

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072303.D
 Acq On : 18 Mar 2022 21:31
 Operator : VA/SY
 Sample : N1962-09
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-22-23-25

Quant Time: Mar 19 05:29:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

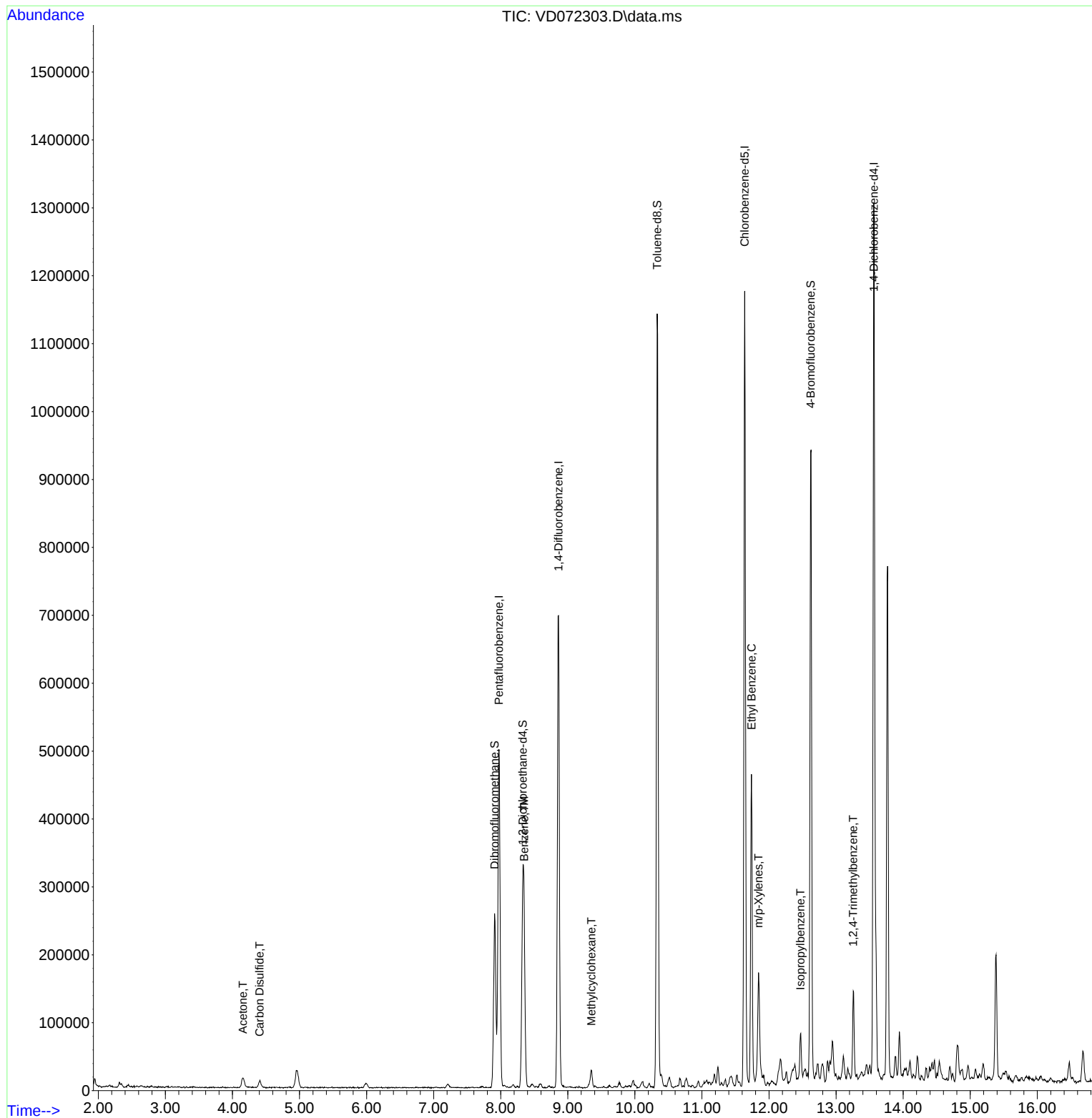
Internal Standards						
1) Pentafluorobenzene	7.973	168	355075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	597538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	647539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	332774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	169185	42.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.500%
35) Dibromofluoromethane	7.909	113	180585	42.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.900%
50) Toluene-d8	10.332	98	750145	48.789	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.580%
62) 4-Bromofluorobenzene	12.620	95	326736	54.692	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.380%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	27501	32.009	ug/l	96
17) Carbon Disulfide	4.403	76	19930	4.040	ug/l	99
39) Methylcyclohexane	9.350	83	8841	1.332	ug/l	97
40) Benzene	8.350	78	217473	12.923	ug/l	97
67) Ethyl Benzene	11.738	91	323976	12.636	ug/l	100
68) m/p-Xylenes	11.844	106	49858	5.121	ug/l	98
73) Isopropylbenzene	12.467	105	44733	1.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	72300	3.239	ug/l	98

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

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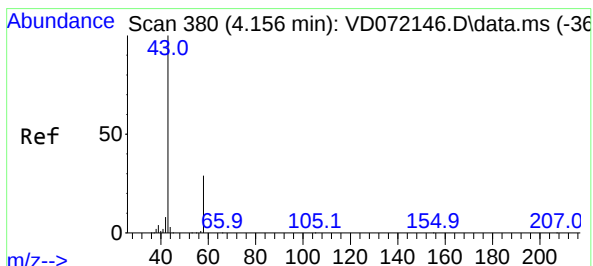
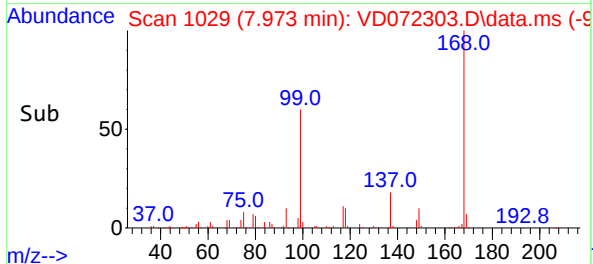
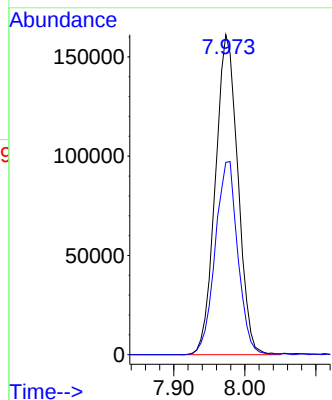
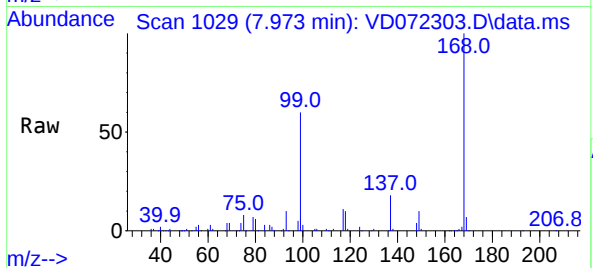




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

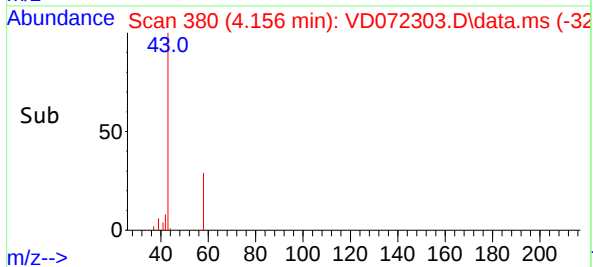
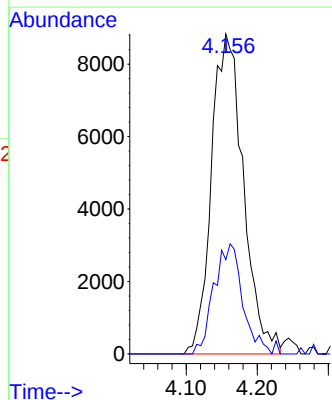
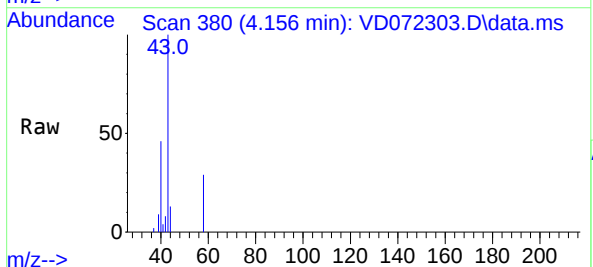
Instrument :
MSVOA_D
ClientSampleId :
C-22-23-25

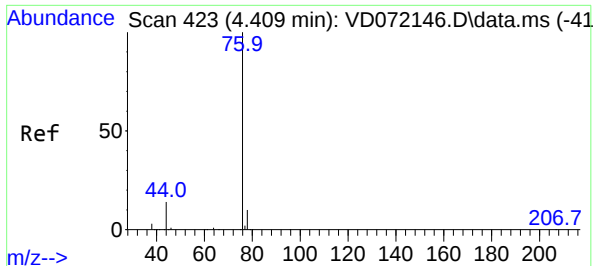
Tgt Ion:168 Resp: 355075
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#16
Acetone
Concen: 32.009 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

Tgt Ion: 43 Resp: 27501
Ion Ratio Lower Upper
43 100
58 29.5 22.1 33.1

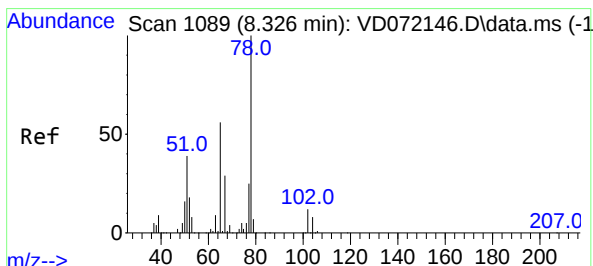
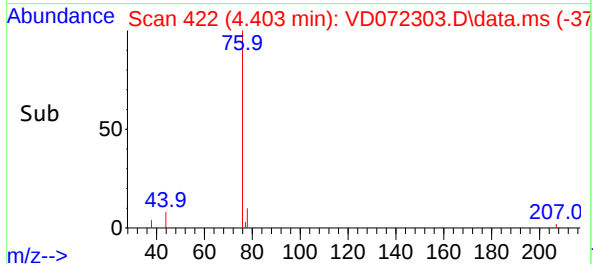
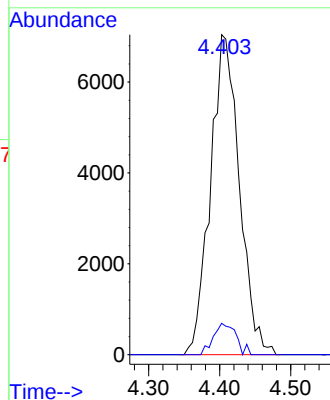
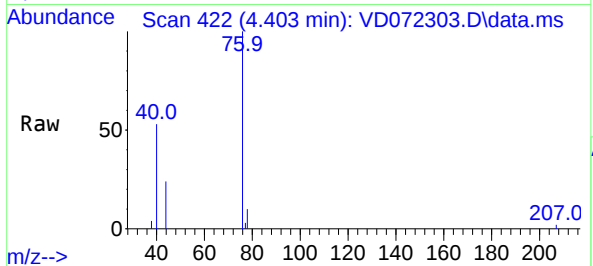




#17
Carbon Disulfide
Concen: 4.040 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

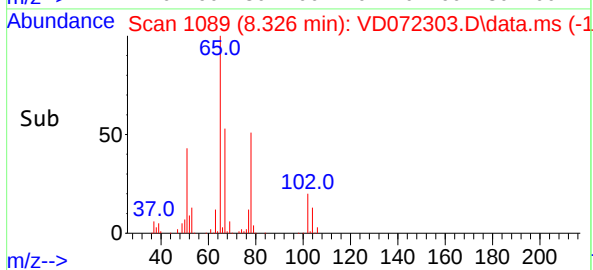
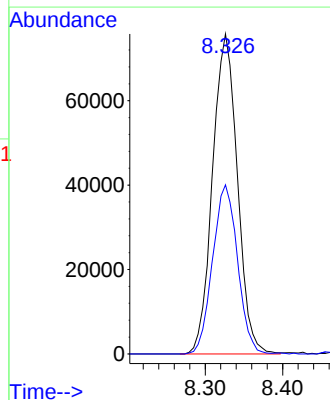
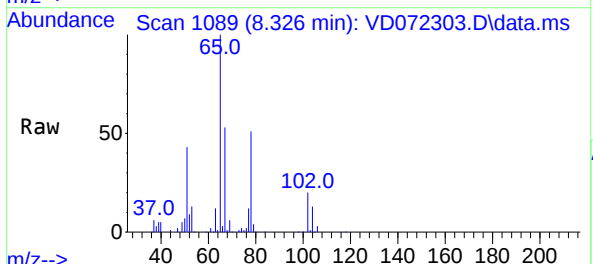
Instrument :
MSVOA_D
ClientSampleId :
C-22-23-25

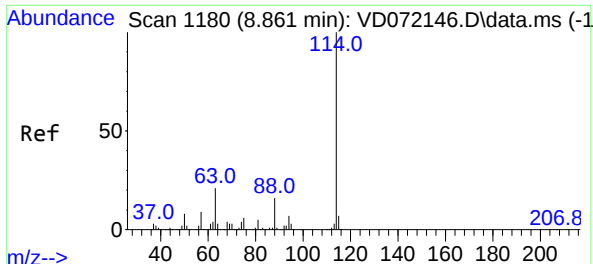
Tgt Ion: 76 Resp: 19930
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 42.755 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

Tgt Ion: 65 Resp: 169185
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4



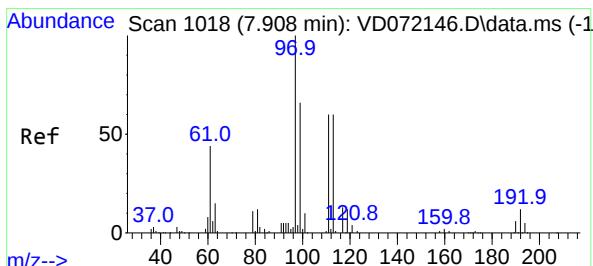
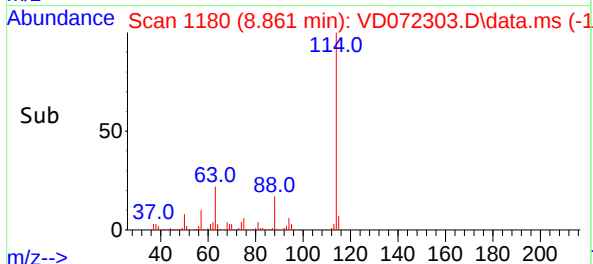
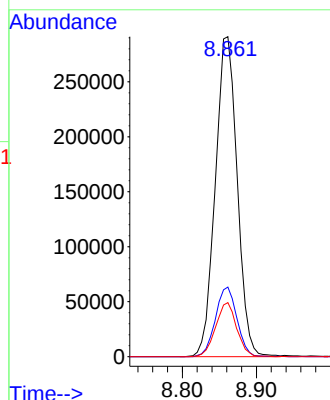
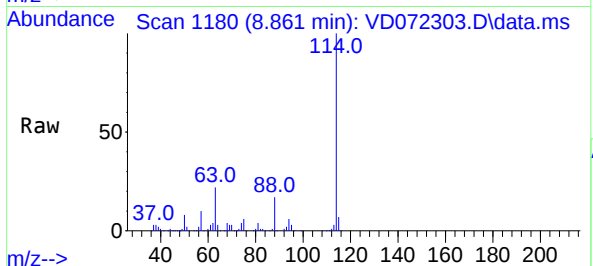


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

Instrument :
MSVOA_D
ClientSampleId :
C-22-23-25

Tgt Ion:114 Resp: 597538

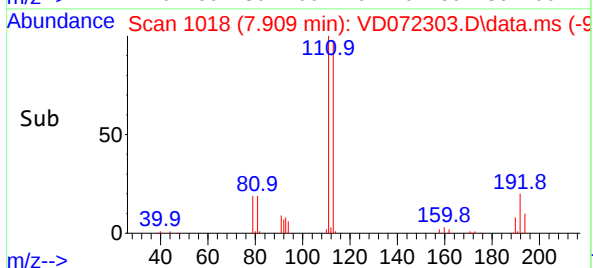
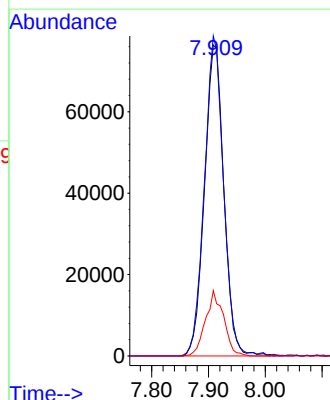
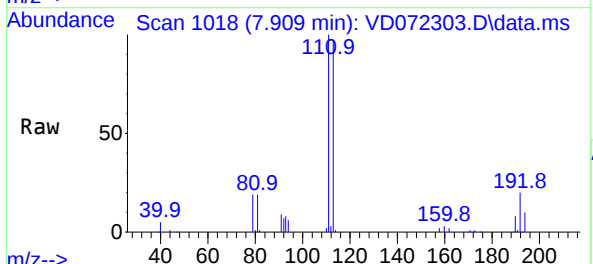
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	46.6
88	16.9	0.0	33.2

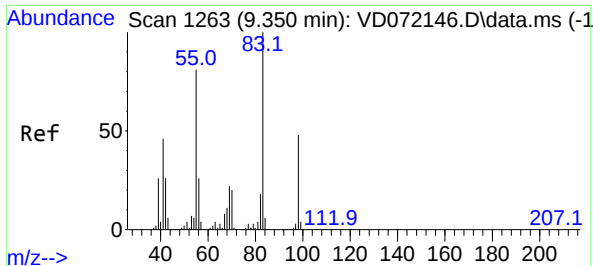


#35
Dibromofluoromethane
Concen: 42.946 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

Tgt Ion:113 Resp: 180585

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.8	125.6
192	19.6	14.6	21.8

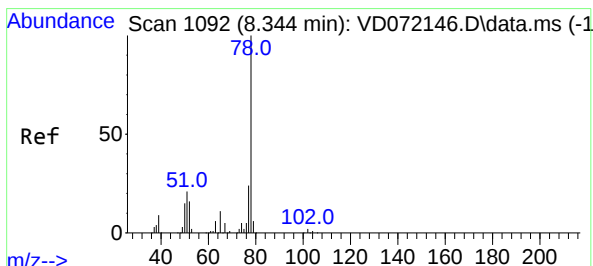
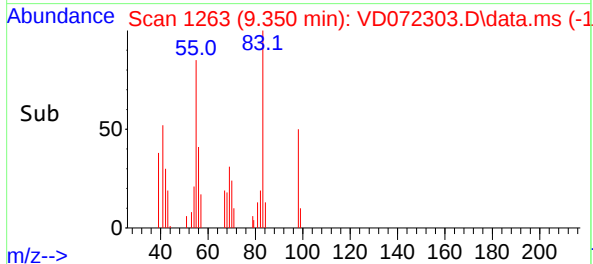
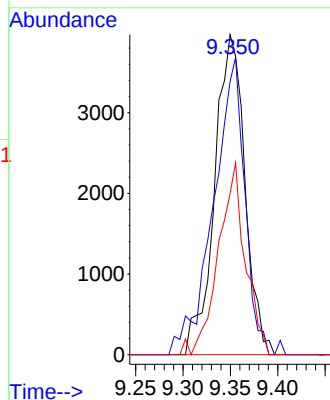
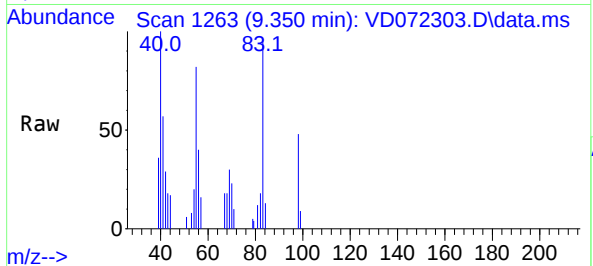




#39
Methylcyclohexane
Concen: 1.332 ug/l
RT: 9.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

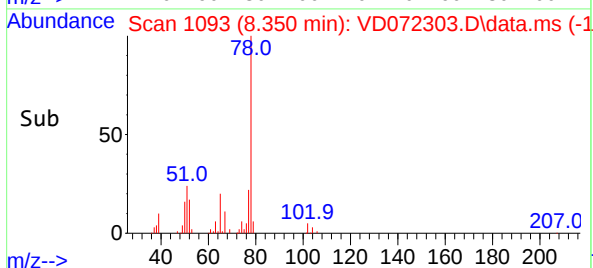
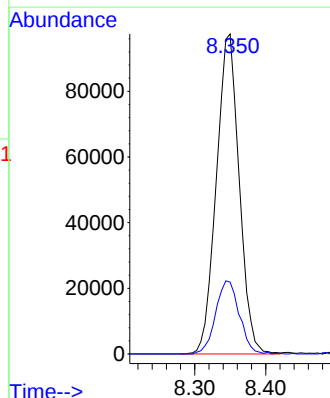
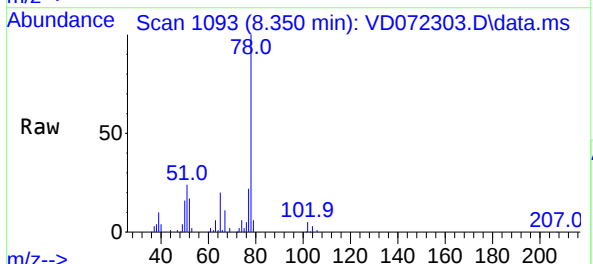
Instrument :
MSVOA_D
ClientSampleId :
C-22-23-25

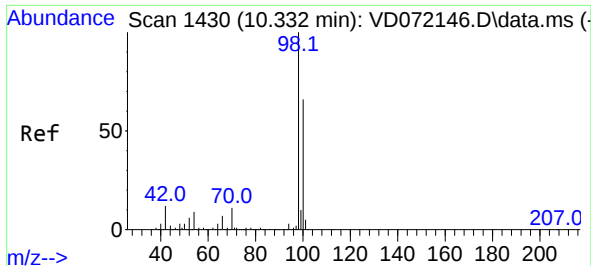
Tgt Ion: 83 Resp: 8841
Ion Ratio Lower Upper
83 100
55 80.9 63.2 94.8
98 50.4 38.2 57.4



#40
Benzene
Concen: 12.923 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

Tgt Ion: 78 Resp: 217473
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7

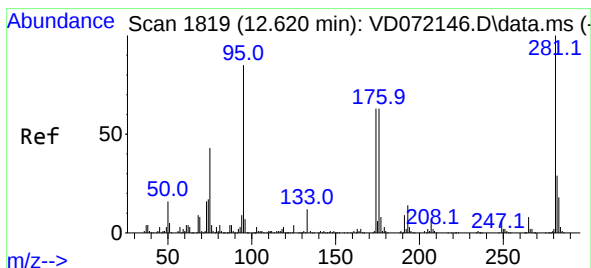
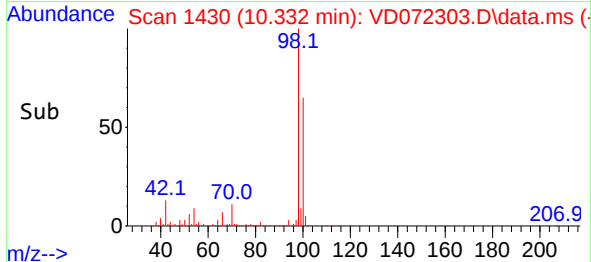
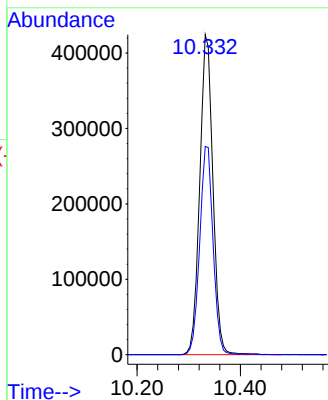
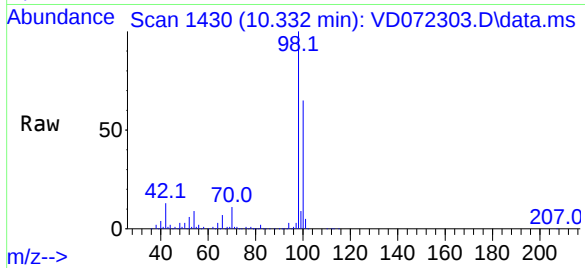




#50
Toluene-d8
Concen: 48.789 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

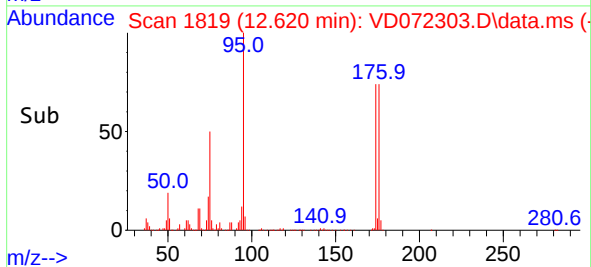
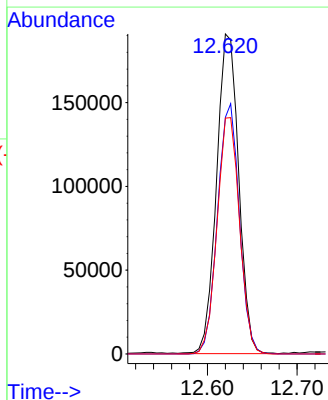
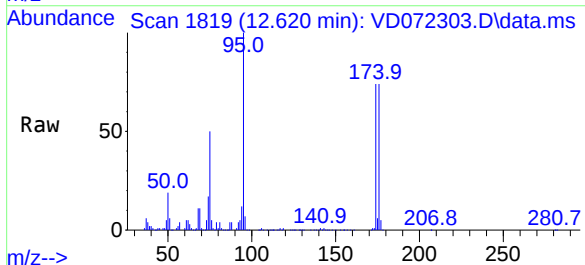
Instrument :
MSVOA_D
ClientSampleId :
C-22-23-25

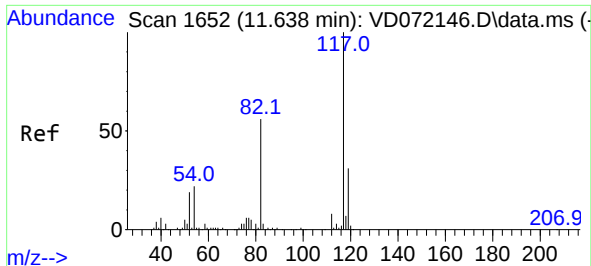
Tgt Ion: 98 Resp: 750145
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.692 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

Tgt Ion: 95 Resp: 326736
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 74.9 0.0 145.4

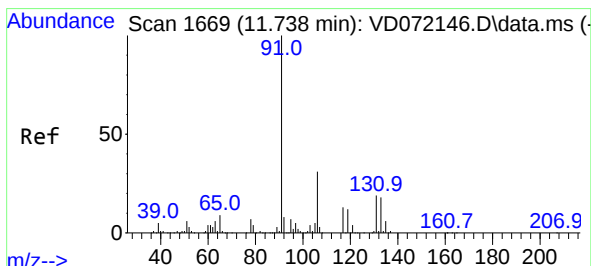
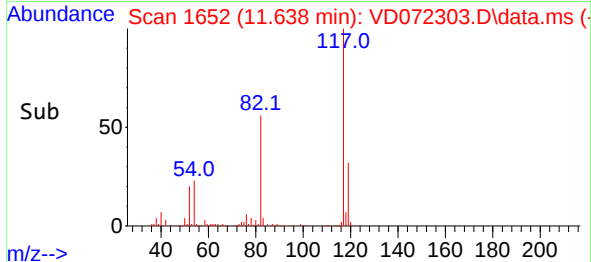
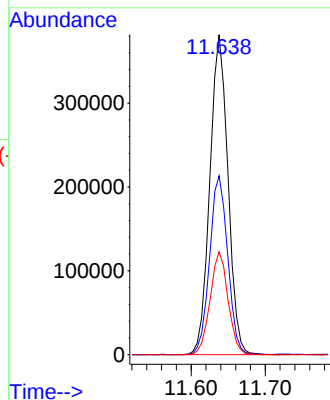
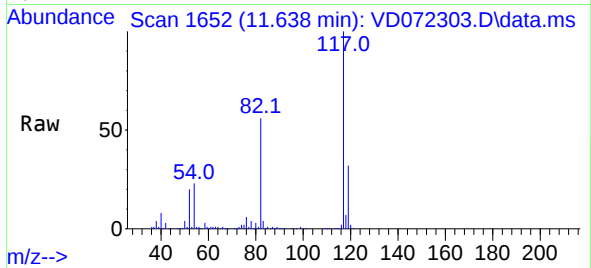




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

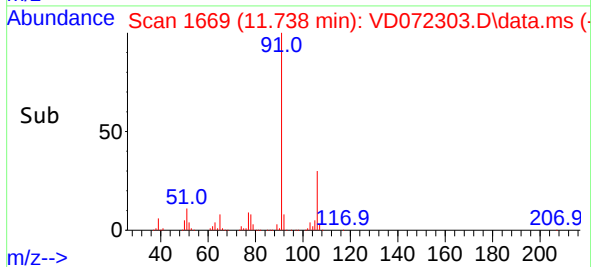
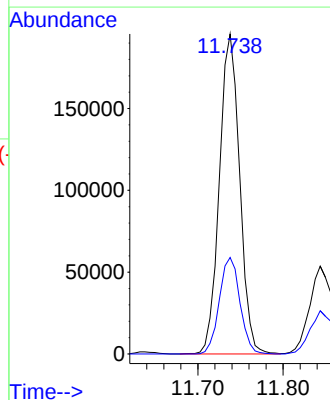
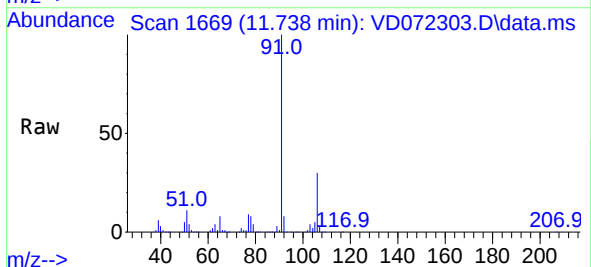
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ClientSampleId :
C-22-23-25

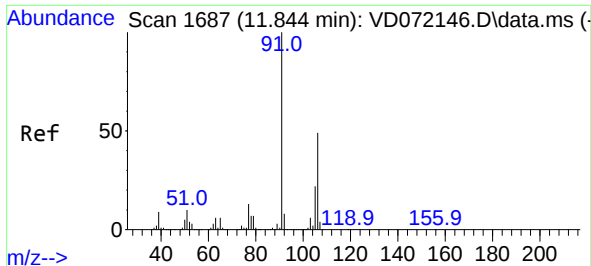
Tgt Ion:117 Resp: 647539
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 32.1 26.6 40.0



#67
Ethyl Benzene
Concen: 12.636 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

Tgt Ion: 91 Resp: 323976
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4

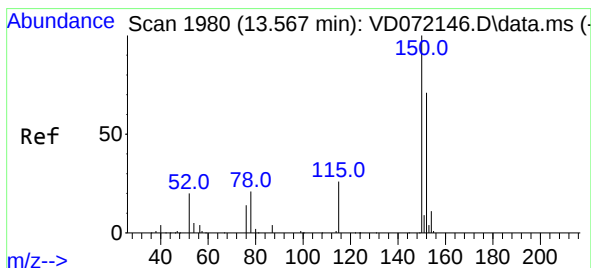
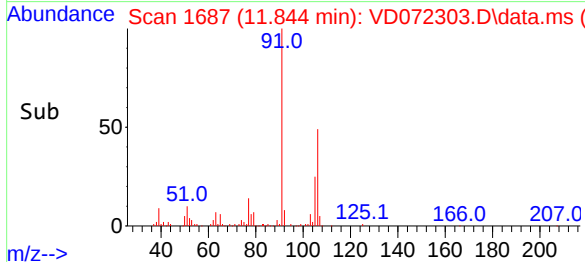
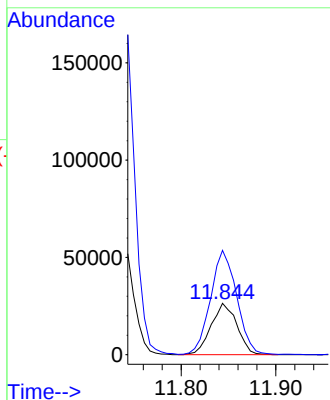
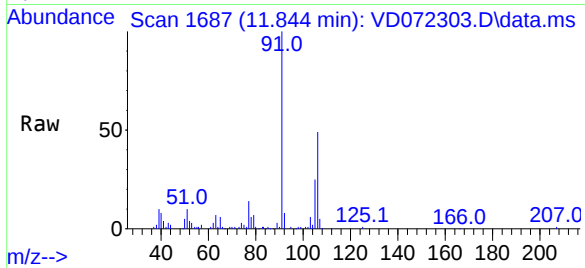




#68
m/p-Xylenes
Concen: 5.121 ug/l
RT: 11.844 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

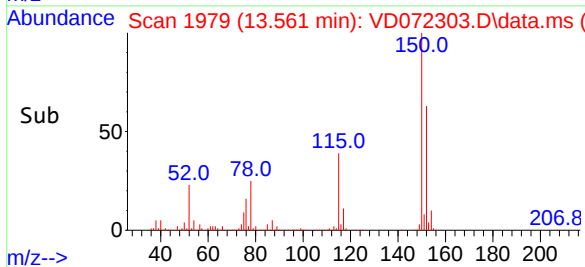
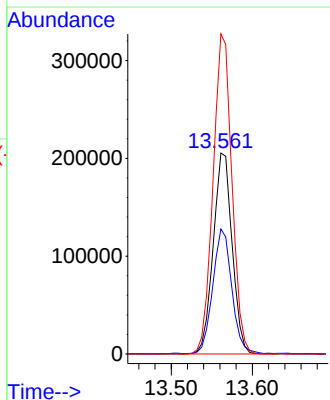
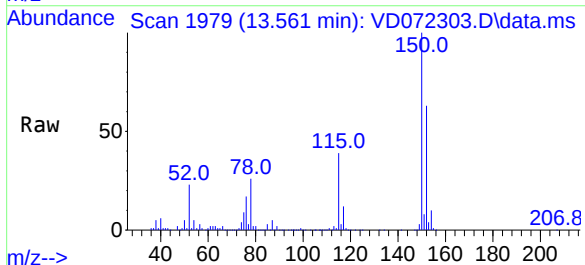
Instrument :
MSVOA_D
ClientSampleId :
C-22-23-25

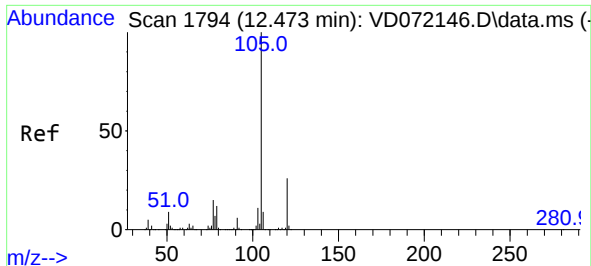
Tgt Ion:106 Resp: 49858
Ion Ratio Lower Upper
106 100
91 207.3 163.7 245.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

Tgt Ion:152 Resp: 332774
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 158.5 0.0 348.6

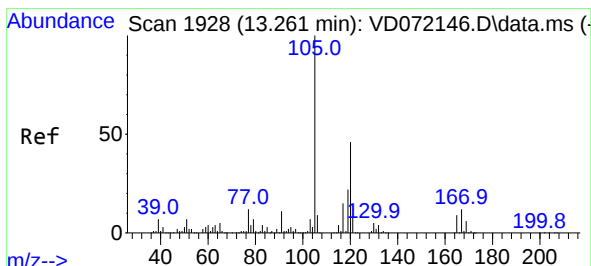
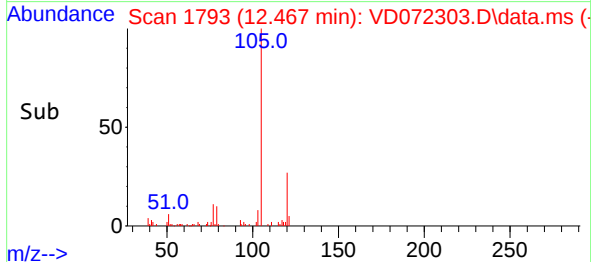
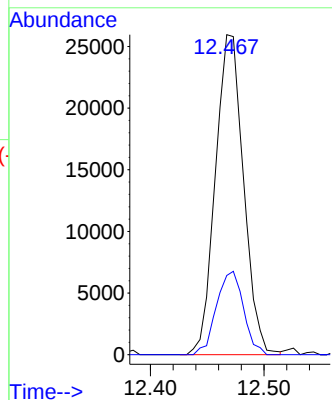
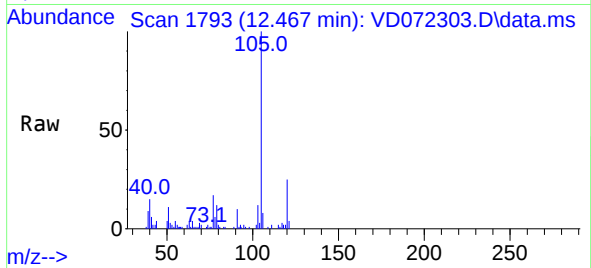




#73
Isopropylbenzene
Concen: 1.696 ug/l
RT: 12.467 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

Instrument :
MSVOA_D
ClientSampleId :
C-22-23-25

Tgt Ion:105 Resp: 44733
Ion Ratio Lower Upper
105 100
120 25.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 3.239 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072303.D
Acq: 18 Mar 2022 21:31

Tgt Ion:105 Resp: 72300
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.8

