

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081709.D
 Acq On : 12 Apr 2024 11:31
 Operator : JC\MD
 Sample : VN0412WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/15/2024
 Supervised By : Mahesh Dadoda 04/15/2024

Quant Time: Apr 13 06:52:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	264535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	453149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	428143	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	184628	54.728	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.460%			
35) Dibromofluoromethane	8.165	113	154971	54.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.380%			
50) Toluene-d8	10.571	98	529960	51.264	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.520%			
62) 4-Bromofluorobenzene	12.853	95	203903	55.976	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 111.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	70976	19.926	ug/l	97
3) Chloromethane	2.359	50	73775	20.803	ug/l	99
4) Vinyl Chloride	2.512	62	66456	16.697	ug/l	91
5) Bromomethane	2.959	94	47732	16.958	ug/l	97
6) Chloroethane	3.124	64	43505	15.920	ug/l	99
7) Trichlorofluoromethane	3.500	101	127377	21.474	ug/l	86
8) Diethyl Ether	3.965	74	37784	19.247	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	71962	21.351	ug/l	91
10) Methyl Iodide	4.589	142	51621	15.380	ug/l	# 93
11) Tert butyl alcohol	5.512	59	54693	93.032	ug/l	# 87
12) 1,1-Dichloroethene	4.342	96	62803	20.117	ug/l	98
13) Acrolein	4.177	56	71824	136.150	ug/l	95
14) Allyl chloride	5.018	41	76140	19.463	ug/l	# 81
15) Acrylonitrile	5.718	53	161551	102.717	ug/l	98
16) Acetone	4.424	43	108585	99.597	ug/l	96
17) Carbon Disulfide	4.712	76	182513	20.372	ug/l	96
18) Methyl Acetate	5.024	43	63943	19.024	ug/l	# 84
19) Methyl tert-butyl Ether	5.794	73	208673	21.358	ug/l	# 88
20) Methylene Chloride	5.277	84	76444	21.405	ug/l	# 80
21) trans-1,2-Dichloroethene	5.783	96	71263	20.472	ug/l	87
22) Diisopropyl ether	6.671	45	191253	21.041	ug/l	# 91
23) Vinyl Acetate	6.606	43	773134	106.858	ug/l	# 87
24) 1,1-Dichloroethane	6.565	63	130006	21.354	ug/l	98
25) 2-Butanone	7.488	43	188762	100.943	ug/l	92
26) 2,2-Dichloropropane	7.494	77	122747	23.246	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	85548	21.721	ug/l	85
28) Bromochloromethane	7.812	49	52137	21.025	ug/l	# 55
29) Tetrahydrofuran	7.835	42	131058	104.035	ug/l	# 80
30) Chloroform	7.965	83	152005	23.323	ug/l	93
31) Cyclohexane	8.265	56	103745	18.898	ug/l	# 67
32) 1,1,1-Trichloroethane	8.171	97	133060	22.503	ug/l	# 90
36) 1,1-Dichloropropene	8.371	75	95587	19.861	ug/l	95
37) Ethyl Acetate	7.559	43	85659	20.785	ug/l	98
38) Carbon Tetrachloride	8.365	117	115620	21.930	ug/l	98
39) Methylcyclohexane	9.606	83	111023	20.657	ug/l	# 85
40) Benzene	8.606	78	314008	22.317	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	44189	20.275	ug/l #	90
42) 1,2-Dichloroethane	8.671	62	108400	21.891	ug/l	100
43) Isopropyl Acetate	8.688	43	138279	20.242	ug/l #	89
44) Trichloroethene	9.353	130	77905	19.686	ug/l	94
45) 1,2-Dichloropropane	9.624	63	74081	21.724	ug/l	96
46) Dibromomethane	9.706	93	58322	22.521	ug/l #	89
47) Bromodichloromethane	9.888	83	121793	24.055	ug/l #	92
48) Methyl methacrylate	9.682	41	64231	20.385	ug/l #	84
49) 1,4-Dioxane	9.694	88	31469	415.597	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	443358	106.362	ug/l	92
52) Toluene	10.635	92	200219	22.388	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	109180	19.970	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	121115	20.662	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	75190	20.892	ug/l	94
56) Ethyl methacrylate	10.876	69	105434	21.235	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	126268	21.401	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	259018	114.375	ug/l #	84
59) 2-Hexanone	11.200	43	325142	105.502	ug/l	92
60) Dibromochloromethane	11.359	129	92464	23.361	ug/l	99
61) 1,2-Dibromoethane	11.470	107	80216	21.861	ug/l	99
64) Tetrachloroethene	11.106	164	89141	21.781	ug/l	90
65) Chlorobenzene	11.894	112	223261	22.058	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	79304	21.141	ug/l	98
67) Ethyl Benzene	11.965	91	367861	20.923	ug/l	98
68) m/p-Xylenes	12.070	106	285031	43.245	ug/l	97
69) o-Xylene	12.400	106	140196	21.667	ug/l	88
70) Styrene	12.412	104	234707	22.491	ug/l	97
71) Bromoform	12.582	173	59910	21.253	ug/l #	100
73) Isopropylbenzene	12.694	105	353194	19.561	ug/l	96
74) N-amyl acetate	12.500	43	123197	18.854	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	102102	19.233	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	99622m	19.662	ug/l	
77) Bromobenzene	12.982	156	88565	19.856	ug/l	71
78) n-propylbenzene	13.035	91	425123	19.937	ug/l	96
79) 2-Chlorotoluene	13.123	91	258305	20.240	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	304285	20.404	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	35696	19.038	ug/l #	81
82) 4-Chlorotoluene	13.223	91	255466	20.304	ug/l	93
83) tert-Butylbenzene	13.441	119	250168	19.453	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	314138	20.958	ug/l	94
85) sec-Butylbenzene	13.617	105	374868	20.391	ug/l	95
86) p-Isopropyltoluene	13.729	119	306539	20.398	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	167430	20.431	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	167168	19.701	ug/l	98
89) n-Butylbenzene	14.059	91	259952	19.507	ug/l	94
90) Hexachloroethane	14.335	117	60260	21.173	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	164396	20.843	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21431	18.969	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	80622	17.678	ug/l	99
94) Hexachlorobutadiene	15.506	225	33091	16.537	ug/l	95
95) Naphthalene	15.647	128	261752	17.712	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	82686	18.025	ug/l	99

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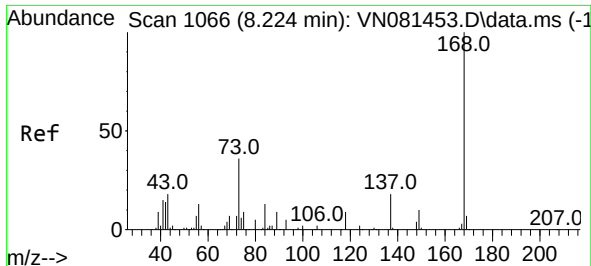
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

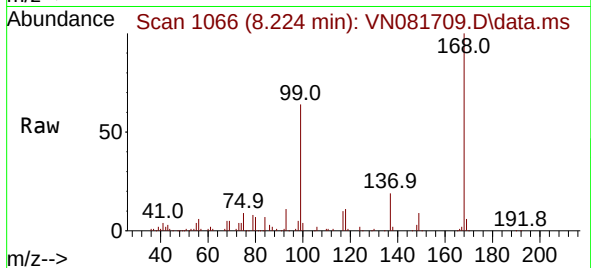
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081709.D
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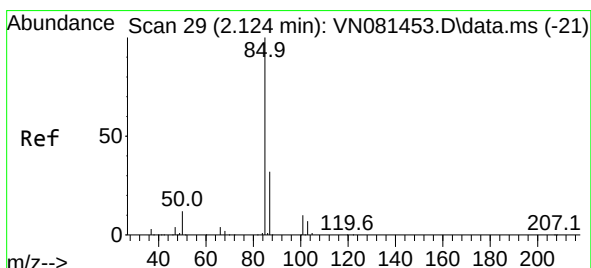
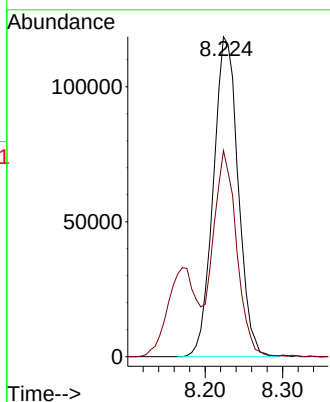
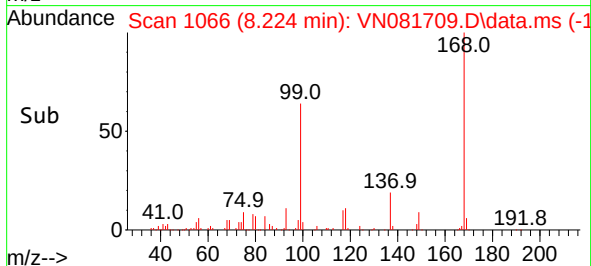
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion:168 Resp: 26453
Ion Ratio Lower Upper
168 100
99 64.1 59.9 89.9

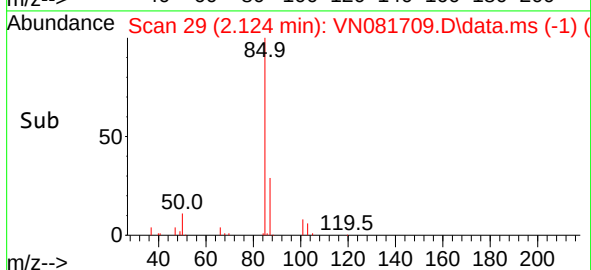
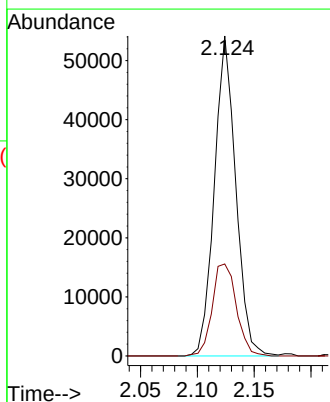
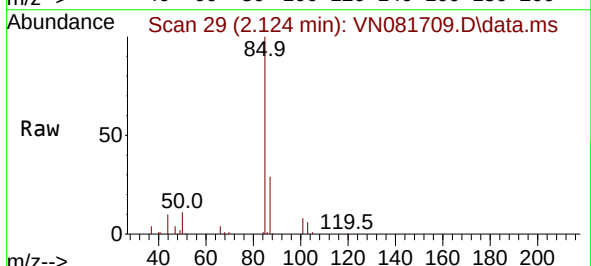
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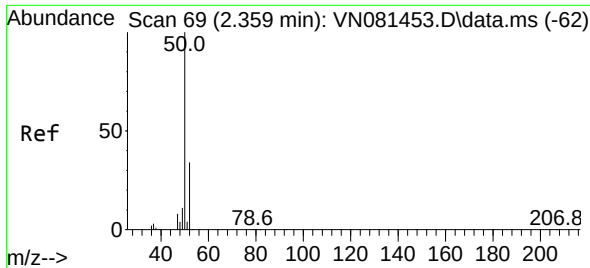
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#2
Dichlorodifluoromethane
Concen: 19.926 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

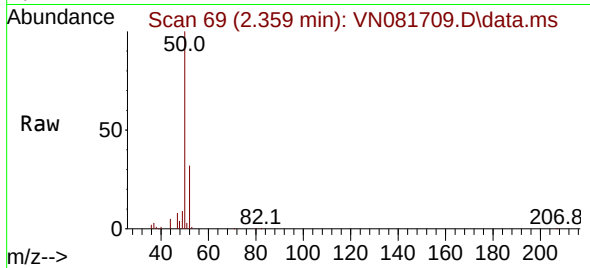
Tgt Ion: 85 Resp: 70976
Ion Ratio Lower Upper
85 100
87 28.8 15.3 45.9





#3
Chloromethane
Concen: 20.803 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

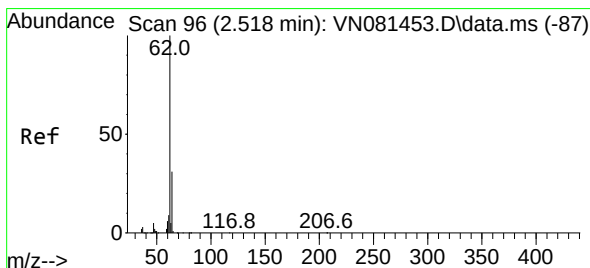
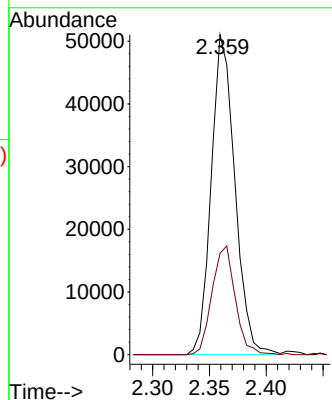
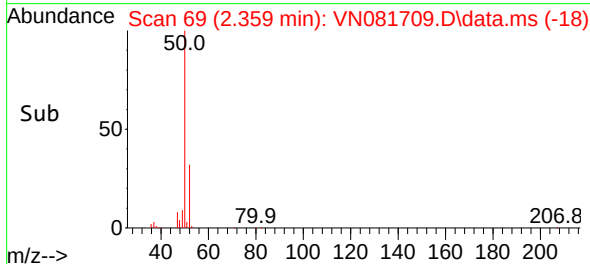
Instrument :
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Tgt Ion: 50 Resp: 73775
Ion Ratio Lower Upper
50 100
52 31.6 25.0 37.4

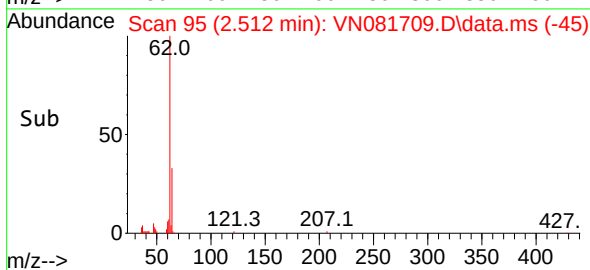
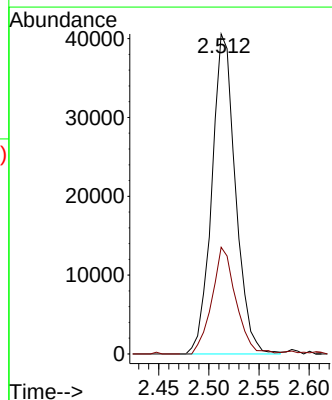
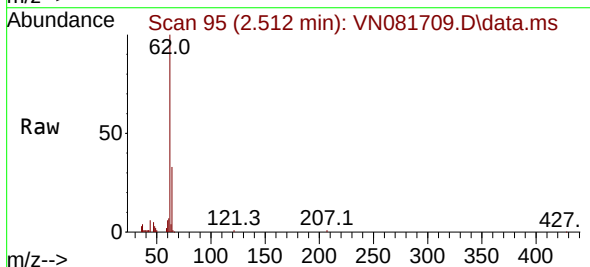
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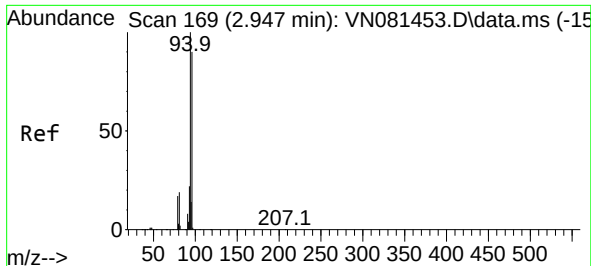
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#4
Vinyl Chloride
Concen: 16.697 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

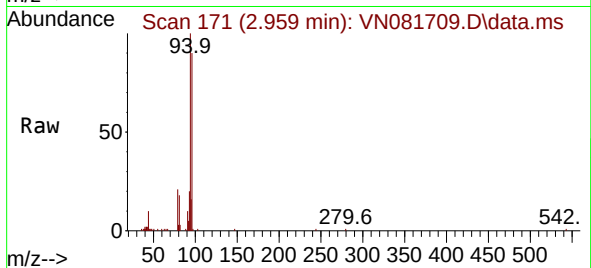
Tgt Ion: 62 Resp: 66456
Ion Ratio Lower Upper
62 100
64 33.4 22.7 34.1





#5
Bromomethane
Concen: 16.958 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

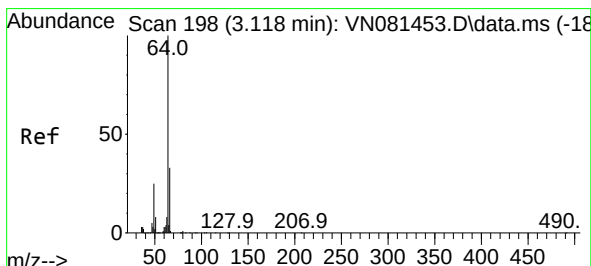
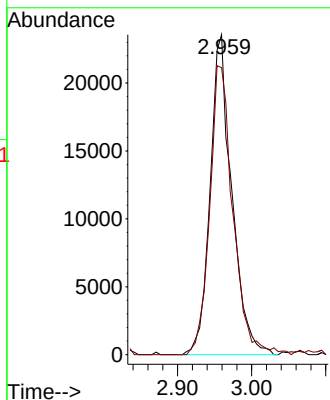
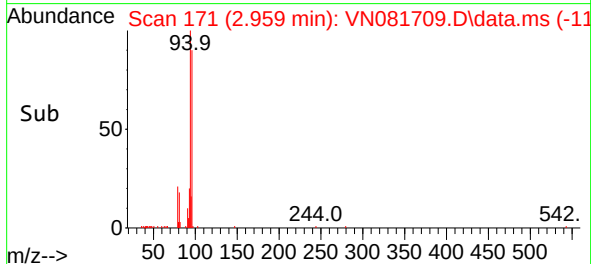
Instrument :
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Tgt Ion: 94 Resp: 47732
Ion Ratio Lower Upper
94 100
96 89.7 69.2 103.8

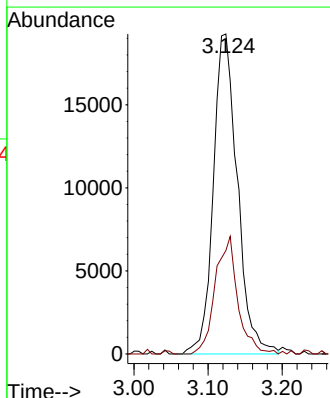
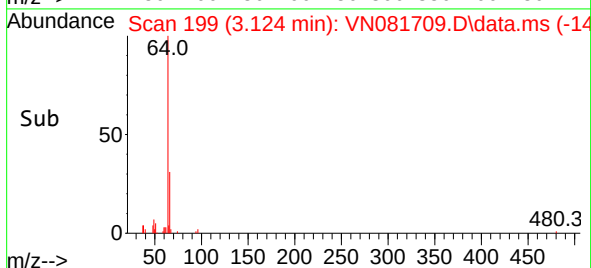
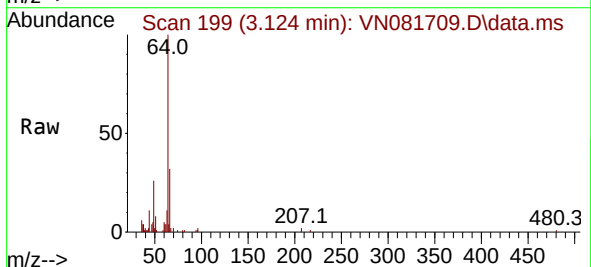
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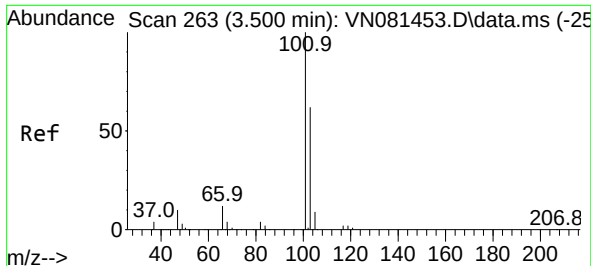
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#6
Chloroethane
Concen: 15.920 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081709.D
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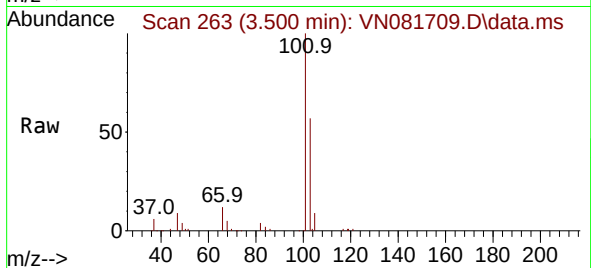
Tgt Ion: 64 Resp: 43505
Ion Ratio Lower Upper
64 100
66 32.3 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 21.474 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081709.D
 Acq: 12 Apr 2024 11:31

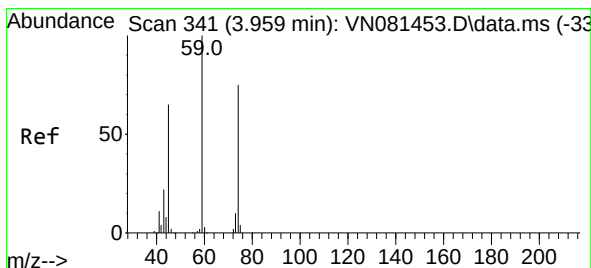
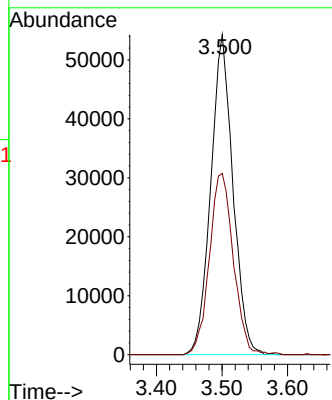
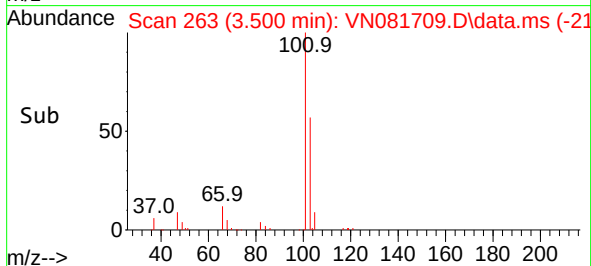
Instrument :
 MSVOA_N
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 VN0412WBS01



Tgt Ion: 101 Resp: 12737
 Ion Ratio Lower Upper
 101 100
 103 56.6 54.4 81.6

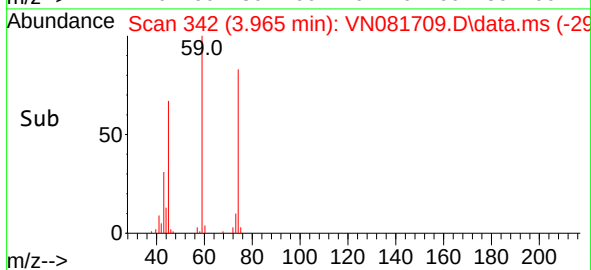
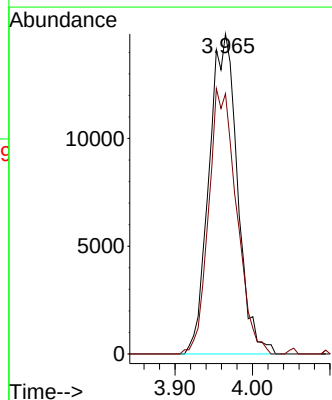
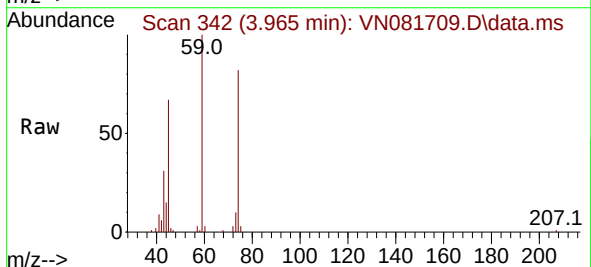
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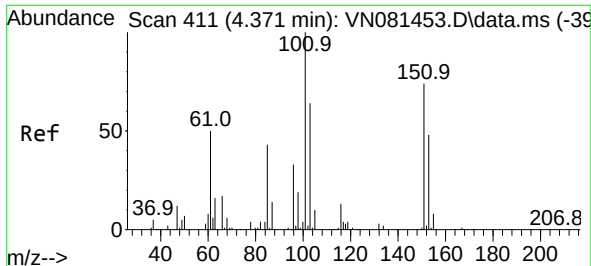
Reviewed By :John Carlone 04/15/2024
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#8
 Diethyl Ether
 Concen: 19.247 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 37784
 Ion Ratio Lower Upper
 74 100
 45 81.6 53.3 159.9





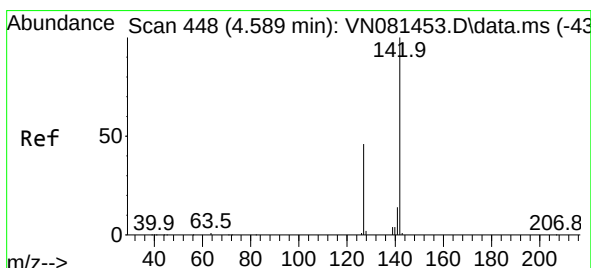
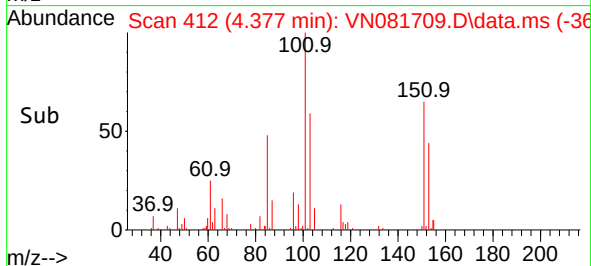
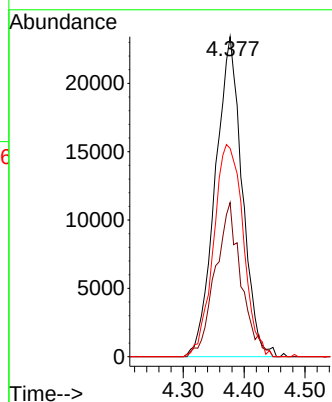
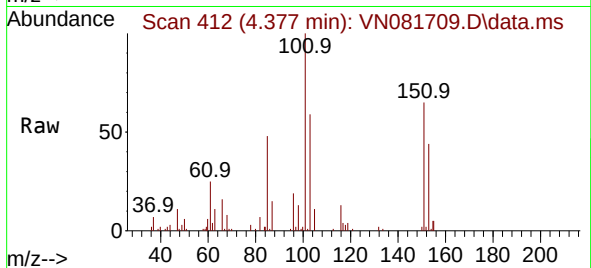
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.351 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

Tgt Ion:101 Resp: 71962
Ion Ratio Lower Upper
101 100
85 46.6 38.1 57.1
151 73.2 49.1 73.7

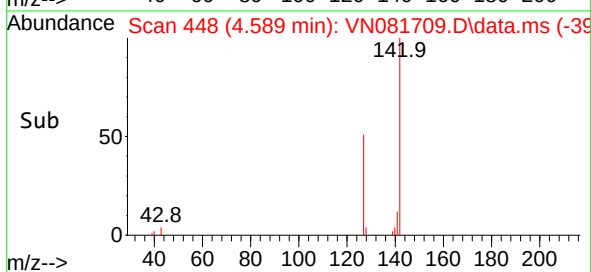
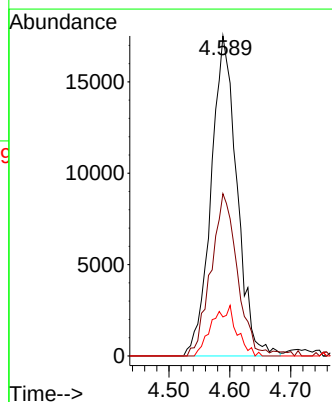
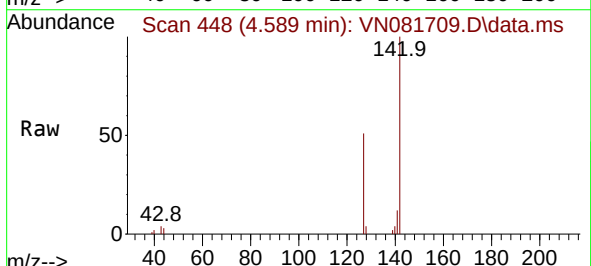
Manual Integrations
APPROVED

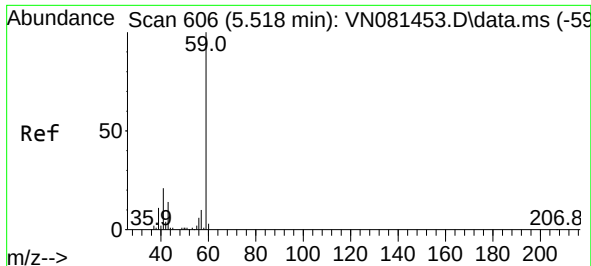
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#10
Methyl Iodide
Concen: 15.380 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

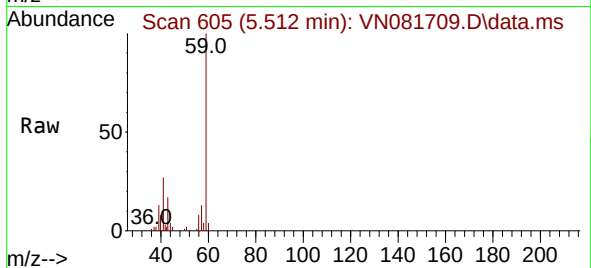
Tgt Ion:142 Resp: 51621
Ion Ratio Lower Upper
142 100
127 50.7 37.0 55.4
141 12.2 12.5 18.7#





#11
Tert butyl alcohol
Concen: 93.032 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

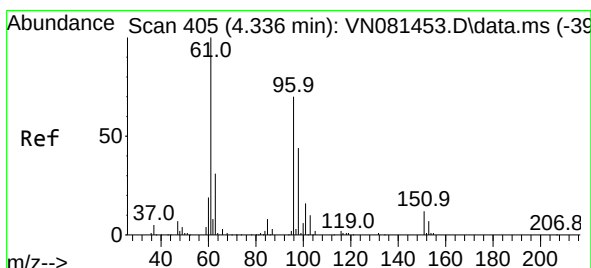
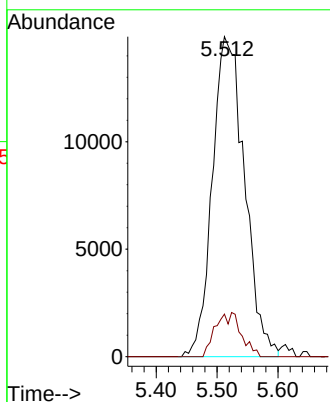
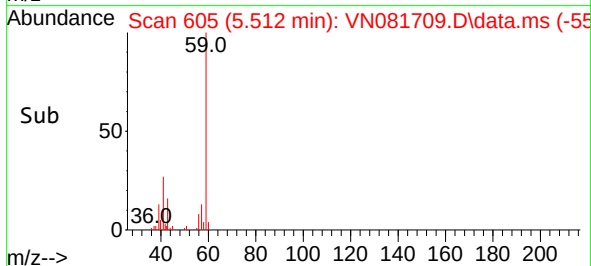
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



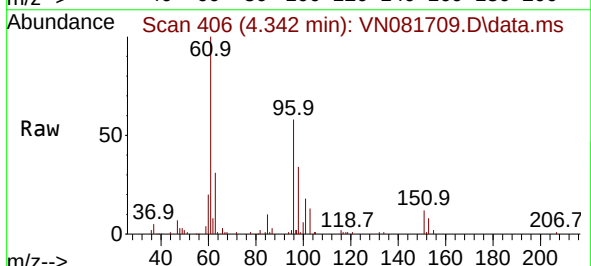
Tgt Ion: 59 Resp: 5469
Ion Ratio Lower Upper
59 100
57 5.9 8.6 12.8

Manual Integrations
APPROVED

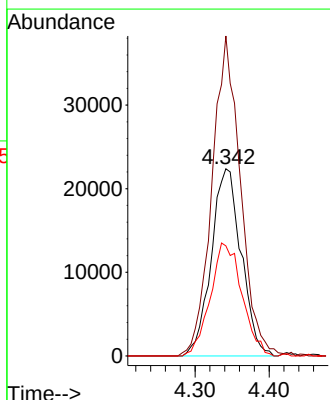
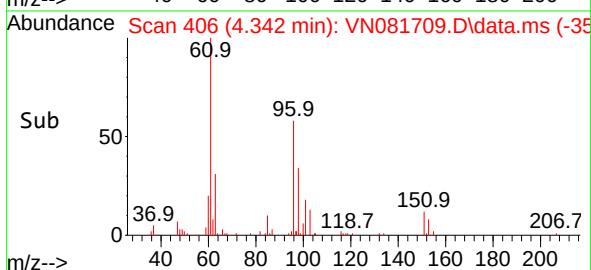
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

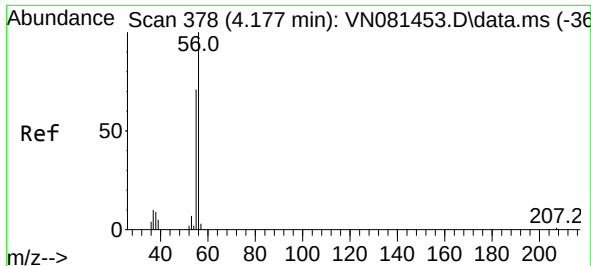


#12
1,1-Dichloroethene
Concen: 20.117 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31



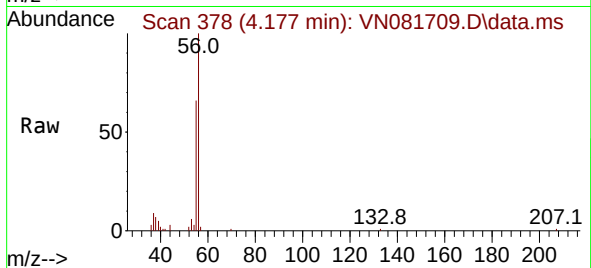
Tgt Ion: 96 Resp: 62803
Ion Ratio Lower Upper
96 100
61 171.0 138.2 207.4
98 58.8 49.2 73.8





#13
Acrolein
Concen: 136.150 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

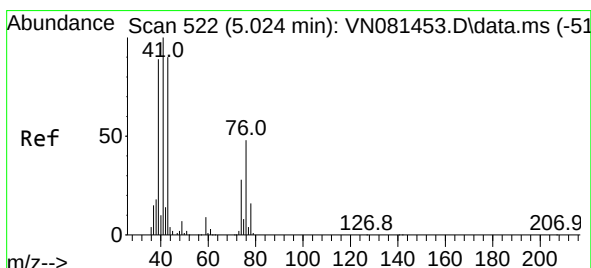
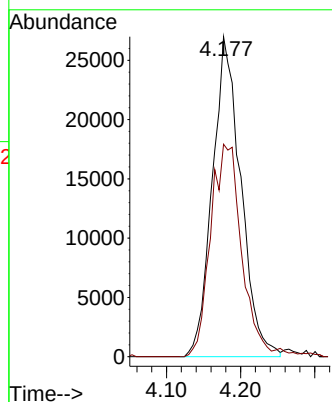
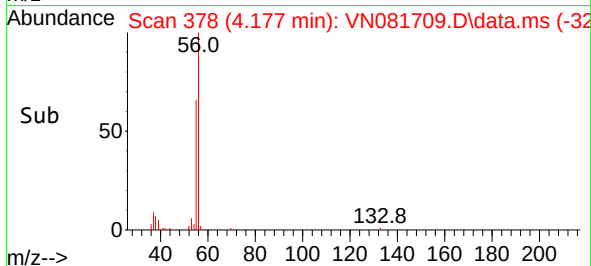
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



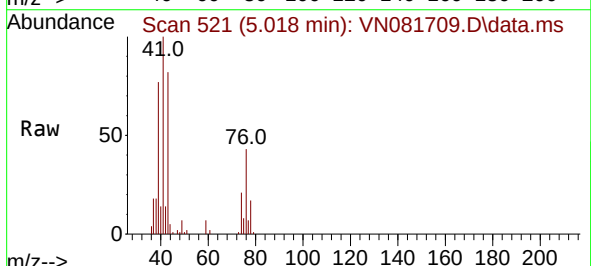
Tgt Ion: 56 Resp: 71824
Ion Ratio Lower Upper
56 100
55 73.3 55.3 82.9

Manual Integrations
APPROVED

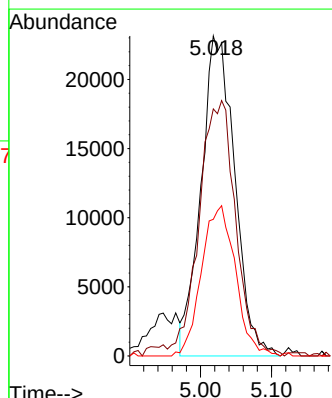
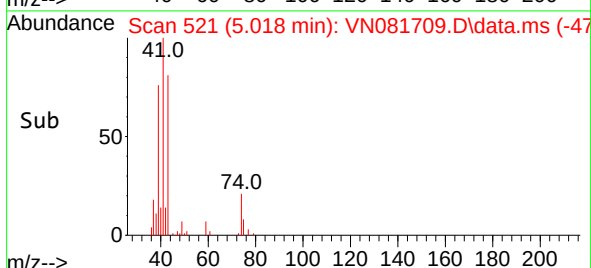
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

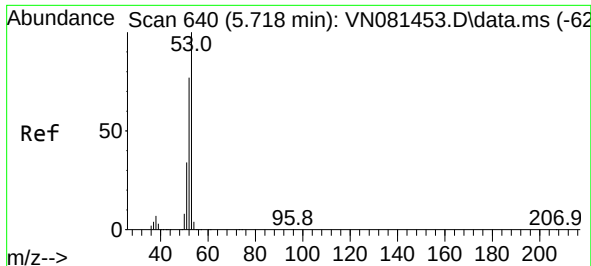


#14
Allyl chloride
Concen: 19.463 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31



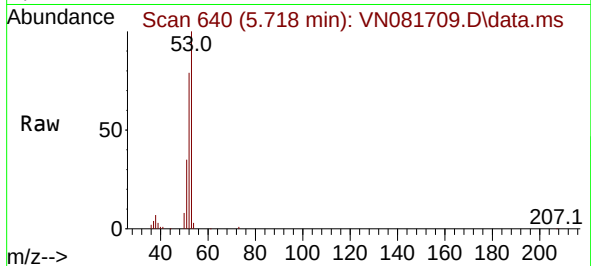
Tgt Ion: 41 Resp: 76140
Ion Ratio Lower Upper
41 100
39 86.4 57.7 86.5
76 47.3 26.8 40.2#





#15
Acrylonitrile
Concen: 102.717 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

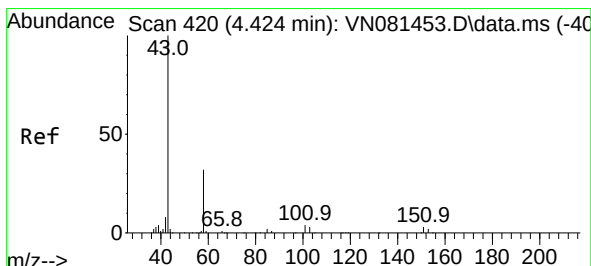
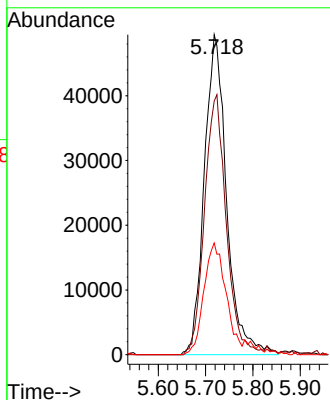
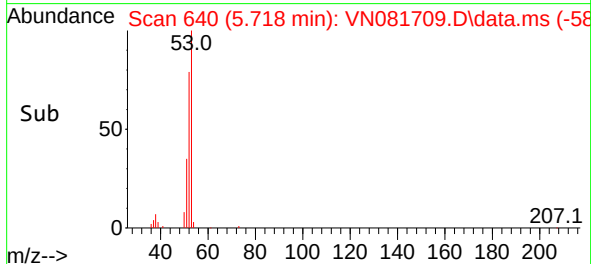
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 53 Resp: 16155
Ion Ratio Lower Upper
53 100
52 79.3 64.8 97.2
51 34.5 26.9 40.3

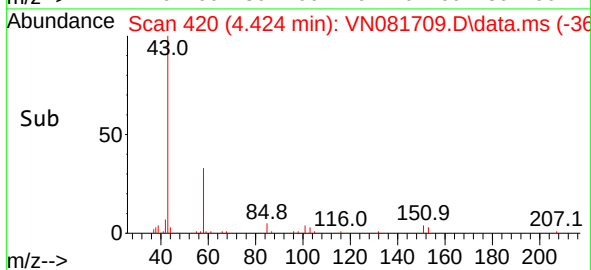
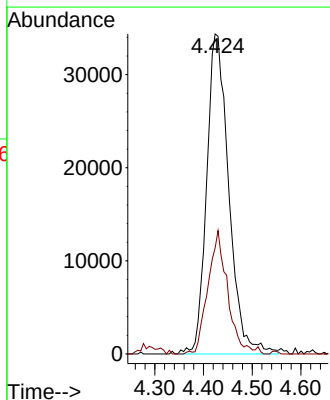
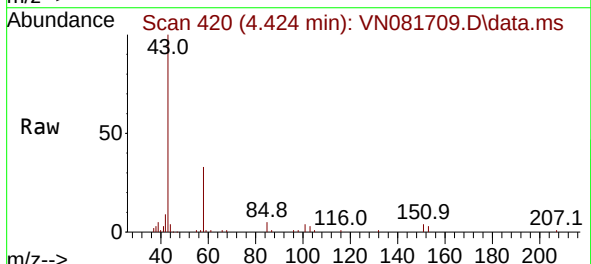
Manual Integrations
APPROVED

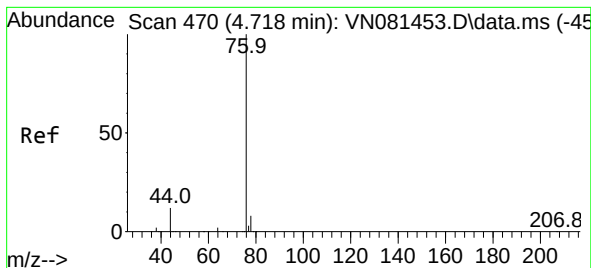
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#16
Acetone
Concen: 99.597 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Tgt Ion: 43 Resp: 108585
Ion Ratio Lower Upper
43 100
58 33.2 24.8 37.2





#17

Carbon Disulfide

Concen: 20.372 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN081709.D

Acq: 12 Apr 2024 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

Tgt Ion: 76 Resp: 18251

Ion Ratio Lower Upper

76 100

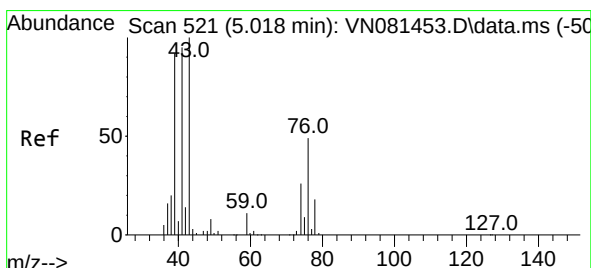
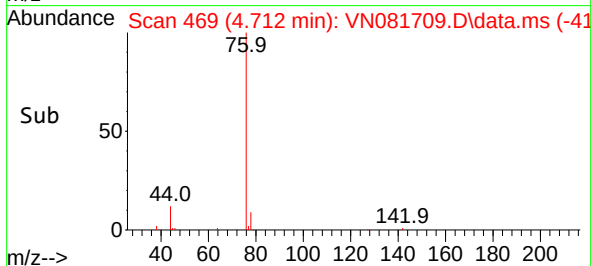
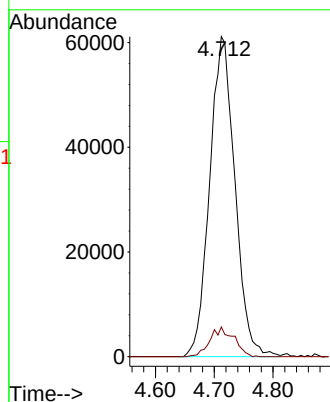
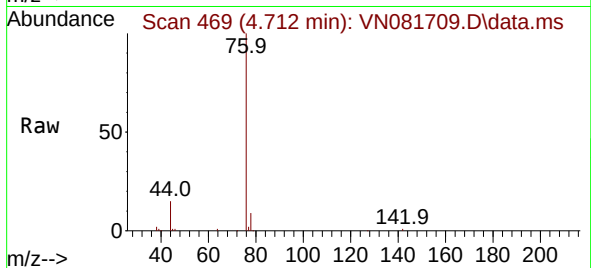
78 9.3 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#18

Methyl Acetate

Concen: 19.024 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081709.D

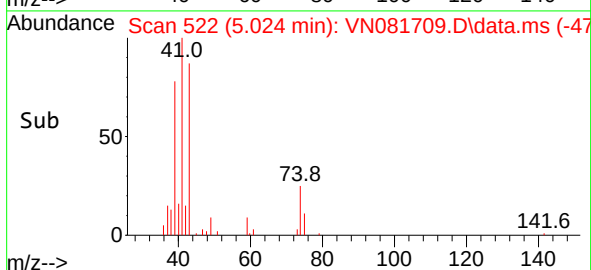
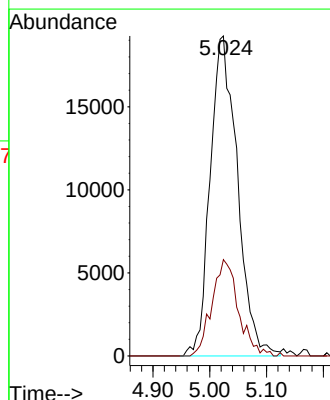
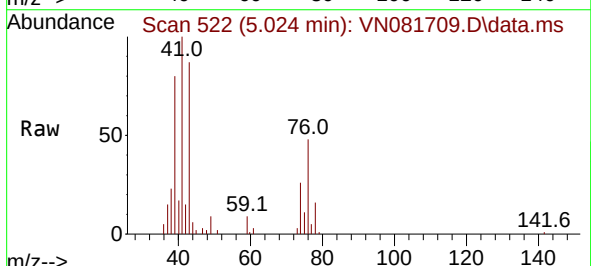
Acq: 12 Apr 2024 11:31

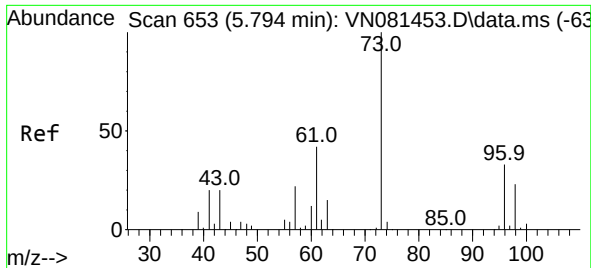
Tgt Ion: 43 Resp: 63943

Ion Ratio Lower Upper

43 100

74 29.4 17.3 25.9#





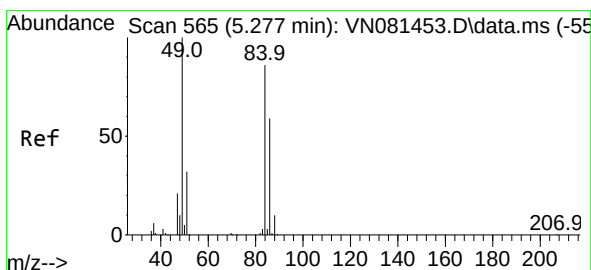
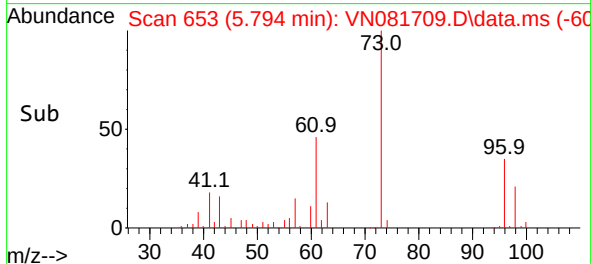
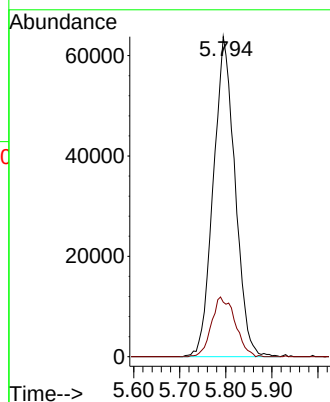
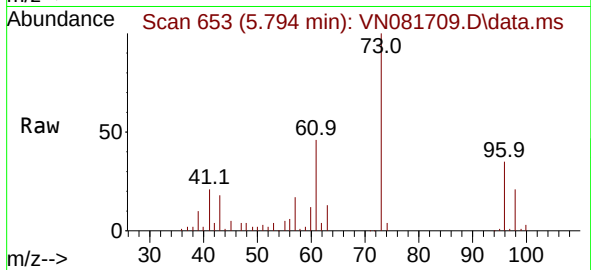
#19
Methyl tert-butyl Ether
Concen: 21.358 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

Tgt Ion: 73 Resp: 208673
Ion Ratio Lower Upper
73 100
57 17.1 18.2 27.4

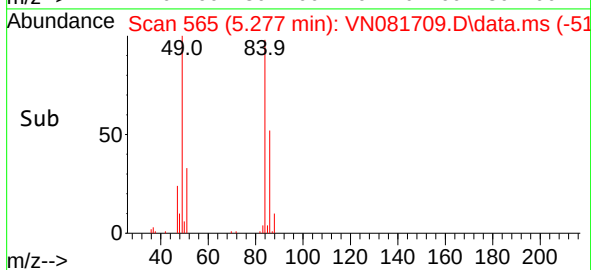
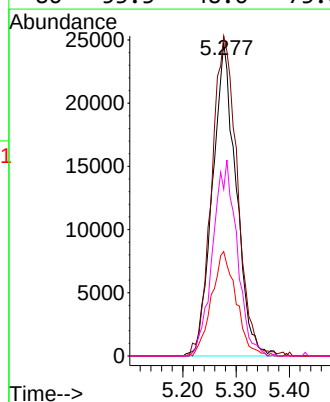
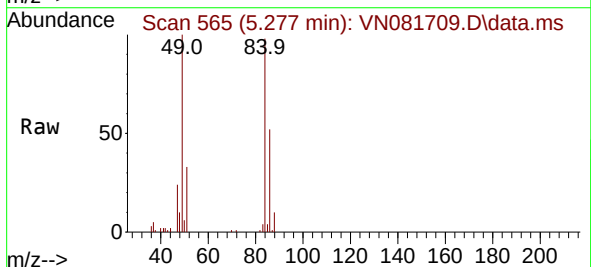
Manual Integrations
APPROVED

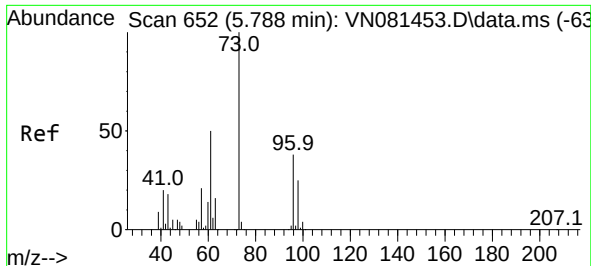
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#20
Methylene Chloride
Concen: 21.405 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

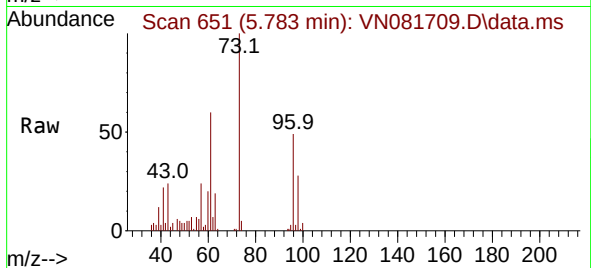
Tgt Ion: 84 Resp: 76444
Ion Ratio Lower Upper
84 100
49 102.2 108.1 162.1#
51 33.3 32.9 49.3
86 53.3 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 20.472 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

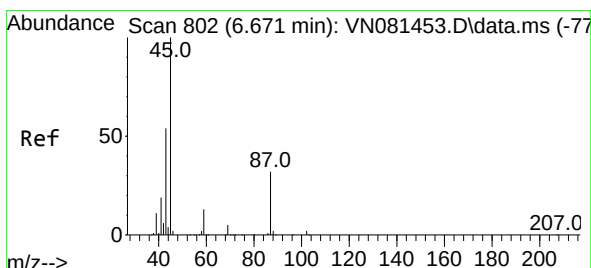
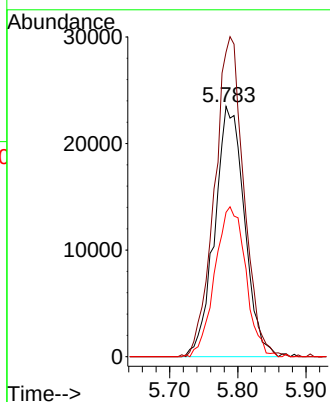
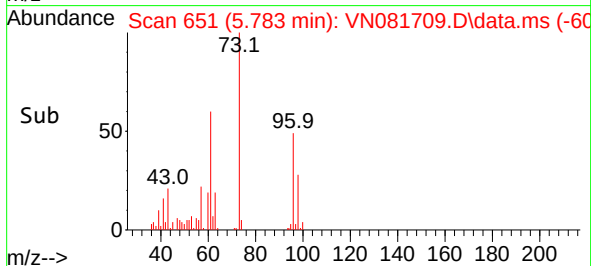
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 96 Resp: 7126
Ion Ratio Lower Upper
96 100
61 121.7 112.8 169.2
98 57.7 51.0 76.4

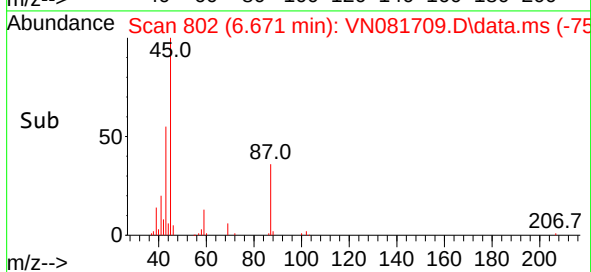
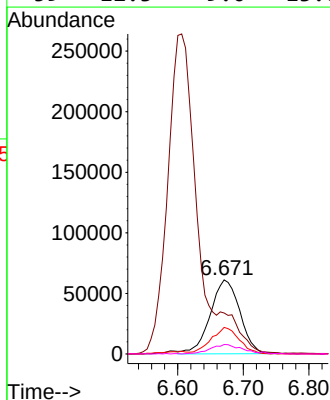
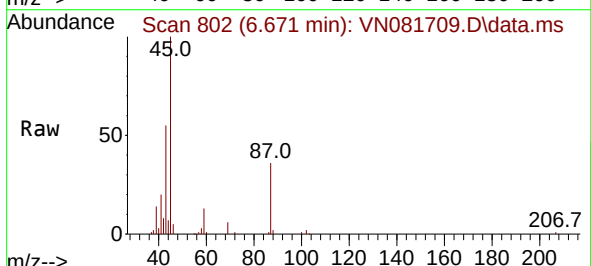
Manual Integrations
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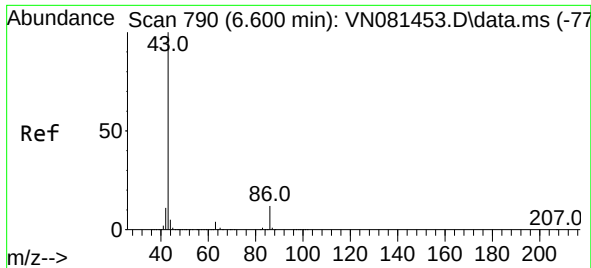
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#22
Diisopropyl ether
Concen: 21.041 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

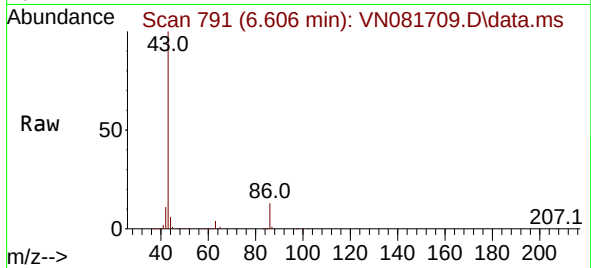
Tgt Ion: 45 Resp: 191253
Ion Ratio Lower Upper
45 100
43 53.8 41.8 62.8
87 36.0 18.1 27.1#
59 12.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 106.858 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081709.D
 Acq: 12 Apr 2024 11:31

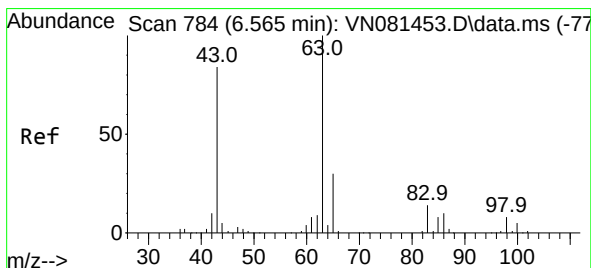
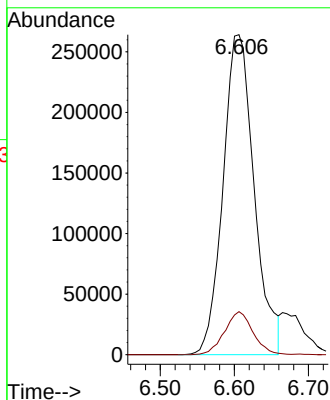
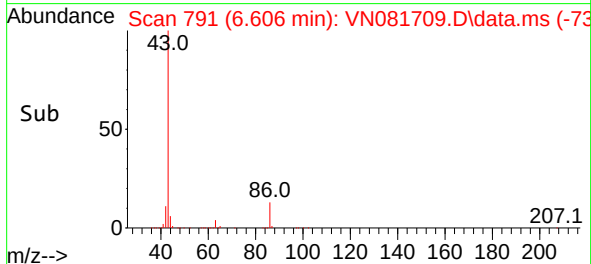
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS01



Tgt Ion: 43 Resp: 773134
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.1 10.7

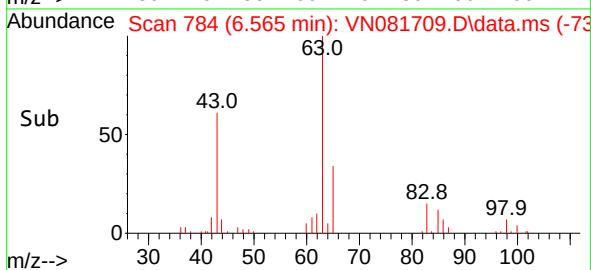
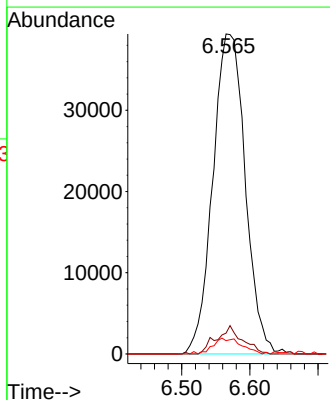
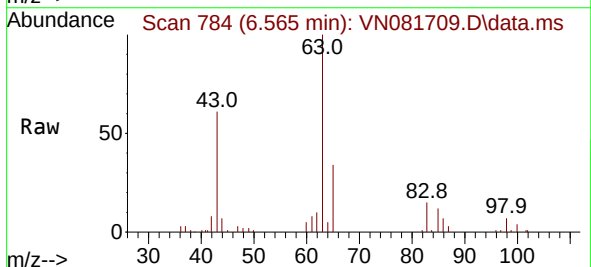
Manual Integrations
 APPROVED

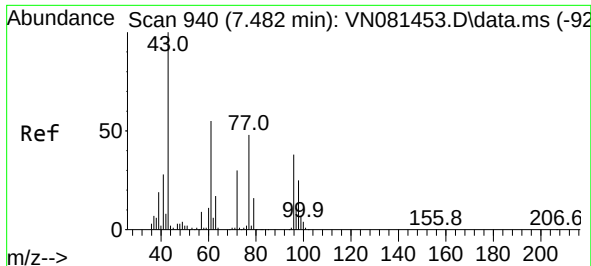
Reviewed By :John Carlone 04/15/2024
 Supervised By :Mahesh Dadoda 04/15/2024



#24
 1,1-Dichloroethane
 Concen: 21.354 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081709.D
 Acq: 12 Apr 2024 11:31

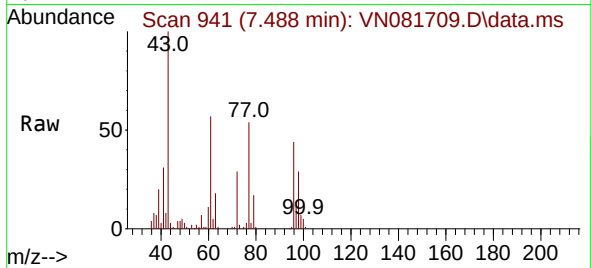
Tgt Ion: 63 Resp: 130006
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 4.2 1.9 5.7





#25
2-Butanone
Concen: 100.943 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

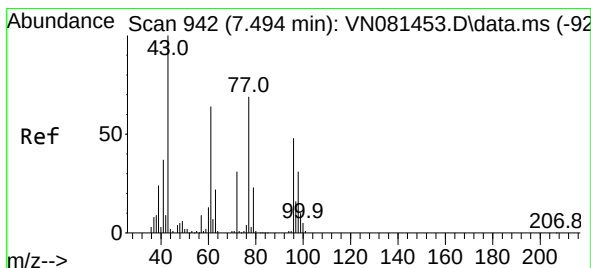
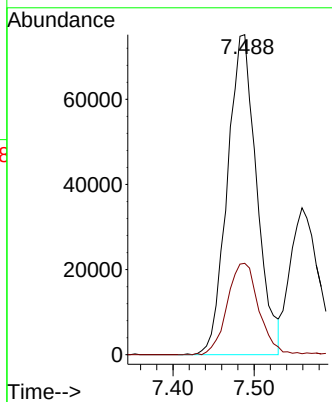
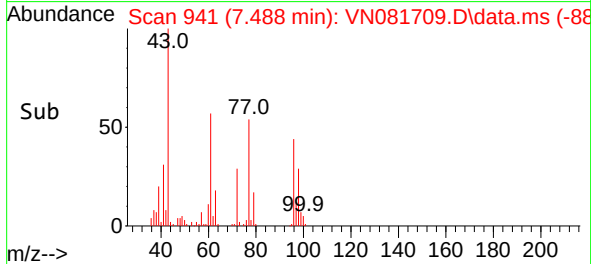
Instrument :
MSVOA_N
Client Sample Id :
VN0412WBS01



Tgt Ion: 43 Resp: 188762
Ion Ratio Lower Upper
43 100
72 28.6 19.5 29.3

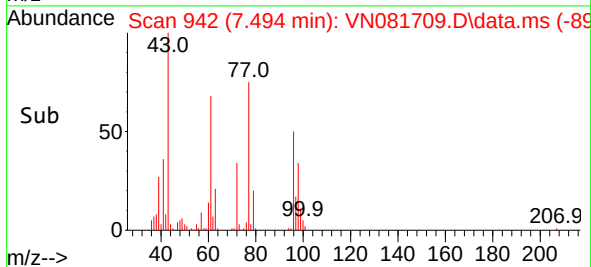
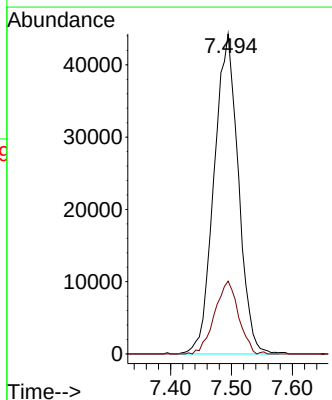
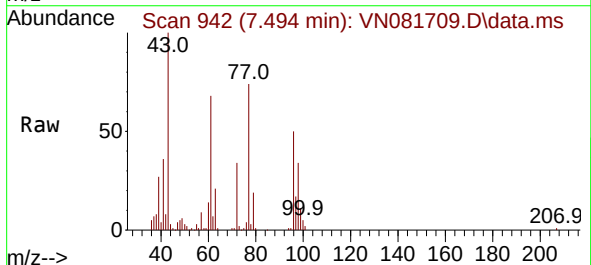
Manual Integrations
APPROVED

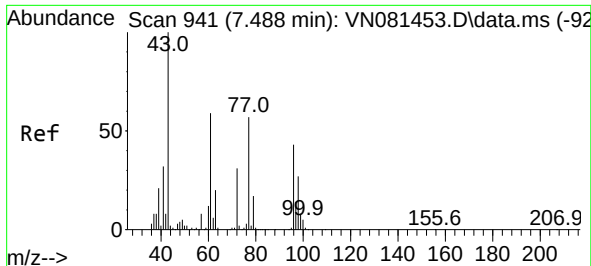
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#26
2,2-Dichloropropane
Concen: 23.246 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

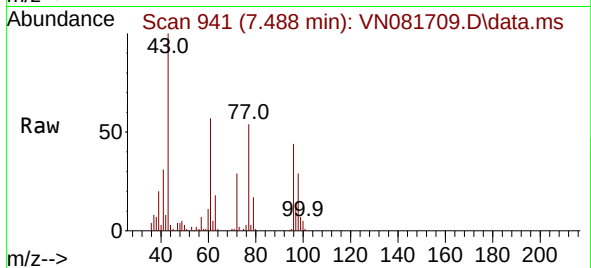
Tgt Ion: 77 Resp: 122747
Ion Ratio Lower Upper
77 100
97 22.3 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 21.721 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

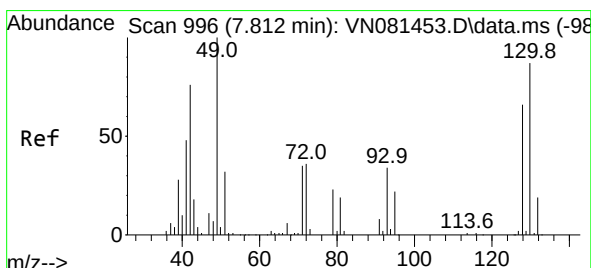
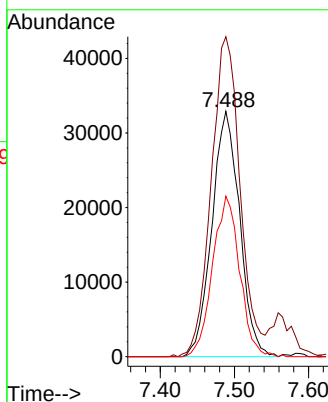
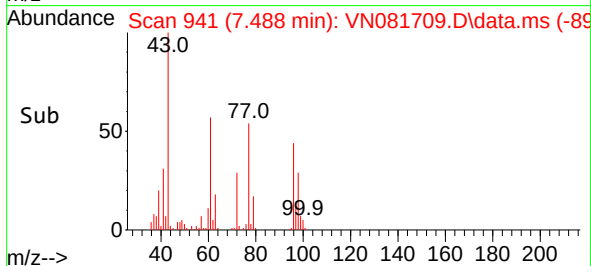
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 96 Resp: 8554
Ion Ratio Lower Upper
96 100
61 136.2 0.0 325.4
98 63.9 0.0 130.4

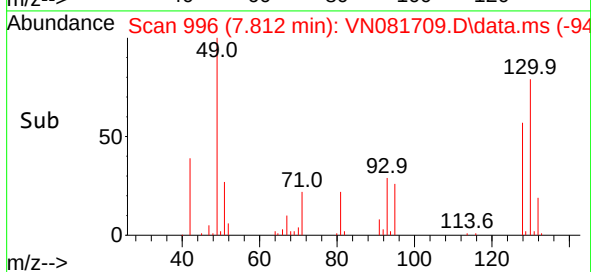
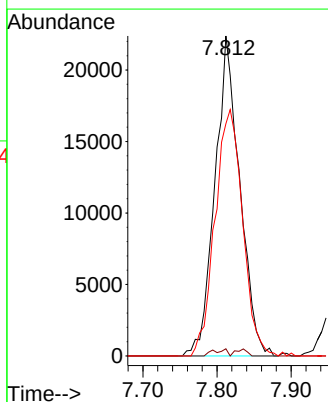
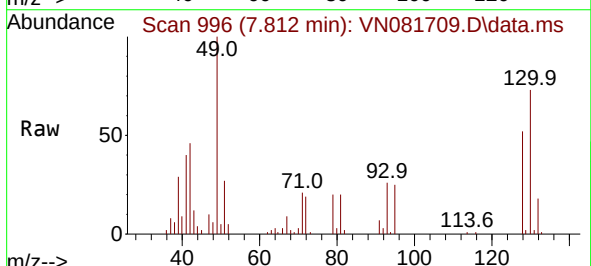
Manual Integrations
APPROVED

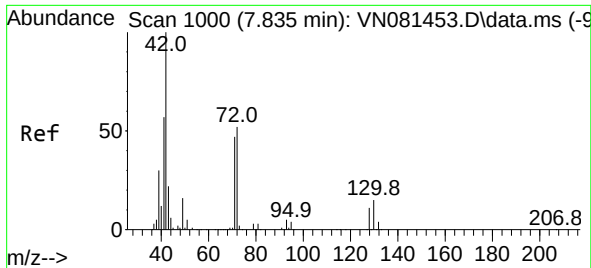
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#28
Bromochloromethane
Concen: 21.025 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Tgt Ion: 49 Resp: 52137
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 85.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 104.035 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081709.D

Acq: 12 Apr 2024 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

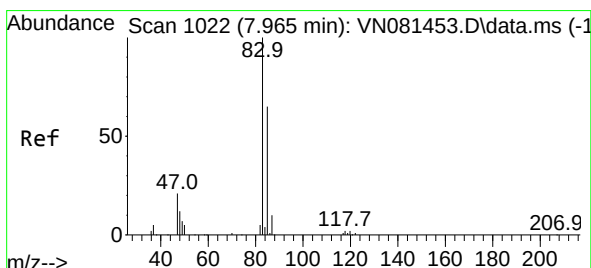
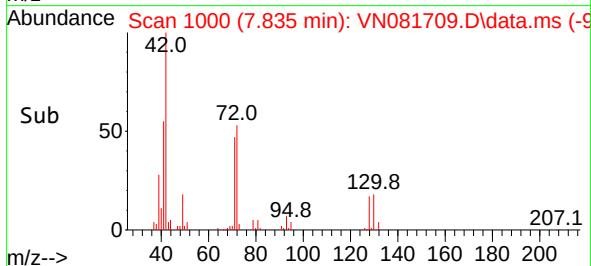
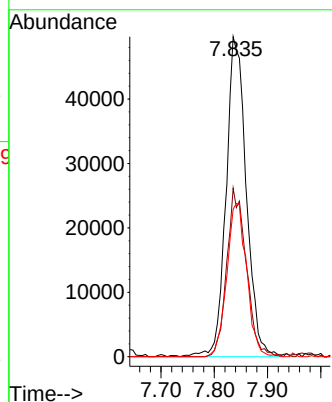
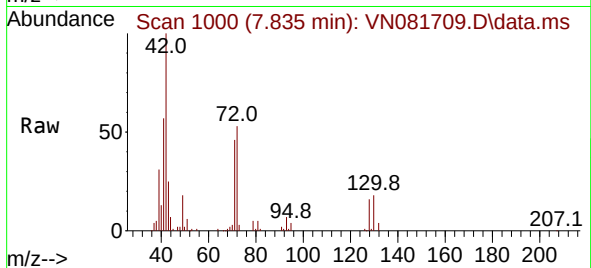
Tgt Ion:	42	Resp:	13105
Ion Ratio	Lower	Upper	
42	100		
72	50.6	31.1	46.7
71	47.2	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#30

Chloroform

Concen: 23.323 ug/l

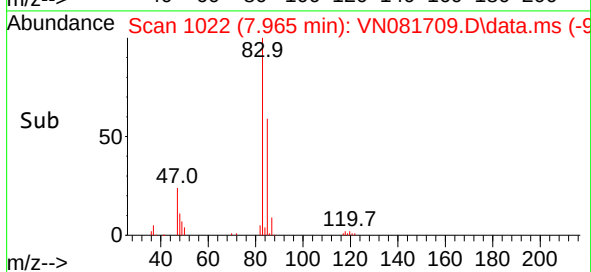
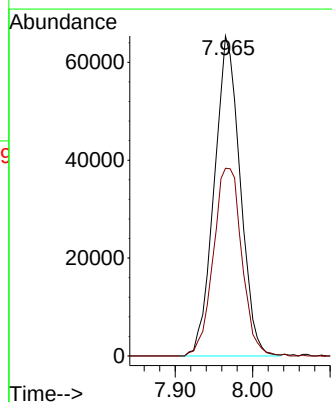
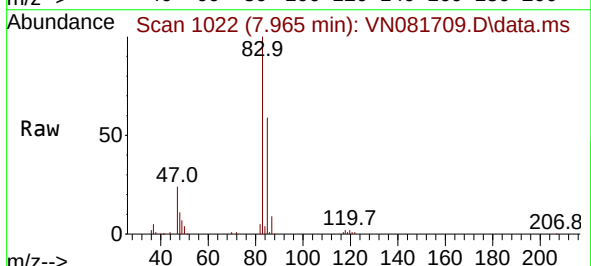
RT: 7.965 min Scan# 1022

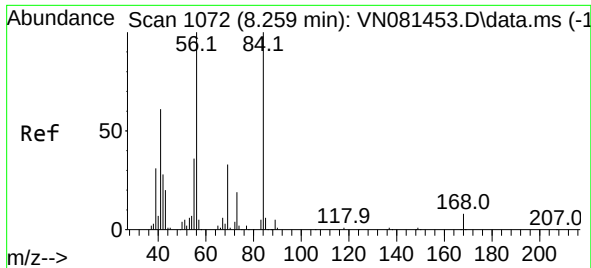
Delta R.T. 0.000 min

Lab File: VN081709.D

Acq: 12 Apr 2024 11:31

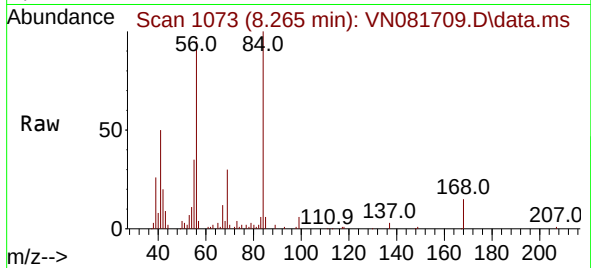
Tgt Ion:	83	Resp:	152005
Ion Ratio	Lower	Upper	
83	100		
85	58.6	51.0	76.6





#31
Cyclohexane
Concen: 18.898 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

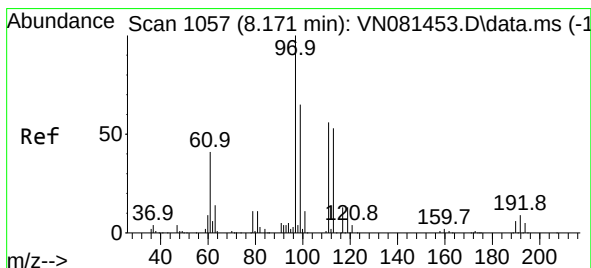
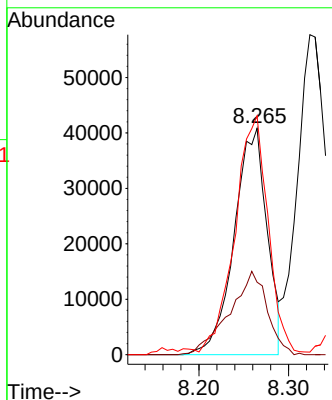
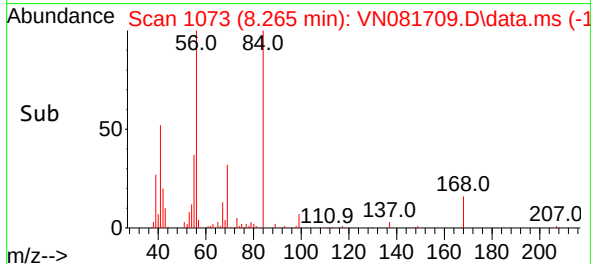
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 56 Resp: 103749
Ion Ratio Lower Upper
56 100
69 32.0 20.1 30.1
84 104.0 56.9 85.3

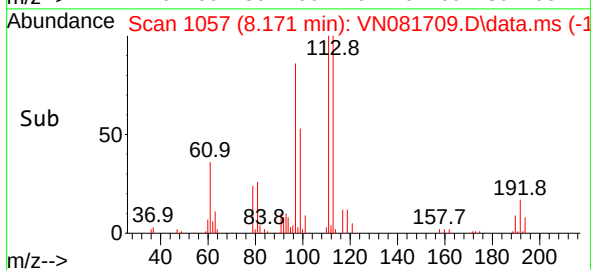
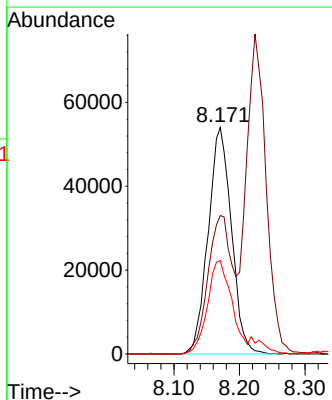
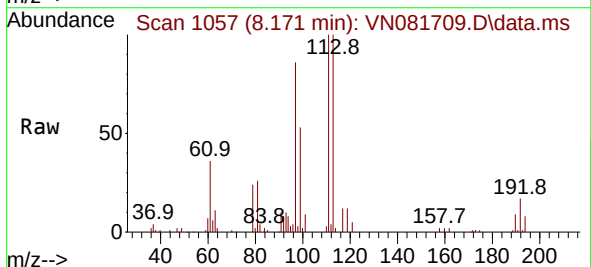
Manual Integrations
APPROVED

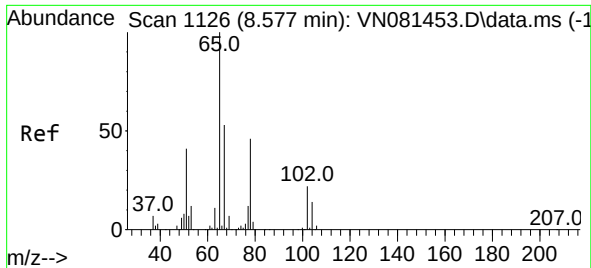
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#32
1,1,1-Trichloroethane
Concen: 22.503 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

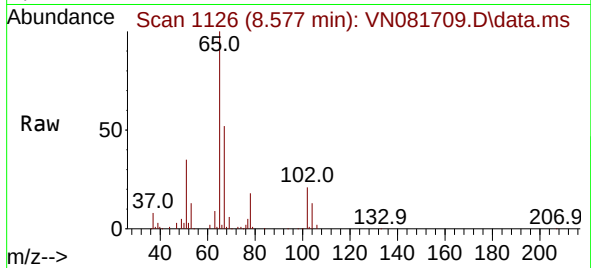
Tgt Ion: 97 Resp: 133060
Ion Ratio Lower Upper
97 100
99 62.8 53.4 80.0
61 42.9 43.8 65.8





#33
1,2-Dichloroethane-d4
Concen: 54.728 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

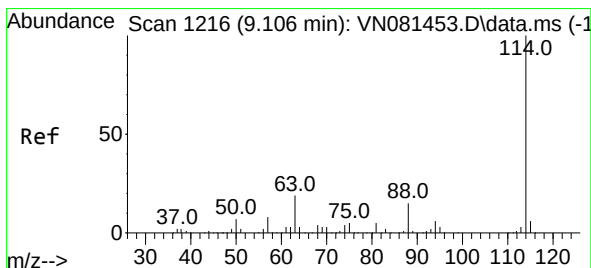
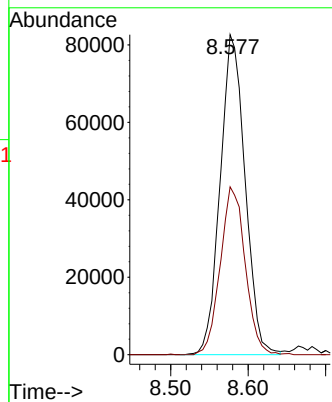
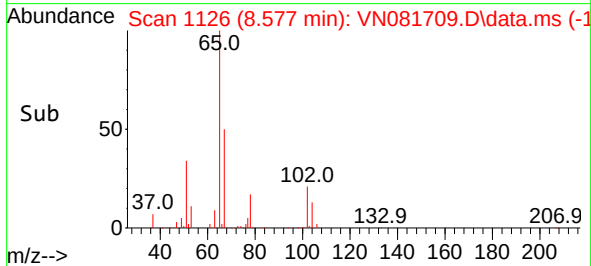
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 65 Resp: 184628
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4

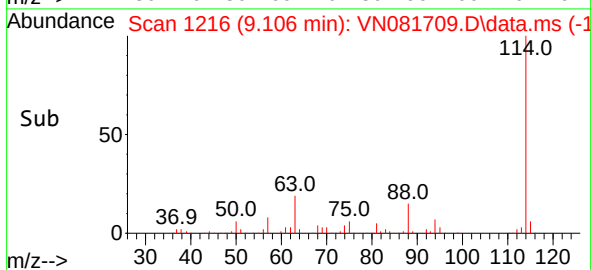
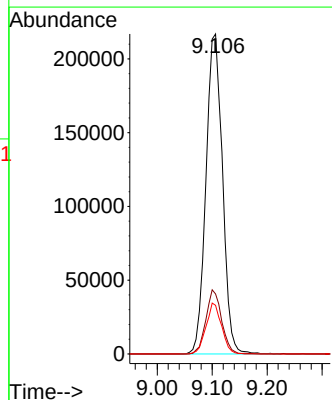
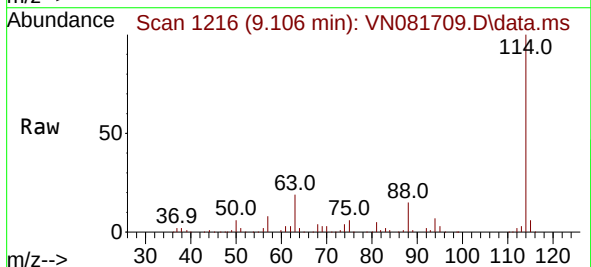
Manual Integrations
APPROVED

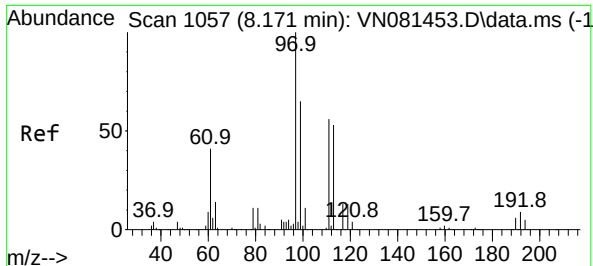
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

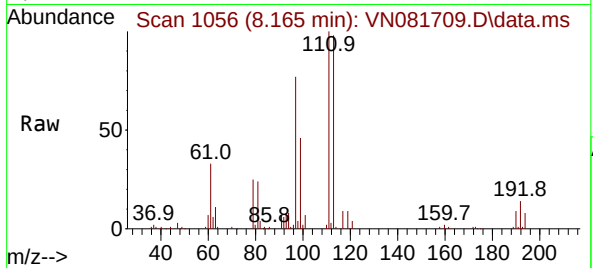
Tgt Ion:114 Resp: 453149
Ion Ratio Lower Upper
114 100
63 18.7 0.0 48.0
88 15.2 0.0 34.8





#35
Dibromofluoromethane
Concen: 54.189 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

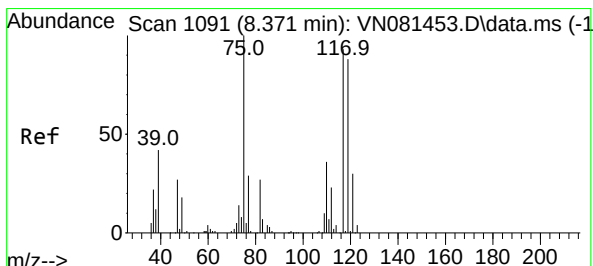
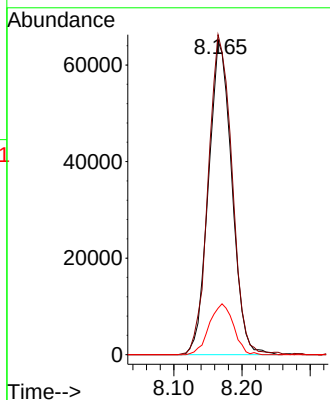
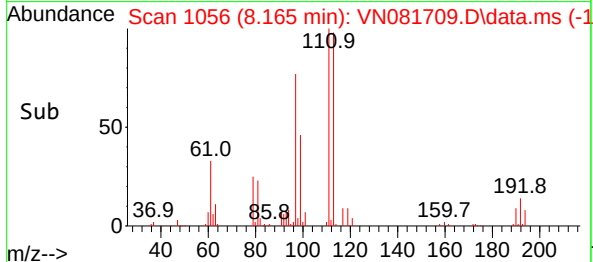
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 113 Resp: 15497
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.9 12.5 18.7

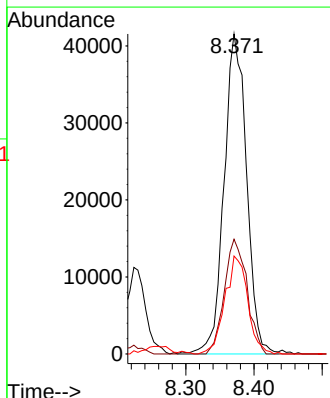
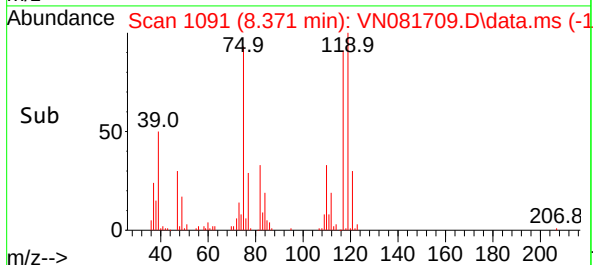
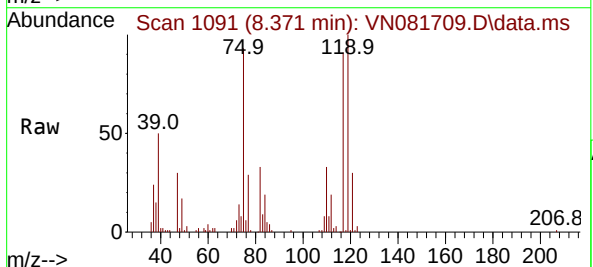
Manual Integrations
APPROVED

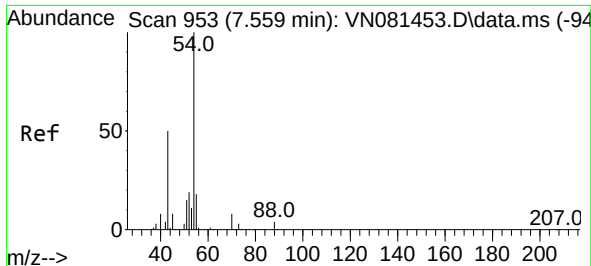
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#36
1,1-Dichloropropene
Concen: 19.861 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

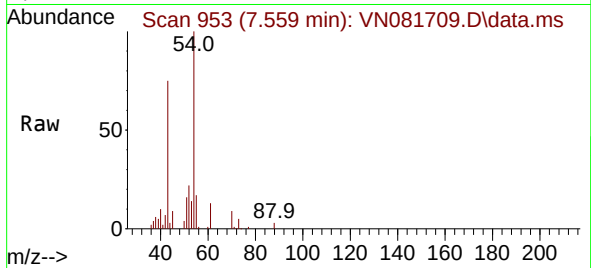
Tgt Ion: 75 Resp: 95587
Ion Ratio Lower Upper
75 100
110 36.0 16.0 48.0
77 31.0 25.8 38.6





#37
Ethyl Acetate
Concen: 20.785 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

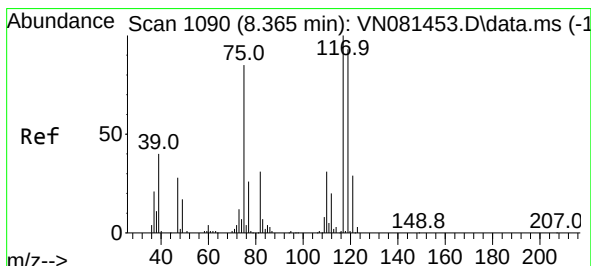
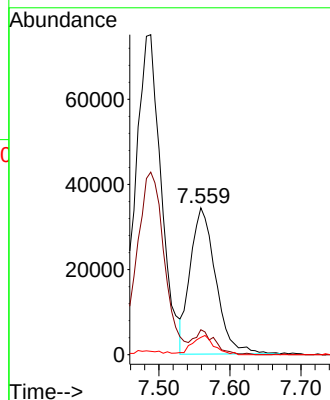
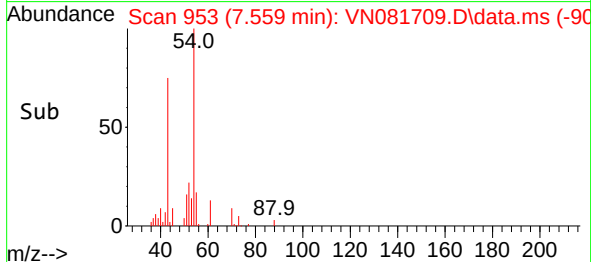
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 43 Resp: 85659
Ion Ratio Lower Upper
43 100
61 12.6 10.6 15.8
70 11.3 8.0 12.0

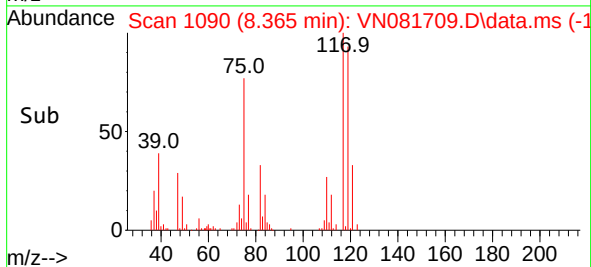
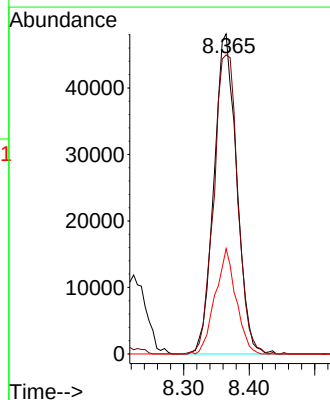
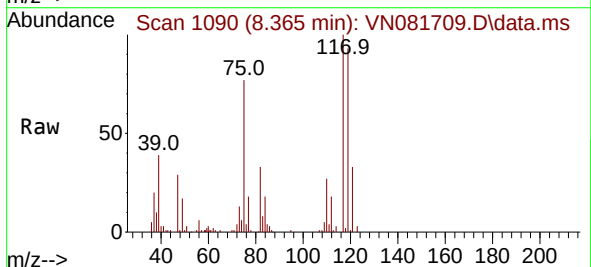
Manual Integrations
APPROVED

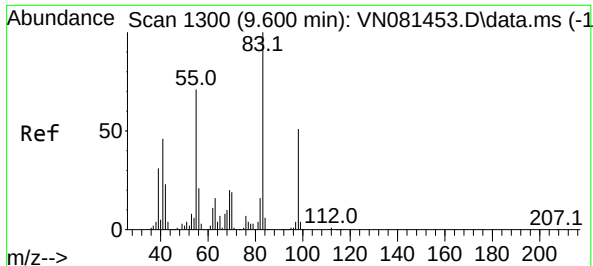
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#38
Carbon Tetrachloride
Concen: 21.930 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

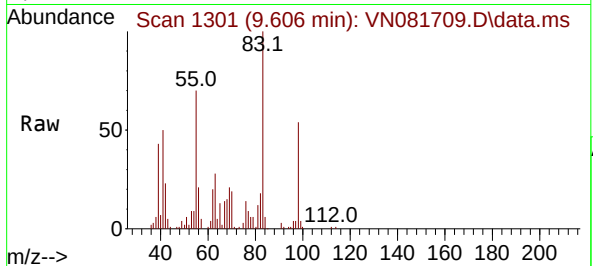
Tgt Ion:117 Resp: 115620
Ion Ratio Lower Upper
117 100
119 93.4 73.4 110.2
121 32.9 24.4 36.6





#39
Methylcyclohexane
Concen: 20.657 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

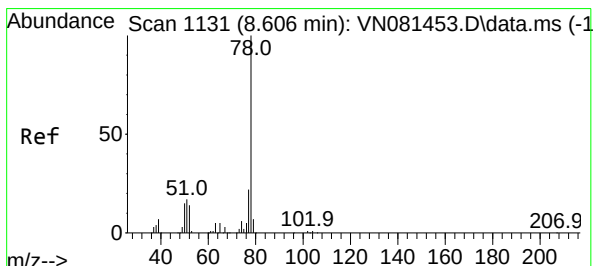
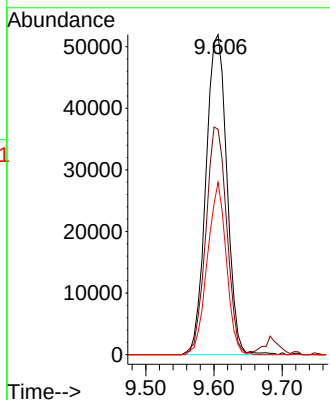
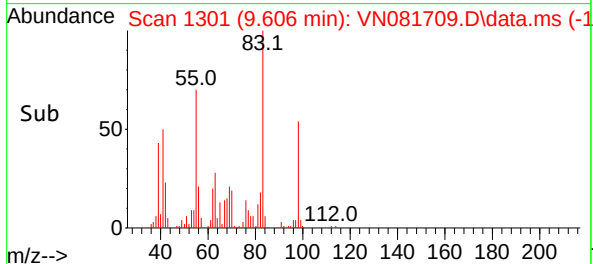
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 83 Resp: 111023
Ion Ratio Lower Upper
83 100
55 70.4 65.7 98.5
98 53.9 33.8 50.6

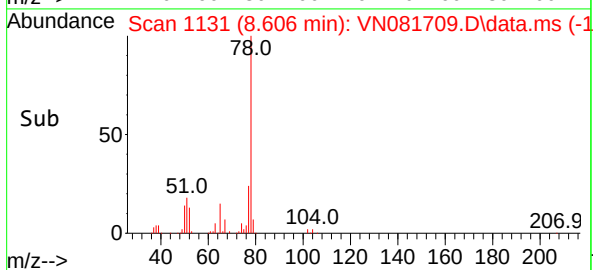
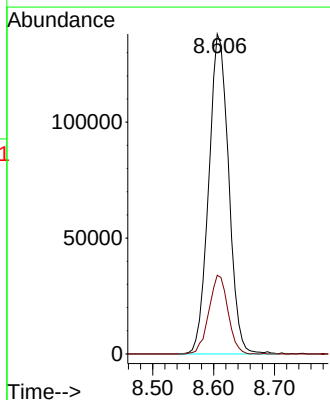
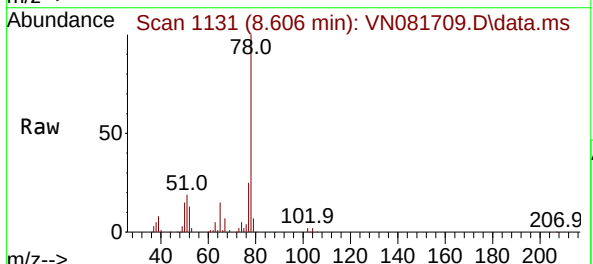
Manual Integrations
APPROVED

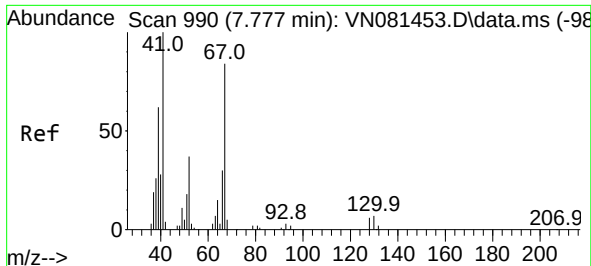
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#40
Benzene
Concen: 22.317 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

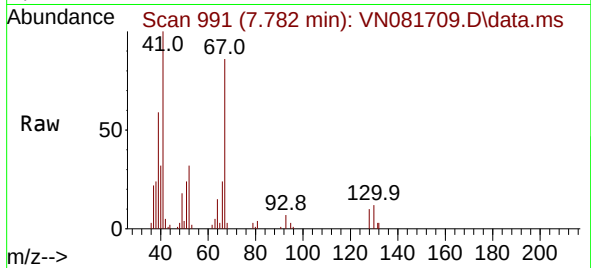
Tgt Ion: 78 Resp: 314008
Ion Ratio Lower Upper
78 100
77 24.6 20.4 30.6





#41
Methacrylonitrile
Concen: 20.275 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

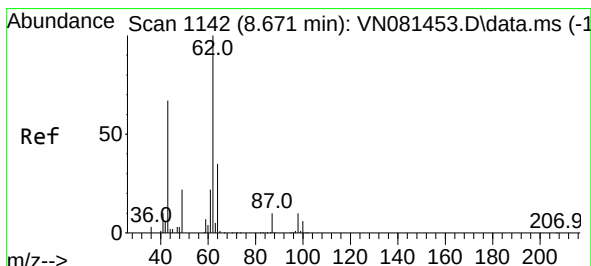
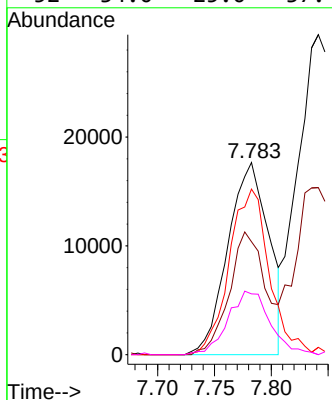
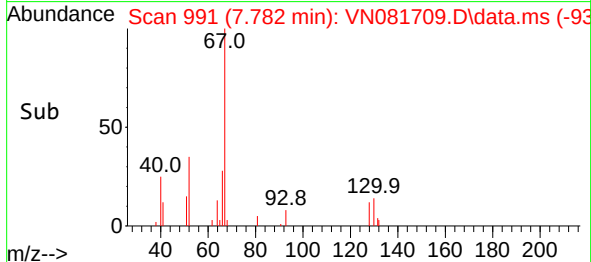
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion:	41	Resp:	44189
Ion Ratio	100	Lower	Upper
39	57.3	48.4	72.6
67	85.5	56.8	85.2
52	34.0	25.0	37.4

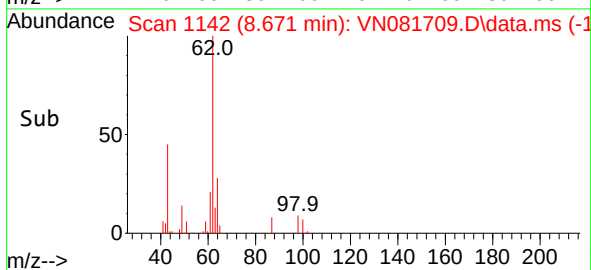
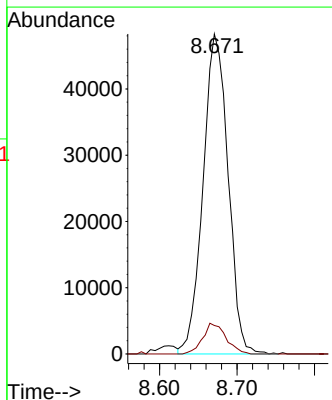
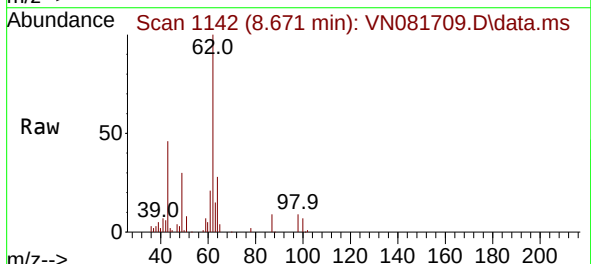
Manual Integrations
APPROVED

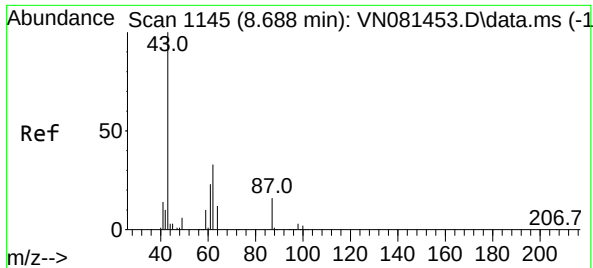
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#42
1,2-Dichloroethane
Concen: 21.891 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

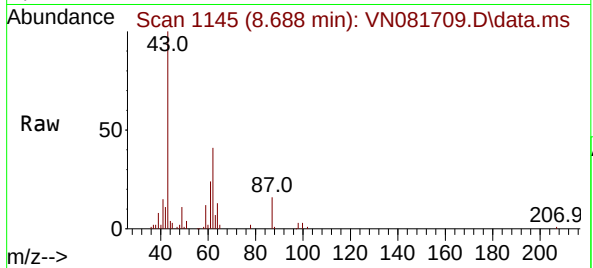
Tgt Ion:	62	Resp:	108400
Ion Ratio	100	Lower	Upper
98	8.9	0.0	18.0





#43
Isopropyl Acetate
Concen: 20.242 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

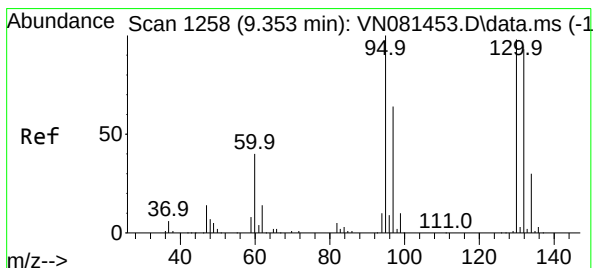
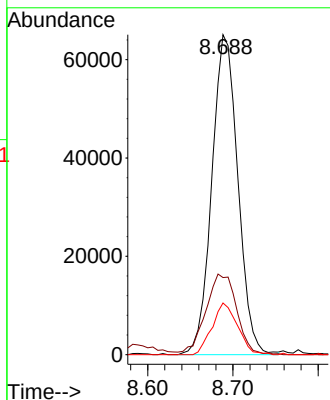
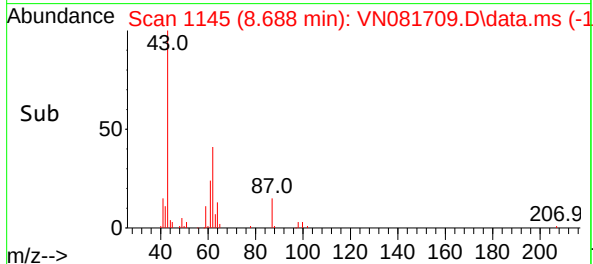
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 43 Resp: 138279
Ion Ratio Lower Upper
43 100
61 30.0 19.9 29.9
87 15.8 9.0 13.6

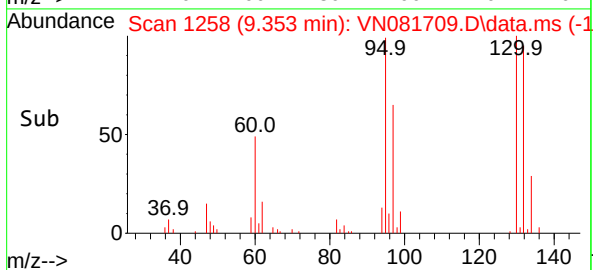
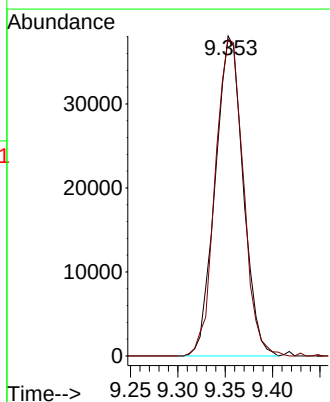
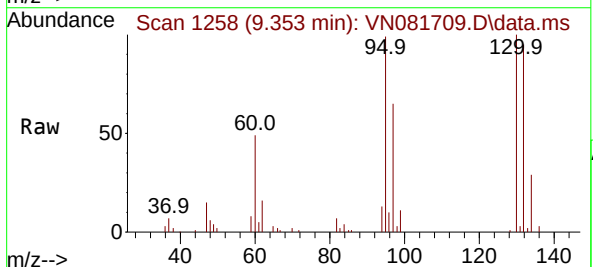
Manual Integrations
APPROVED

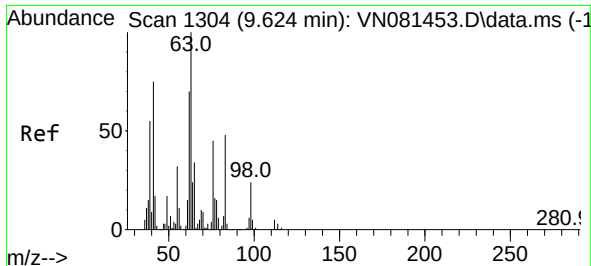
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#44
Trichloroethene
Concen: 19.686 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Tgt Ion:130 Resp: 77905
Ion Ratio Lower Upper
130 100
95 98.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 21.724 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081709.D

Acq: 12 Apr 2024 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

Tgt Ion: 63 Resp: 7408

Ion Ratio Lower Upper

63 100

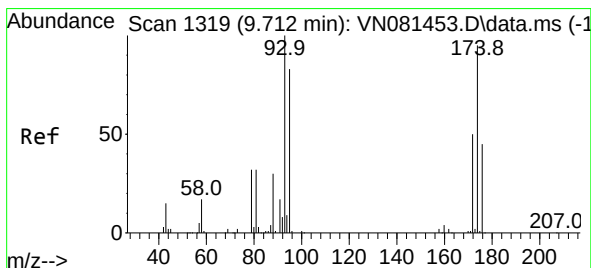
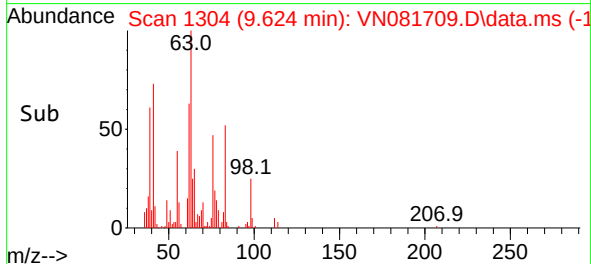
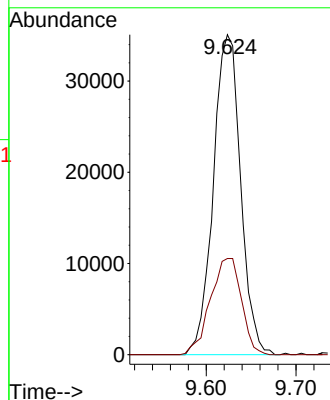
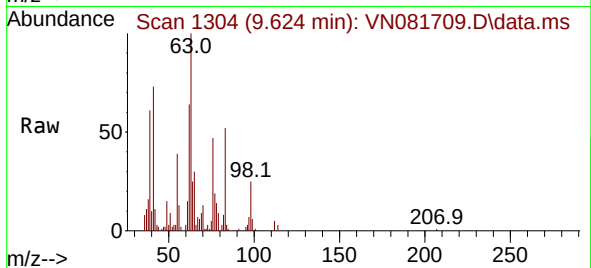
65 30.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#46

Dibromomethane

Concen: 22.521 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081709.D

Acq: 12 Apr 2024 11:31

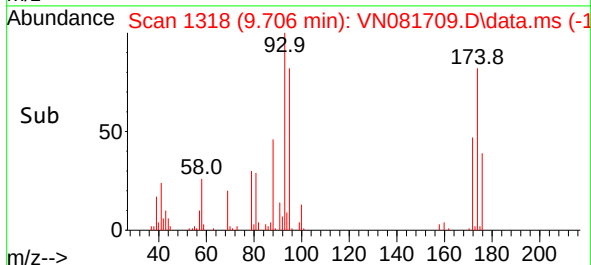
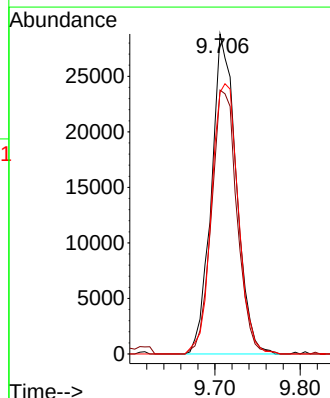
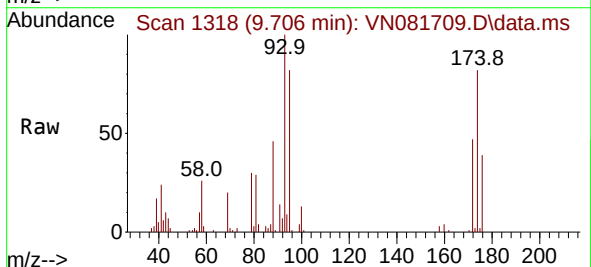
Tgt Ion: 93 Resp: 58322

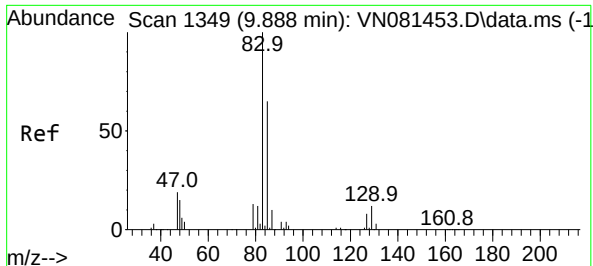
Ion Ratio Lower Upper

93 100

95 84.6 68.1 102.1

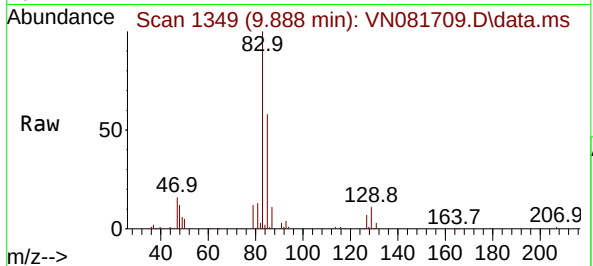
174 90.2 57.2 85.8#





#47
Bromodichloromethane
Concen: 24.055 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

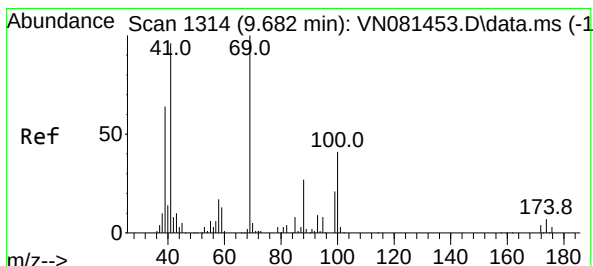
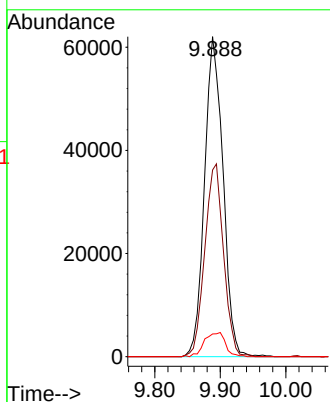
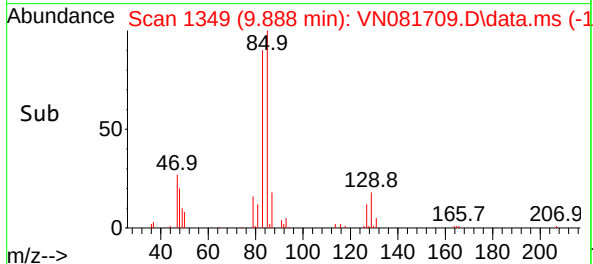
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 83 Resp: 121793
Ion Ratio Lower Upper
83 100
85 58.4 52.3 78.5
127 7.1 4.6 7.0

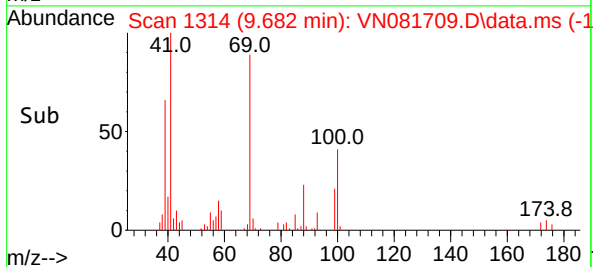
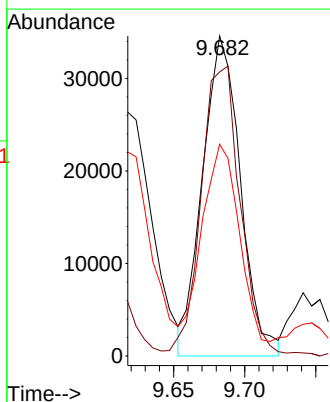
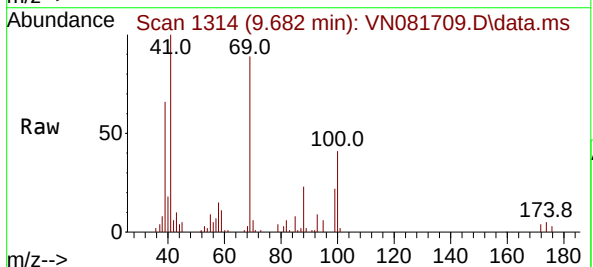
Manual Integrations
APPROVED

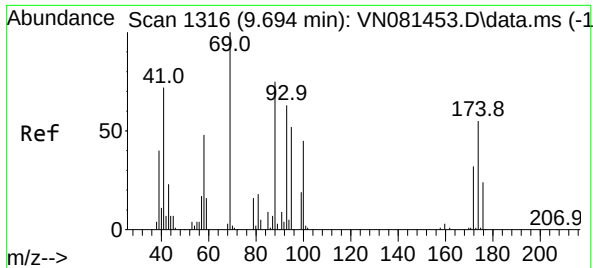
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#48
Methyl methacrylate
Concen: 20.385 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

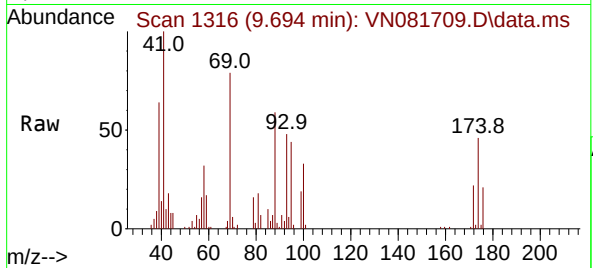
Tgt Ion: 41 Resp: 64231
Ion Ratio Lower Upper
41 100
69 94.0 62.2 93.2
39 68.3 47.6 71.4





#49
1,4-Dioxane
Concen: 415.597 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

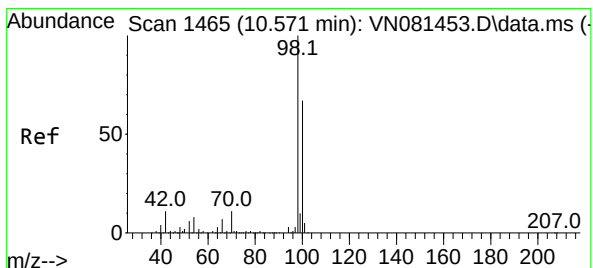
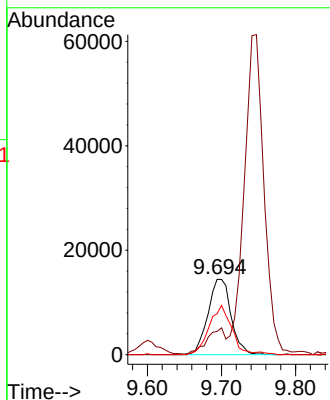
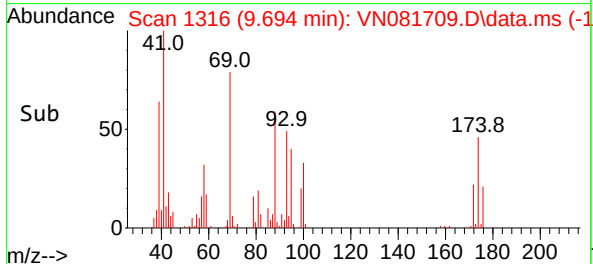
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 88 Resp: 31469
Ion Ratio Lower Upper
88 100
43 28.0 30.1 45.1
58 64.4 63.9 95.9

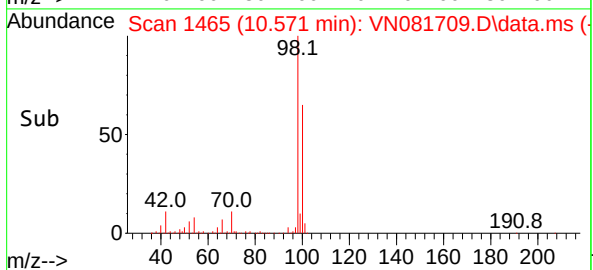
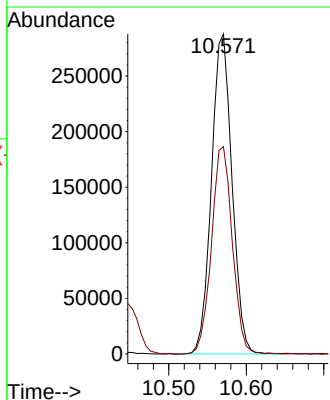
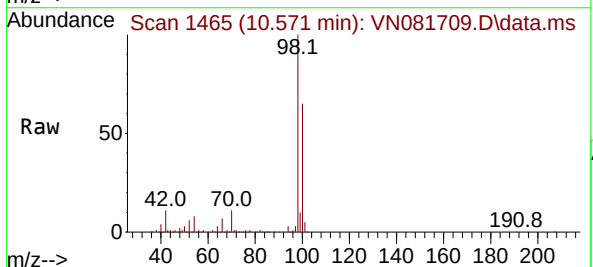
Manual Integrations
APPROVED

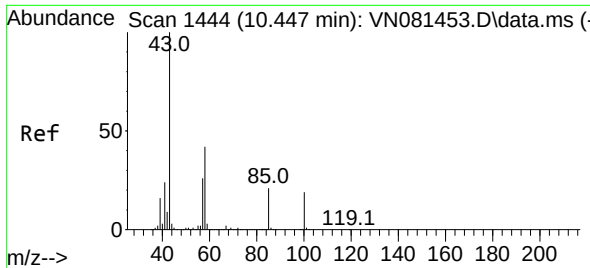
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#50
Toluene-d8
Concen: 51.264 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

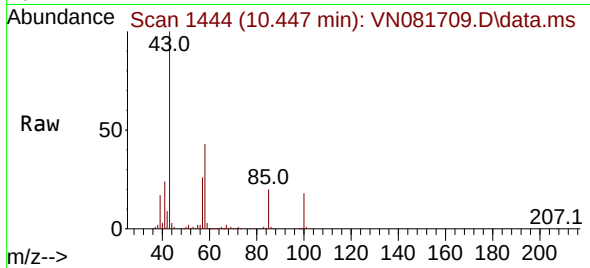
Tgt Ion: 98 Resp: 529960
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 106.362 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

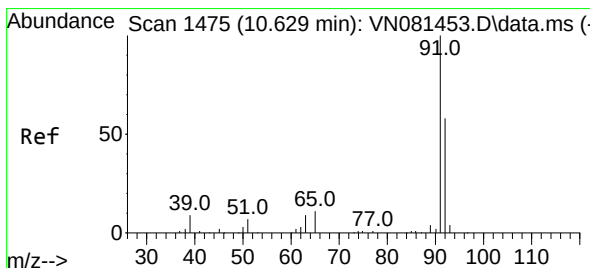
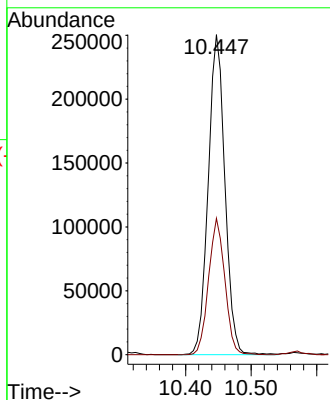
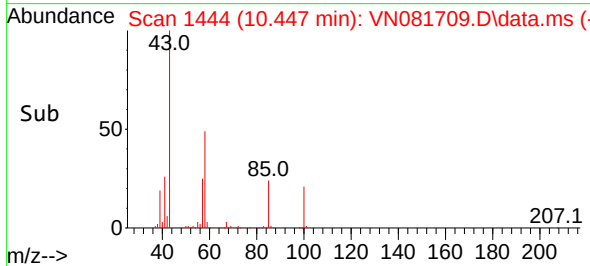
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 43 Resp: 443358
Ion Ratio Lower Upper
43 100
58 41.5 29.4 44.0

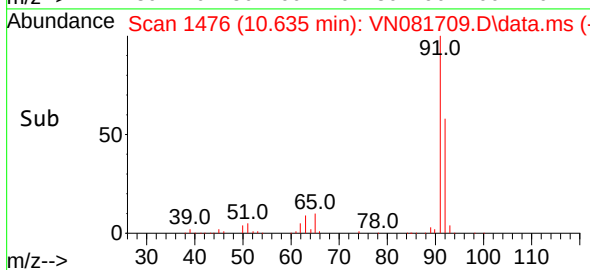
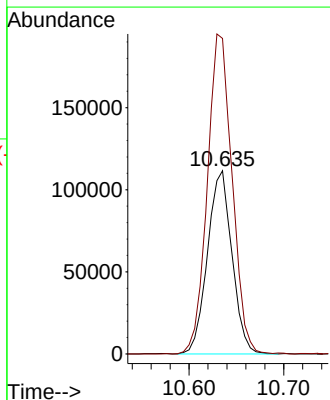
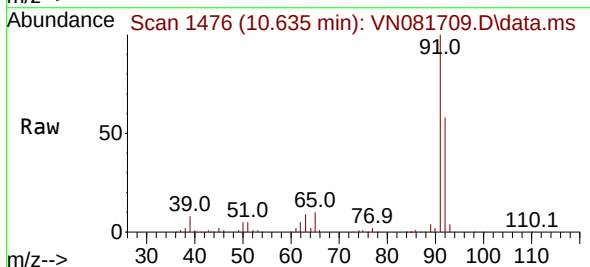
Manual Integrations
APPROVED

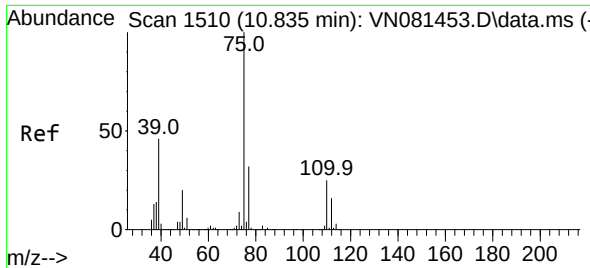
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#52
Toluene
Concen: 22.388 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Tgt Ion: 92 Resp: 200219
Ion Ratio Lower Upper
92 100
91 177.0 139.4 209.0





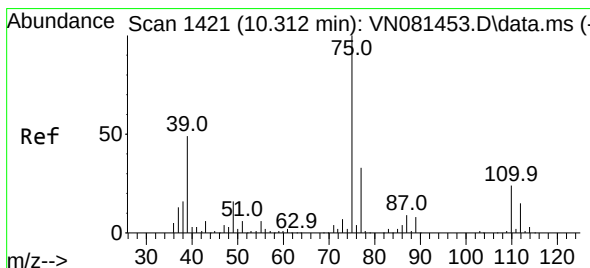
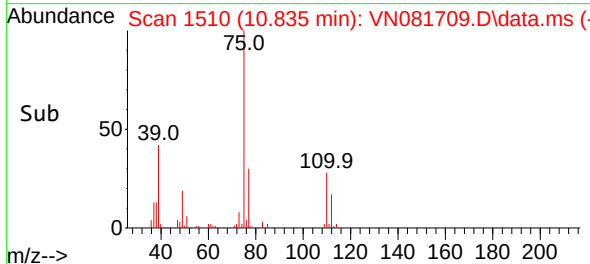
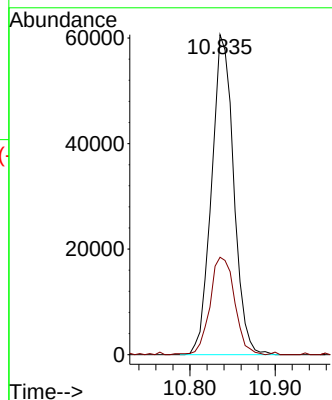
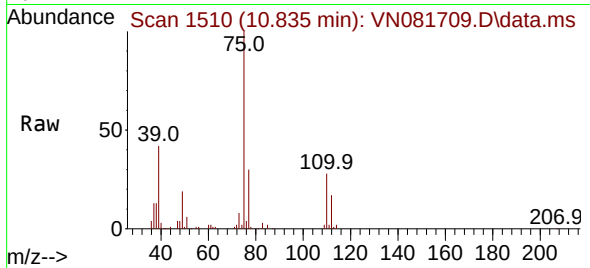
#53
 t-1,3-Dichloropropene
 Concen: 19.970 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081709.D
 Acq: 12 Apr 2024 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS01

Tgt Ion: 75 Resp: 109180
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.5 38.3

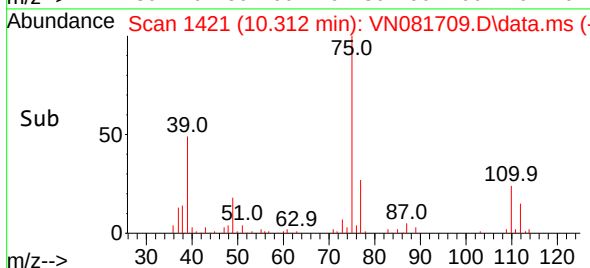
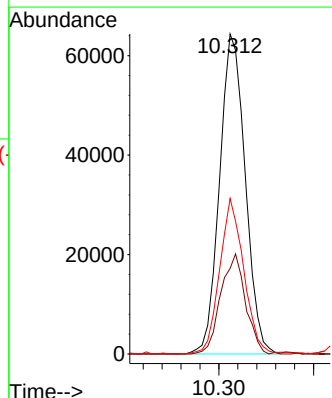
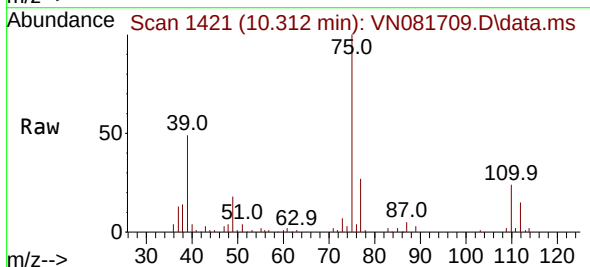
Manual Integrations
 APPROVED

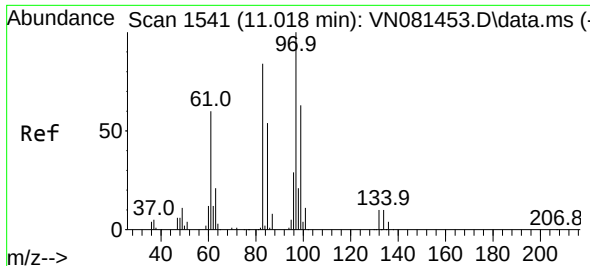
Reviewed By :John Carlone 04/15/2024
 Supervised By :Mahesh Dadoda 04/15/2024



#54
 cis-1,3-Dichloropropene
 Concen: 20.662 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081709.D
 Acq: 12 Apr 2024 11:31

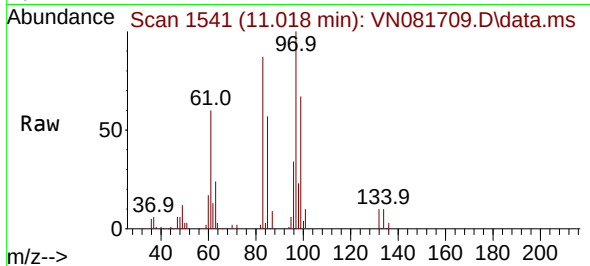
Tgt Ion: 75 Resp: 121115
 Ion Ratio Lower Upper
 75 100
 77 26.7 23.3 34.9
 39 48.6 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.892 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

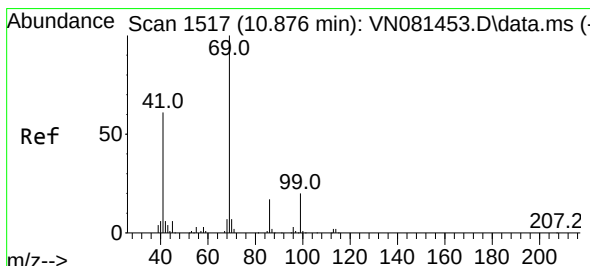
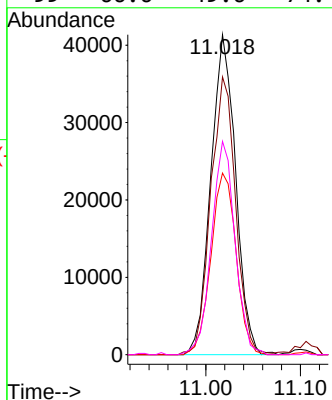
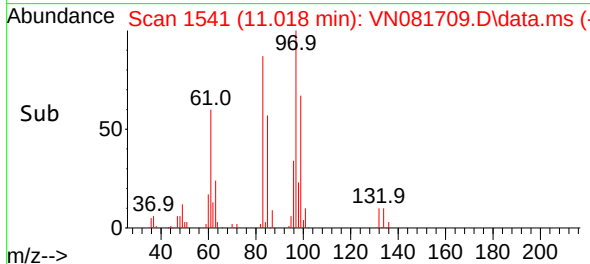
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



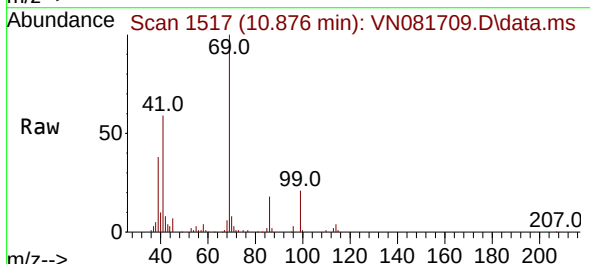
Tgt Ion:	97	Resp:	75190
Ion Ratio	Lower	Upper	
97	100		
83	86.8	72.9	109.3
85	56.7	50.2	75.2
99	66.6	49.6	74.4

Manual Integrations
APPROVED

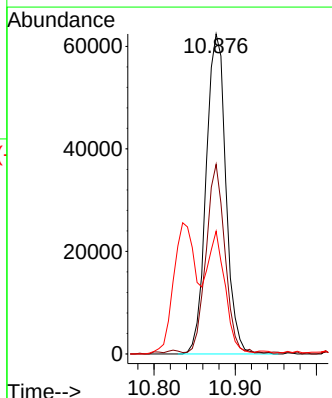
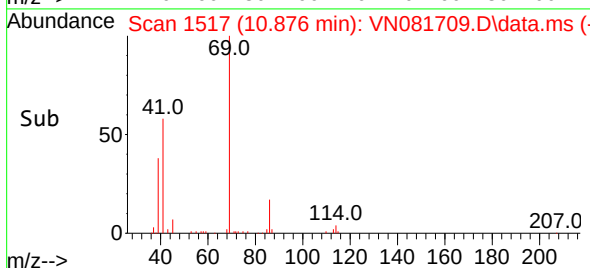
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

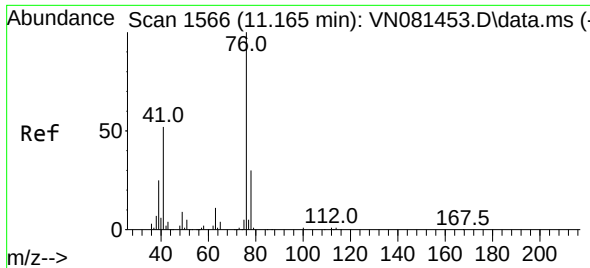


#56
Ethyl methacrylate
Concen: 21.235 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31



Tgt Ion:	69	Resp:	105434
Ion Ratio	Lower	Upper	
69	100		
41	56.3	61.0	91.6#
39	33.4	31.8	47.6





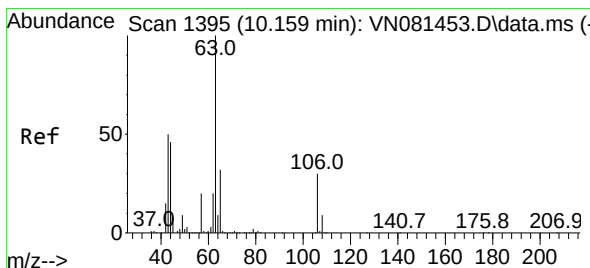
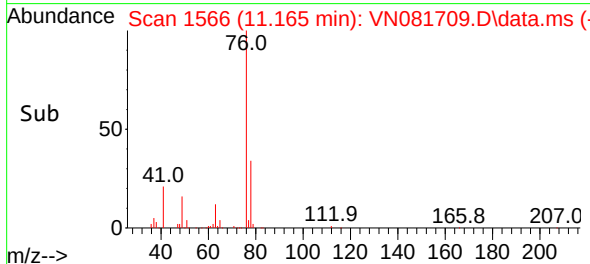
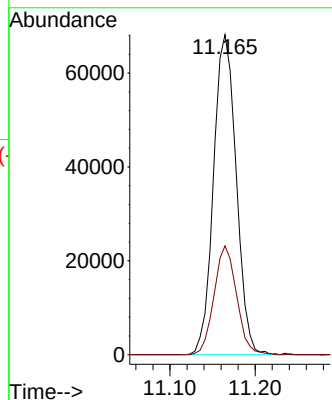
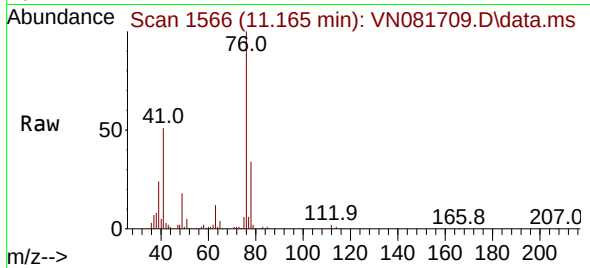
#57
1,3-Dichloropropane
Concen: 21.401 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

Tgt Ion: 76 Resp: 126268
Ion Ratio Lower Upper
76 100
78 33.8 25.5 38.3

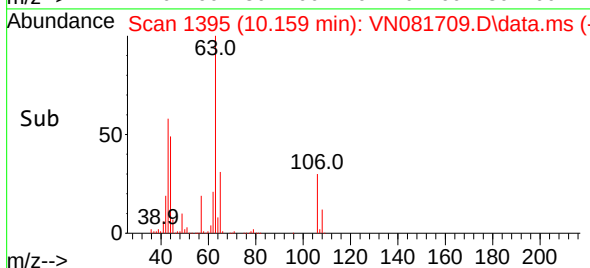
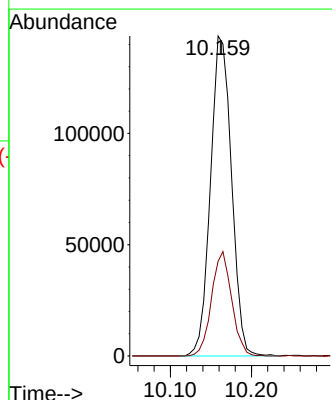
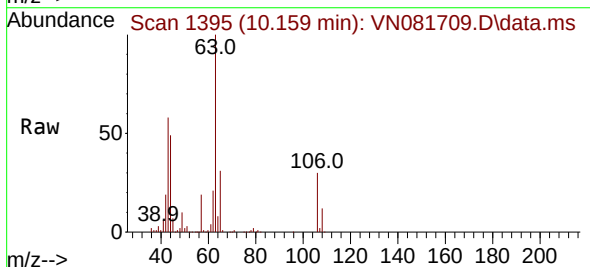
Manual Integrations
APPROVED

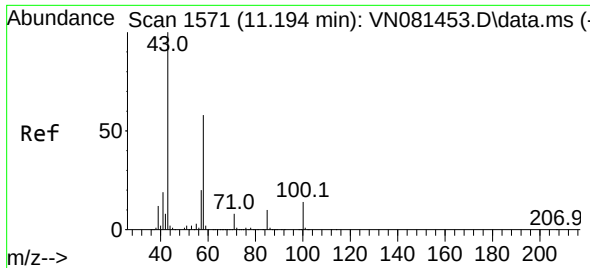
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 114.375 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

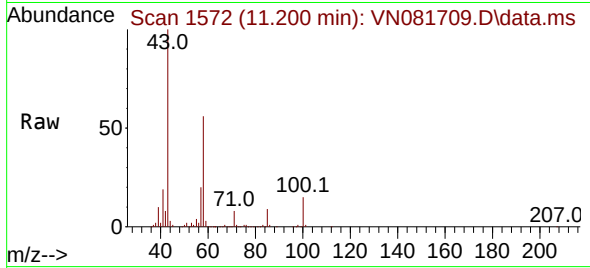
Tgt Ion: 63 Resp: 259018
Ion Ratio Lower Upper
63 100
106 31.2 18.6 28.0#





#59
2-Hexanone
Concen: 105.502 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

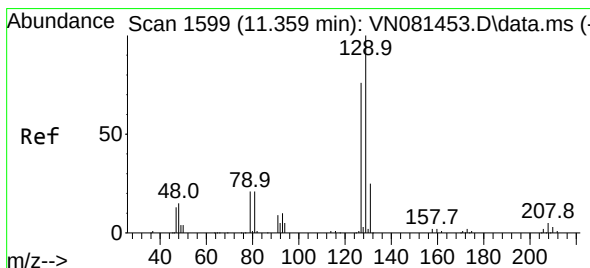
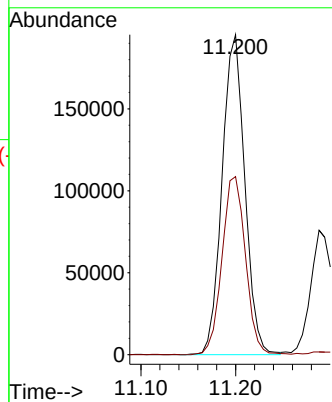
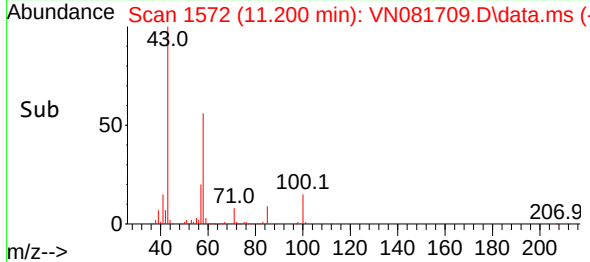
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion: 43 Resp: 32514
Ion Ratio Lower Upper
43 100
58 57.5 25.9 77.8

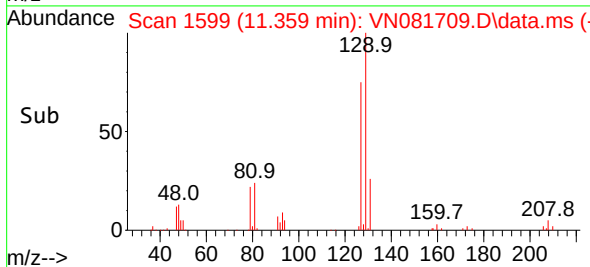
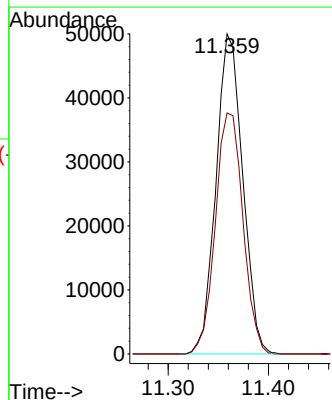
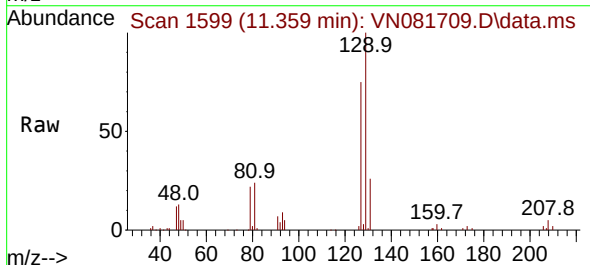
Manual Integrations
APPROVED

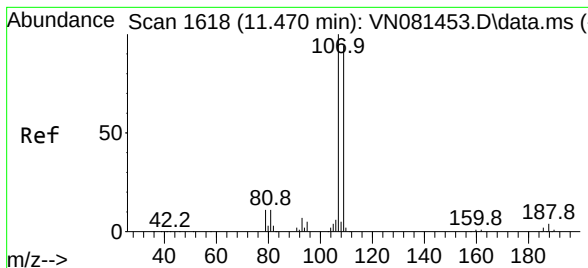
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#60
Dibromochloromethane
Concen: 23.361 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

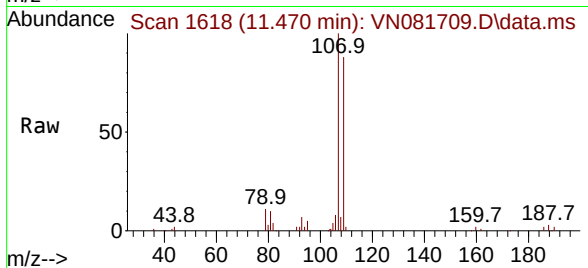
Tgt Ion:129 Resp: 92464
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 21.861 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

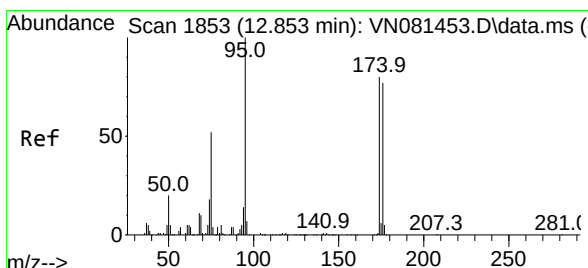
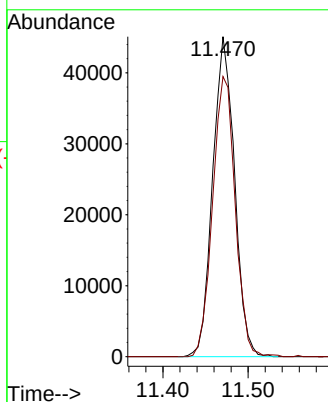
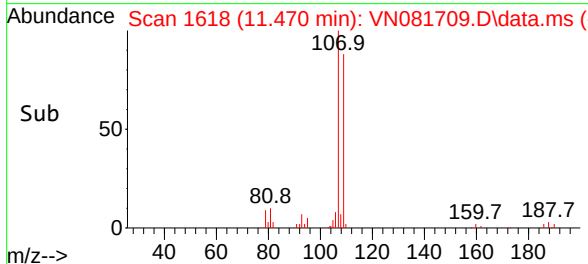
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



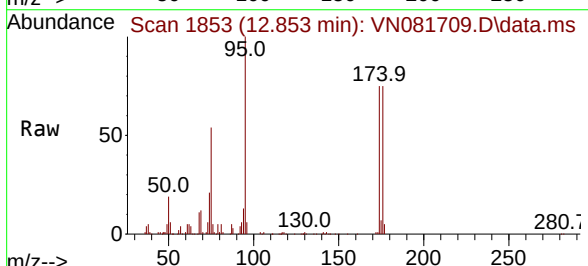
Tgt Ion:107 Resp: 80210
Ion Ratio Lower Upper
107 100
109 90.8 73.4 110.2

Manual Integrations
APPROVED

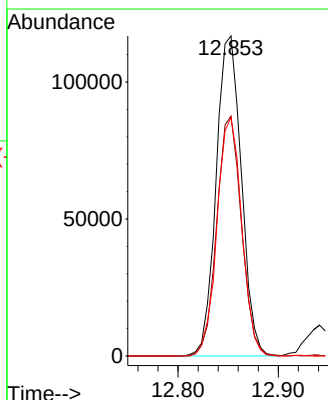
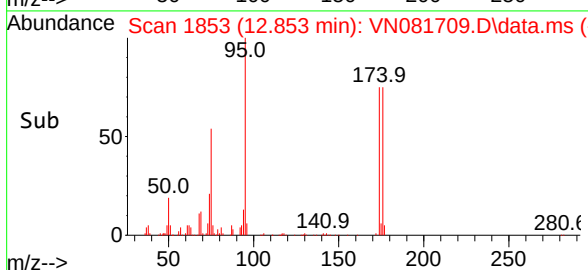
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

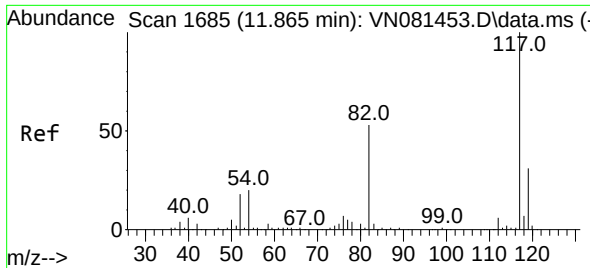


#62
4-Bromofluorobenzene
Concen: 55.976 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31



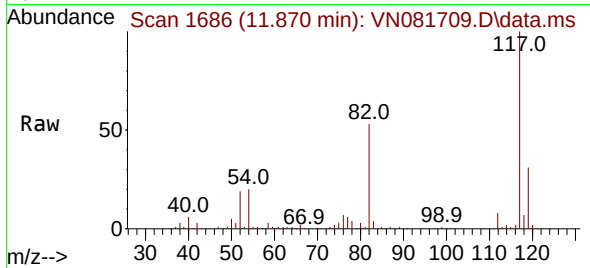
Tgt Ion: 95 Resp: 203903
Ion Ratio Lower Upper
95 100
174 73.4 0.0 120.4
176 72.9 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

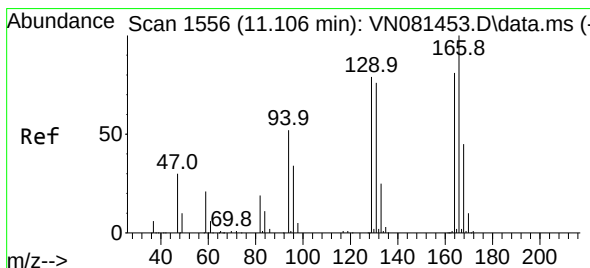
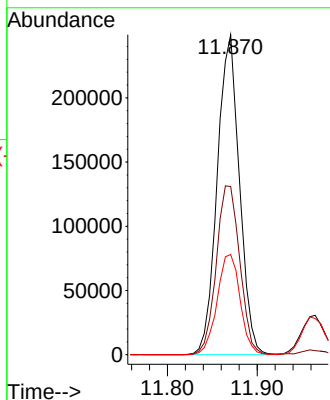
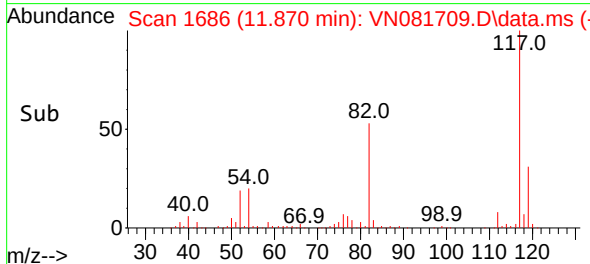
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion:117 Resp: 42814
Ion Ratio Lower Upper
117 100
82 52.6 52.7 79.1
119 31.3 25.3 37.9

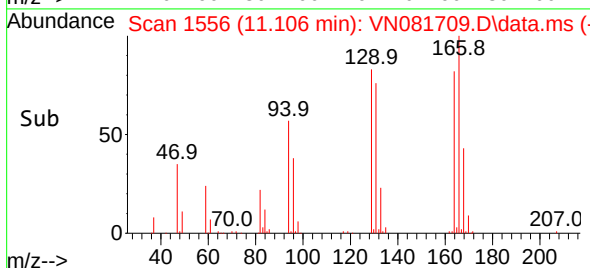
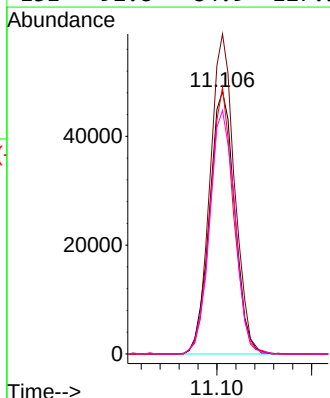
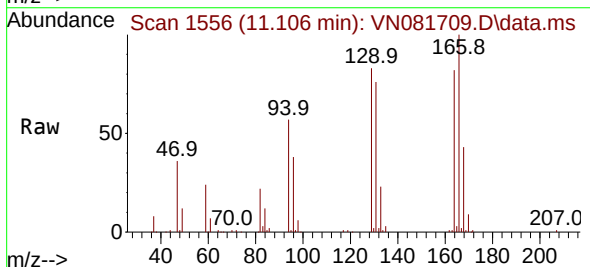
Manual Integrations
APPROVED

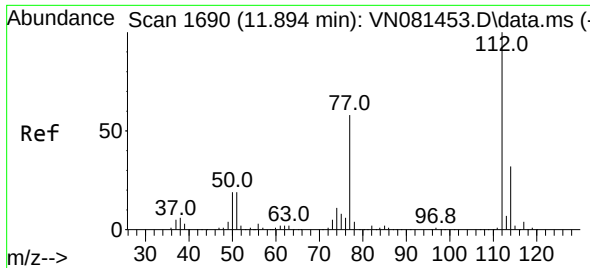
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#64
Tetrachloroethene
Concen: 21.781 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

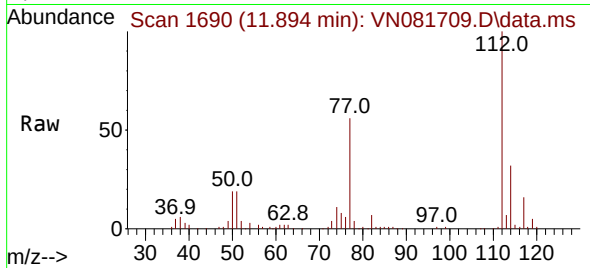
Tgt Ion:164 Resp: 89141
Ion Ratio Lower Upper
164 100
166 121.9 105.8 158.6
129 101.6 89.6 134.4
131 92.8 84.9 127.3





#65
Chlorobenzene
Concen: 22.058 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

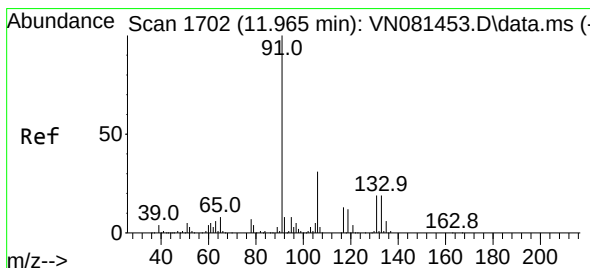
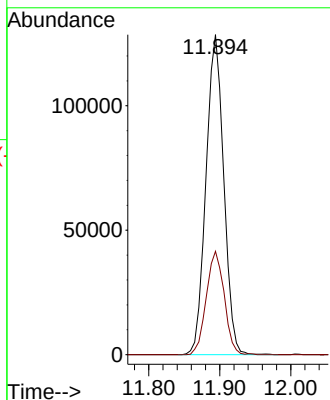
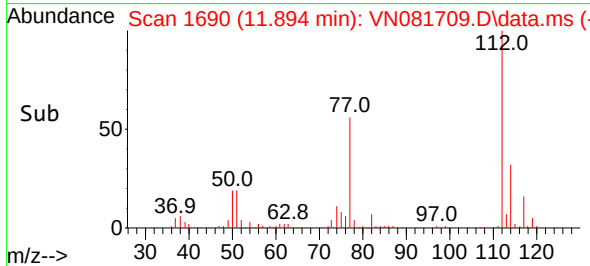
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



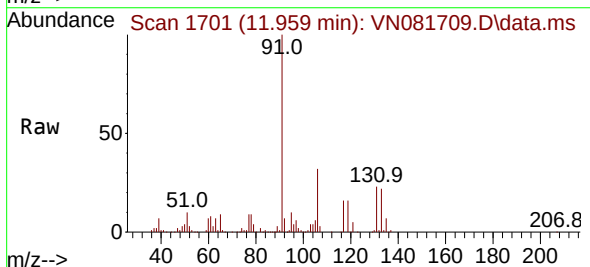
Tgt Ion:112 Resp: 22326
Ion Ratio Lower Upper
112 100
114 32.3 23.7 35.5

Manual Integrations
APPROVED

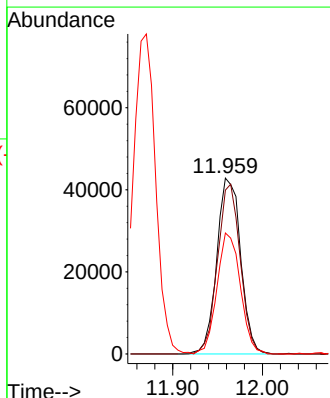
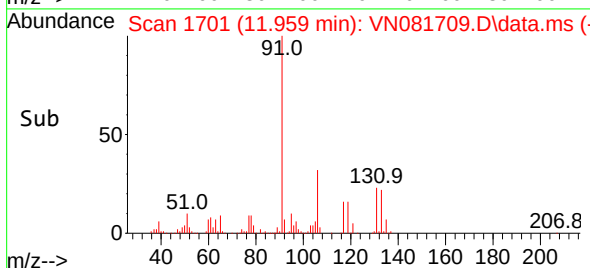
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

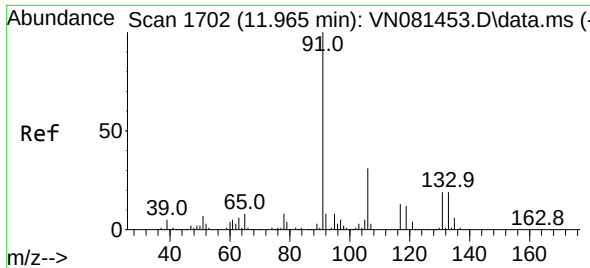


#66
1,1,1,2-Tetrachloroethane
Concen: 21.141 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31



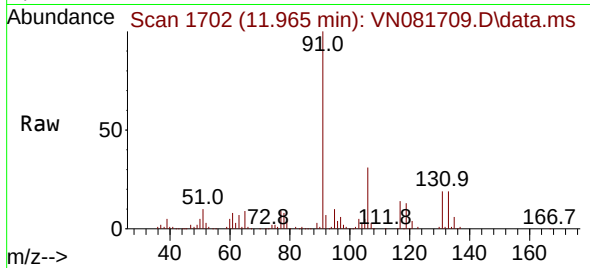
Tgt Ion:131 Resp: 79304
Ion Ratio Lower Upper
131 100
133 91.9 46.8 140.3
119 67.2 34.6 103.9





#67
Ethyl Benzene
Concen: 20.923 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

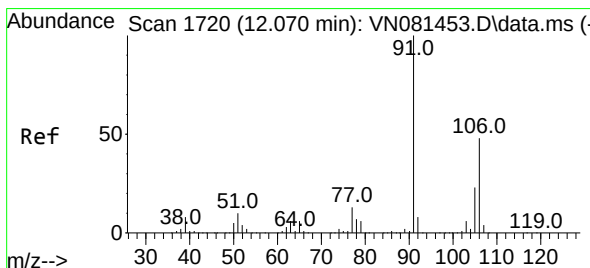
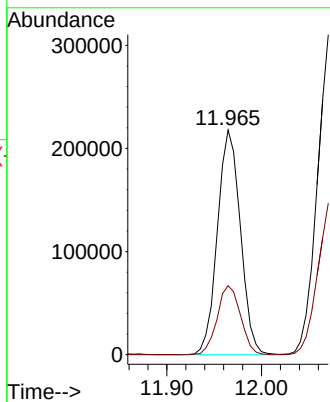
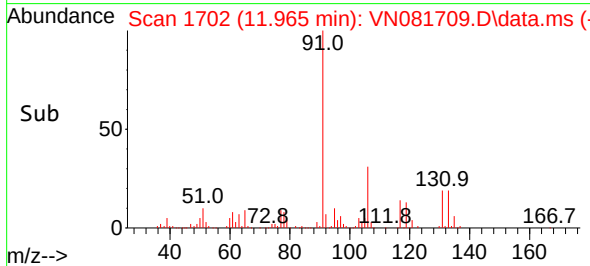
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



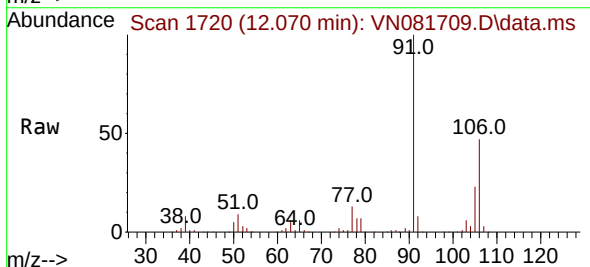
Tgt Ion: 91 Resp: 36786
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.6

Manual Integrations
APPROVED

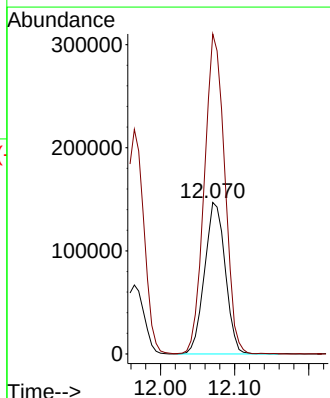
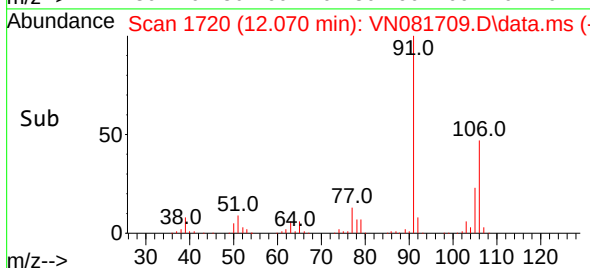
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

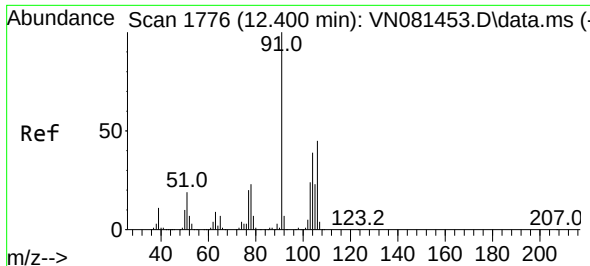


#68
m/p-Xylenes
Concen: 43.245 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31



Tgt Ion:106 Resp: 285031
Ion Ratio Lower Upper
106 100
91 207.2 169.0 253.6





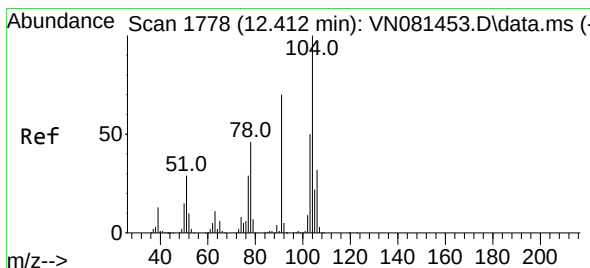
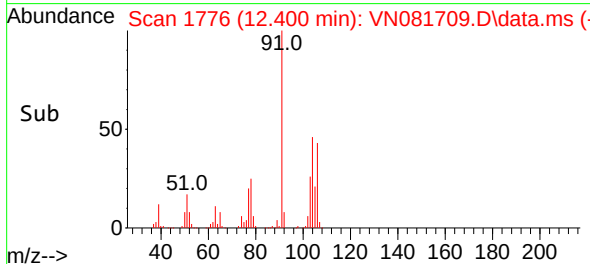
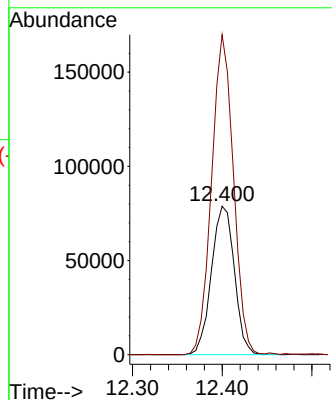
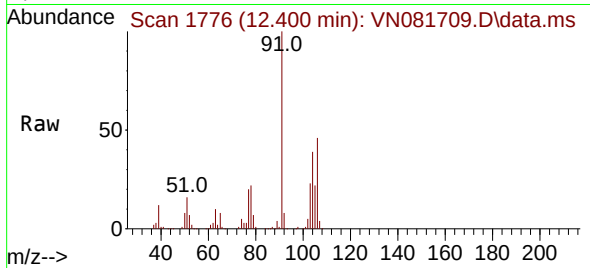
#69
o-Xylene
Concen: 21.667 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

Tgt Ion:106 Resp: 140190
Ion Ratio Lower Upper
106 100
91 205.2 112.1 336.3

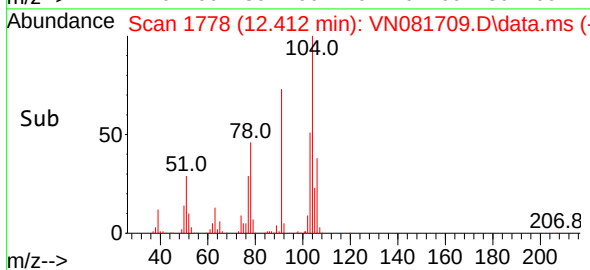
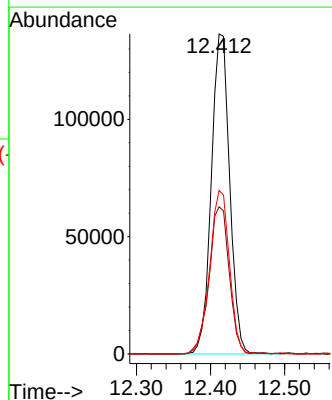
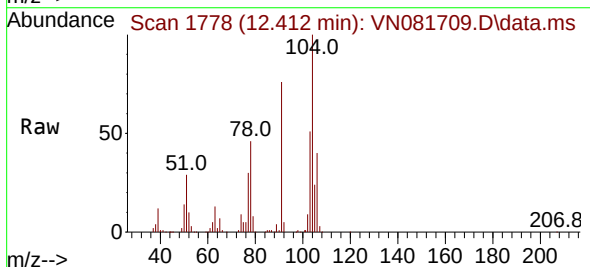
Manual Integrations
APPROVED

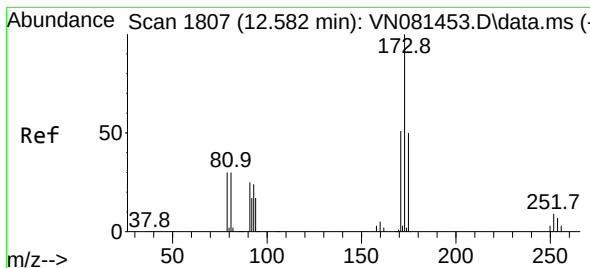
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#70
Styrene
Concen: 22.491 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Tgt Ion:104 Resp: 234707
Ion Ratio Lower Upper
104 100
78 50.6 43.8 65.8
103 55.1 44.2 66.2





#71

Bromoform

Concen: 21.253 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081709.D

Acq: 12 Apr 2024 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

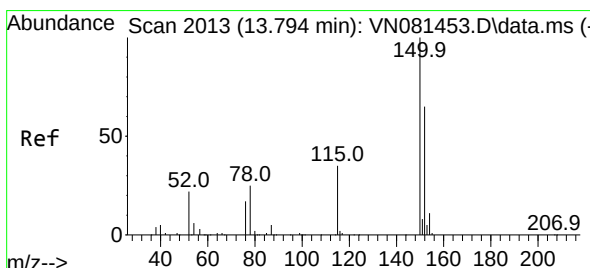
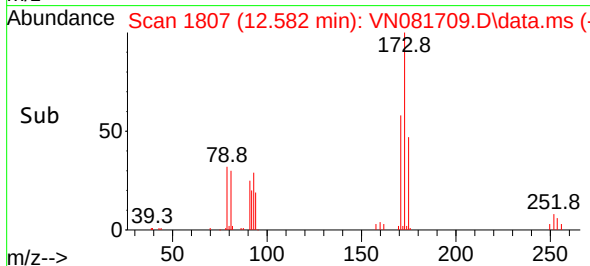
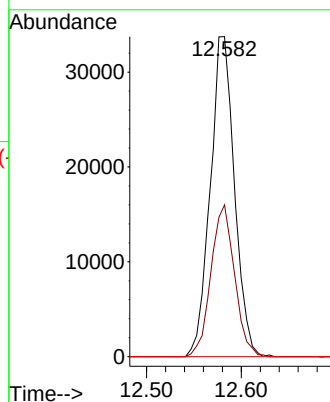
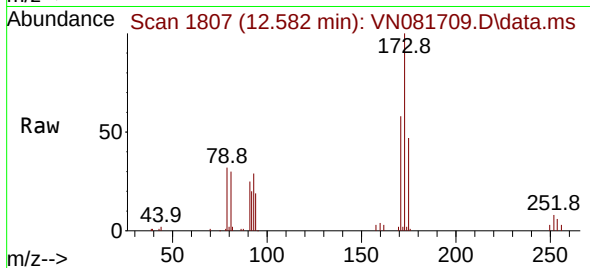
Tgt Ion:	173	Resp:	59910
Ion Ratio	Lower	Upper	
173	100		
175	46.2	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

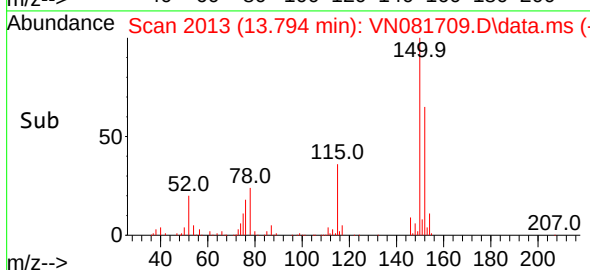
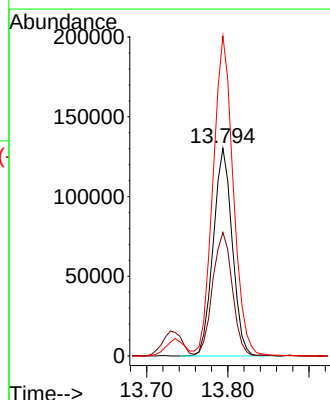
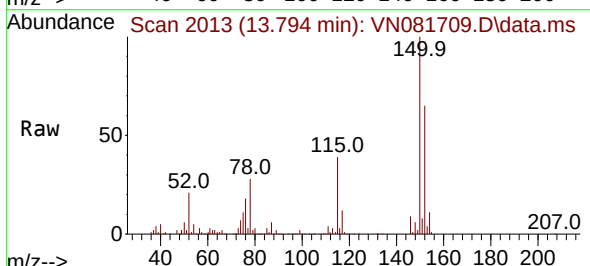
RT: 13.794 min Scan# 2013

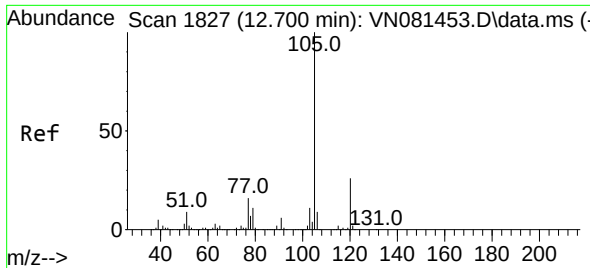
Delta R.T. 0.000 min

Lab File: VN081709.D

Acq: 12 Apr 2024 11:31

Tgt Ion:	152	Resp:	211821
Ion Ratio	Lower	Upper	
152	100		
115	61.1	32.3	96.8
150	164.2	0.0	339.8





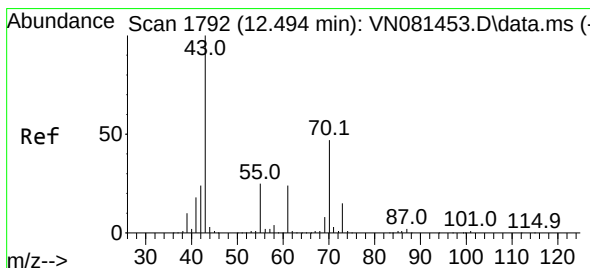
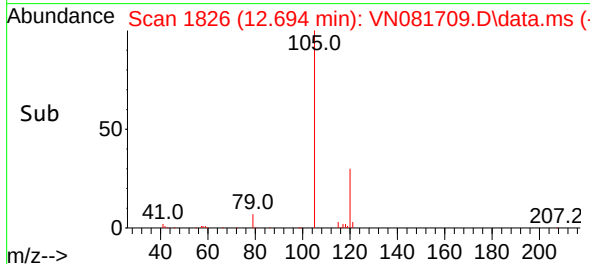
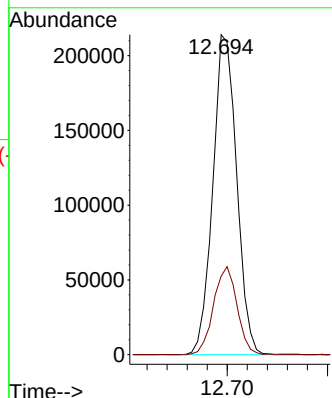
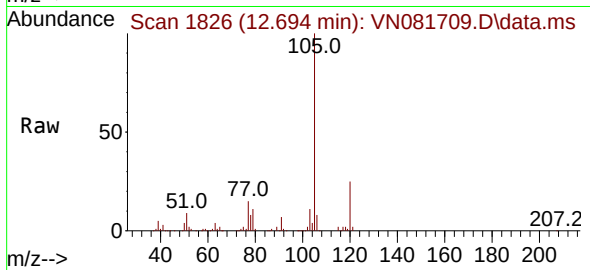
#73
Isopropylbenzene
Concen: 19.561 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

Tgt Ion:105 Resp: 353194
Ion Ratio Lower Upper
105 100
120 27.1 12.6 37.6

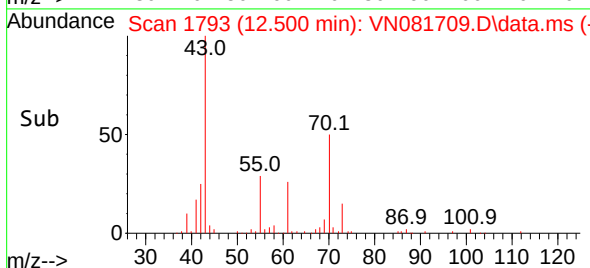
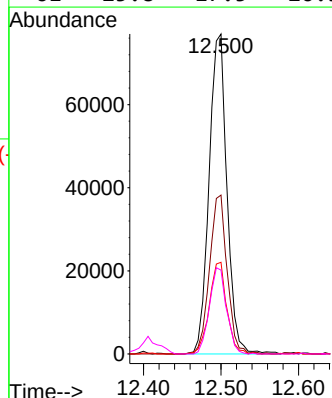
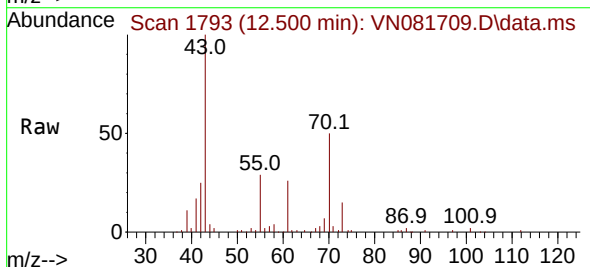
Manual Integrations
APPROVED

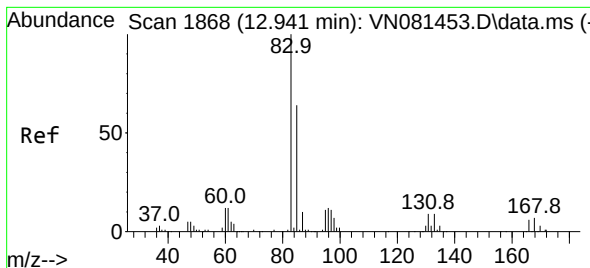
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#74
N-ethyl acetate
Concen: 18.854 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

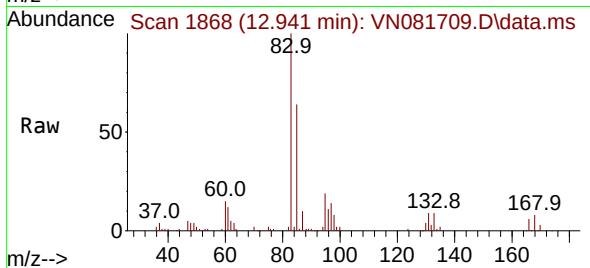
Tgt Ion: 43 Resp: 123197
Ion Ratio Lower Upper
43 100
70 49.0 30.1 45.1#
55 28.1 17.0 25.4#
61 25.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.233 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

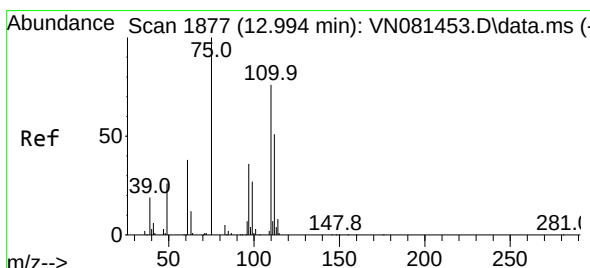
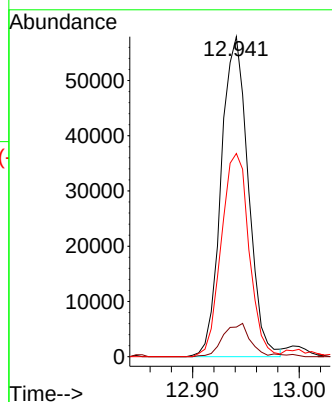
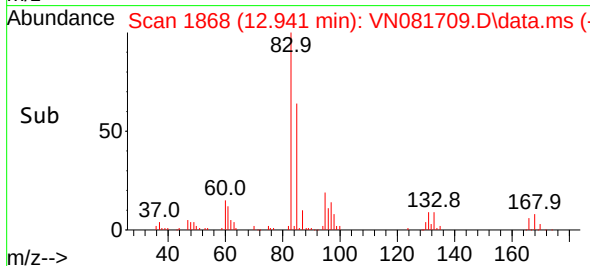
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



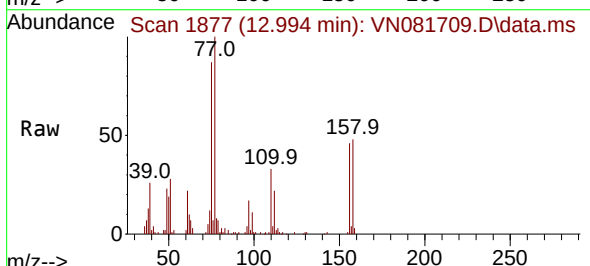
Tgt Ion: 83 Resp: 10210
Ion Ratio Lower Upper
83 100
131 10.9 4.1 12.3
85 65.2 32.1 96.3

Manual Integrations
APPROVED

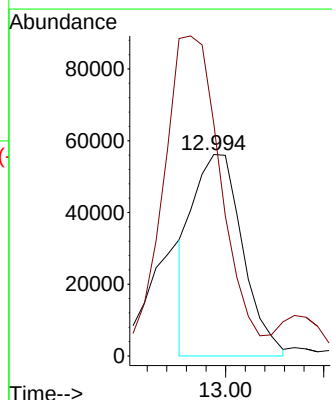
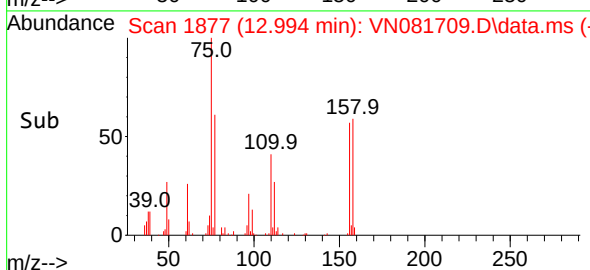
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

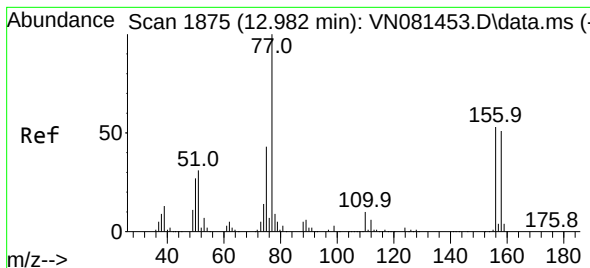


#76
1,2,3-Trichloropropane
Concen: 19.662 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31



Tgt Ion: 75 Resp: 99622
Ion Ratio Lower Upper
75 100
77 184.4 91.0 272.8





#77

Bromobenzene

Concen: 19.856 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081709.D

Acq: 12 Apr 2024 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

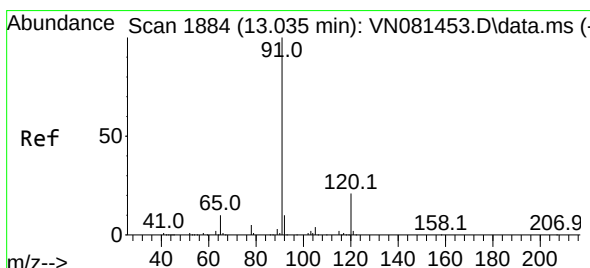
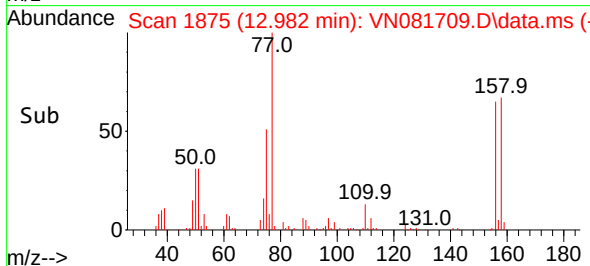
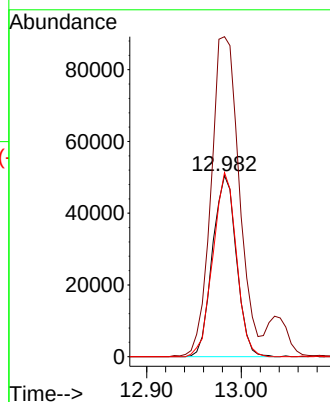
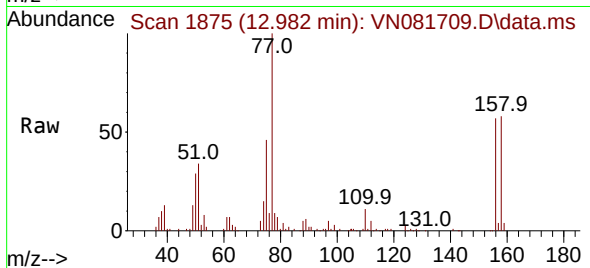
Tgt Ion:156 Resp: 8856
 Ion Ratio Lower Upper
 156 100
 77 207.4 138.1 414.3
 158 99.9 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#78

n-propylbenzene

Concen: 19.937 ug/l

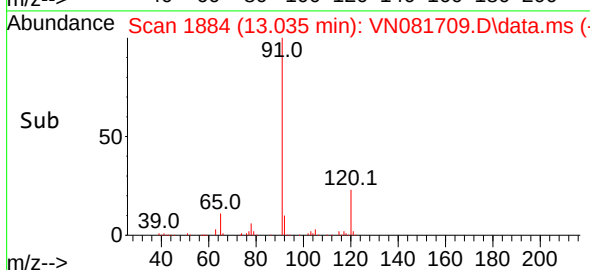
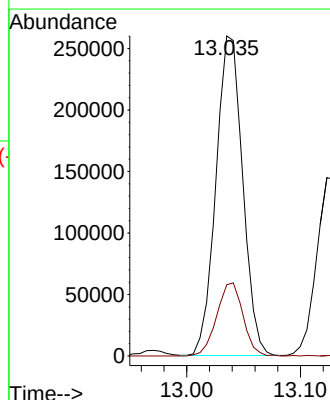
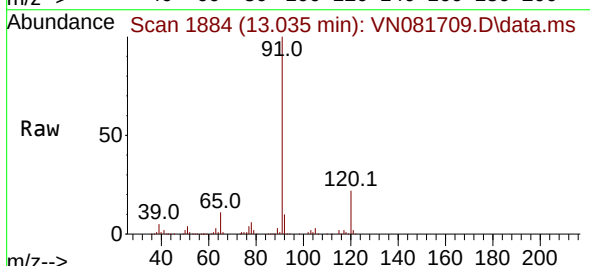
RT: 13.035 min Scan# 1884

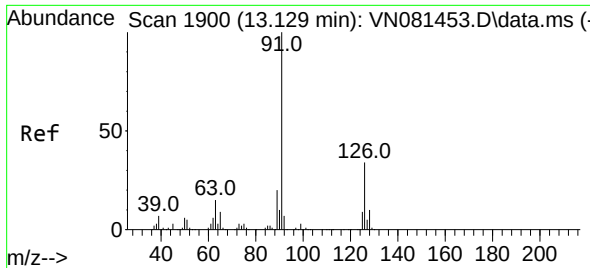
Delta R.T. 0.000 min

Lab File: VN081709.D

Acq: 12 Apr 2024 11:31

Tgt Ion: 91 Resp: 425123
 Ion Ratio Lower Upper
 91 100
 120 22.5 10.3 30.9





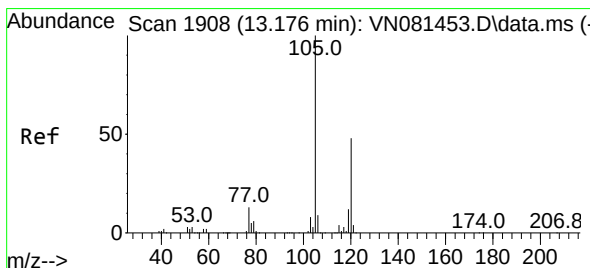
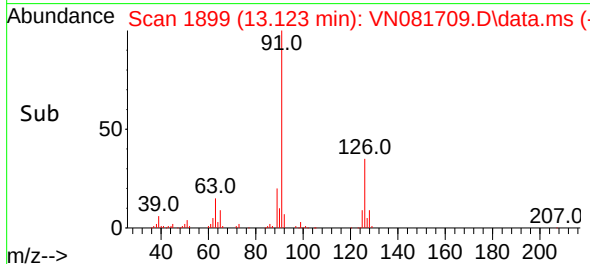
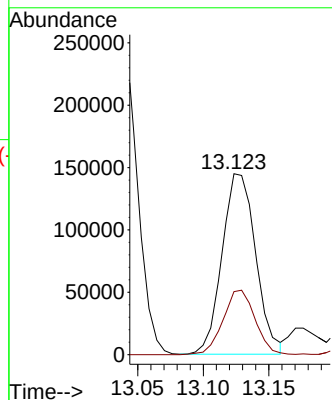
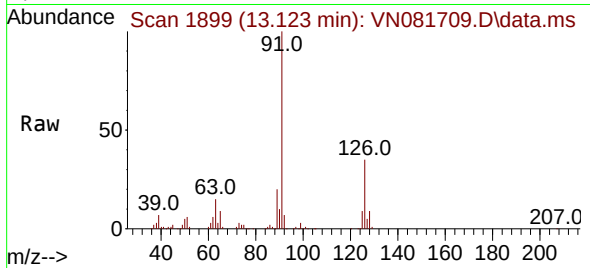
#79
2-Chlorotoluene
Concen: 20.240 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

Tgt Ion: 91 Resp: 25830
Ion Ratio Lower Upper
91 100
126 34.1 14.8 44.4

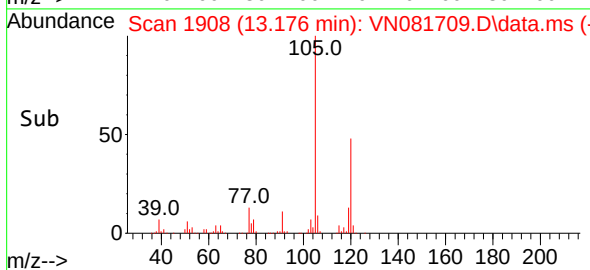
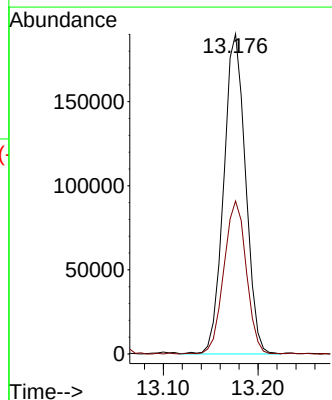
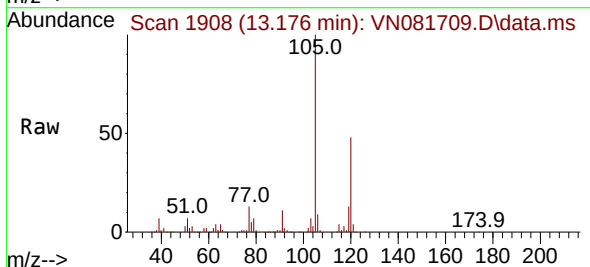
Manual Integrations
APPROVED

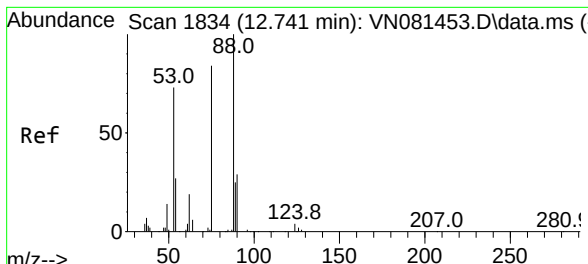
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.404 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Tgt Ion:105 Resp: 304285
Ion Ratio Lower Upper
105 100
120 49.2 23.0 69.0





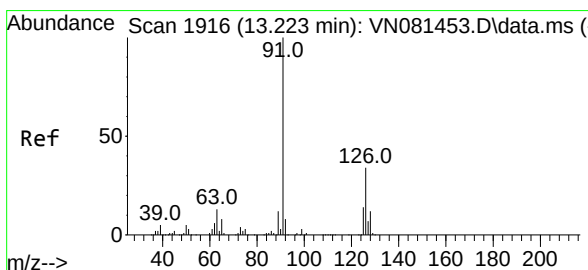
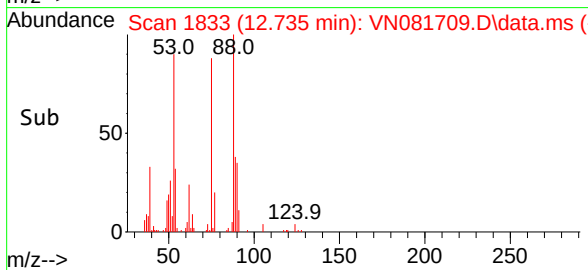
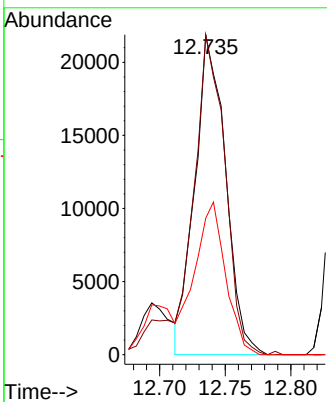
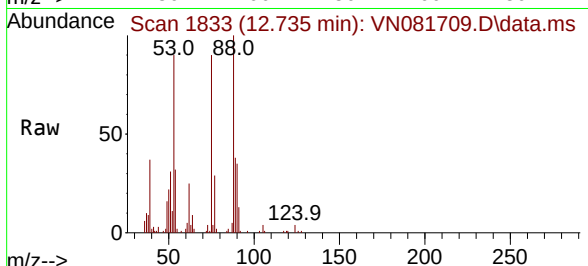
#81
trans-1,4-Dichloro-2-butene
Concen: 19.038 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Instrument : MSVOA_N
ClientSampleId : VN0412WBS01

Tgt Ion:	75	Resp:	35690
Ion Ratio	Lower	Upper	
75	100		
53	110.2	71.4	107.2
89	48.4	33.4	50.0

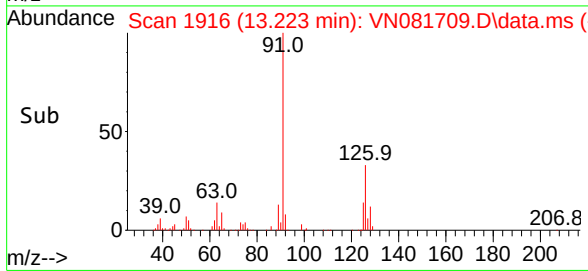
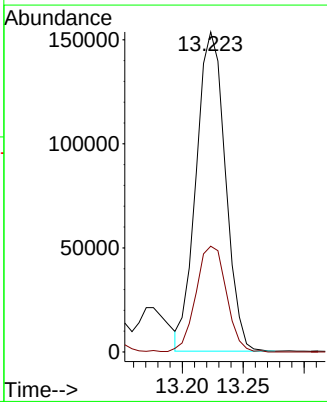
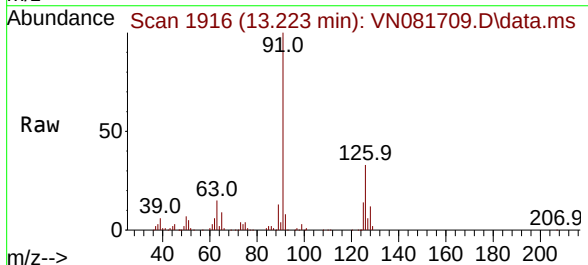
Manual Integrations
APPROVED

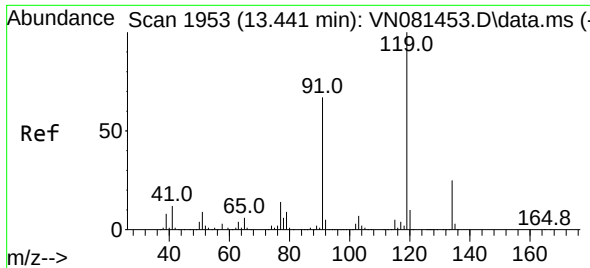
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#82
4-Chlorotoluene
Concen: 20.304 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

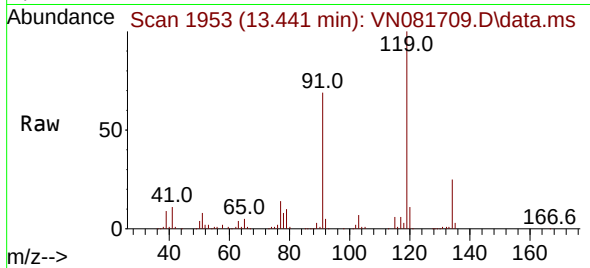
Tgt Ion:	91	Resp:	255466
Ion Ratio	Lower	Upper	
91	100		
126	34.5	15.3	45.9





#83
tert-Butylbenzene
Concen: 19.453 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

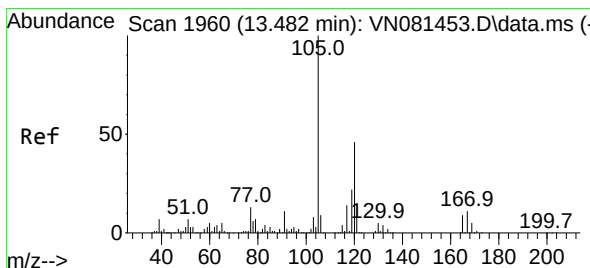
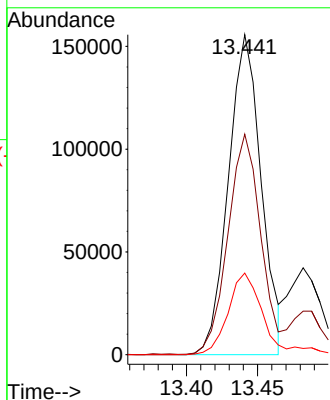
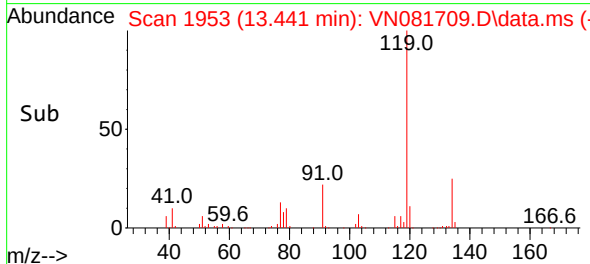
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



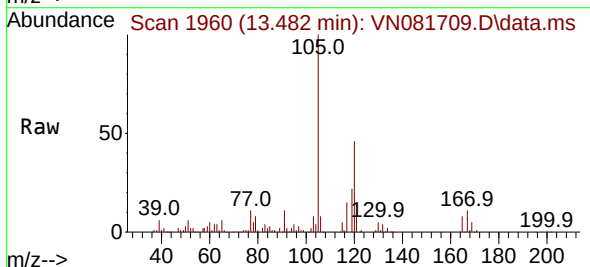
Tgt Ion:119 Resp: 250168
Ion Ratio Lower Upper
119 100
91 70.1 36.8 110.4
134 27.4 12.4 37.4

Manual Integrations
APPROVED

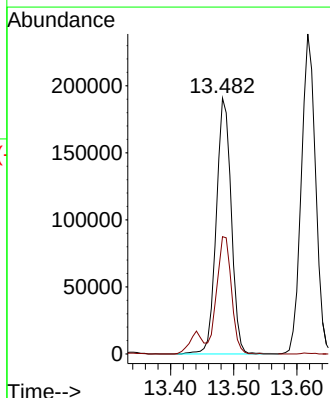
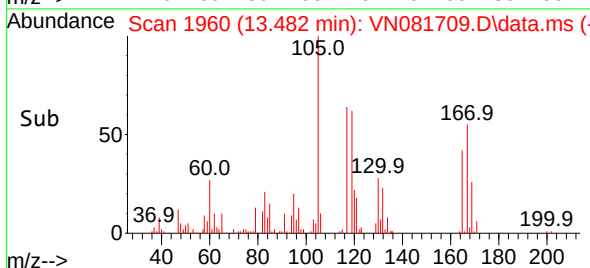
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

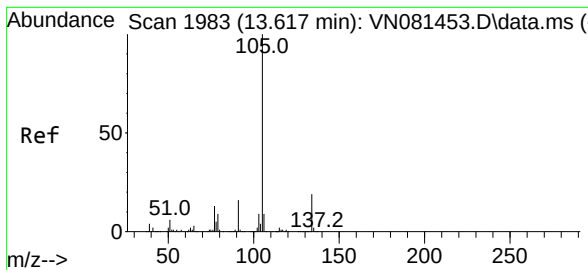


#84
1,2,4-Trimethylbenzene
Concen: 20.958 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31



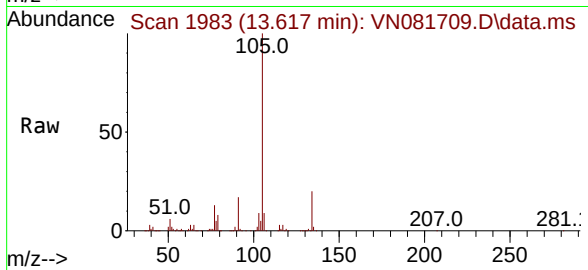
Tgt Ion:105 Resp: 314138
Ion Ratio Lower Upper
105 100
120 45.7 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 20.391 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081709.D
 Acq: 12 Apr 2024 11:31

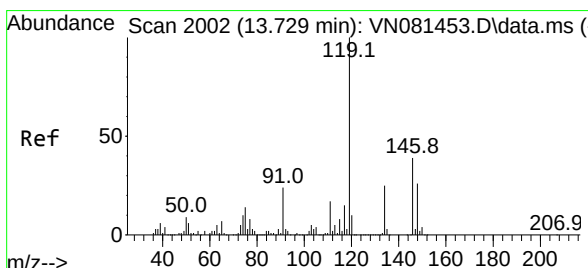
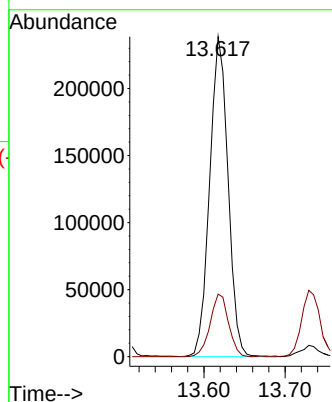
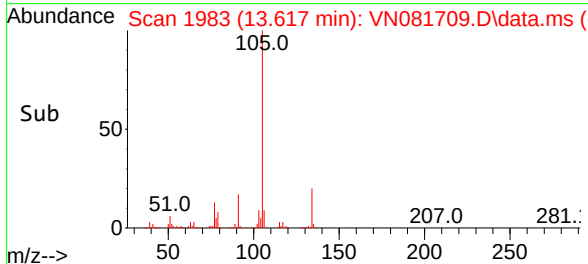
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS01



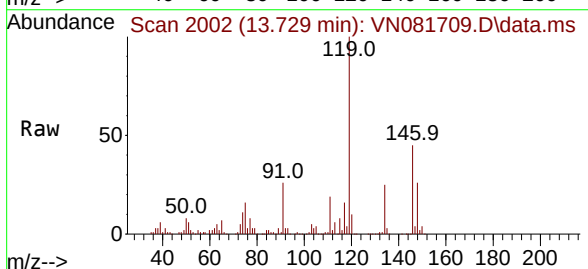
Tgt Ion:105 Resp: 374868
 Ion Ratio Lower Upper
 105 100
 134 19.6 8.6 25.8

Manual Integrations
 APPROVED

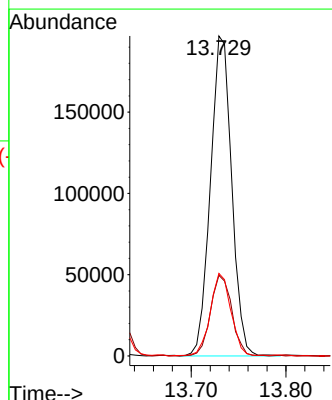
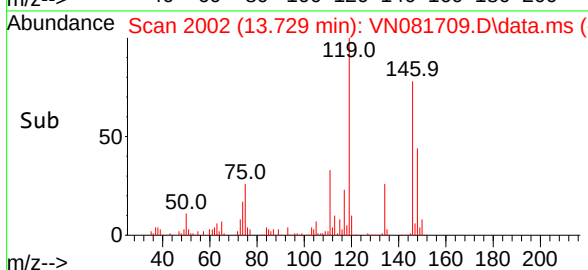
Reviewed By :John Carlone 04/15/2024
 Supervised By :Mahesh Dadoda 04/15/2024

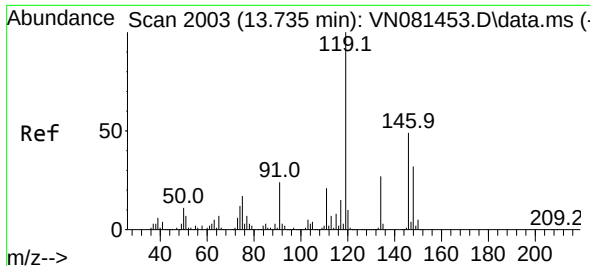


#86
 p-Isopropyltoluene
 Concen: 20.398 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081709.D
 Acq: 12 Apr 2024 11:31



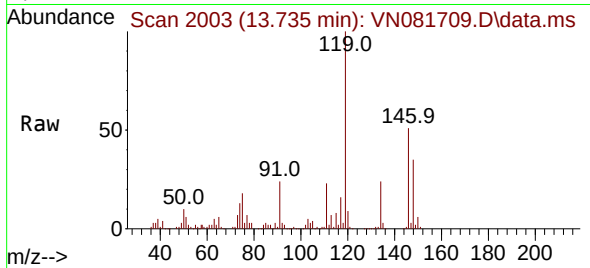
Tgt Ion:119 Resp: 306539
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.4 37.2
 91 24.7 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 20.431 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

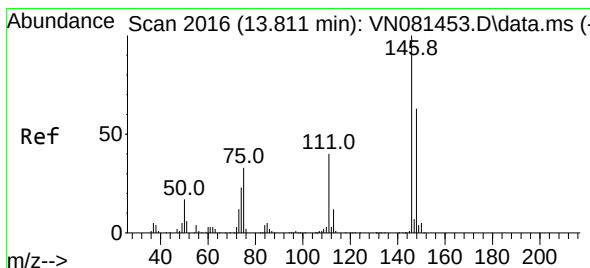
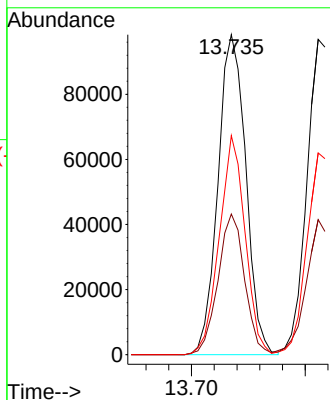
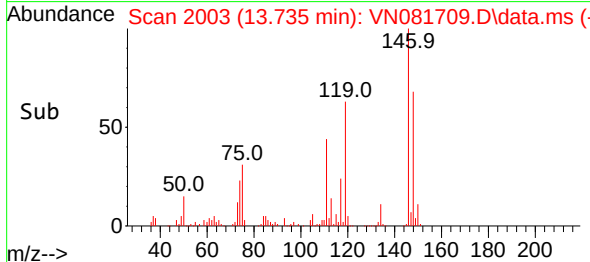
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



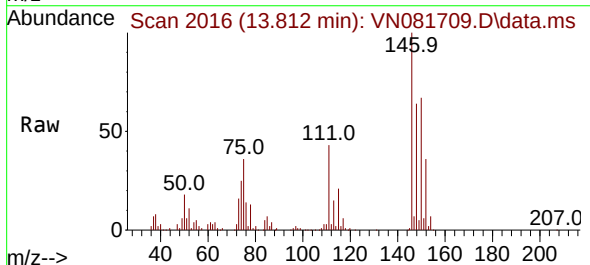
Tgt Ion:146 Resp: 167430
Ion Ratio Lower Upper
146 100
111 42.1 23.9 71.7
148 63.5 32.6 97.7

Manual Integrations
APPROVED

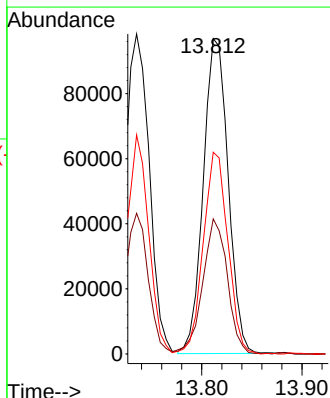
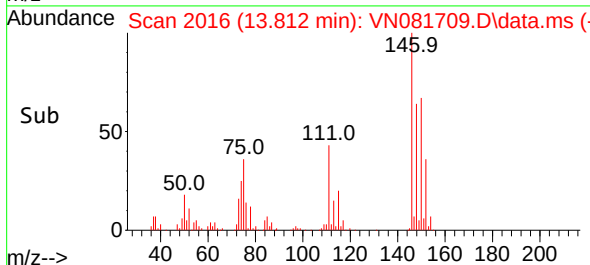
Reviewed By :John Carbone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

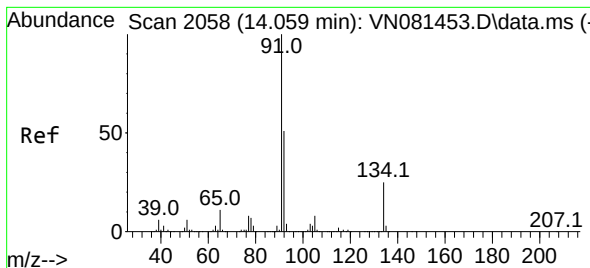


#88
1,4-Dichlorobenzene
Concen: 19.701 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31



Tgt Ion:146 Resp: 167168
Ion Ratio Lower Upper
146 100
111 42.5 22.6 67.7
148 63.4 31.9 95.5





#89

n-Butylbenzene

Concen: 19.507 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081709.D

Acq: 12 Apr 2024 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS01

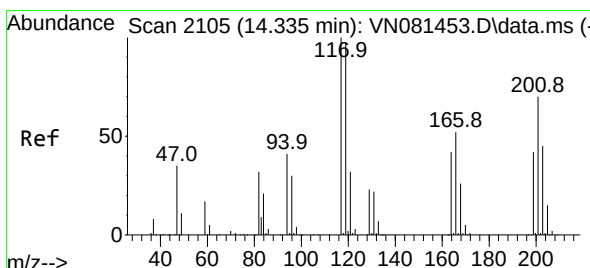
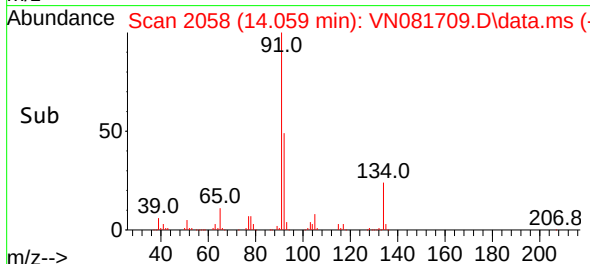
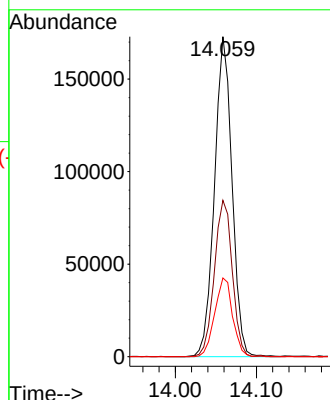
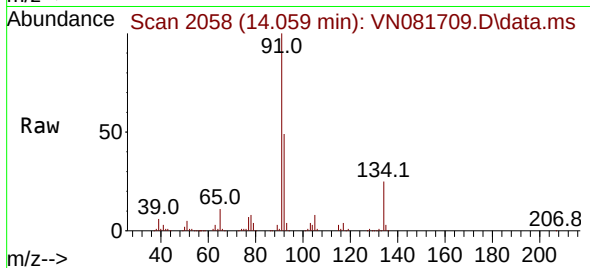
Tgt Ion:	91	Resp:	25995
Ion Ratio	Lower	Upper	
91	100		
92	49.9	26.7	80.1
134	25.1	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#90

Hexachloroethane

Concen: 21.173 ug/l

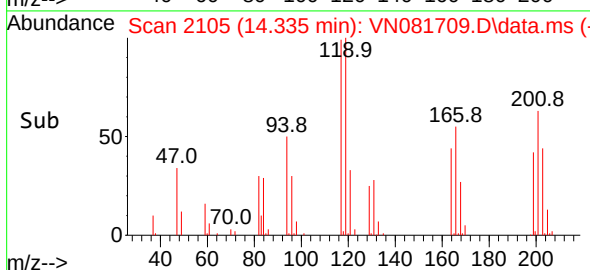
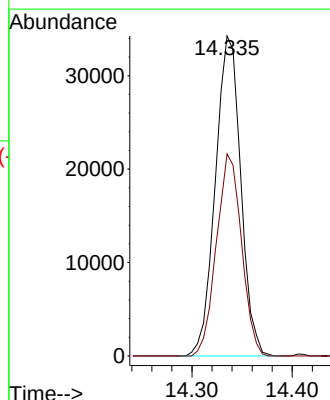
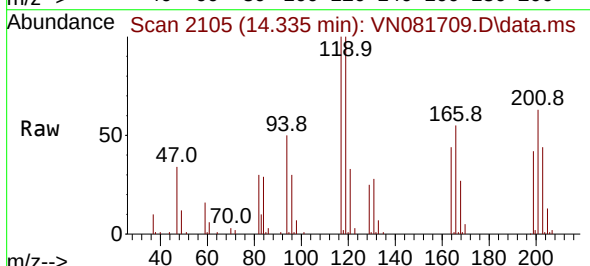
RT: 14.335 min Scan# 2105

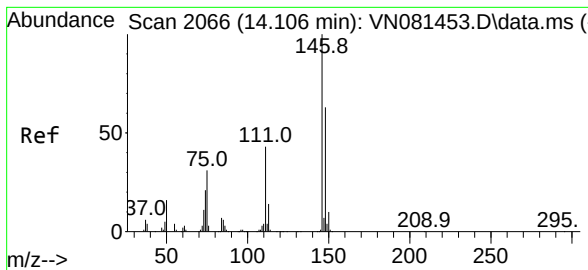
Delta R.T. 0.000 min

Lab File: VN081709.D

Acq: 12 Apr 2024 11:31

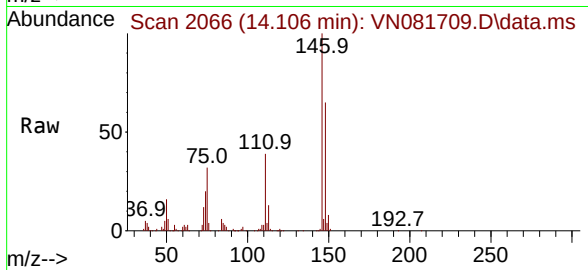
Tgt Ion:	117	Resp:	60260
Ion Ratio	Lower	Upper	
117	100		
201	62.3	30.0	90.0





#91
1,2-Dichlorobenzene
Concen: 20.843 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

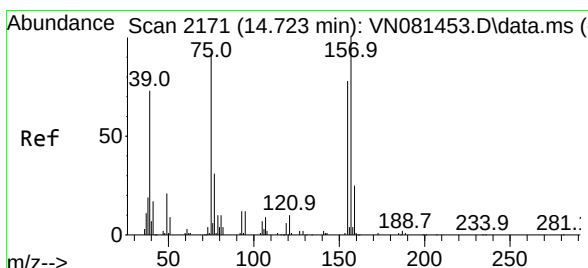
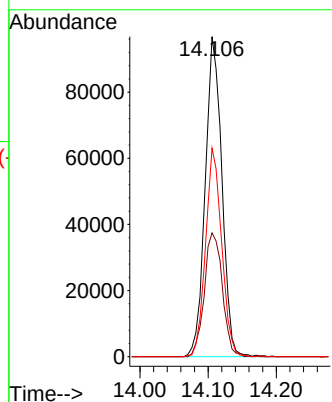
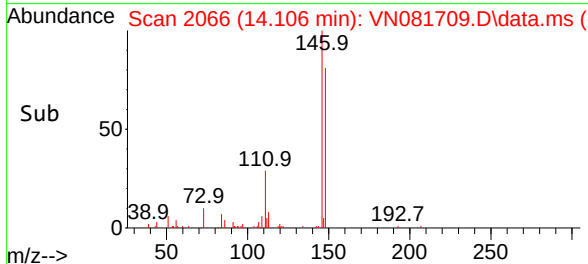
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



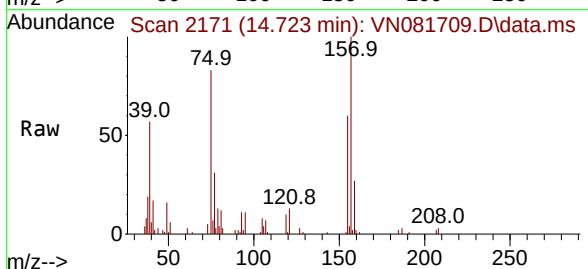
Tgt Ion:146 Resp: 164390
Ion Ratio Lower Upper
146 100
111 41.8 23.9 71.8
148 63.0 31.4 94.0

Manual Integrations
APPROVED

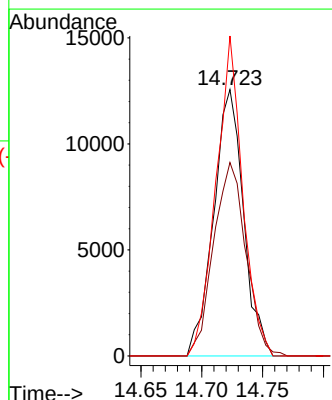
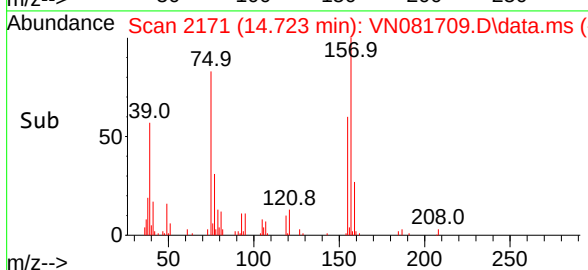
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

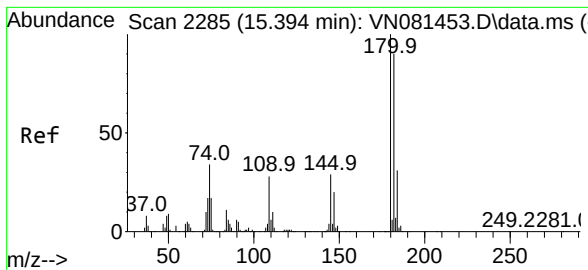


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.969 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31



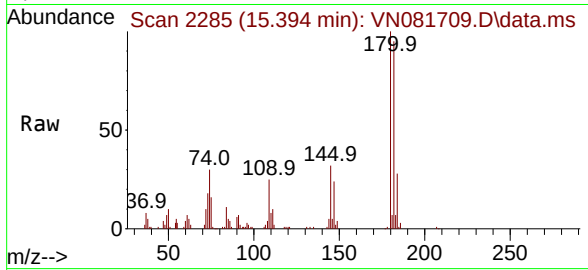
Tgt Ion: 75 Resp: 21431
Ion Ratio Lower Upper
75 100
155 78.5 31.8 95.4
157 107.4 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 17.678 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

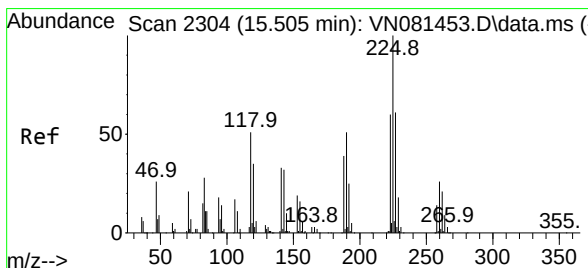
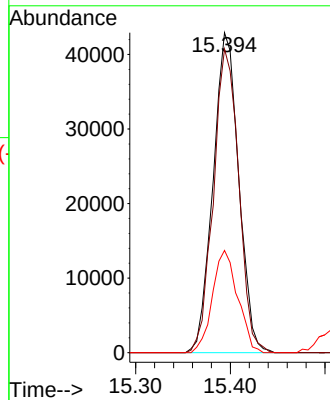
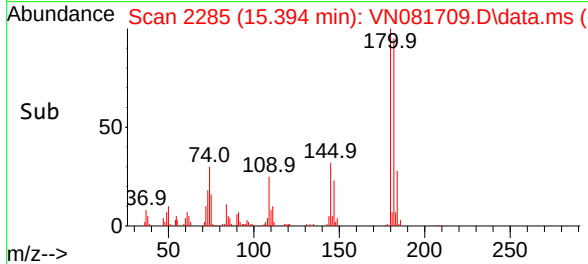
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion:180 Resp: 8062
Ion Ratio Lower Upper
180 100
182 93.7 46.6 139.7
145 31.6 16.8 50.3

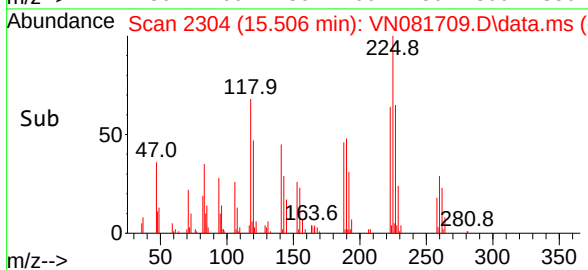
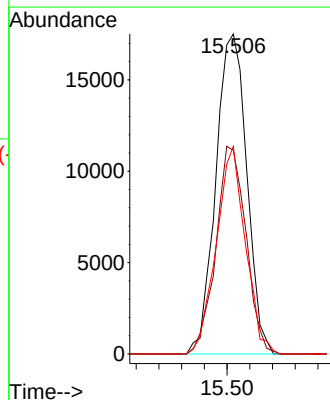
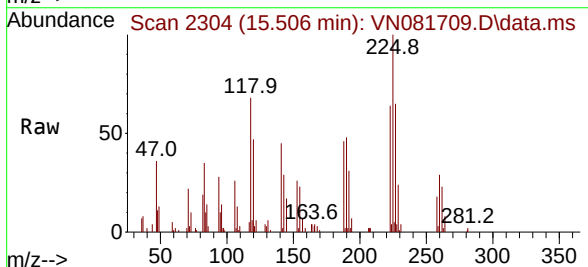
Manual Integrations
APPROVED

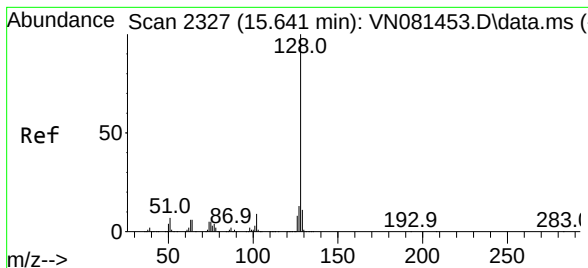
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#94
Hexachlorobutadiene
Concen: 16.537 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

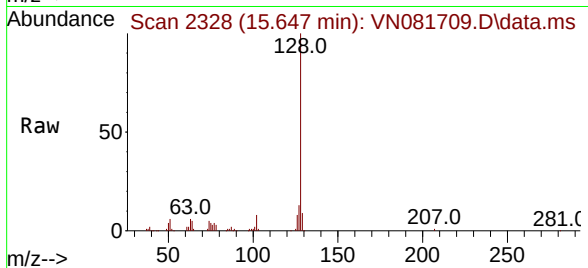
Tgt Ion:225 Resp: 33091
Ion Ratio Lower Upper
225 100
223 63.0 33.3 99.8
227 60.9 33.1 99.2





#95
Naphthalene
Concen: 17.712 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

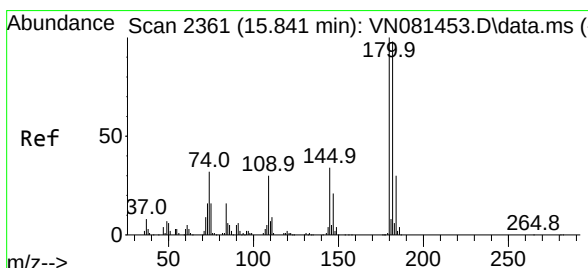
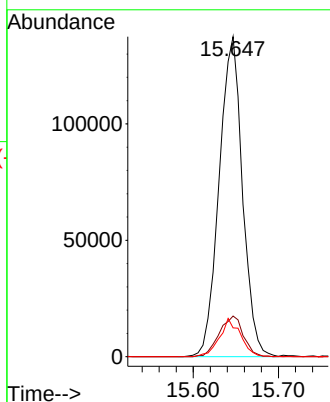
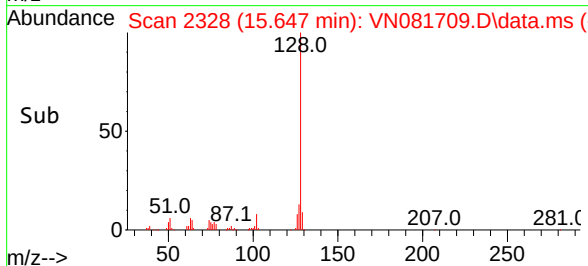
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01



Tgt Ion:128 Resp: 261752
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.025 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081709.D
Acq: 12 Apr 2024 11:31

Tgt Ion:180 Resp: 82686
Ion Ratio Lower Upper
180 100
182 93.4 46.5 139.3
145 35.1 17.8 53.4

