

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074568.D
 Acq On : 17 Sep 2022 20:08
 Operator : JC\MD
 Sample : N4647-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1034-MW-01(23)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 19 02:58:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	262716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	505567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	503916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	214855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	210848	47.301	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.600%		
35) Dibromofluoromethane	7.951	113	171916	51.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.380%		
50) Toluene-d8	10.380	98	625529	48.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.320%		
62) 4-Bromofluorobenzene	12.674	95	233546	52.501	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.000%		
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	58841	20.628	ug/l	91
29) Tetrahydrofuran	7.610	42	4216m	1.354	ug/l	
44) Trichloroethene	9.163	130	2204	0.554	ug/l	89
64) Tetrachloroethene	10.916	164	828558	239.590	ug/l	94

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

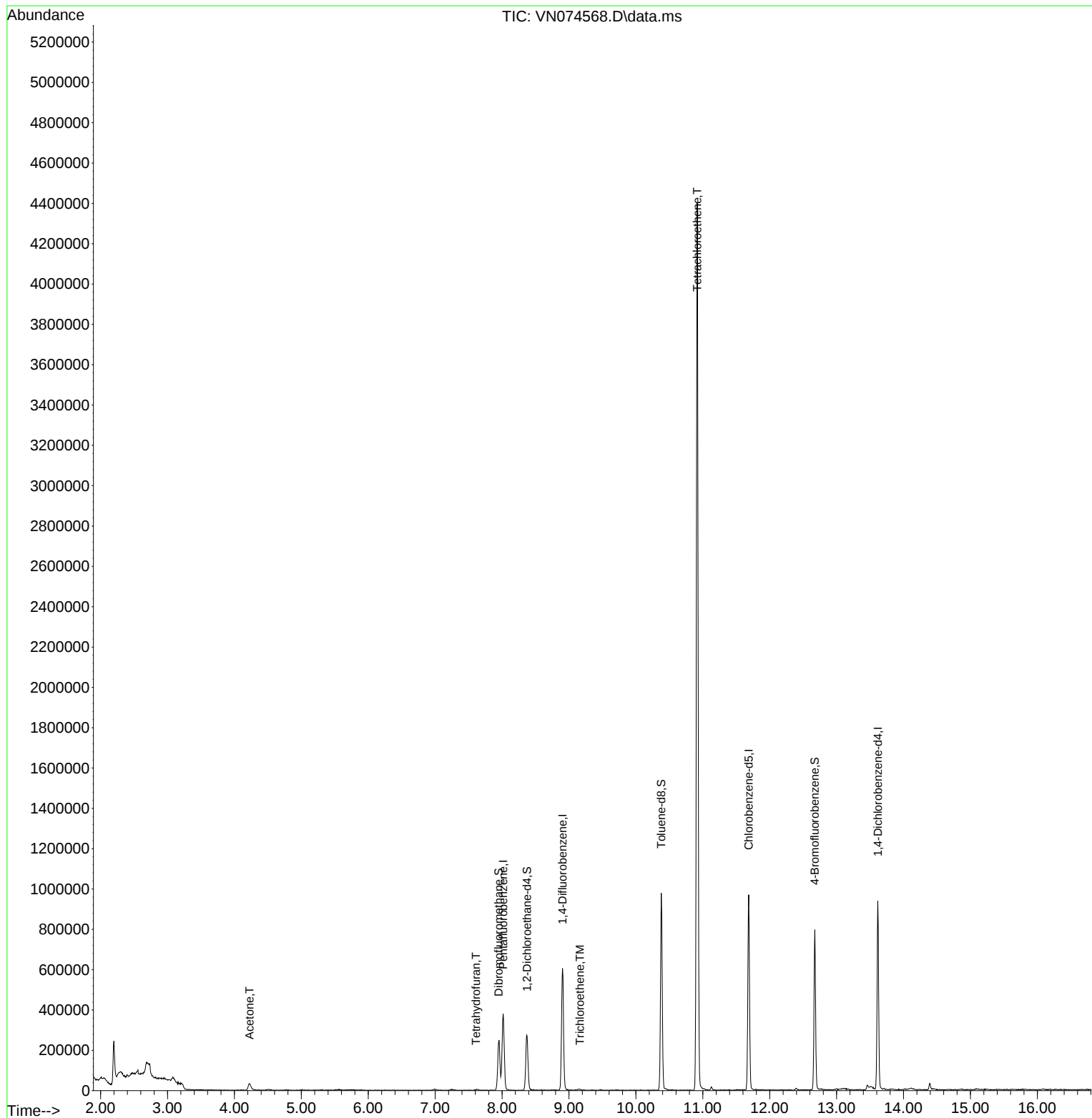
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
Data File : VN074568.D
Acq On : 17 Sep 2022 20:08
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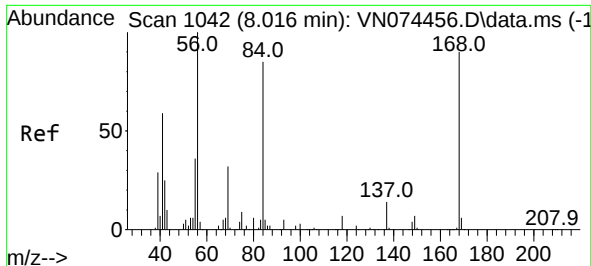
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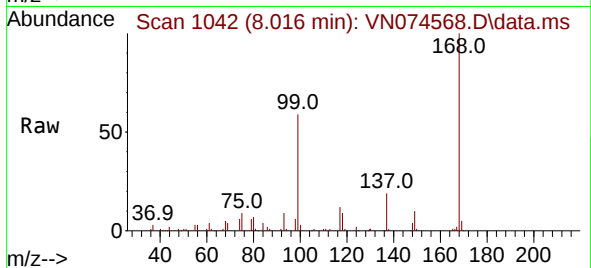
Quant Time: Sep 19 02:58:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

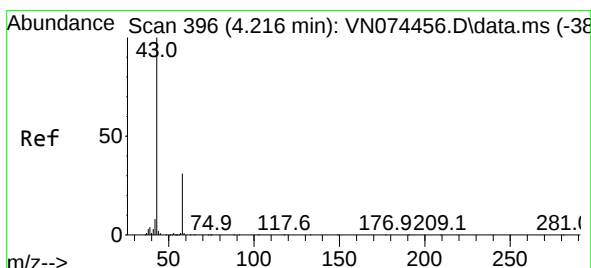
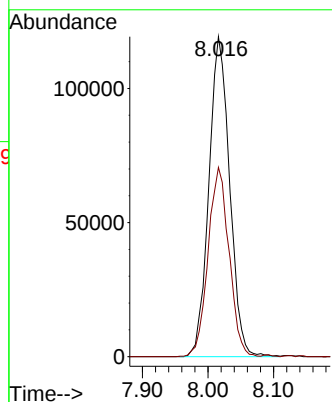
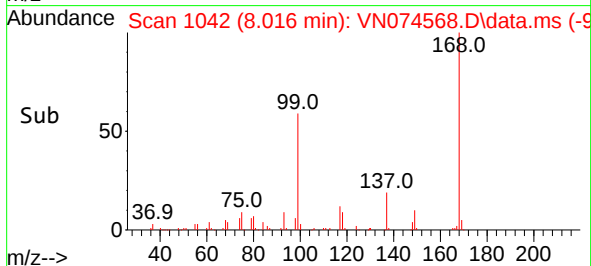
Instrument :
MSVOA_N
ClientSampleId :
1034-MW-01(23)



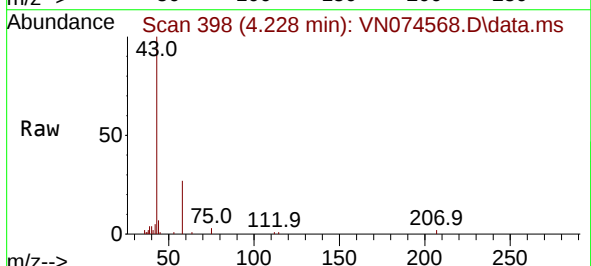
Tgt Ion:168 Resp: 262710
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5

Manual Integrations
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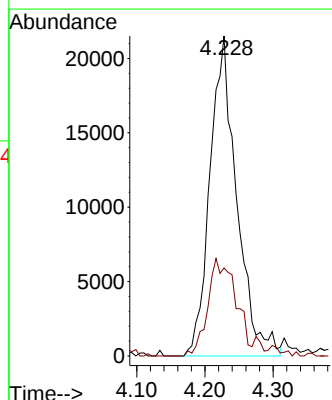
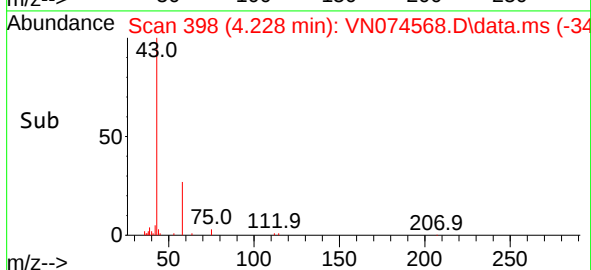
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

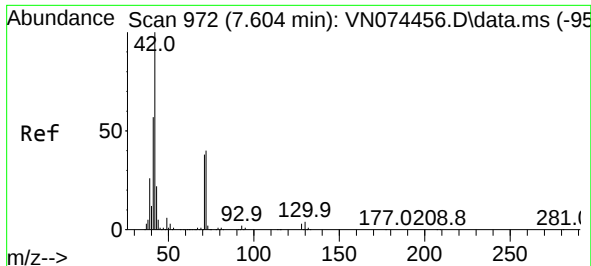


#16
Acetone
Concen: 20.628 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08



Tgt Ion: 43 Resp: 58841
Ion Ratio Lower Upper
43 100
58 27.5 26.0 39.0





#29

Tetrahydrofuran

Concen: 1.354 ug/l m

RT: 7.610 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074568.D

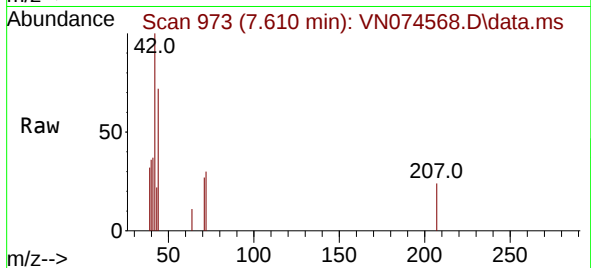
Acq: 17 Sep 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

1034-MW-01(23)



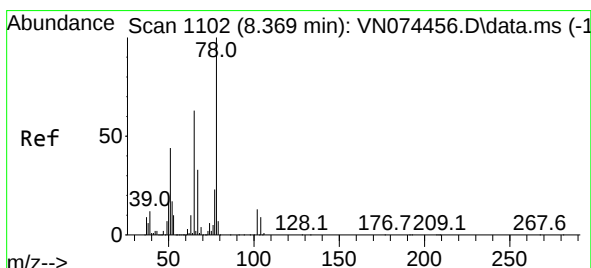
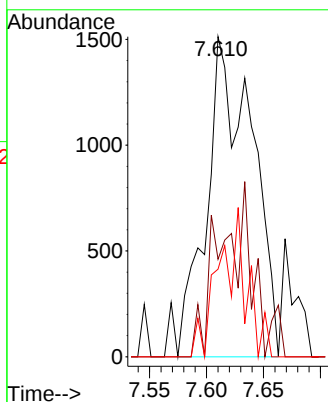
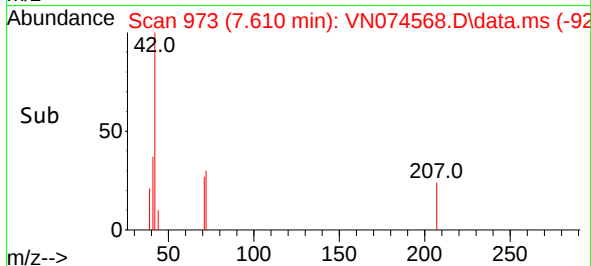
Tgt Ion:	42	Resp:	4210
Ion Ratio	100	Lower	Upper
42	100		
72	16.2	39.7	59.5
71	15.0	36.6	55.0

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#33

1,2-Dichloroethane-d4

Concen: 47.301 ug/l

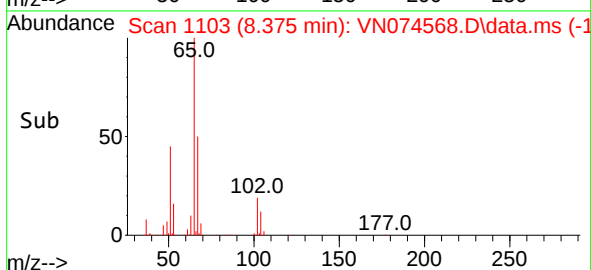
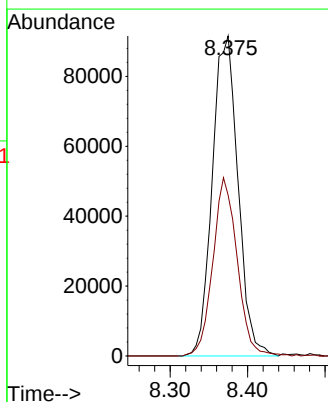
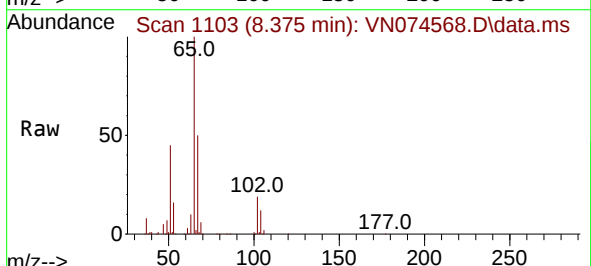
RT: 8.375 min Scan# 1103

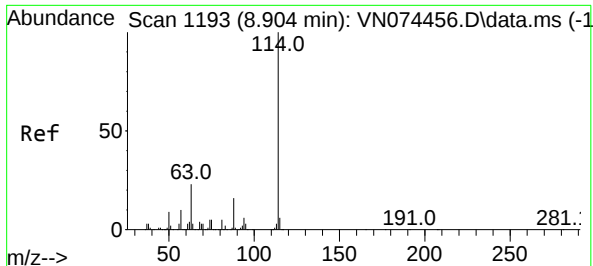
Delta R.T. 0.006 min

Lab File: VN074568.D

Acq: 17 Sep 2022 20:08

Tgt Ion:	65	Resp:	210848
Ion Ratio	100	Lower	Upper
65	100		
67	52.7	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074568.D

Acq: 17 Sep 2022 20:08

Instrument :

MSVOA_N

ClientSampleId :

1034-MW-01(23)

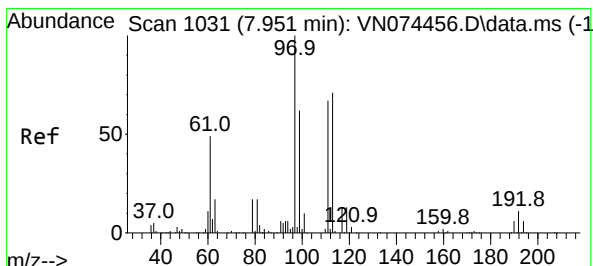
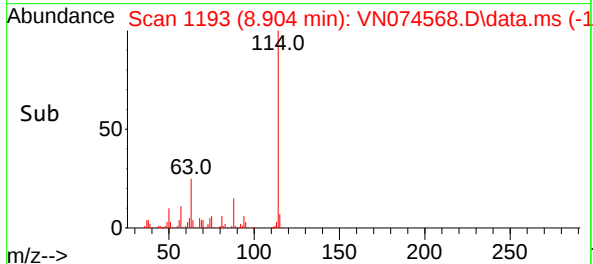
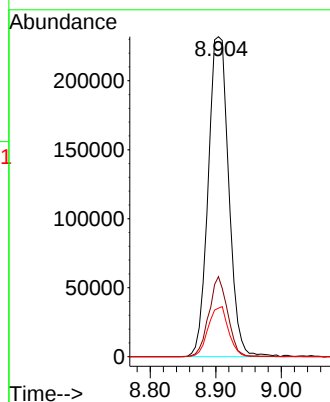
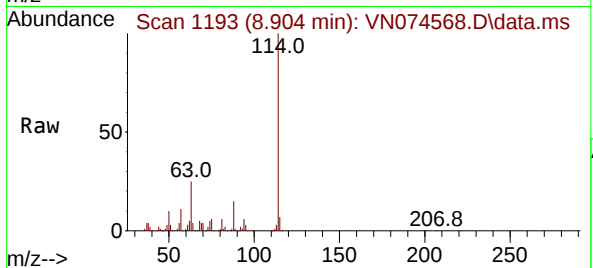
Tgt Ion:	114	Resp:	50556
Ion Ratio	Lower	Upper	
114	100		
63	25.0	0.0	40.0
88	15.2	0.0	32.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 51.190 ug/l

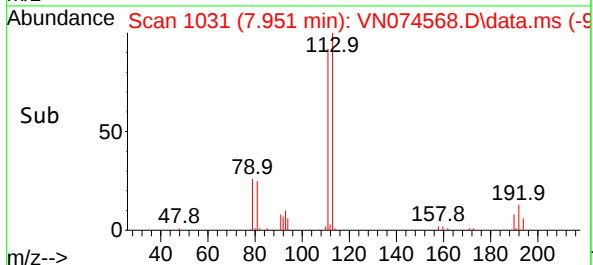
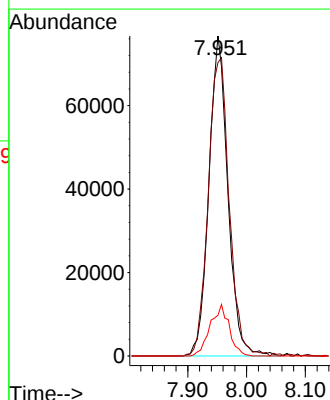
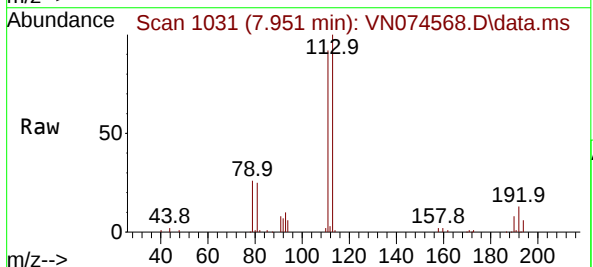
RT: 7.951 min Scan# 1031

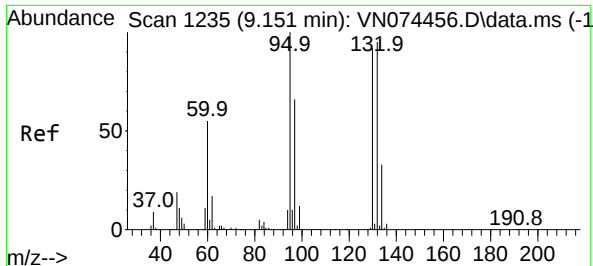
Delta R.T. 0.000 min

Lab File: VN074568.D

Acq: 17 Sep 2022 20:08

Tgt Ion:	113	Resp:	171916
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.4	122.0
192	16.1	17.0	25.6





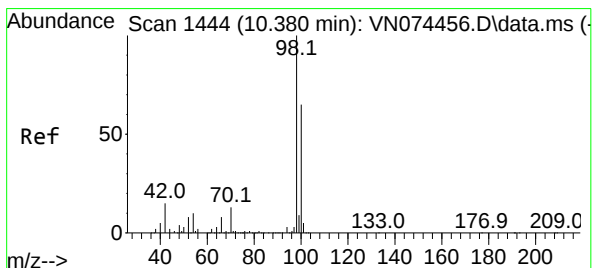
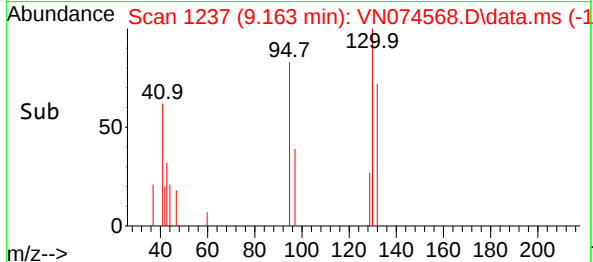
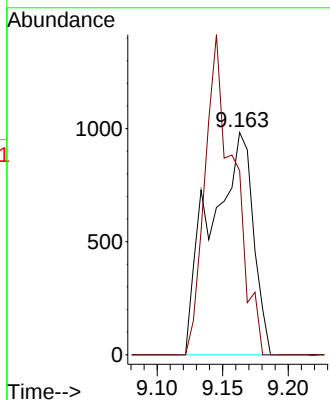
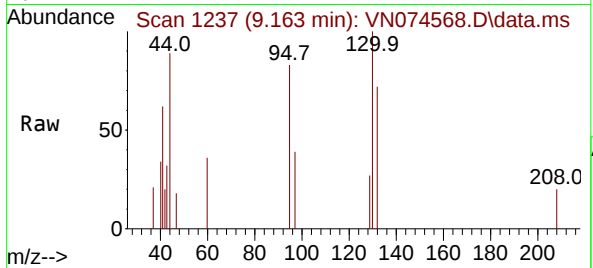
#44
Trichloroethene
Concen: 0.554 ug/l
RT: 9.163 min Scan# 1235
Delta R.T. 0.012 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

Instrument :
MSVOA_N
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1034-MW-01(23)

Tgt Ion:130 Resp: 2204
Ion Ratio Lower Upper
130 100
95 82.8 0.0 186.8

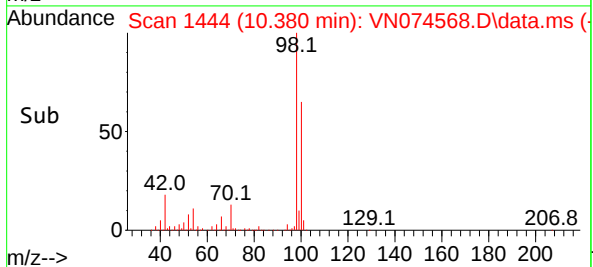
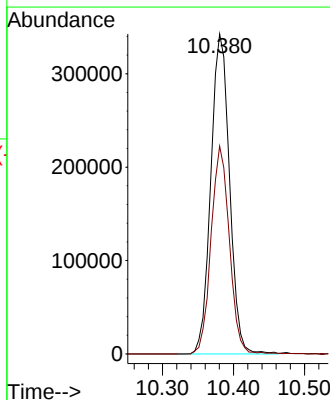
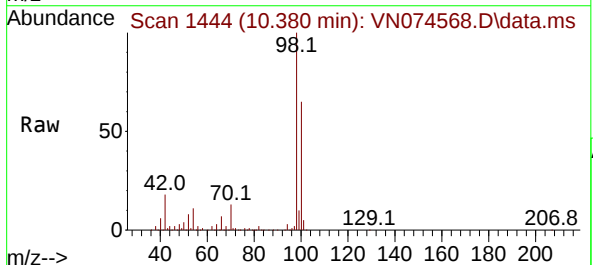
Manual Integrations
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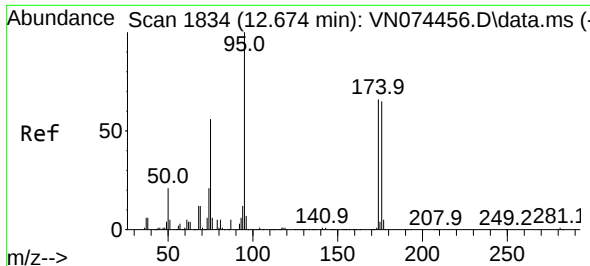
Reviewed By :John Carlone 09/19/2022
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#50
Toluene-d8
Concen: 48.162 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

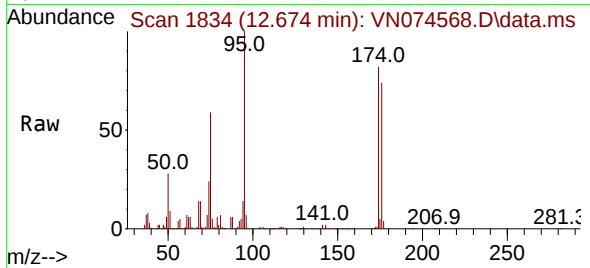
Tgt Ion: 98 Resp: 625529
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8





#62
4-Bromofluorobenzene
Concen: 52.501 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

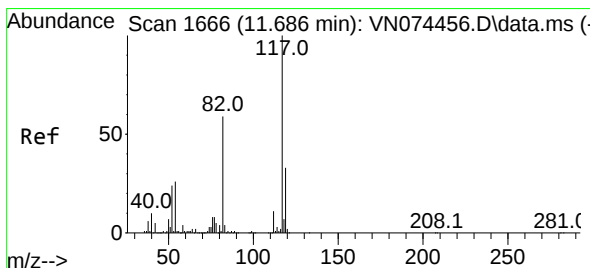
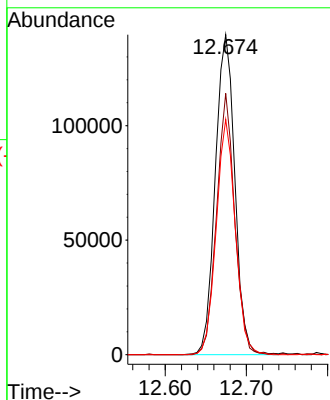
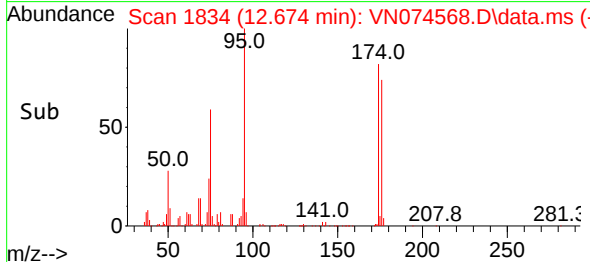
Instrument :
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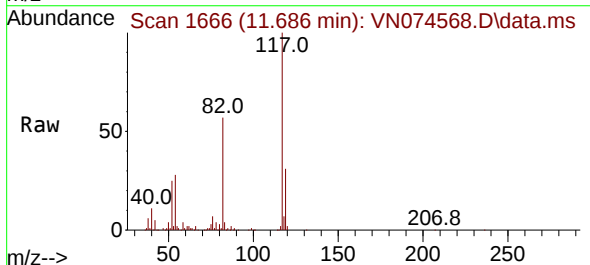
Tgt Ion: 95 Resp: 233540
Ion Ratio Lower Upper
95 100
174 75.8 0.0 167.6
176 71.9 0.0 163.4

Manual Integrations
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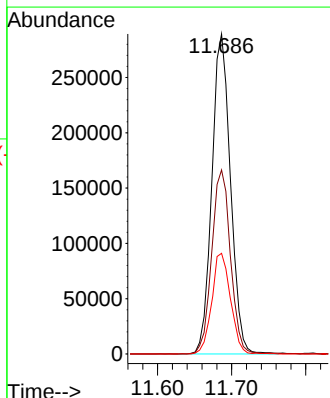
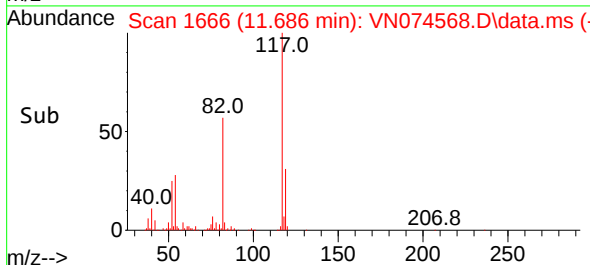
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

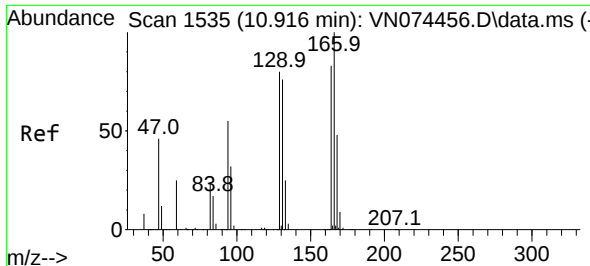


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08



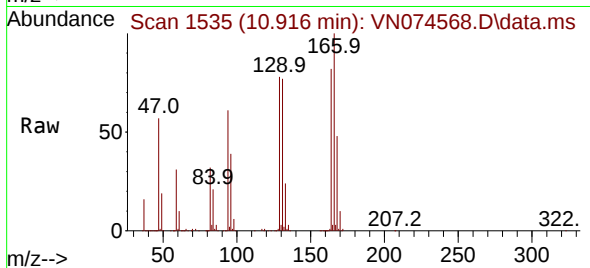
Tgt Ion:117 Resp: 503916
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 31.4 25.4 38.0





#64
Tetrachloroethene
Concen: 239.590 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08

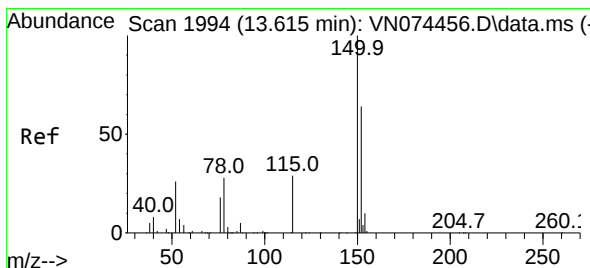
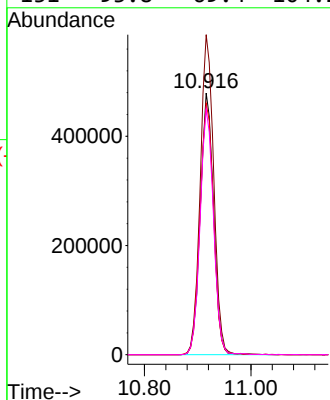
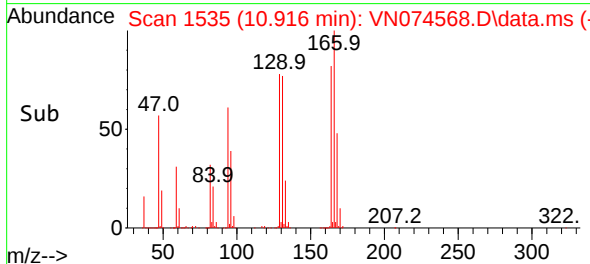
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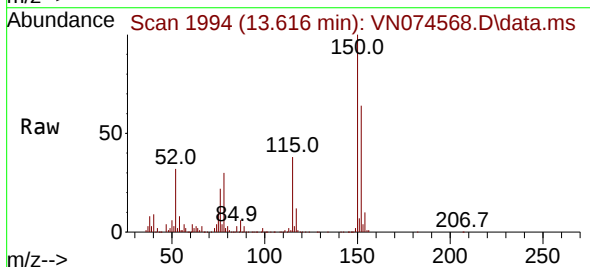
Tgt Ion:164 Resp: 828558
Ion Ratio Lower Upper
164 100
166 122.3 104.2 156.2
129 96.0 73.9 110.9
131 93.8 69.4 104.2

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074568.D
Acq: 17 Sep 2022 20:08



Tgt Ion:152 Resp: 214855
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 153.9 0.0 356.2

