

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076865.D
 Acq On : 28 Jul 2023 20:14
 Operator : KP/SY
 Sample : 03787-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KINGSLAND-SUB-T2

Quant Time: Jul 28 23:08:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	151404	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	287132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	259273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76052	50.431	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.860%			
35) Dibromofluoromethane	7.804	113	94136	52.171	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.340%			
50) Toluene-d8	10.269	98	348639	54.012	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.020%			
62) 4-Bromofluorobenzene	12.575	95	96385	46.158	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.320%			
Target Compounds						Qvalue
16) Acetone	4.028	43	4525m	12.564	ug/l	

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

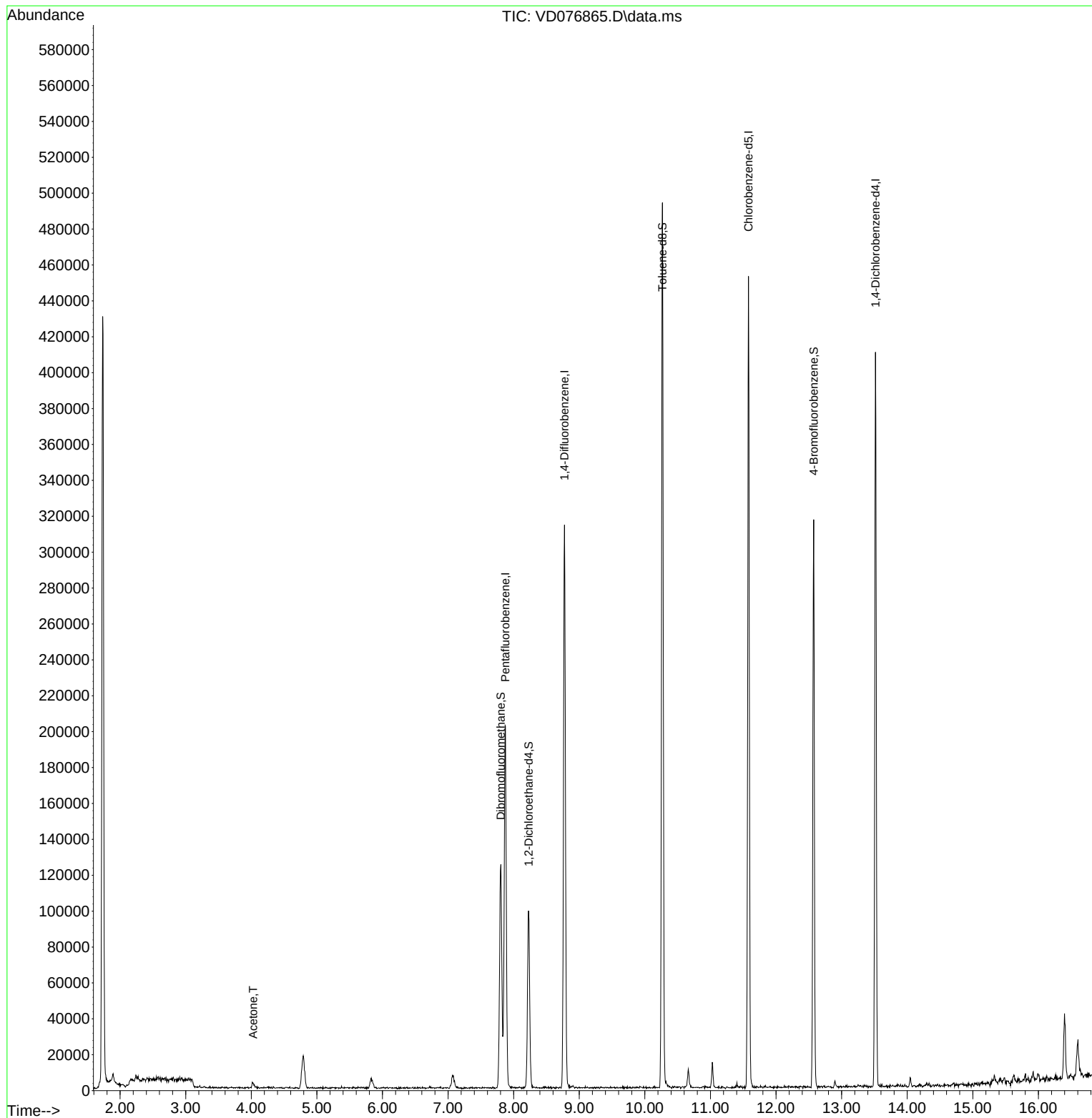
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
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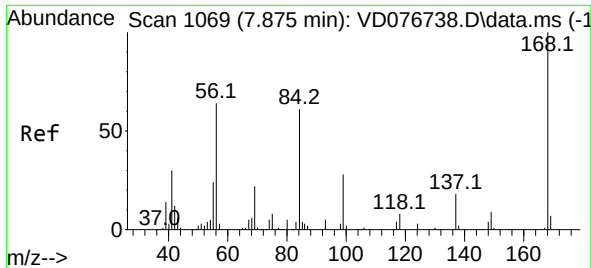
Instrument :
MSVOA_D
ClientSampleId :
KINGSLAND-SUB-T2

Quant Time: Jul 28 23:08:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
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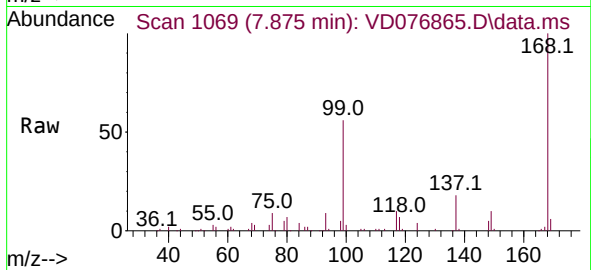
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076865.D
Acq: 28 Jul 2023 20:14

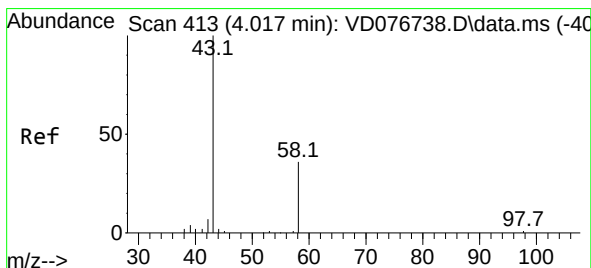
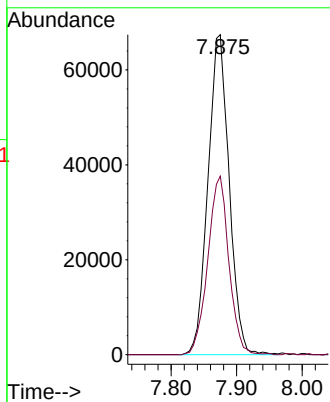
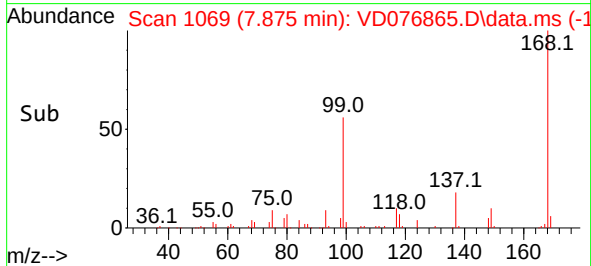
Instrument :
MSVOA_D
ClientSampleId :
KINGSLAND-SUB-T2



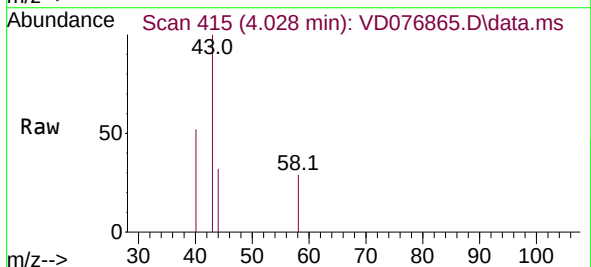
Tgt Ion:168 Resp: 151404
Ion Ratio Lower Upper
168 100
99 55.8 36.7 55.1

Manual Integrations
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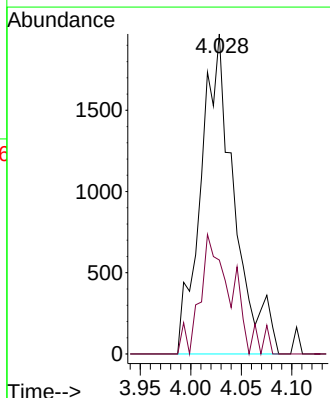
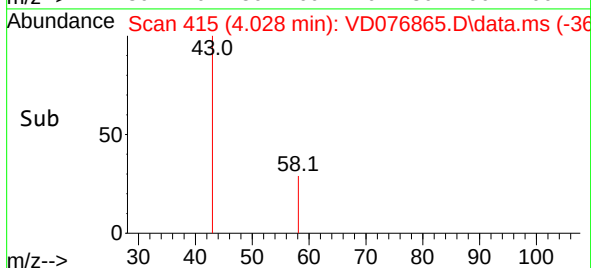
Reviewed By :John Carlone 07/31/2023
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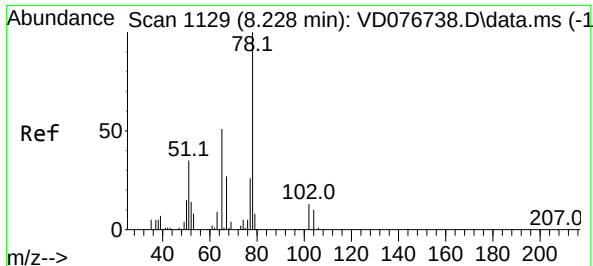


#16
Acetone
Concen: 12.564 ug/l m
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076865.D
Acq: 28 Jul 2023 20:14



Tgt Ion: 43 Resp: 4525
Ion Ratio Lower Upper
43 100
58 29.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.431 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076865.D

Acq: 28 Jul 2023 20:14

Instrument :

MSVOA_D

ClientSampleId :

KINGSLAND-SUB-T2

Tgt Ion: 65 Resp: 76052

Ion Ratio Lower Upper

65 100

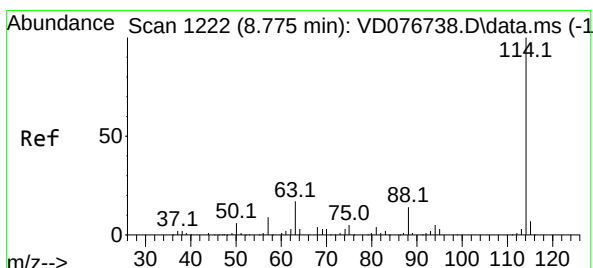
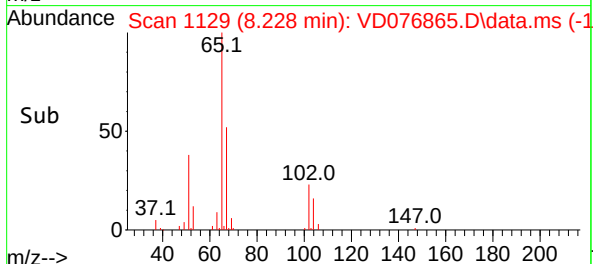
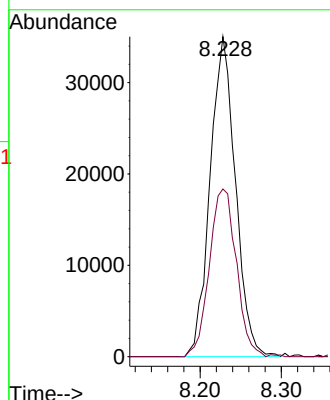
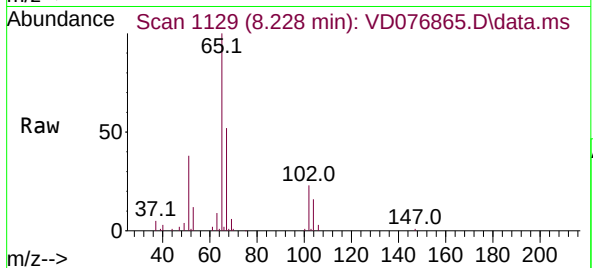
67 55.8 0.0 115.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076865.D

Acq: 28 Jul 2023 20:14

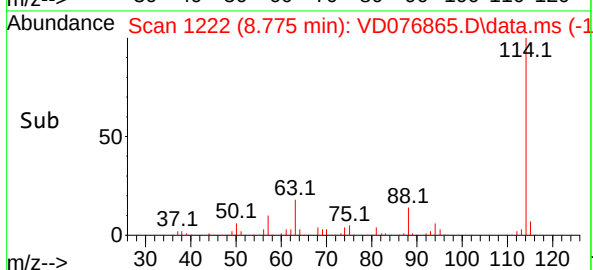
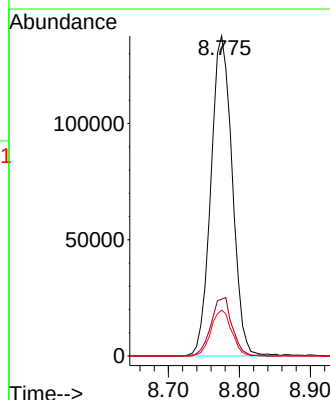
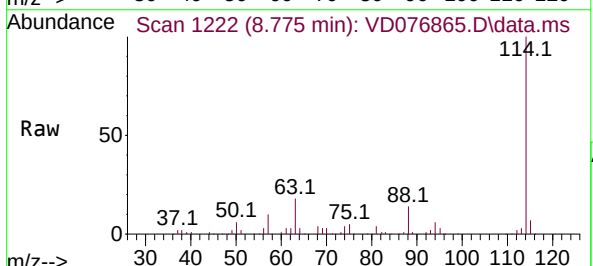
Tgt Ion:114 Resp: 287132

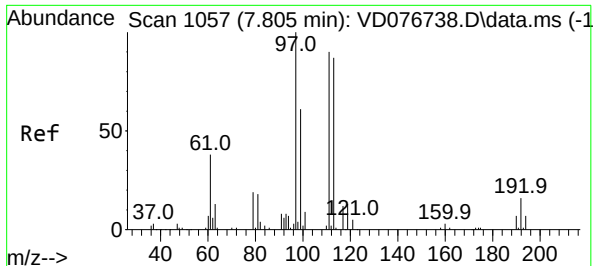
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 14.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.171 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076865.D

Acq: 28 Jul 2023 20:14

Instrument :

MSVOA_D

ClientSampleId :

KINGSLAND-SUB-T2

Tgt Ion: 113 Resp: 94130

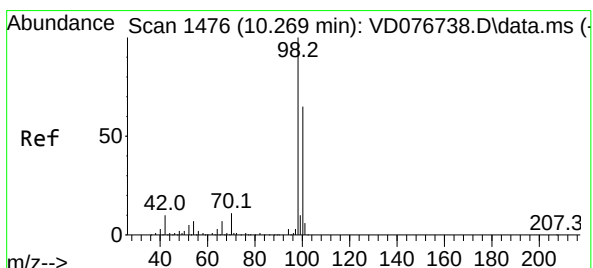
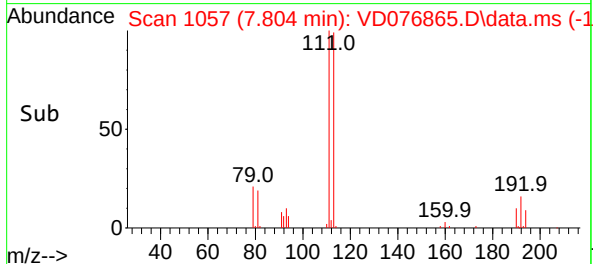
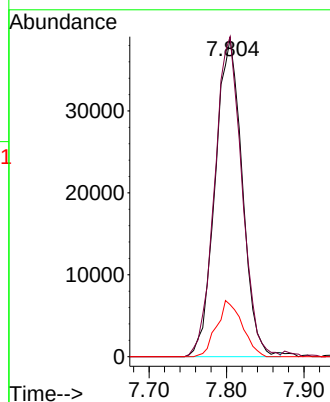
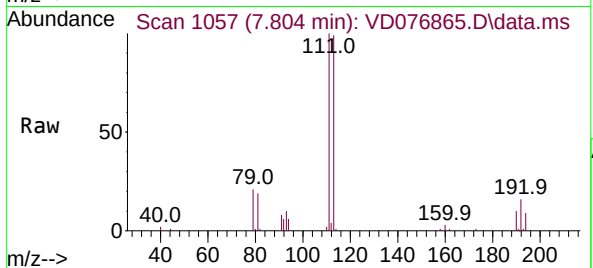
Ion	Ratio	Lower	Upper
113	100		
111	101.3	84.7	127.1
192	16.7	16.8	25.2

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#50

Toluene-d8

Concen: 54.012 ug/l

RT: 10.269 min Scan# 1476

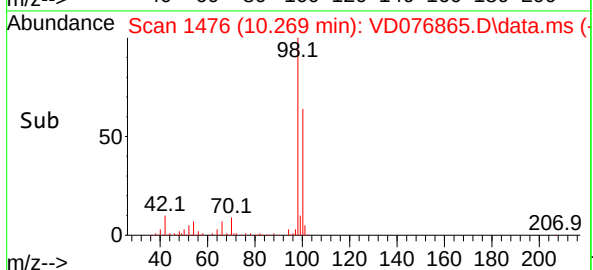
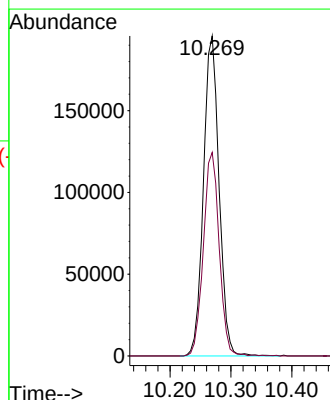
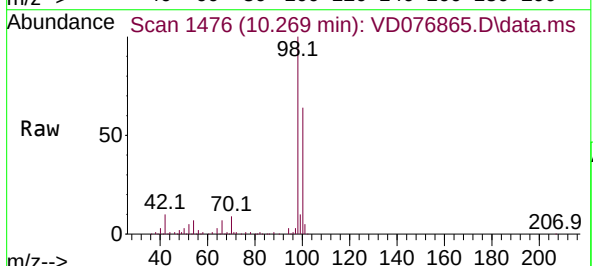
Delta R.T. 0.000 min

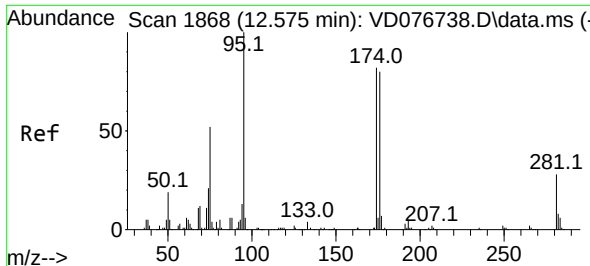
Lab File: VD076865.D

Acq: 28 Jul 2023 20:14

Tgt Ion: 98 Resp: 348639

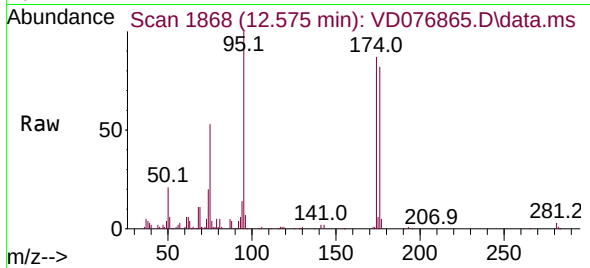
Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.3	75.5





#62
4-Bromofluorobenzene
Concen: 46.158 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076865.D
Acq: 28 Jul 2023 20:14

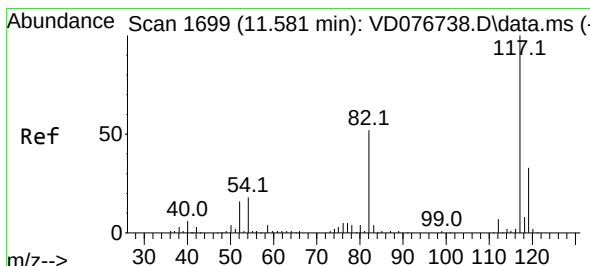
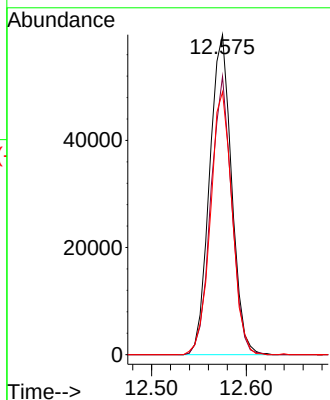
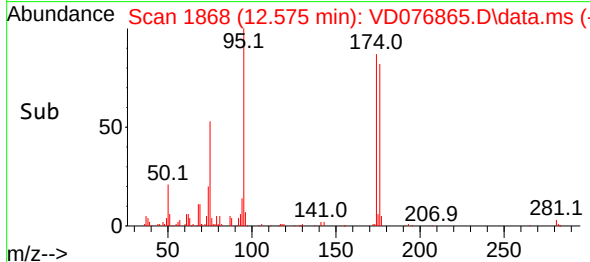
Instrument :
MSVOA_D
ClientSampleId :
KINGSLAND-SUB-T2



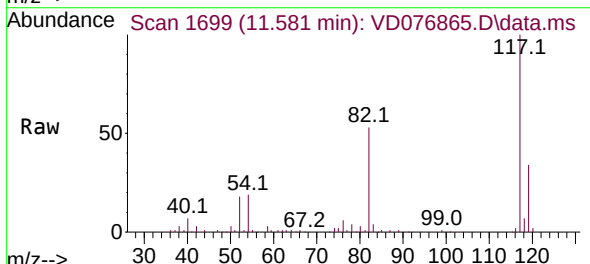
Tgt Ion: 95 Resp: 96385
Ion Ratio Lower Upper
95 100
174 82.5 0.0 201.8
176 80.7 0.0 191.8

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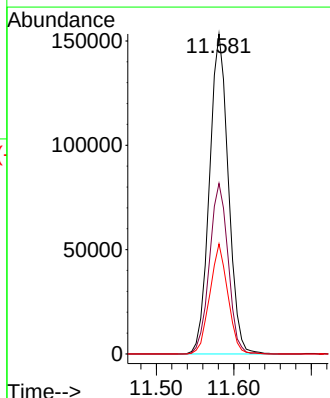
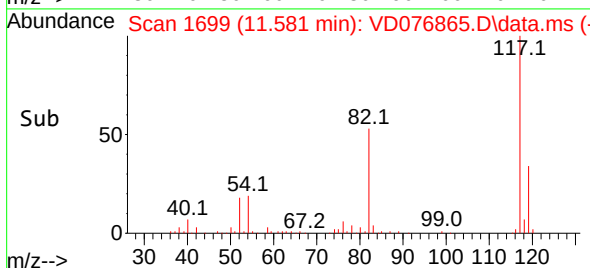
Reviewed By :John Carlone 07/31/2023
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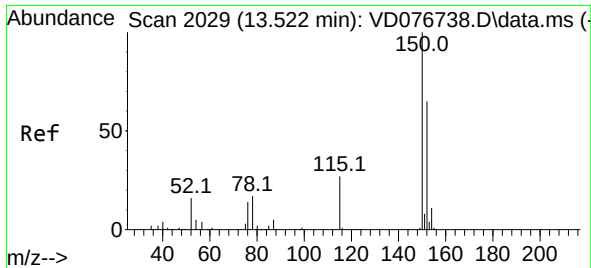


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076865.D
Acq: 28 Jul 2023 20:14



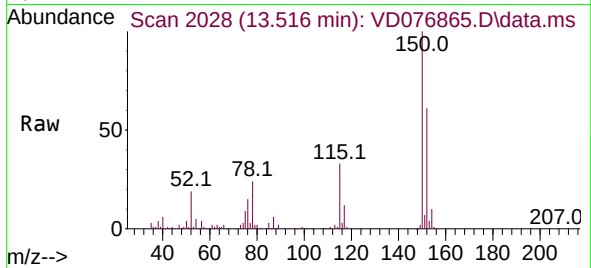
Tgt Ion:117 Resp: 259273
Ion Ratio Lower Upper
117 100
82 53.3 38.3 57.5
119 34.4 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076865.D
 Acq: 28 Jul 2023 20:14

Instrument :
 MSVOA_D
 ClientSampleId :
 KINGSLAND-SUB-T2



Tgt Ion:152 Resp: 105594
 Ion Ratio Lower Upper
 152 100
 115 57.9 27.1 81.3
 150 159.1 0.0 353.6

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