

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072909.D
 Acq On : 10 May 2022 12:44
 Operator : VA/SY
 Sample : N2717-01
 Misc : 4.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 24702

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 11 05:49:44 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	311016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	612337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	538933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	156449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	201777	49.979	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.960%		
35) Dibromofluoromethane	7.908	113	205999	47.901	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.800%		
50) Toluene-d8	10.332	98	685383	44.429	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.860%		
62) 4-Bromofluorobenzene	12.620	95	217051	37.734	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	75.460%		
Target Compounds						
11) Tert butyl alcohol	5.197	59	17727m	50.749	ug/l	Qvalue

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

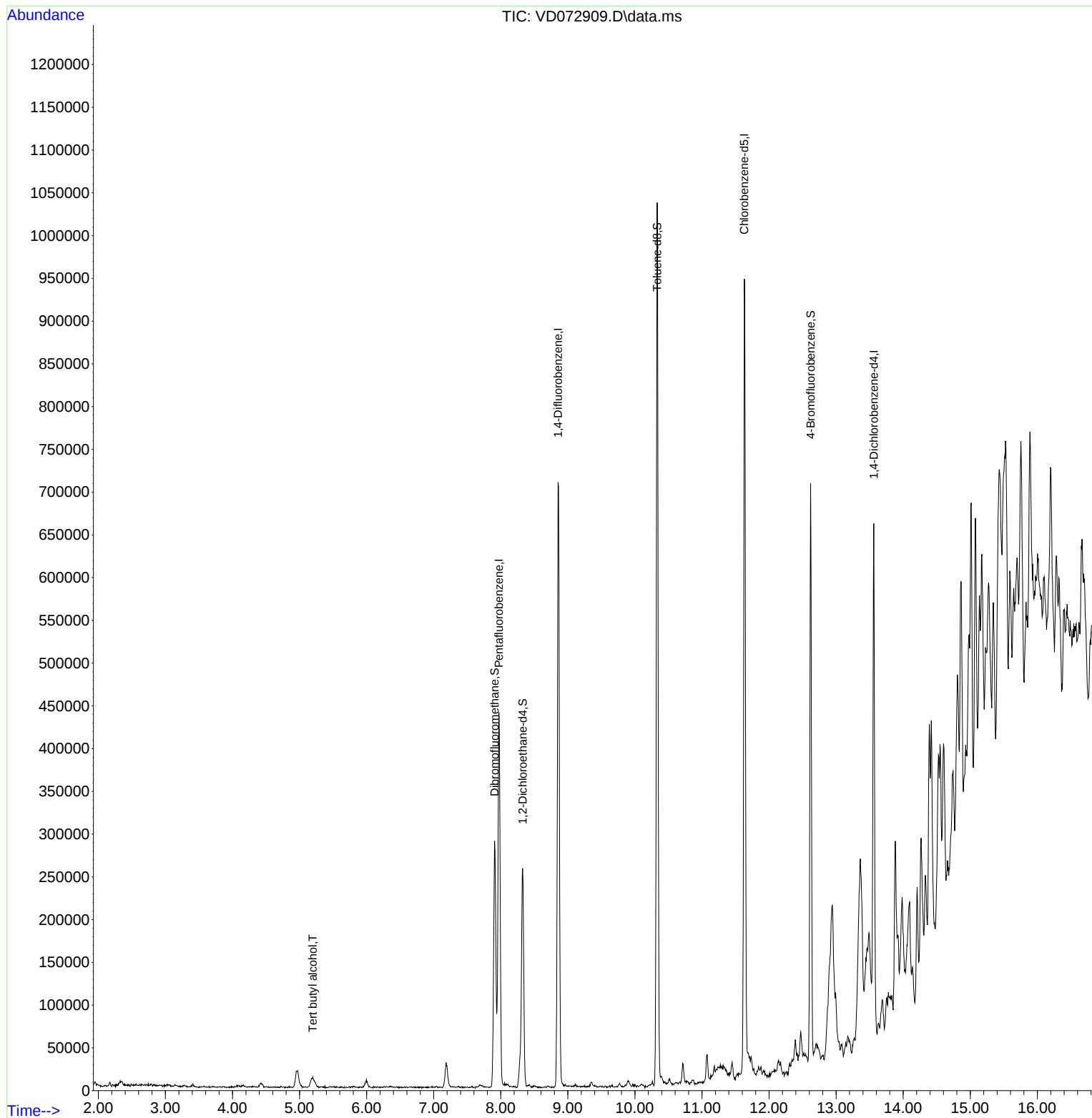
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
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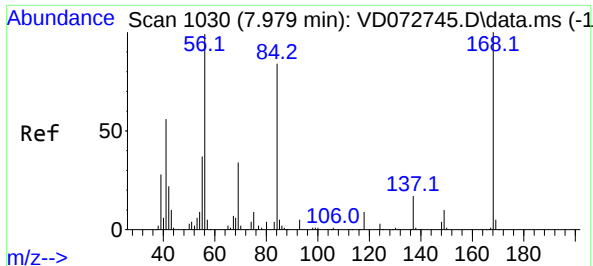
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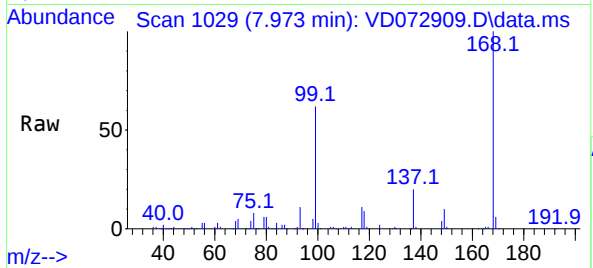
Quant Time: May 11 05:49:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

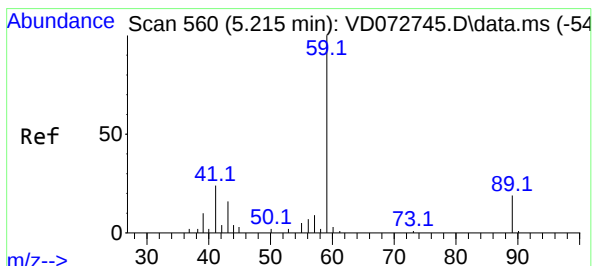
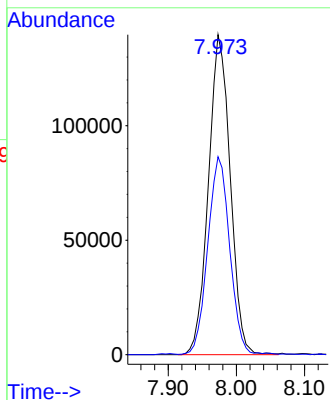
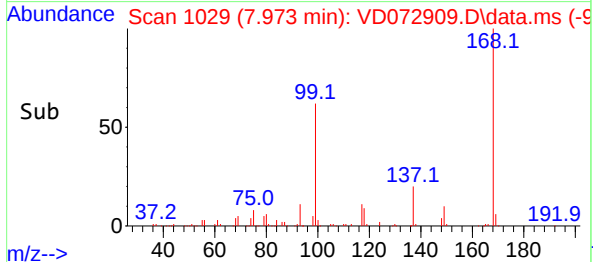
Instrument :
MSVOA_D
ClientSampleId :
24702



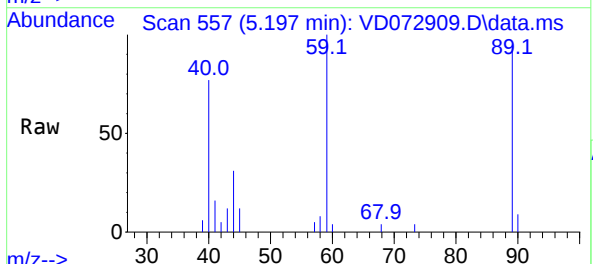
Tgt Ion:168 Resp: 311010
Ion Ratio Lower Upper
168 100
99 61.7 49.8 74.6

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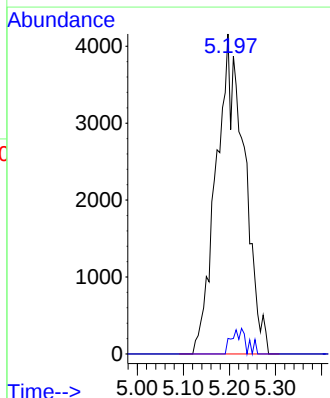
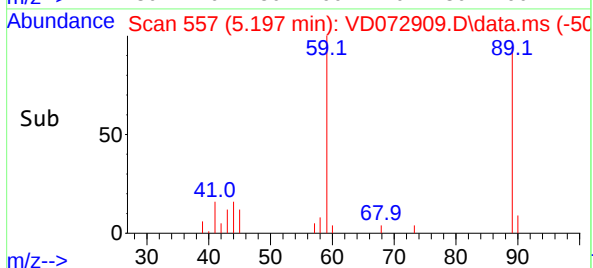
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

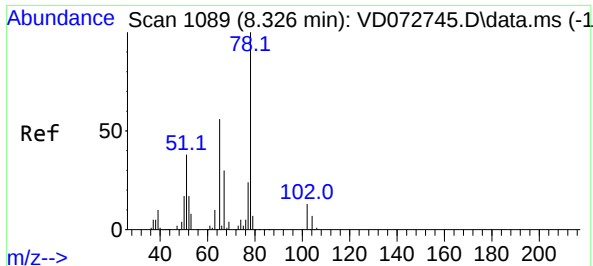


#11
Tert butyl alcohol
Concen: 50.749 ug/l m
RT: 5.197 min Scan# 557
Delta R.T. -0.018 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44



Tgt Ion: 59 Resp: 17727
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#33

1,2-Dichloroethane-d4

Concen: 49.979 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072909.D

Acq: 10 May 2022 12:44

Instrument :

MSVOA_D

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24702

Tgt Ion: 65 Resp: 20177

Ion Ratio Lower Upper

65 100

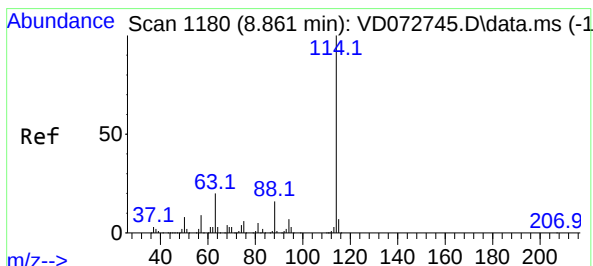
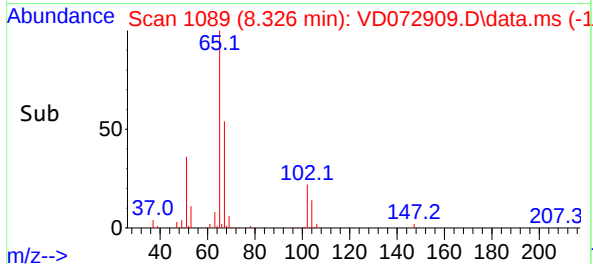
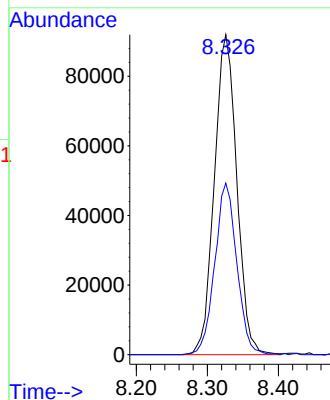
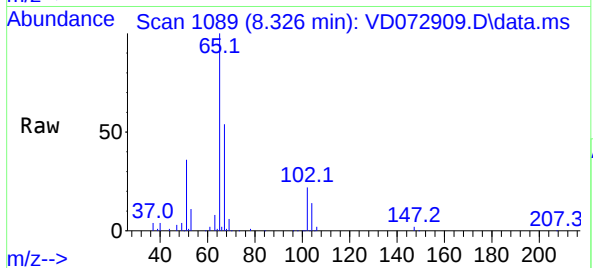
67 52.6 0.0 101.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072909.D

Acq: 10 May 2022 12:44

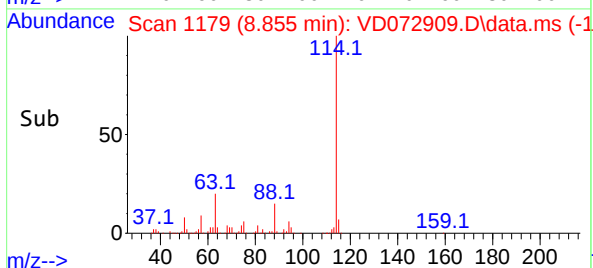
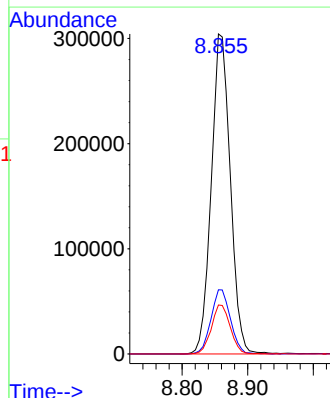
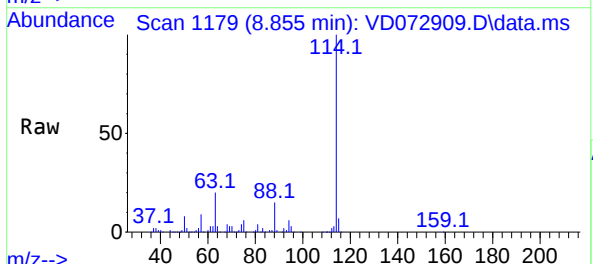
Tgt Ion:114 Resp: 612337

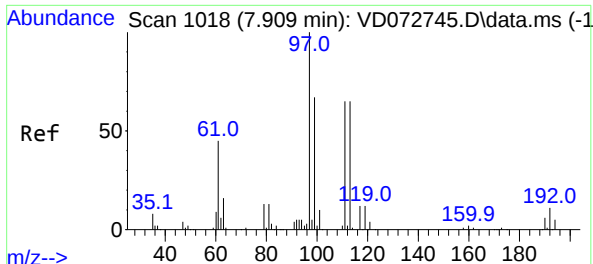
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

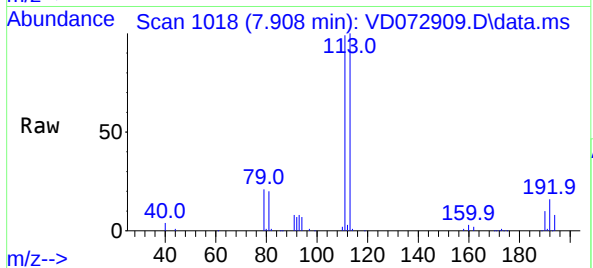
88 15.3 0.0 33.2





#35
Dibromofluoromethane
Concen: 47.901 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

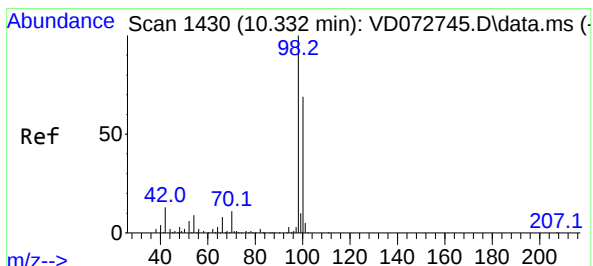
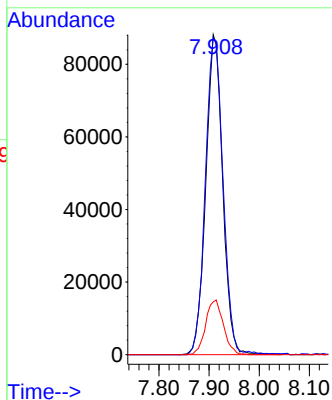
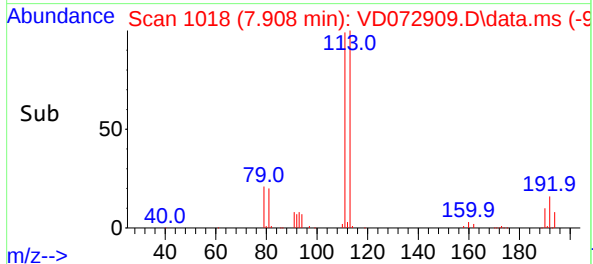
Instrument :
MSVOA_D
ClientSampleId :
24702



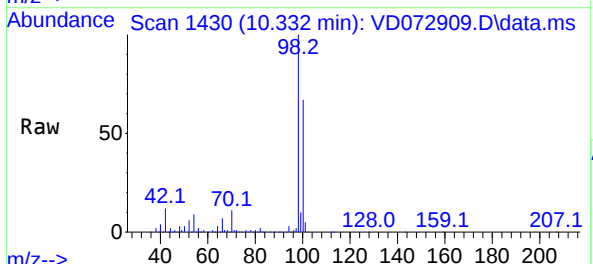
Tgt Ion:113 Resp: 205999
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.0 14.6 21.8

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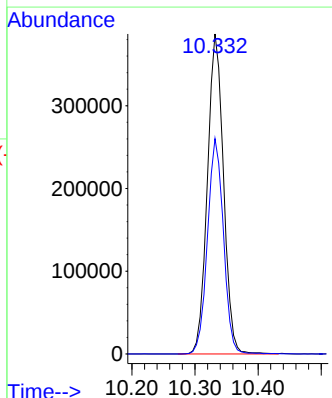
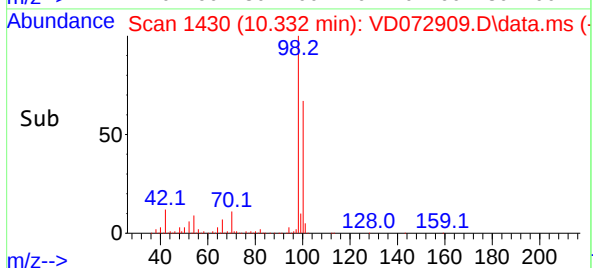
Reviewed By :John Carlone 05/11/2022
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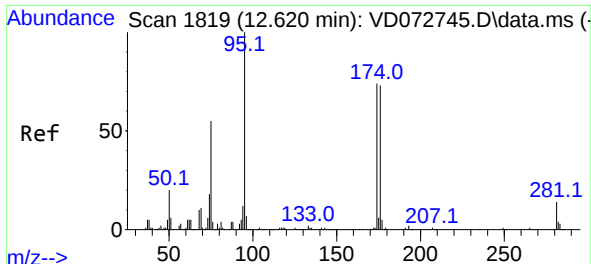


#50
Toluene-d8
Concen: 44.429 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44



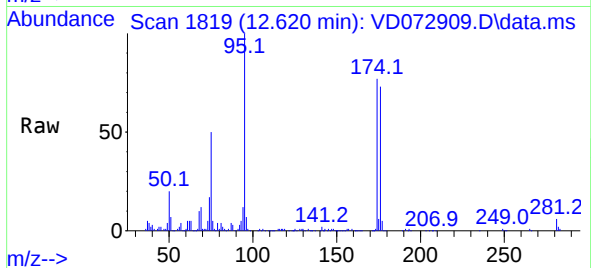
Tgt Ion: 98 Resp: 685383
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6





#62
4-Bromofluorobenzene
Concen: 37.734 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44

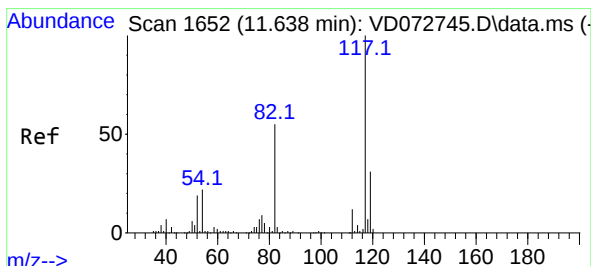
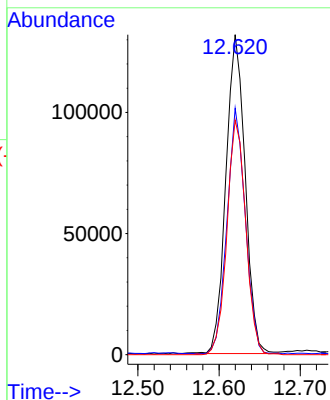
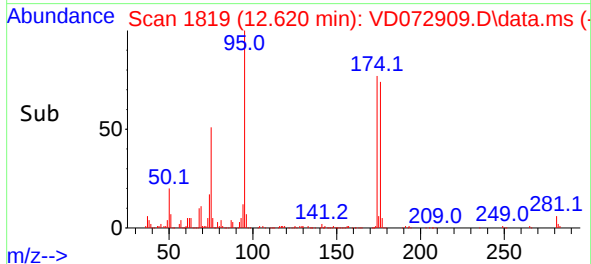
Instrument :
MSVOA_D
ClientSampleId :
24702



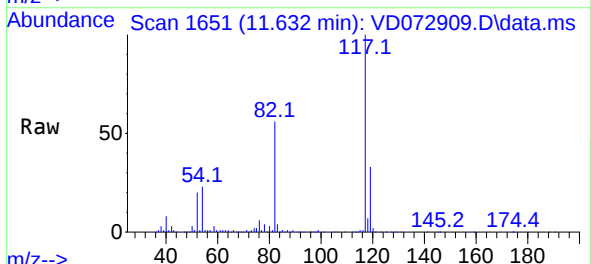
Tgt Ion: 95 Resp: 21705
Ion Ratio Lower Upper
95 100
174 73.9 0.0 152.8
176 71.9 0.0 145.4

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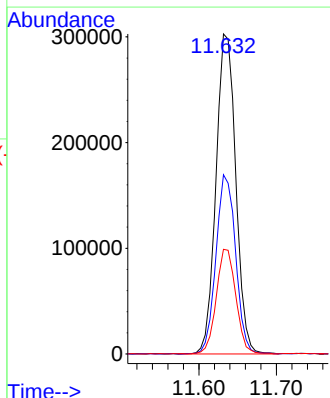
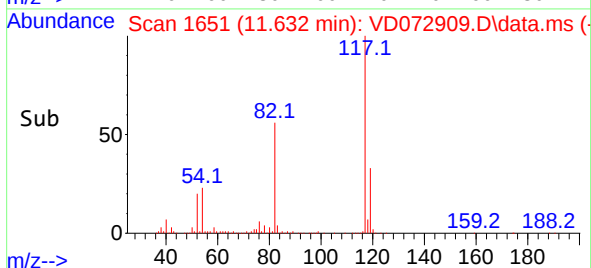
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

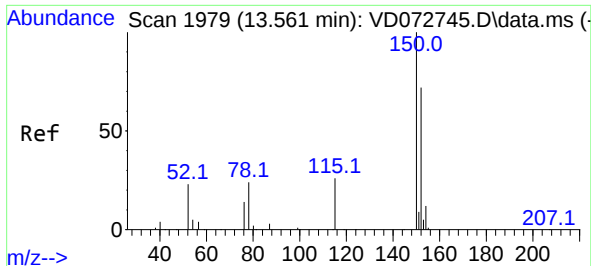


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072909.D
Acq: 10 May 2022 12:44



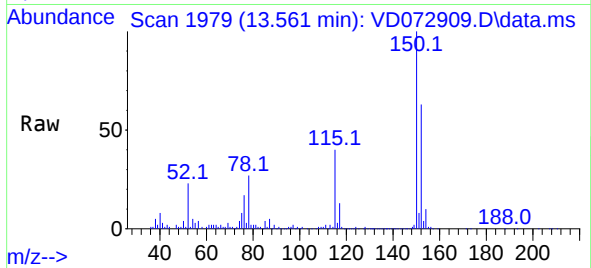
Tgt Ion:117 Resp: 538933
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 32.6 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD072909.D
 Acq: 10 May 2022 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:152 Resp: 156449
 Ion Ratio Lower Upper
 152 100
 115 59.2 31.3 93.8
 150 151.4 0.0 348.6

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