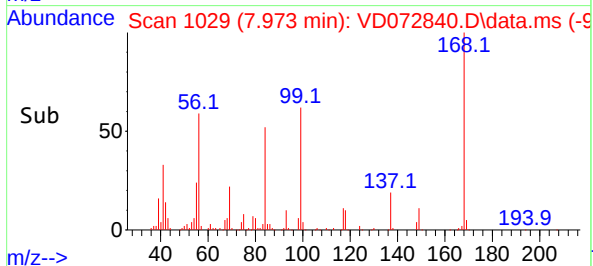
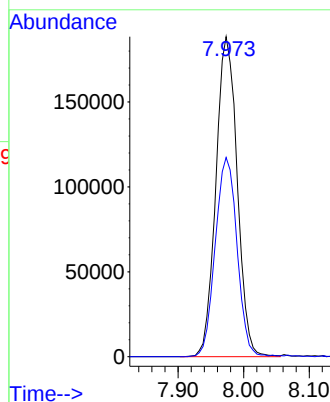
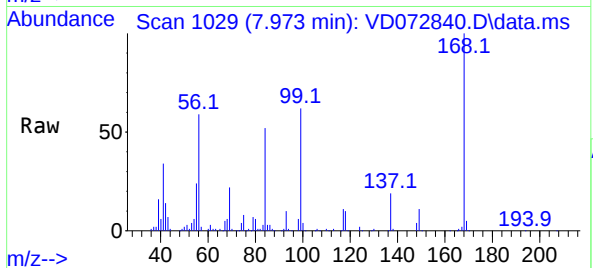




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

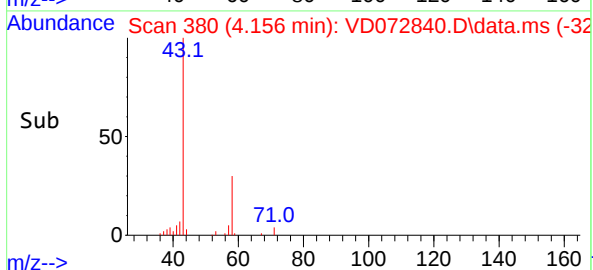
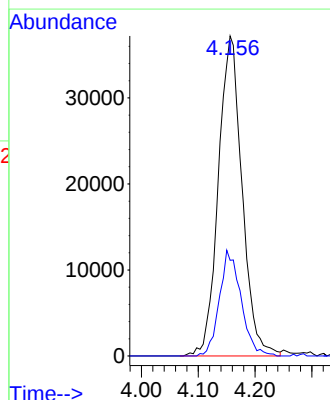
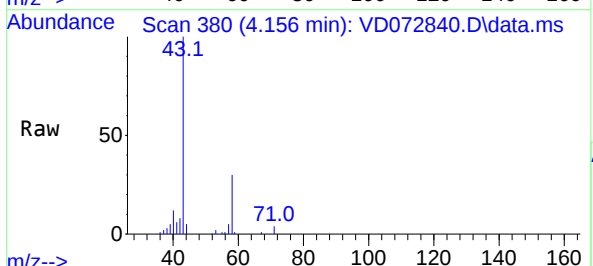
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(10-12)

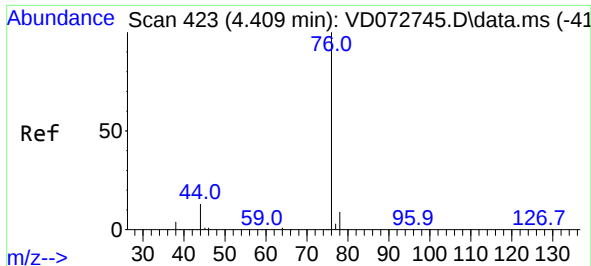
Tgt Ion:168 Resp: 424331
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#16
Acetone
Concen: 96.267 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

Tgt Ion: 43 Resp: 108087
Ion Ratio Lower Upper
43 100
58 29.9 22.1 33.1

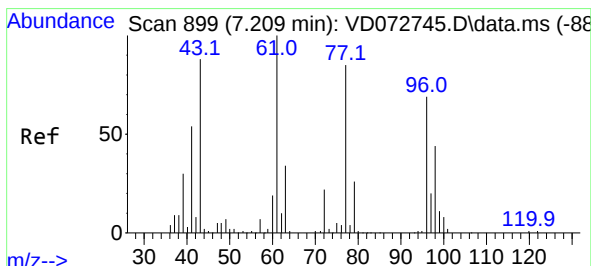
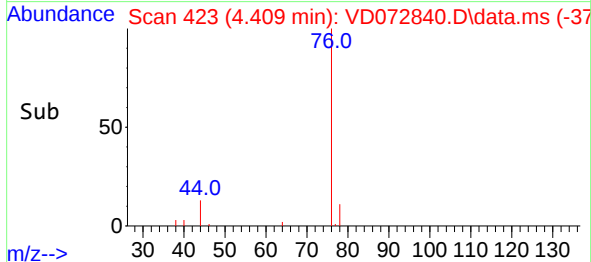
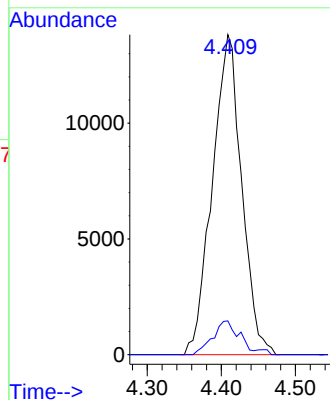
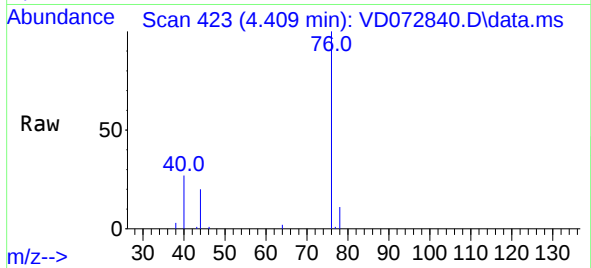




#17
Carbon Disulfide
Concen: 2.362 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

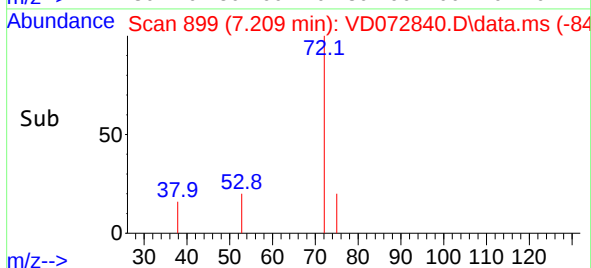
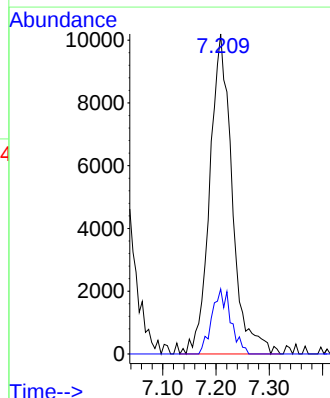
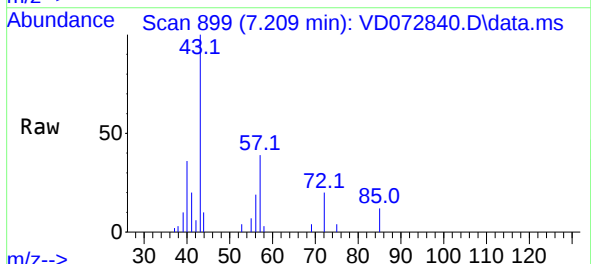
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(10-12)

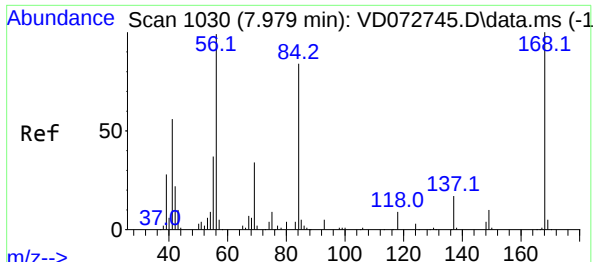
Tgt Ion: 76 Resp: 37994
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3



#25
2-Butanone
Concen: 18.600 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

Tgt Ion: 43 Resp: 29851
Ion Ratio Lower Upper
43 100
72 20.3 18.6 27.8

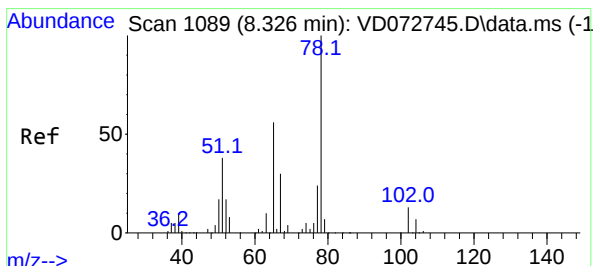
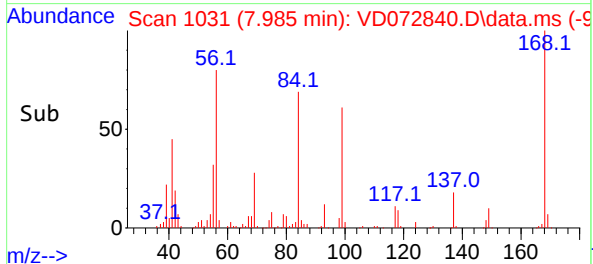
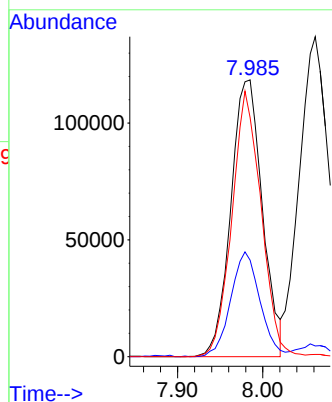
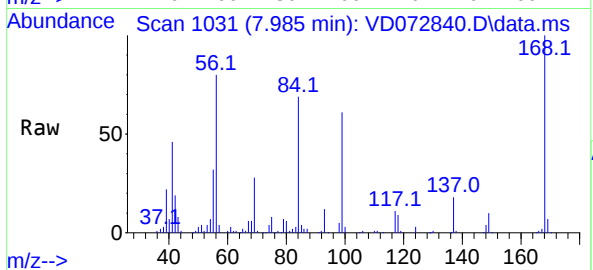




#31
Cyclohexane
Concen: 31.644 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

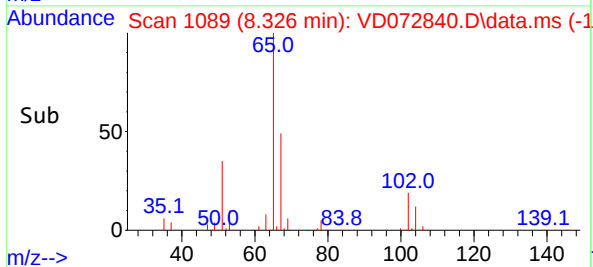
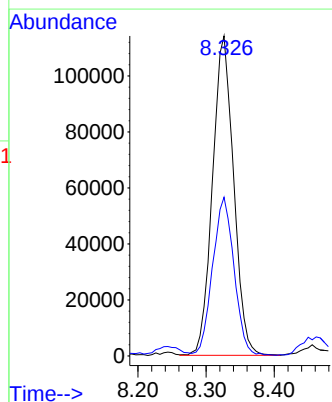
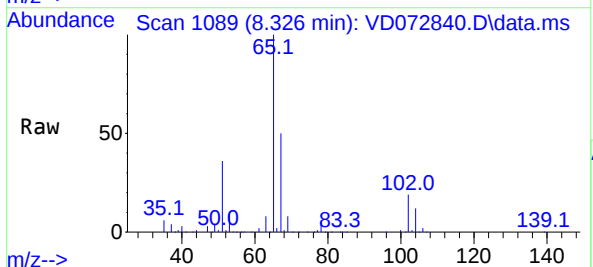
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(10-12)

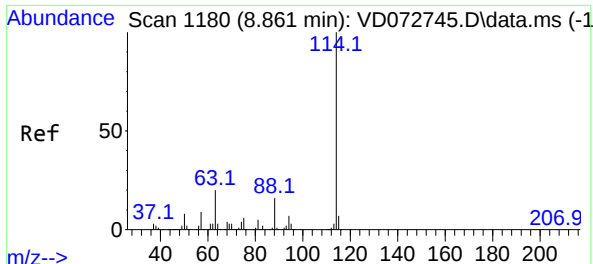
Tgt Ion: 56 Resp: 304694
Ion Ratio Lower Upper
56 100
69 34.9 25.4 38.2
84 86.4 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 44.693 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

Tgt Ion: 65 Resp: 246176
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.4



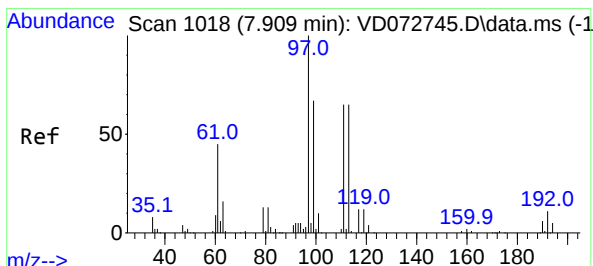
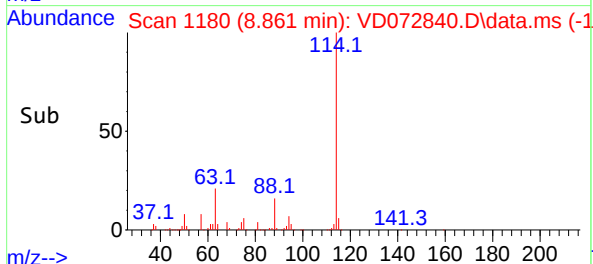
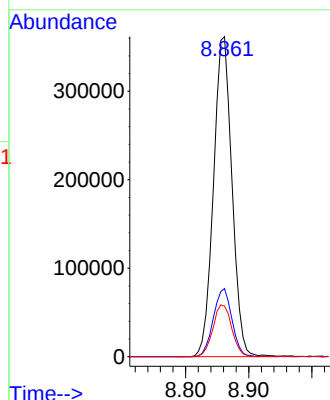
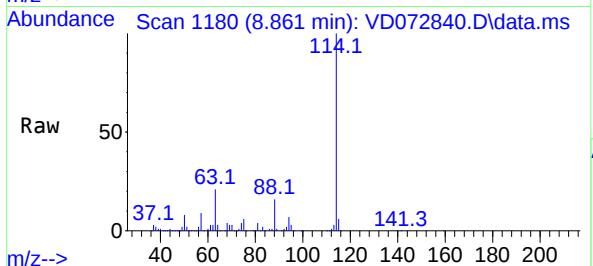


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

Instrument :
MSVOA_D
ClientSampleId :
GT-10-(10-12)

Tgt Ion:114 Resp: 734487

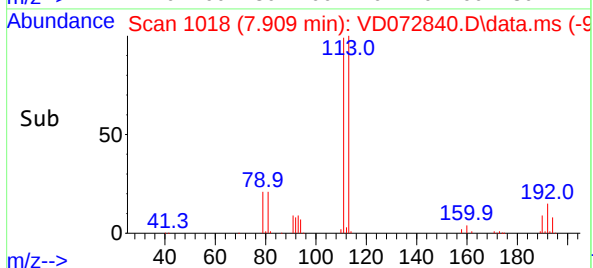
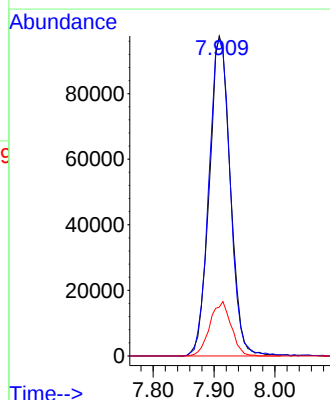
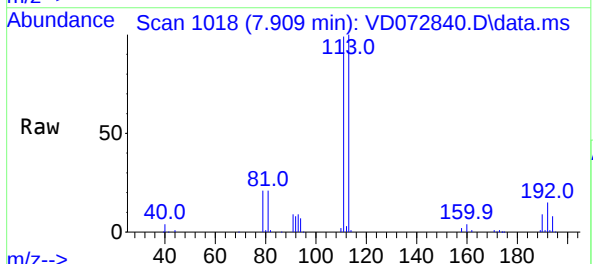
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	46.6
88	15.8	0.0	33.2

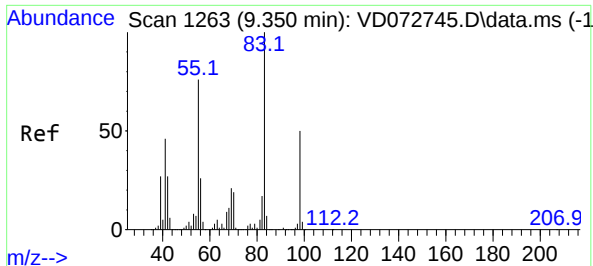


#35
Dibromofluoromethane
Concen: 45.090 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

Tgt Ion:113 Resp: 232589

Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.8	125.6
192	17.3	14.6	21.8





#39

Methylcyclohexane

Concen: 387.720 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072840.D

Acq: 06 May 2022 07:01

Instrument :

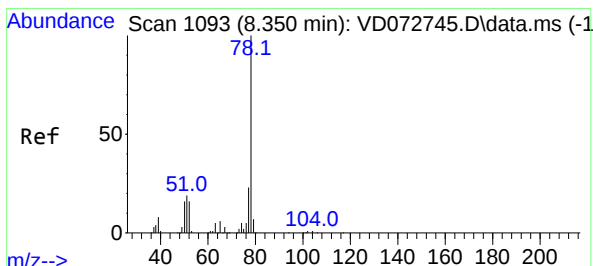
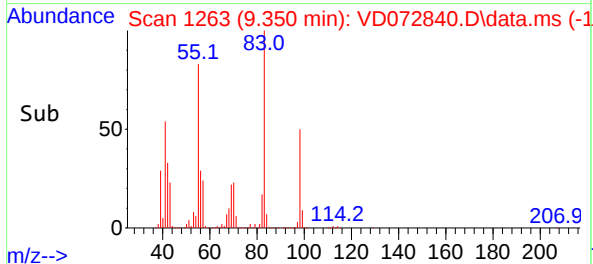
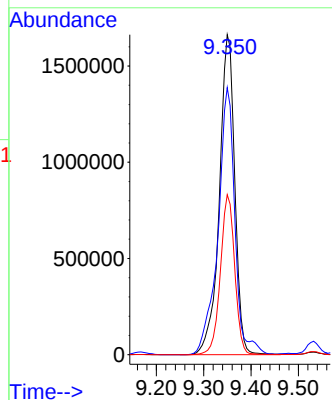
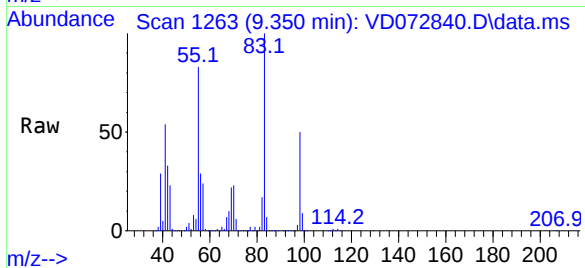
MSVOA_D

ClientSampleId :

GT-10-(10-12)

Tgt Ion: 83 Resp: 3772164

Ion	Ratio	Lower	Upper
83	100		
55	83.5	63.2	94.8
98	50.0	38.2	57.4



#40

Benzene

Concen: 1.031 ug/l

RT: 8.350 min Scan# 1093

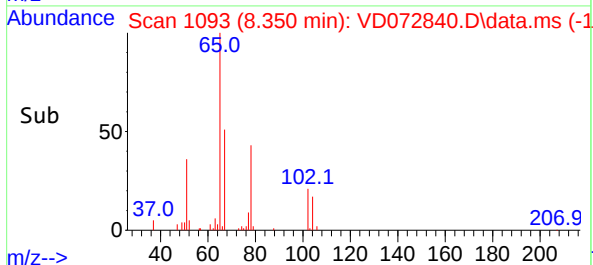
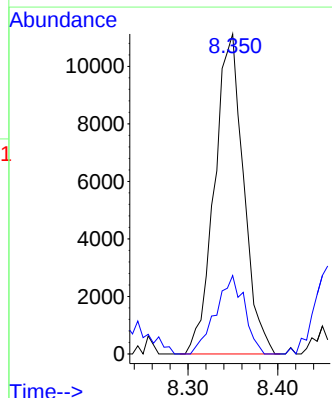
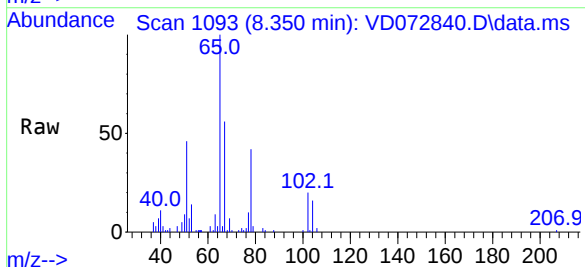
Delta R.T. -0.000 min

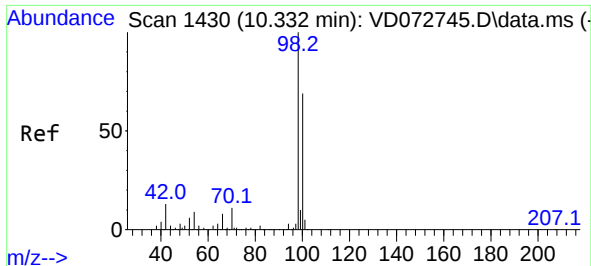
Lab File: VD072840.D

Acq: 06 May 2022 07:01

Tgt Ion: 78 Resp: 24983

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7

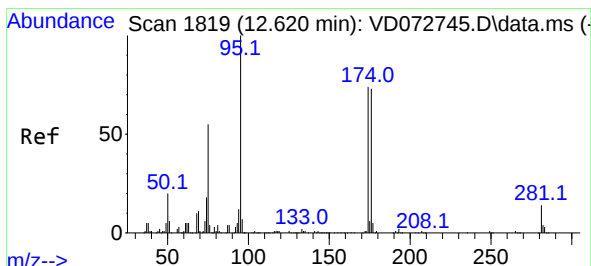
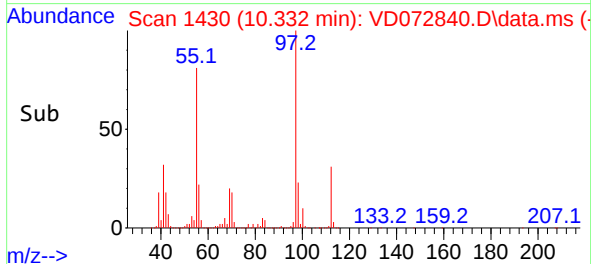
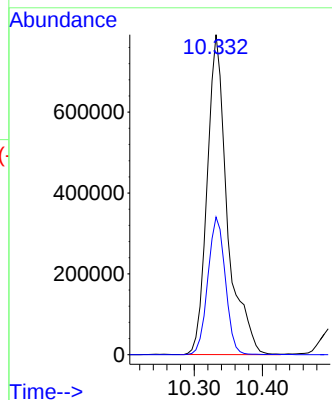
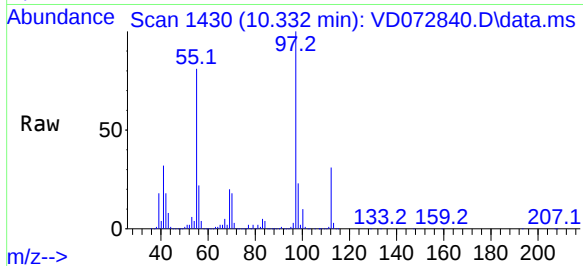




#50
Toluene-d8
Concen: 88.116 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

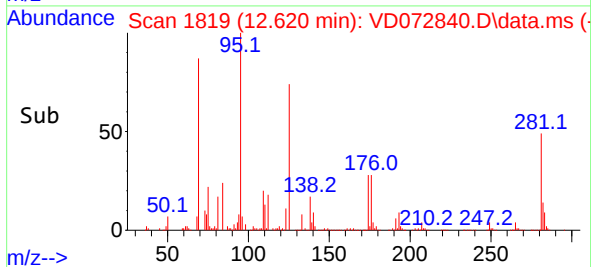
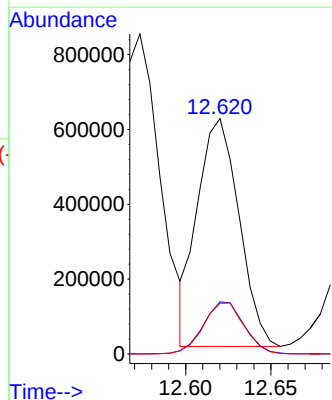
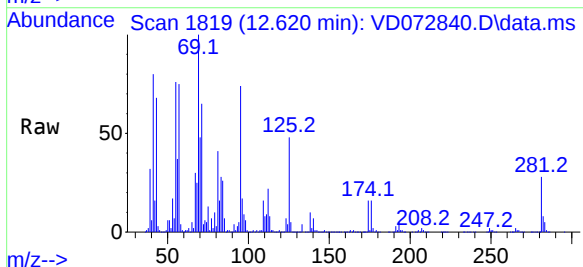
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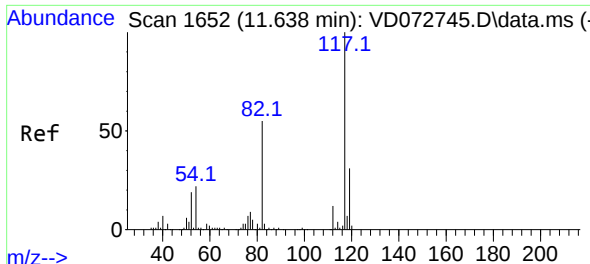
Tgt Ion: 98 Resp: 1630465
Ion Ratio Lower Upper
98 100
100 37.2 52.4 78.6#



#62
4-Bromofluorobenzene
Concen: 149.522 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

Tgt Ion: 95 Resp: 1031628
Ion Ratio Lower Upper
95 100
174 22.5 0.0 152.8
176 22.1 0.0 145.4

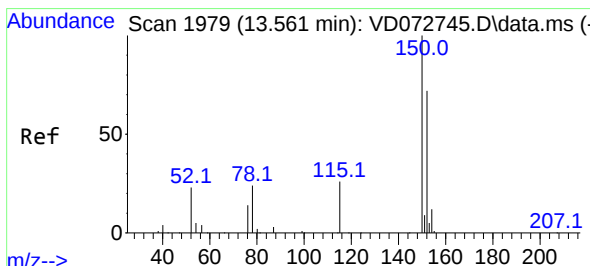
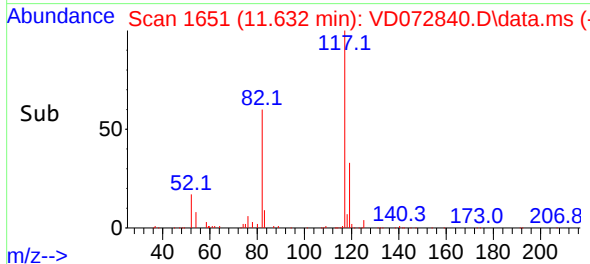
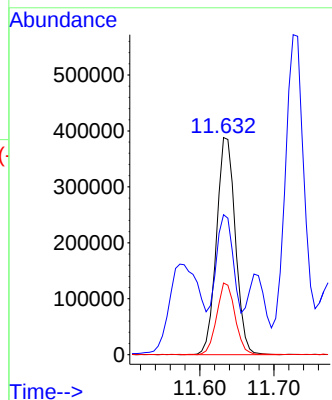
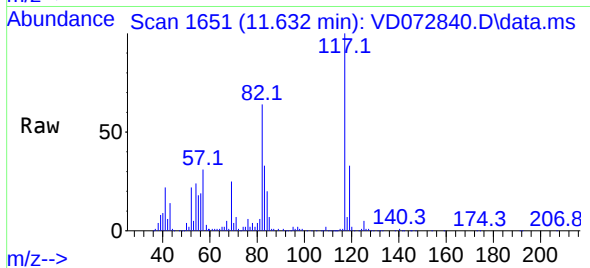




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

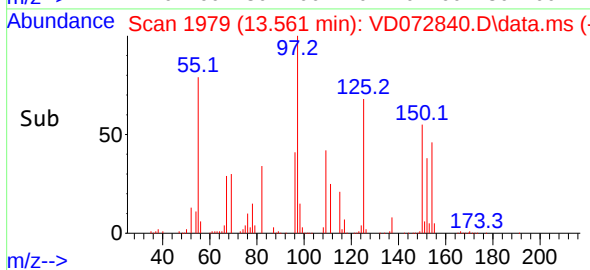
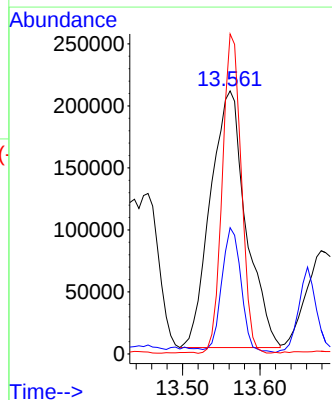
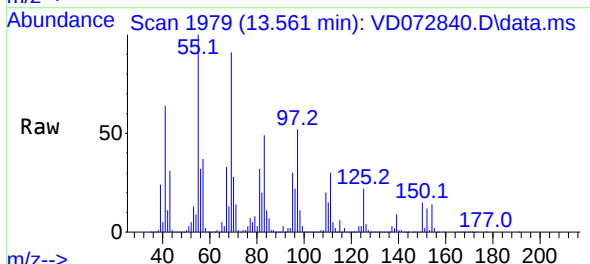
Instrument :
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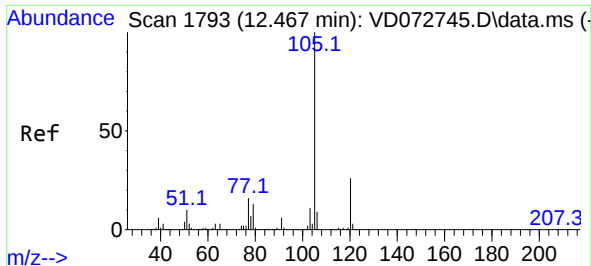
Tgt Ion:117 Resp: 685589
Ion Ratio Lower Upper
117 100
82 26.7 45.3 67.9#
119 32.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

Tgt Ion:152 Resp: 661030
Ion Ratio Lower Upper
152 100
115 26.7 31.3 93.8#
150 66.4 0.0 348.6

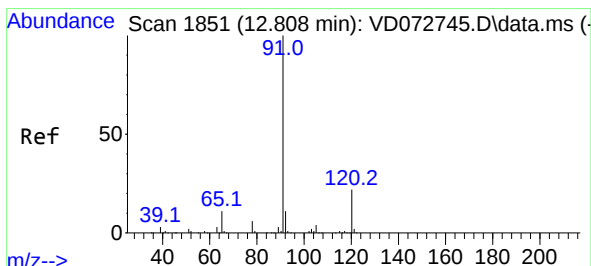
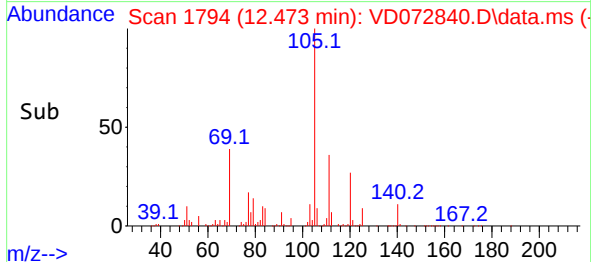
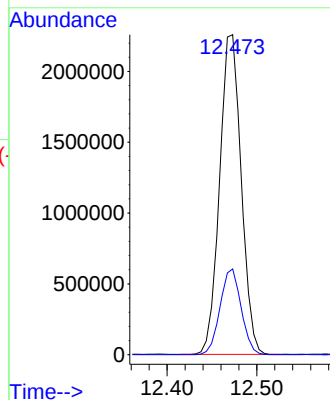
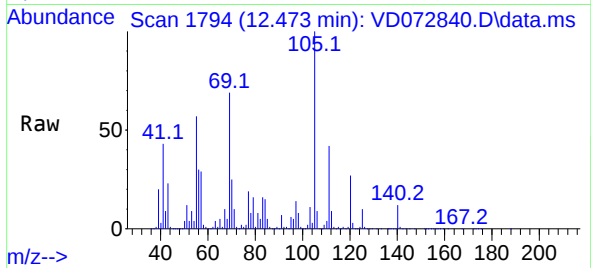




#73
Isopropylbenzene
Concen: 73.403 ug/l
RT: 12.473 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

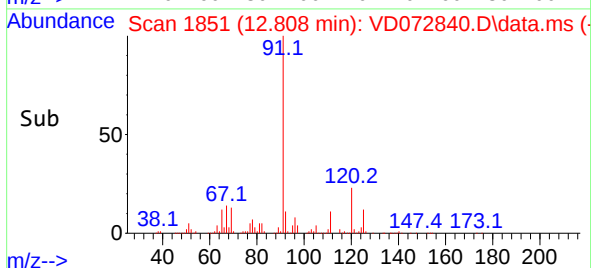
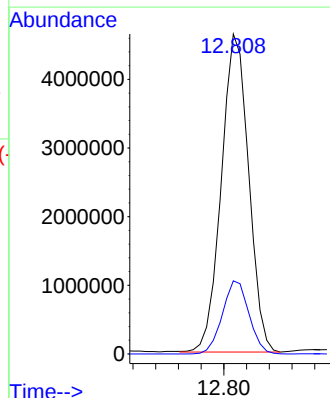
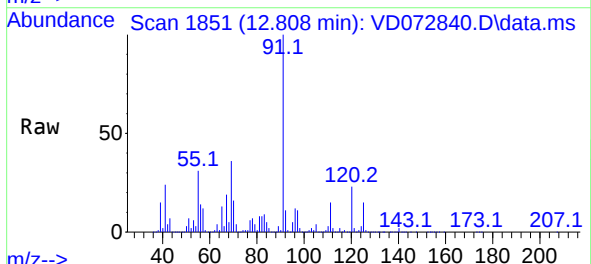
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(10-12)

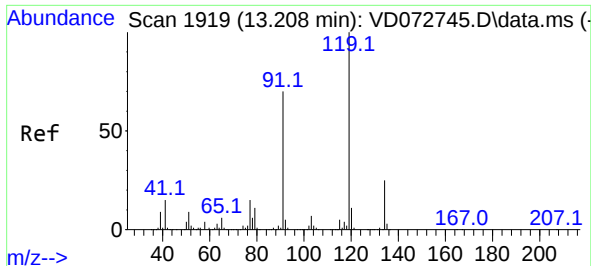
Tgt Ion:105 Resp: 3775135
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#78
n-propylbenzene
Concen: 119.257 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

Tgt Ion: 91 Resp: 7730177
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9

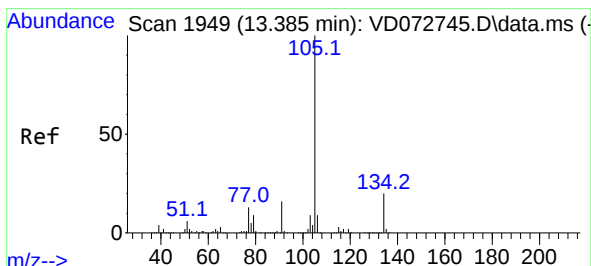
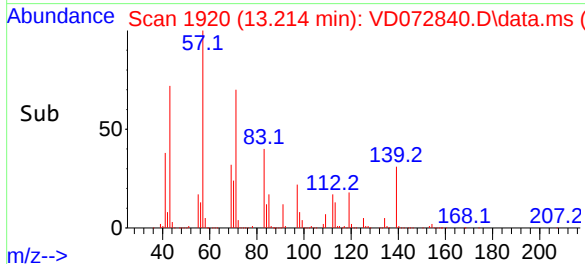
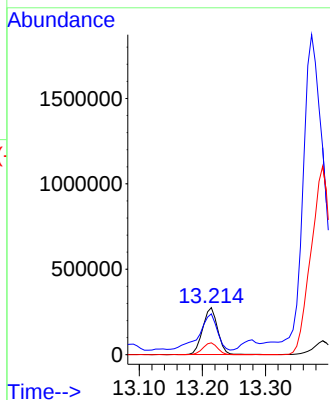
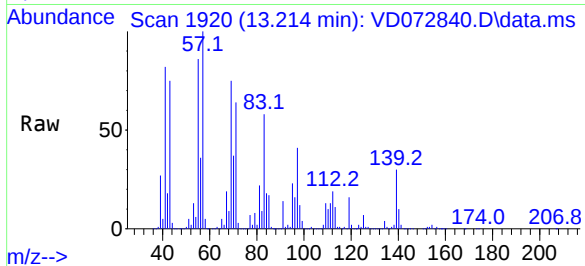




#83
tert-Butylbenzene
Concen: 12.196 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

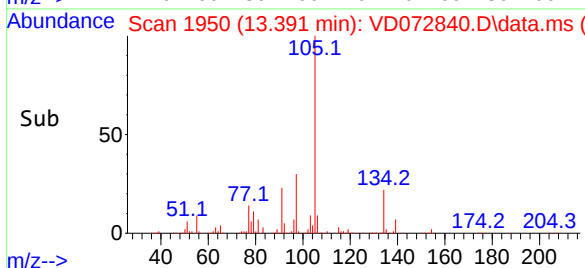
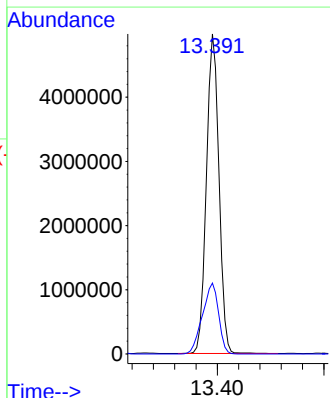
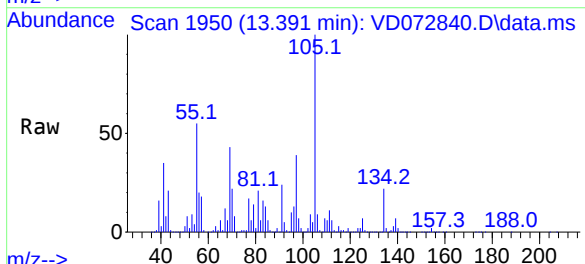
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(10-12)

Tgt Ion:119 Resp: 452181
Ion Ratio Lower Upper
119 100
91 92.7 34.8 104.5
134 24.8 13.3 39.9

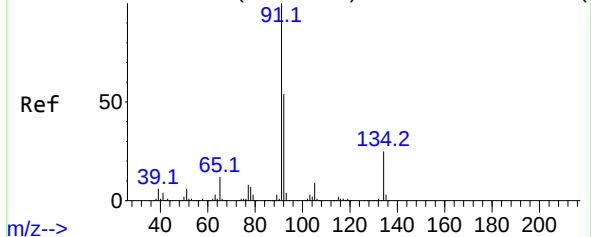


#85
sec-Butylbenzene
Concen: 145.098 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

Tgt Ion:105 Resp: 8113701
Ion Ratio Lower Upper
105 100
134 28.5 9.8 29.3

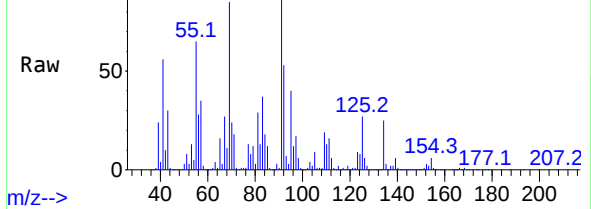


Abundance Scan 2024 (13.826 min): VD072745.D\data.ms (-



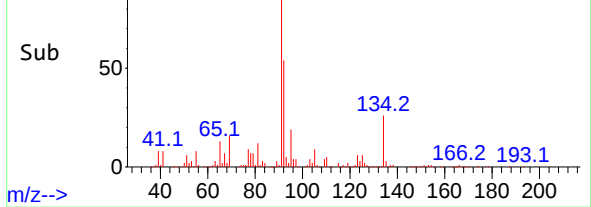
m/z-->

Abundance Scan 2025 (13.832 min): VD072840.D\data.ms (-



m/z-->

Abundance Scan 2025 (13.832 min): VD072840.D\data.ms (-



m/z-->

#89
n-Butylbenzene
Concen: 78.750 ug/l
RT: 13.832 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD072840.D
Acq: 06 May 2022 07:01

Instrument :
MSVOA_D
ClientSampleId :
GT-10-(10-12)

Tgt Ion: 91 Resp: 3497489
Ion Ratio Lower Upper
91 100
92 54.8 26.6 79.8
134 31.8 12.3 36.9

