

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072813.D
 Acq On : 05 May 2022 16:42
 Operator : VA/SY
 Sample : N2672-06
 Misc : 6.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 06

Quant Time: May 06 03:50:23 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)

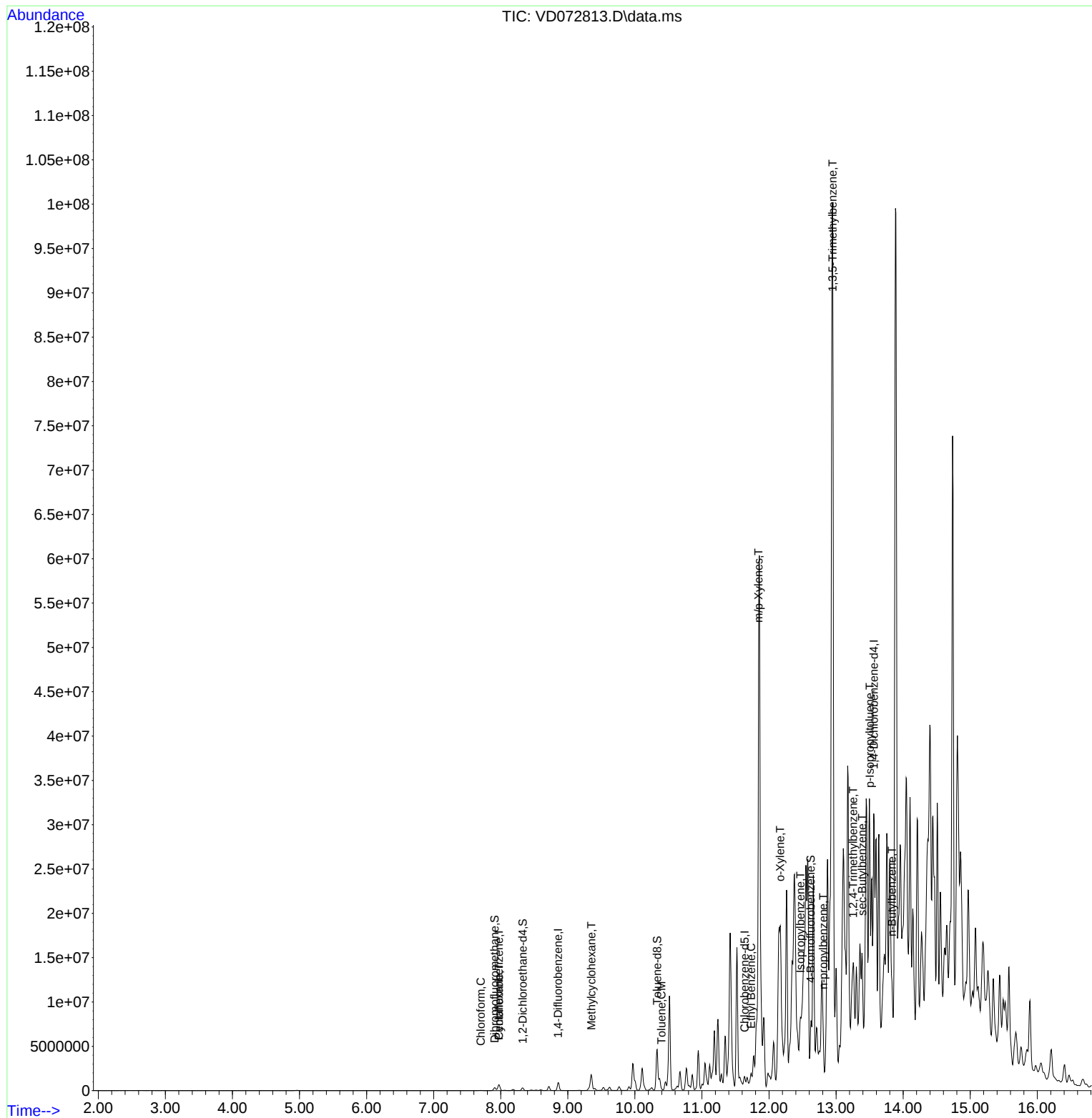
Internal Standards						
1) Pentafluorobenzene	7.973	168	415175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	775394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	708652	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	370757	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	254698	47.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.520%
35) Dibromofluoromethane	7.909	113	235754	43.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.580%
50) Toluene-d8	10.332	98	1091045	55.853	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.700%
62) 4-Bromofluorobenzene	12.620	95	550619	75.595	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	151.200%#
Target Compounds						
					Qvalue	
30) Chloroform	7.703	83	15367	1.360	ug/l	98
31) Cyclohexane	7.973	56	43568	4.625	ug/l #	80
39) Methylcyclohexane	9.350	83	695011	67.668	ug/l	97
52) Toluene	10.397	92	57232	3.588	ug/l	91
67) Ethyl Benzene	11.732	91	248761	8.770	ug/l	95
68) m/p-Xylenes	11.844	106	1066389	97.595	ug/l	94
69) o-Xylene	12.167	106	3045908	298.478	ug/l	98
73) Isopropylbenzene	12.467	105	1475603	51.155	ug/l	99
78) n-propylbenzene	12.808	91	1301255	35.792	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	8350055	341.384	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	4763293	194.828	ug/l	99
85) sec-Butylbenzene	13.391	105	3897759	124.277	ug/l	87
86) p-Isopropyltoluene	13.502	119	2663459	103.578	ug/l	99
89) n-Butylbenzene	13.832	91	2062043	82.780	ug/l #	70

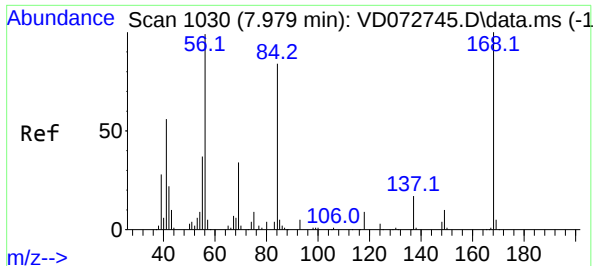
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
Data File : VD072813.D
Acq On : 05 May 2022 16:42
Operator : VA/SY
Sample : N2672-06
Misc : 6.71G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
06

Quant Time: May 06 03:50:23 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

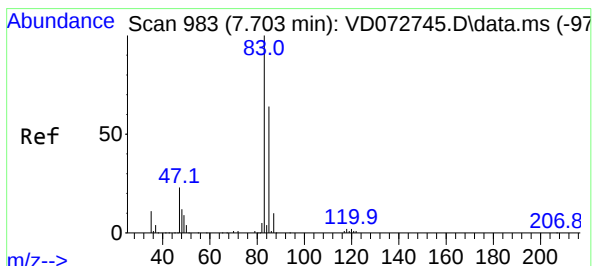
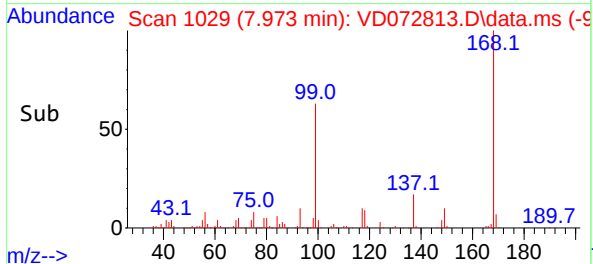
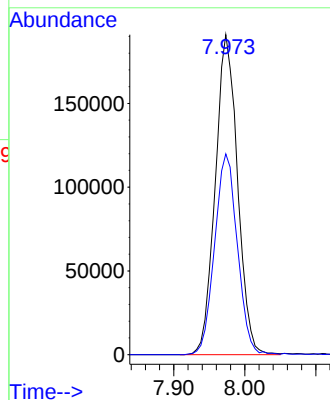
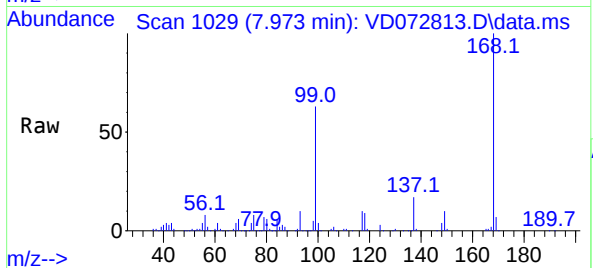




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

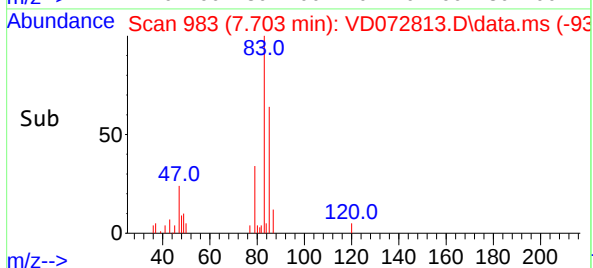
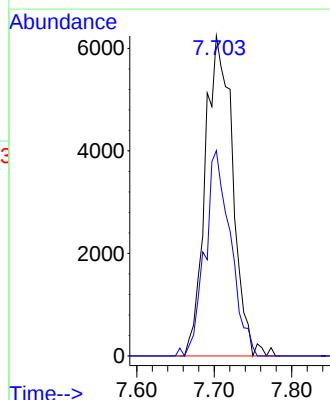
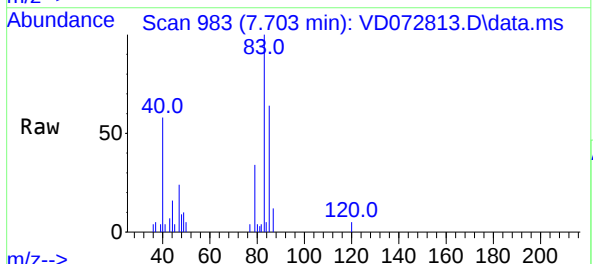
Instrument :
MSVOA_D
ClientSampleId :
06

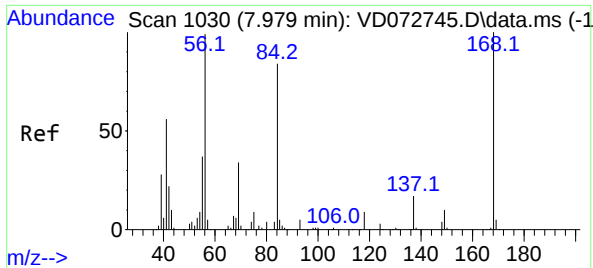
Tgt Ion:168 Resp: 415175
Ion Ratio Lower Upper
168 100
99 62.7 49.8 74.6



#30
Chloroform
Concen: 1.360 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Tgt Ion: 83 Resp: 15367
Ion Ratio Lower Upper
83 100
85 64.1 52.7 79.1

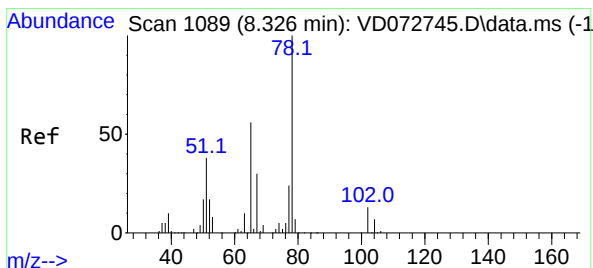
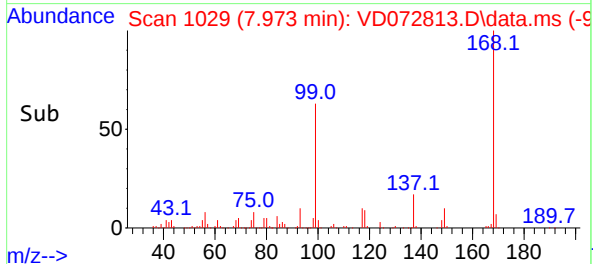
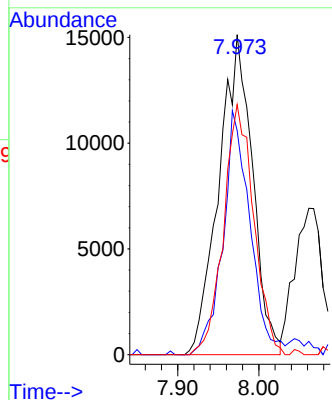
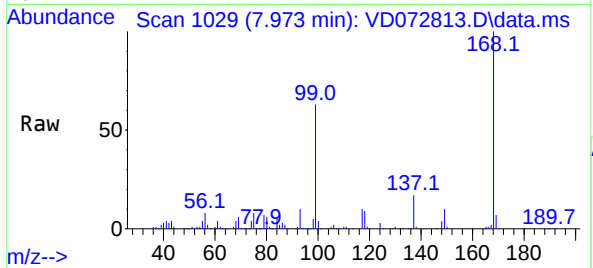




#31
Cyclohexane
Concen: 4.625 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

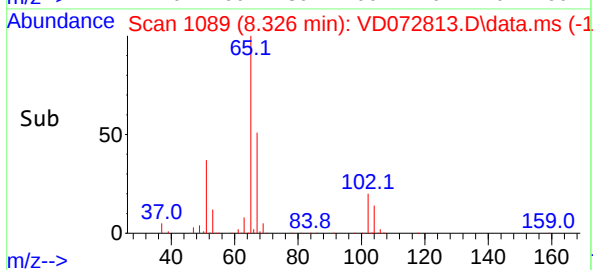
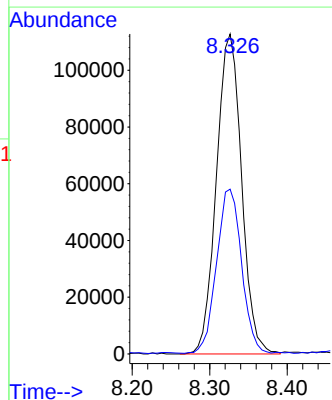
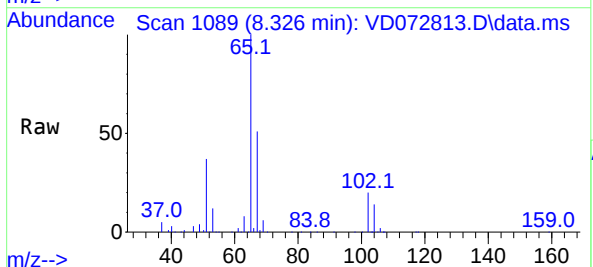
Instrument :
MSVOA_D
ClientSampleId :
06

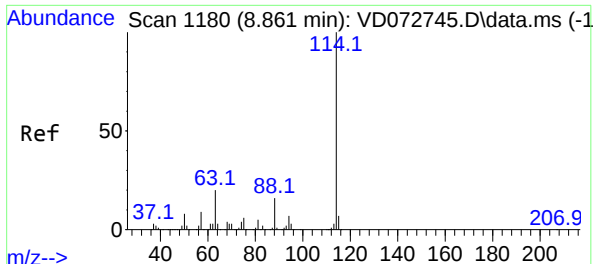
Tgt Ion: 56 Resp: 43568
Ion Ratio Lower Upper
56 100
69 70.0 25.4 38.2#
84 78.2 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 47.260 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Tgt Ion: 65 Resp: 254698
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.4



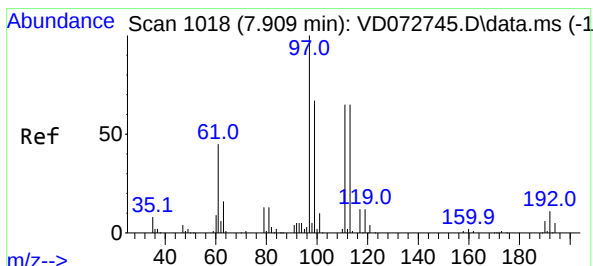
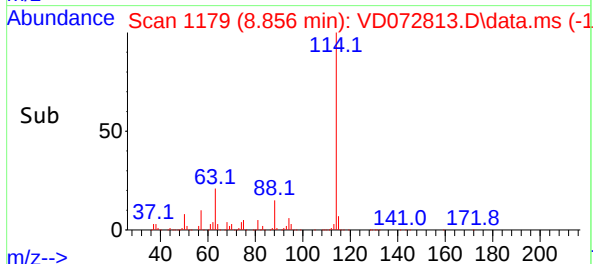
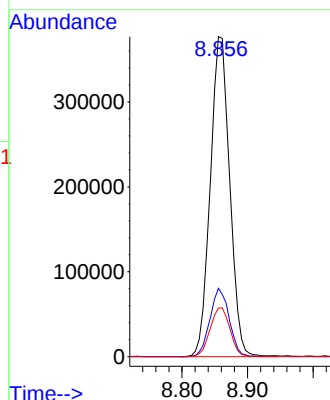
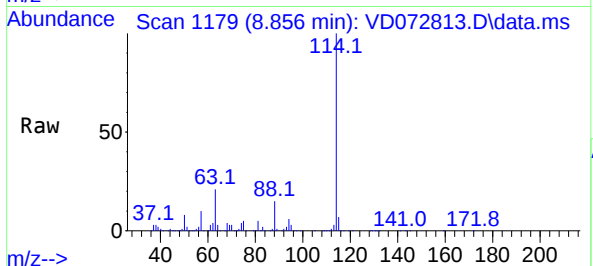


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :
06

Tgt Ion:114 Resp: 775394

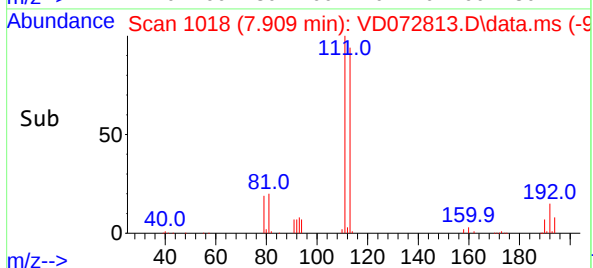
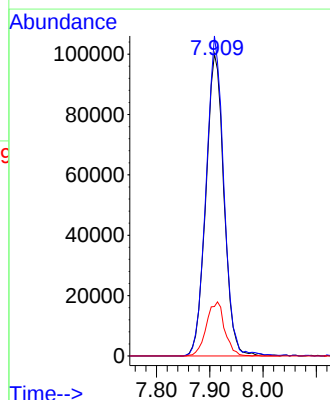
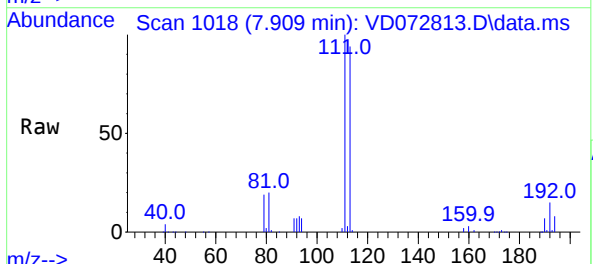
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	46.6
88	15.2	0.0	33.2

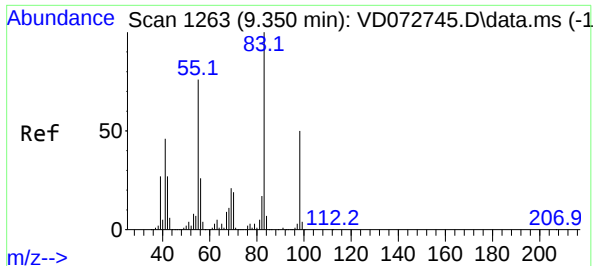


#35
Dibromofluoromethane
Concen: 43.292 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Tgt Ion:113 Resp: 235754

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.6
192	18.1	14.6	21.8

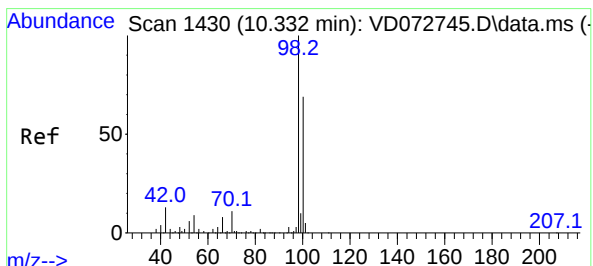
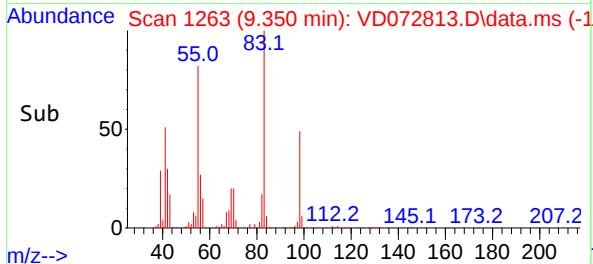
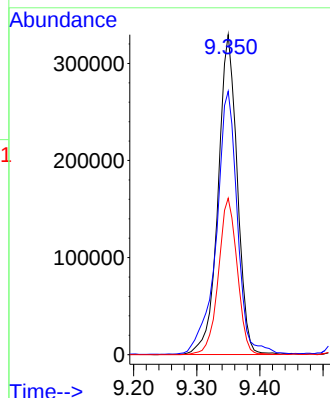
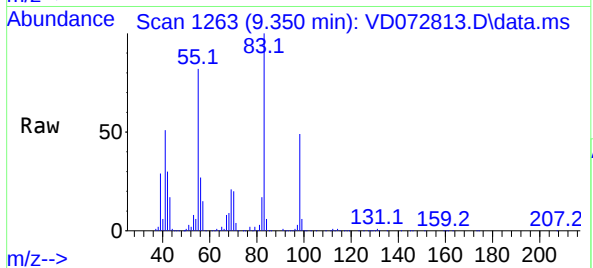




#39
Methylcyclohexane
Concen: 67.668 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

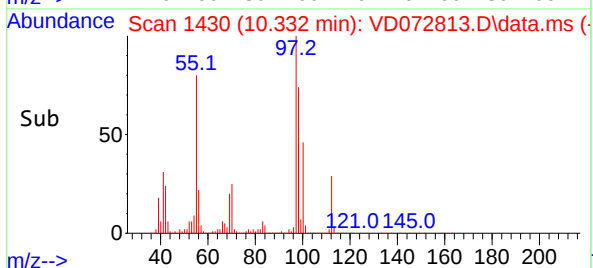
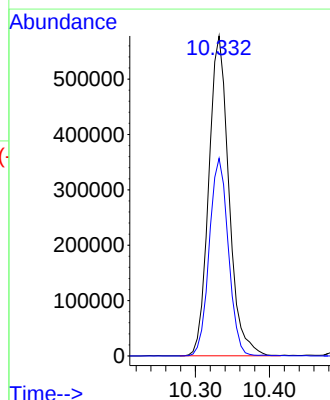
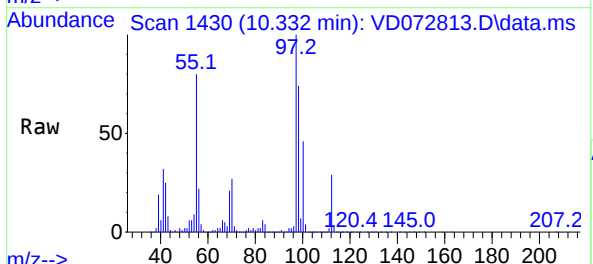
Instrument :
MSVOA_D
ClientSampleId :
06

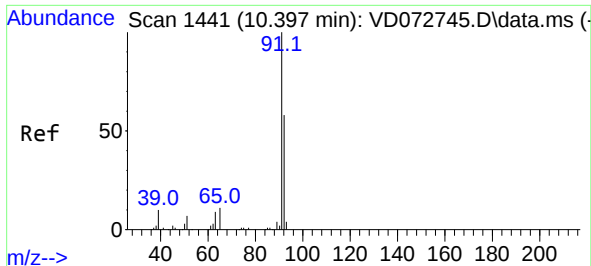
Tgt Ion: 83 Resp: 695011
Ion Ratio Lower Upper
83 100
55 81.9 63.2 94.8
98 48.9 38.2 57.4



#50
Toluene-d8
Concen: 55.853 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Tgt Ion: 98 Resp: 1091045
Ion Ratio Lower Upper
98 100
100 58.4 52.4 78.6

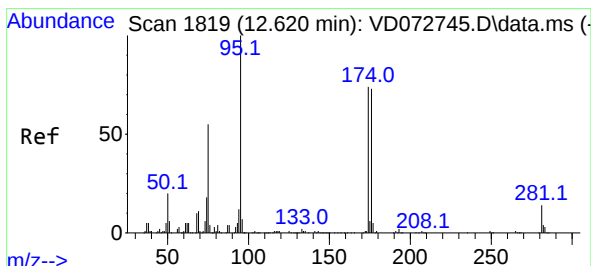
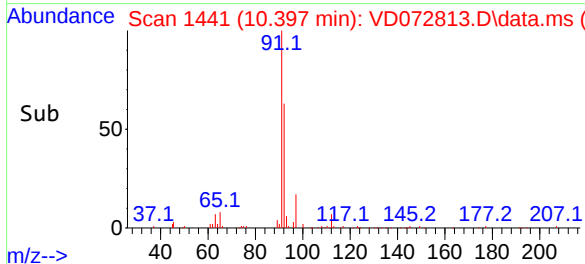
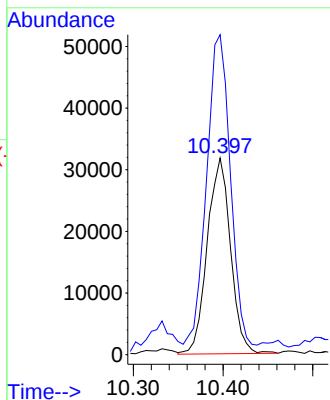
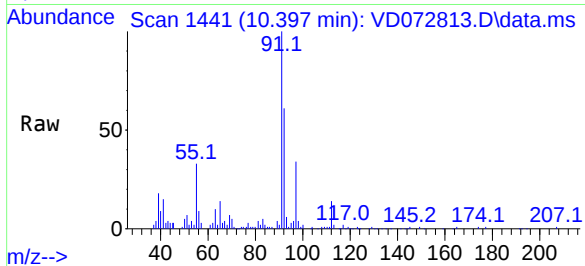




#52
Toluene
Concen: 3.588 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

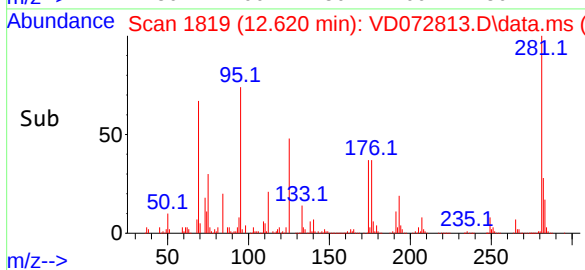
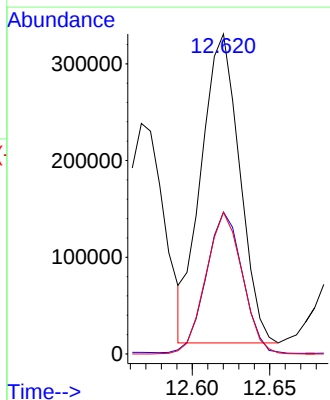
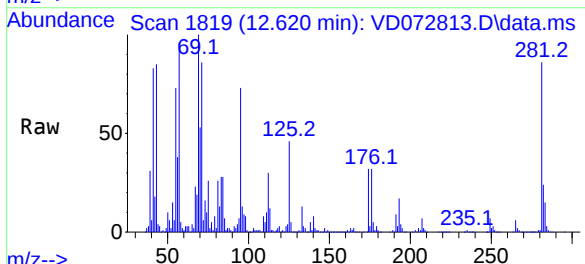
Instrument :
MSVOA_D
ClientSampleId :
06

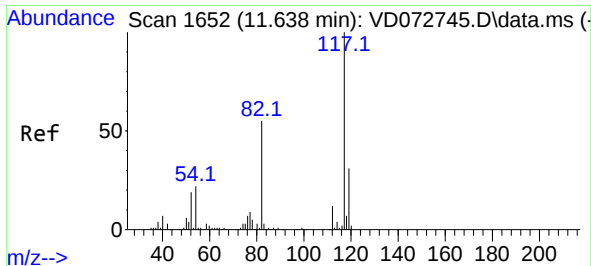
Tgt Ion: 92 Resp: 57232
Ion Ratio Lower Upper
92 100
91 162.7 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 75.595 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Tgt Ion: 95 Resp: 550619
Ion Ratio Lower Upper
95 100
174 43.3 0.0 152.8
176 43.3 0.0 145.4

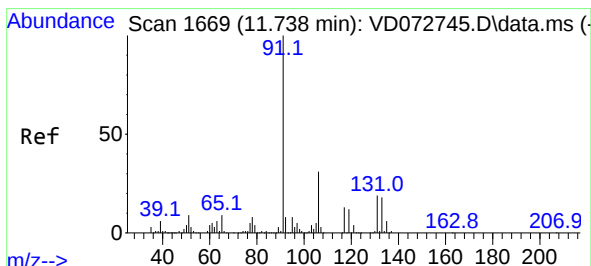
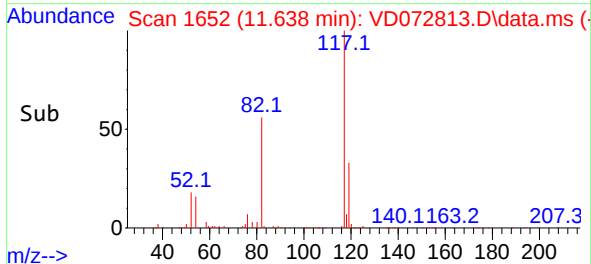
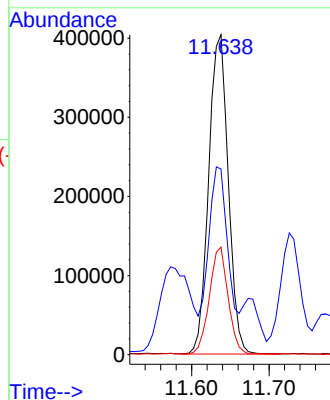
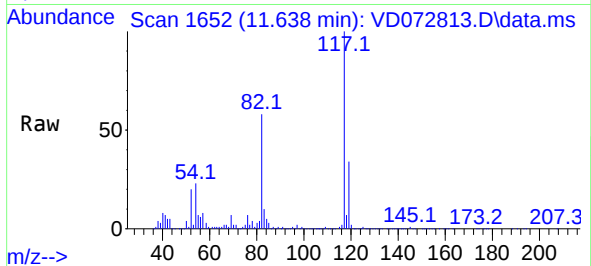




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

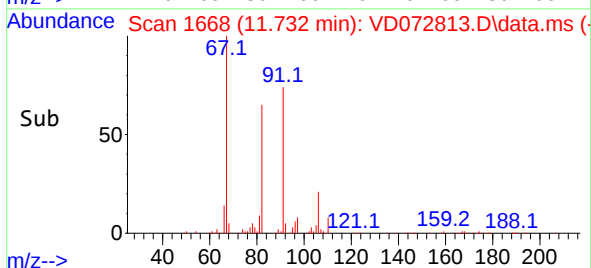
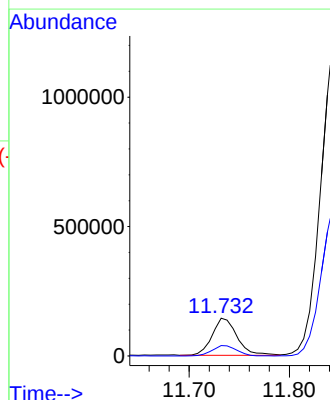
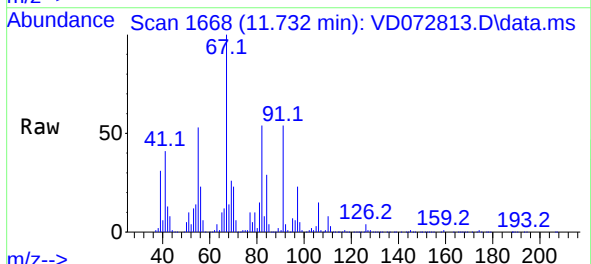
Instrument :
MSVOA_D
ClientSampleId :
06

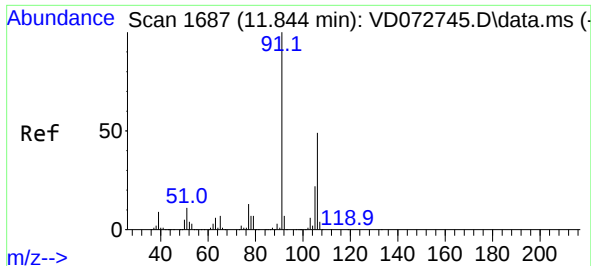
Tgt Ion:117 Resp: 708652
Ion Ratio Lower Upper
117 100
82 37.2 45.3 67.9#
119 33.4 26.6 40.0



#67
Ethyl Benzene
Concen: 8.770 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Tgt Ion: 91 Resp: 248761
Ion Ratio Lower Upper
91 100
106 27.8 24.2 36.4

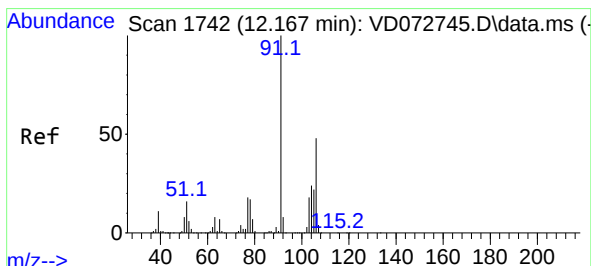
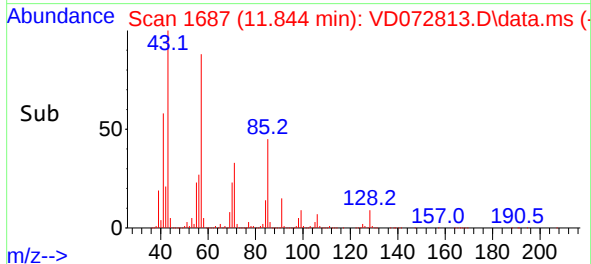
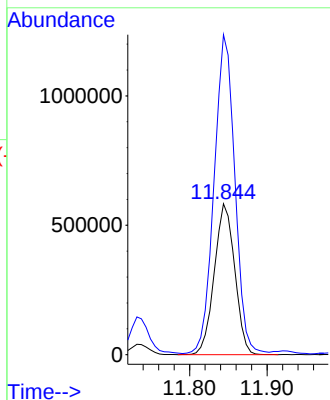
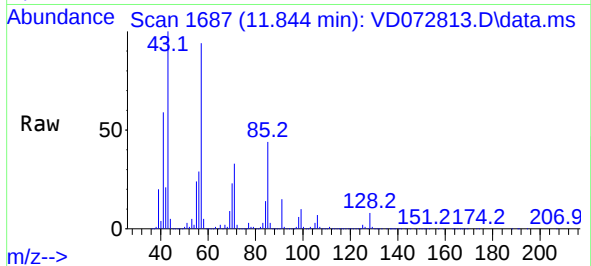




#68
m/p-Xylenes
Concen: 97.595 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

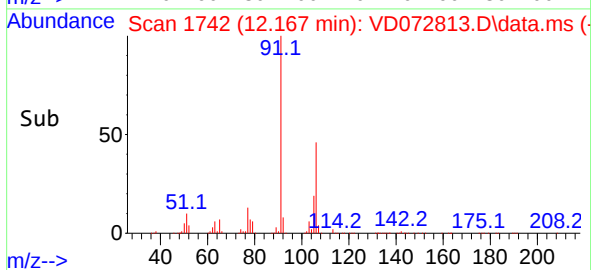
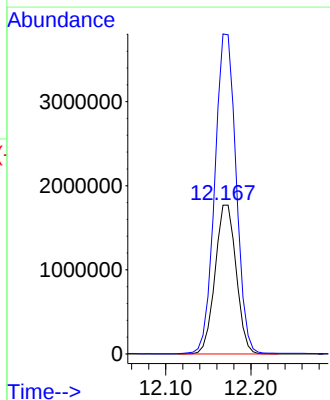
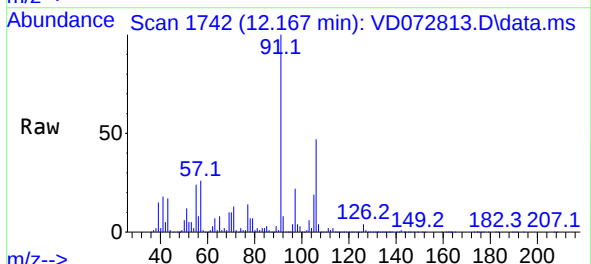
Instrument :
MSVOA_D
ClientSampleId :
06

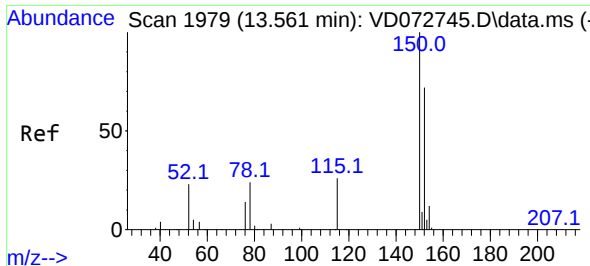
Tgt Ion:106 Resp: 1066389
Ion Ratio Lower Upper
106 100
91 214.1 163.7 245.5



#69
o-Xylene
Concen: 298.478 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Tgt Ion:106 Resp: 3045908
Ion Ratio Lower Upper
106 100
91 217.2 110.4 331.2

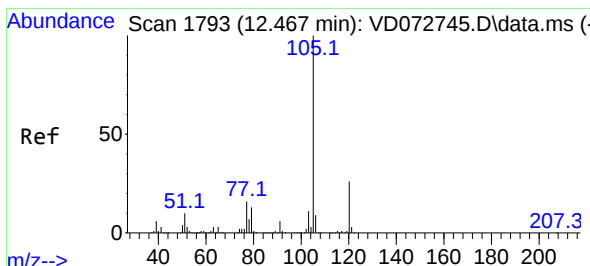
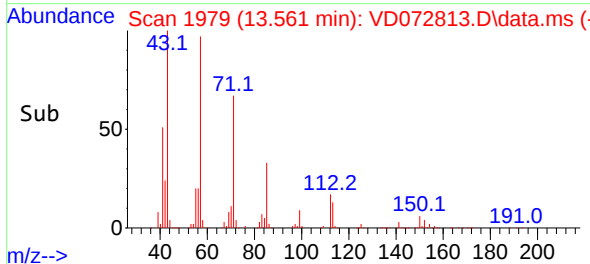
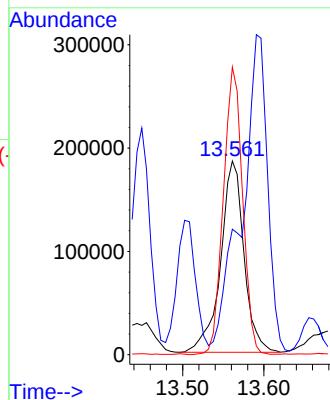
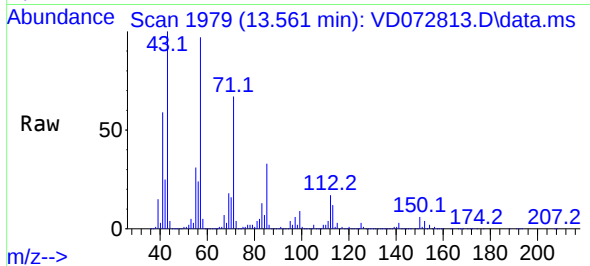




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

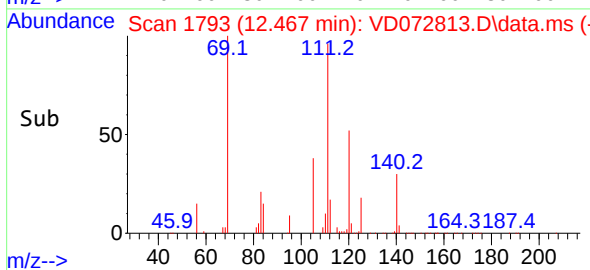
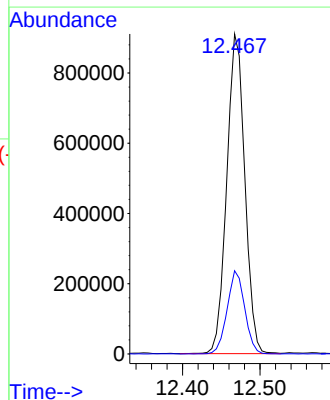
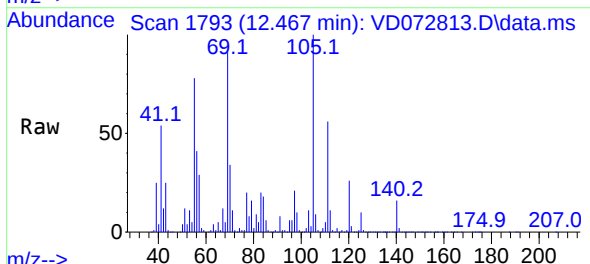
Instrument :
MSVOA_D
ClientSampleId :
06

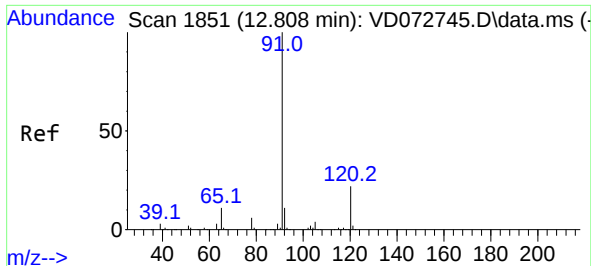
Tgt Ion:152 Resp: 370757
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 123.9 0.0 348.6



#73
Isopropylbenzene
Concen: 51.155 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Tgt Ion:105 Resp: 1475603
Ion Ratio Lower Upper
105 100
120 25.3 13.0 38.9

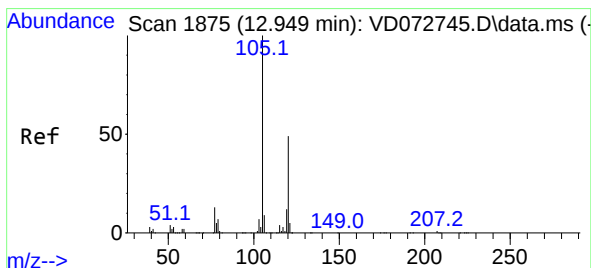
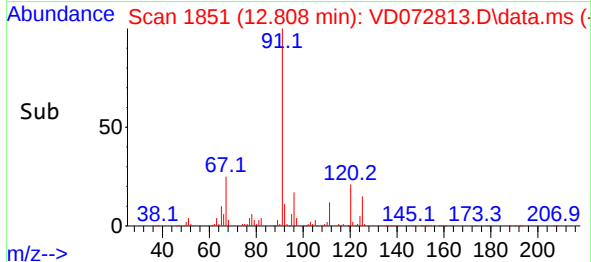
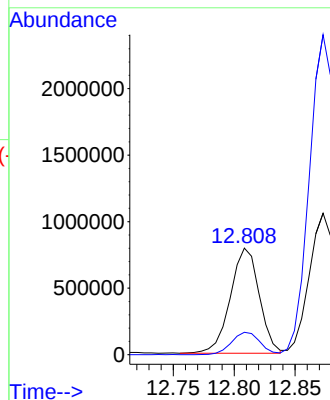
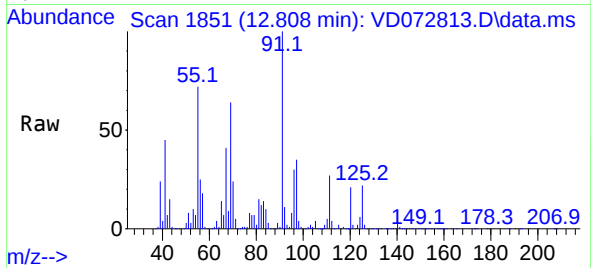




#78
n-propylbenzene
Concen: 35.792 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

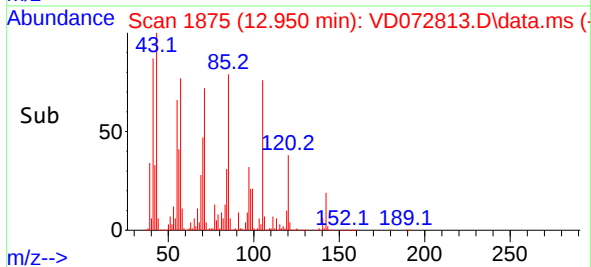
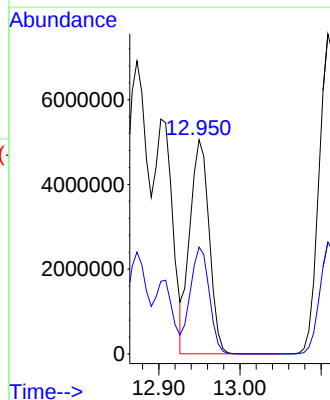
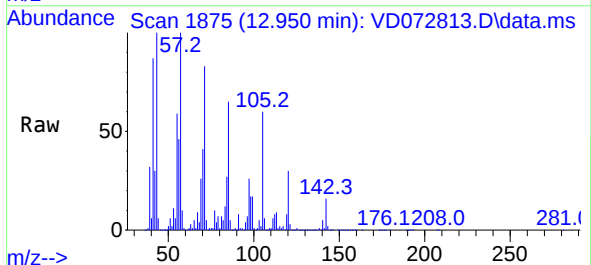
Instrument :
MSVOA_D
ClientSampleId :
06

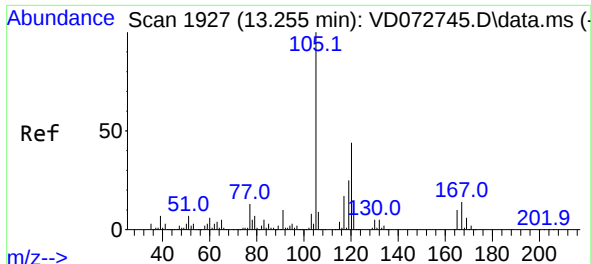
Tgt Ion: 91 Resp: 1301255
Ion Ratio Lower Upper
91 100
120 21.2 10.9 32.9



#80
1,3,5-Trimethylbenzene
Concen: 341.384 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.001 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Tgt Ion:105 Resp: 8350055
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8

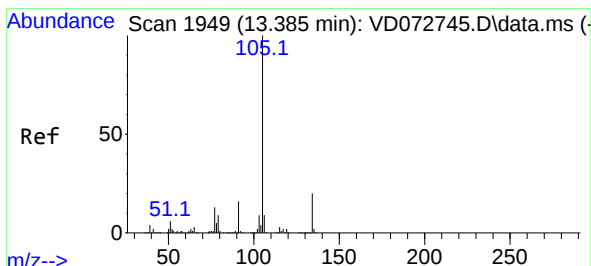
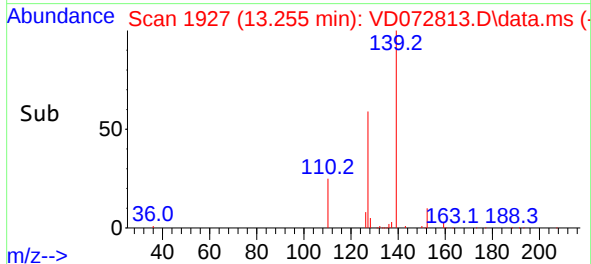
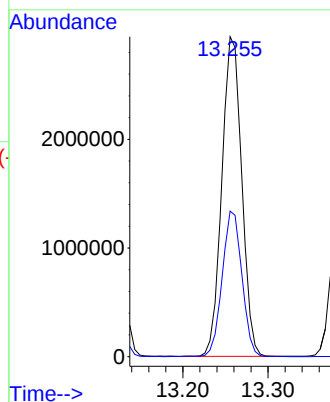
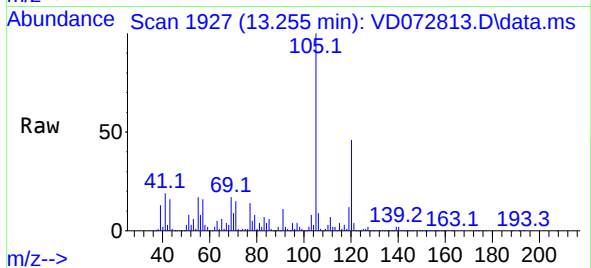




#84
1,2,4-Trimethylbenzene
Concen: 194.828 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

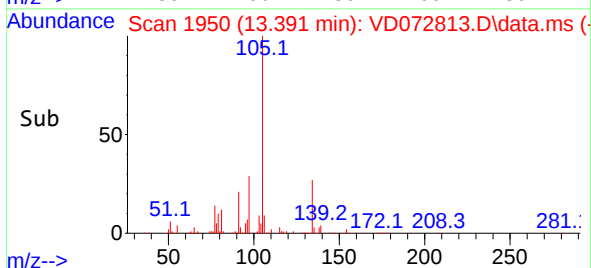
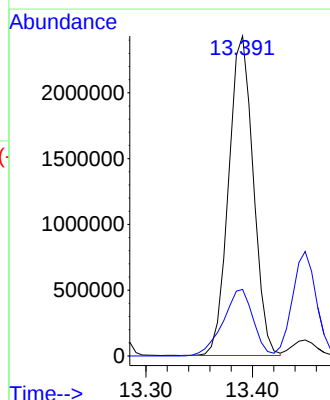
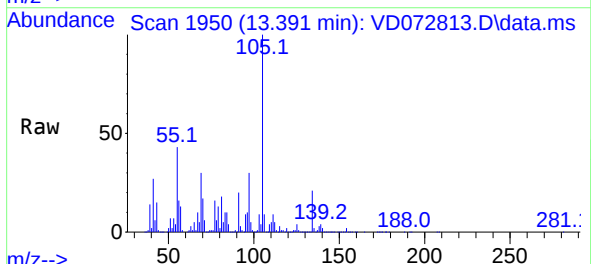
Instrument :
MSVOA_D
ClientSampleId :
06

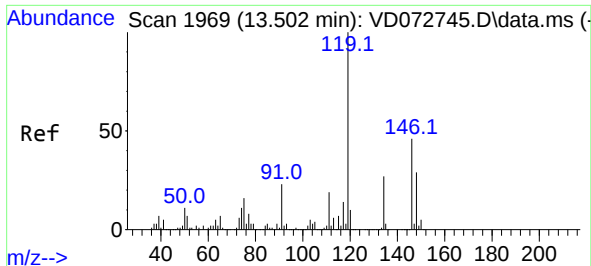
Tgt Ion:105 Resp: 4763293
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8



#85
sec-Butylbenzene
Concen: 124.277 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Tgt Ion:105 Resp: 3897759
Ion Ratio Lower Upper
105 100
134 25.5 9.8 29.3

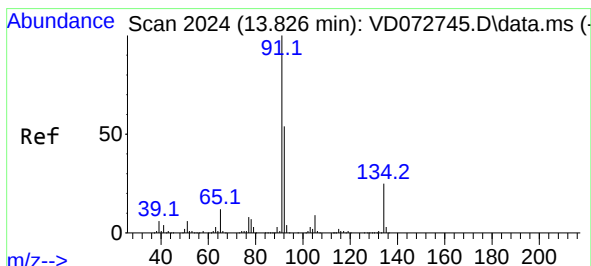
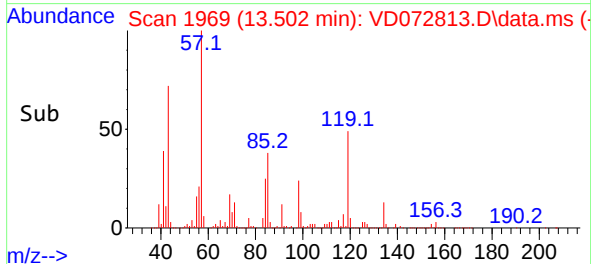
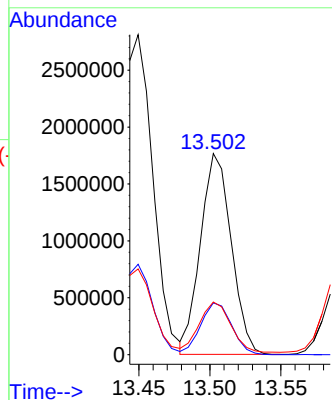
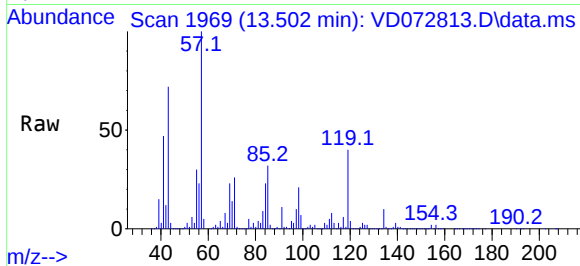




#86
p-Isopropyltoluene
Concen: 103.578 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :
06

Tgt Ion:119 Resp: 2663459
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.6
91 25.1 12.1 36.3



#89
n-Butylbenzene
Concen: 82.780 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD072813.D
Acq: 05 May 2022 16:42

Tgt Ion: 91 Resp: 2062043
Ion Ratio Lower Upper
91 100
92 68.5 26.6 79.8
134 0.0 12.3 36.9#

