

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073086.D
 Acq On : 18 May 2022 06:06
 Operator : VA/SY
 Sample : N2882-01
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SLP-2

Quant Time: May 18 06:23:45 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)

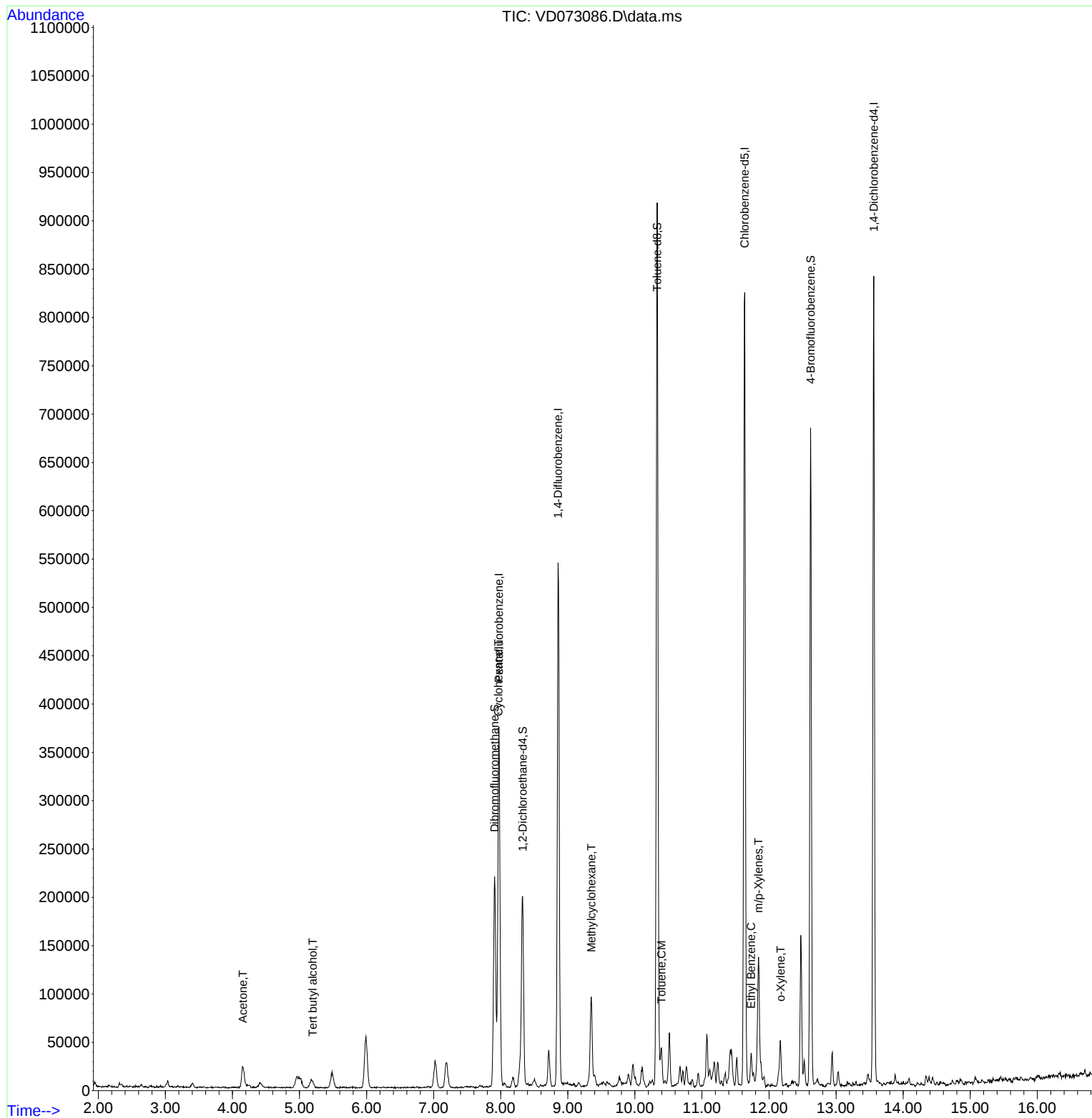
Internal Standards						
1) Pentafluorobenzene	7.973	168	254921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	467709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	486120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	217498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	155846	48.885	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.780%		
35) Dibromofluoromethane	7.909	113	157399	47.931	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.860%		
50) Toluene-d8	10.332	98	580974	48.767	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.540%		
62) 4-Bromofluorobenzene	12.620	95	224127	51.943	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.880%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.197	59	8023	16.270	ug/l #	74
16) Acetone	4.156	43	38992	67.588	ug/l #	89
31) Cyclohexane	7.967	56	9239	1.609	ug/l #	56
39) Methylcyclohexane	9.350	83	30657	4.914	ug/l	92
52) Toluene	10.397	92	15415	1.587	ug/l	99
67) Ethyl Benzene	11.732	91	19654	1.024	ug/l	98
68) m/p-Xylenes	11.844	106	29308	3.940	ug/l	98
69) o-Xylene	12.173	106	10902	1.589	ug/l	96

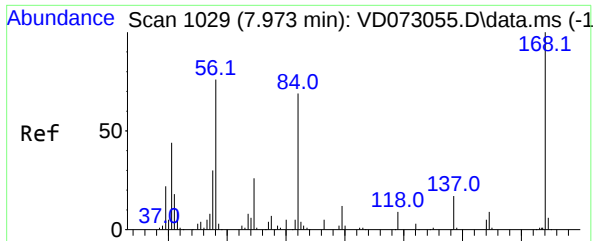
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
SLP-2

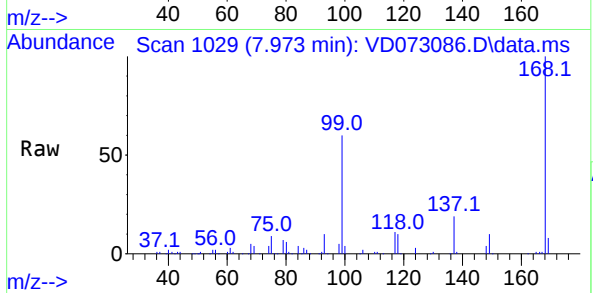
Quant Time: May 18 06:23:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration



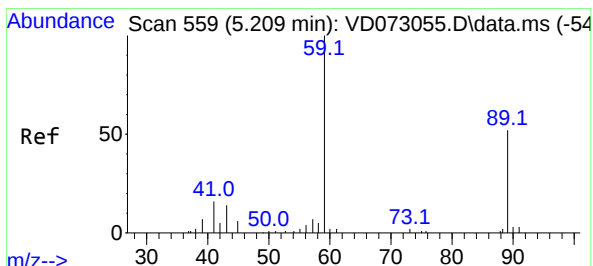
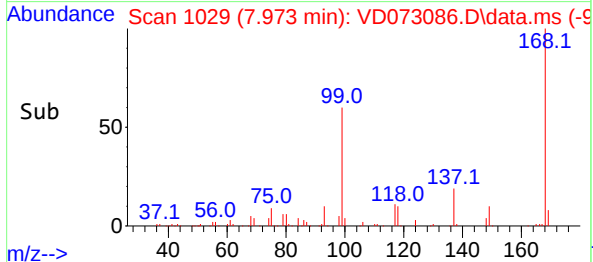
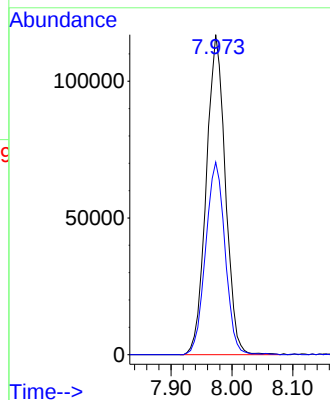


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073086.D
Acq: 18 May 2022 06:06

Instrument :
MSVOA_D
ClientSampleId :
SLP-2

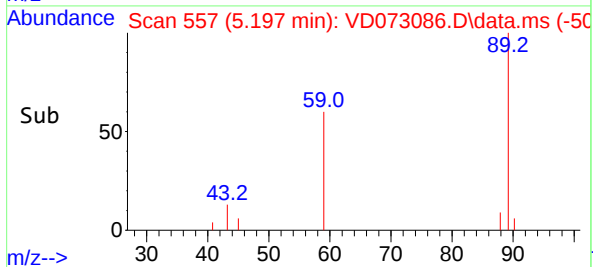
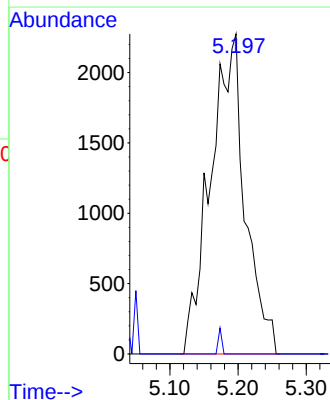
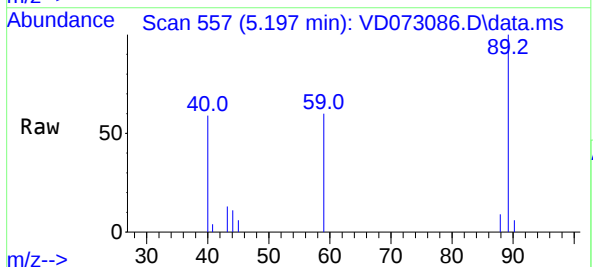


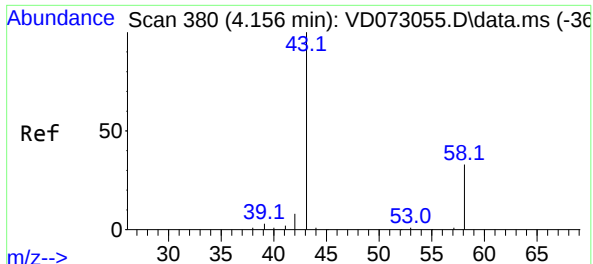
Tgt Ion:168 Resp: 254921
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#11
Tert butyl alcohol
Concen: 16.270 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.012 min
Lab File: VD073086.D
Acq: 18 May 2022 06:06

Tgt Ion: 59 Resp: 8023
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

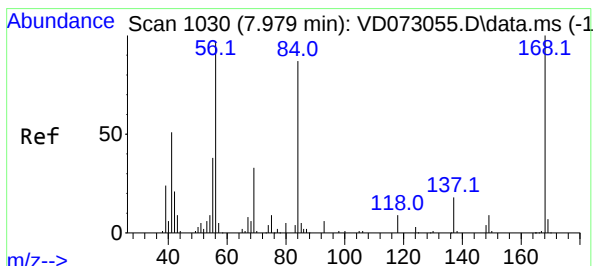
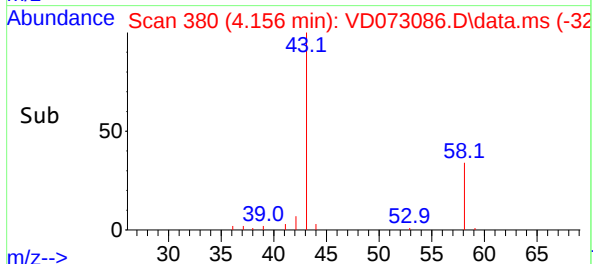
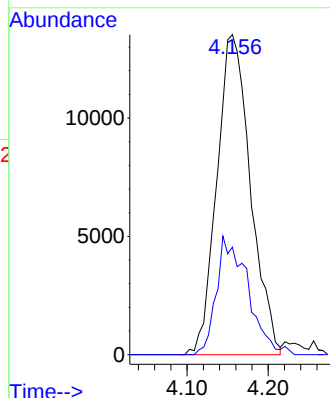
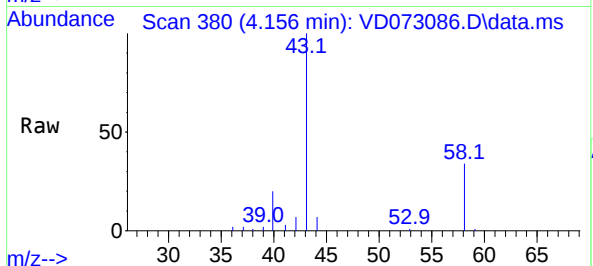




#16
Acetone
Concen: 67.588 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD073086.D
Acq: 18 May 2022 06:06

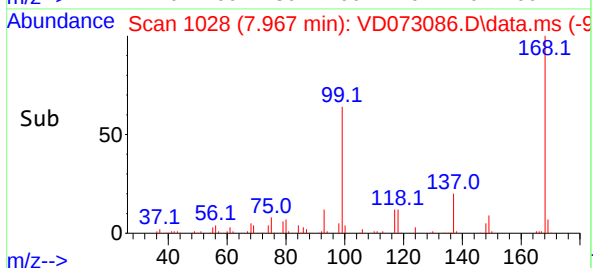
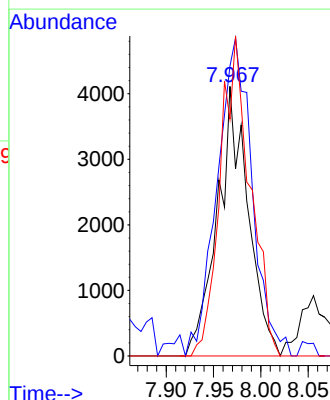
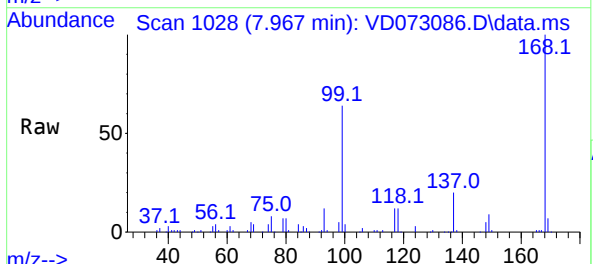
Instrument :
MSVOA_D
ClientSampleId :
SLP-2

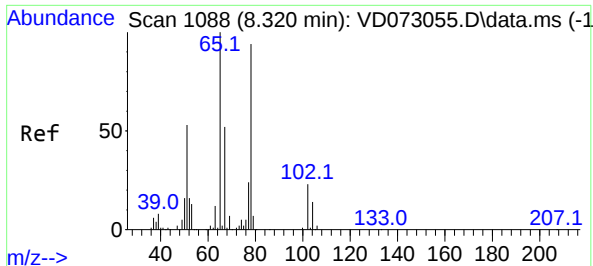
Tgt Ion: 43 Resp: 38992
Ion Ratio Lower Upper
43 100
58 33.6 22.1 33.1#



#31
Cyclohexane
Concen: 1.609 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073086.D
Acq: 18 May 2022 06:06

Tgt Ion: 56 Resp: 9239
Ion Ratio Lower Upper
56 100
69 102.2 25.4 38.2#
84 87.9 63.0 94.4

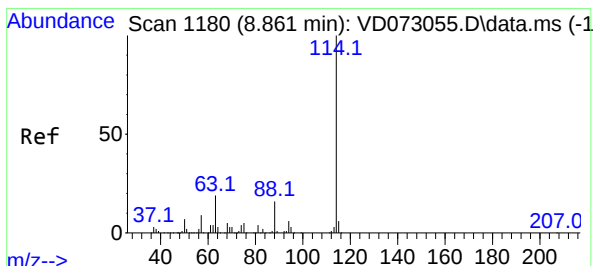
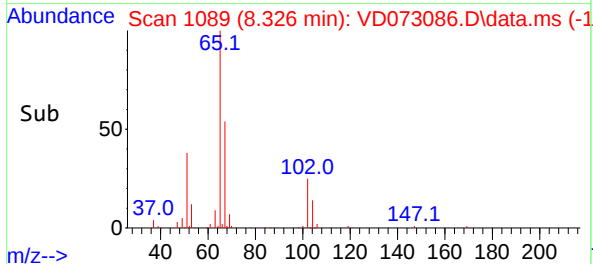
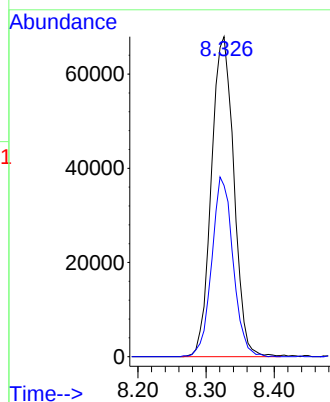
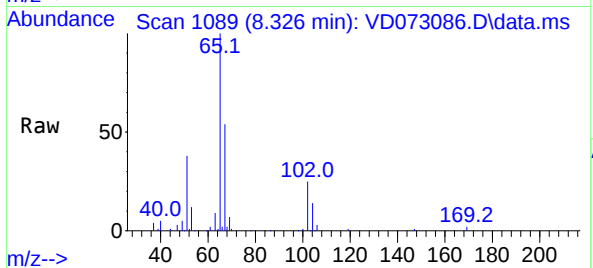




#33
1,2-Dichloroethane-d4
Concen: 48.885 ug/l
RT: 8.326 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD073086.D
Acq: 18 May 2022 06:06

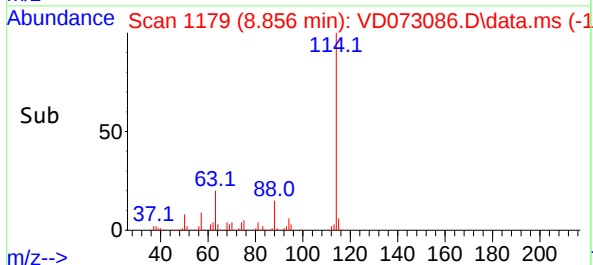
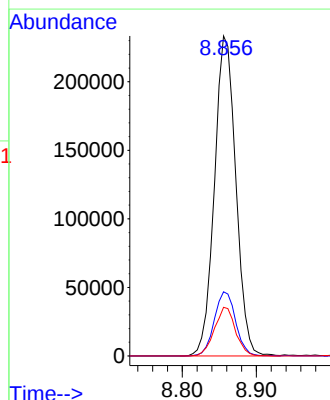
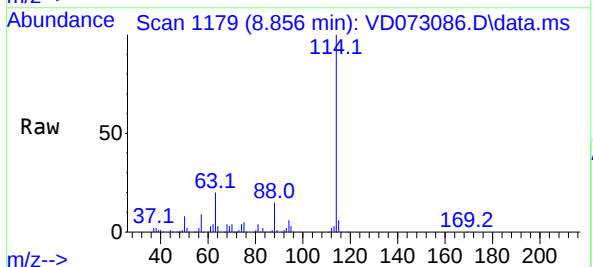
Instrument :
MSVOA_D
ClientSampleId :
SLP-2

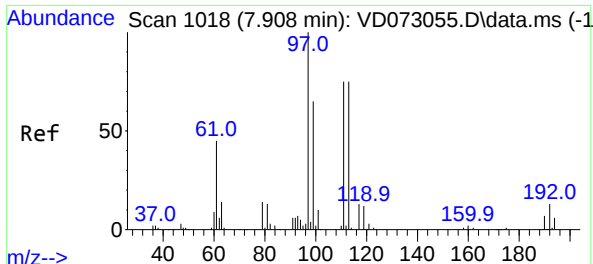
Tgt Ion: 65 Resp: 155846
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073086.D
Acq: 18 May 2022 06:06

Tgt Ion: 114 Resp: 467709
Ion Ratio Lower Upper
114 100
63 20.1 0.0 46.6
88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.931 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073086.D

Acq: 18 May 2022 06:06

Instrument :

MSVOA_D

ClientSampleId :

SLP-2

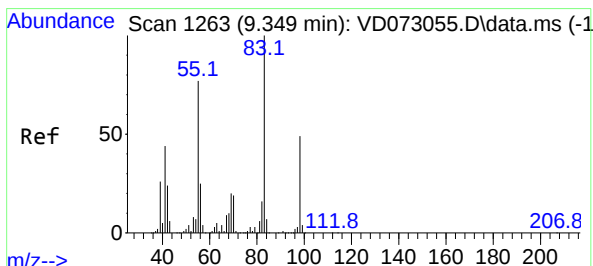
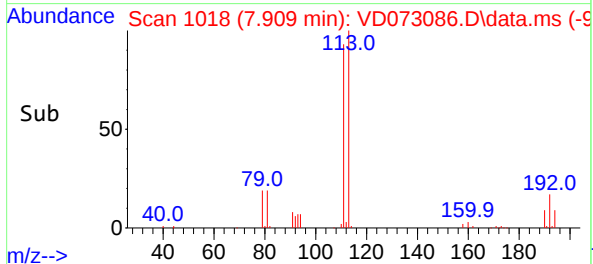
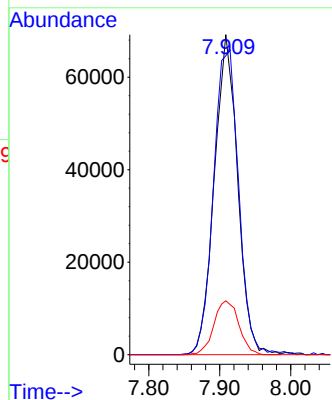
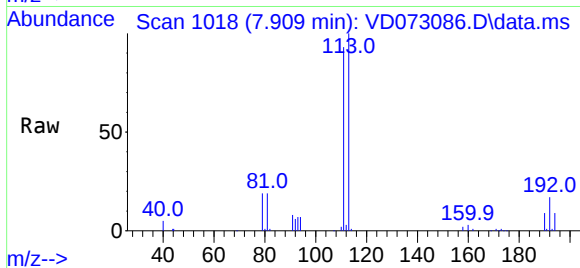
Tgt Ion:113 Resp: 157399

Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.0 14.6 21.8



#39

Methylcyclohexane

Concen: 4.914 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VD073086.D

Acq: 18 May 2022 06:06

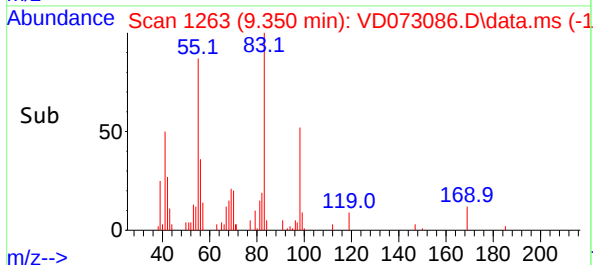
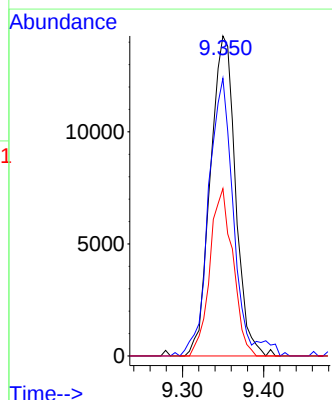
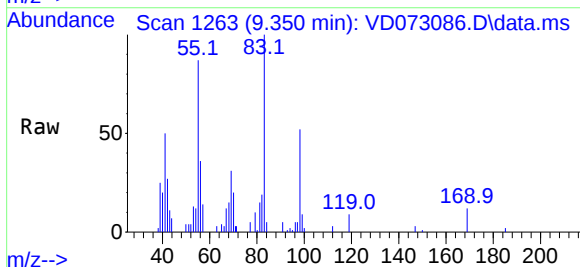
Tgt Ion: 83 Resp: 30657

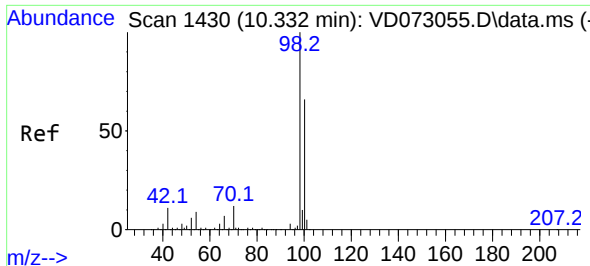
Ion Ratio Lower Upper

83 100

55 86.8 63.2 94.8

98 52.3 38.2 57.4

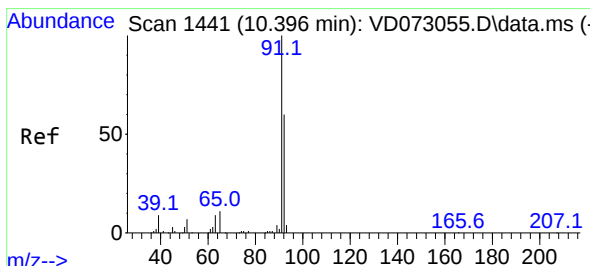
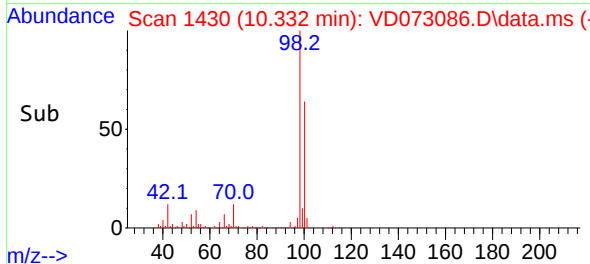
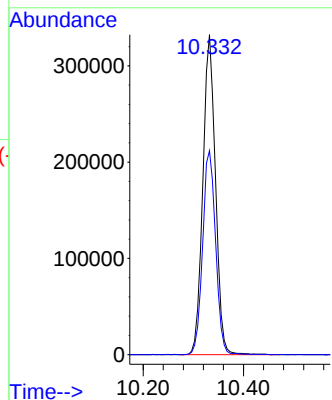
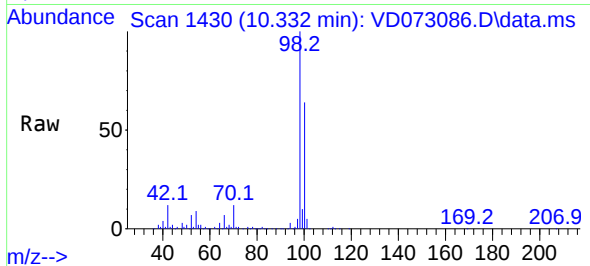




#50
Toluene-d8
Concen: 48.767 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073086.D
Acq: 18 May 2022 06:06

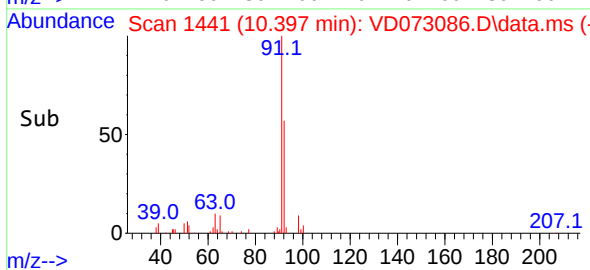
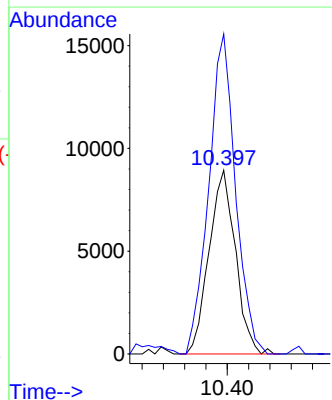
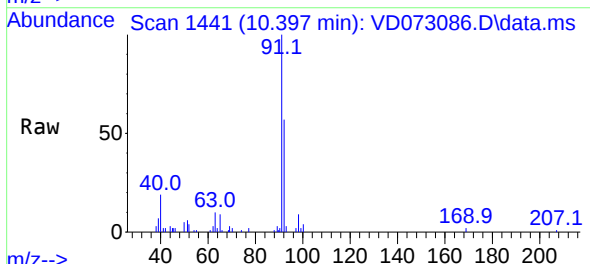
Instrument :
MSVOA_D
ClientSampleId :
SLP-2

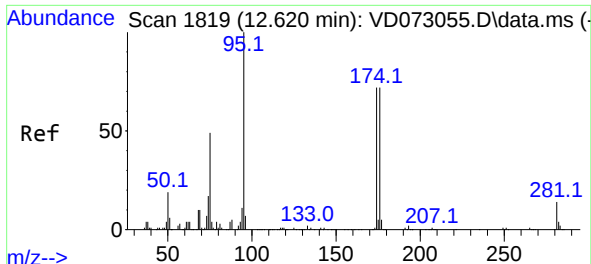
Tgt Ion: 98 Resp: 580974
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#52
Toluene
Concen: 1.587 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073086.D
Acq: 18 May 2022 06:06

Tgt Ion: 92 Resp: 15415
Ion Ratio Lower Upper
92 100
91 176.2 139.6 209.4

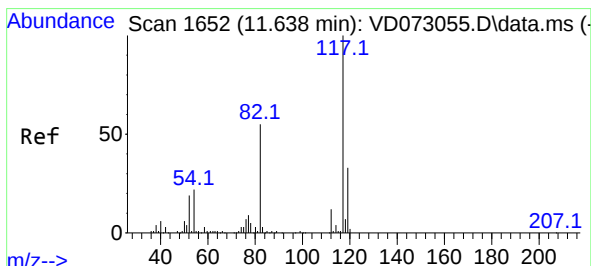
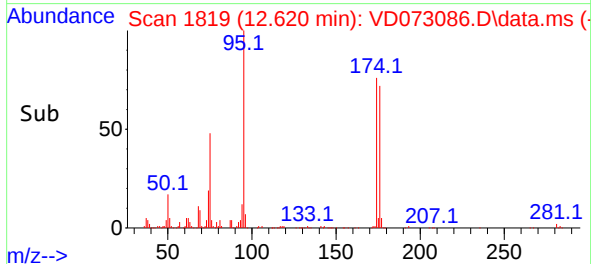
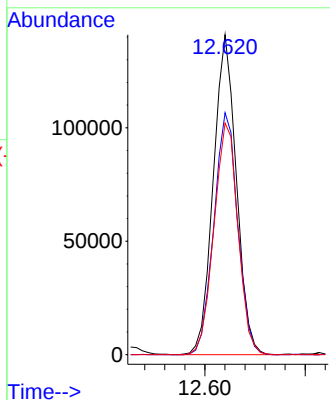
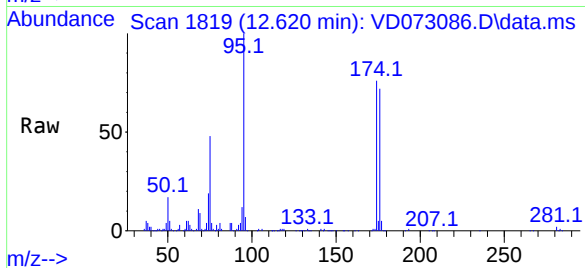




#62
4-Bromofluorobenzene
Concen: 51.943 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073086.D
Acq: 18 May 2022 06:06

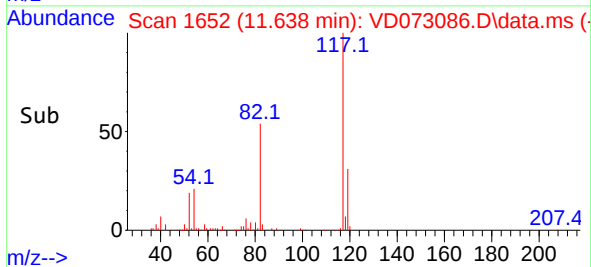
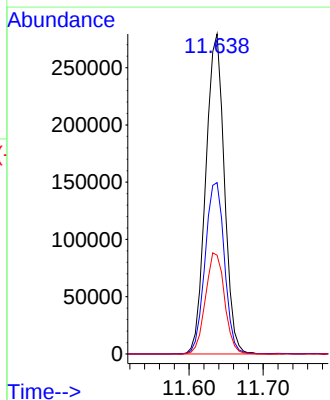
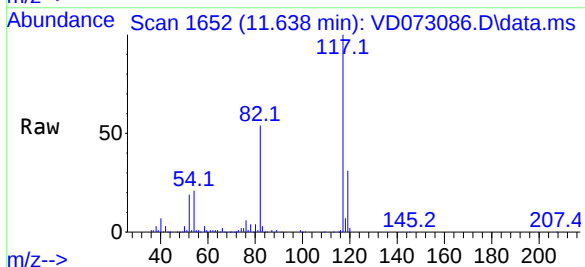
Instrument :
MSVOA_D
ClientSampleId :
SLP-2

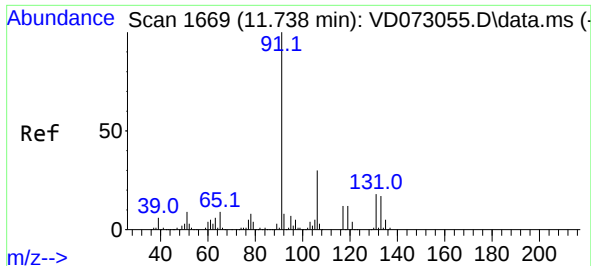
Tgt Ion: 95 Resp: 224127
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 75.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073086.D
Acq: 18 May 2022 06:06

Tgt Ion: 117 Resp: 486120
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 30.8 26.6 40.0





#67

Ethyl Benzene

Concen: 1.024 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073086.D

Acq: 18 May 2022 06:06

Instrument :

MSVOA_D

ClientSampleId :

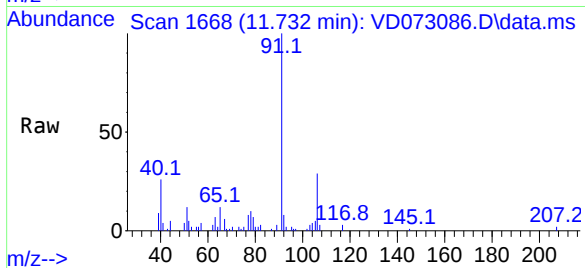
SLP-2

Tgt Ion: 91 Resp: 19654

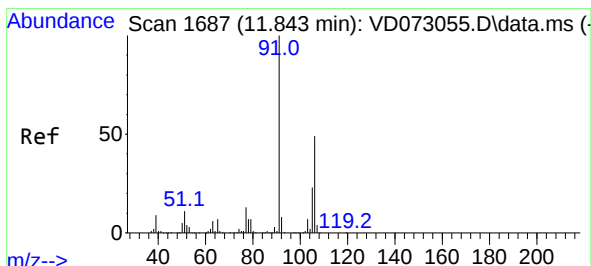
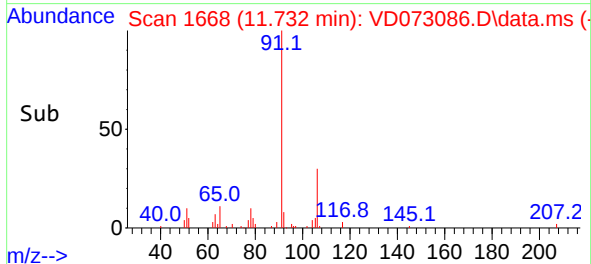
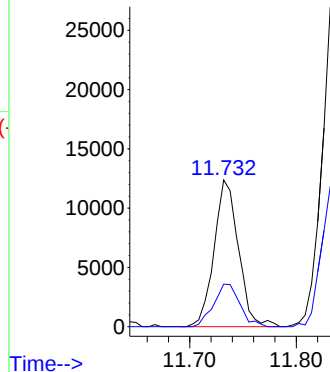
Ion Ratio Lower Upper

91 100

106 29.0 24.2 36.4



Abundance



#68

m/p-Xylenes

Concen: 3.940 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD073086.D

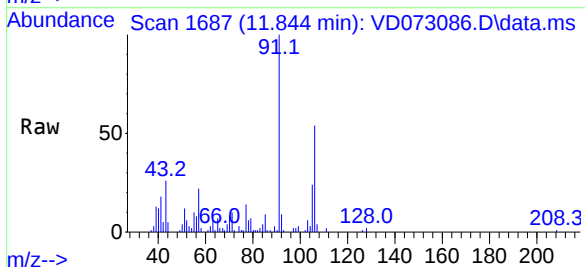
Acq: 18 May 2022 06:06

Tgt Ion:106 Resp: 29308

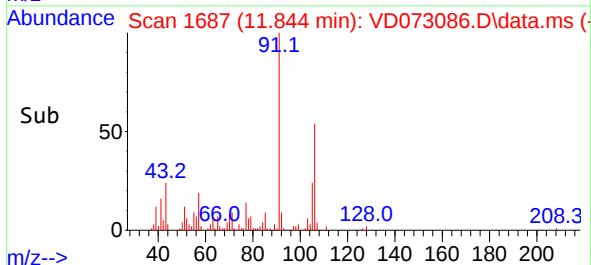
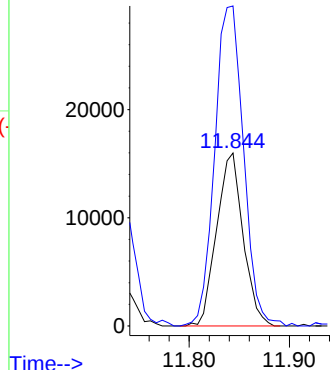
Ion Ratio Lower Upper

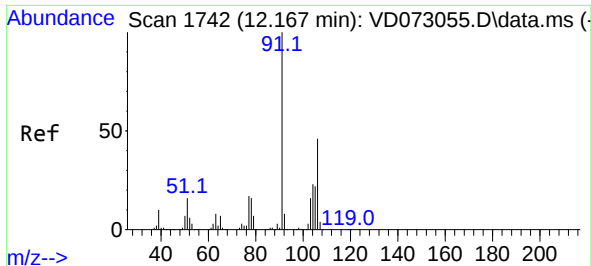
106 100

91 201.5 163.7 245.5



Abundance

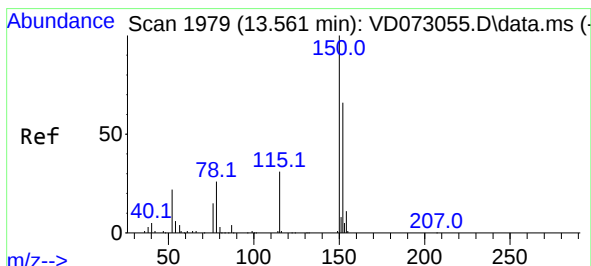
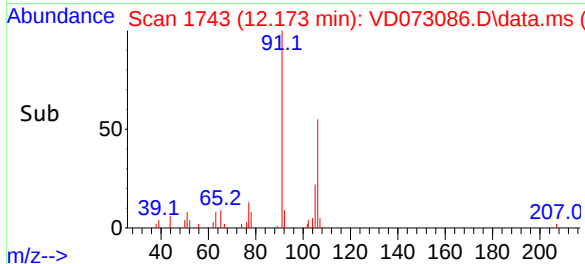
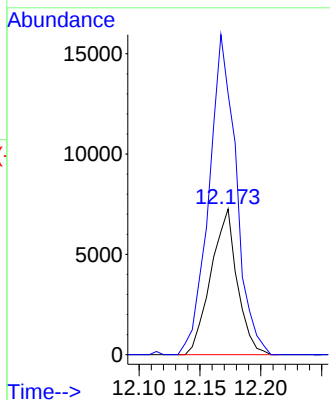
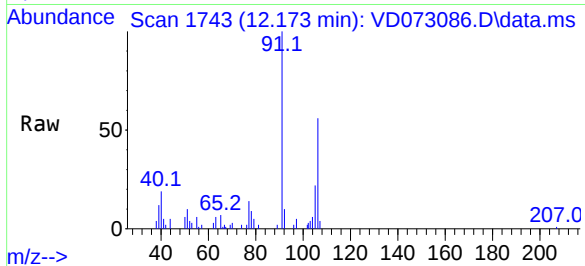




#69
o-Xylene
Concen: 1.589 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073086.D
Acq: 18 May 2022 06:06

Instrument :
MSVOA_D
ClientSampleId :
SLP-2

Tgt Ion:106 Resp: 10902
Ion Ratio Lower Upper
106 100
91 227.6 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073086.D
Acq: 18 May 2022 06:06

Tgt Ion:152 Resp: 217498
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 160.8 0.0 348.6

