

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072841.D
 Acq On : 06 May 2022 07:30
 Operator : VA/SY
 Sample : N2676-04
 Misc : 6.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-10-(23-25)

Quant Time: May 06 09:57:27 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)

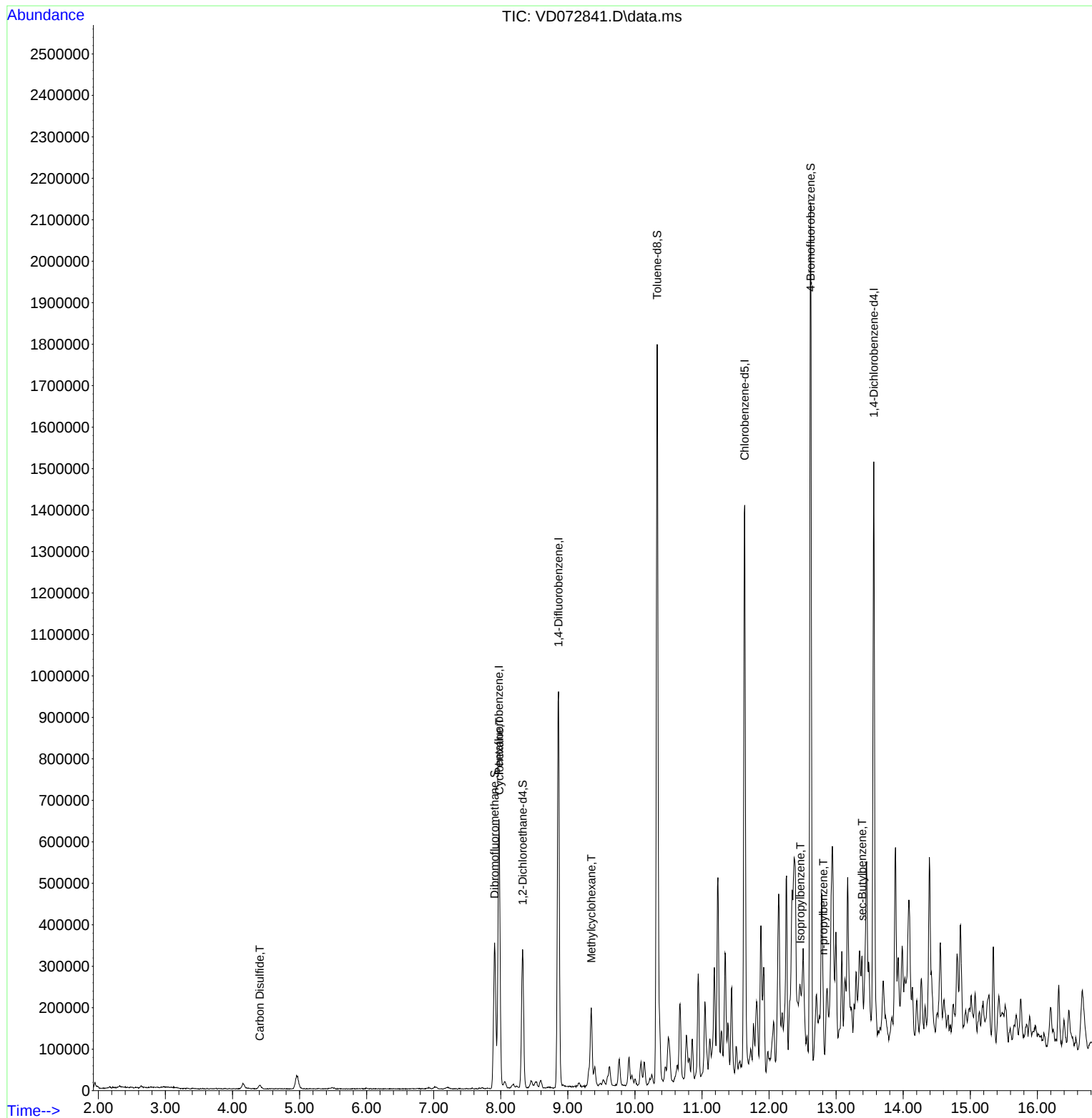
Internal Standards						
1) Pentafluorobenzene	7.973	168	439044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	784116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	769103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	352023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	266762	46.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.620%
35) Dibromofluoromethane	7.908	113	250962	45.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.140%
50) Toluene-d8	10.332	98	1000202	50.633	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.620	95	387231	52.572	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.140%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.409	76	18340	1.102	ug/l #	90
31) Cyclohexane	7.979	56	17206	1.727	ug/l #	22
39) Methylcyclohexane	9.349	83	65930	6.348	ug/l	91
73) Isopropylbenzene	12.467	105	36294	1.325	ug/l	100
78) n-propylbenzene	12.808	91	64352	1.864	ug/l	99
85) sec-Butylbenzene	13.390	105	52708	1.770	ug/l	80

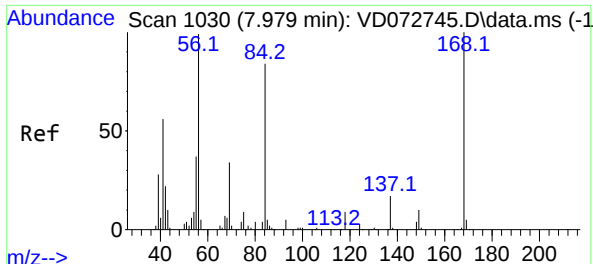
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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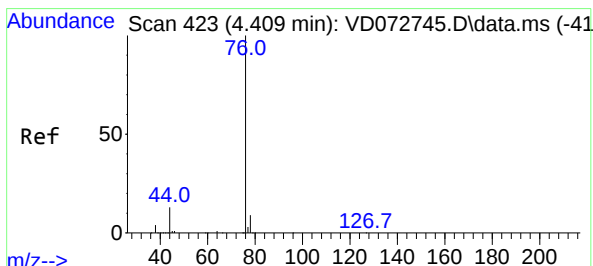
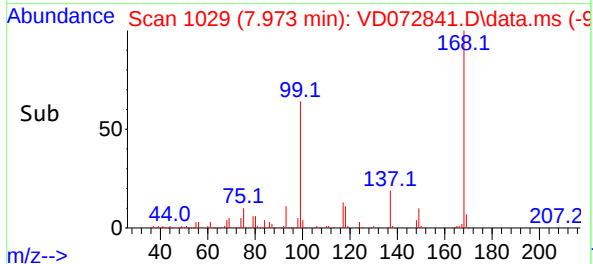
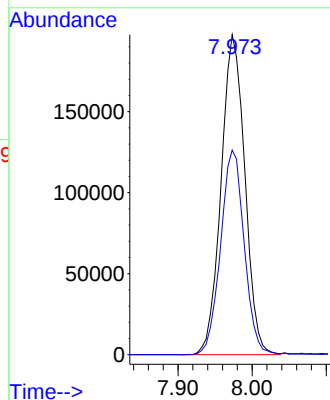
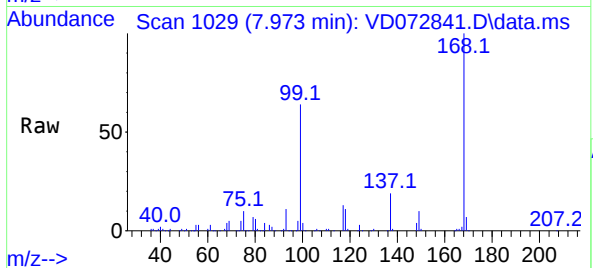




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

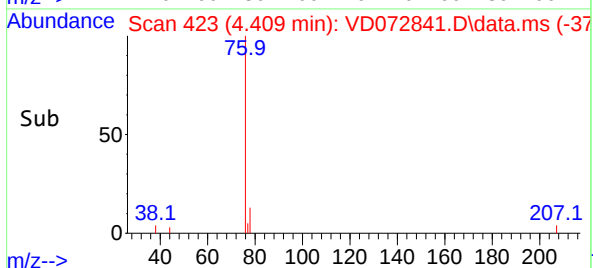
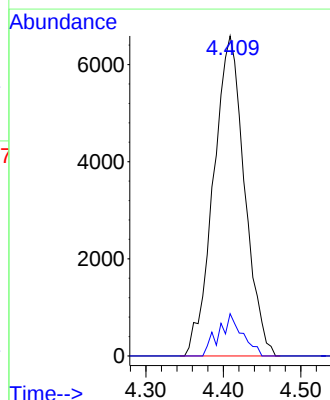
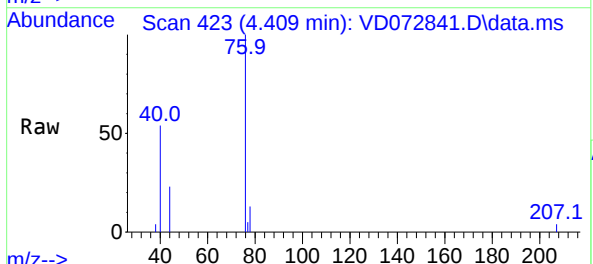
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

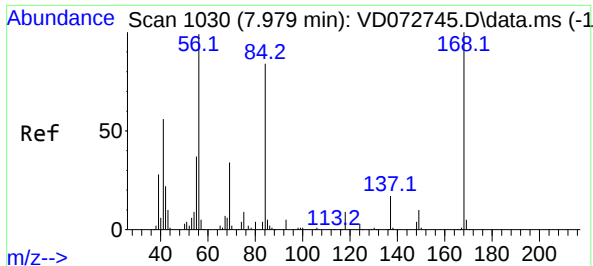
Tgt Ion:168 Resp: 439044
Ion Ratio Lower Upper
168 100
99 64.0 49.8 74.6



#17
Carbon Disulfide
Concen: 1.102 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 76 Resp: 18340
Ion Ratio Lower Upper
76 100
78 13.2 7.5 11.3#





#31

Cyclohexane

Concen: 1.727 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072841.D

Acq: 06 May 2022 07:30

Instrument :

MSVOA_D

ClientSampleId :

GT-10-(23-25)

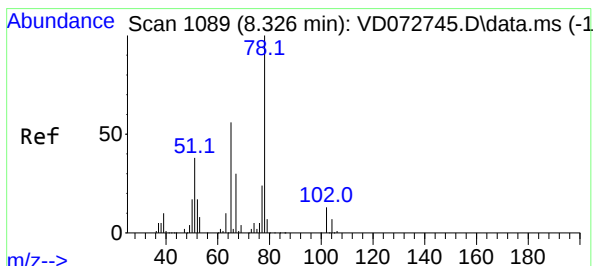
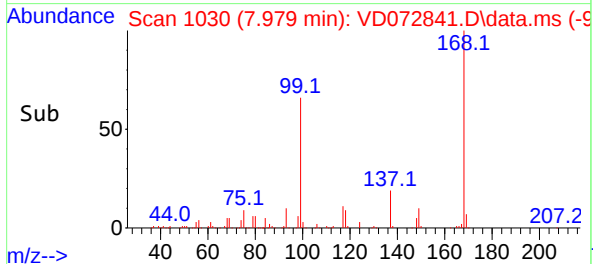
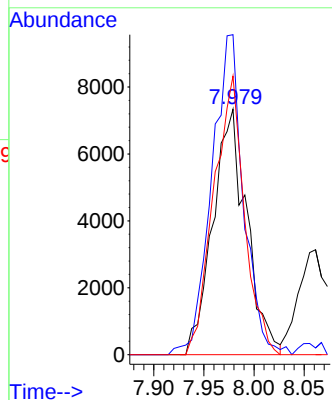
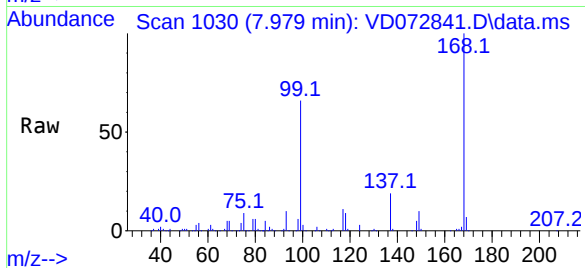
Tgt Ion: 56 Resp: 17206

Ion Ratio Lower Upper

56 100

69 128.3 25.4 38.2#

84 113.5 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 46.807 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072841.D

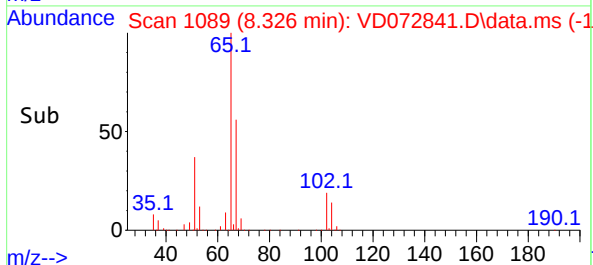
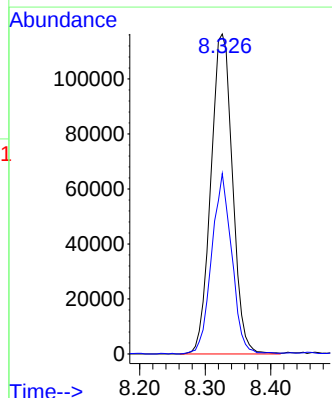
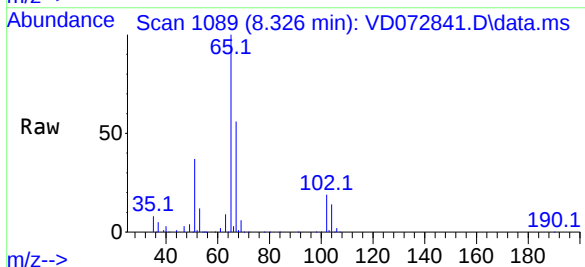
Acq: 06 May 2022 07:30

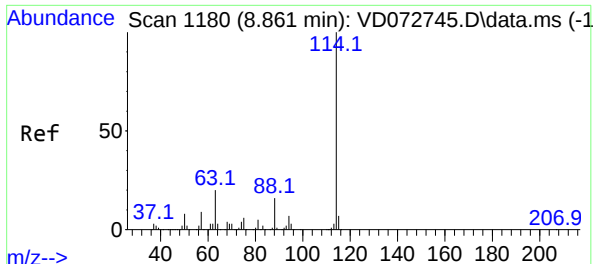
Tgt Ion: 65 Resp: 266762

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4



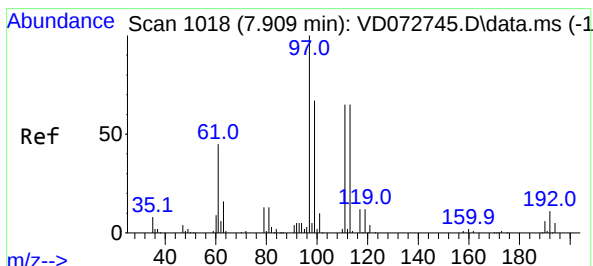
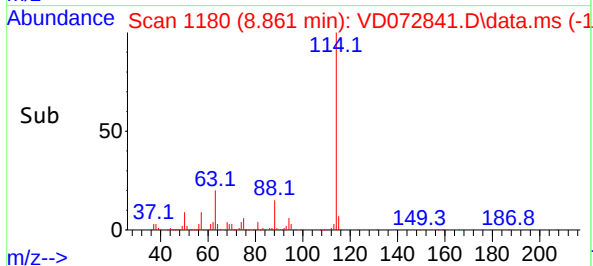
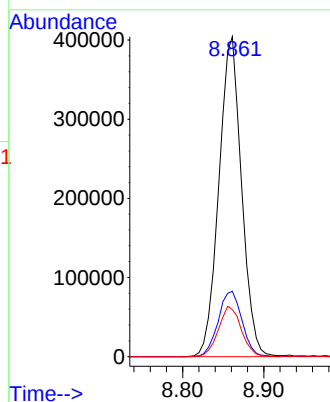
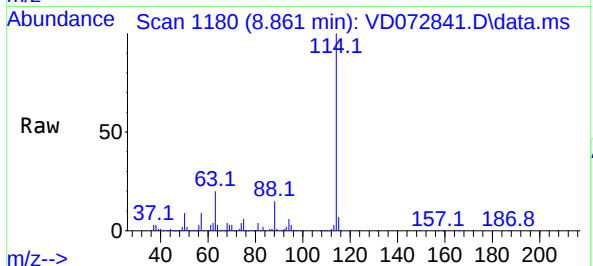


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

Tgt Ion:114 Resp: 784116

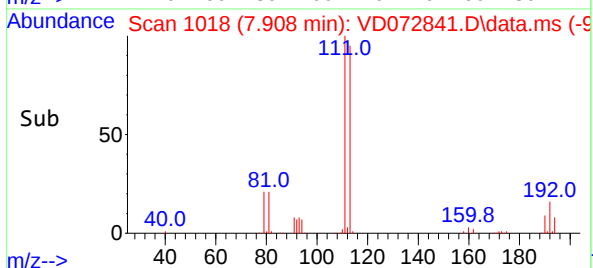
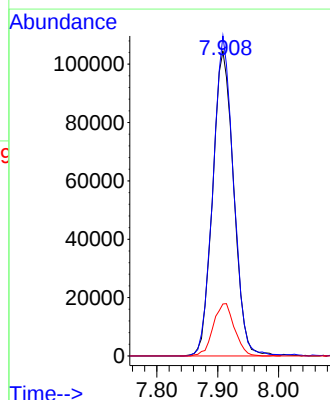
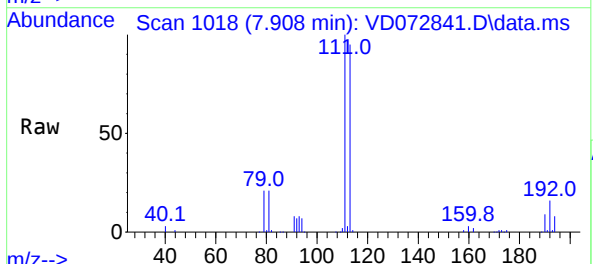
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	46.6
88	14.7	0.0	33.2

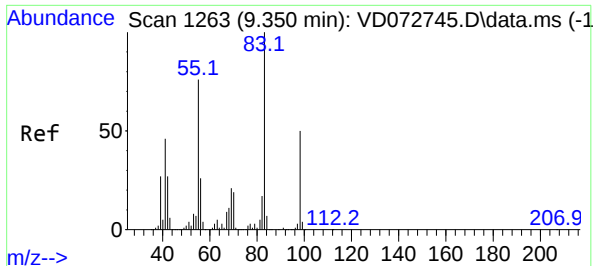


#35
Dibromofluoromethane
Concen: 45.572 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion:113 Resp: 250962

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.6
192	17.3	14.6	21.8





#39

Methylcyclohexane

Concen: 6.348 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD072841.D

Acq: 06 May 2022 07:30

Instrument :

MSVOA_D

ClientSampleId :

GT-10-(23-25)

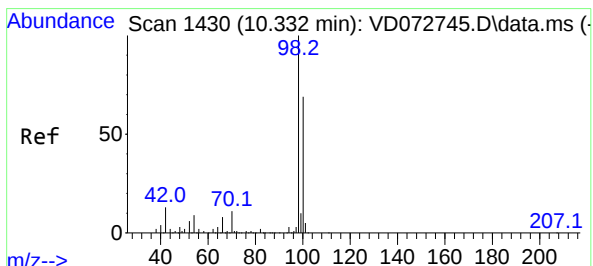
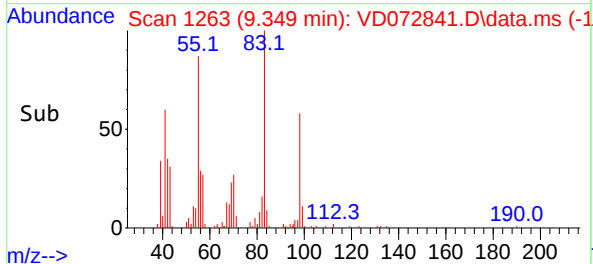
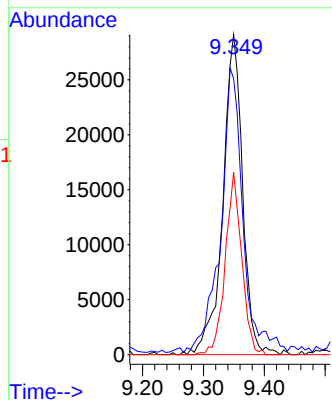
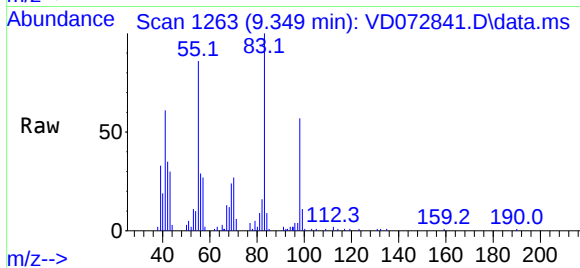
Tgt Ion: 83 Resp: 65930

Ion Ratio Lower Upper

83 100

55 84.1 63.2 94.8

98 57.0 38.2 57.4



#50

Toluene-d8

Concen: 50.633 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072841.D

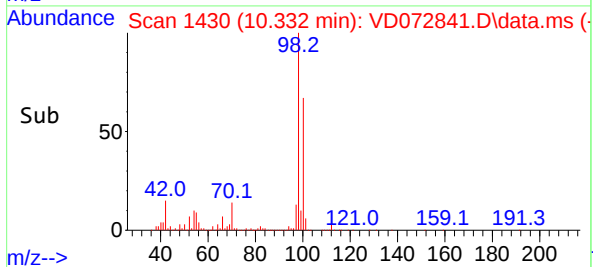
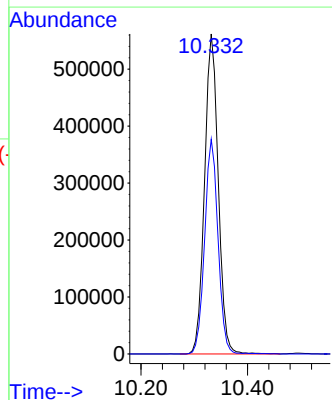
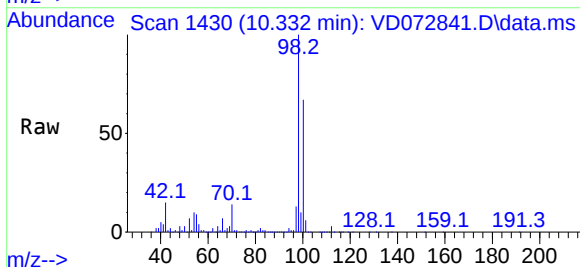
Acq: 06 May 2022 07:30

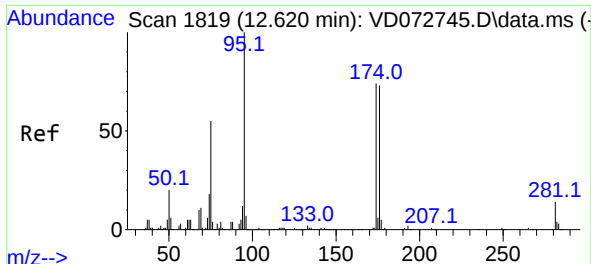
Tgt Ion: 98 Resp: 1000202

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6

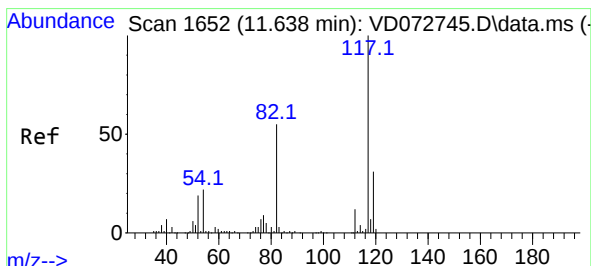
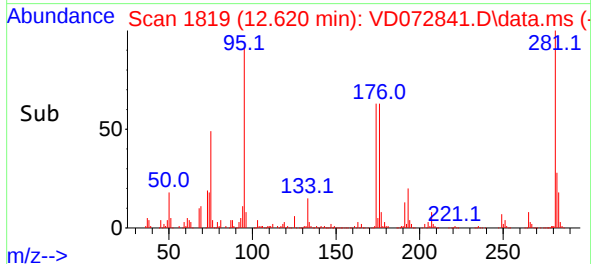
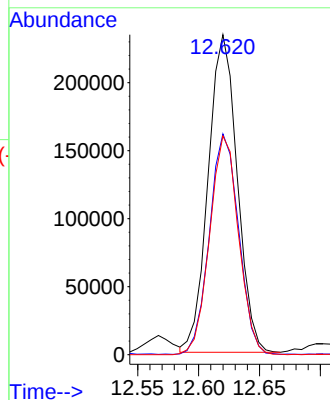
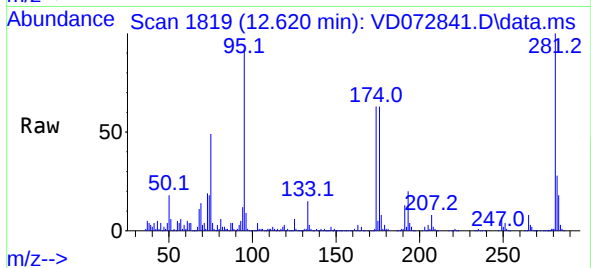




#62
4-Bromofluorobenzene
Concen: 52.572 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

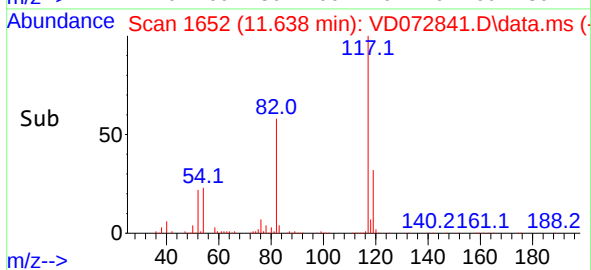
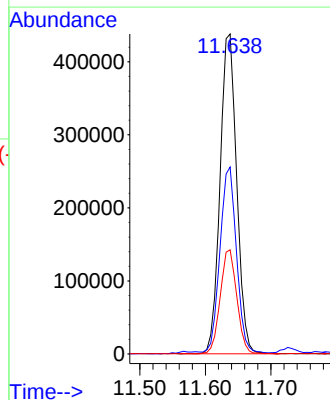
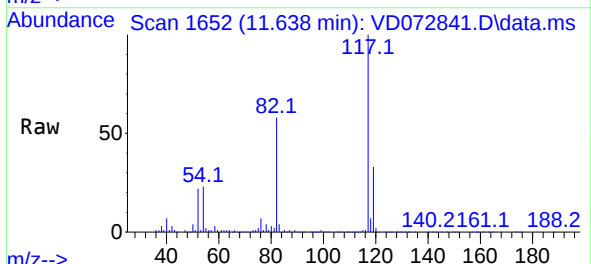
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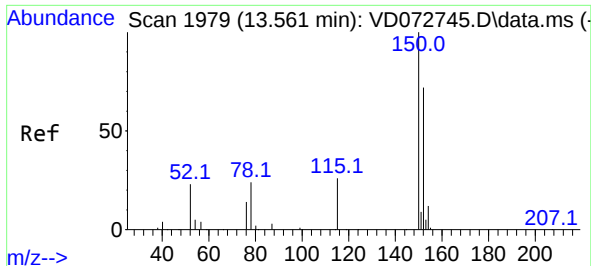
Tgt Ion: 95 Resp: 387231
Ion Ratio Lower Upper
95 100
174 69.9 0.0 152.8
176 68.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 117 Resp: 769103
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 32.5 26.6 40.0

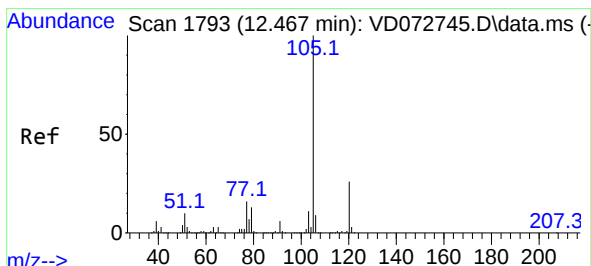
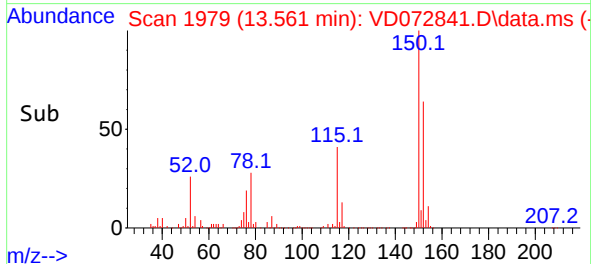
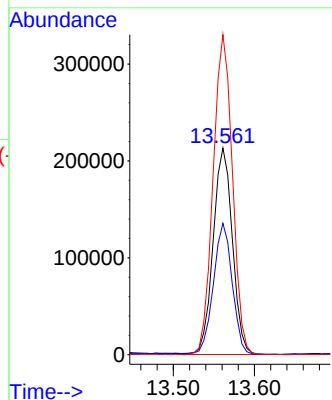
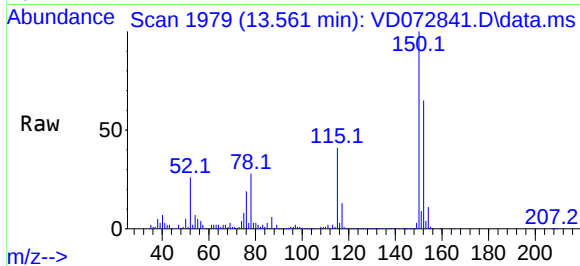




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

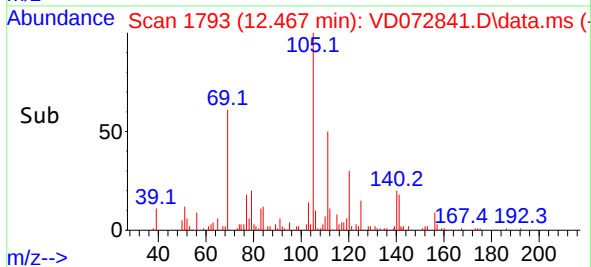
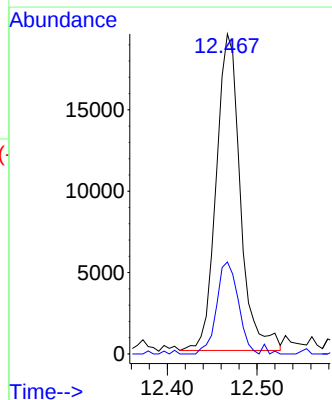
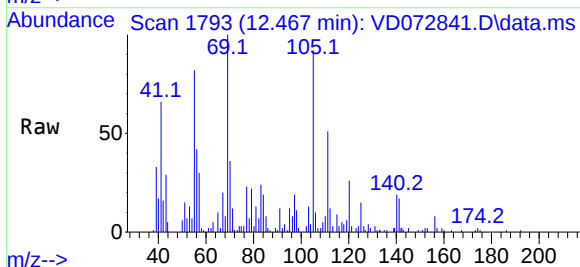
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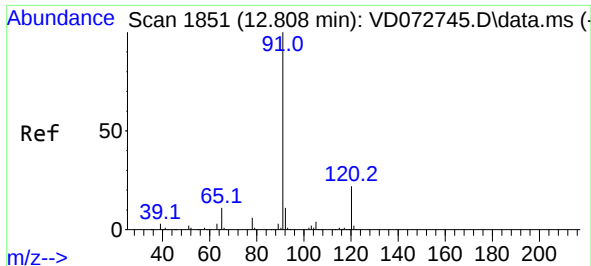
Tgt Ion:152 Resp: 352023
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 155.3 0.0 348.6



#73
Isopropylbenzene
Concen: 1.325 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion:105 Resp: 36294
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

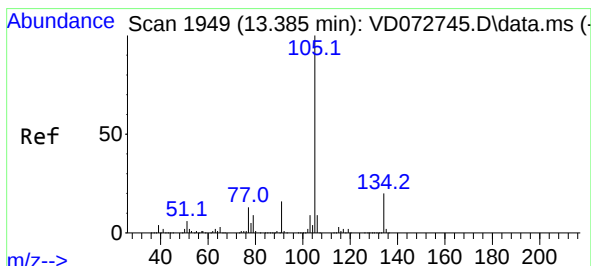
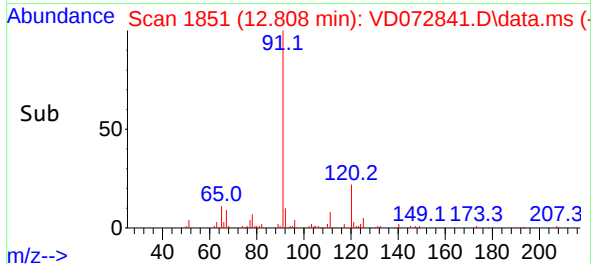
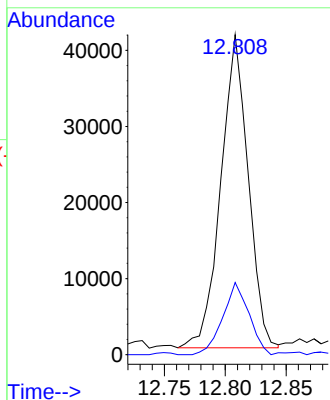
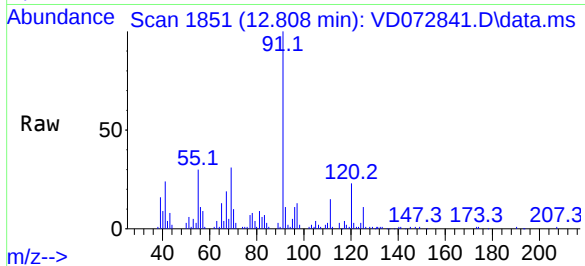




#78
n-propylbenzene
Concen: 1.864 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

Tgt Ion: 91 Resp: 64352
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9



#85
sec-Butylbenzene
Concen: 1.770 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. 0.005 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 105 Resp: 52708
Ion Ratio Lower Upper
105 100
134 28.8 9.8 29.3

