

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074571.D
 Acq On : 17 Sep 2022 21:21
 Operator : JC\MD
 Sample : N4647-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1037-MW-11(15)

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 02:59:26 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	255910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	511611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	520327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	228103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	207362	47.756	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.520%		
35) Dibromofluoromethane	7.957	113	168888	49.694	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.380%		
50) Toluene-d8	10.380	98	620830	47.235	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.480%		
62) 4-Bromofluorobenzene	12.674	95	243724	54.142	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.280%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.404	62	10821	2.158	ug/l #	64
16) Acetone	4.222	43	40277	14.496	ug/l	98
21) trans-1,2-Dichloroethene	5.493	96	2295m	1.044	ug/l	
27) cis-1,2-Dichloroethene	7.245	96	197954	41.775	ug/l	97
29) Tetrahydrofuran	7.628	42	3774	1.244	ug/l #	73
44) Trichloroethene	9.151	130	566580	140.761	ug/l	86
64) Tetrachloroethene	10.916	164	1471181	411.996	ug/l	93

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

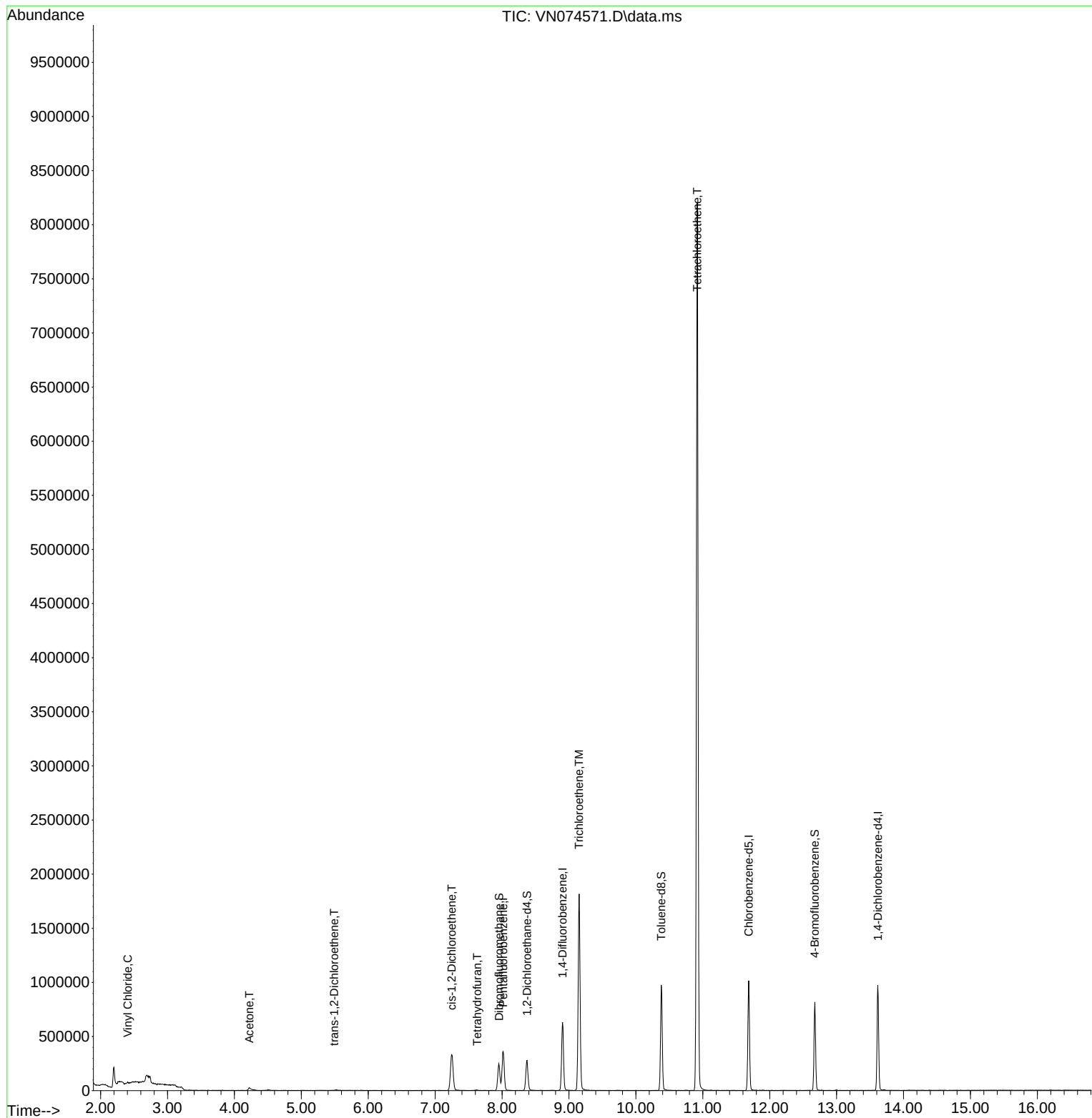
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
Data File : VN074571.D
Acq On : 17 Sep 2022 21:21
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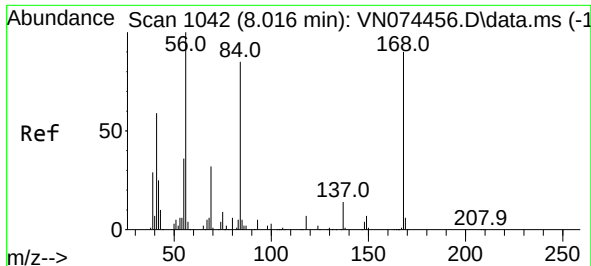
Instrument :
MSVOA_N
ClientSampleId :
1037-MW-11(15)

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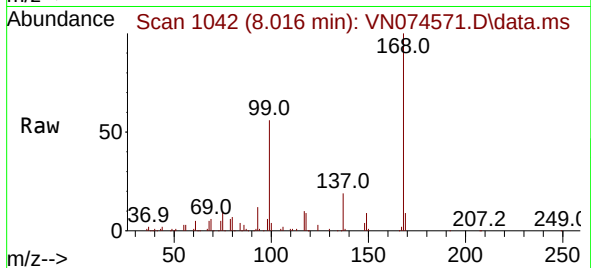
Quant Time: Sep 19 02:59:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074571.D
Acq: 17 Sep 2022 21:21

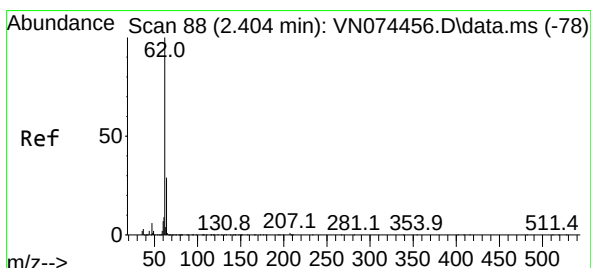
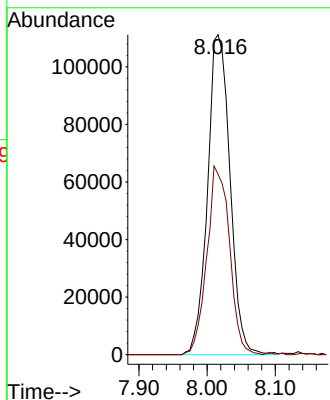
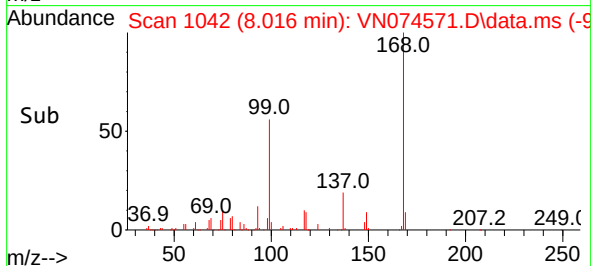
Instrument :
MSVOA_N
ClientSampleId :
1037-MW-11(15)



Tgt Ion:168 Resp: 255910
Ion Ratio Lower Upper
168 100
99 56.4 42.3 63.5

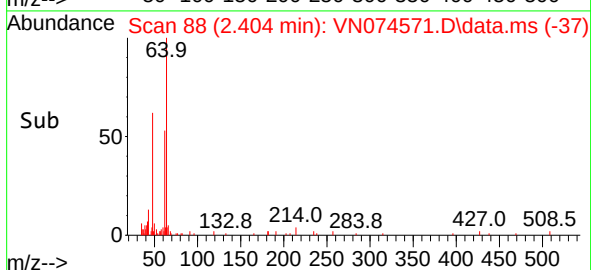
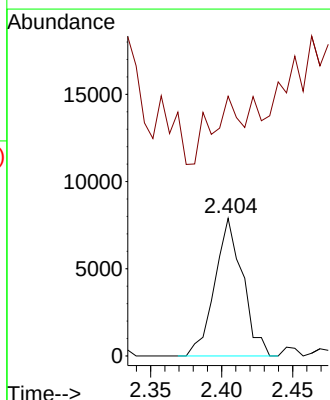
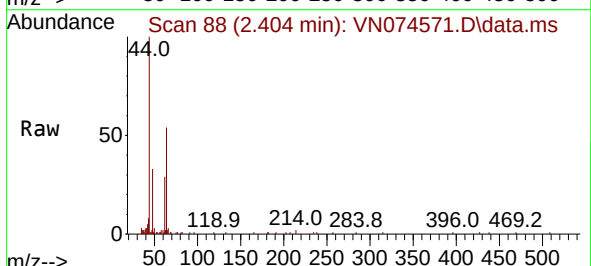
Manual Integrations
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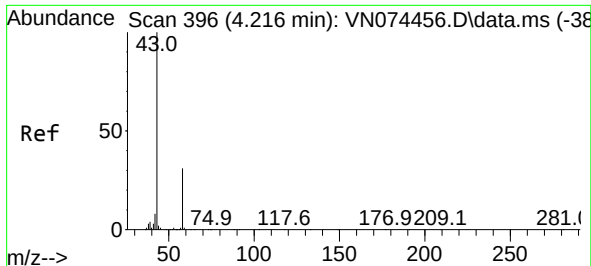
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#4
Vinyl Chloride
Concen: 2.158 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074571.D
Acq: 17 Sep 2022 21:21

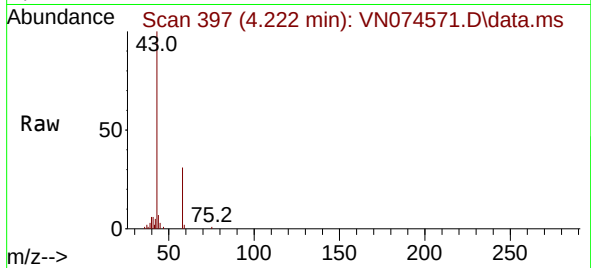
Tgt Ion: 62 Resp: 10821
Ion Ratio Lower Upper
62 100
64 11.5 25.0 37.4#





#16
Acetone
Concen: 14.496 ug/l
RT: 4.222 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074571.D
Acq: 17 Sep 2022 21:21

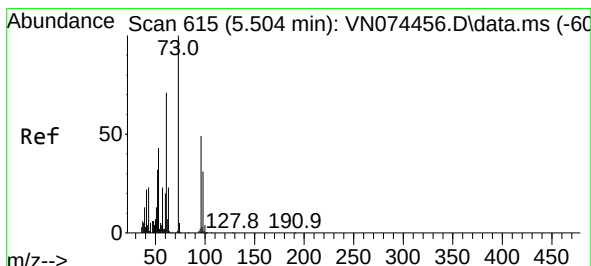
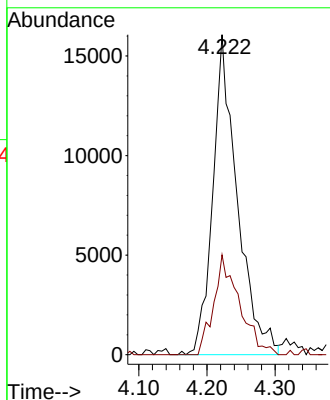
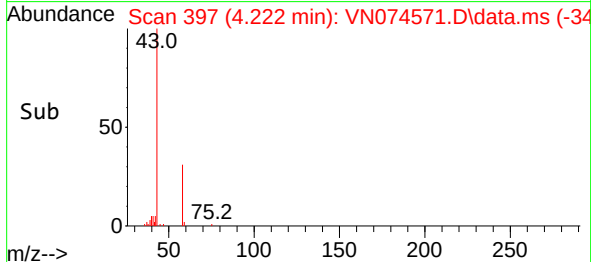
Instrument :
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Tgt Ion: 43 Resp: 4027
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0

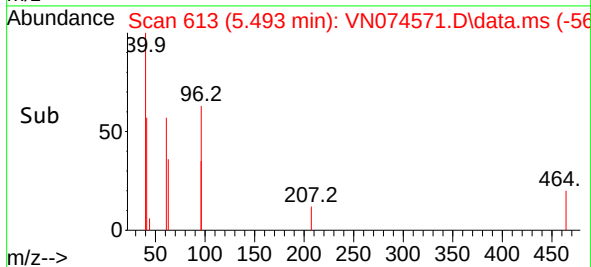
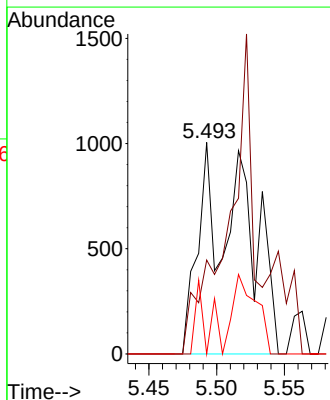
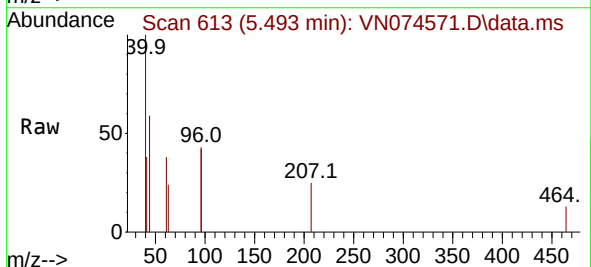
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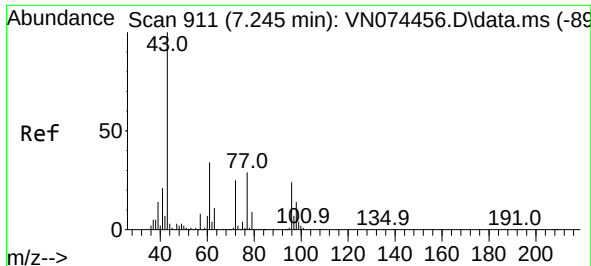
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#21
trans-1,2-Dichloroethene
Concen: 1.044 ug/l m
RT: 5.493 min Scan# 613
Delta R.T. -0.011 min
Lab File: VN074571.D
Acq: 17 Sep 2022 21:21

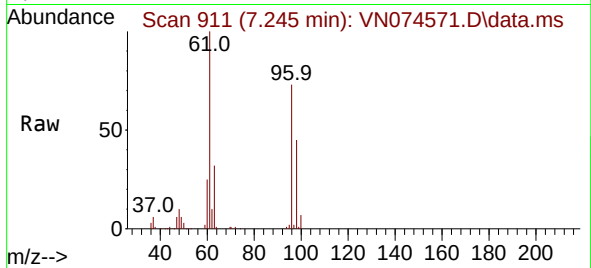
Tgt Ion: 96 Resp: 2295
Ion Ratio Lower Upper
96 100
61 87.5 105.8 158.8#
98 0.0 50.3 75.5#





#27
cis-1,2-Dichloroethene
Concen: 41.775 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074571.D
Acq: 17 Sep 2022 21:21

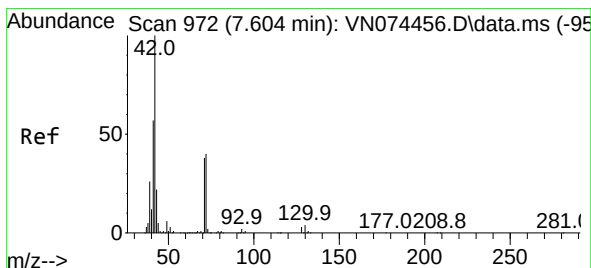
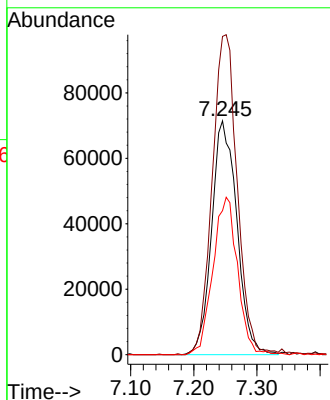
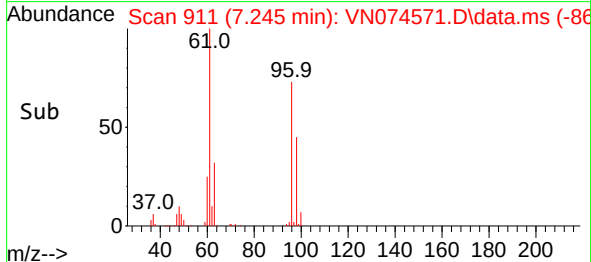
Instrument :
MSVOA_N
ClientSampleId :
1037-MW-11(15)



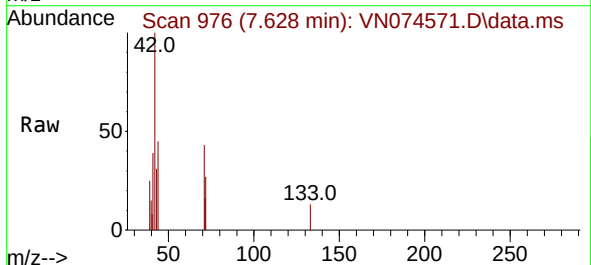
Tgt Ion: 96 Resp: 197954
Ion Ratio Lower Upper
96 100
61 135.4 0.0 280.6
98 65.8 0.0 128.4

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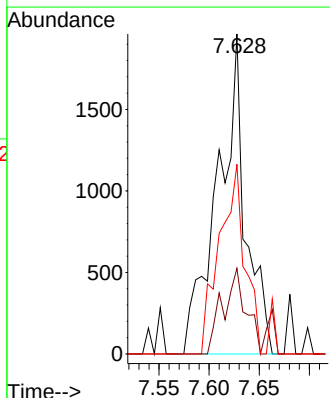
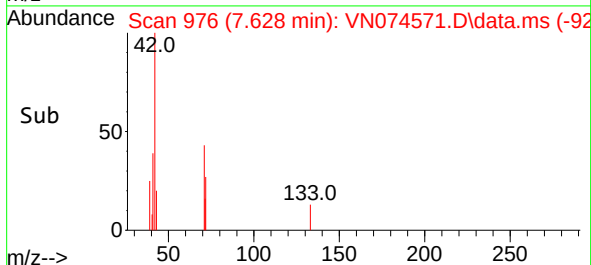
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

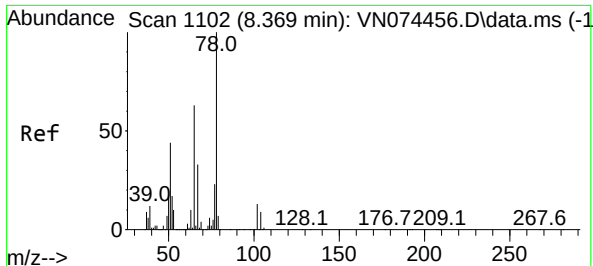


#29
Tetrahydrofuran
Concen: 1.244 ug/l
RT: 7.628 min Scan# 976
Delta R.T. 0.024 min
Lab File: VN074571.D
Acq: 17 Sep 2022 21:21



Tgt Ion: 42 Resp: 3774
Ion Ratio Lower Upper
42 100
72 22.4 39.7 59.5#
71 54.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 47.756 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074571.D

Acq: 17 Sep 2022 21:21

Instrument :

MSVOA_N

ClientSampleId :

1037-MW-11(15)

Tgt Ion: 65 Resp: 207362

Ion Ratio Lower Upper

65 100

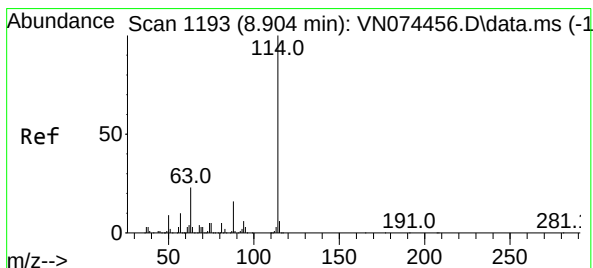
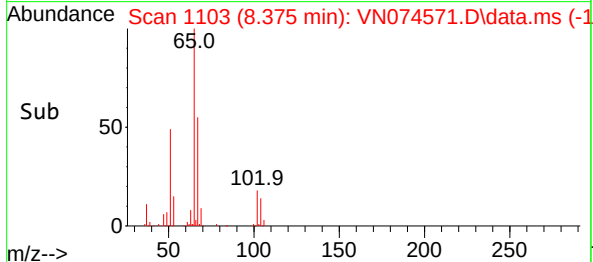
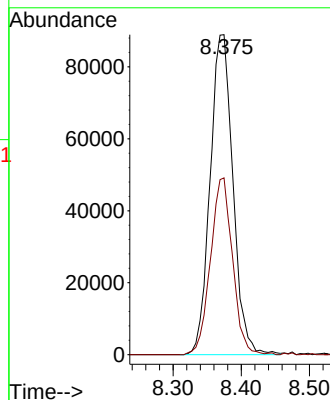
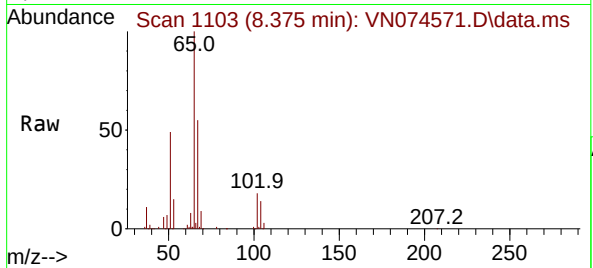
67 53.4 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074571.D

Acq: 17 Sep 2022 21:21

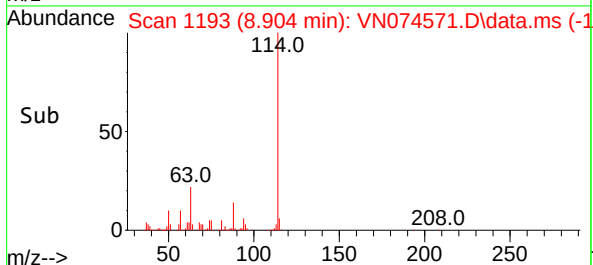
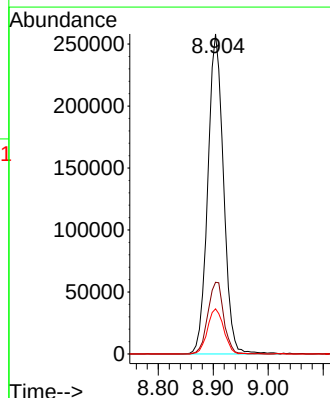
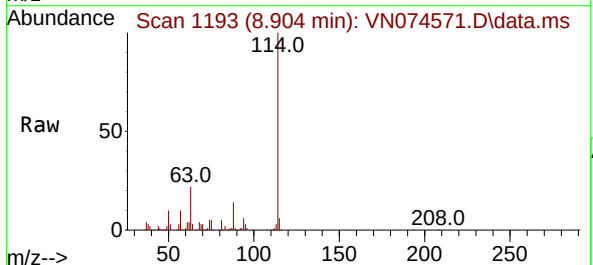
Tgt Ion:114 Resp: 511611

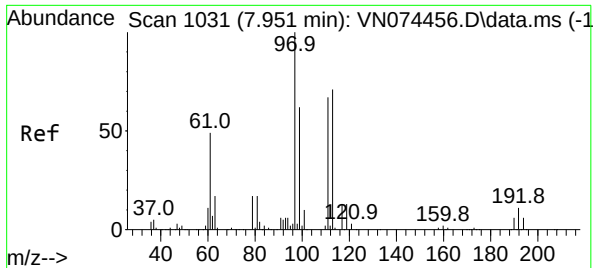
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

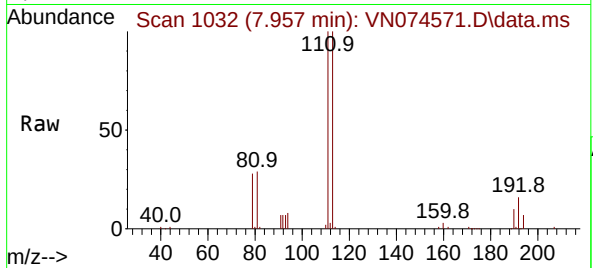
88 14.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.694 ug/l
RT: 7.957 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VN074571.D
Acq: 17 Sep 2022 21:21

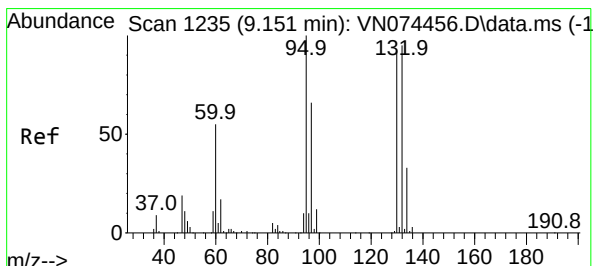
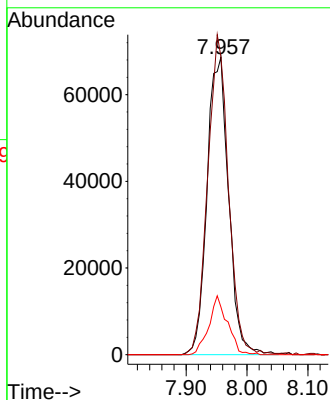
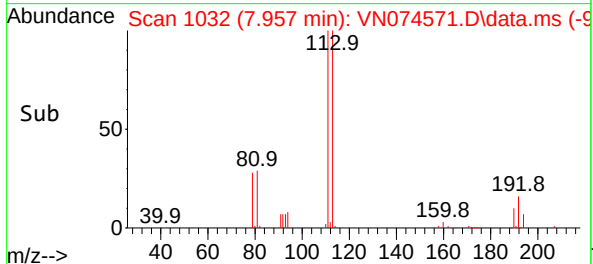
Instrument :
MSVOA_N
ClientSampleId :
1037-MW-11(15)



Tgt Ion:113 Resp: 16888
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 17.1 17.0 25.6

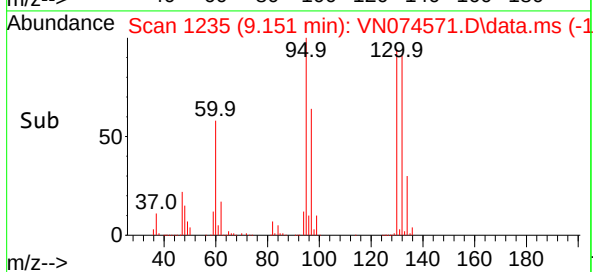
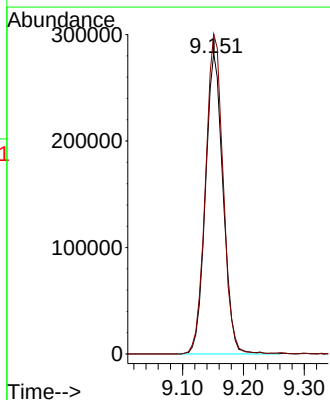
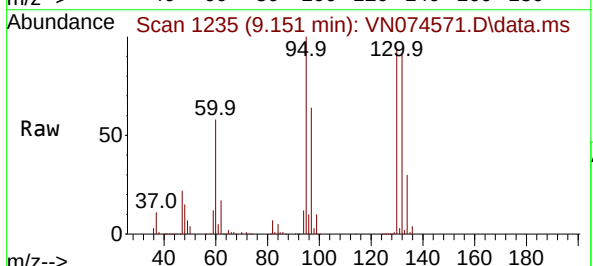
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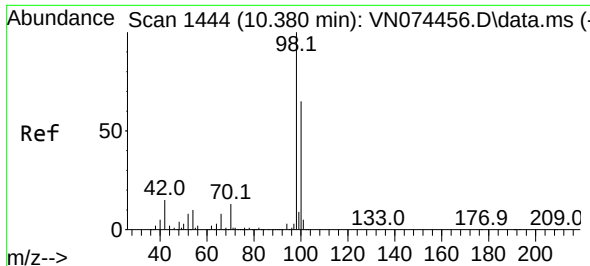
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#44
Trichloroethene
Concen: 140.761 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074571.D
Acq: 17 Sep 2022 21:21

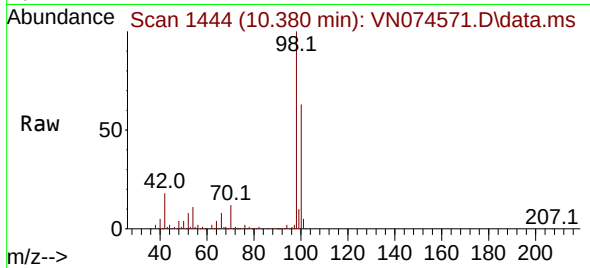
Tgt Ion:130 Resp: 566580
Ion Ratio Lower Upper
130 100
95 106.5 0.0 186.8





#50
Toluene-d8
Concen: 47.235 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074571.D
Acq: 17 Sep 2022 21:21

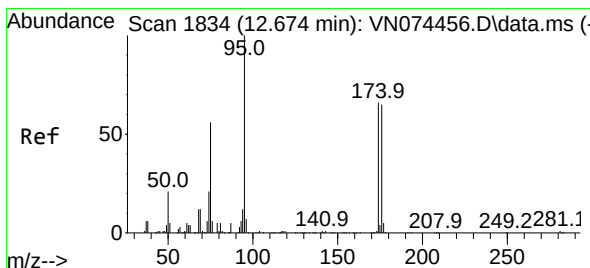
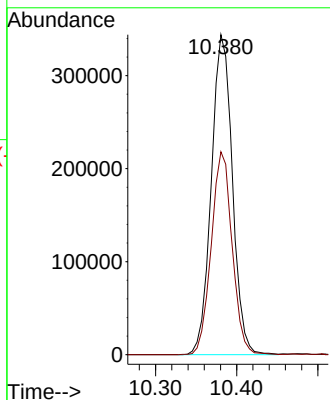
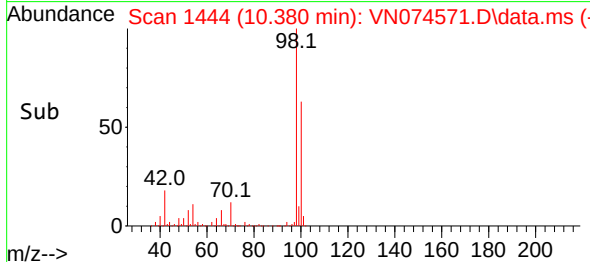
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1037-MW-11(15)



Tgt Ion: 98 Resp: 620830
Ion Ratio Lower Upper
98 100
100 62.8 52.6 78.8

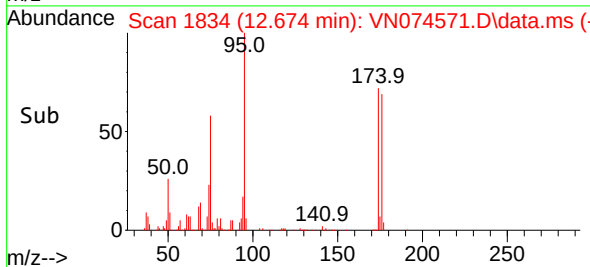
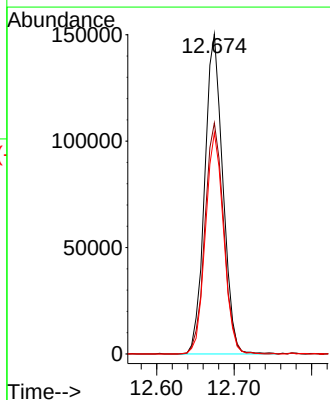
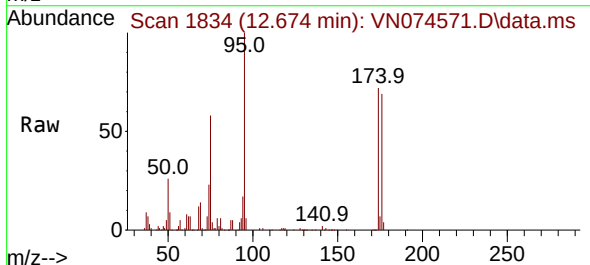
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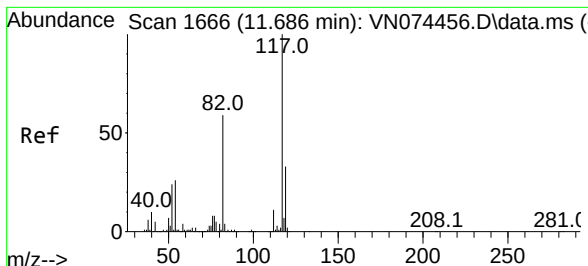
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#62
4-Bromofluorobenzene
Concen: 54.142 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074571.D
Acq: 17 Sep 2022 21:21

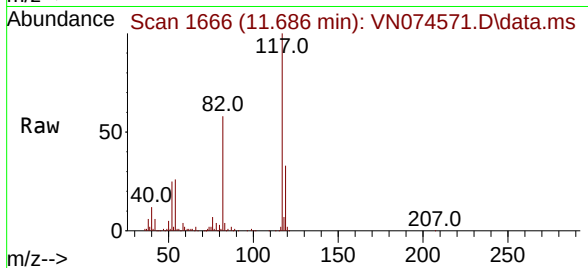
Tgt Ion: 95 Resp: 243724
Ion Ratio Lower Upper
95 100
174 74.8 0.0 167.6
176 69.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074571.D
Acq: 17 Sep 2022 21:21

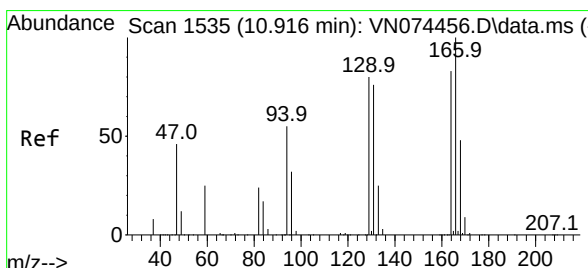
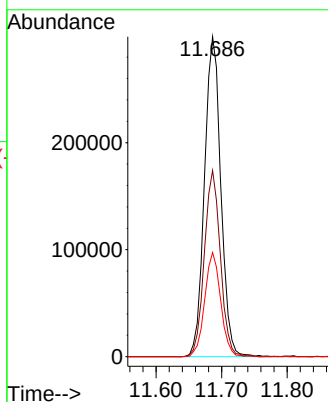
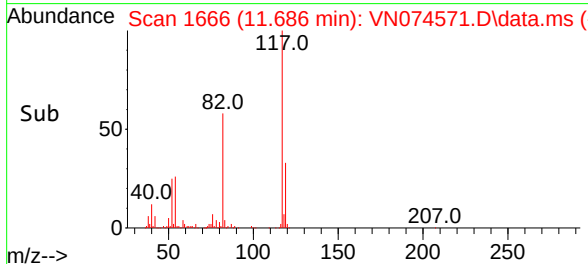
Instrument :
MSVOA_N
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1037-MW-11(15)



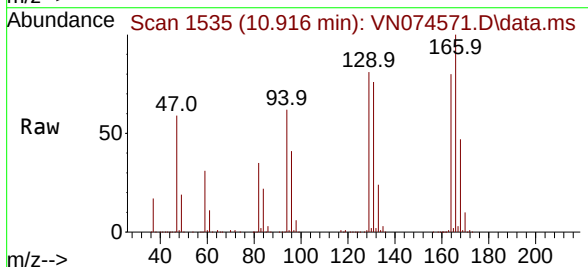
Tgt Ion:117 Resp: 520321
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 32.5 25.4 38.0

Manual Integrations
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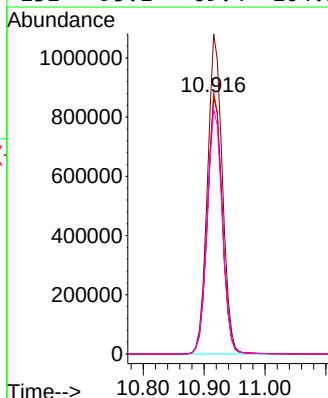
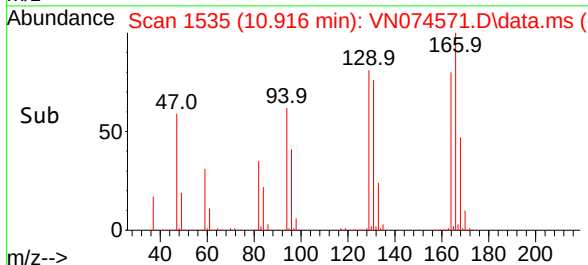
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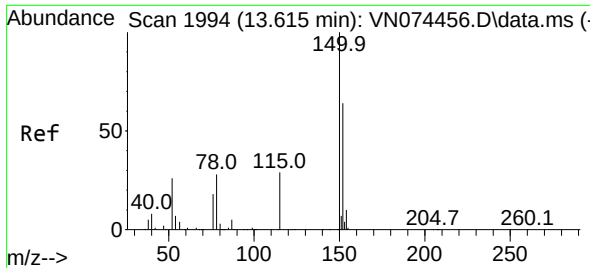


#64
Tetrachloroethene
Concen: 411.996 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074571.D
Acq: 17 Sep 2022 21:21



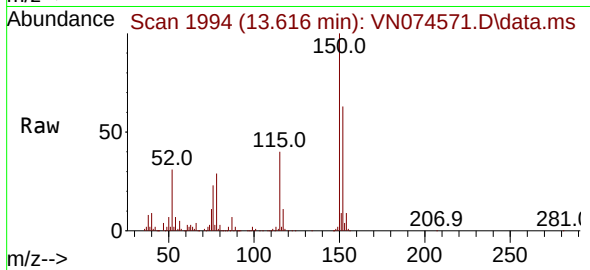
Tgt Ion:164 Resp: 1471181
Ion Ratio Lower Upper
164 100
166 124.4 104.2 156.2
129 101.4 73.9 110.9
131 95.1 69.4 104.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074571.D
 Acq: 17 Sep 2022 21:21

Instrument :
 MSVOA_N
 ClientSampleId :
 1037-MW-11(15)



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	28.9	86.7
150	158.4	0.0	356.2

Manual Integrations
 APPROVED

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

