

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073506.D
 Acq On : 18 Jul 2022 18:07
 Operator : JC\MD
 Sample : N3760-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1821

Quant Time: Jul 19 07:05:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2022
 Supervised By : Mahesh Dadoda 07/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	249008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	426308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	391285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	169929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	169293	47.095	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.200%		
35) Dibromofluoromethane	7.957	113	140479	49.529	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.060%		
50) Toluene-d8	10.380	98	453252	44.994	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.980%		
62) 4-Bromofluorobenzene	12.674	95	179111	46.267	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.540%		
Target Compounds					Qvalue	
16) Acetone	4.234	43	8826	4.374	ug/l	94
20) Methylene Chloride	5.010	84	2370	0.668	ug/l #	88
25) 2-Butanone	7.263	43	4837m	1.506	ug/l	

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

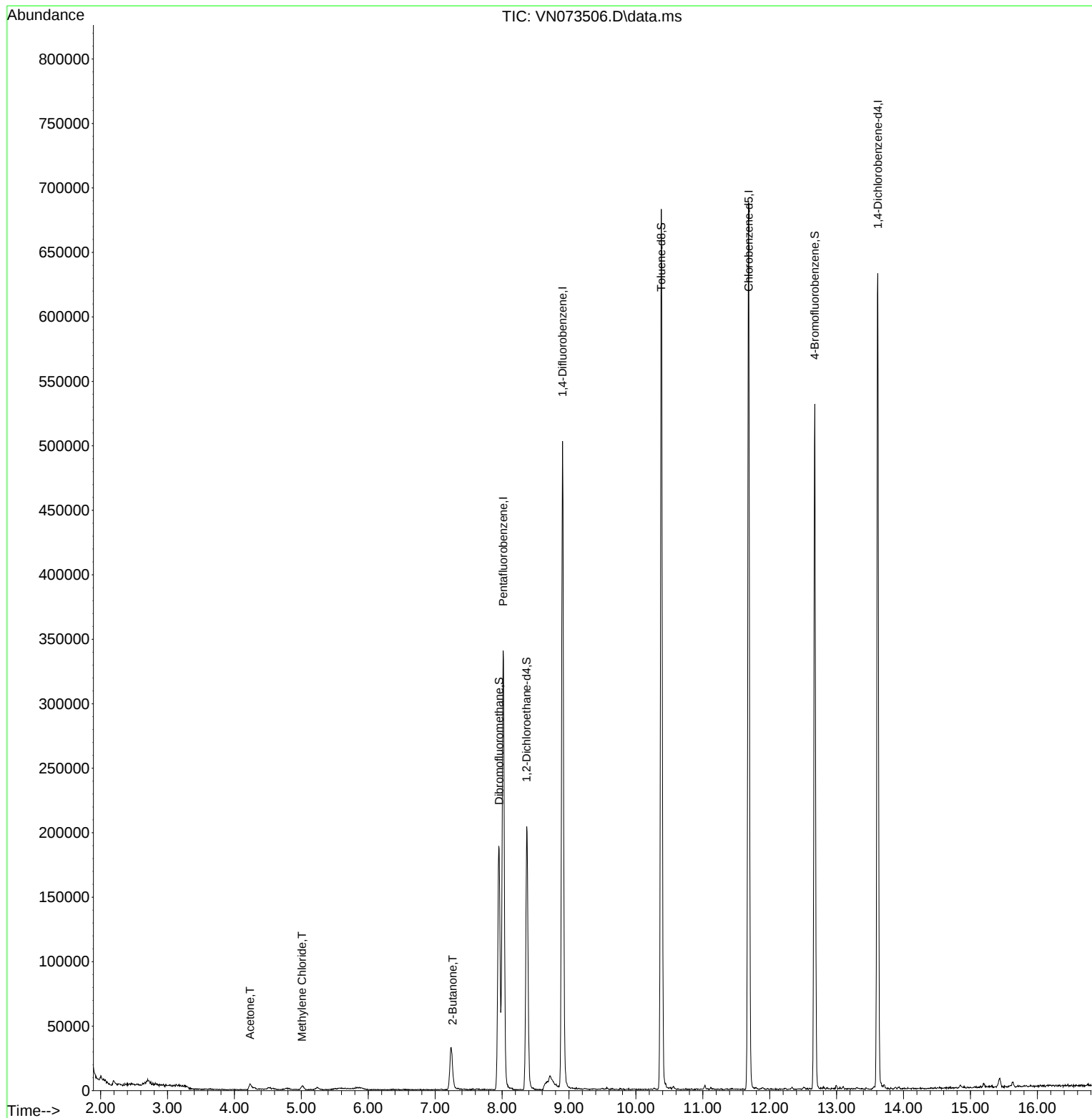
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
Data File : VN073506.D
Acq On : 18 Jul 2022 18:07
Operator : JC\MD
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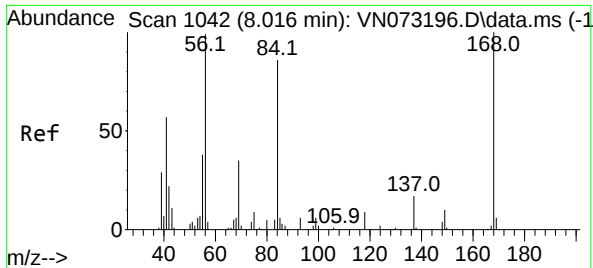
Instrument :
MSVOA_N
ClientSampleId :
AUD-1821

Quant Time: Jul 19 07:05:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

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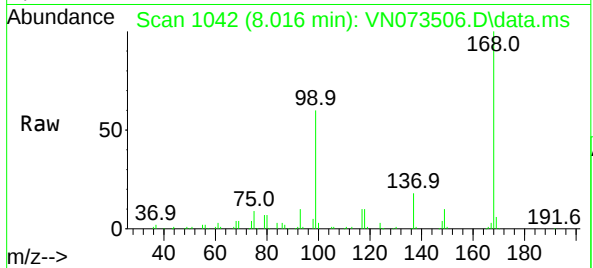
Reviewed By :John Carlone 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073506.D
Acq: 18 Jul 2022 18:07

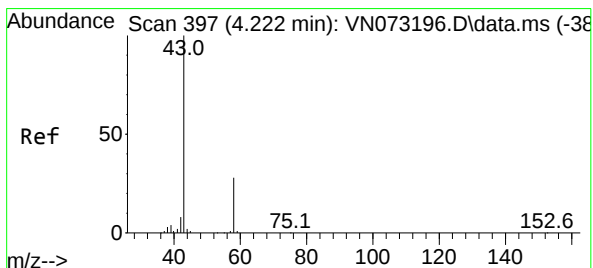
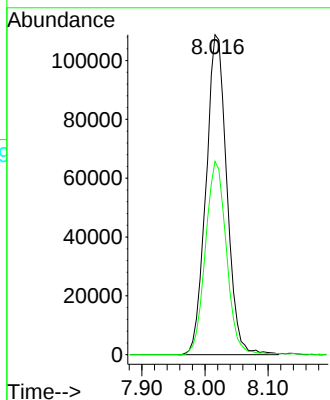
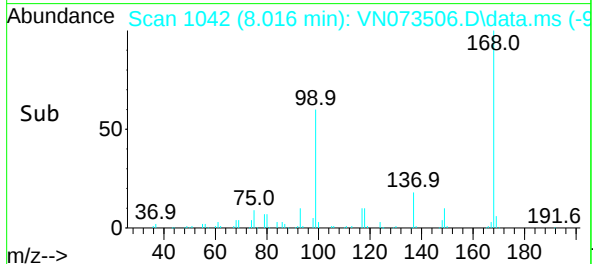
Instrument :
MSVOA_N
ClientSampleId :
AUD-1821



Tgt Ion:168 Resp: 249008
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5

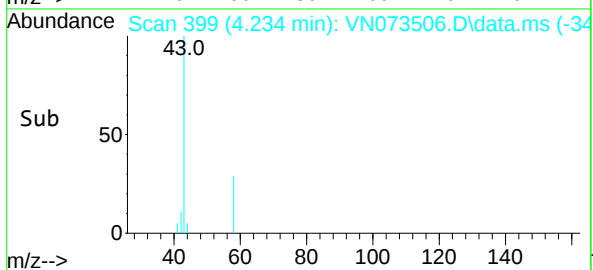
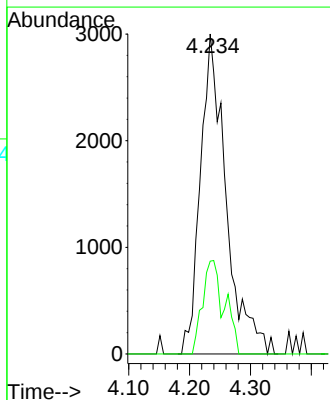
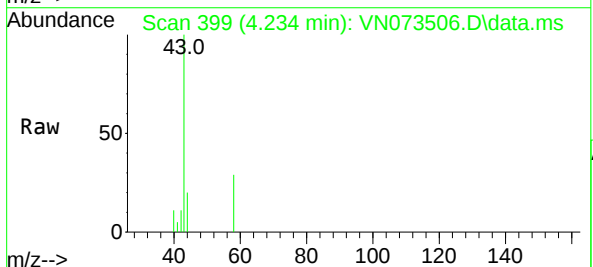
Manual Integrations
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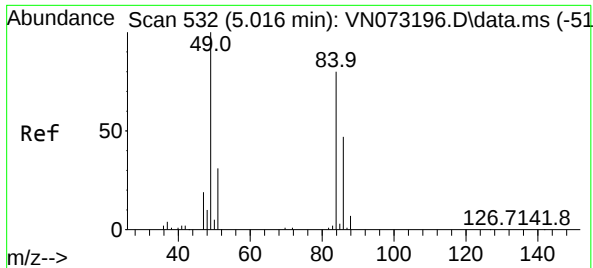
Reviewed By :John Carlone 07/19/2022
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#16
Acetone
Concen: 4.374 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073506.D
Acq: 18 Jul 2022 18:07

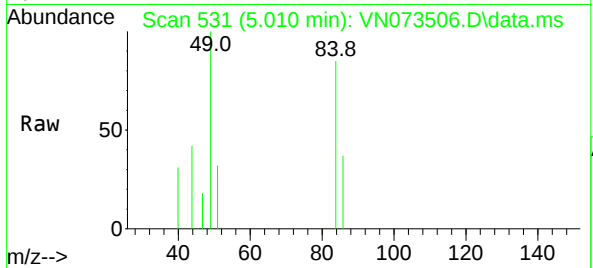
Tgt Ion: 43 Resp: 8826
Ion Ratio Lower Upper
43 100
58 29.0 26.0 39.0





#20
Methylene Chloride
Concen: 0.668 ug/l
RT: 5.010 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073506.D
Acq: 18 Jul 2022 18:07

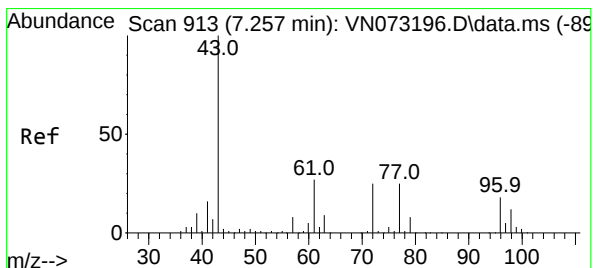
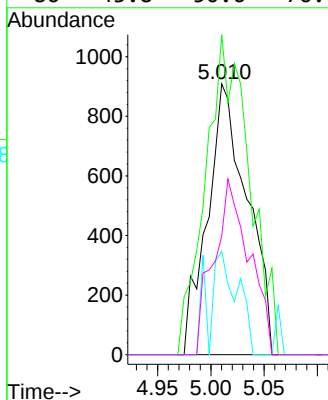
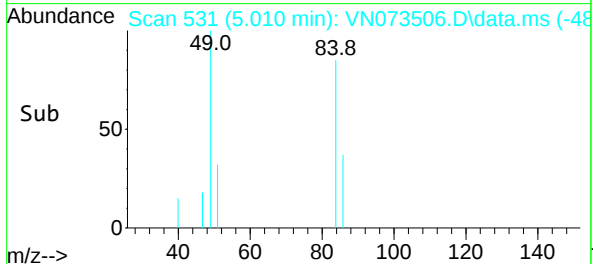
Instrument :
MSVOA_N
ClientSampleId :
AUD-1821



Tgt Ion: 84 Resp: 2370
Ion Ratio Lower Upper
84 100
49 118.2 88.3 132.5
51 38.2 28.2 42.2
86 43.8 50.6 76.0#

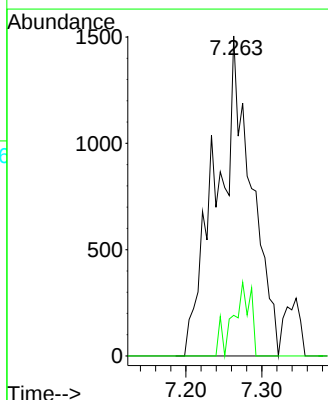
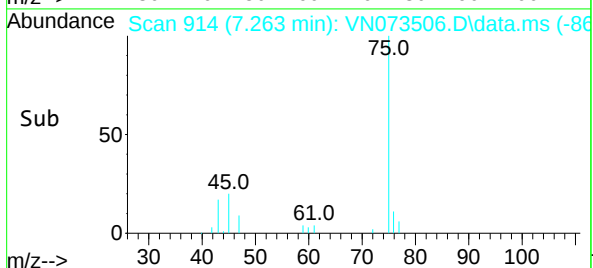
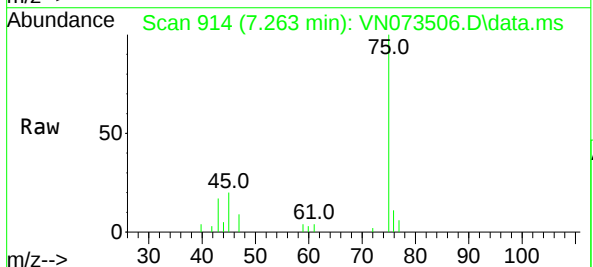
Manual Integrations
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#25
2-Butanone
Concen: 1.506 ug/l m
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073506.D
Acq: 18 Jul 2022 18:07

Tgt Ion: 43 Resp: 4837
Ion Ratio Lower Upper
43 100
72 12.7 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 47.095 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073506.D

Acq: 18 Jul 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

AUD-1821

Tgt Ion: 65 Resp: 16929

Ion Ratio Lower Upper

65 100

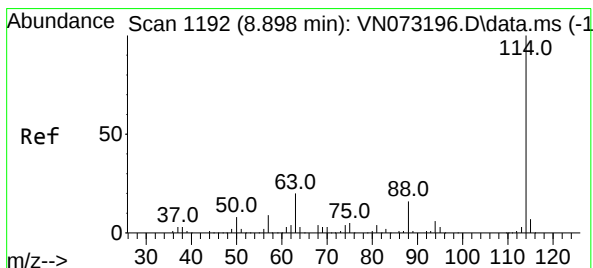
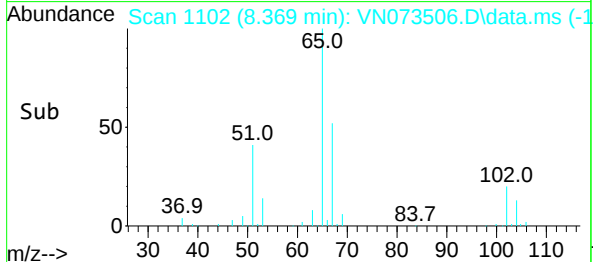
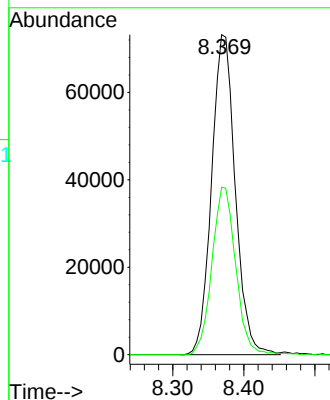
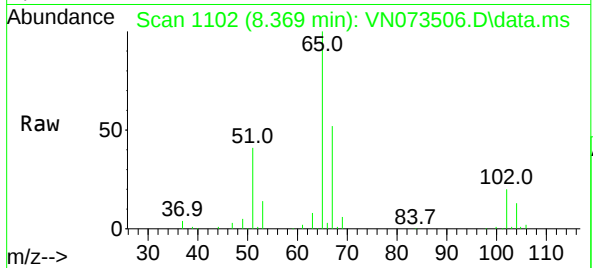
67 52.6 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073506.D

Acq: 18 Jul 2022 18:07

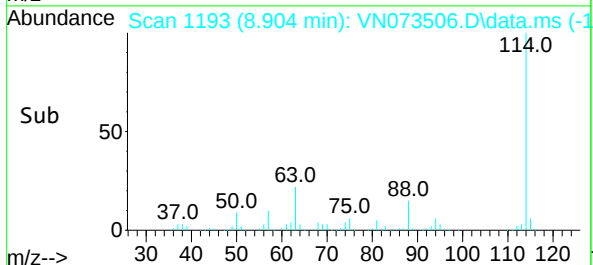
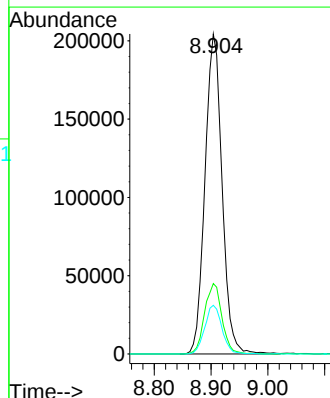
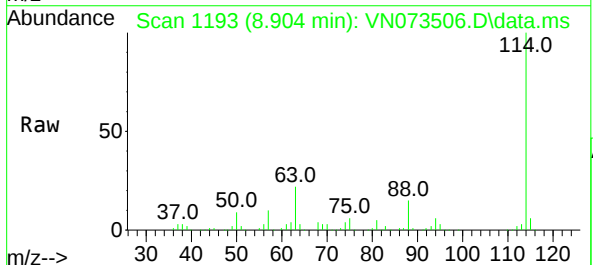
Tgt Ion:114 Resp: 426308

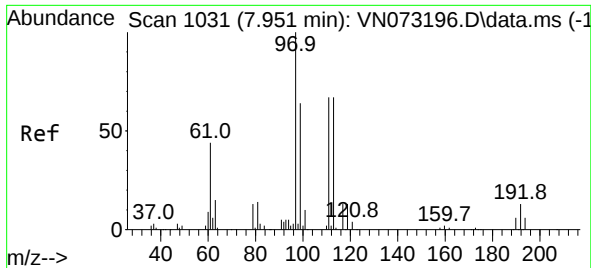
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

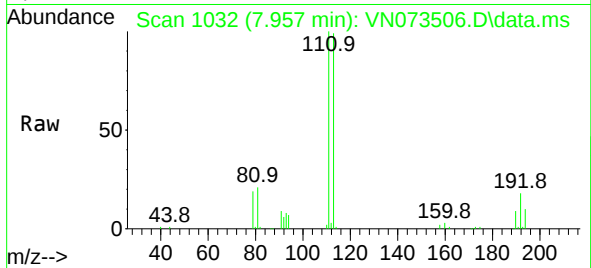
88 15.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.529 ug/l
RT: 7.957 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VN073506.D
Acq: 18 Jul 2022 18:07

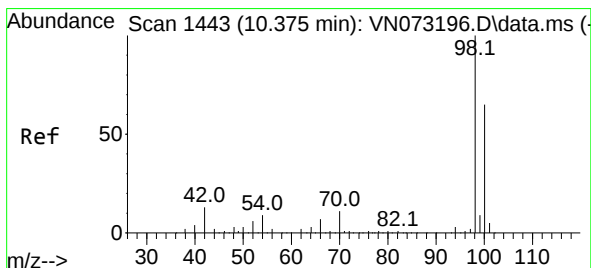
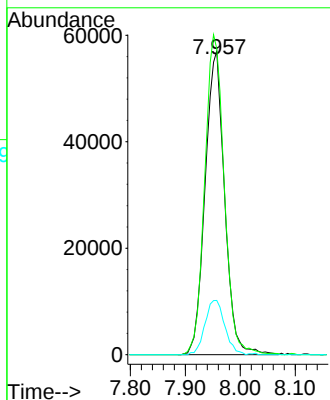
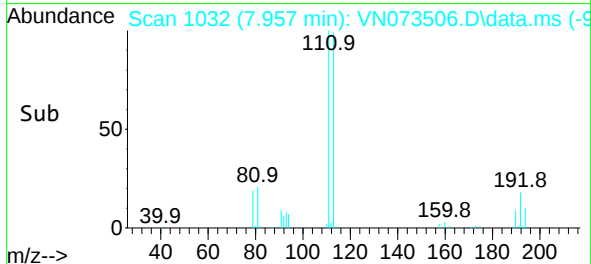
Instrument :
MSVOA_N
ClientSampleId :
AUD-1821



Tgt Ion: 113 Resp: 140479
Ion Ratio Lower Upper
113 100
111 105.3 81.4 122.0
192 18.2 17.0 25.6

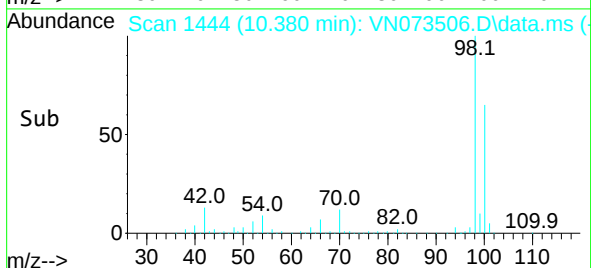
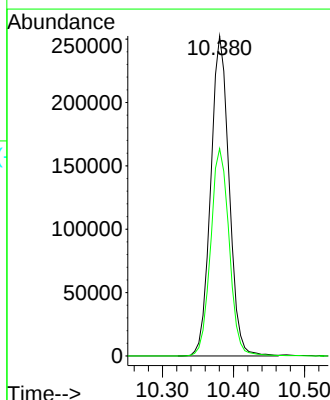
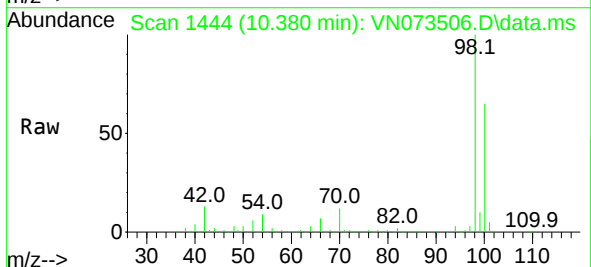
Manual Integrations
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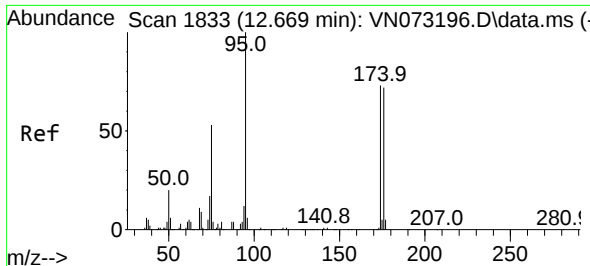
Reviewed By :John Carlone 07/19/2022
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#50
Toluene-d8
Concen: 44.994 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073506.D
Acq: 18 Jul 2022 18:07

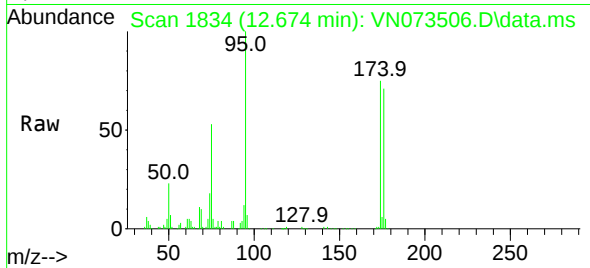
Tgt Ion: 98 Resp: 453252
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





#62
4-Bromofluorobenzene
Concen: 46.267 ug/l
RT: 12.674 min Scan# 1833
Delta R.T. 0.005 min
Lab File: VN073506.D
Acq: 18 Jul 2022 18:07

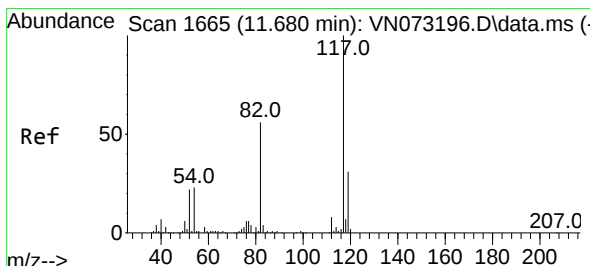
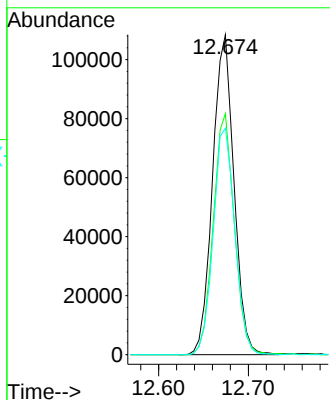
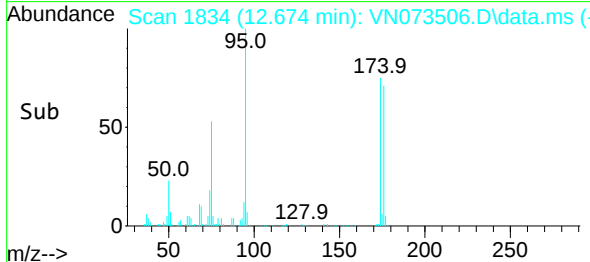
Instrument :
MSVOA_N
ClientSampleId :
AUD-1821



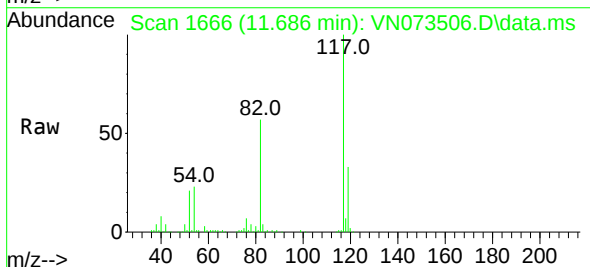
Tgt Ion: 95 Resp: 17911
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 71.7 0.0 163.4

Manual Integrations
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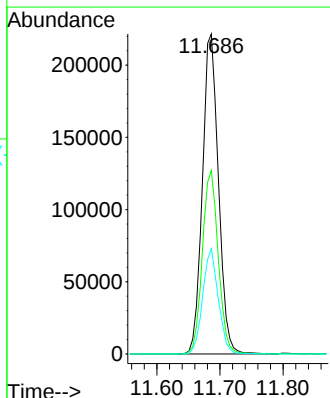
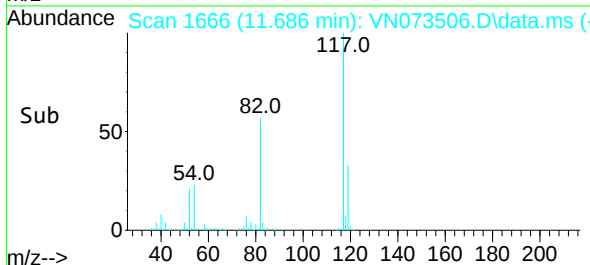
Reviewed By :John Carlone 07/19/2022
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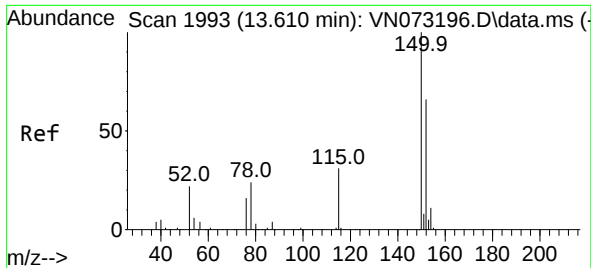


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073506.D
Acq: 18 Jul 2022 18:07



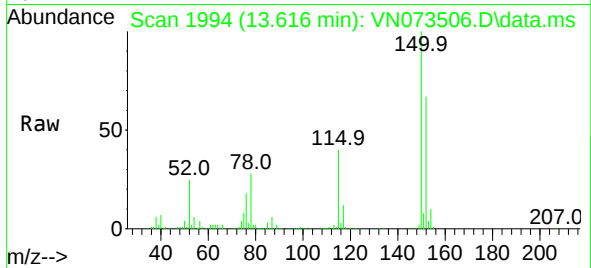
Tgt Ion:117 Resp: 391285
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 32.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN073506.D
 Acq: 18 Jul 2022 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1821



Tgt Ion:152 Resp: 169929
 Ion Ratio Lower Upper
 152 100
 115 60.6 28.9 86.7
 150 158.0 0.0 356.2

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