

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075543.D
 Acq On : 02 Dec 2022 19:41
 Operator : JC\MD
 Sample : N5865-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LEA-7I

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 03 00:37:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	154946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	220103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	40294	48.446	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.900%		
35) Dibromofluoromethane	8.177	113	54239	55.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.840%		
50) Toluene-d8	10.571	98	106572	48.349	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.700%		
62) 4-Bromofluorobenzene	12.853	95	81078	49.834	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.660%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.524	62	96252	51.804	ug/l	97
12) 1,1-Dichloroethene	4.359	96	4139	2.885	ug/l	85
21) trans-1,2-Dichloroethene	5.806	96	11007	6.731	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	1667787	901.962	ug/l	84
30) Chloroform	7.971	83	2816	0.902	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	10214	3.603	ug/l #	50
38) Carbon Tetrachloride	8.365	117	1824	0.778	ug/l #	82
40) Benzene	8.606	78	1789	0.274	ug/l	94
44) Trichloroethene	9.347	130	26005706m	14544.827	ug/l	
52) Toluene	10.635	92	2578	0.612	ug/l	91
64) Tetrachloroethene	11.106	164	20241	12.042	ug/l	92
68) m/p-Xylenes	12.071	106	880	0.279	ug/l	93

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

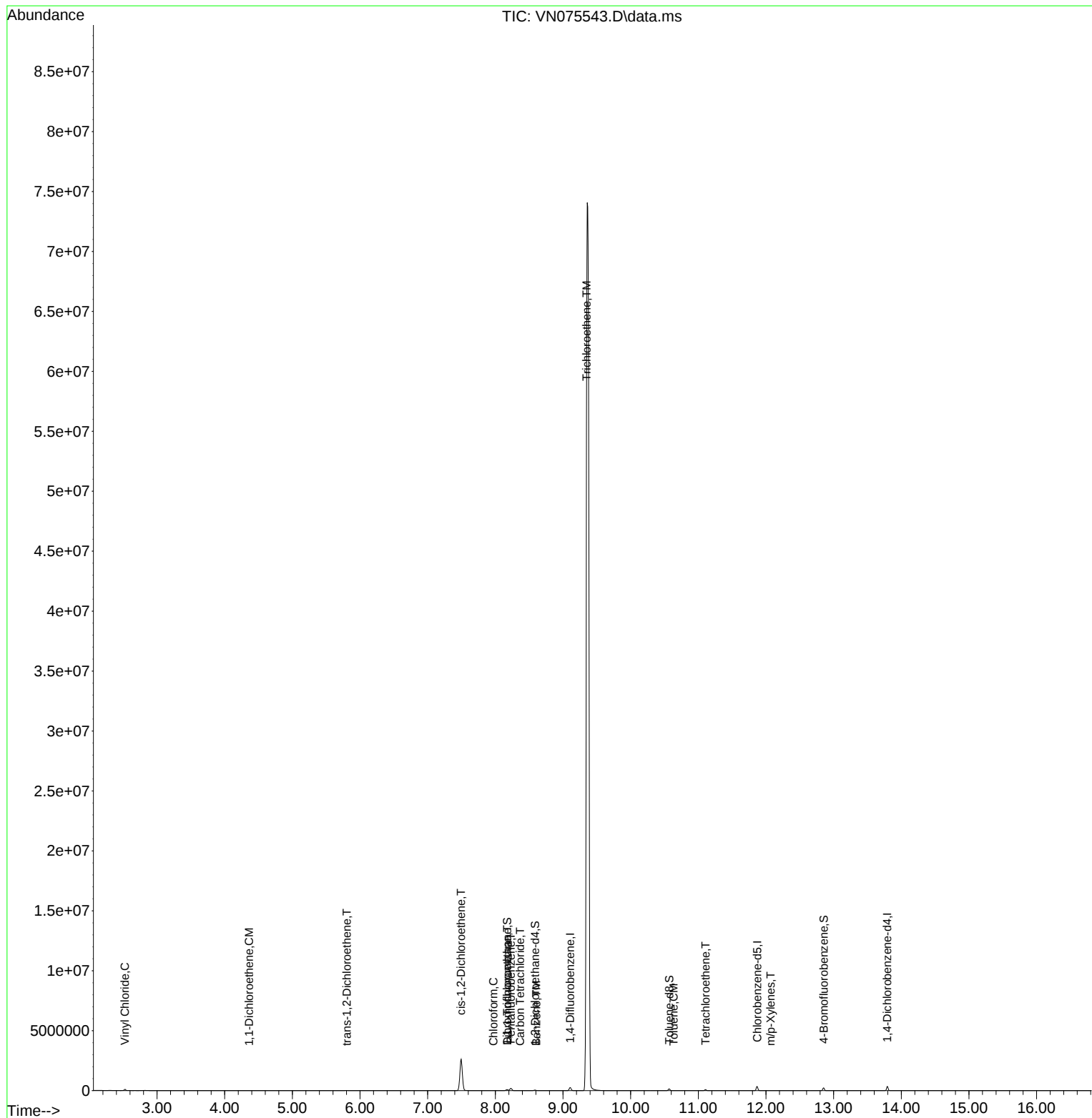
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
Data File : VN075543.D
Acq On : 02 Dec 2022 19:41
Operator : JC\MD
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ALS Vial : 22 Sample Multiplier: 1

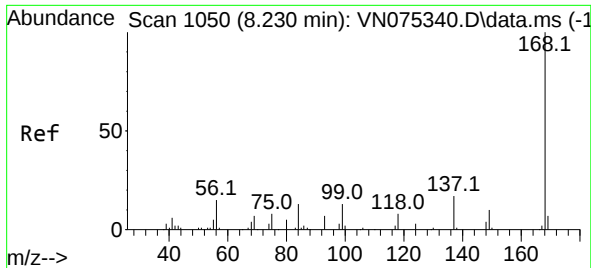
Instrument :
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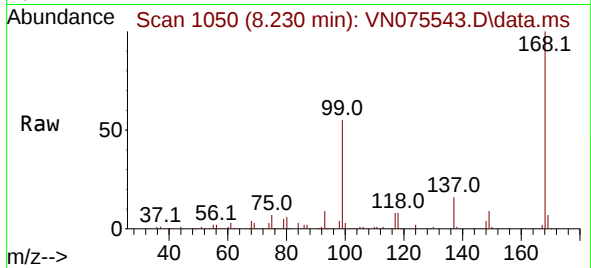
Quant Time: Dec 03 00:37:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

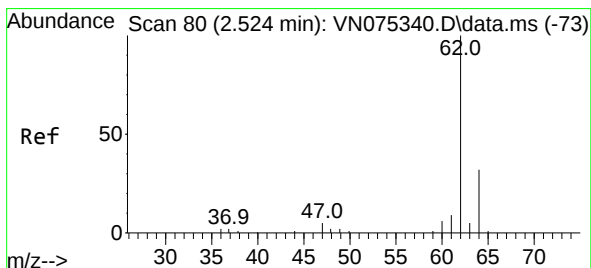
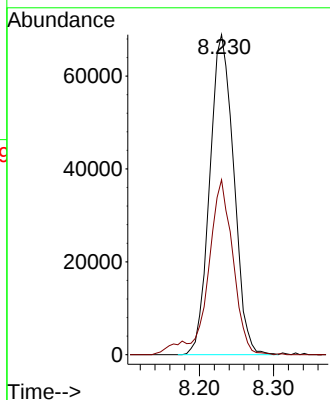
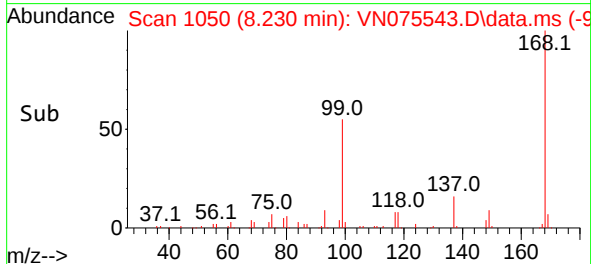
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I



Tgt Ion:168 Resp: 154940
Ion Ratio Lower Upper
168 100
99 54.4 51.6 77.4

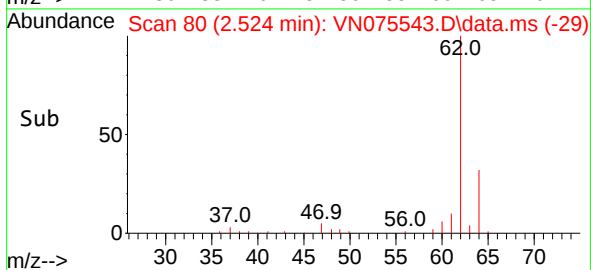
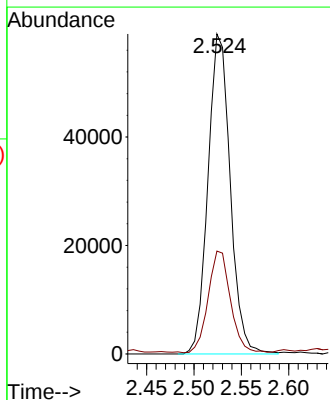
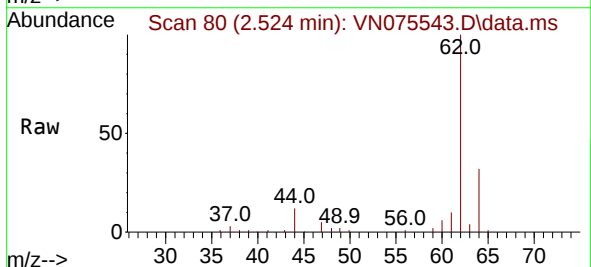
Manual Integrations
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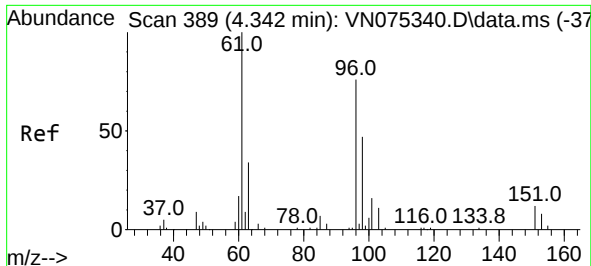
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#4
Vinyl Chloride
Concen: 51.804 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion: 62 Resp: 96252
Ion Ratio Lower Upper
62 100
64 31.5 24.0 36.0





#12

1,1-Dichloroethene

Concen: 2.885 ug/l

RT: 4.359 min Scan# 392

Delta R.T. 0.017 min

Lab File: VN075543.D

Acq: 02 Dec 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

LEA-7I

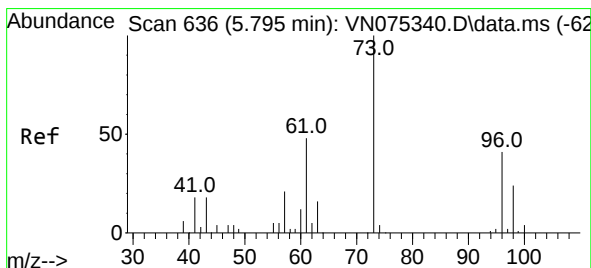
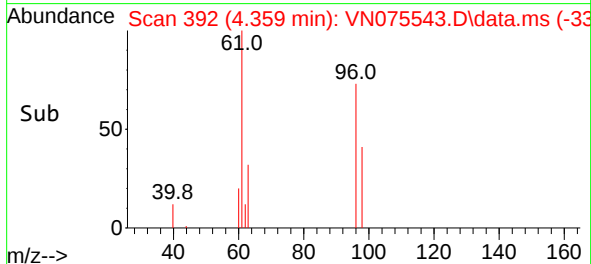
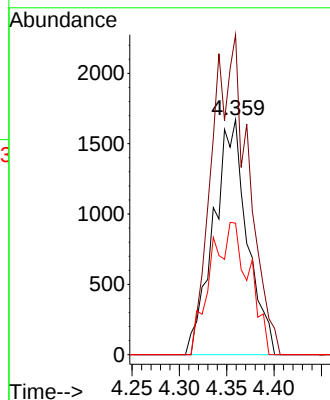
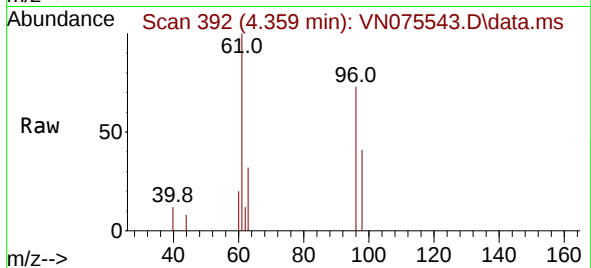
Tgt Ion: 96 Resp: 4139
 Ion Ratio Lower Upper
 96 100
 61 136.1 126.2 189.4
 98 56.0 51.5 77.3

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#21

trans-1,2-Dichloroethene

Concen: 6.731 ug/l

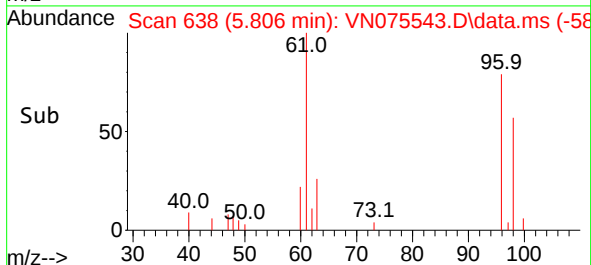
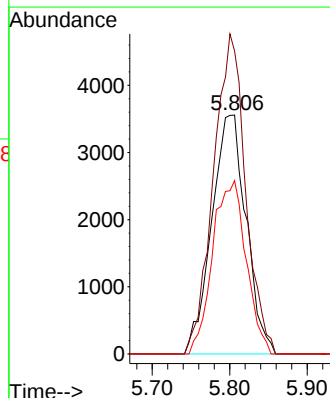
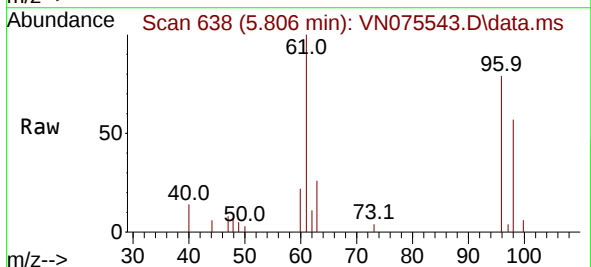
RT: 5.806 min Scan# 638

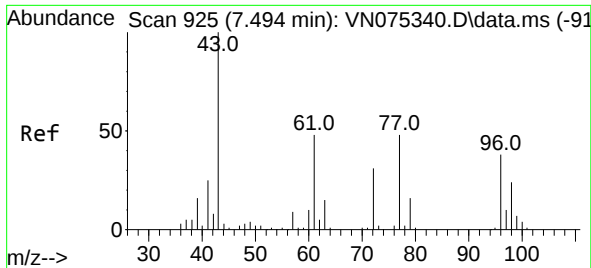
Delta R.T. 0.011 min

Lab File: VN075543.D

Acq: 02 Dec 2022 19:41

Tgt Ion: 96 Resp: 11007
 Ion Ratio Lower Upper
 96 100
 61 126.8 99.9 149.9
 98 72.5 51.5 77.3





#27

cis-1,2-Dichloroethene

Concen: 901.962 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075543.D

Acq: 02 Dec 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

LEA-7I

Tgt Ion: 96 Resp: 166778

Ion Ratio Lower Upper

96 100

61 111.5 0.0 278.8

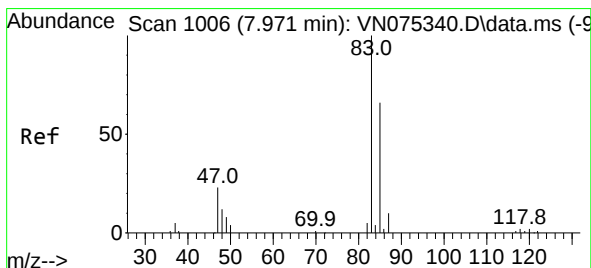
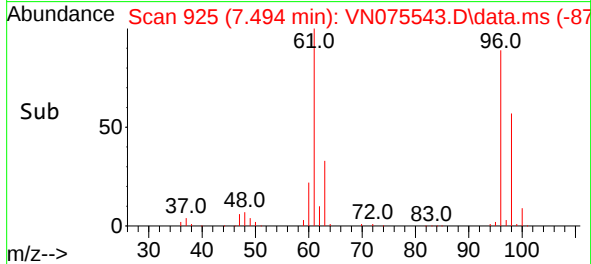
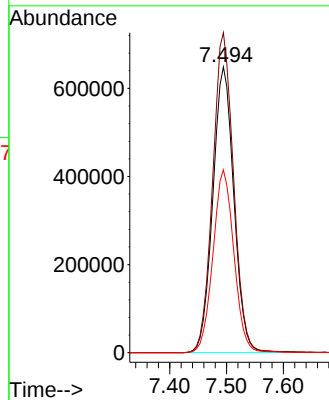
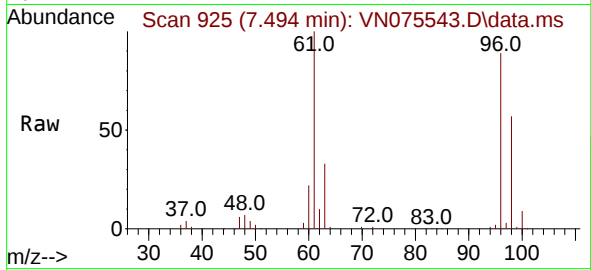
98 63.8 0.0 128.4

Manual Integrations

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Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#30

Chloroform

Concen: 0.902 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075543.D

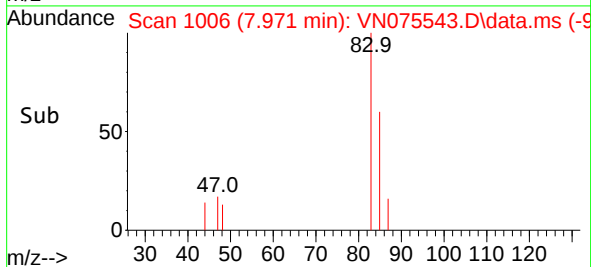
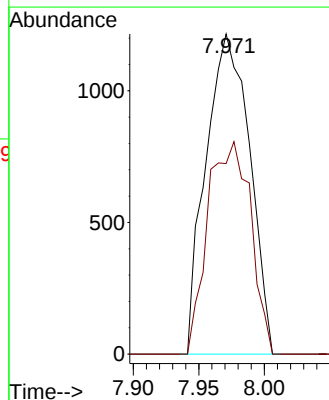
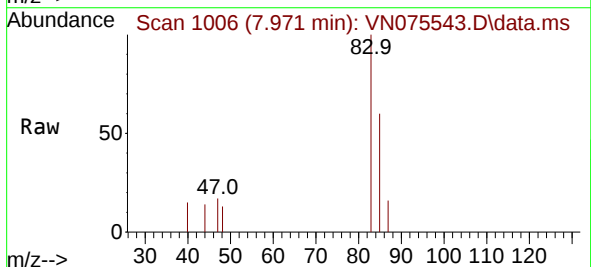
Acq: 02 Dec 2022 19:41

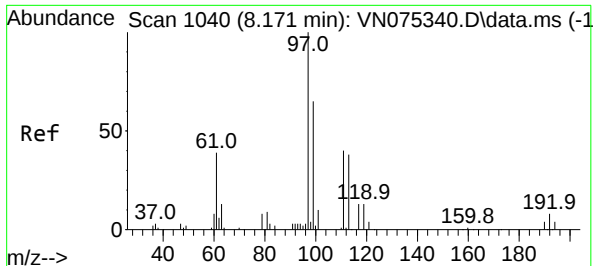
Tgt Ion: 83 Resp: 2816

Ion Ratio Lower Upper

83 100

85 59.5 51.4 77.0





#32

1,1,1-Trichloroethane

Concen: 3.603 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075543.D

Acq: 02 Dec 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

LEA-7I

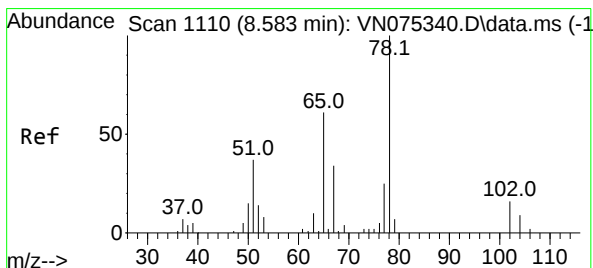
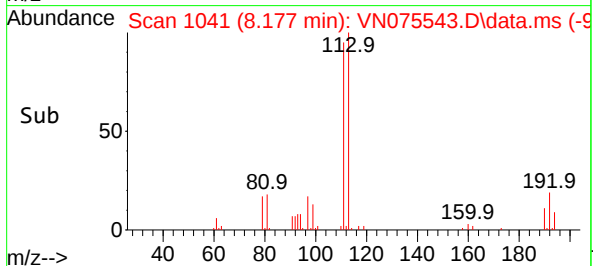
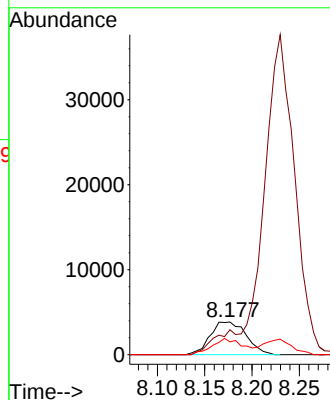
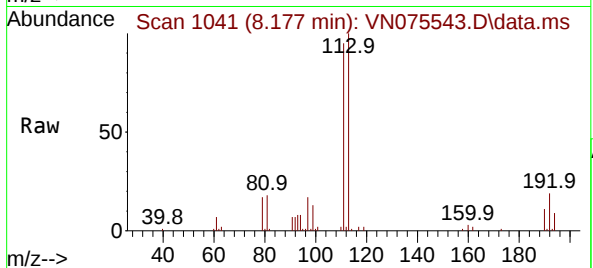
Tgt Ion:	97	Resp:	10214
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.2	75.2
61	41.2	37.0	55.6

Manual Integrations

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Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#33

1,2-Dichloroethane-d4

Concen: 48.446 ug/l

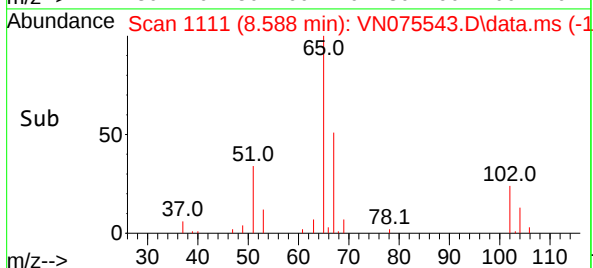
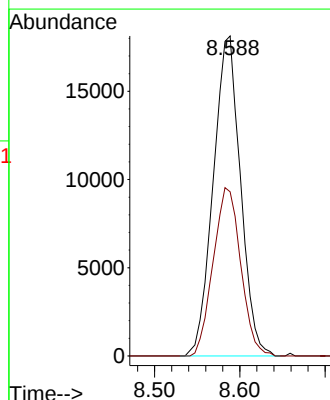
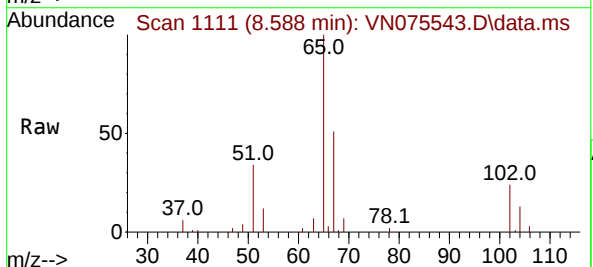
RT: 8.588 min Scan# 1111

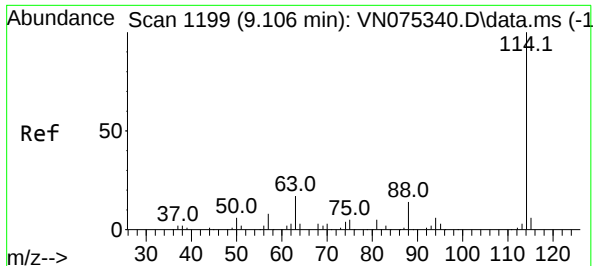
Delta R.T. 0.005 min

Lab File: VN075543.D

Acq: 02 Dec 2022 19:41

Tgt Ion:	65	Resp:	40294
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	102.0





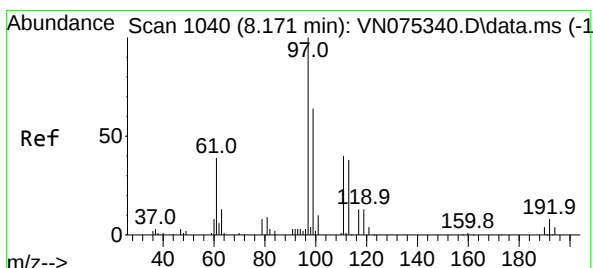
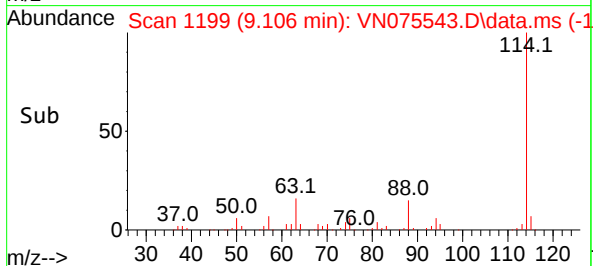
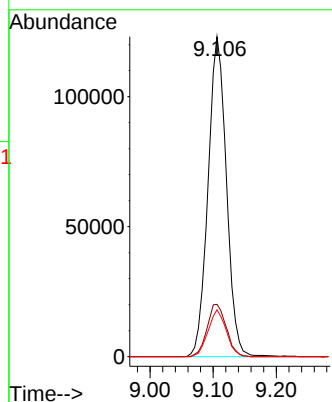
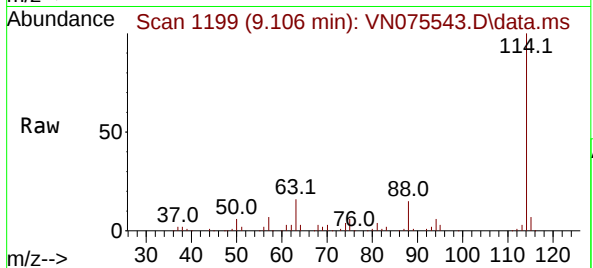
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

Tgt Ion:114 Resp: 249129
Ion Ratio Lower Upper
114 100
63 16.4 0.0 39.6
88 14.6 0.0 29.0

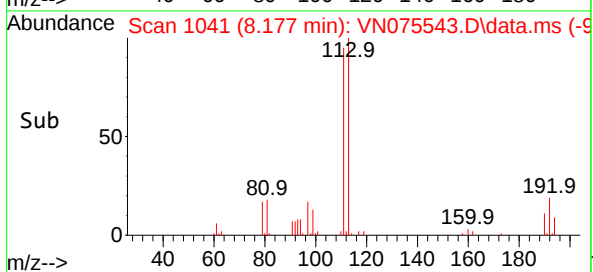
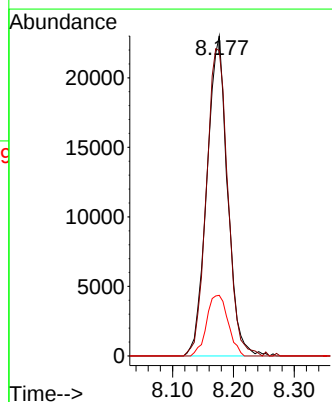
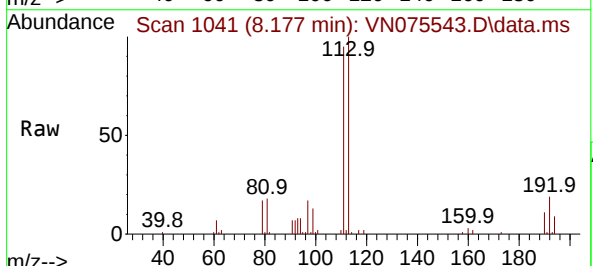
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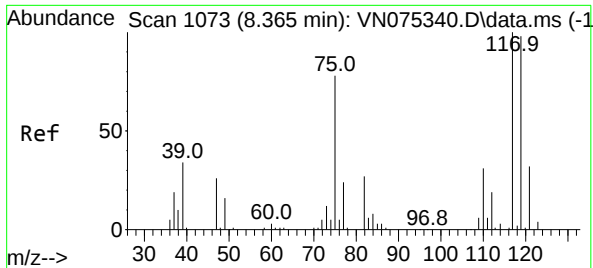
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#35
Dibromofluoromethane
Concen: 55.422 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

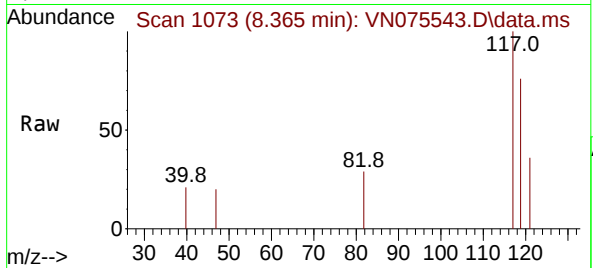
Tgt Ion:113 Resp: 54239
Ion Ratio Lower Upper
113 100
111 99.4 80.5 120.7
192 19.6 13.2 19.8





#38
Carbon Tetrachloride
Concen: 0.778 ug/l
RT: 8.365 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

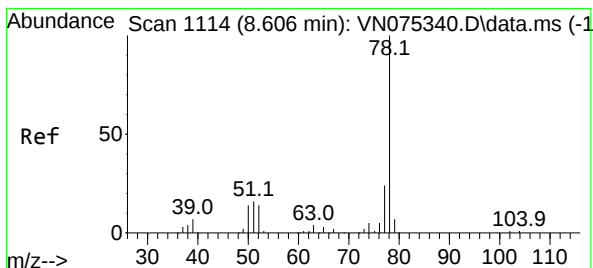
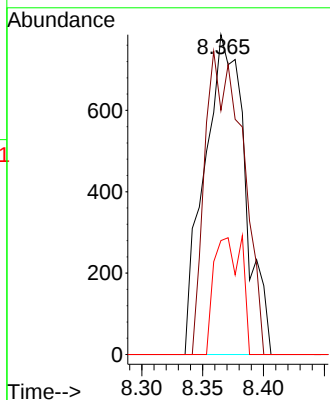
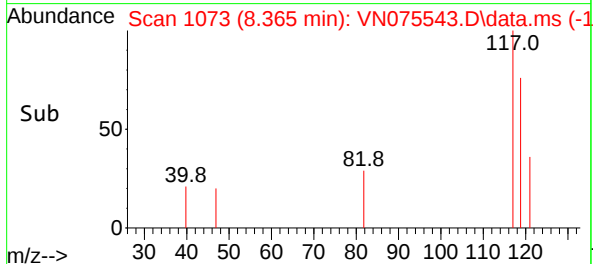
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I



Tgt Ion: 117 Resp: 1824
Ion Ratio Lower Upper
117 100
119 76.3 76.7 115.1
121 35.6 23.9 35.9

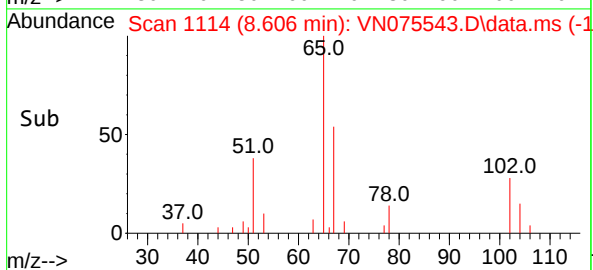
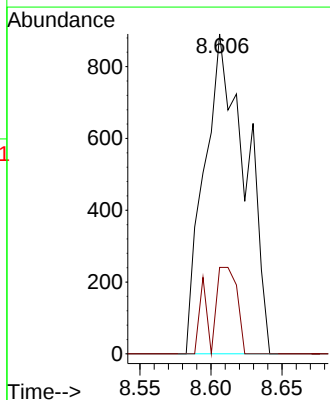
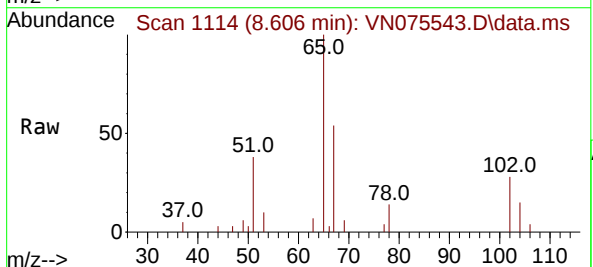
Manual Integrations
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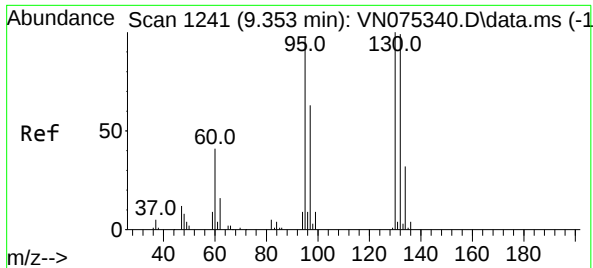
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#40
Benzene
Concen: 0.274 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

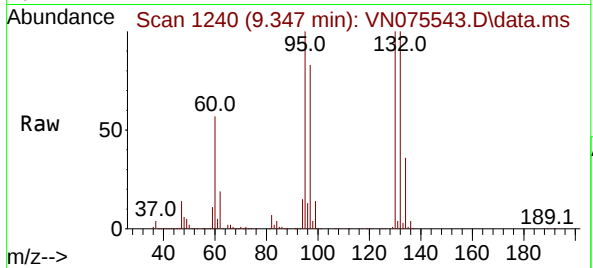
Tgt Ion: 78 Resp: 1789
Ion Ratio Lower Upper
78 100
77 27.0 19.4 29.0





#44
Trichloroethene
Concen: 14544.827 ug/l m
RT: 9.347 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

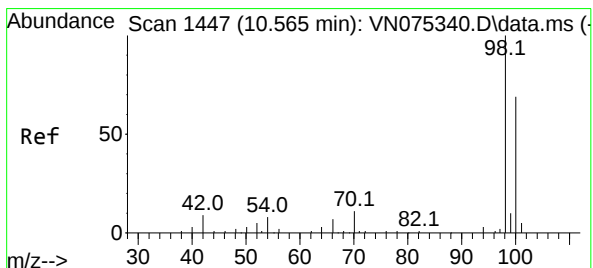
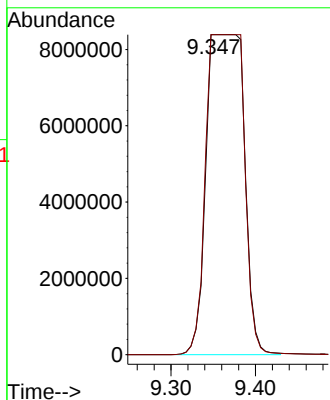
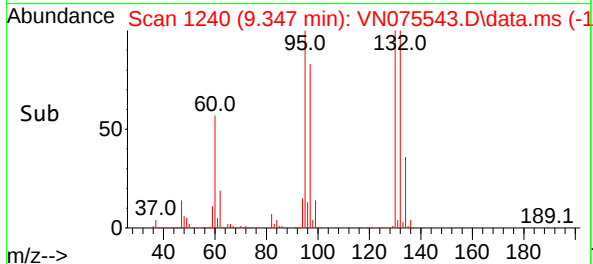
Instrument :
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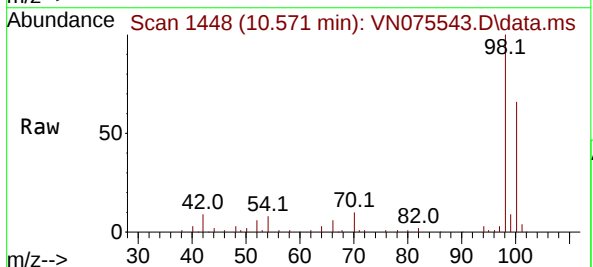
Tgt Ion:130 Resp:2600570
Ion Ratio Lower Upper
130 100
95 100.0 0.0 198.4

Manual Integrations
APPROVED

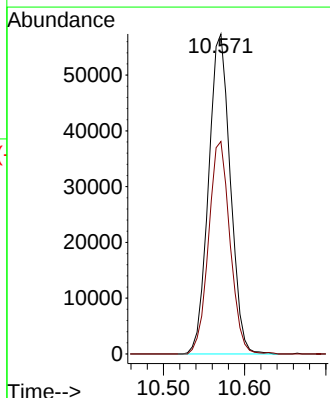
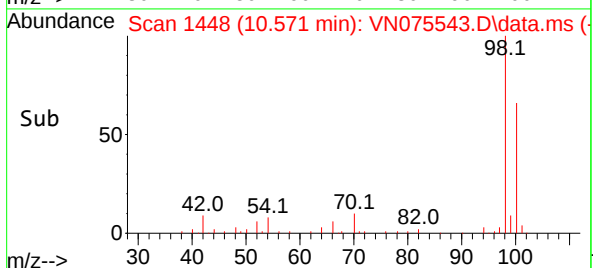
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

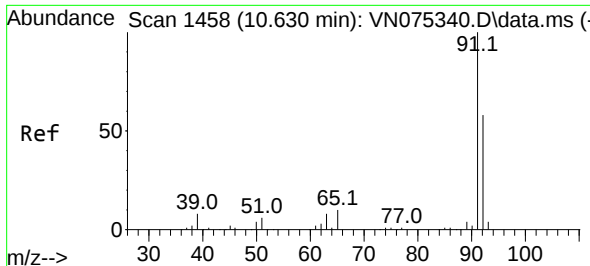


#50
Toluene-d8
Concen: 48.349 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41



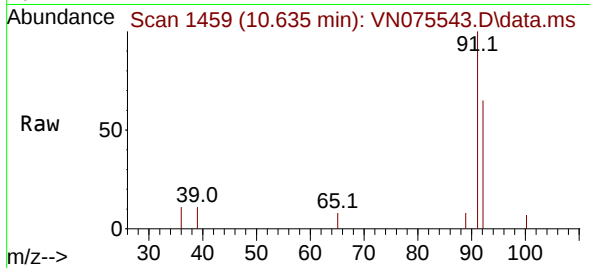
Tgt Ion: 98 Resp: 106572
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6





#52
Toluene
Concen: 0.612 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

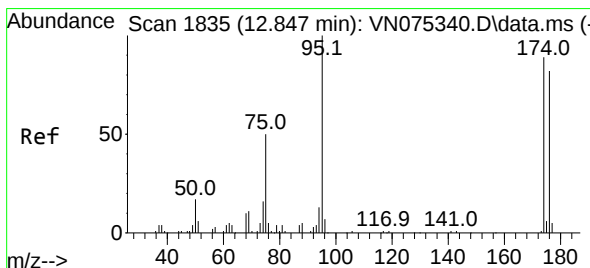
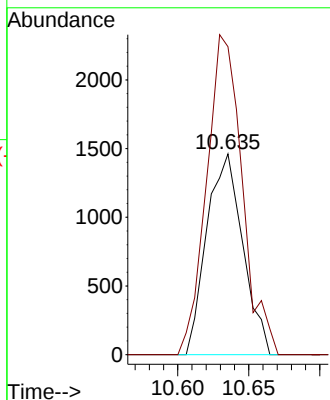
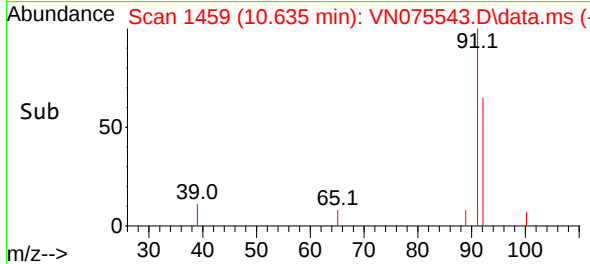
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I



Tgt Ion: 92 Resp: 2578
Ion Ratio Lower Upper
92 100
91 157.4 135.4 203.2

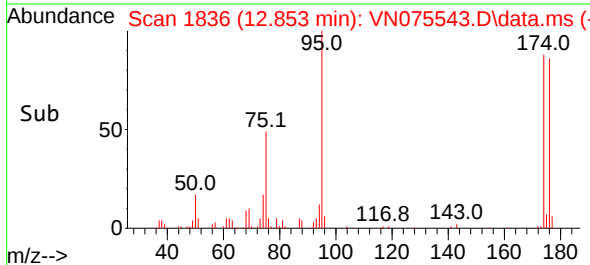
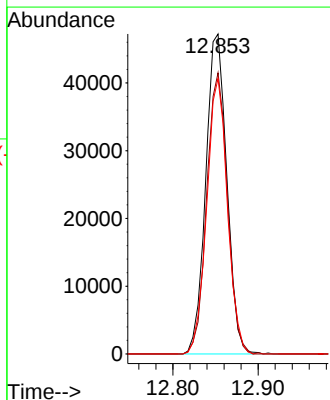
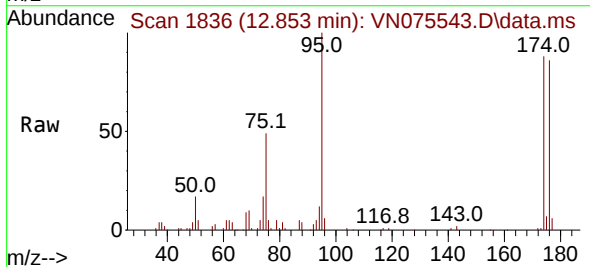
Manual Integrations
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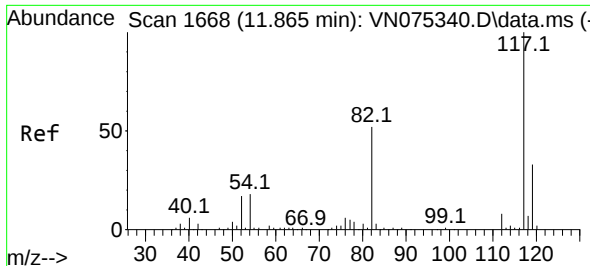
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#62
4-Bromofluorobenzene
Concen: 49.834 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

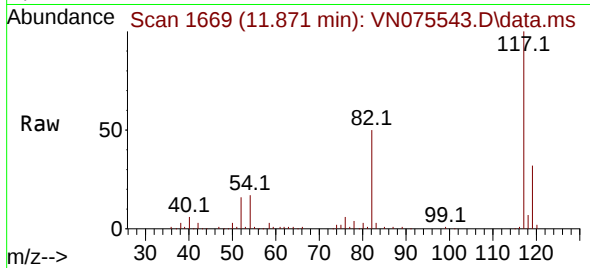
Tgt Ion: 95 Resp: 81078
Ion Ratio Lower Upper
95 100
174 86.7 0.0 147.4
176 84.2 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

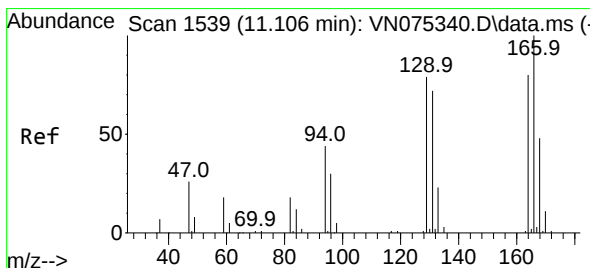
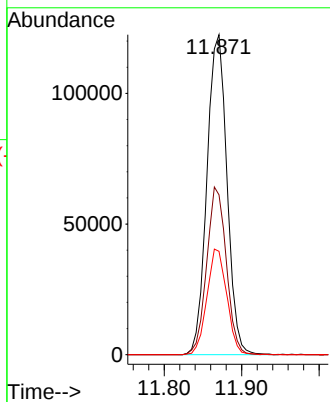
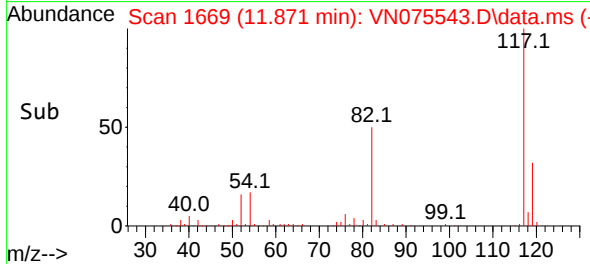
Instrument :
MSVOA_N
ClientSampleId :
LEA-7I



Tgt Ion:117 Resp: 22010
Ion Ratio Lower Upper
117 100
82 50.0 43.1 64.7
119 32.3 25.5 38.3

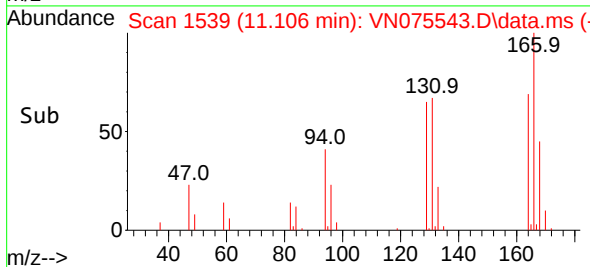
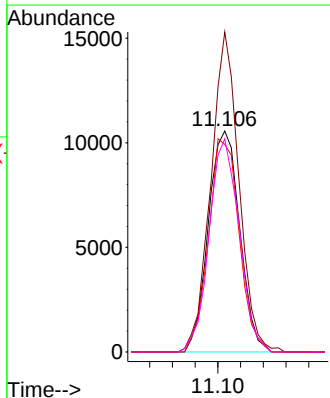
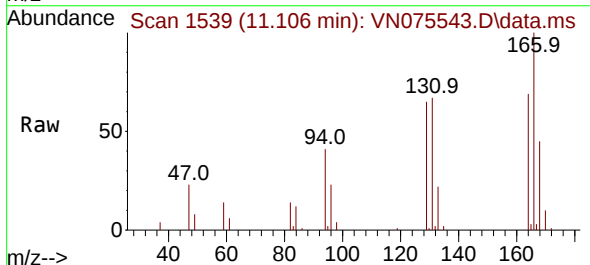
Manual Integrations
APPROVED

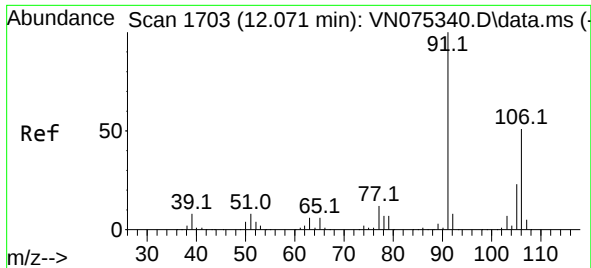
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#64
Tetrachloroethene
Concen: 12.042 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion:164 Resp: 20241
Ion Ratio Lower Upper
164 100
166 144.8 106.5 159.7
129 94.0 81.9 122.9
131 96.5 81.4 122.2





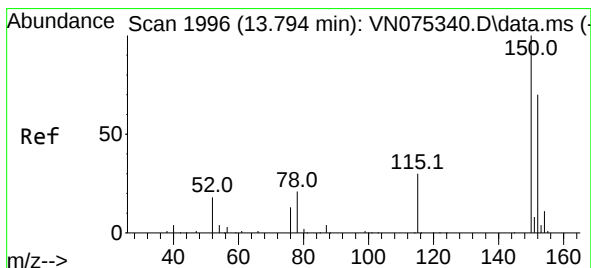
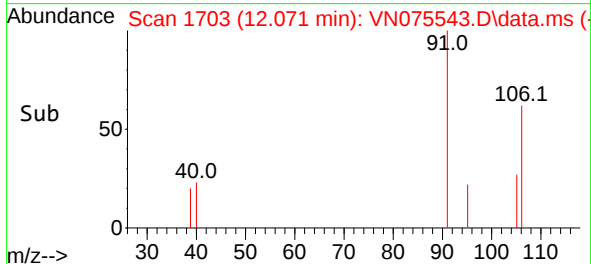
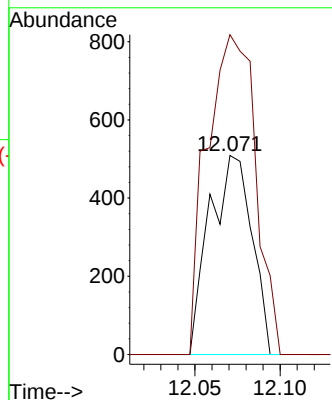
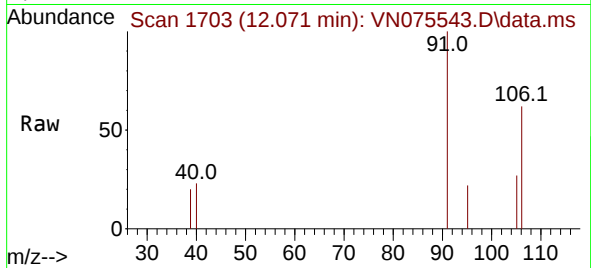
#68
m/p-Xylenes
Concen: 0.279 ug/l
RT: 12.071 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Instrument :
MSVOA_N
ClientSampleId :
LEA-7I

Tgt Ion:106 Resp: 880
Ion Ratio Lower Upper
106 100
91 184.4 156.0 234.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075543.D
Acq: 02 Dec 2022 19:41

Tgt Ion:152 Resp: 100651
Ion Ratio Lower Upper
152 100
115 57.1 30.2 90.6
150 155.1 0.0 348.4

