

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073099.D
 Acq On : 18 May 2022 15:16
 Operator : VA/SY
 Sample : N2813-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BUR-1103

Quant Time: May 19 04:44:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

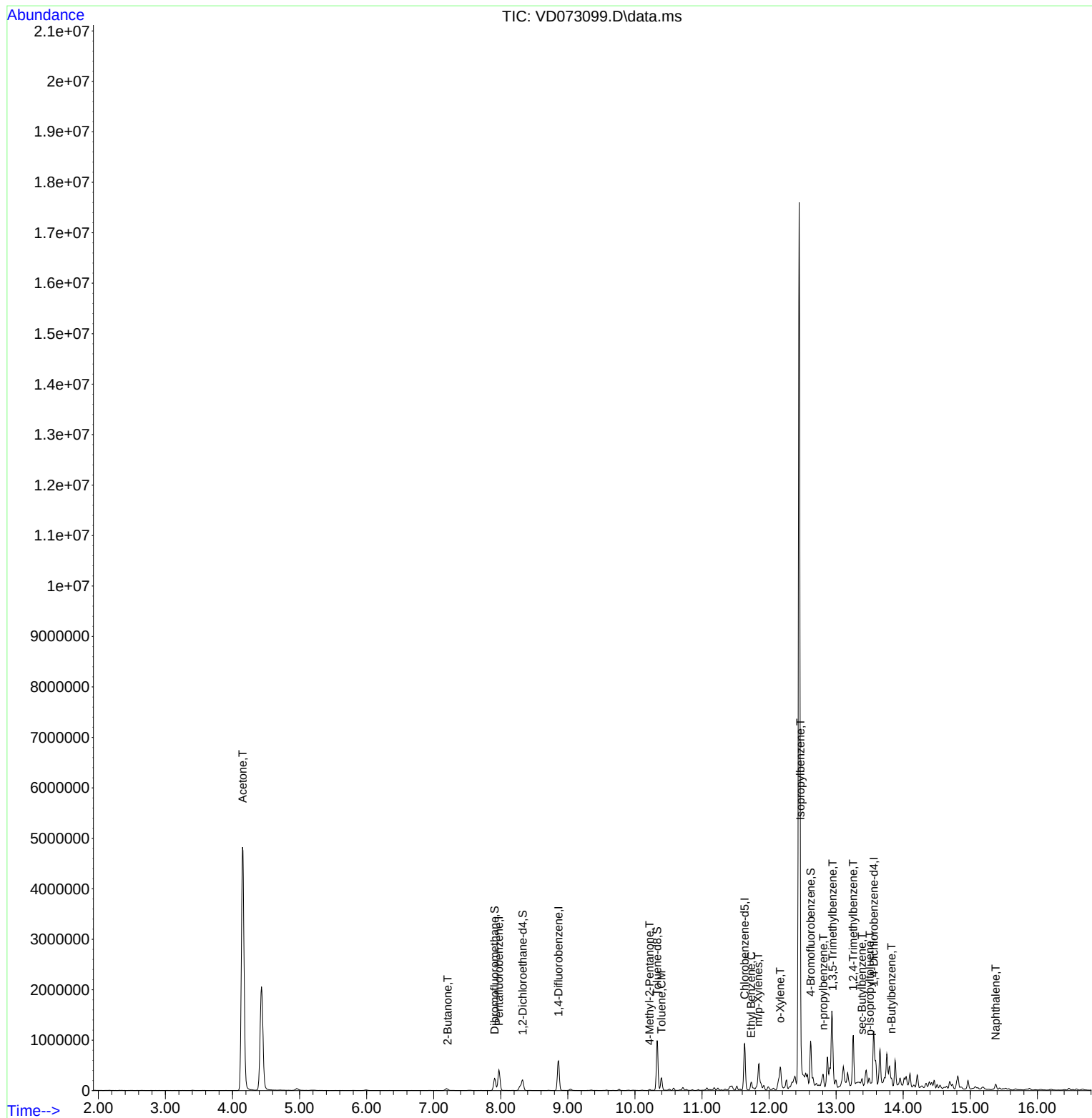
Internal Standards						
1) Pentafluorobenzene	7.973	168	283865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	517925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	554522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159169	44.837	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.680%		
35) Dibromofluoromethane	7.908	113	174046	47.862	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.720%		
50) Toluene-d8	10.332	98	655695	49.703	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.400%		
62) 4-Bromofluorobenzene	12.620	95	270629	56.639	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	113.280%		
Target Compounds					Qvalue	
16) Acetone	4.149	43	8579856	13355.643	ug/l	90
25) 2-Butanone	7.208	43	16837	17.308	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	14053	5.821	ug/l	98
52) Toluene	10.396	92	108233	10.062	ug/l	99
67) Ethyl Benzene	11.731	91	108263	4.945	ug/l	99
68) m/p-Xylenes	11.837	106	50946	6.004	ug/l	100
69) o-Xylene	12.167	106	100770	12.879	ug/l	96
73) Isopropylbenzene	12.467	105	52999	2.598	ug/l	94
78) n-propylbenzene	12.808	91	178914	6.985	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	255136	14.682	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	560567	32.424	ug/l	98
85) sec-Butylbenzene	13.384	105	66719	2.986	ug/l	81
86) p-Isopropyltoluene	13.502	119	37671	2.073	ug/l	97
89) n-Butylbenzene	13.825	91	70803	4.006	ug/l #	77
95) Naphthalene	15.378	128	87390	11.885	ug/l	97

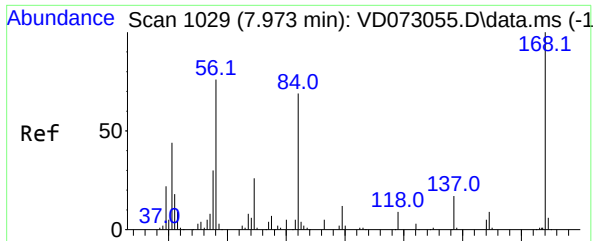
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD073099.D
Acq On : 18 May 2022 15:16
Operator : VA/SY
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ALS Vial : 13 Sample Multiplier: 1

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MSVOA_D
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BUR-1103

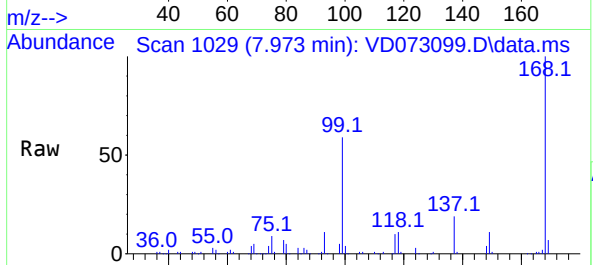
Quant Time: May 19 04:44:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration



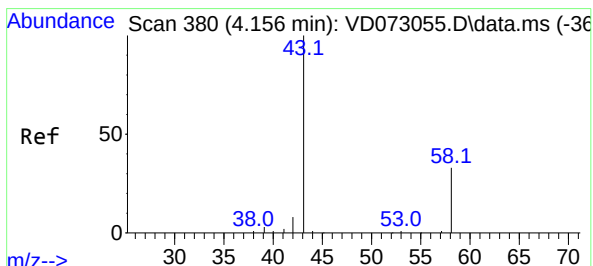
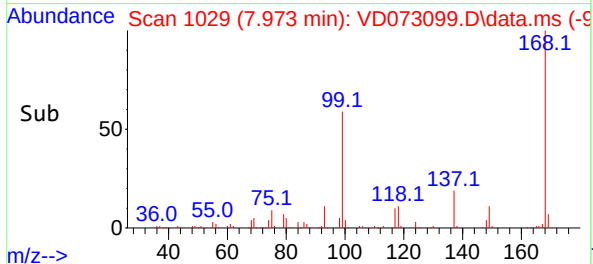
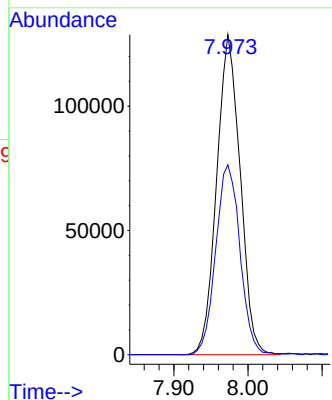


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

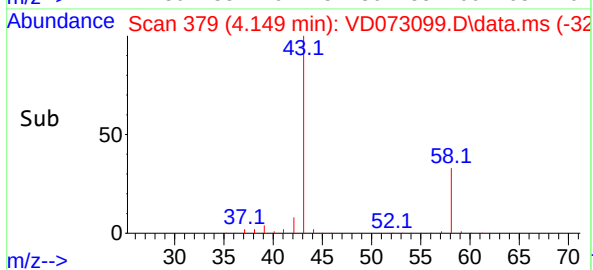
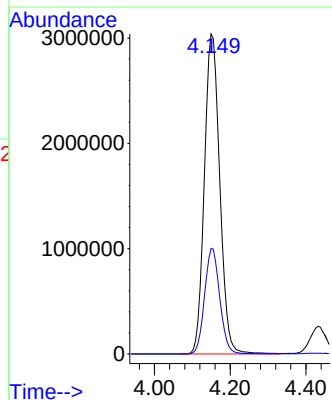
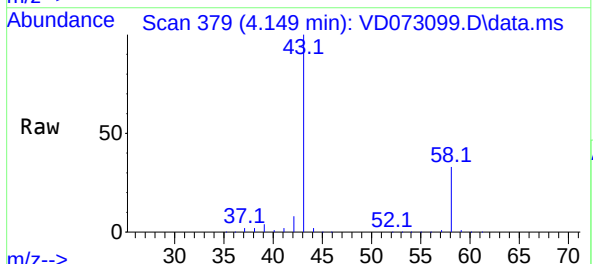


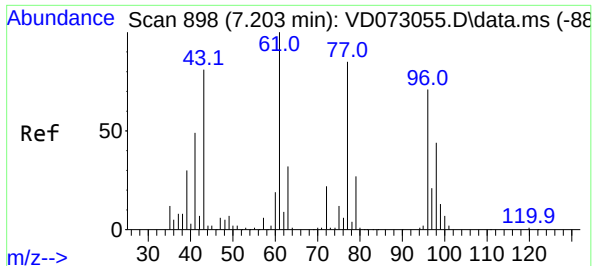
Tgt Ion:168 Resp: 283865
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#16
Acetone
Concen: 13355.643 ug/l
RT: 4.149 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

Tgt Ion: 43 Resp: 8579856
Ion Ratio Lower Upper
43 100
58 33.0 22.1 33.1





#25

2-Butanone

Concen: 17.308 ug/l

RT: 7.208 min Scan# 89

Delta R.T. 0.006 min

Lab File: VD073099.D

Acq: 18 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

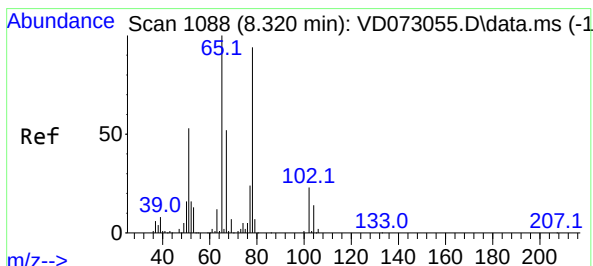
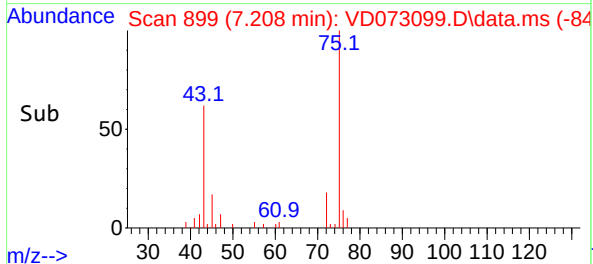
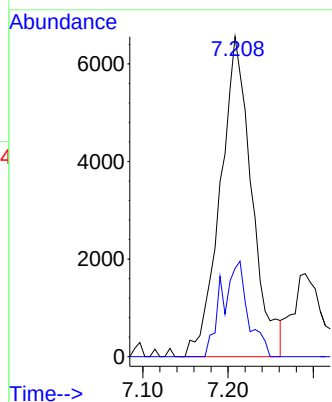
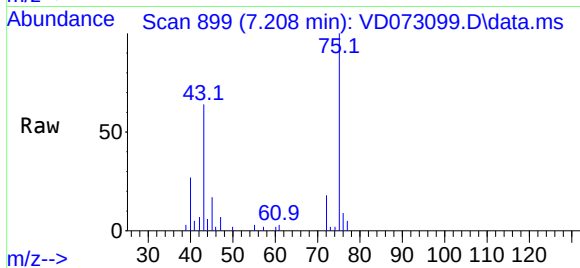
BUR-1103

Tgt Ion: 43 Resp: 16837

Ion Ratio Lower Upper

43 100

72 27.6 18.6 27.8



#33

1,2-Dichloroethane-d4

Concen: 44.837 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073099.D

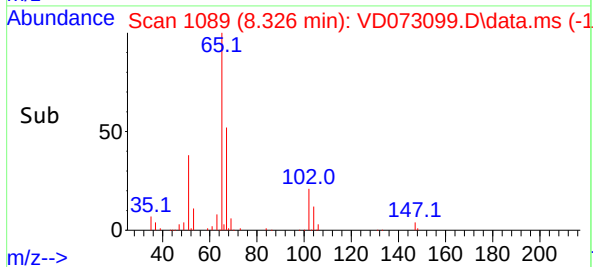
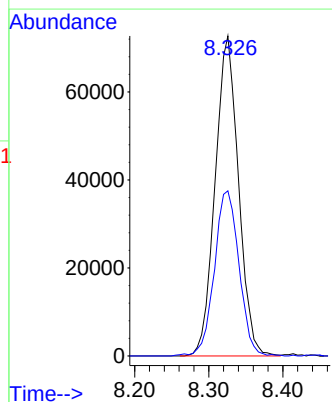
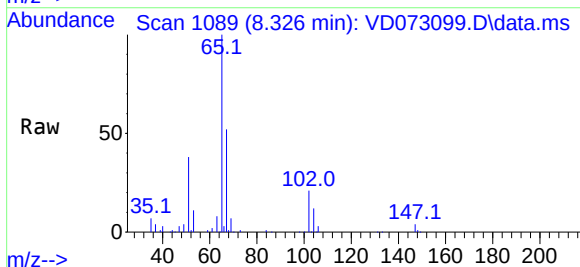
Acq: 18 May 2022 15:16

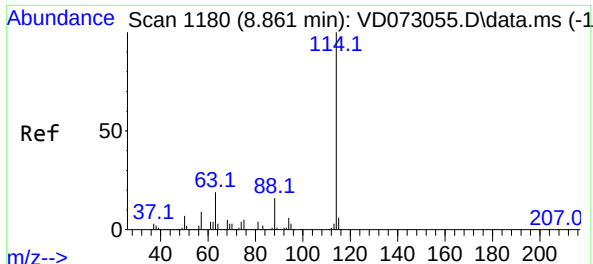
Tgt Ion: 65 Resp: 159169

Ion Ratio Lower Upper

65 100

67 54.4 0.0 101.4



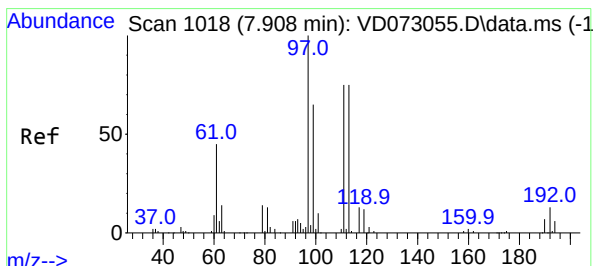
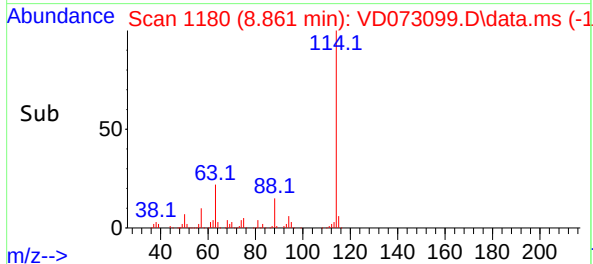
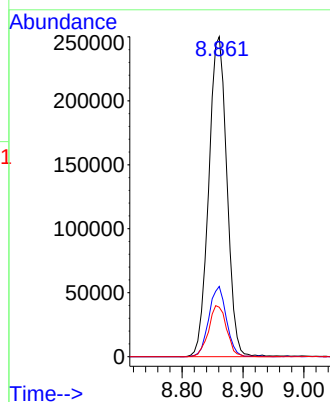
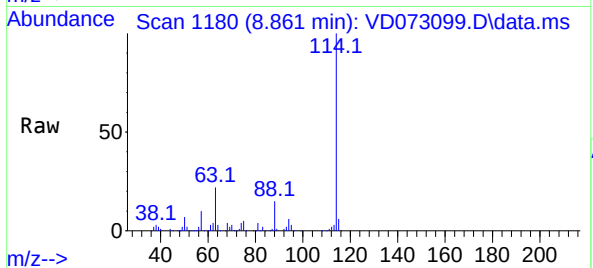


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

Tgt Ion:114 Resp: 517925

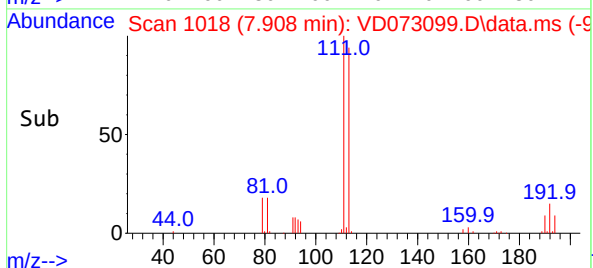
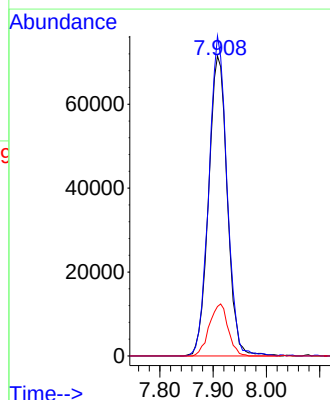
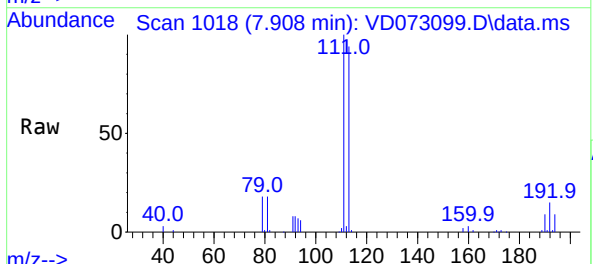
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	46.6
88	15.5	0.0	33.2

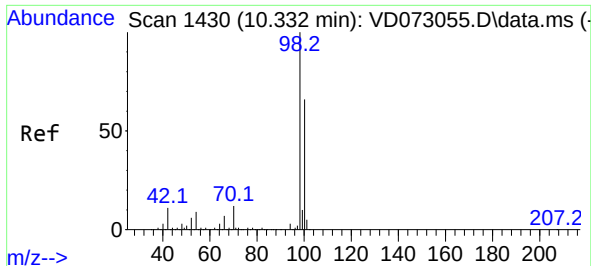


#35
Dibromofluoromethane
Concen: 47.862 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

Tgt Ion:113 Resp: 174046

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.6
192	17.4	14.6	21.8

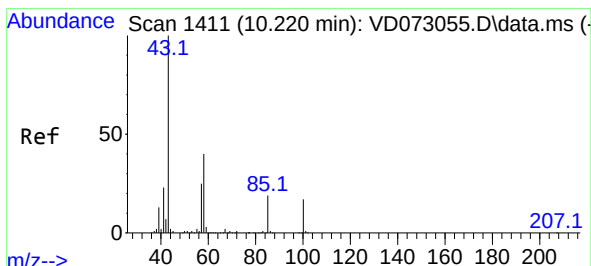
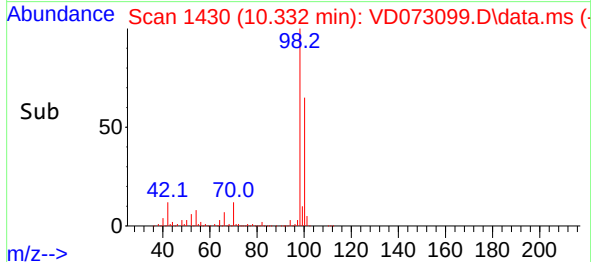
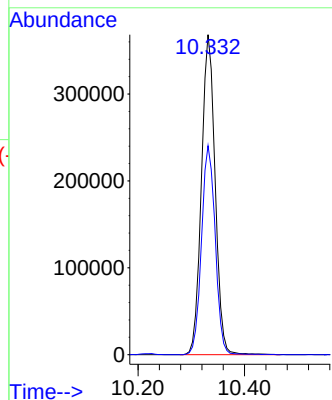
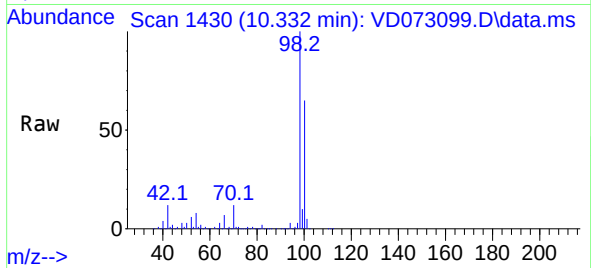




#50
Toluene-d8
Concen: 49.703 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

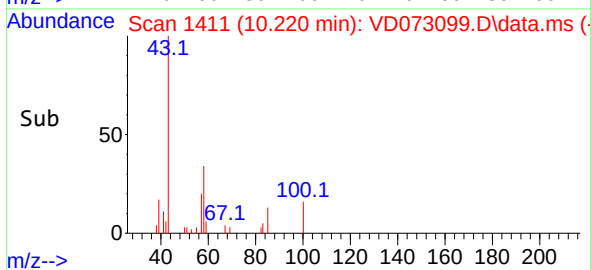
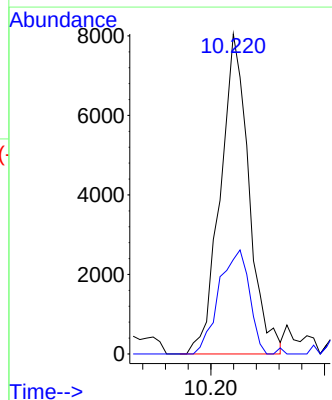
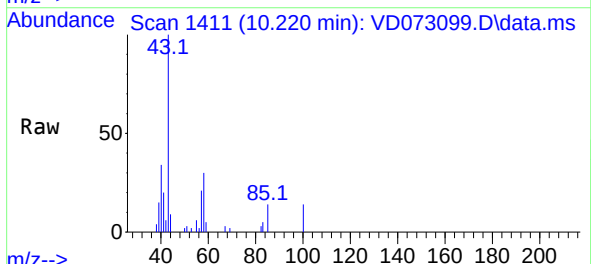
Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

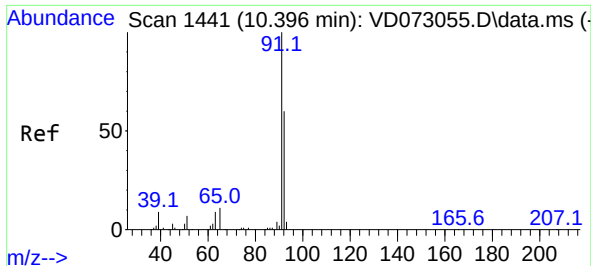
Tgt Ion: 98 Resp: 655695
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 5.821 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

Tgt Ion: 43 Resp: 14053
Ion Ratio Lower Upper
43 100
58 34.6 28.6 43.0

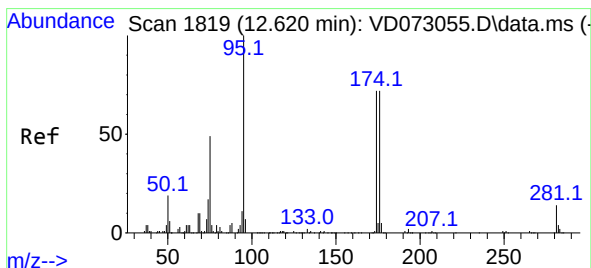
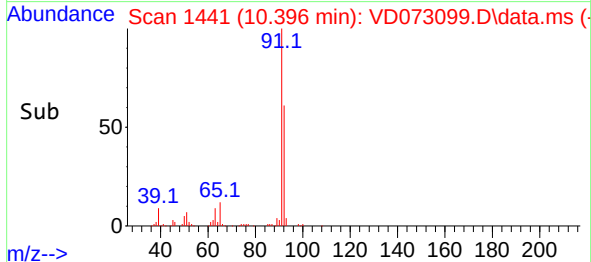
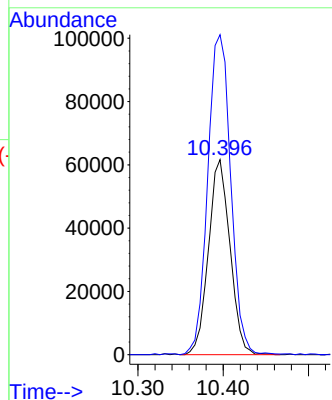
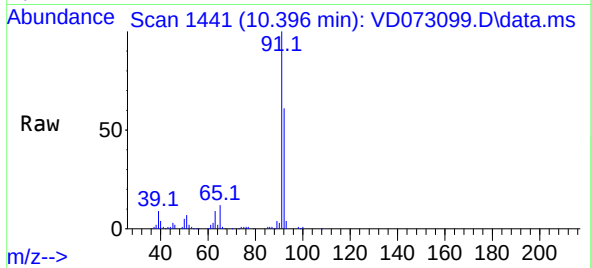




#52
Toluene
Concen: 10.062 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

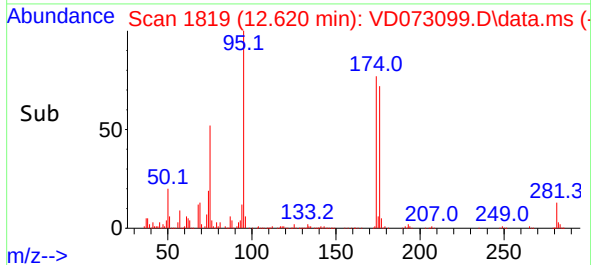
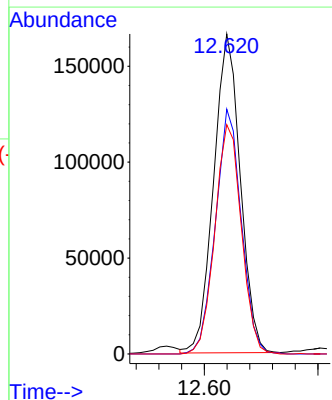
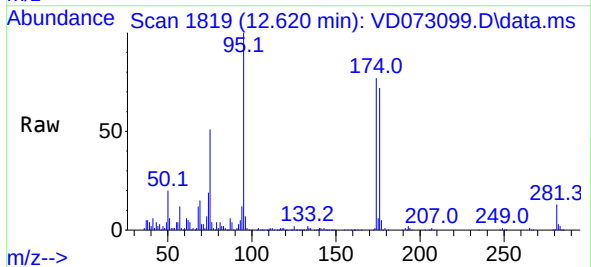
Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

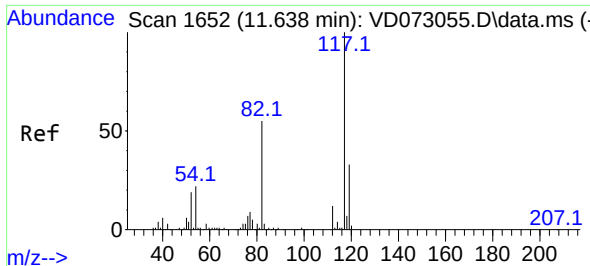
Tgt Ion: 92 Resp: 108233
Ion Ratio Lower Upper
92 100
91 175.4 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 56.639 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

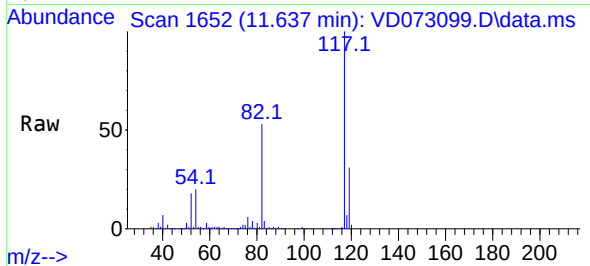
Tgt Ion: 95 Resp: 270629
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.8
176 71.5 0.0 145.4



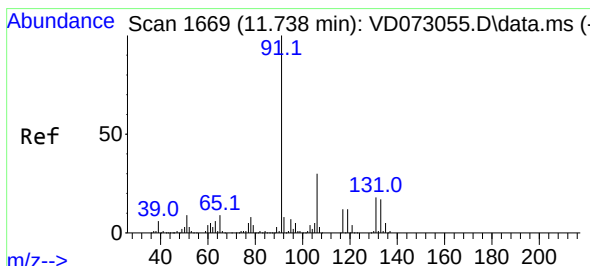
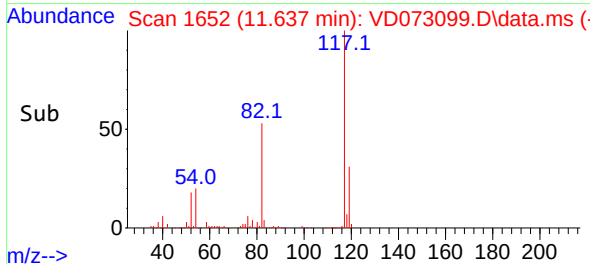
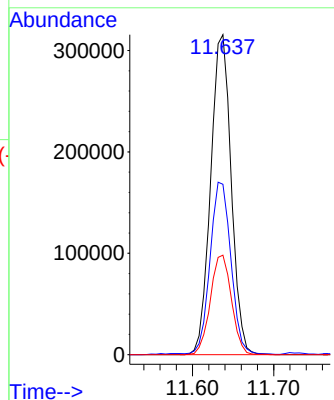


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :
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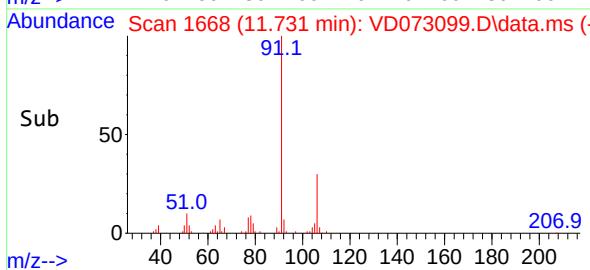
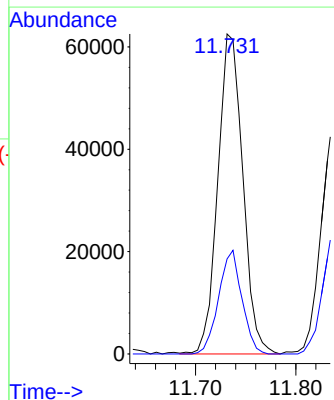
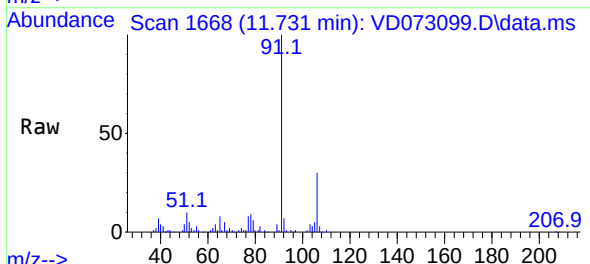


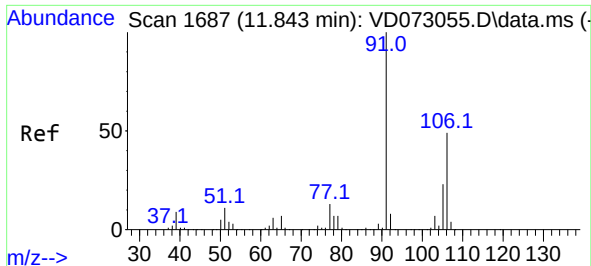
Tgt Ion:117 Resp: 554522
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 31.1 26.6 40.0



#67
Ethyl Benzene
Concen: 4.945 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

Tgt Ion: 91 Resp: 108263
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.4

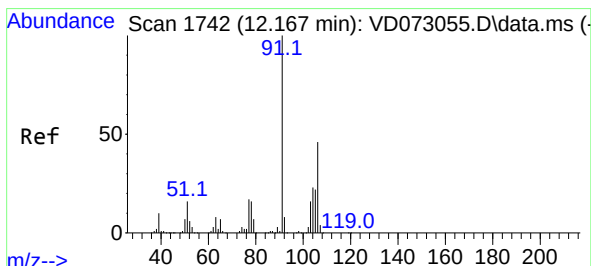
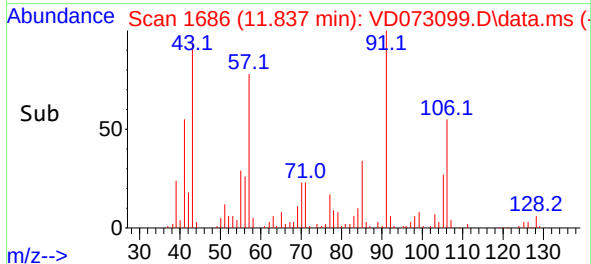
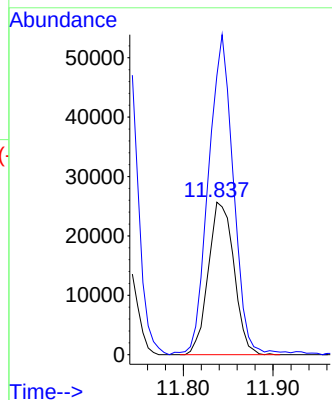
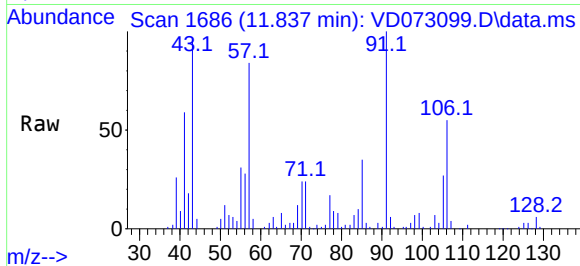




#68
m/p-Xylenes
Concen: 6.004 ug/l
RT: 11.837 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

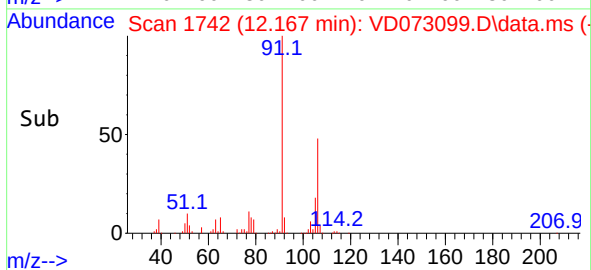
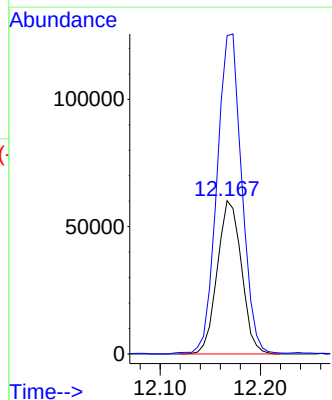
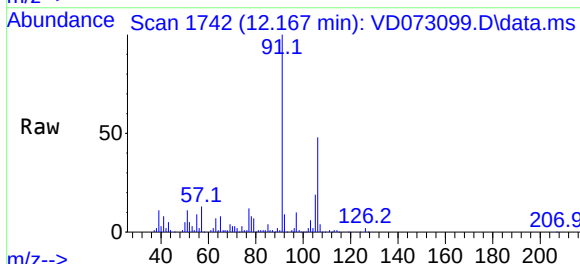
Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

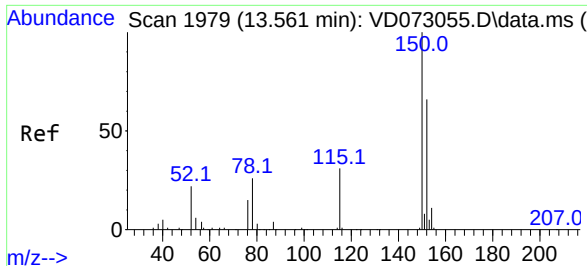
Tgt Ion:106 Resp: 50946
Ion Ratio Lower Upper
106 100
91 204.3 163.7 245.5



#69
o-Xylene
Concen: 12.879 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

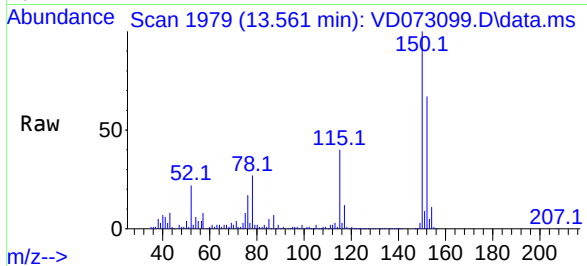
Tgt Ion:106 Resp: 100770
Ion Ratio Lower Upper
106 100
91 214.5 110.4 331.2



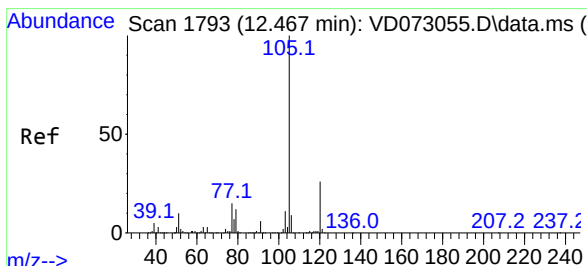
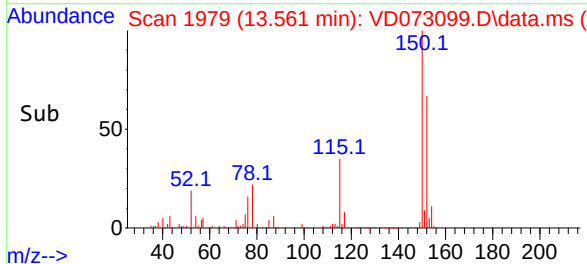
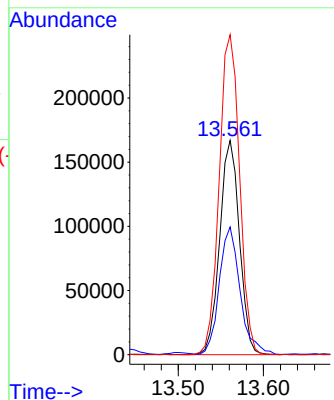


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

Instrument :
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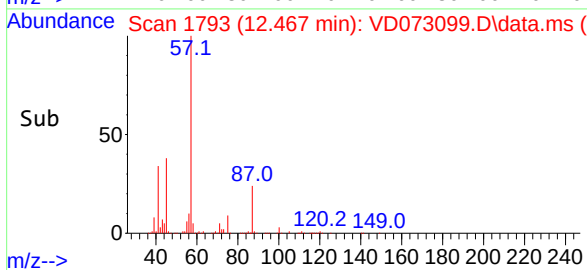
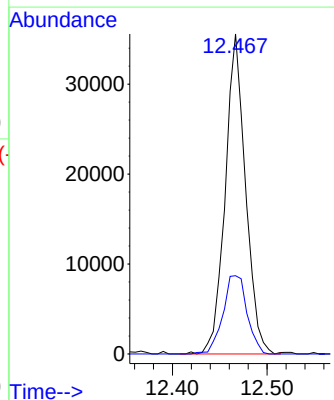
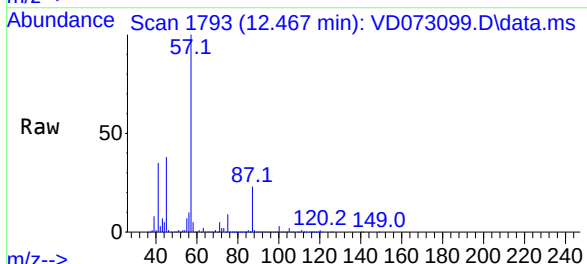


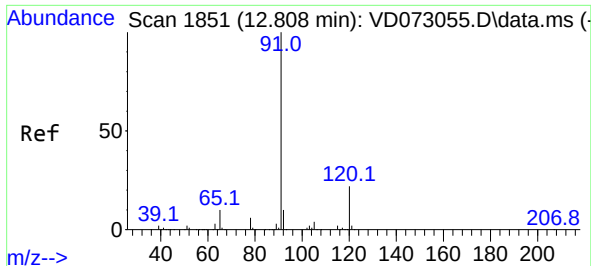
Tgt Ion:152 Resp: 269104
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 154.0 0.0 348.6



#73
Isopropylbenzene
Concen: 2.598 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

Tgt Ion:105 Resp: 52999
Ion Ratio Lower Upper
105 100
120 29.1 13.0 38.9

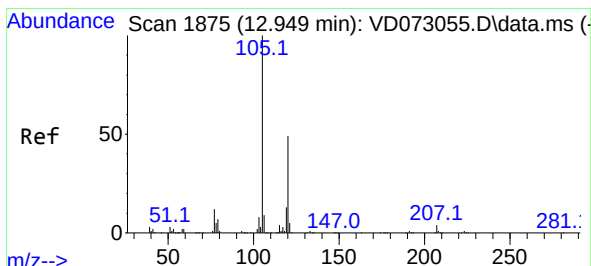
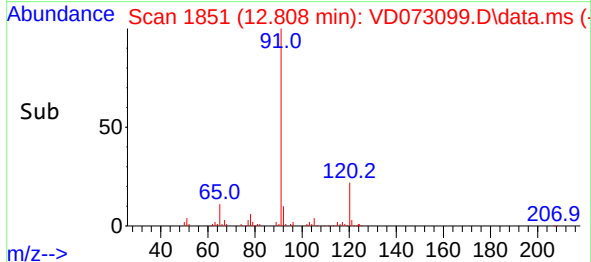
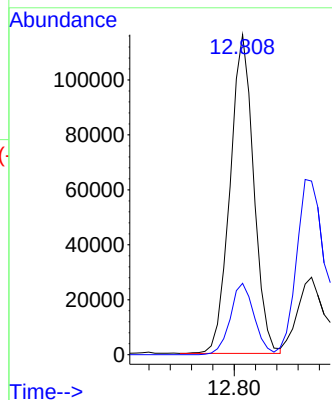
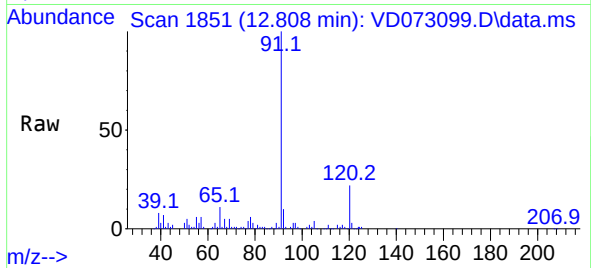




#78
n-propylbenzene
Concen: 6.985 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

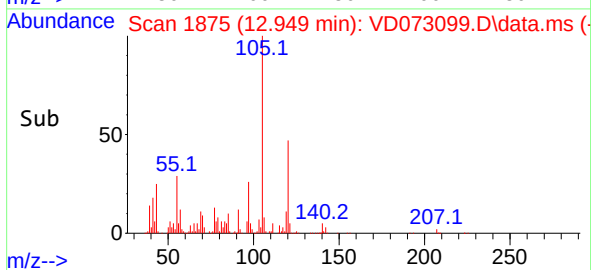
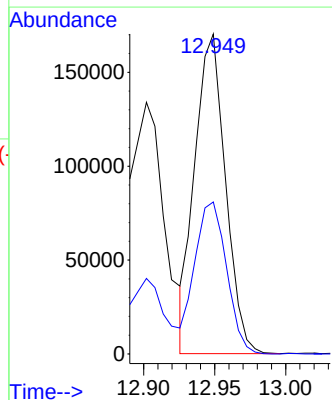
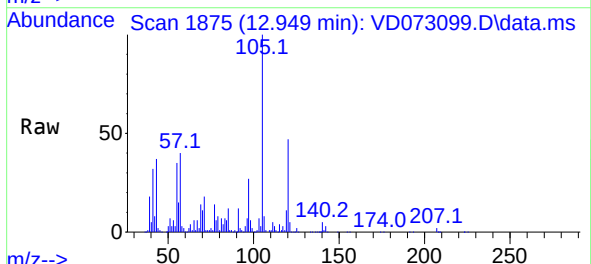
Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

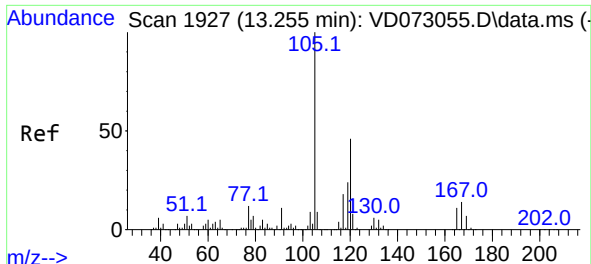
Tgt Ion: 91 Resp: 178914
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9



#80
1,3,5-Trimethylbenzene
Concen: 14.682 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

Tgt Ion: 105 Resp: 255136
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8

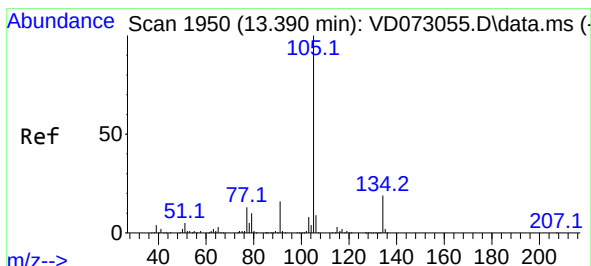
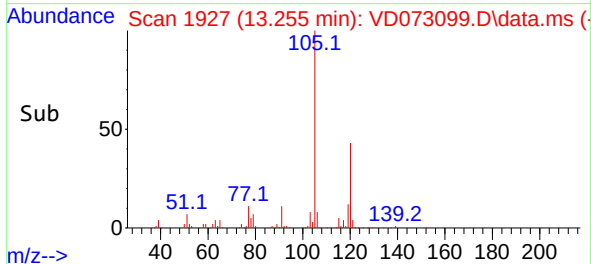
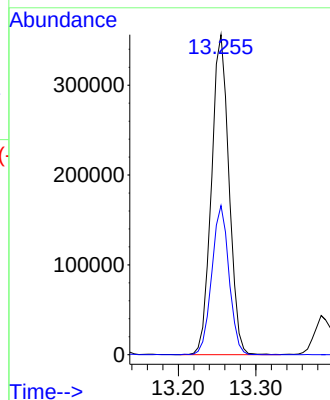
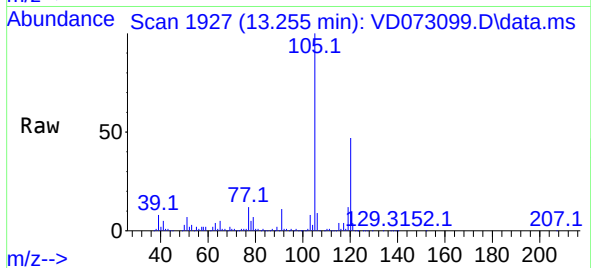




#84
1,2,4-Trimethylbenzene
Concen: 32.424 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

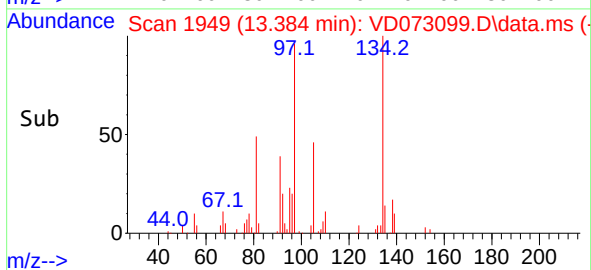
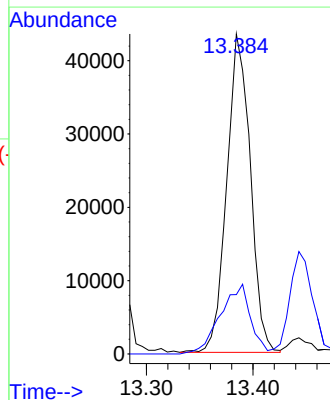
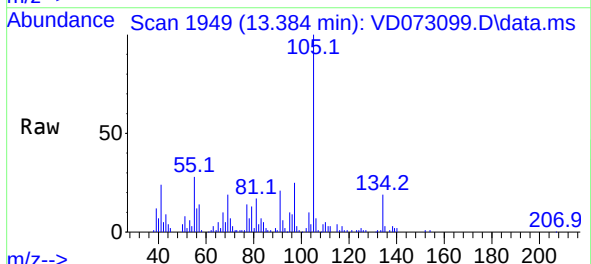
Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

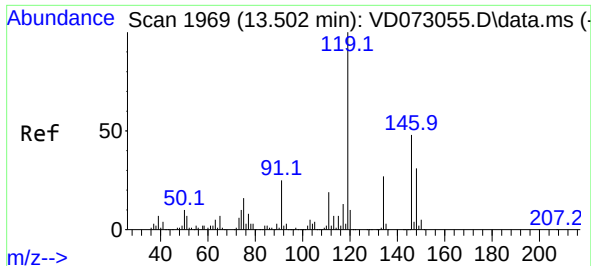
Tgt Ion:105 Resp: 560567
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8



#85
sec-Butylbenzene
Concen: 2.986 ug/l
RT: 13.384 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

Tgt Ion:105 Resp: 66719
Ion Ratio Lower Upper
105 100
134 28.0 9.8 29.3

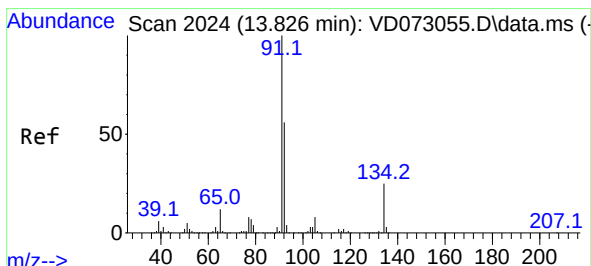
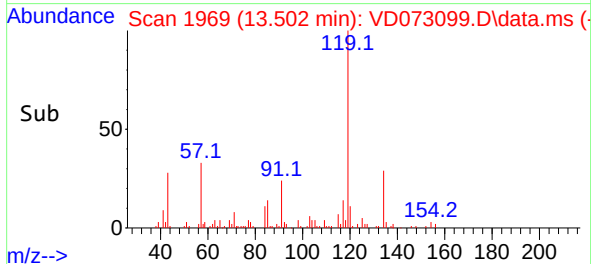
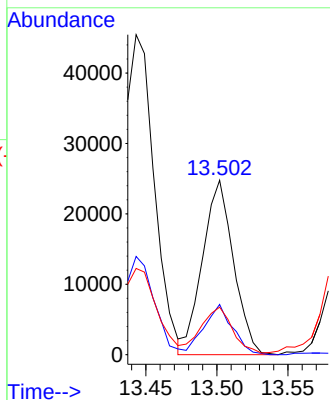
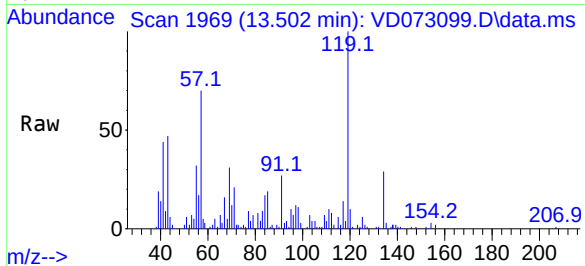




#86
p-Isopropyltoluene
Concen: 2.073 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

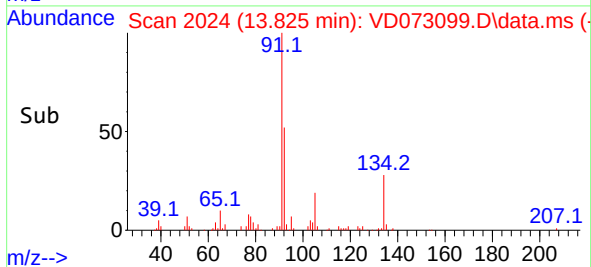
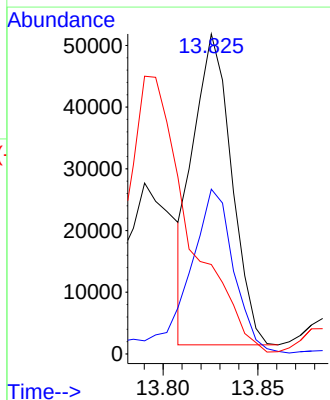
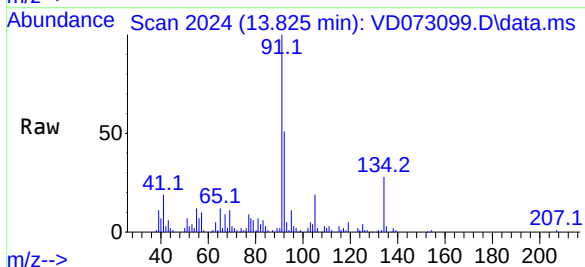
Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

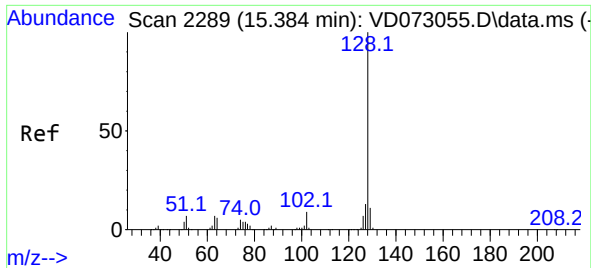
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.6
91	26.7	12.1	36.3



#89
n-Butylbenzene
Concen: 4.006 ug/l
RT: 13.825 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

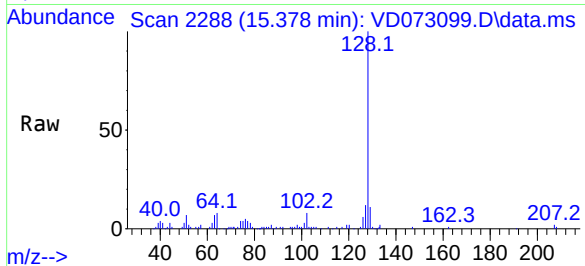
Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.4	26.6	79.8
134	0.0	12.3	36.9





#95
Naphthalene
Concen: 11.885 ug/l
RT: 15.378 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073099.D
Acq: 18 May 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :
BUR-1103



Tgt Ion:128 Resp: 87390
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 12.1 8.4 12.6

