

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075682.D
 Acq On : 14 Apr 2023 16:29
 Operator : KP/SY
 Sample : 02258-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20230196-1-2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2023
 Supervised By : Mahesh Dadoda 04/17/2023

Quant Time: Apr 17 01:34:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	109000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	292259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	433177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68996	66.687	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.380%			
35) Dibromofluoromethane	7.804	113	104979	53.405	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.800%			
50) Toluene-d8	10.269	98	399351	50.731	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.460%			
62) 4-Bromofluorobenzene	12.575	95	157792	75.414	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 150.820%#			
Target Compounds						
16) Acetone	4.028	43	6902	36.414	ug/l	96
17) Carbon Disulfide	4.263	76	139269	34.859	ug/l	98
25) 2-Butanone	7.087	43	1821m	7.462	ug/l	

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

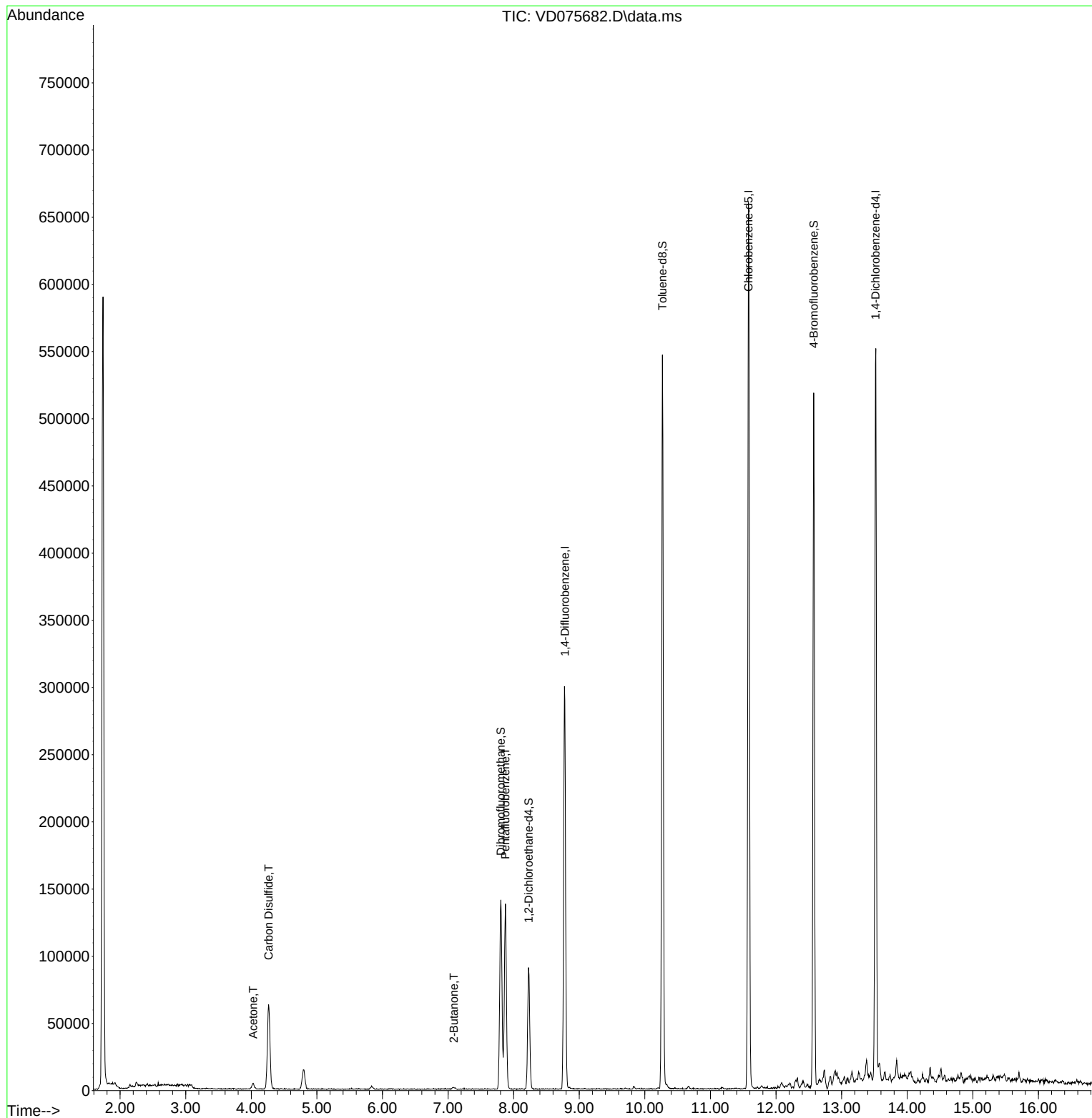
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
Data File : VD075682.D
Acq On : 14 Apr 2023 16:29
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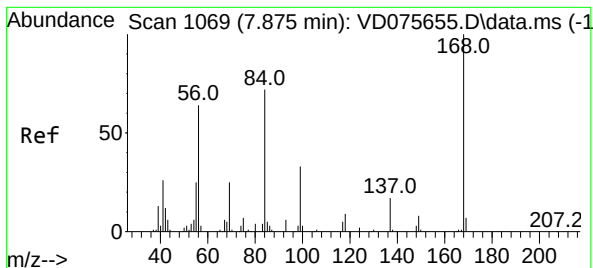
Instrument :
MSVOA_D
ClientSampleId :
20230196-1-2

Quant Time: Apr 17 01:34:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
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APPROVED

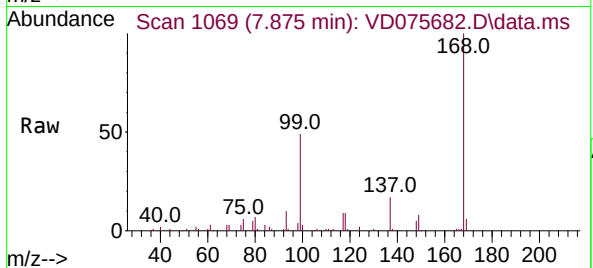
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075682.D
Acq: 14 Apr 2023 16:29

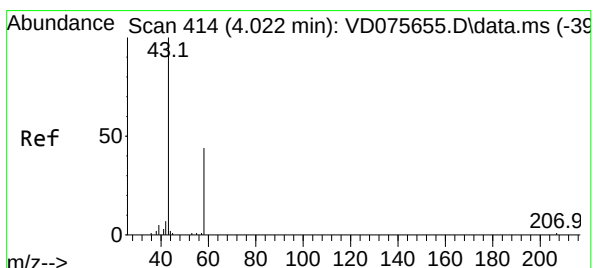
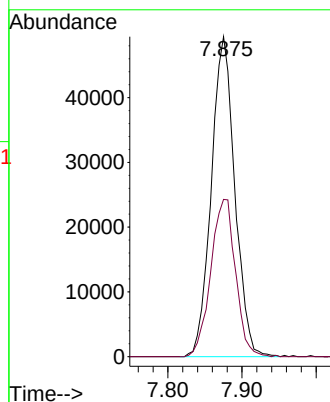
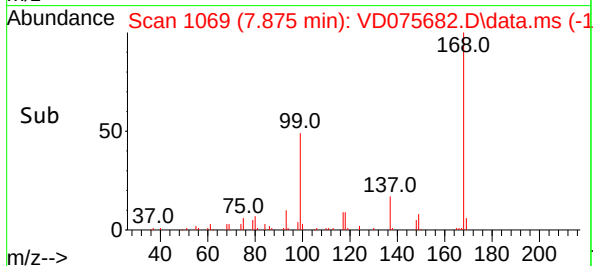
Instrument :
MSVOA_D
ClientSampleId :
20230196-1-2



Tgt Ion:168 Resp: 109000
Ion Ratio Lower Upper
168 100
99 49.1 43.8 65.6

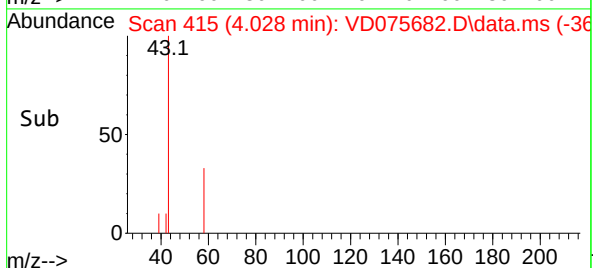
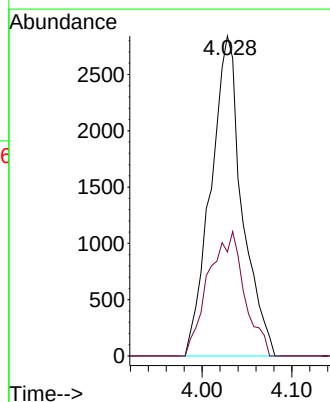
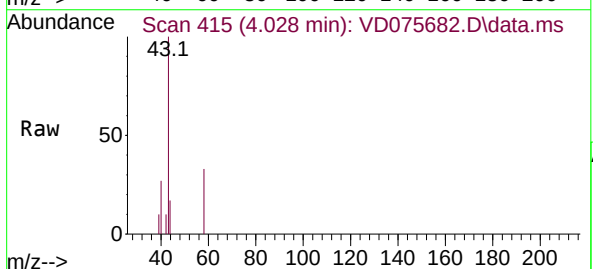
Manual Integrations
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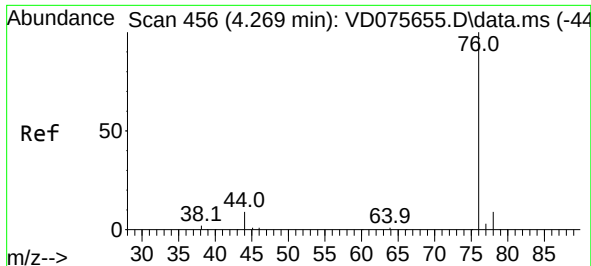
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#16
Acetone
Concen: 36.414 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075682.D
Acq: 14 Apr 2023 16:29

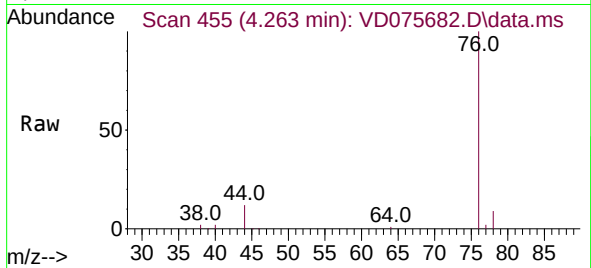
Tgt Ion: 43 Resp: 6902
Ion Ratio Lower Upper
43 100
58 32.5 24.4 36.6





#17
Carbon Disulfide
Concen: 34.859 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075682.D
Acq: 14 Apr 2023 16:29

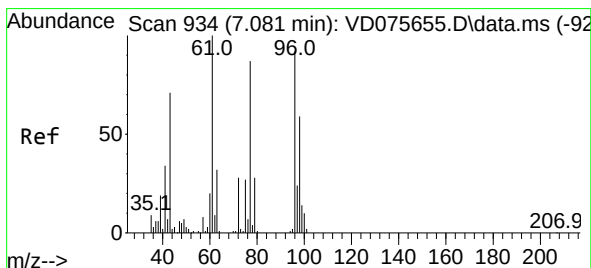
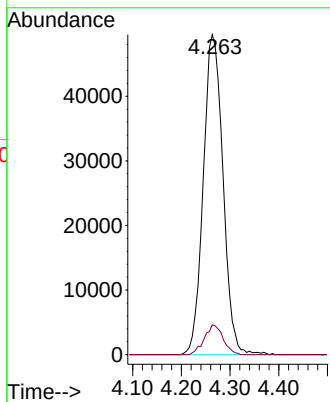
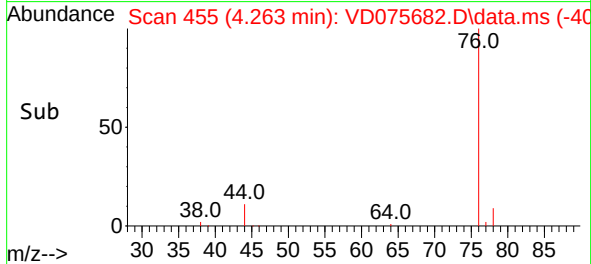
Instrument :
MSVOA_D
ClientSampleId :
20230196-1-2



Tgt Ion: 76 Resp: 139269
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0

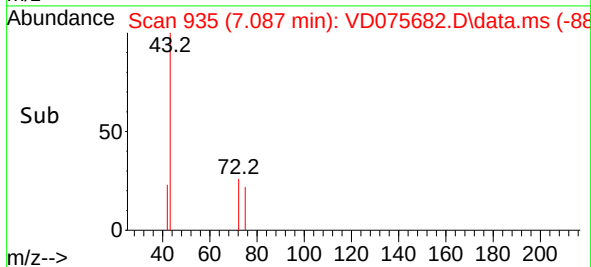
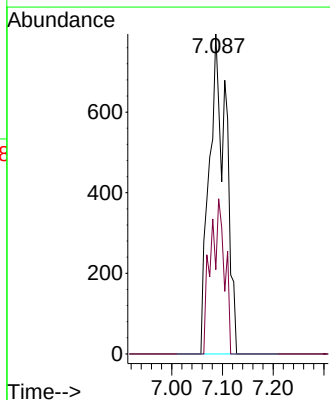
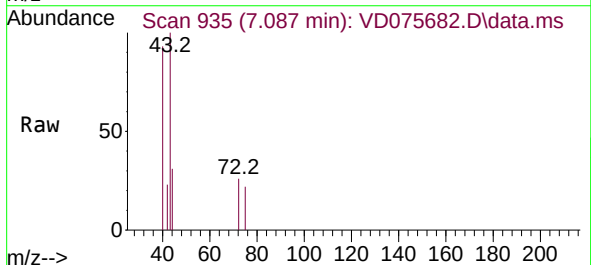
Manual Integrations
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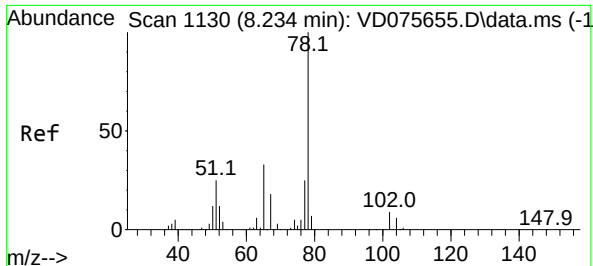
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#25
2-Butanone
Concen: 7.462 ug/l m
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD075682.D
Acq: 14 Apr 2023 16:29

Tgt Ion: 43 Resp: 1821
Ion Ratio Lower Upper
43 100
72 26.3 19.8 29.8





#33

1,2-Dichloroethane-d4

Concen: 66.687 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075682.D

Acq: 14 Apr 2023 16:29

Instrument :

MSVOA_D

ClientSampleId :

20230196-1-2

Tgt Ion: 65 Resp: 68990

Ion Ratio Lower Upper

65 100

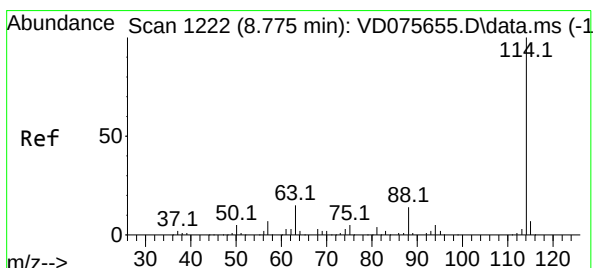
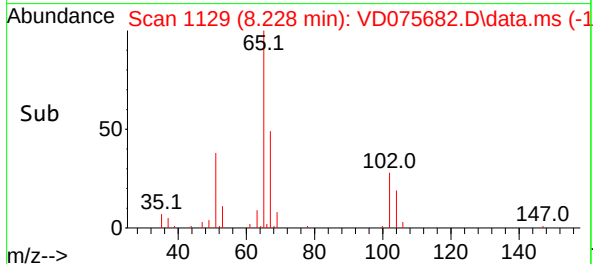
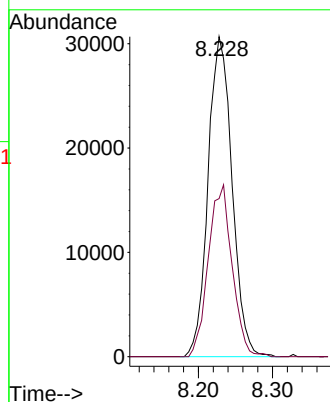
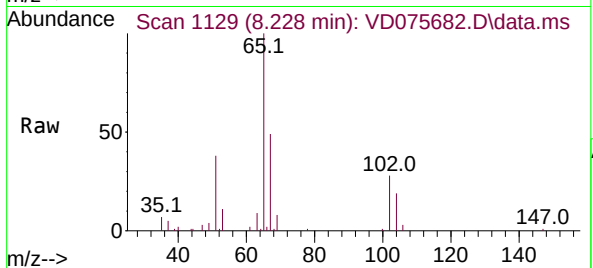
67 53.3 0.0 102.2

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Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075682.D

Acq: 14 Apr 2023 16:29

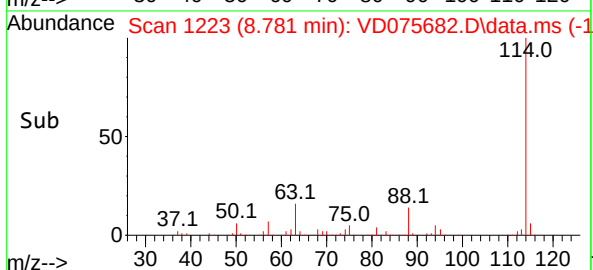
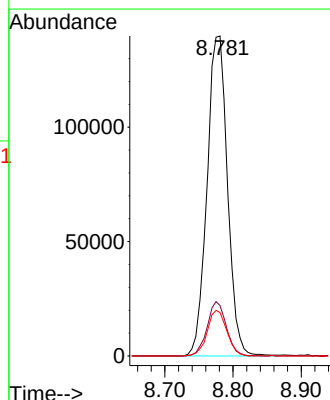
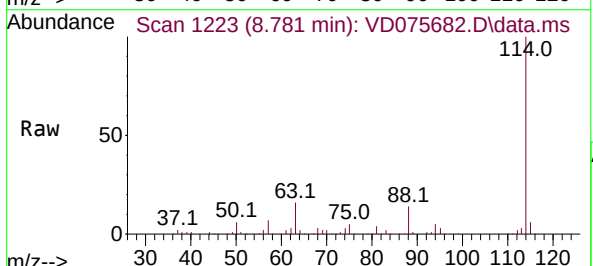
Tgt Ion:114 Resp: 292259

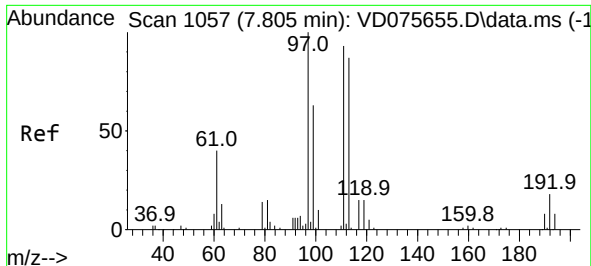
Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 13.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.405 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075682.D

Acq: 14 Apr 2023 16:29

Instrument :

MSVOA_D

ClientSampleId :

20230196-1-2

Tgt Ion:113 Resp: 104979

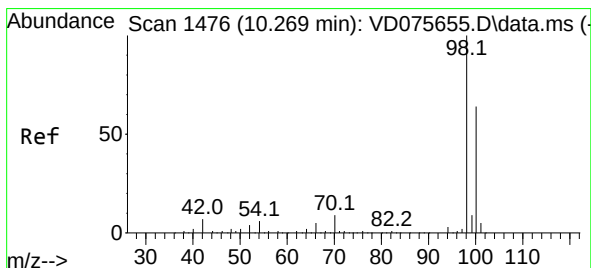
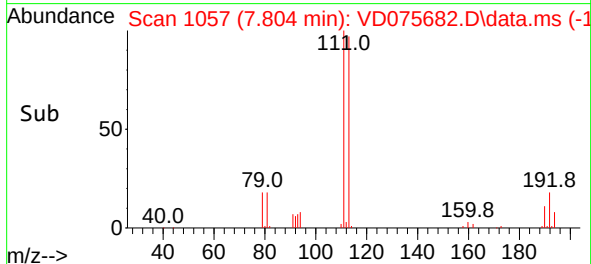
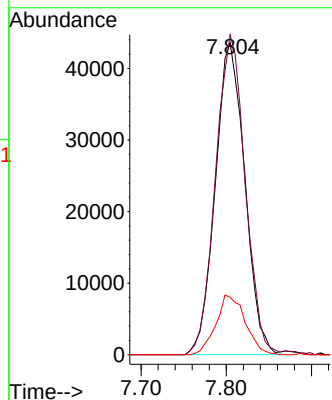
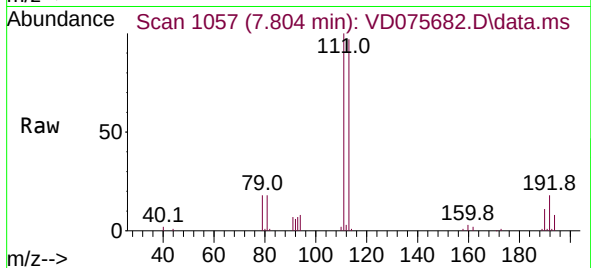
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	19.0	15.2	22.8

Manual Integrations

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Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#50

Toluene-d8

Concen: 50.731 ug/l

RT: 10.269 min Scan# 1476

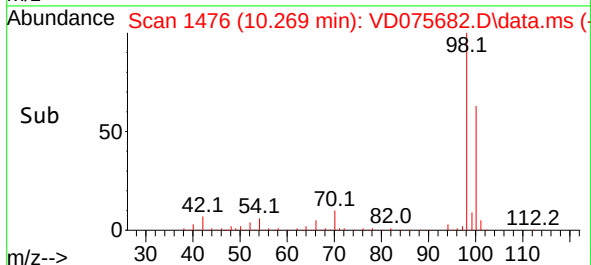
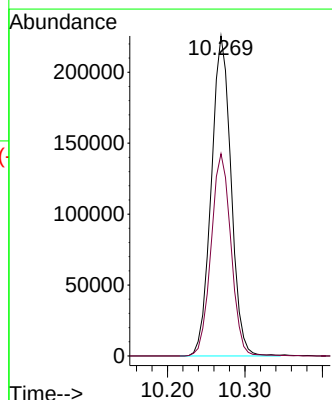
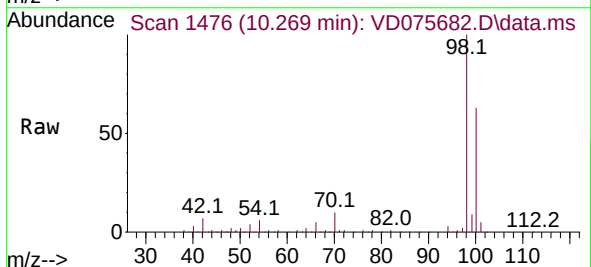
Delta R.T. -0.000 min

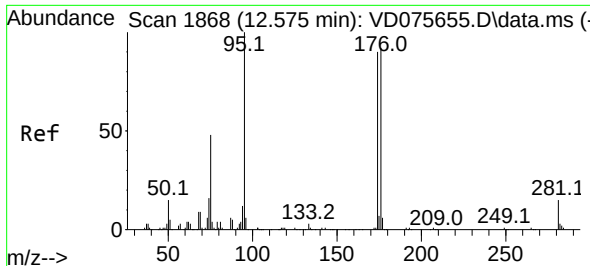
Lab File: VD075682.D

Acq: 14 Apr 2023 16:29

Tgt Ion: 98 Resp: 399351

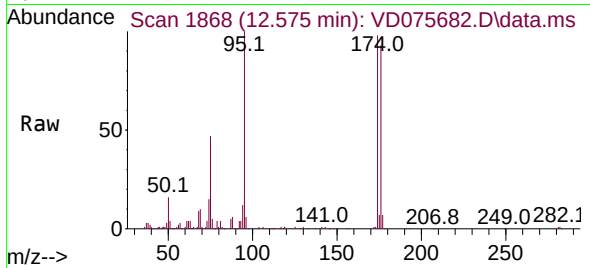
Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.1	78.1





#62
4-Bromofluorobenzene
Concen: 75.414 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075682.D
Acq: 14 Apr 2023 16:29

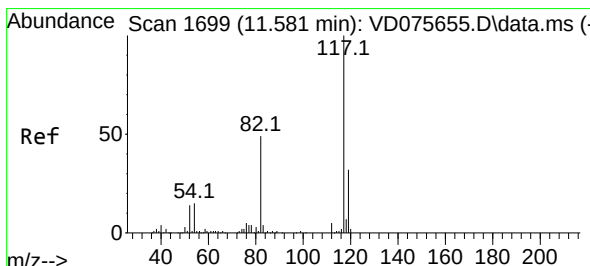
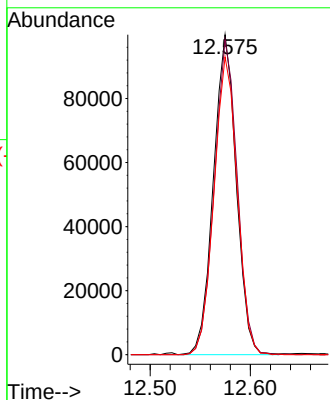
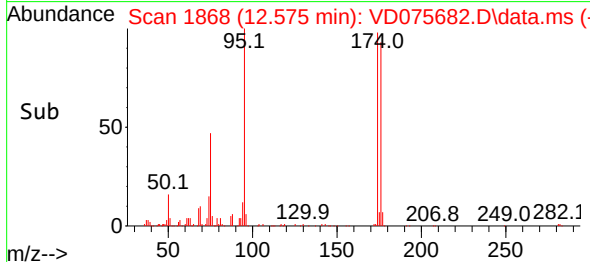
Instrument :
MSVOA_D
ClientSampleId :
20230196-1-2



Tgt Ion: 95 Resp: 157792
Ion Ratio Lower Upper
95 100
174 98.6 0.0 164.0
176 94.8 0.0 156.8

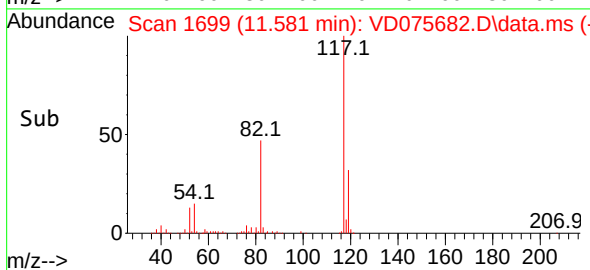
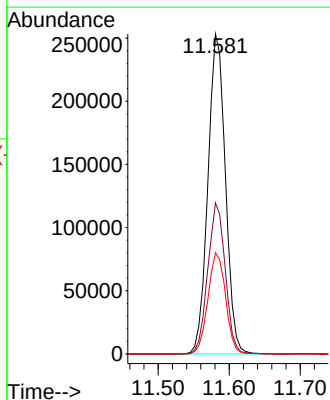
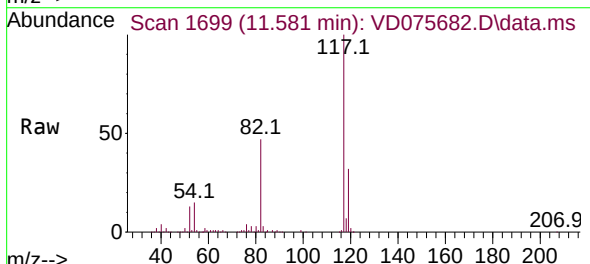
Manual Integrations
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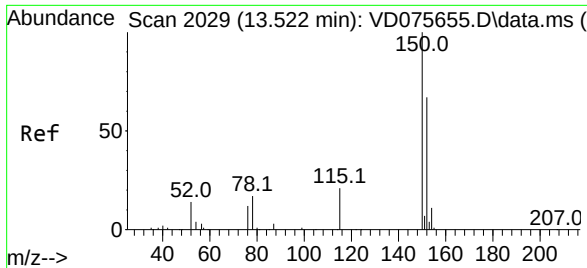
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075682.D
Acq: 14 Apr 2023 16:29

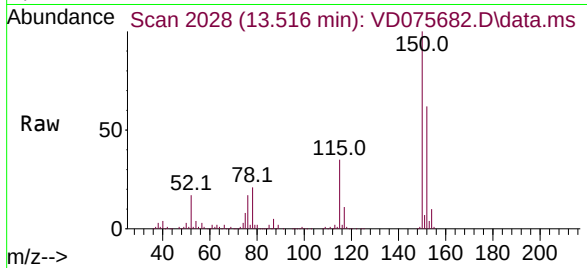
Tgt Ion:117 Resp: 433177
Ion Ratio Lower Upper
117 100
82 47.2 44.0 66.0
119 31.6 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD075682.D
 Acq: 14 Apr 2023 16:29

Instrument :
 MSVOA_D
 ClientSampleId :
 20230196-1-2



Tgt Ion:152 Resp: 153949
 Ion Ratio Lower Upper
 152 100
 115 56.2 30.1 90.3
 150 162.8 0.0 364.8

Manual Integrations
 APPROVED

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 Supervised By :Mahesh Dadoda 04/17/2023

