

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080783.D
 Acq On : 29 Jan 2024 11:01
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 29 11:21:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 10:57:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	133693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	24043	10.241	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.480%#		
35) Dibromofluoromethane	8.171	113	18261	11.411	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	22.820%#		
50) Toluene-d8	10.565	98	65493	10.733	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	21.460%#		
62) 4-Bromofluorobenzene	12.853	95	23569	10.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	20.140%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	20850	9.599	ug/l	97
3) Chloromethane	2.359	50	30312	10.556	ug/l	99
4) Vinyl Chloride	2.512	62	23530	11.940	ug/l	99
5) Bromomethane	2.959	94	9429m	12.589	ug/l	
6) Chloroethane	3.130	64	13387	11.110	ug/l	94
7) Trichlorofluoromethane	3.495	101	30301	9.311	ug/l	90
8) Diethyl Ether	3.959	74	14380	10.111	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	16890	9.522	ug/l	94
10) Methyl Iodide	4.589	142	14703	9.913	ug/l #	97
11) Tert butyl alcohol	5.512	59	18929	47.674	ug/l	97
12) 1,1-Dichloroethene	4.348	96	19149	9.594	ug/l	80
13) Acrolein	4.183	56	24560	74.030	ug/l	90
14) Allyl chloride	5.024	41	36782	9.296	ug/l	95
15) Acrylonitrile	5.724	53	56763	54.746	ug/l	96
16) Acetone	4.424	43	44993	58.372	ug/l	98
17) Carbon Disulfide	4.718	76	60921	9.979	ug/l	96
18) Methyl Acetate	5.030	43	31929	13.911	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	67001	9.741	ug/l	97
20) Methylene Chloride	5.277	84	21794	9.686	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	19705	9.733	ug/l	97
22) Diisopropyl ether	6.665	45	84469	11.321	ug/l	95
23) Vinyl Acetate	6.606	43	328606	54.111	ug/l	99
24) 1,1-Dichloroethane	6.559	63	42794	10.478	ug/l	97
25) 2-Butanone	7.483	43	81279	58.337	ug/l	100
26) 2,2-Dichloropropane	7.488	77	33433	9.360	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	24622	11.032	ug/l	93
28) Bromochloromethane	7.812	49	23705	12.415	ug/l	98
29) Tetrahydrofuran	7.835	42	55571	59.175	ug/l	98
30) Chloroform	7.965	83	38865	10.150	ug/l	95
31) Cyclohexane	8.259	56	41365	11.404	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	31431	9.222	ug/l	95
36) 1,1-Dichloropropene	8.371	75	30695	9.363	ug/l	98
37) Ethyl Acetate	7.559	43	32388	10.189	ug/l #	96
38) Carbon Tetrachloride	8.365	117	25994	8.831	ug/l	99
39) Methylcyclohexane	9.600	83	30940	9.863	ug/l	90
40) Benzene	8.606	78	94490	10.253	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	17979	9.751	ug/l	97
42) 1,2-Dichloroethane	8.671	62	30659	8.690	ug/l	99
43) Isopropyl Acetate	8.688	43	57626	9.862	ug/l	98
44) Trichloroethene	9.359	130	20592	9.870	ug/l	99
45) 1,2-Dichloropropane	9.624	63	25034	10.246	ug/l	97
46) Dibromomethane	9.706	93	14551	9.413	ug/l	98
47) Bromodichloromethane	9.888	83	30930	9.015	ug/l #	99
48) Methyl methacrylate	9.682	41	27675	10.004	ug/l	97
49) 1,4-Dioxane	9.694	88	6720	194.951	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	169590	53.798	ug/l	99
52) Toluene	10.635	92	53305	10.095	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	35154	9.231	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	37552	9.299	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	19048	9.372	ug/l	92
56) Ethyl methacrylate	10.876	69	33730	9.266	ug/l #	95
57) 1,3-Dichloropropane	11.165	76	38584	10.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	94376	54.129	ug/l	97
59) 2-Hexanone	11.194	43	122410	52.602	ug/l	100
60) Dibromochloromethane	11.365	129	18633	8.921	ug/l	98
61) 1,2-Dibromoethane	11.465	107	20611	10.317	ug/l	91
64) Tetrachloroethene	11.106	164	15605	9.536	ug/l	96
65) Chlorobenzene	11.888	112	52341	10.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	17039	9.219	ug/l	96
67) Ethyl Benzene	11.965	91	97438	9.802	ug/l	96
68) m/p-Xylenes	12.071	106	67920	19.434	ug/l	92
69) o-Xylene	12.400	106	34873	10.205	ug/l	98
70) Styrene	12.412	104	56098	9.668	ug/l	98
71) Bromoform	12.582	173	10629	8.359	ug/l #	93
73) Isopropylbenzene	12.700	105	83565	10.084	ug/l	100
74) N-amyl acetate	12.494	43	48128	9.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	27116	9.975	ug/l	90
76) 1,2,3-Trichloropropane	12.994	75	25474m	9.480	ug/l	
77) Bromobenzene	12.982	156	16265	9.241	ug/l	88
78) n-propylbenzene	13.035	91	100713	9.907	ug/l	100
79) 2-Chlorotoluene	13.123	91	60867	9.343	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	67096	9.715	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	10670	9.360	ug/l	98
82) 4-Chlorotoluene	13.223	91	60389	9.455	ug/l	100
83) tert-Butylbenzene	13.441	119	52913	9.584	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	66941	9.857	ug/l	96
85) sec-Butylbenzene	13.617	105	76821	9.793	ug/l	99
86) p-Isopropyltoluene	13.729	119	60778	9.810	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	31598	10.051	ug/l	93
88) 1,4-Dichlorobenzene	13.817	146	30991	9.676	ug/l	96
89) n-Butylbenzene	14.059	91	56711	9.496	ug/l	99
90) Hexachloroethane	14.335	117	10453	9.098	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	29259	9.877	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	4892	7.229	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	13611	8.822	ug/l	97
94) Hexachlorobutadiene	15.500	225	6080	8.211	ug/l	99
95) Naphthalene	15.641	128	56614	9.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	14657	9.814	ug/l	97

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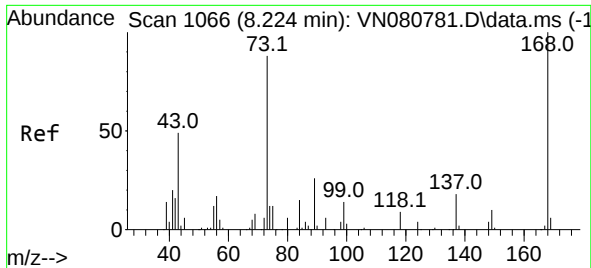
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

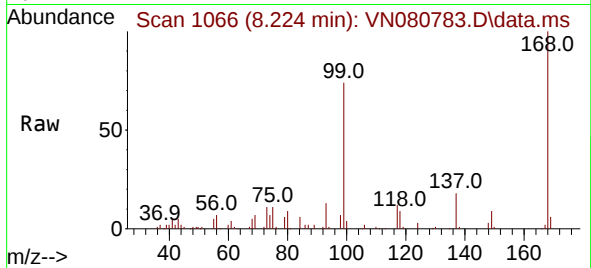
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

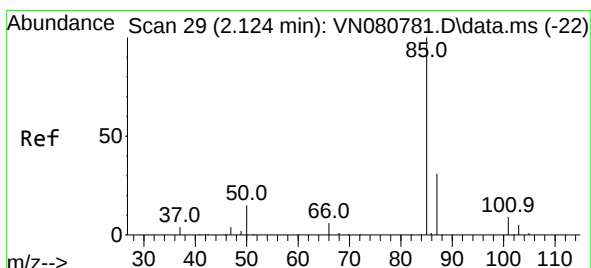
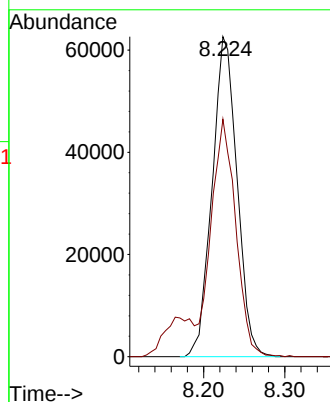
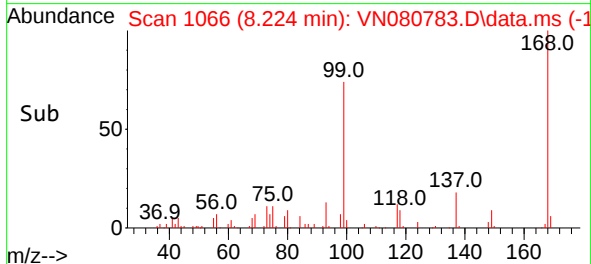
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 13369
Ion Ratio Lower Upper
168 100
99 73.9 59.9 89.9

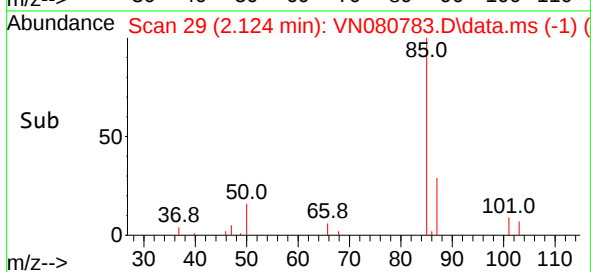
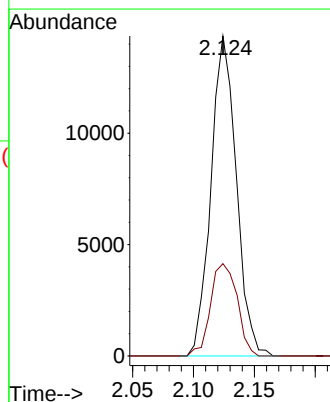
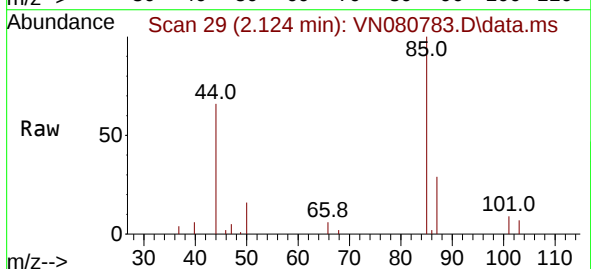
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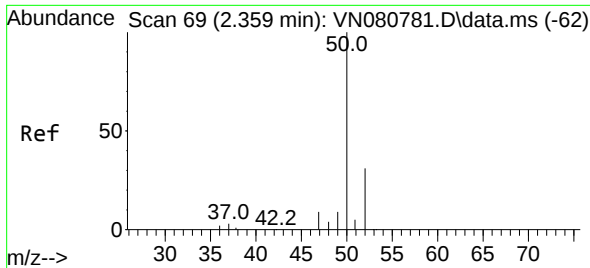
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#2
Dichlorodifluoromethane
Concen: 9.599 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Tgt Ion: 85 Resp: 20850
Ion Ratio Lower Upper
85 100
87 28.9 15.3 45.9





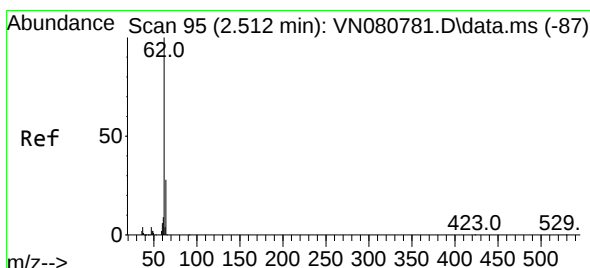
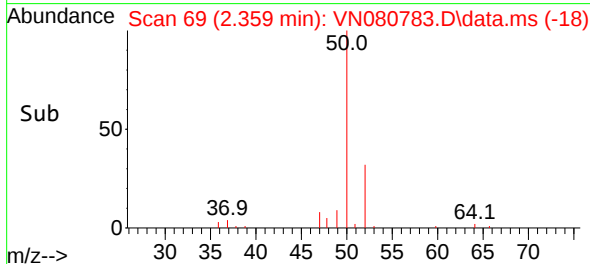
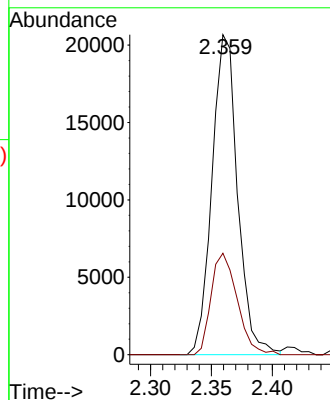
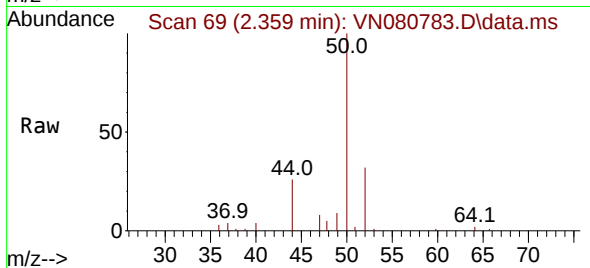
#3
Chloromethane
Concen: 10.556 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 3031
Ion Ratio Lower Upper
50 100
52 31.7 25.0 37.4

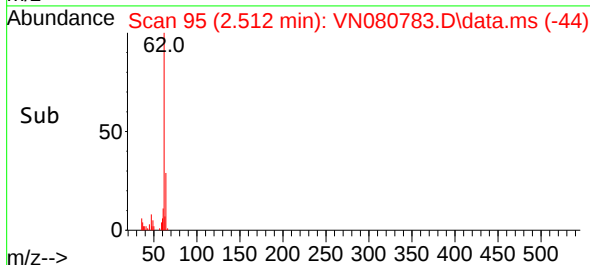
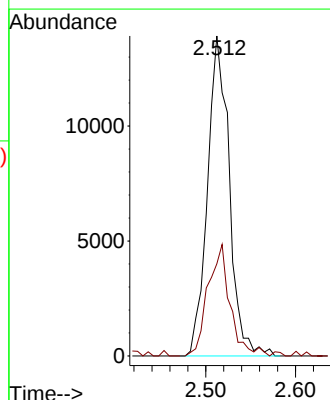
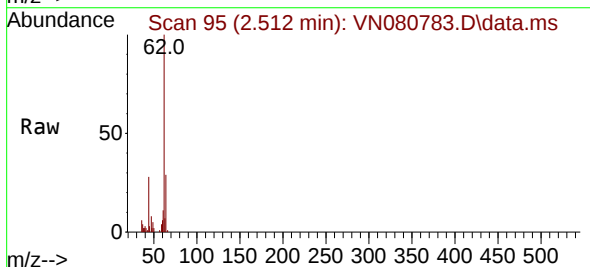
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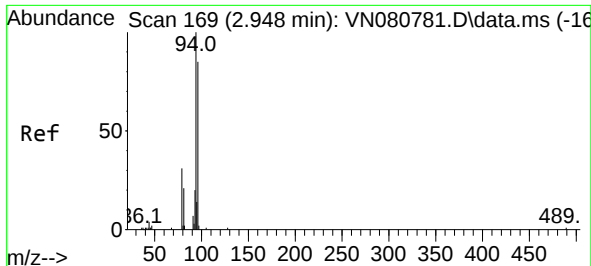
Reviewed By :John Carlone 01/29/2024
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#4
Vinyl Chloride
Concen: 11.940 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

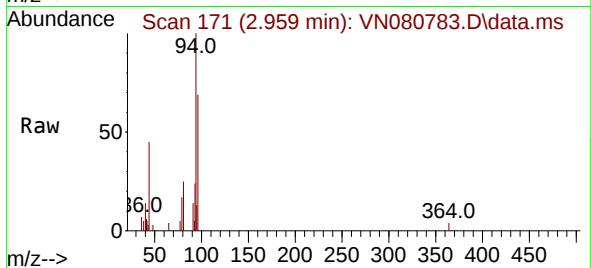
Tgt Ion: 62 Resp: 23530
Ion Ratio Lower Upper
62 100
64 28.8 22.7 34.1





#5
Bromomethane
Concen: 12.589 ug/l m
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

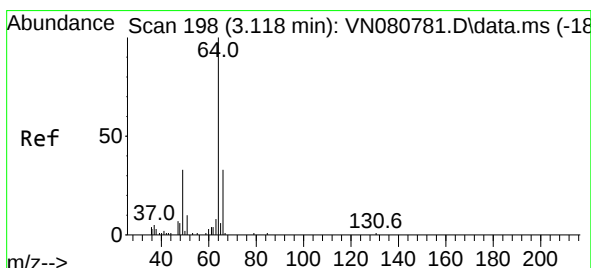
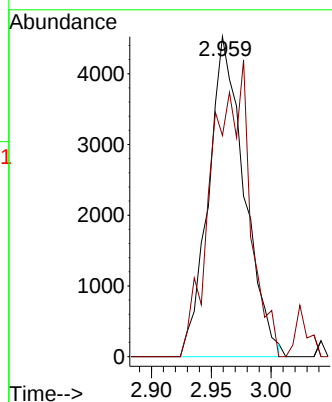
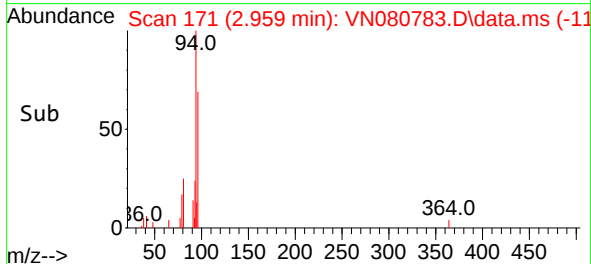
Instrument :
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Tgt Ion: 94 Resp: 9429
Ion Ratio Lower Upper
94 100
96 69.1 69.2 103.8

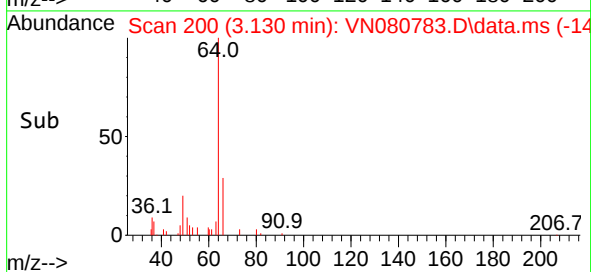
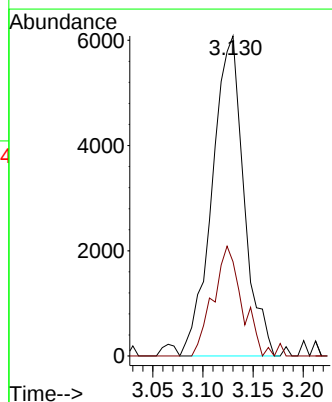
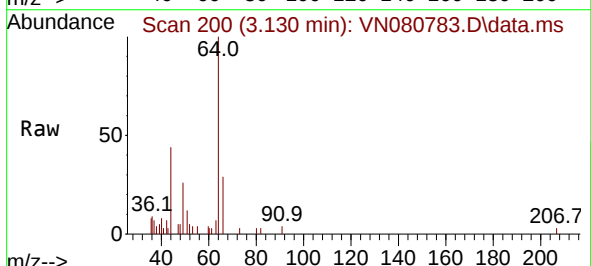
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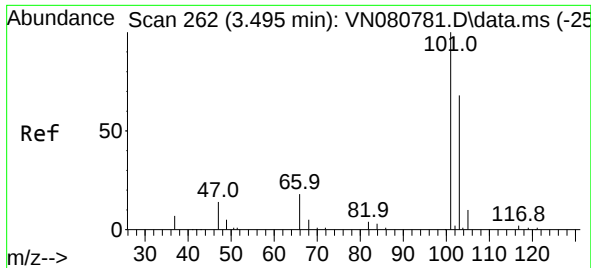
Reviewed By :John Carlone 01/29/2024
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#6
Chloroethane
Concen: 11.110 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Tgt Ion: 64 Resp: 13387
Ion Ratio Lower Upper
64 100
66 29.5 26.4 39.6





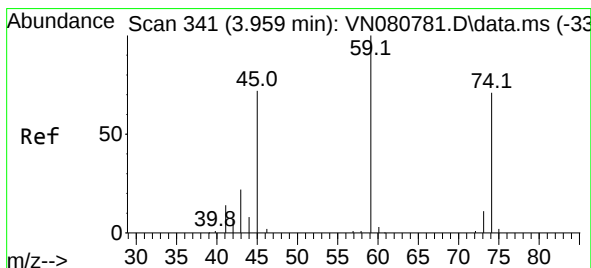
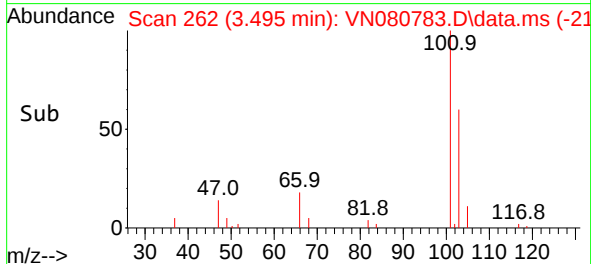
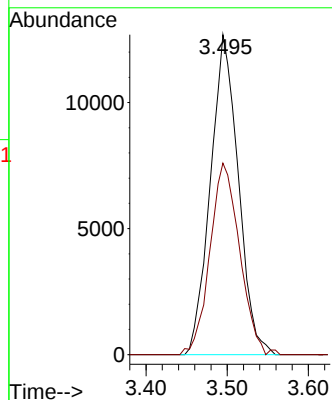
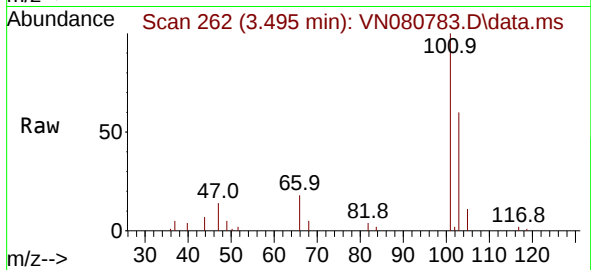
#7
Trichlorofluoromethane
Concen: 9.311 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 3030
Ion Ratio Lower Upper
101 100
103 59.8 54.4 81.6

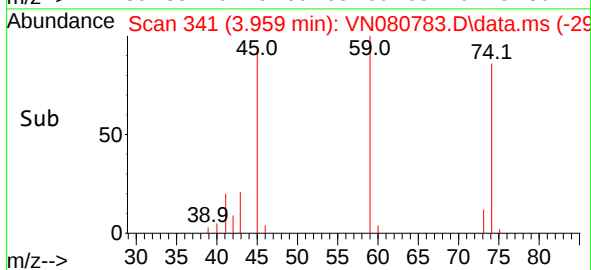
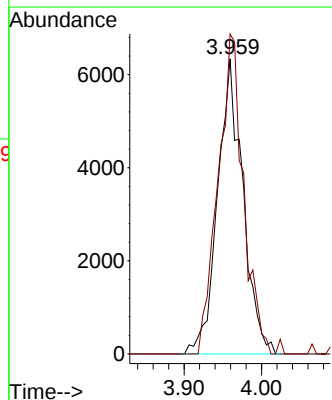
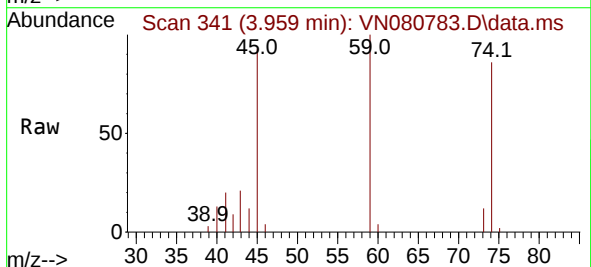
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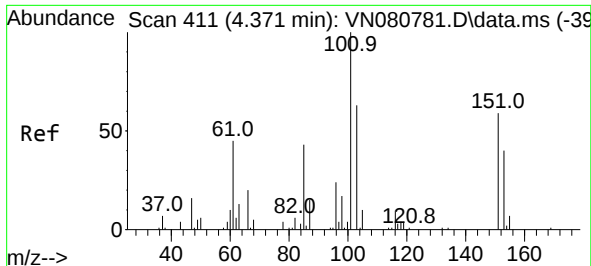
Reviewed By :John Carlone 01/29/2024
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#8
Diethyl Ether
Concen: 10.111 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Tgt Ion: 74 Resp: 14380
Ion Ratio Lower Upper
74 100
45 108.5 53.3 159.9





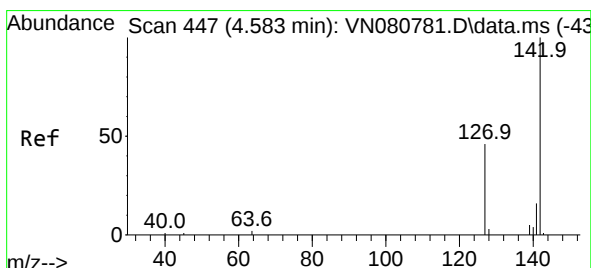
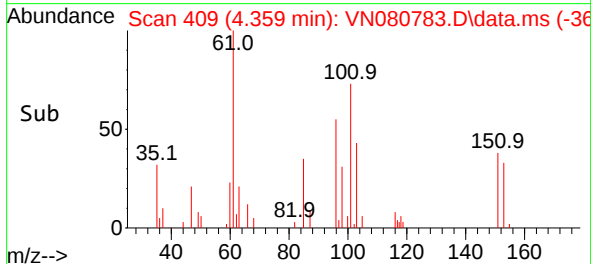
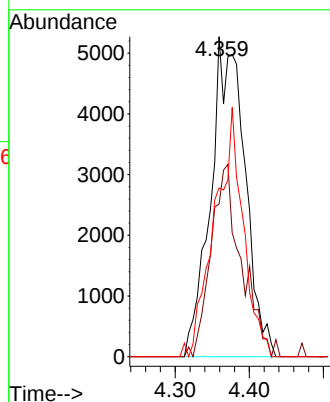
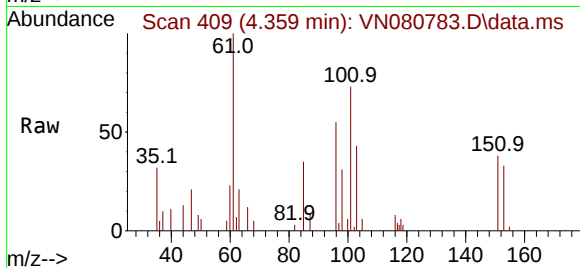
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.522 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010

Tgt Ion:101 Resp: 16890
Ion Ratio Lower Upper
101 100
85 53.6 38.1 57.1
151 64.9 49.1 73.7

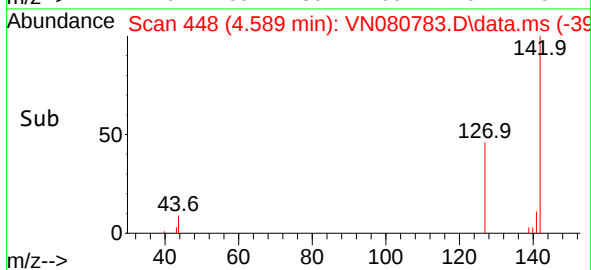
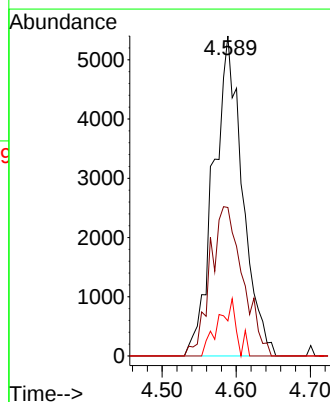
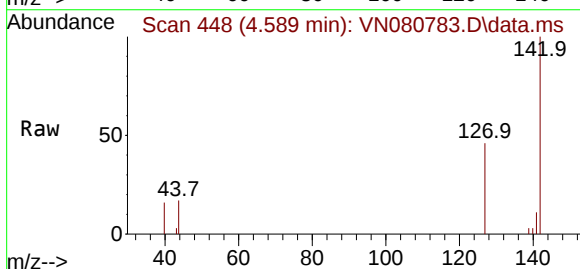
Manual Integrations
APPROVED

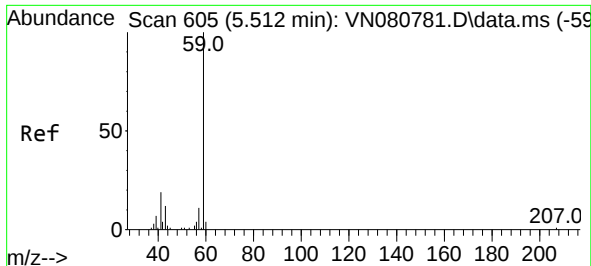
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#10
Methyl Iodide
Concen: 9.913 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

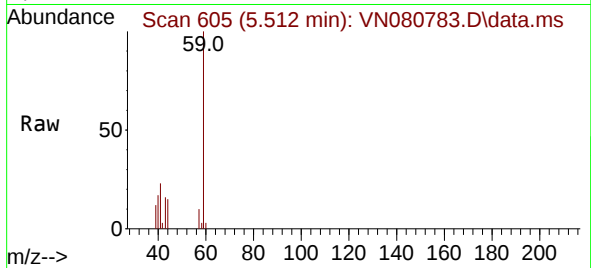
Tgt Ion:142 Resp: 14703
Ion Ratio Lower Upper
142 100
127 46.4 37.0 55.4
141 11.0 12.5 18.7#





#11
Tert butyl alcohol
Concen: 47.674 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

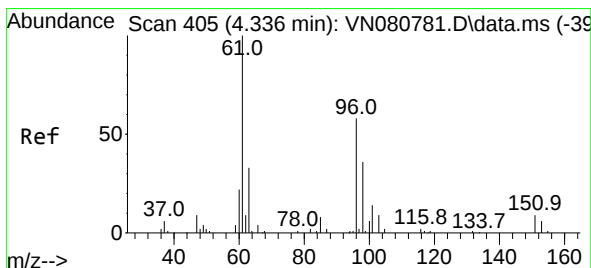
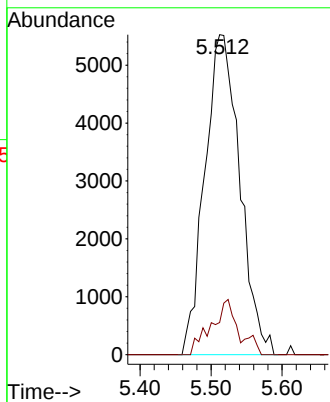
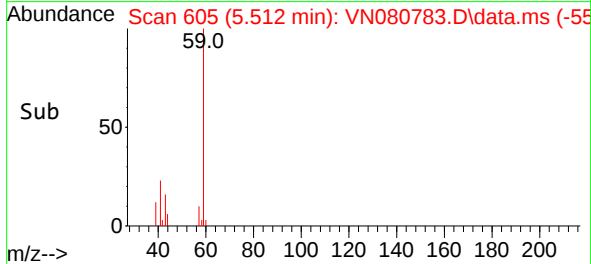
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



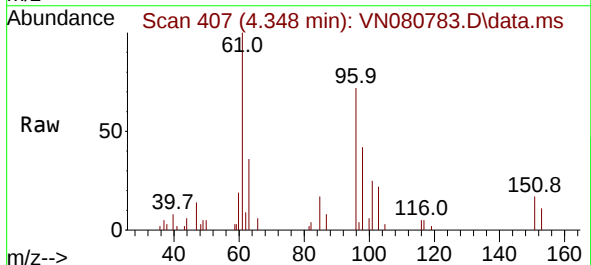
Tgt Ion: 59 Resp: 18929
Ion Ratio Lower Upper
59 100
57 12.0 8.6 12.8

Manual Integrations
APPROVED

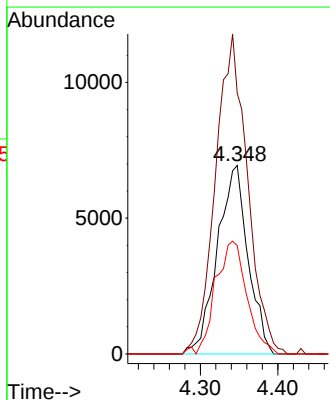
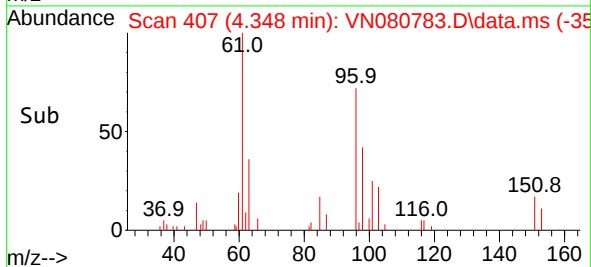
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

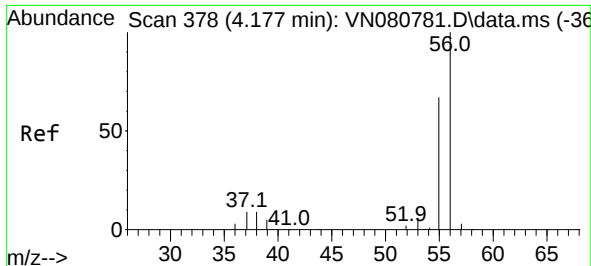


#12
1,1-Dichloroethene
Concen: 9.594 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01



Tgt Ion: 96 Resp: 19149
Ion Ratio Lower Upper
96 100
61 138.3 138.2 207.4
98 57.4 49.2 73.8





#13

Acrolein

Concen: 74.030 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 24560

Ion Ratio Lower Upper

56 100

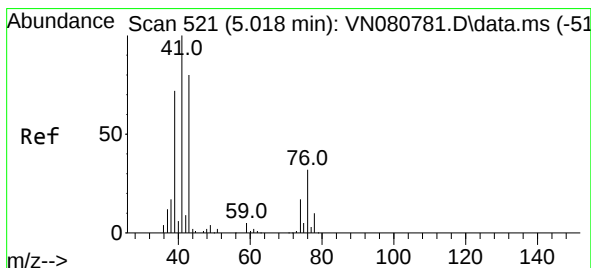
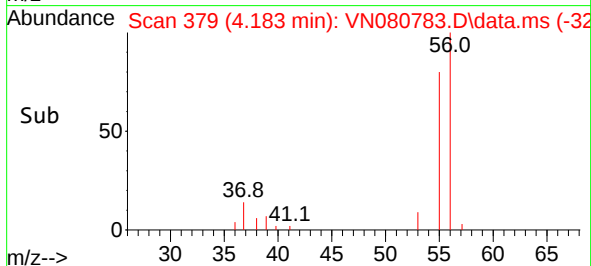
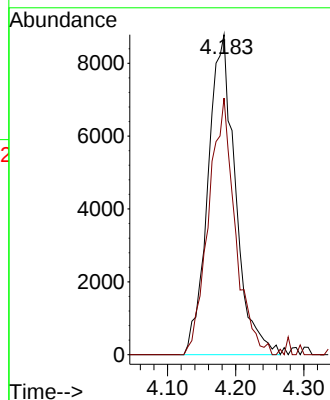
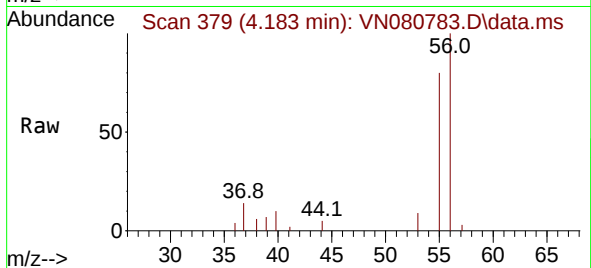
55 77.6 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#14

Allyl chloride

Concen: 9.296 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

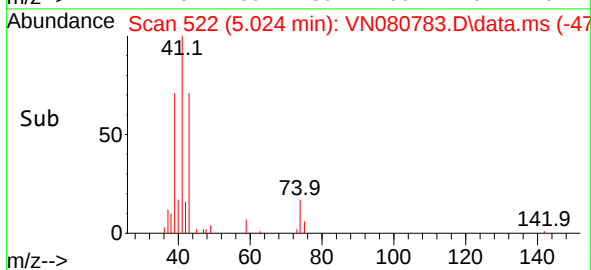
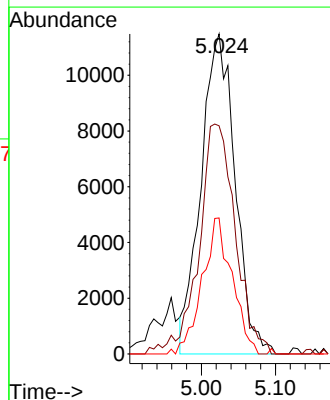
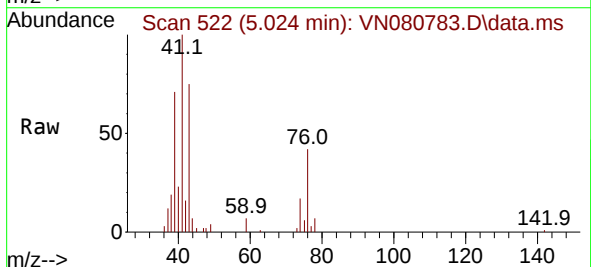
Tgt Ion: 41 Resp: 36782

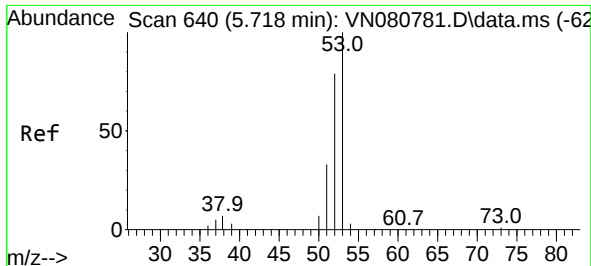
Ion Ratio Lower Upper

41 100

39 76.2 57.7 86.5

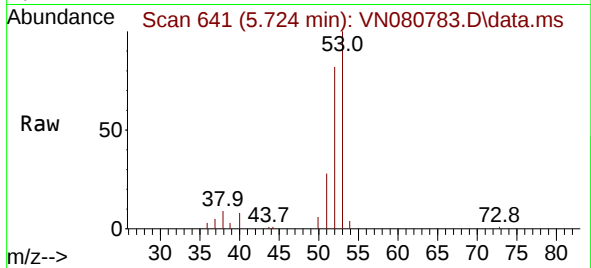
76 37.1 26.8 40.2





#15
Acrylonitrile
Concen: 54.746 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

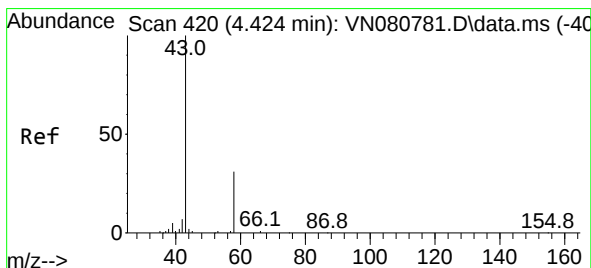
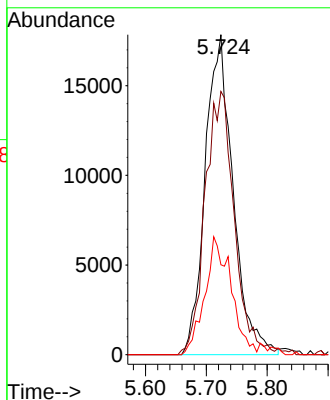
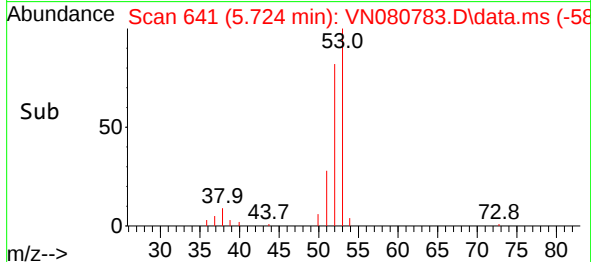
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 53 Resp: 5676
Ion Ratio Lower Upper
53 100
52 85.7 64.8 97.2
51 34.8 26.9 40.3

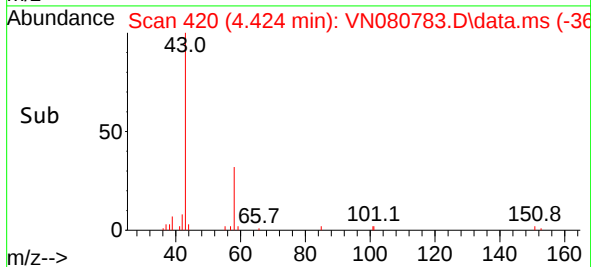
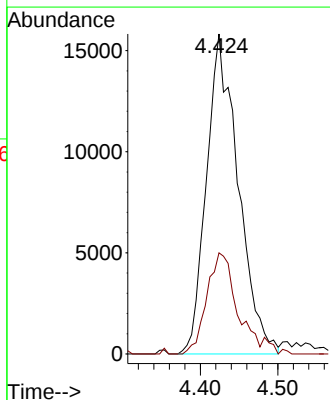
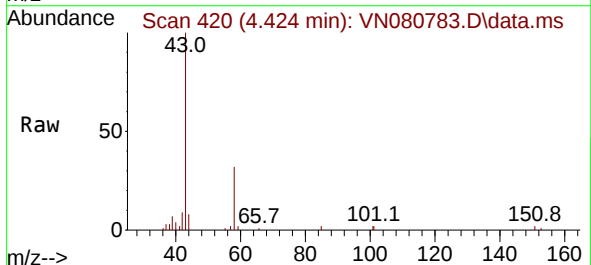
Manual Integrations
APPROVED

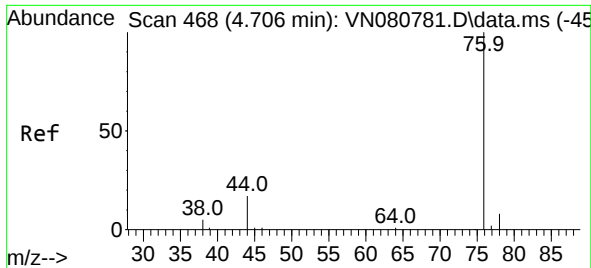
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#16
Acetone
Concen: 58.372 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

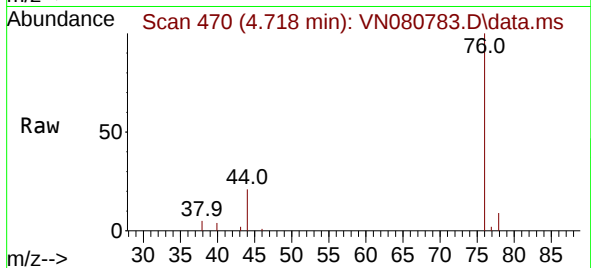
Tgt Ion: 43 Resp: 44993
Ion Ratio Lower Upper
43 100
58 32.2 24.8 37.2





#17
Carbon Disulfide
Concen: 9.979 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

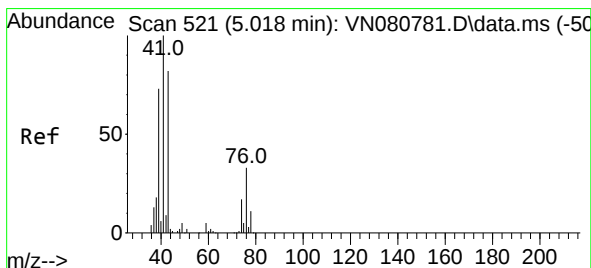
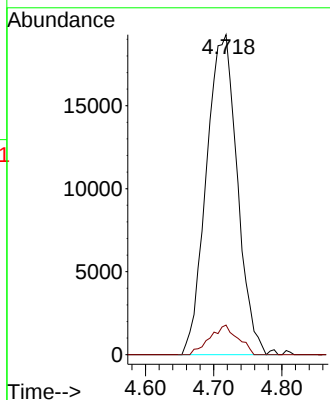
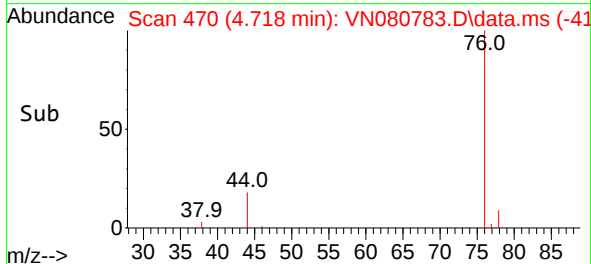
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 6092
Ion Ratio Lower Upper
76 100
78 9.3 6.3 9.5

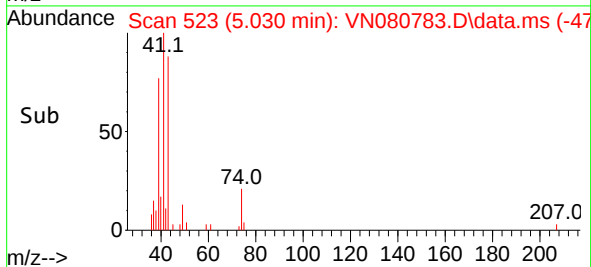
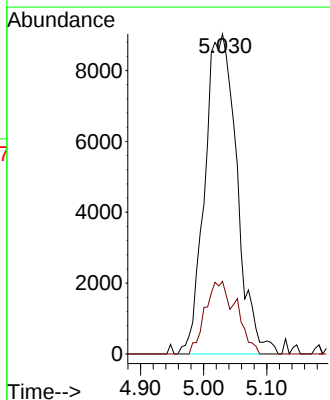
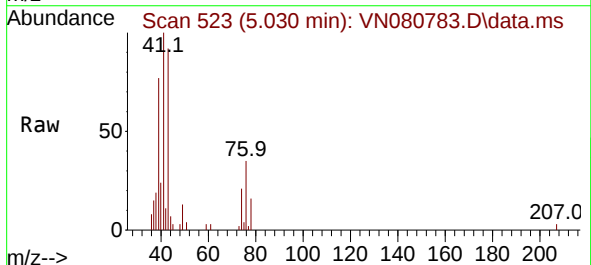
Manual Integrations
APPROVED

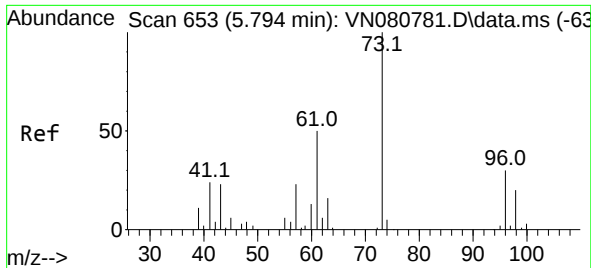
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#18
Methyl Acetate
Concen: 13.911 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Tgt Ion: 43 Resp: 31929
Ion Ratio Lower Upper
43 100
74 22.1 17.3 25.9





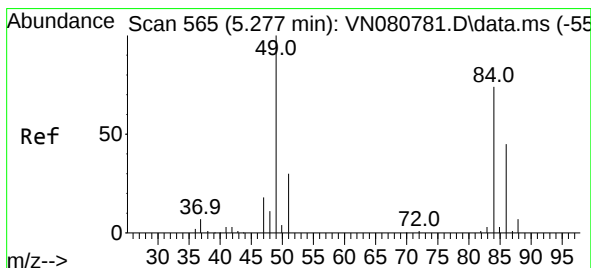
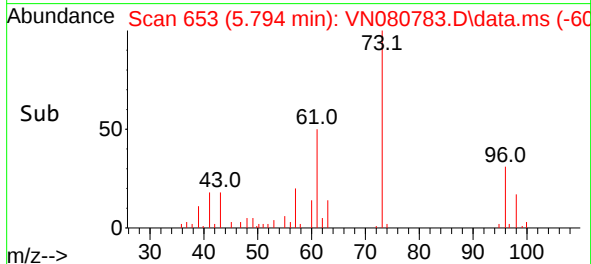
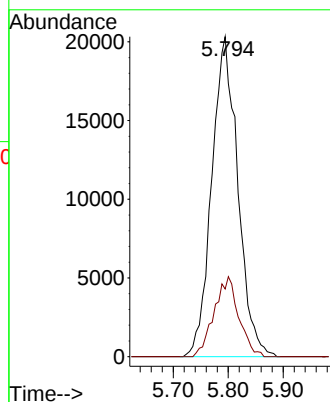
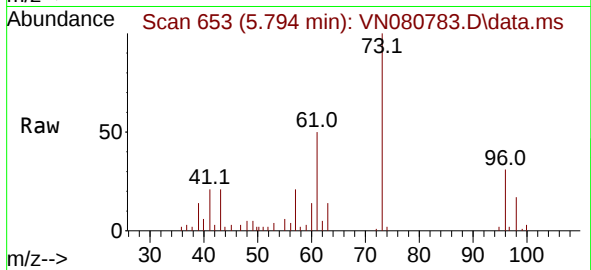
#19
Methyl tert-butyl Ether
Concen: 9.741 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 6700
Ion Ratio Lower Upper
73 100
57 21.2 18.2 27.4

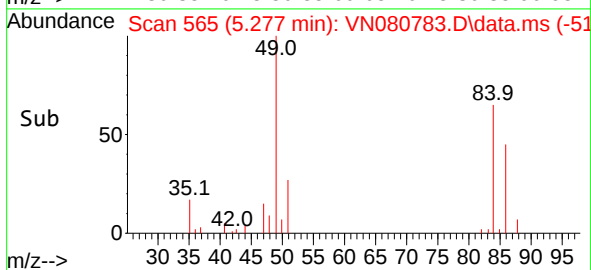
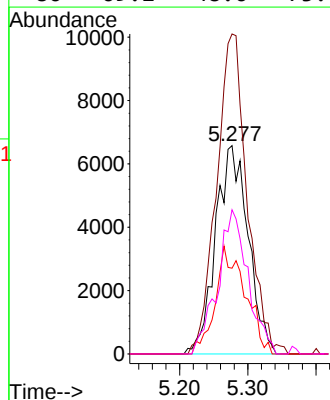
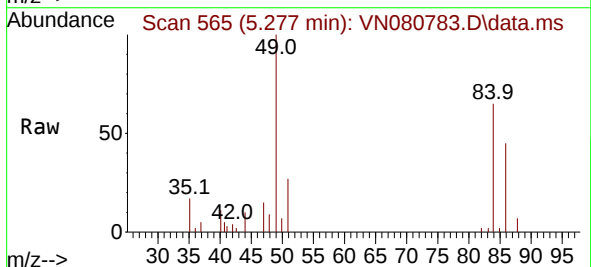
Manual Integrations
APPROVED

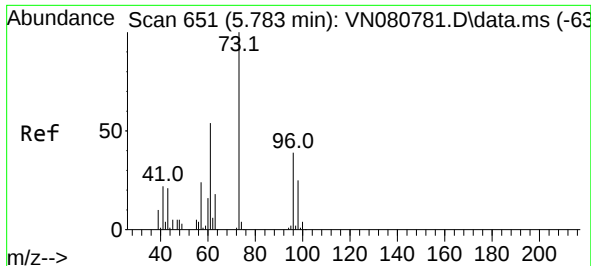
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#20
Methylene Chloride
Concen: 9.686 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

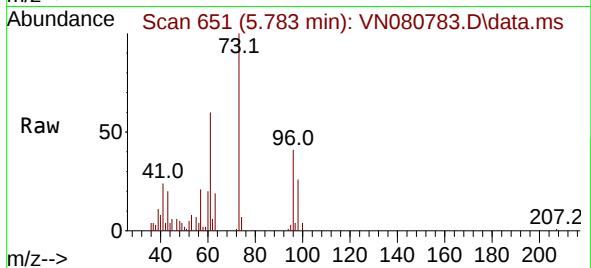
Tgt Ion: 84 Resp: 21794
Ion Ratio Lower Upper
84 100
49 153.7 108.1 162.1
51 41.2 32.9 49.3
86 69.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 9.733 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

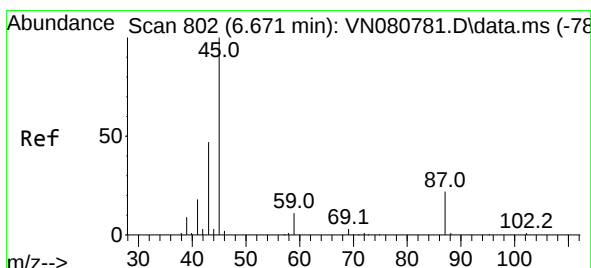
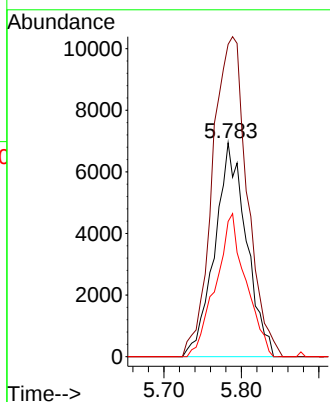
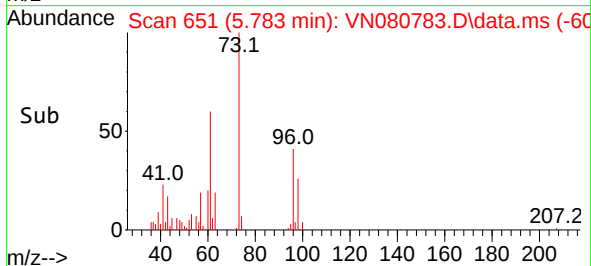
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 1970
Ion Ratio Lower Upper
96 100
61 146.0 112.8 169.2
98 63.2 51.0 76.4

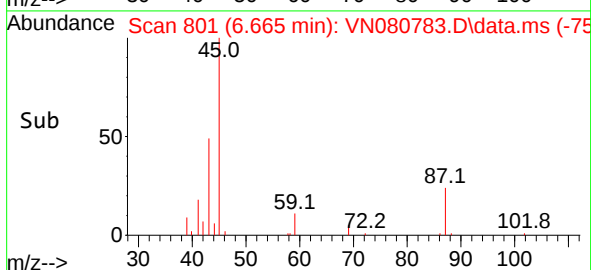
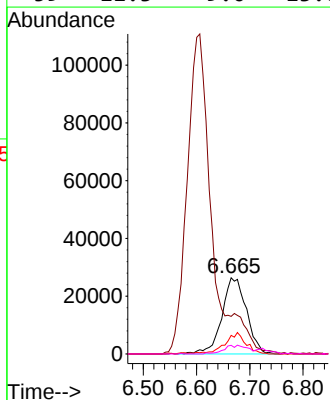
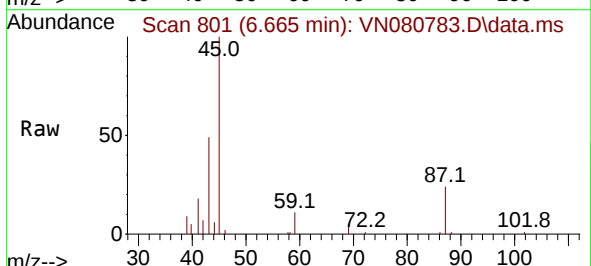
Manual Integrations
APPROVED

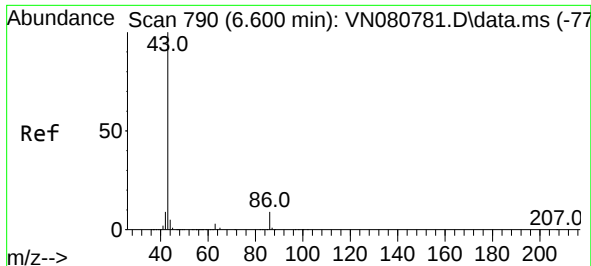
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#22
Diisopropyl ether
Concen: 11.321 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

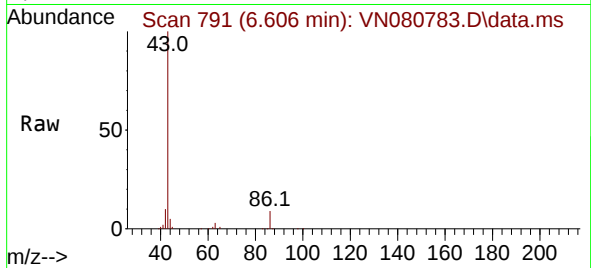
Tgt Ion: 45 Resp: 84469
Ion Ratio Lower Upper
45 100
43 47.8 41.8 62.8
87 24.4 18.1 27.1
59 11.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 54.111 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080783.D
 Acq: 29 Jan 2024 11:01

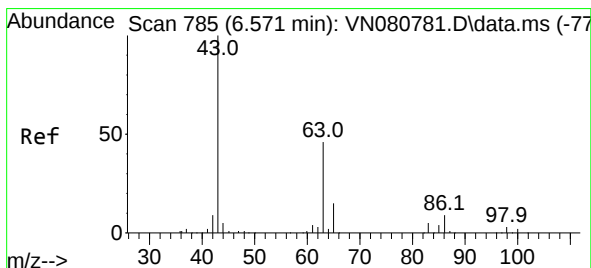
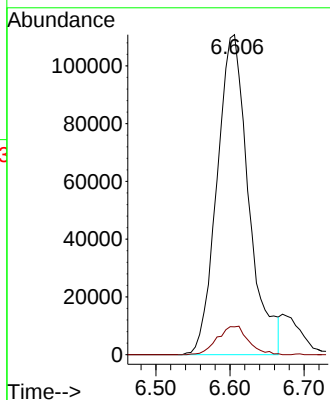
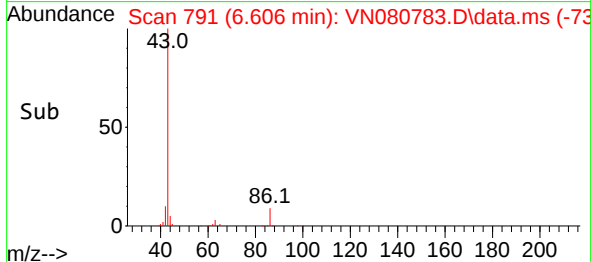
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 43 Resp: 328600
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.1 10.7

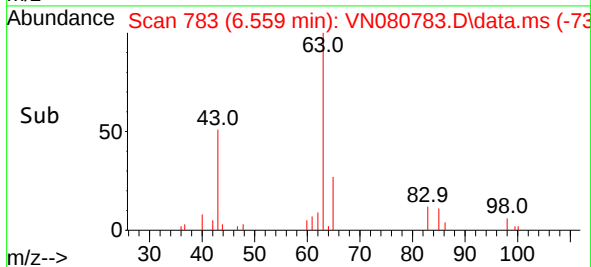
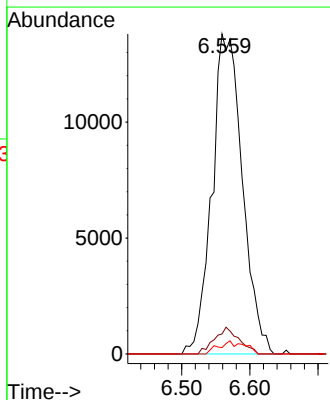
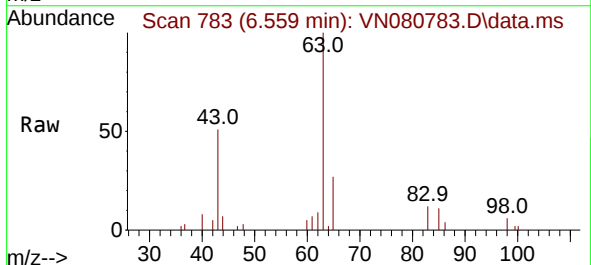
Manual Integrations
 APPROVED

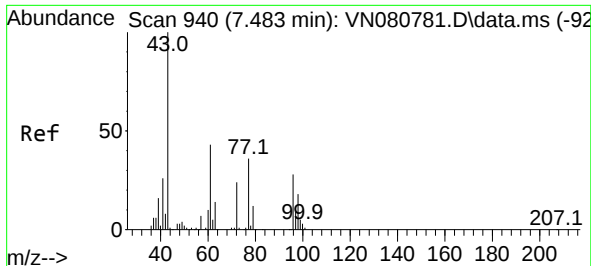
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/30/2024



#24
 1,1-Dichloroethane
 Concen: 10.478 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN080783.D
 Acq: 29 Jan 2024 11:01

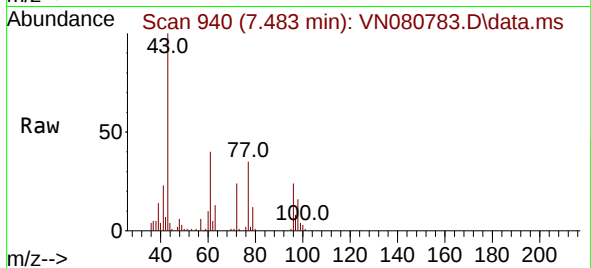
Tgt Ion: 63 Resp: 42794
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.6
 100 2.0 1.9 5.7





#25
2-Butanone
Concen: 58.337 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

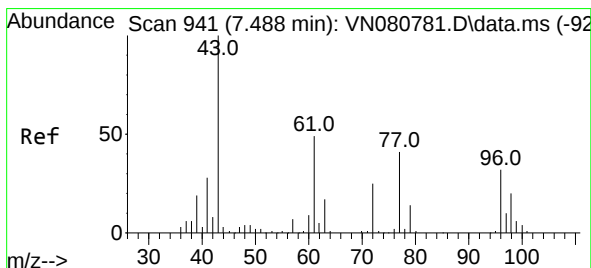
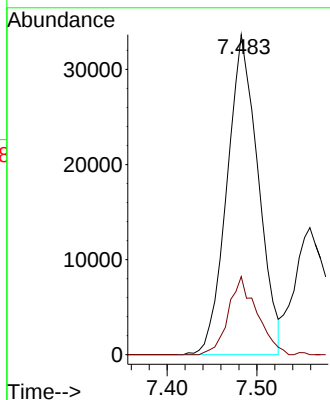
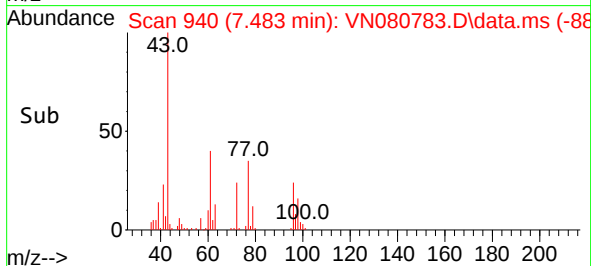
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



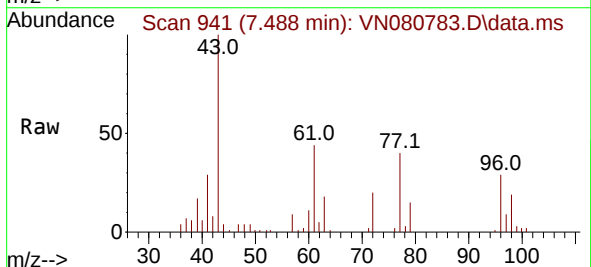
Tgt Ion: 43 Resp: 81279
Ion Ratio Lower Upper
43 100
72 24.4 19.5 29.3

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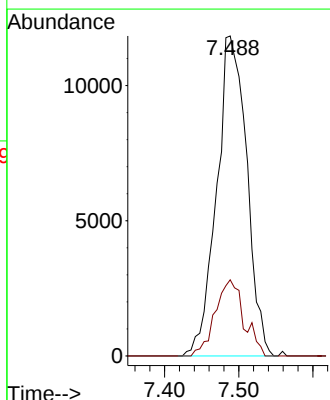
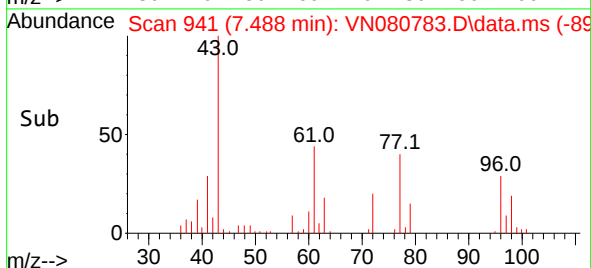
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

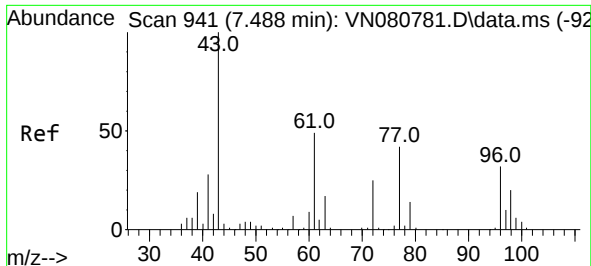


#26
2,2-Dichloropropane
Concen: 9.360 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01



Tgt Ion: 77 Resp: 33433
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5





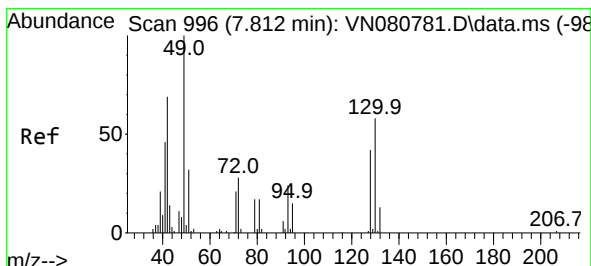
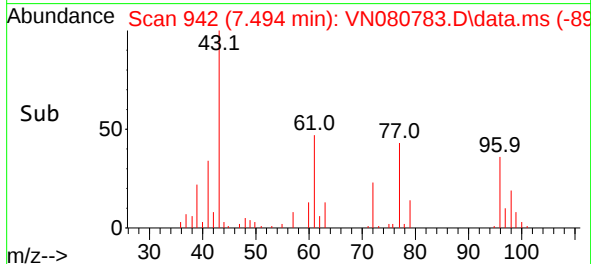
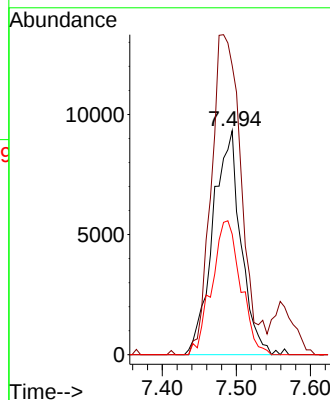
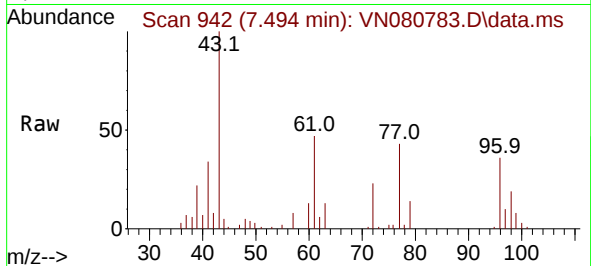
#27
 cis-1,2-Dichloroethene
 Concen: 11.032 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080783.D
 Acq: 29 Jan 2024 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 2462
 Ion Ratio Lower Upper
 96 100
 61 152.6 0.0 325.4
 98 61.6 0.0 130.4

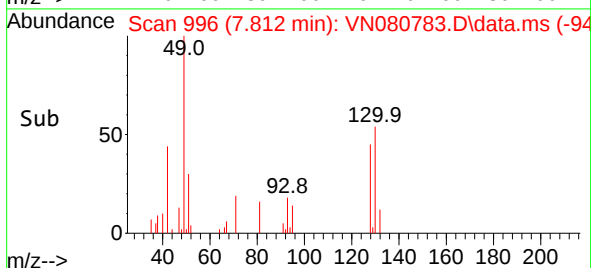
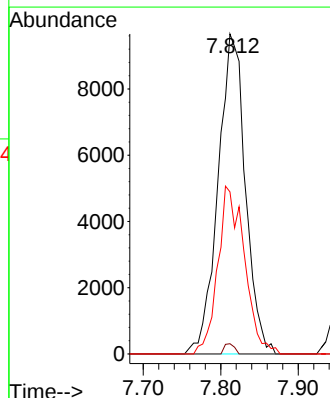
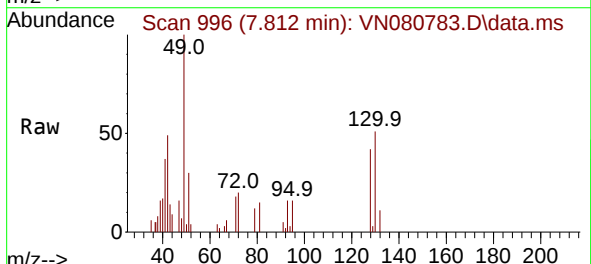
Manual Integrations
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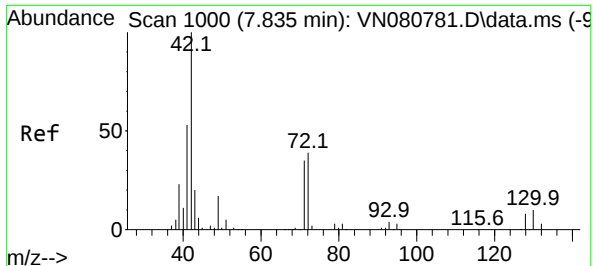
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/30/2024



#28
 Bromochloromethane
 Concen: 12.415 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080783.D
 Acq: 29 Jan 2024 11:01

Tgt Ion: 49 Resp: 23705
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 1.6
 130 51.1 42.3 63.5





#29

Tetrahydrofuran

Concen: 59.175 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

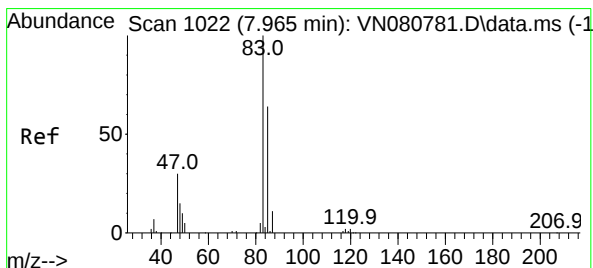
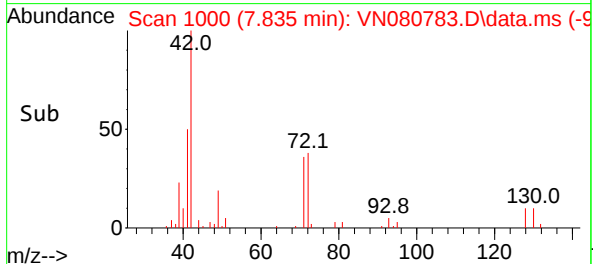
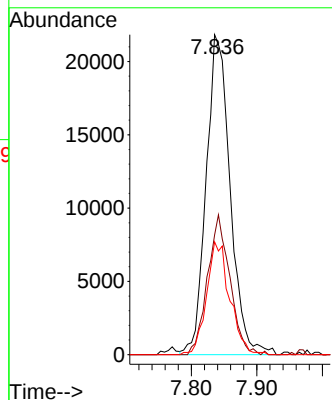
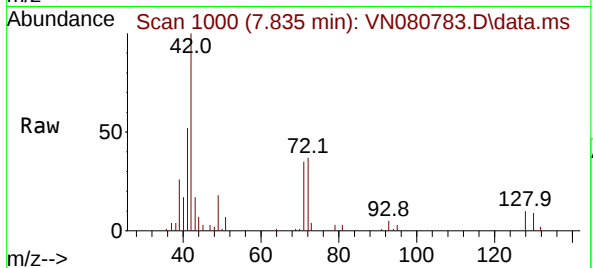
Tgt Ion: 42	Resp: 5557
Ion Ratio	Lower Upper
42	100
72	40.5 31.1 46.7
71	34.1 28.3 42.5

Manual Integrations

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Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#30

Chloroform

Concen: 10.150 ug/l

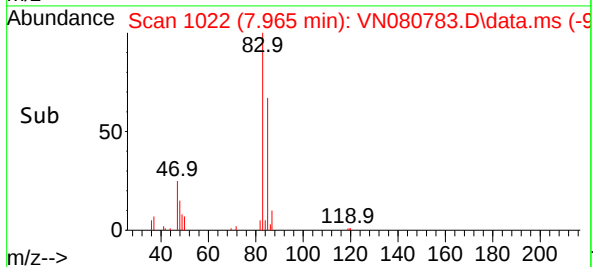
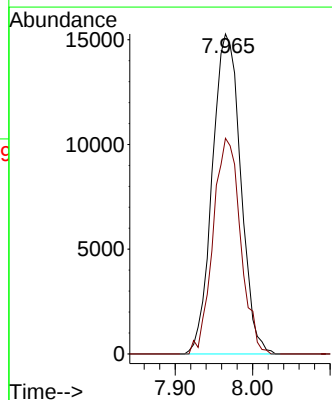
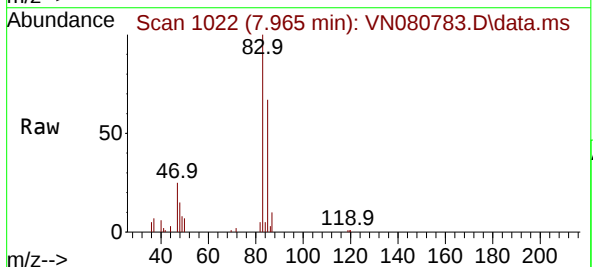
RT: 7.965 min Scan# 1022

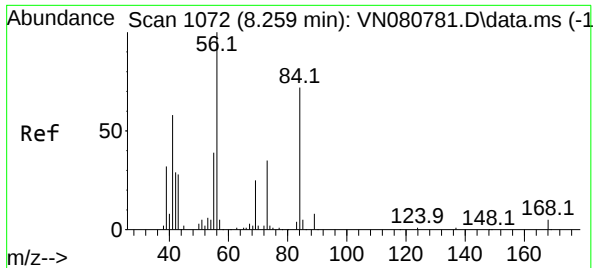
Delta R.T. 0.000 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

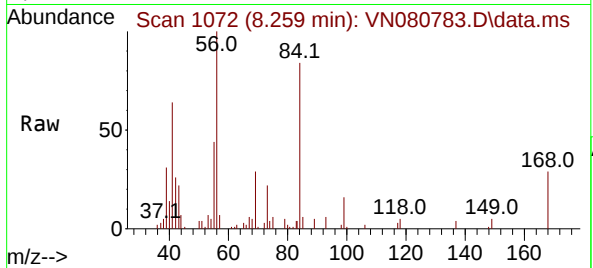
Tgt Ion: 83	Resp: 38865
Ion Ratio	Lower Upper
83	100
85	67.4 51.0 76.6





#31
Cyclohexane
Concen: 11.404 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

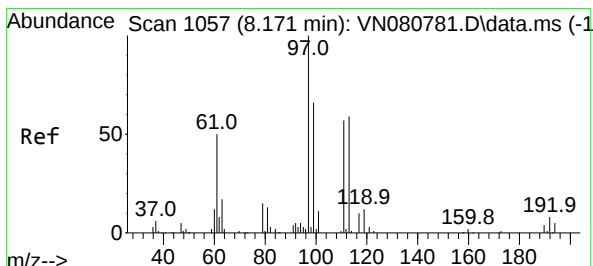
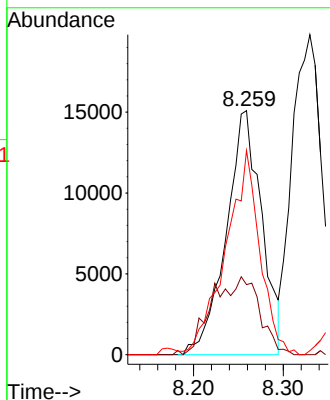
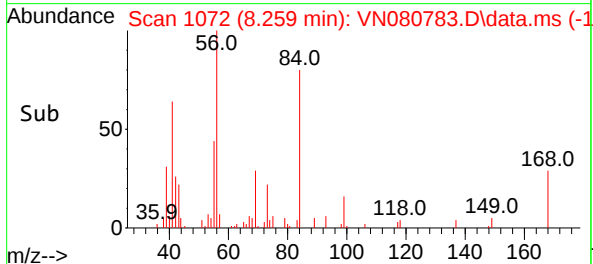
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



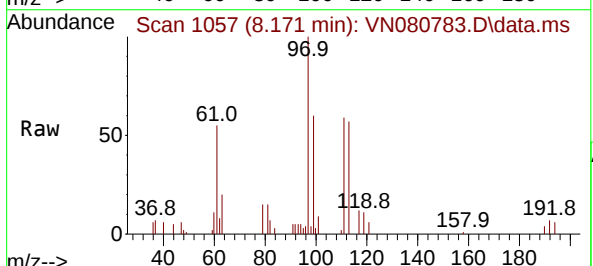
Tgt Ion: 56 Resp: 4136
Ion Ratio Lower Upper
56 100
69 27.0 20.1 30.1
84 82.2 56.9 85.3

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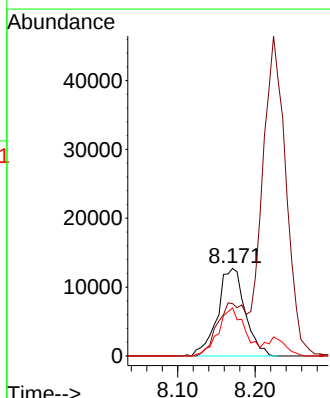
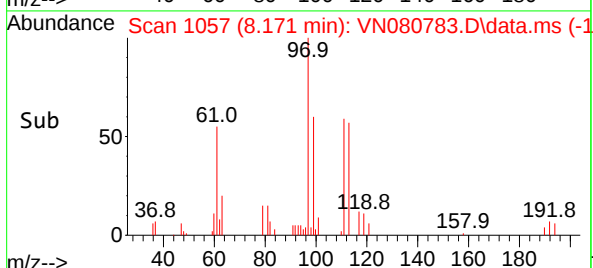
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

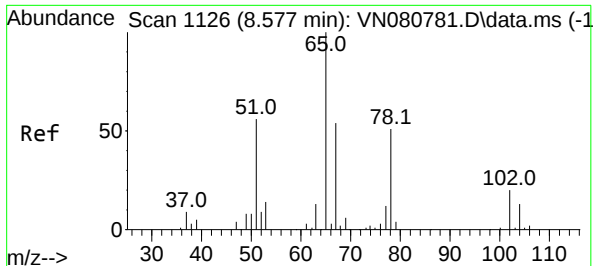


#32
1,1,1-Trichloroethane
Concen: 9.222 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01



Tgt Ion: 97 Resp: 31431
Ion Ratio Lower Upper
97 100
99 60.4 53.4 80.0
61 53.4 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 10.241 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 2404

Ion Ratio Lower Upper

65 100

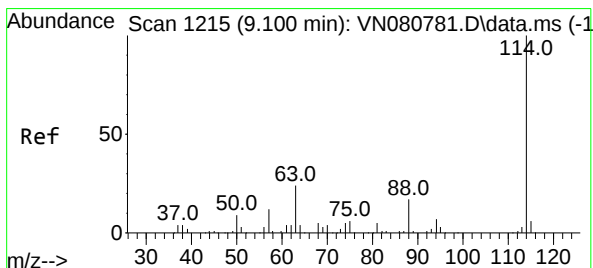
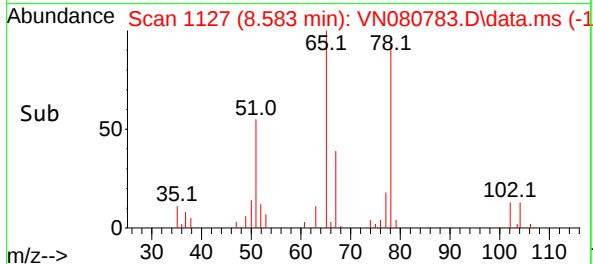
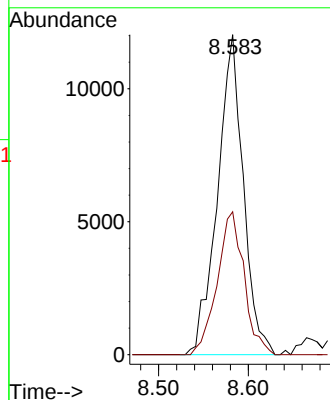
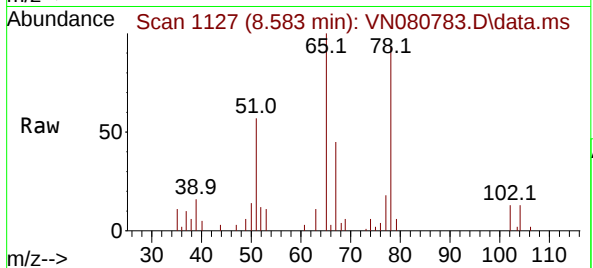
67 46.5 0.0 102.4

Manual Integrations

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Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

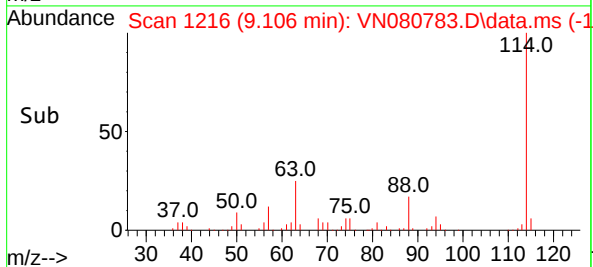
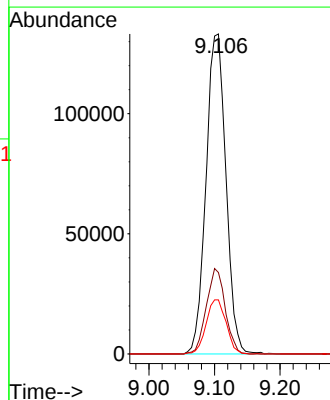
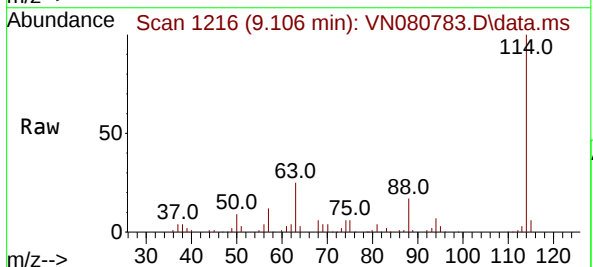
Tgt Ion:114 Resp: 281664

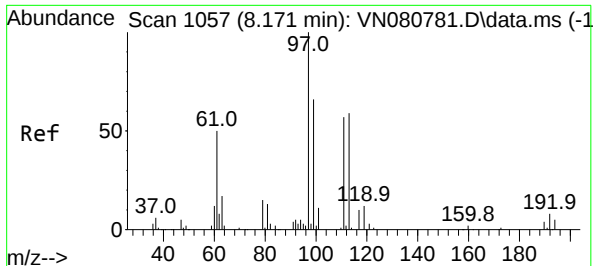
Ion Ratio Lower Upper

114 100

63 25.5 0.0 48.0

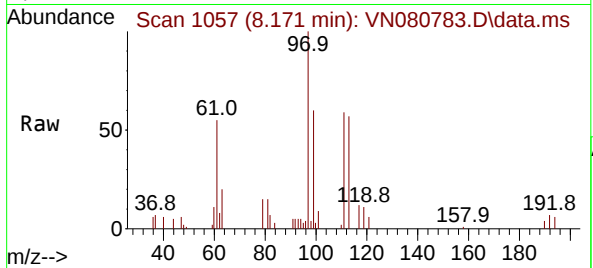
88 16.9 0.0 34.8





#35
Dibromofluoromethane
Concen: 11.411 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

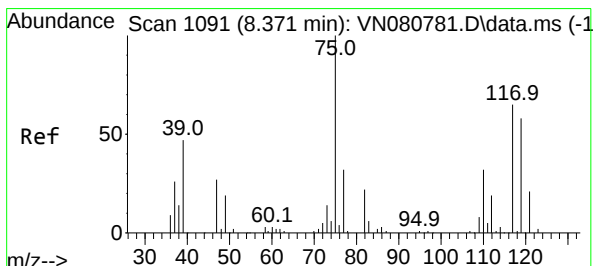
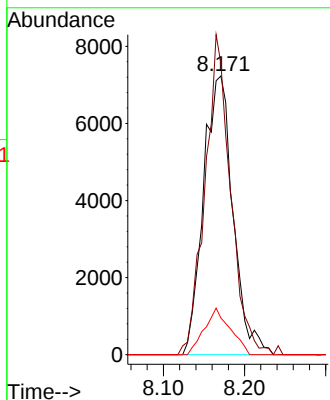
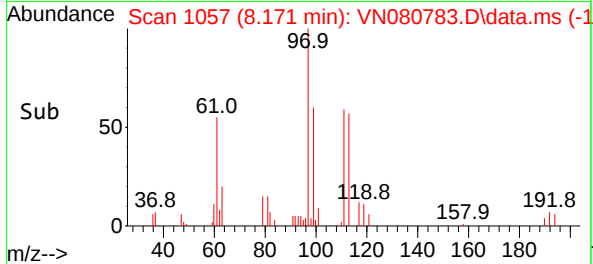
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 113 Resp: 1826
Ion Ratio Lower Upper
113 100
111 99.5 82.2 123.4
192 14.6 12.5 18.7

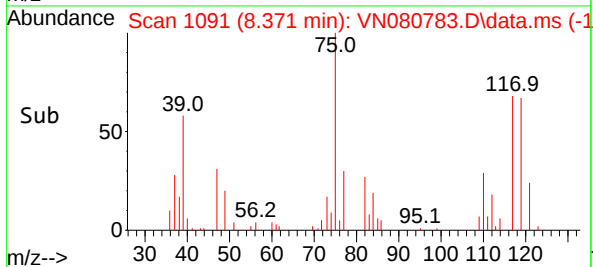
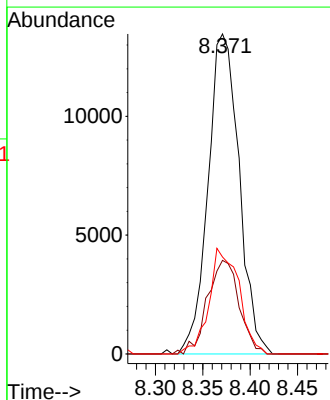
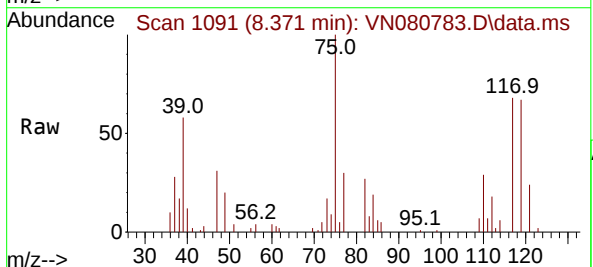
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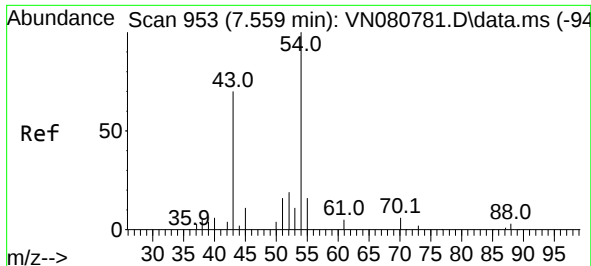
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#36
1,1-Dichloropropene
Concen: 9.363 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

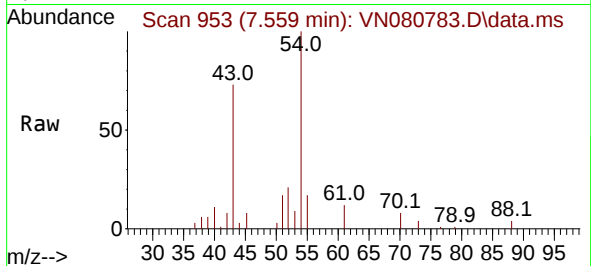
Tgt Ion: 75 Resp: 30695
Ion Ratio Lower Upper
75 100
110 29.9 16.0 48.0
77 31.9 25.8 38.6





#37
Ethyl Acetate
Concen: 10.189 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

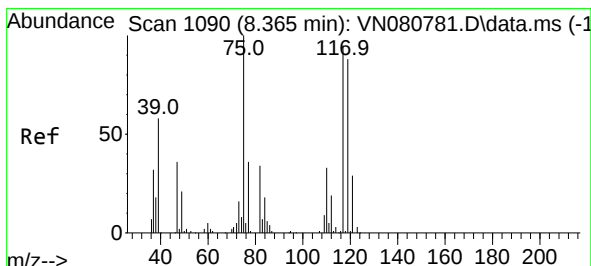
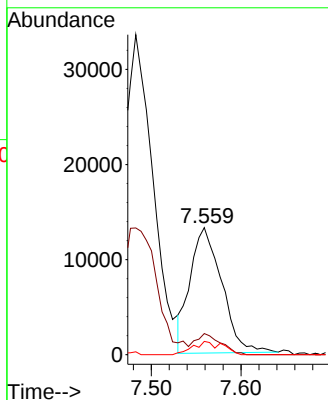
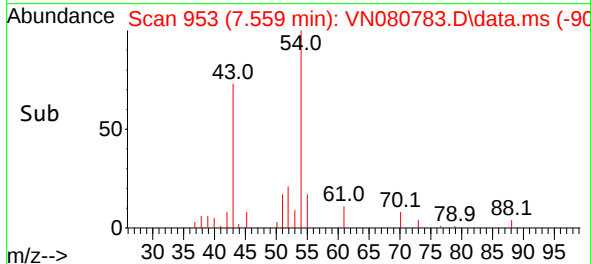
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 3238
Ion Ratio Lower Upper
43 100
61 13.3 10.6 15.8
70 6.8 8.0 12.0

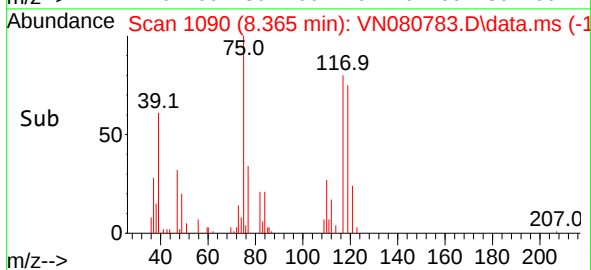
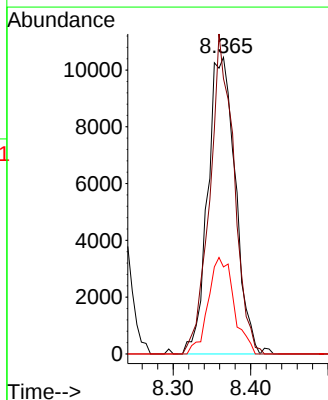
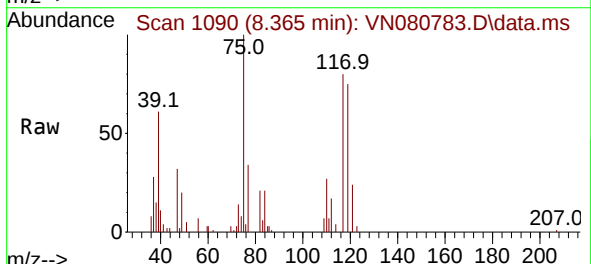
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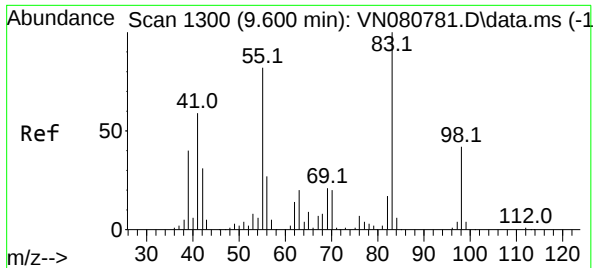
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#38
Carbon Tetrachloride
Concen: 8.831 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Tgt Ion:117 Resp: 25994
Ion Ratio Lower Upper
117 100
119 92.8 73.4 110.2
121 29.4 24.4 36.6





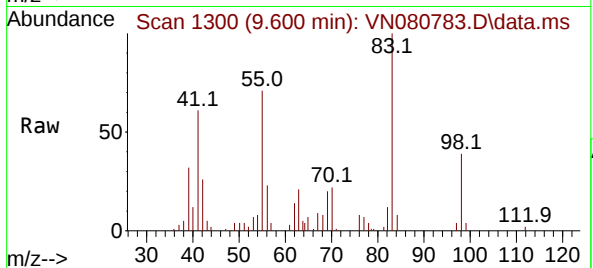
#39
Methylcyclohexane
Concen: 9.863 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010



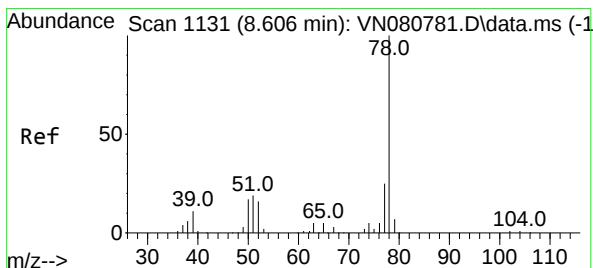
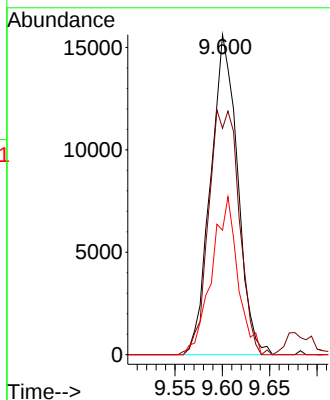
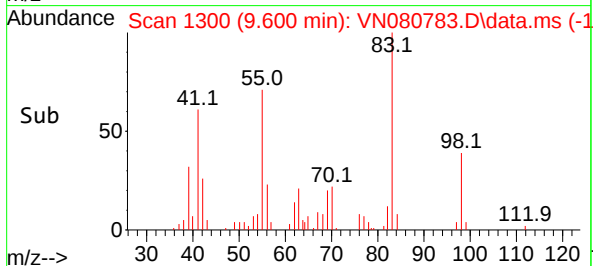
Tgt Ion: 83 Resp: 30940
Ion Ratio Lower Upper
83 100
55 70.8 65.7 98.5
98 38.9 33.8 50.6

Manual Integrations

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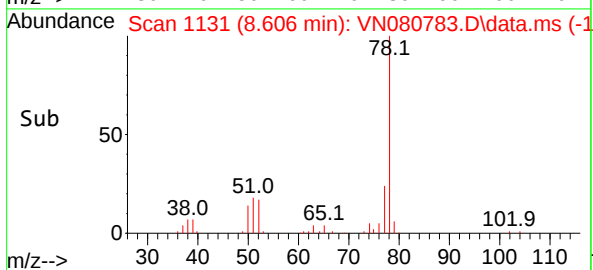
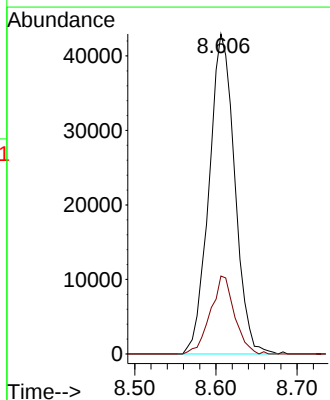
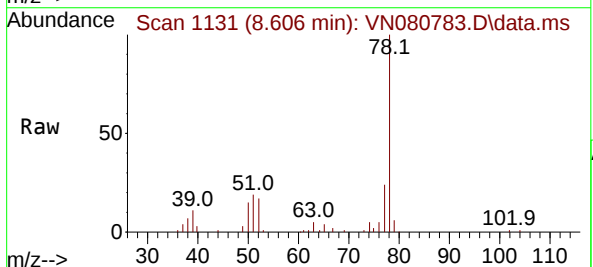
Reviewed By :John Carlone 01/29/2024

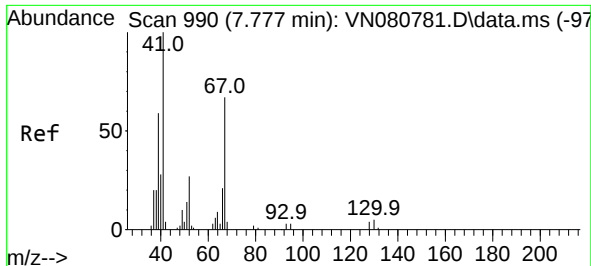
Supervised By :Mahesh Dadoda 01/30/2024



#40
Benzene
Concen: 10.253 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

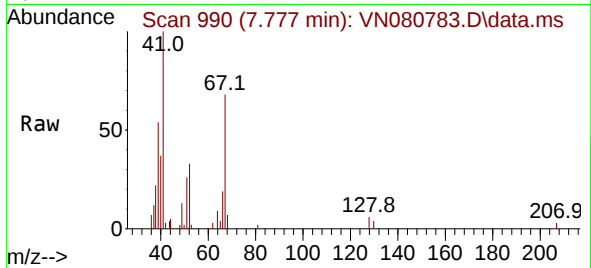
Tgt Ion: 78 Resp: 94490
Ion Ratio Lower Upper
78 100
77 24.4 20.4 30.6





#41
Methacrylonitrile
Concen: 9.751 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

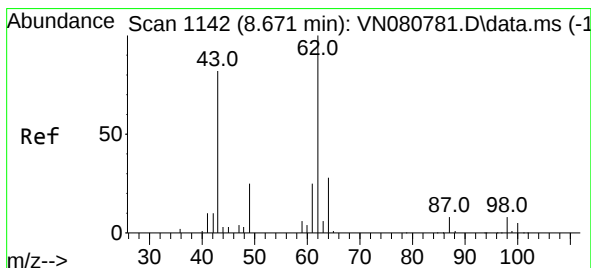
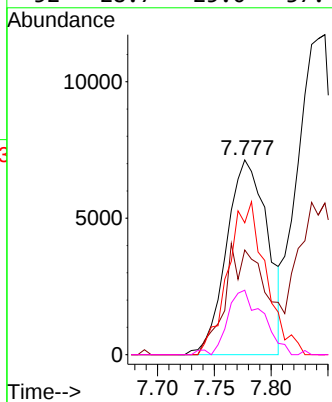
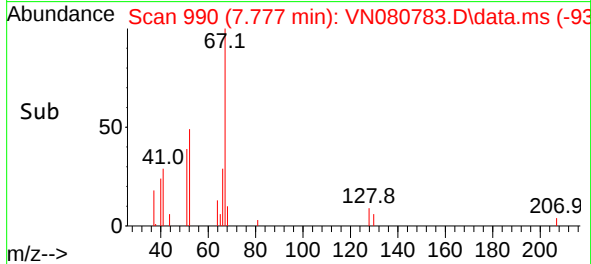
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 41	Resp: 17979
Ion Ratio	Lower Upper
41 100	
39 57.5	48.4 72.6
67 72.1	56.8 85.2
52 28.7	25.0 37.4

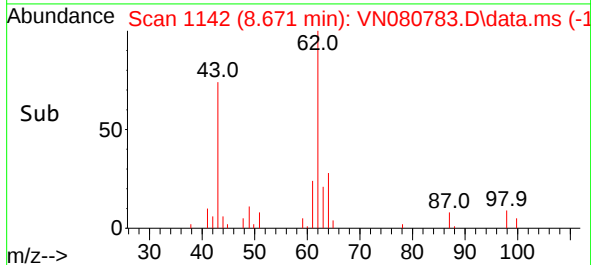
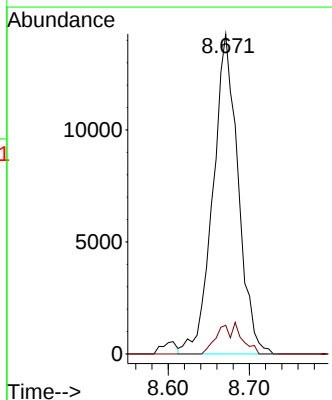
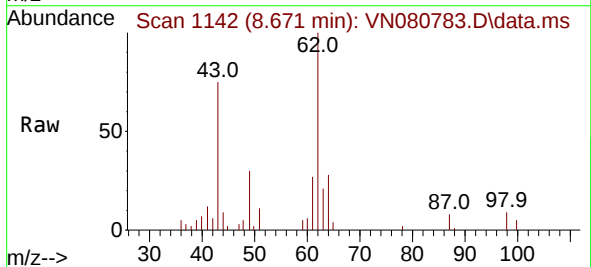
Manual Integrations
APPROVED

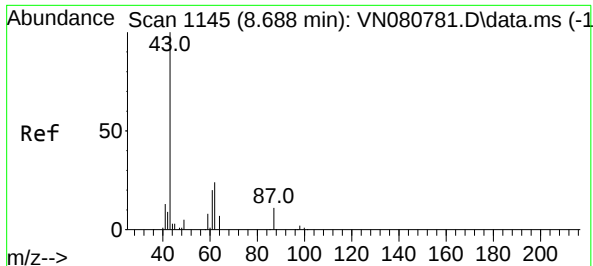
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#42
1,2-Dichloroethane
Concen: 8.690 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

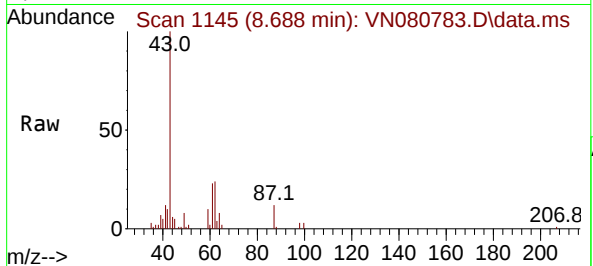
Tgt Ion: 62	Resp: 30659
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 18.0





#43
Isopropyl Acetate
Concen: 9.862 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

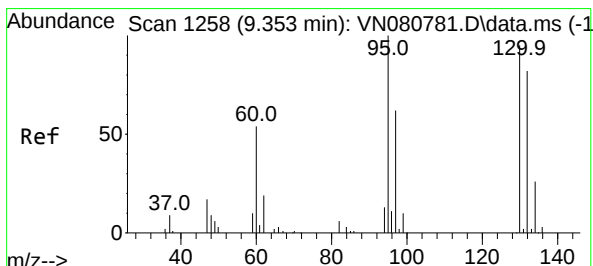
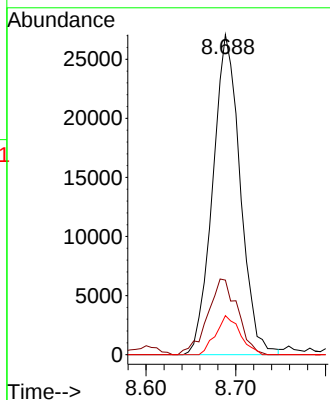
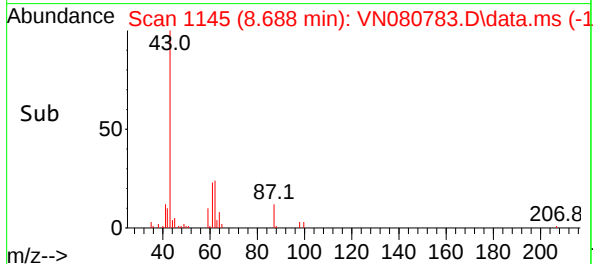
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 57620
Ion Ratio Lower Upper
43 100
61 25.8 19.9 29.9
87 10.8 9.0 13.6

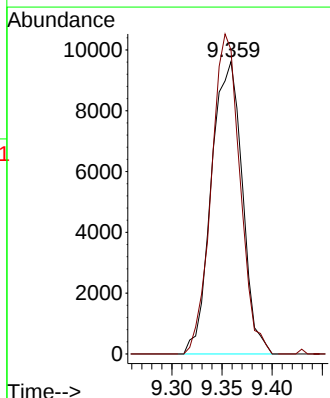
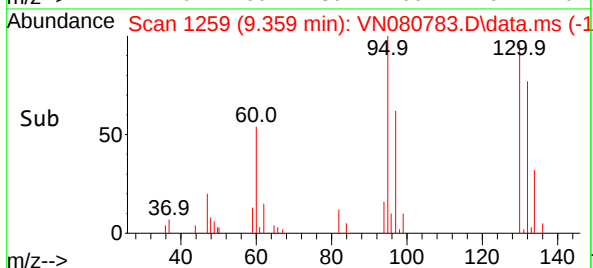
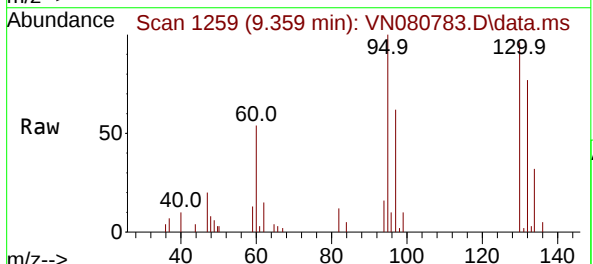
Manual Integrations
APPROVED

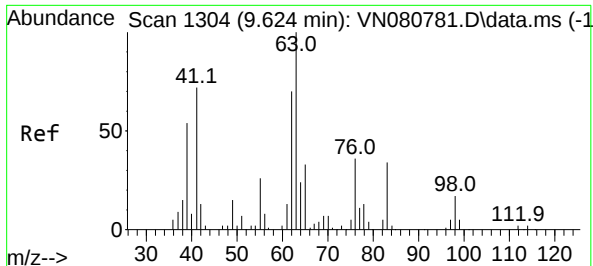
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#44
Trichloroethene
Concen: 9.870 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Tgt Ion:130 Resp: 20592
Ion Ratio Lower Upper
130 100
95 104.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 10.246 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 25034

Ion Ratio Lower Upper

63 100

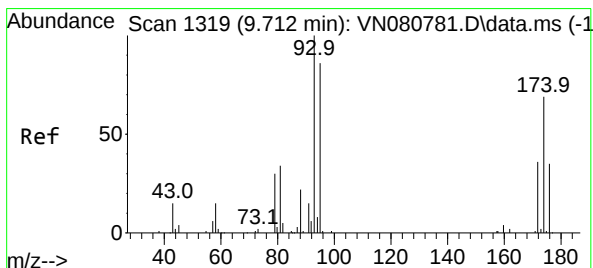
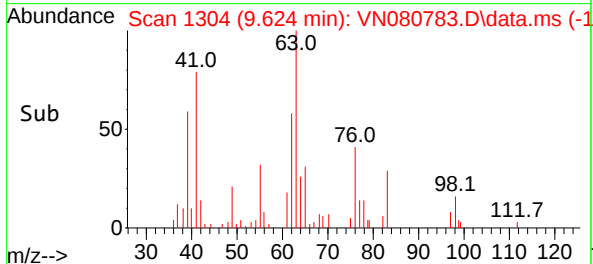
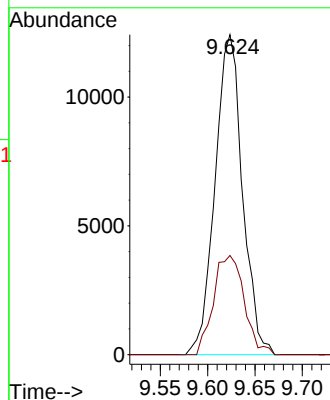
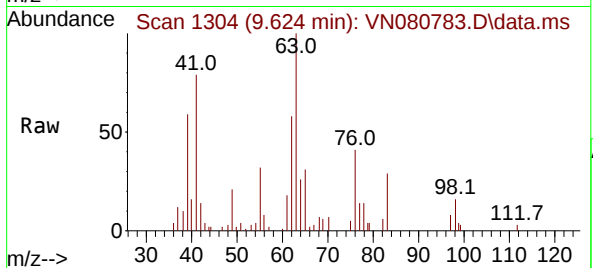
65 31.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#46

Dibromomethane

Concen: 9.413 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

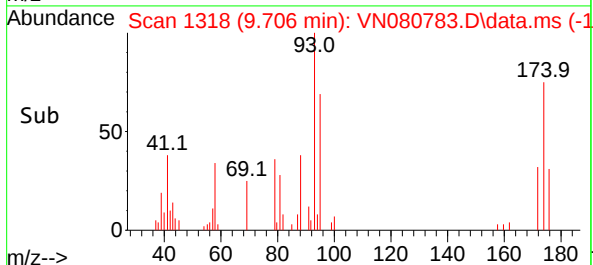
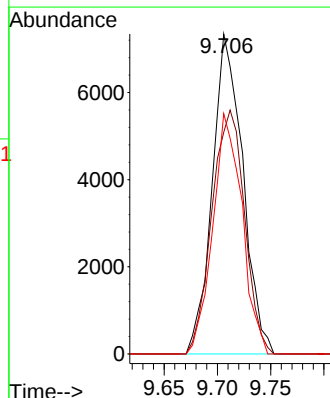
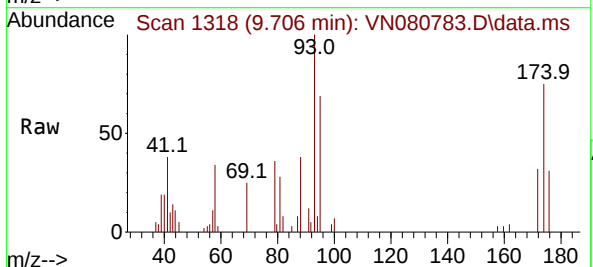
Tgt Ion: 93 Resp: 14551

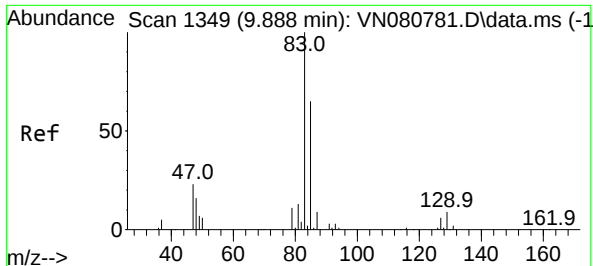
Ion Ratio Lower Upper

93 100

95 82.0 68.1 102.1

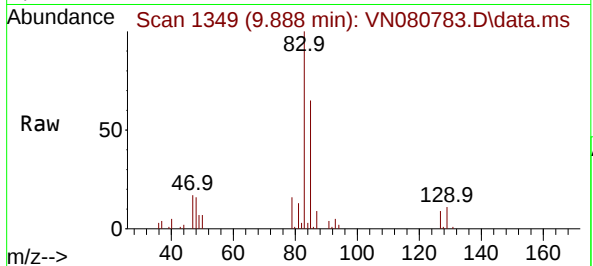
174 72.2 57.2 85.8





#47
Bromodichloromethane
Concen: 9.015 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

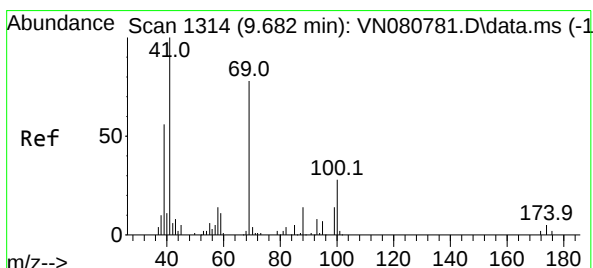
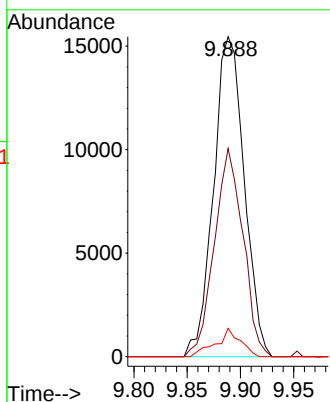
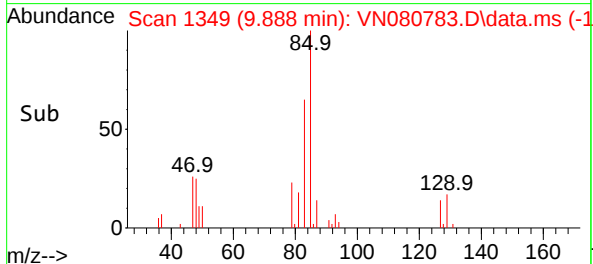
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 30930
Ion Ratio Lower Upper
83 100
85 65.0 52.3 78.5
127 8.8 4.6 7.0

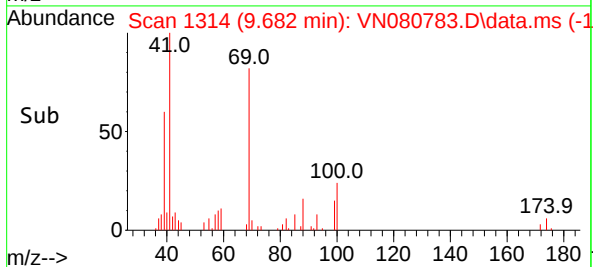
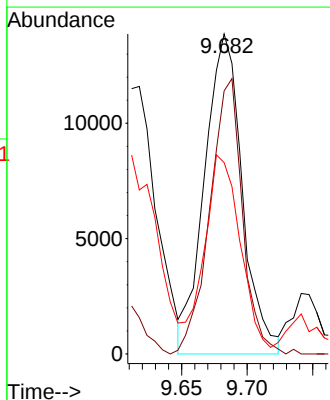
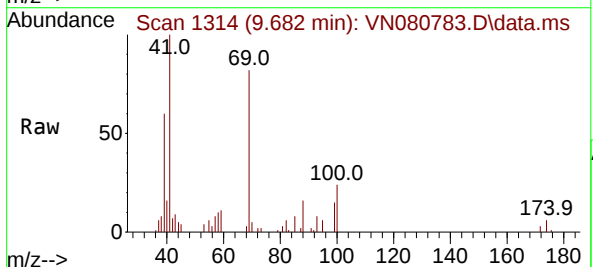
Manual Integrations
APPROVED

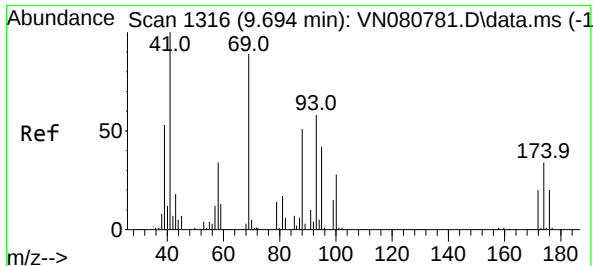
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#48
Methyl methacrylate
Concen: 10.004 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Tgt Ion: 41 Resp: 27675
Ion Ratio Lower Upper
41 100
69 74.7 62.2 93.2
39 60.5 47.6 71.4





#49

1,4-Dioxane

Concen: 194.951 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 6720

Ion Ratio Lower Upper

88 100

43 45.4 30.1 45.1

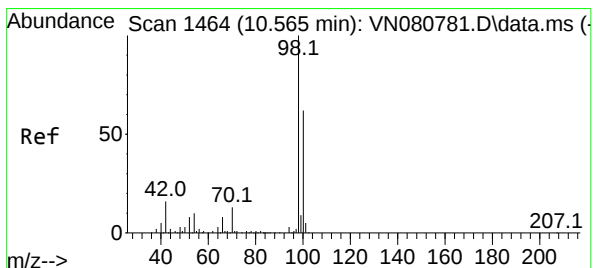
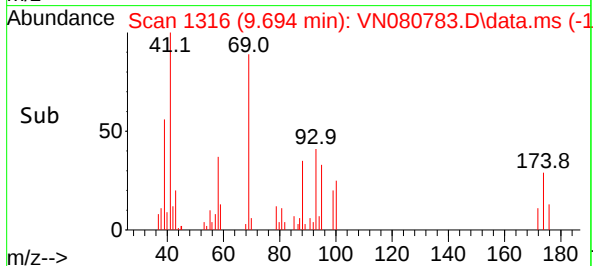
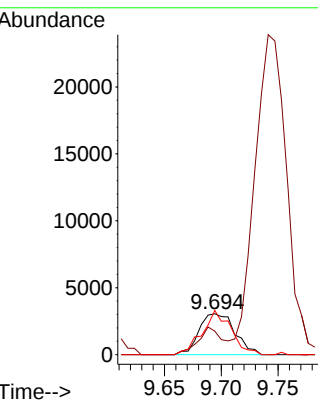
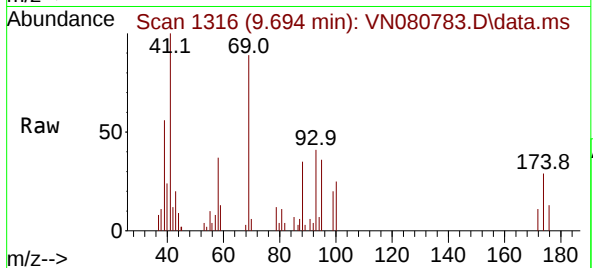
58 87.0 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#50

Toluene-d8

Concen: 10.733 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080783.D

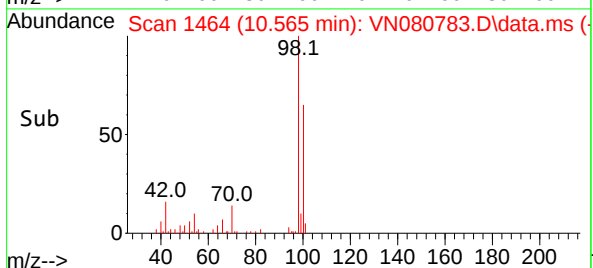
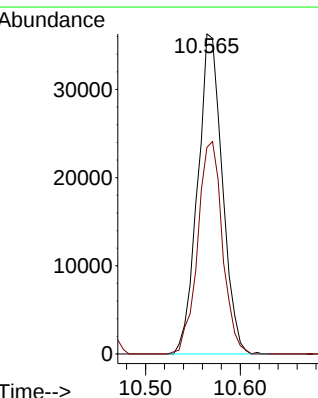
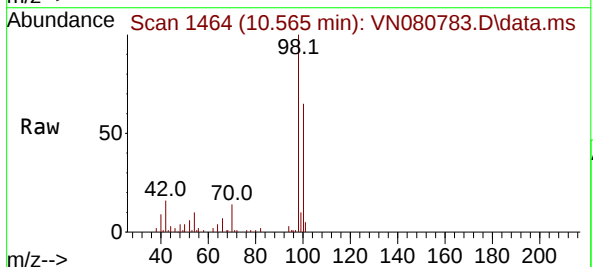
Acq: 29 Jan 2024 11:01

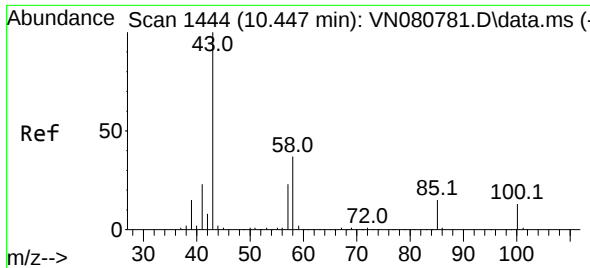
Tgt Ion: 98 Resp: 65493

Ion Ratio Lower Upper

98 100

100 66.6 51.4 77.0





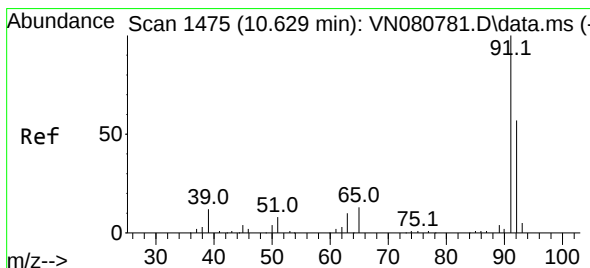
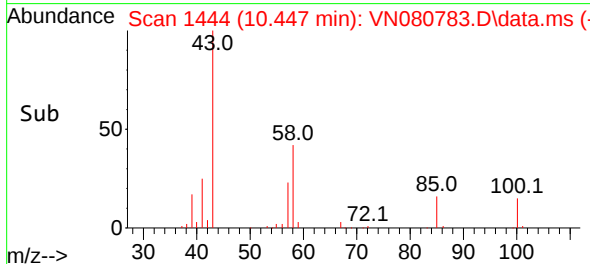
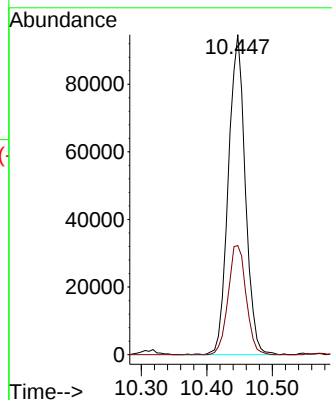
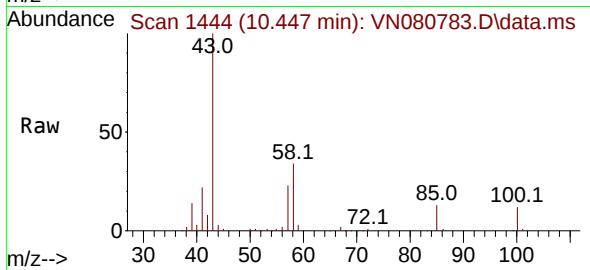
#51
4-Methyl-2-Pentanone
Concen: 53.798 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 169590
Ion Ratio Lower Upper
43 100
58 36.3 29.4 44.0

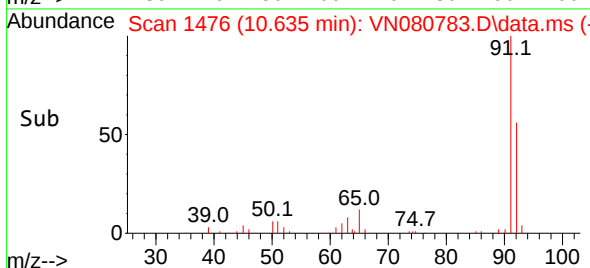
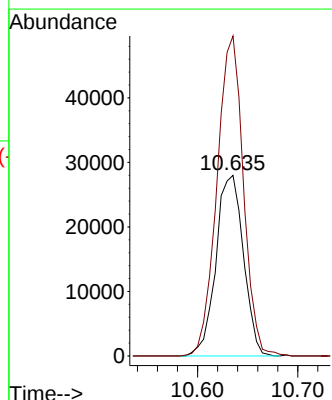
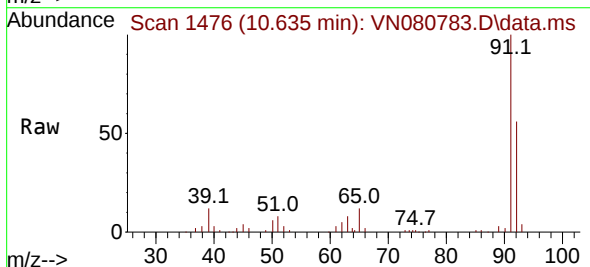
Manual Integrations
APPROVED

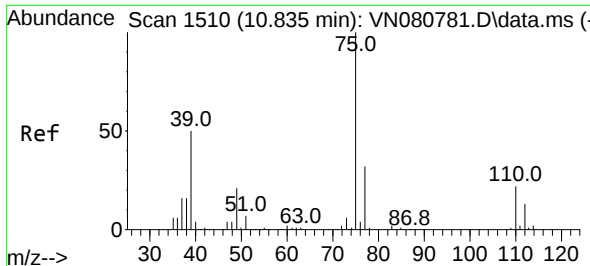
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#52
Toluene
Concen: 10.095 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

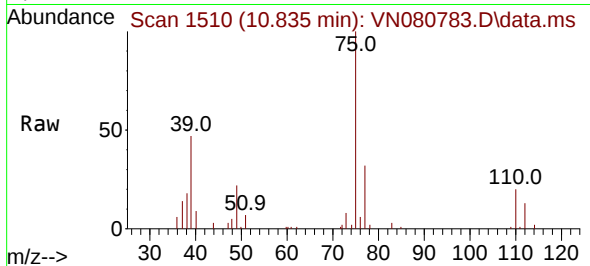
Tgt Ion: 92 Resp: 53305
Ion Ratio Lower Upper
92 100
91 170.3 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 9.231 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

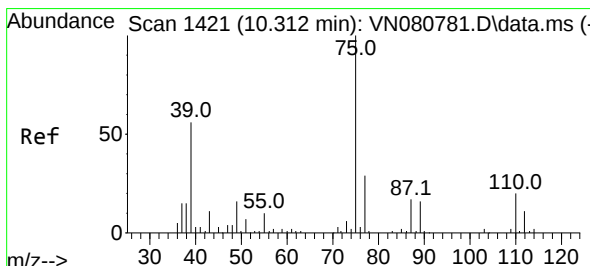
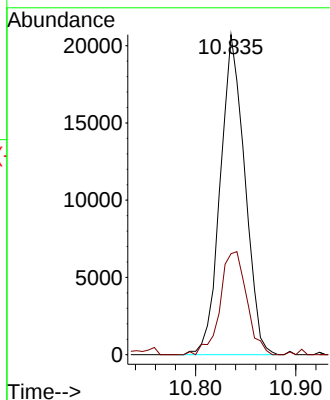
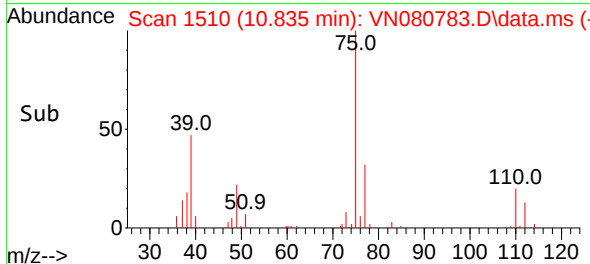
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



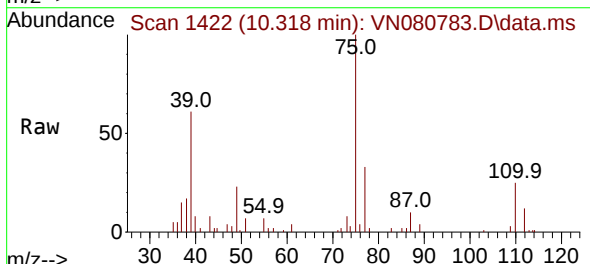
Tgt Ion: 75 Resp: 35154
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3

Manual Integrations
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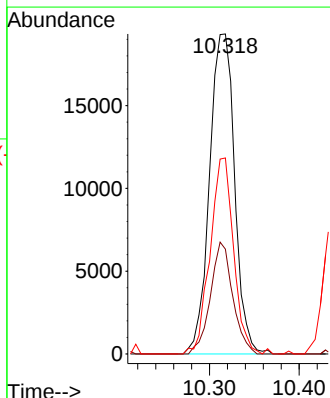
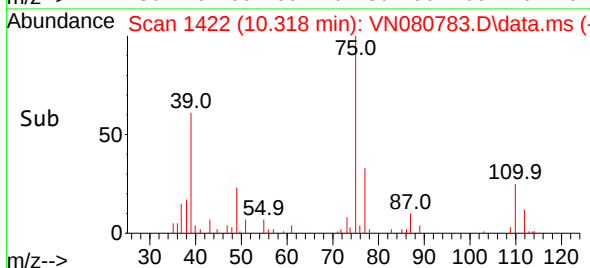
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

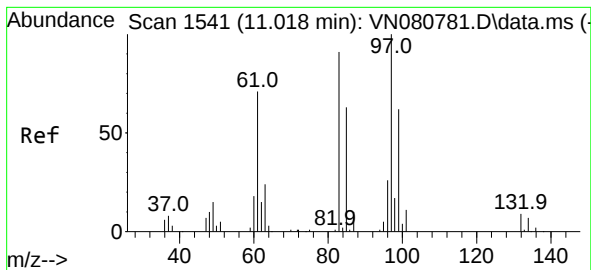


#54
cis-1,3-Dichloropropene
Concen: 9.299 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01



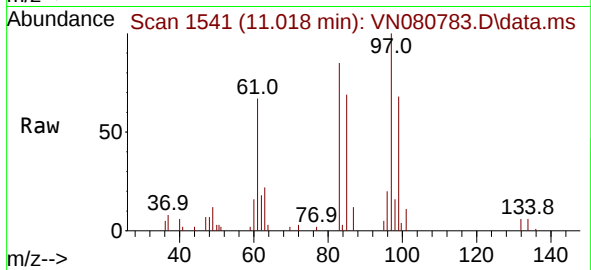
Tgt Ion: 75 Resp: 37552
Ion Ratio Lower Upper
75 100
77 32.8 23.3 34.9
39 61.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 9.372 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

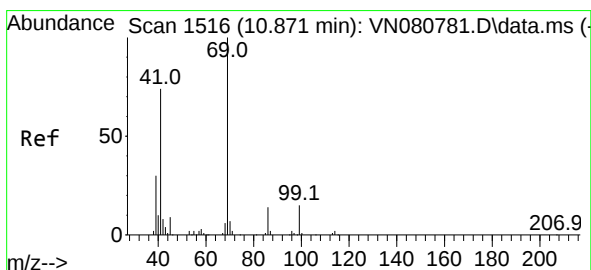
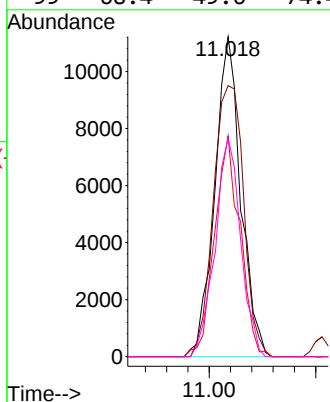
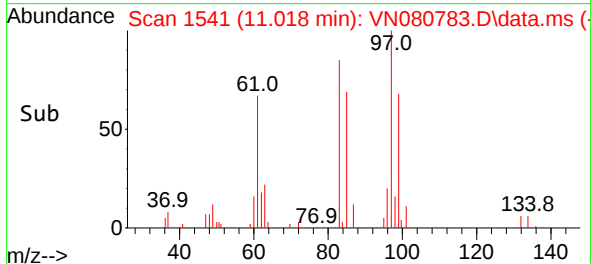
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



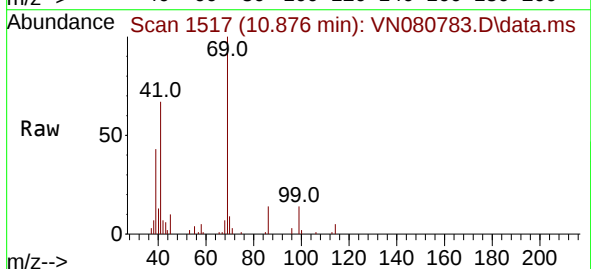
Tgt Ion:	97	Resp:	1904
Ion Ratio	100	Lower	Upper
97	100		
83	84.7	72.9	109.3
85	69.0	50.2	75.2
99	68.4	49.6	74.4

Manual Integrations
APPROVED

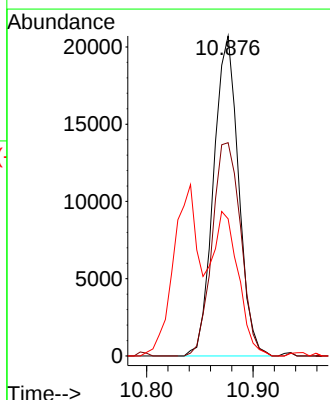
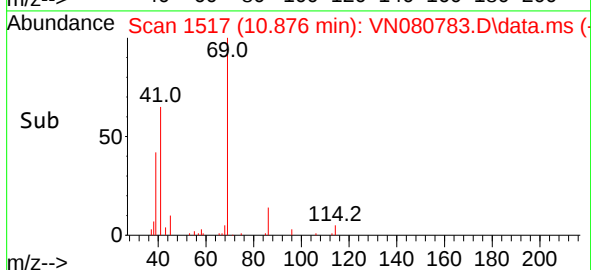
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

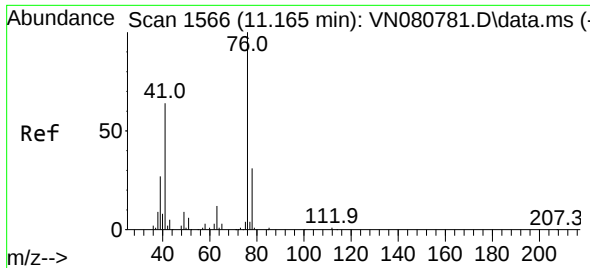


#56
Ethyl methacrylate
Concen: 9.266 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01



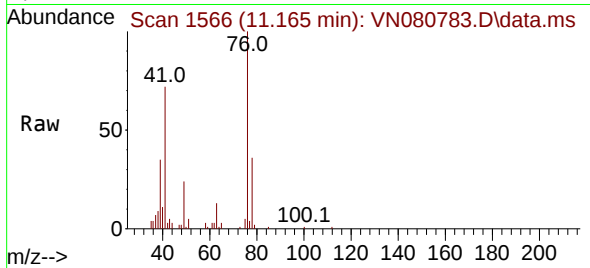
Tgt Ion:	69	Resp:	33730
Ion Ratio	100	Lower	Upper
69	100		
41	76.1	61.0	91.6
39	47.8	31.8	47.6





#57
1,3-Dichloropropane
Concen: 10.399 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

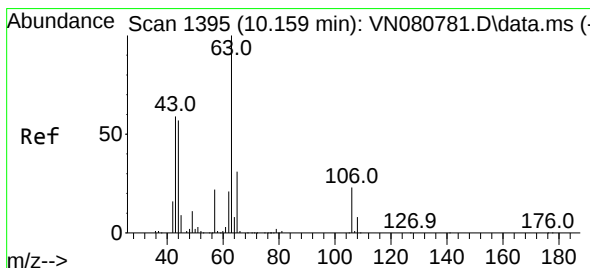
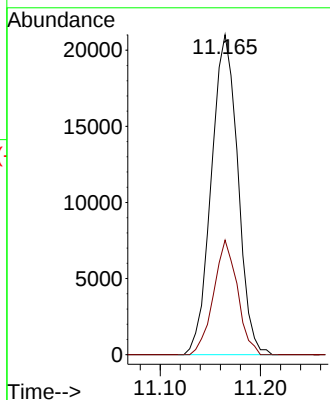
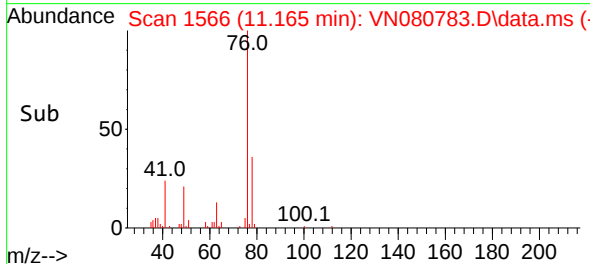
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 38584
Ion Ratio Lower Upper
76 100
78 32.3 25.5 38.3

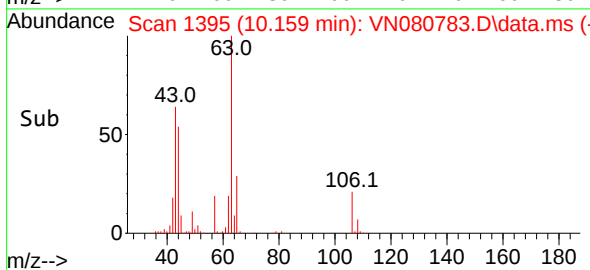
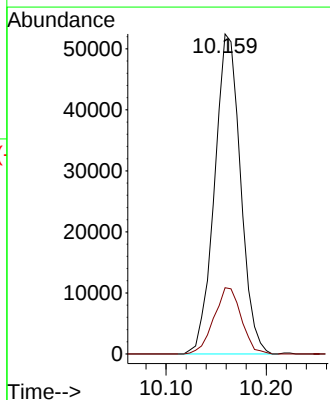
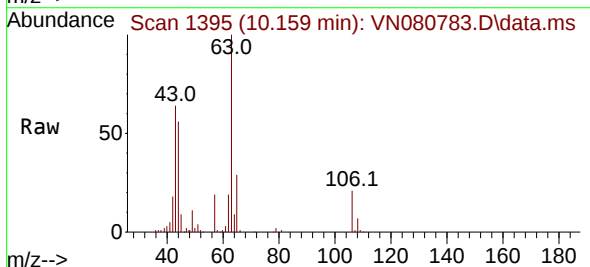
Manual Integrations
APPROVED

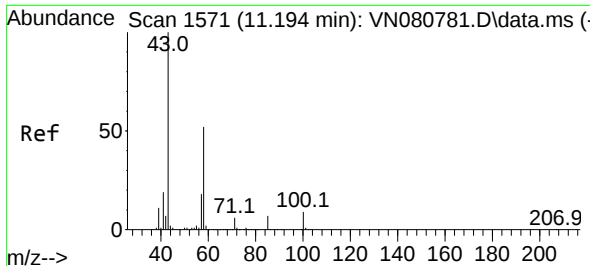
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#58
2-Chloroethyl Vinyl ether
Concen: 54.129 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

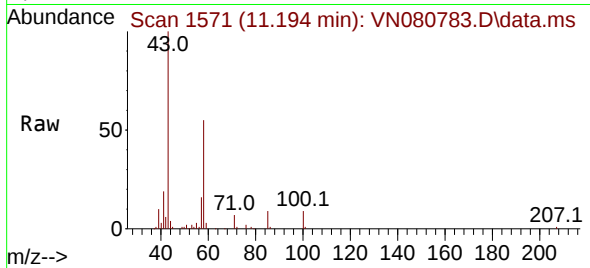
Tgt Ion: 63 Resp: 94376
Ion Ratio Lower Upper
63 100
106 21.7 18.6 28.0





#59
2-Hexanone
Concen: 52.602 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

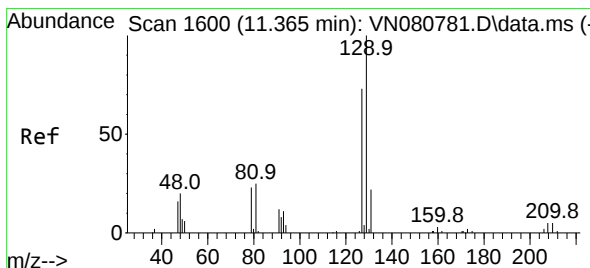
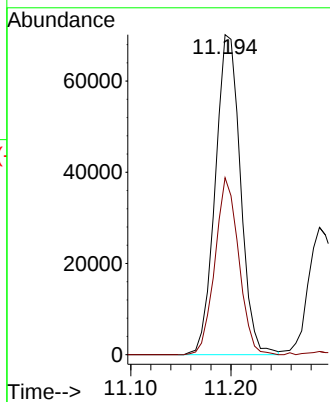
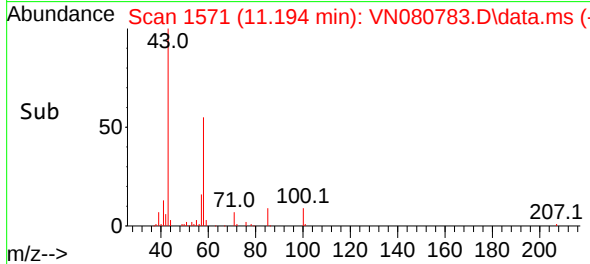
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 122410
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.8

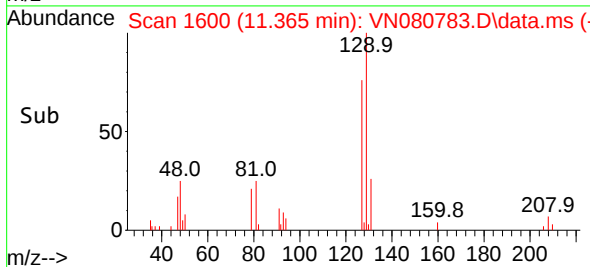
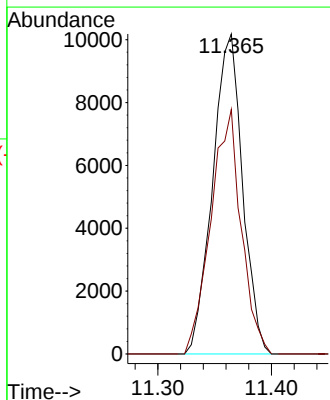
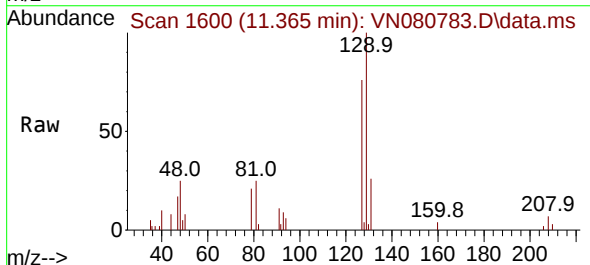
Manual Integrations
APPROVED

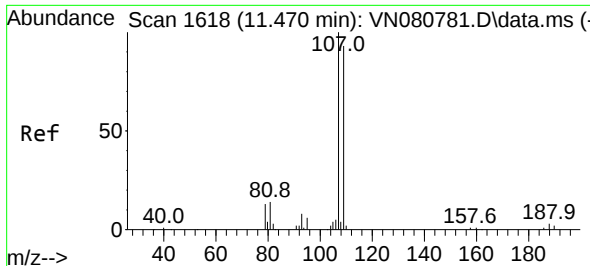
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#60
Dibromochloromethane
Concen: 8.921 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

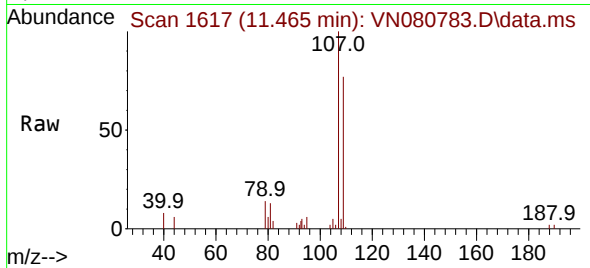
Tgt Ion:129 Resp: 18633
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 10.317 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

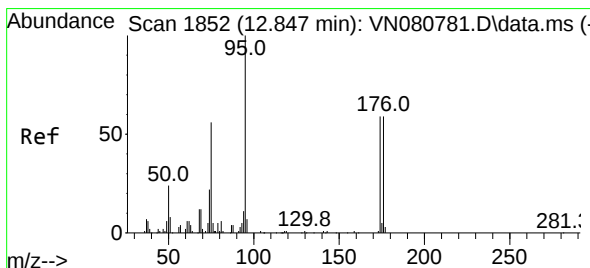
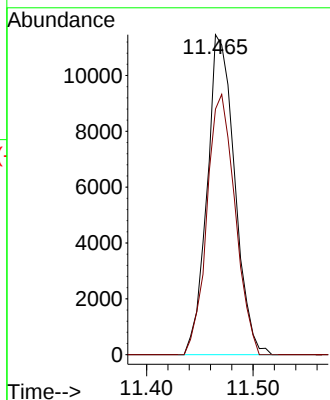
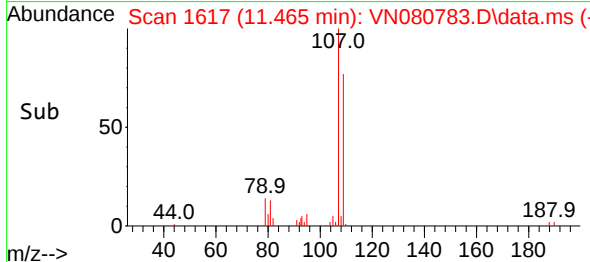
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:107 Resp: 2061
Ion Ratio Lower Upper
107 100
109 83.1 73.4 110.2

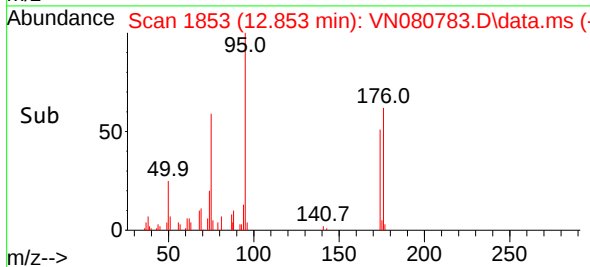
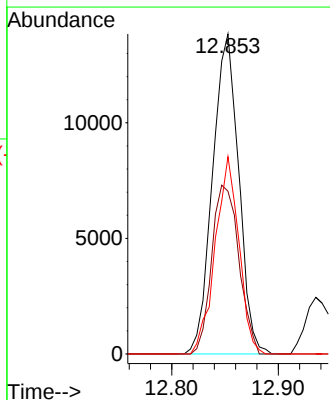
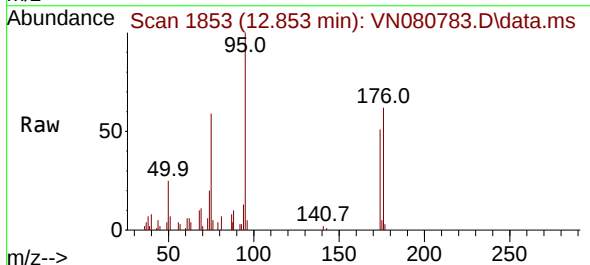
Manual Integrations
APPROVED

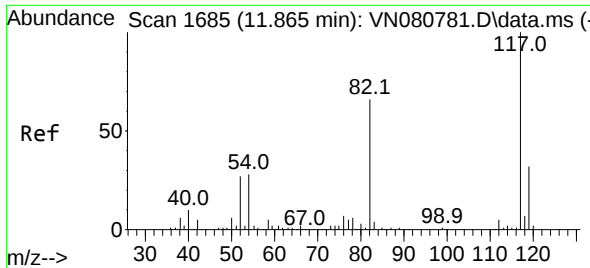
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#62
4-Bromofluorobenzene
Concen: 10.072 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

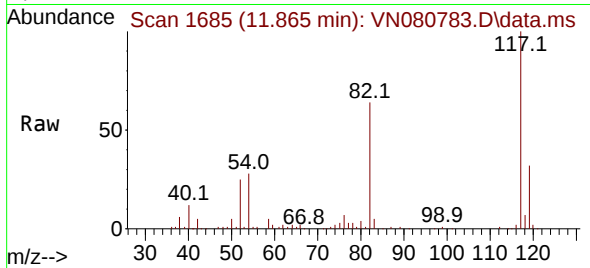
Tgt Ion: 95 Resp: 23569
Ion Ratio Lower Upper
95 100
174 55.0 0.0 120.4
176 55.8 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

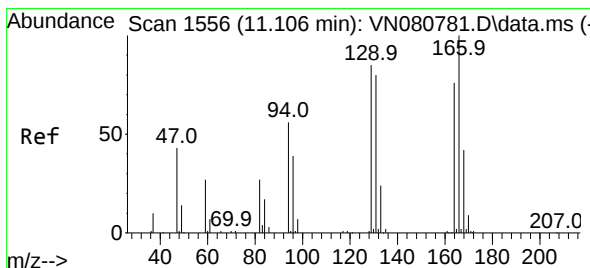
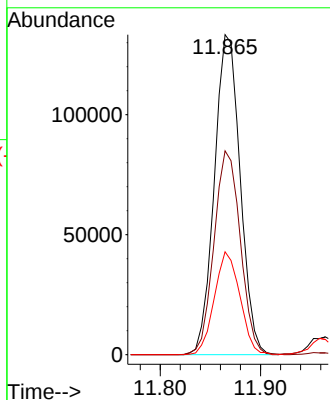
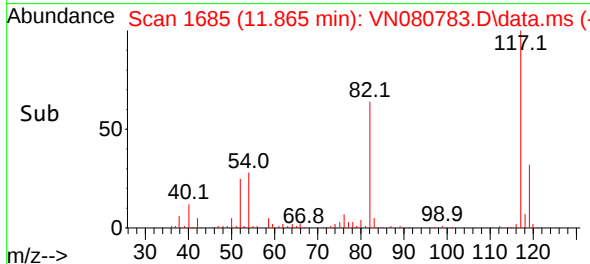
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 238280
Ion Ratio Lower Upper
117 100
82 63.7 52.7 79.1
119 32.1 25.3 37.9

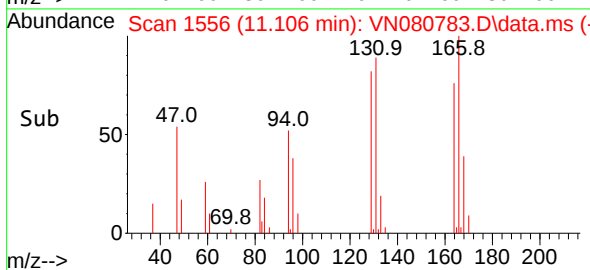
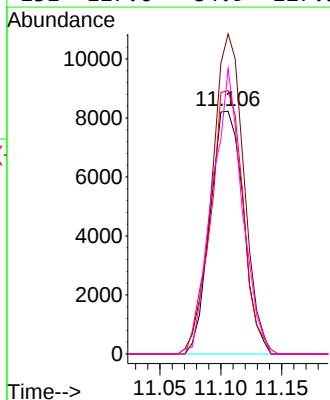
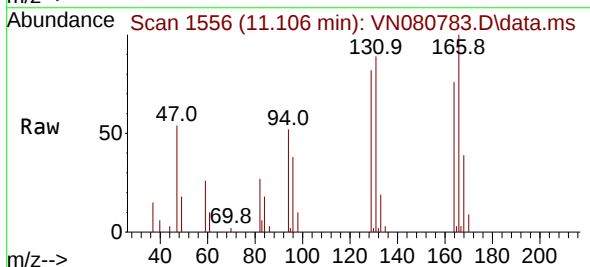
Manual Integrations
APPROVED

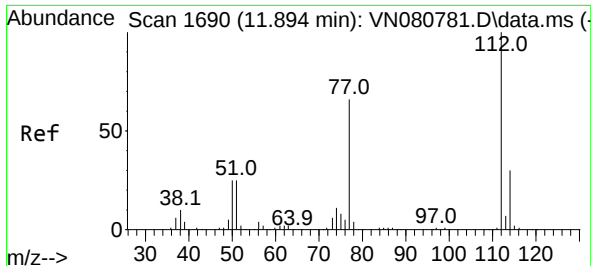
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#64
Tetrachloroethene
Concen: 9.536 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

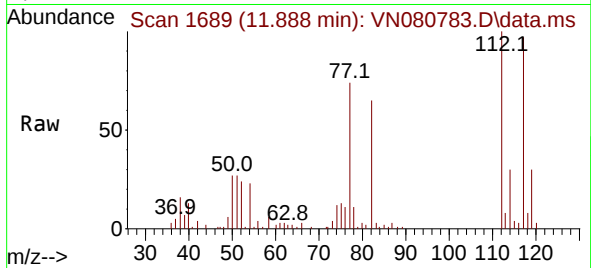
Tgt Ion:164 Resp: 15605
Ion Ratio Lower Upper
164 100
166 131.9 105.8 158.6
129 108.5 89.6 134.4
131 117.6 84.9 127.3





#65
Chlorobenzene
Concen: 10.054 ug/l
RT: 11.888 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

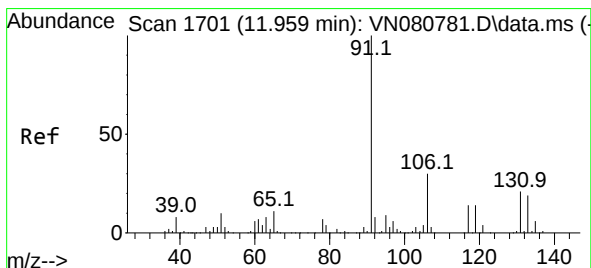
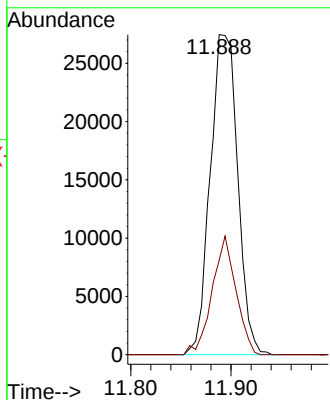
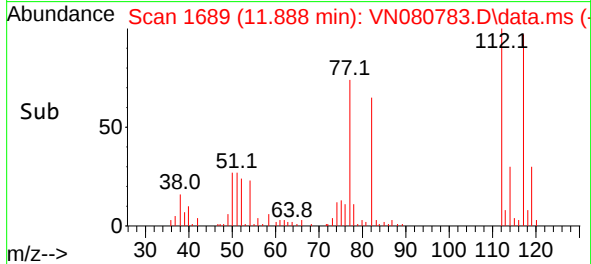
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



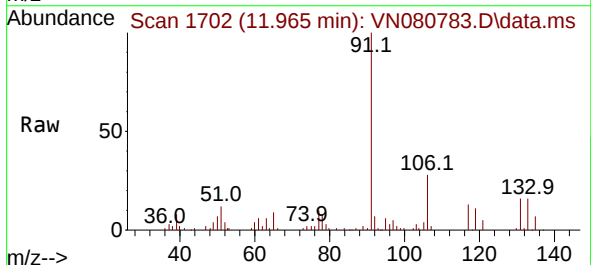
Tgt Ion:112 Resp: 5234
Ion Ratio Lower Upper
112 100
114 29.5 23.7 35.5

Manual Integrations
APPROVED

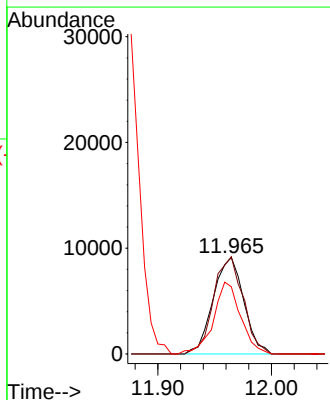
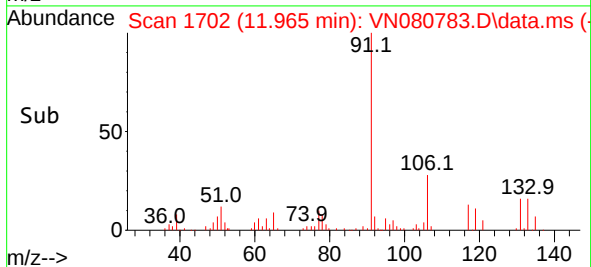
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

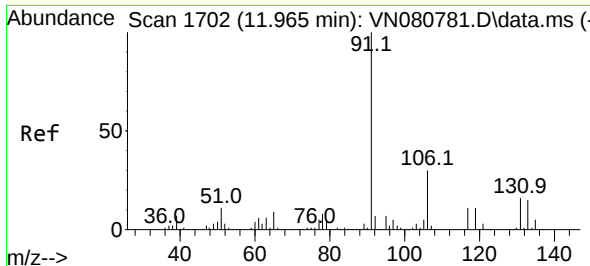


#66
1,1,1,2-Tetrachloroethane
Concen: 9.219 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01



Tgt Ion:131 Resp: 17039
Ion Ratio Lower Upper
131 100
133 97.8 46.8 140.3
119 66.2 34.6 103.9





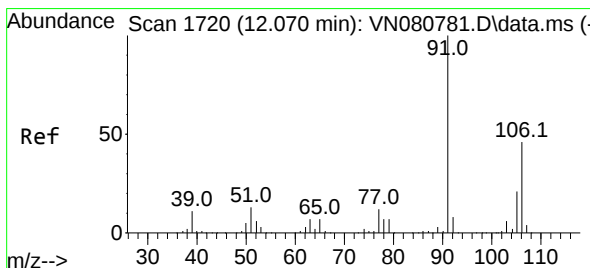
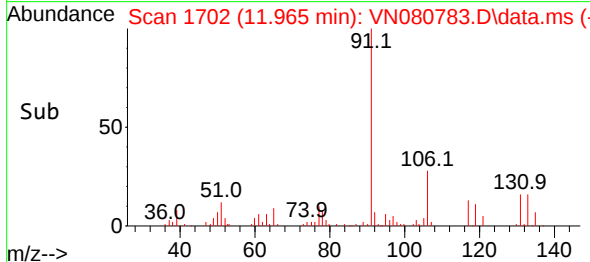
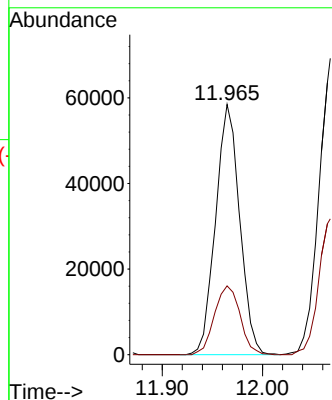
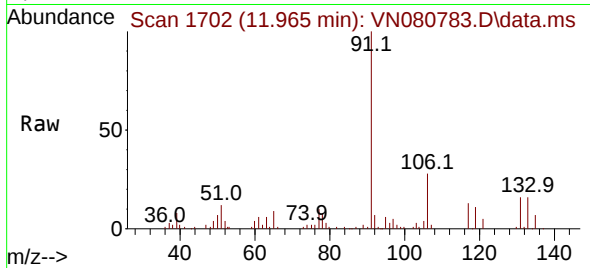
#67
Ethyl Benzene
Concen: 9.802 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 97438
Ion Ratio Lower Upper
91 100
106 27.5 23.8 35.6

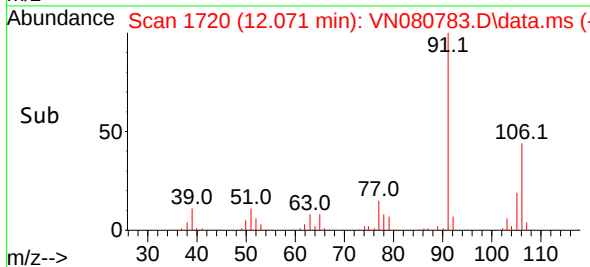
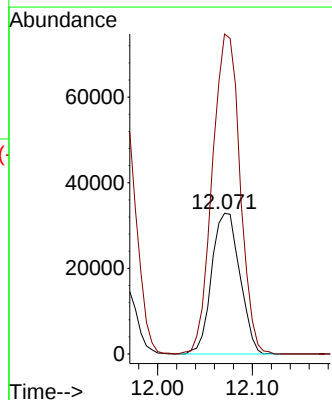
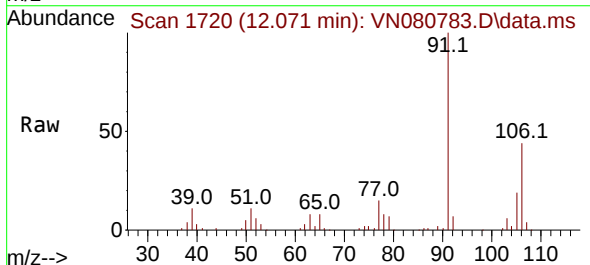
Manual Integrations
APPROVED

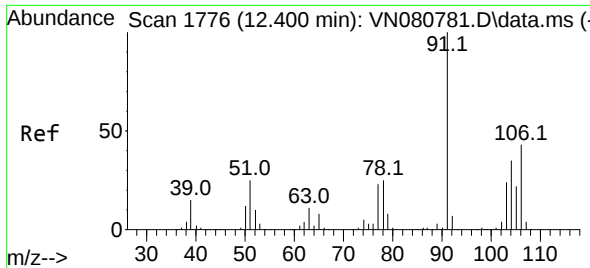
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#68
m/p-Xylenes
Concen: 19.434 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Tgt Ion:106 Resp: 67920
Ion Ratio Lower Upper
106 100
91 223.3 169.0 253.6





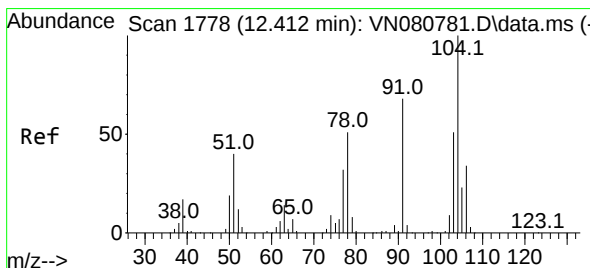
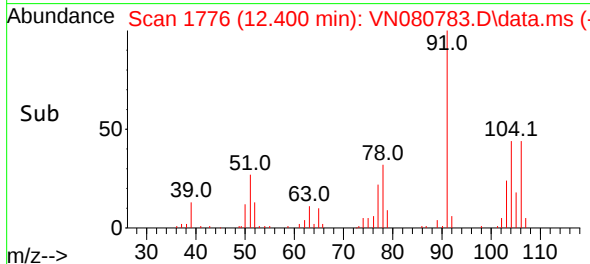
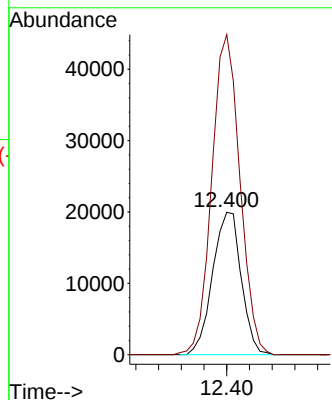
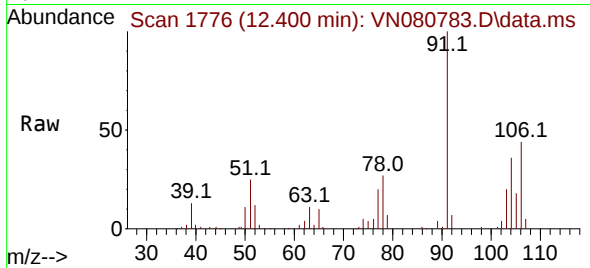
#69
o-Xylene
Concen: 10.205 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 3487
Ion Ratio Lower Upper
106 100
91 221.5 112.1 336.3

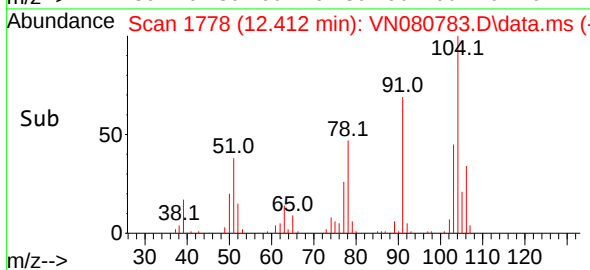
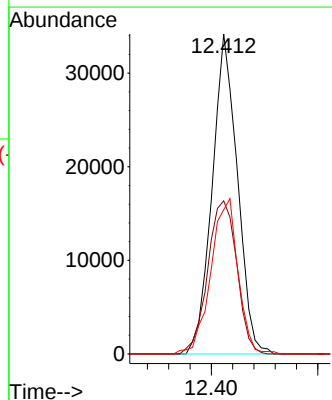
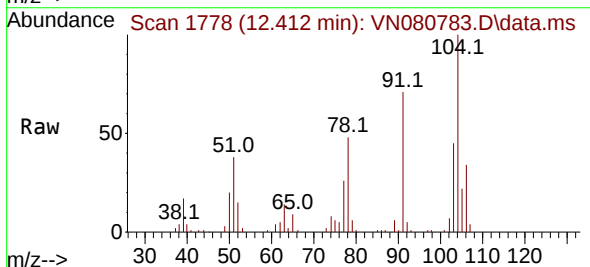
Manual Integrations
APPROVED

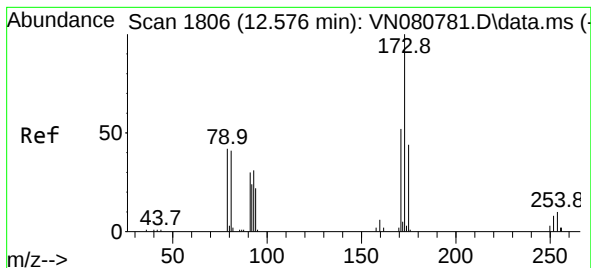
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#70
Styrene
Concen: 9.668 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Tgt Ion:104 Resp: 56098
Ion Ratio Lower Upper
104 100
78 55.2 43.8 65.8
103 52.3 44.2 66.2





#71

Bromoform

Concen: 8.359 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

Instrument :

MSVOA_N

ClientSampleId :

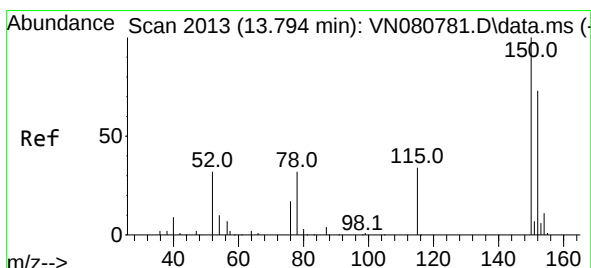
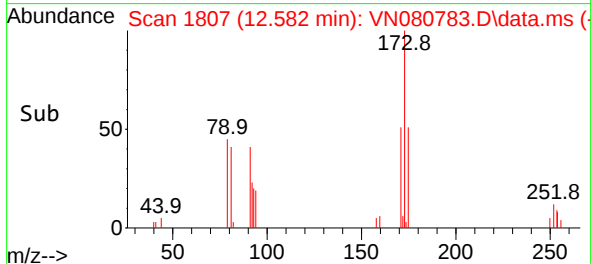
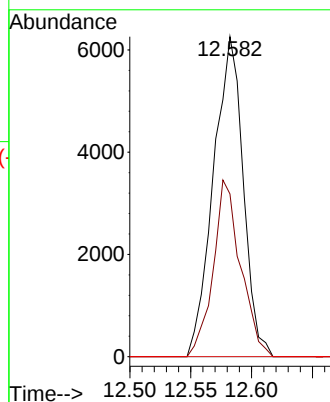
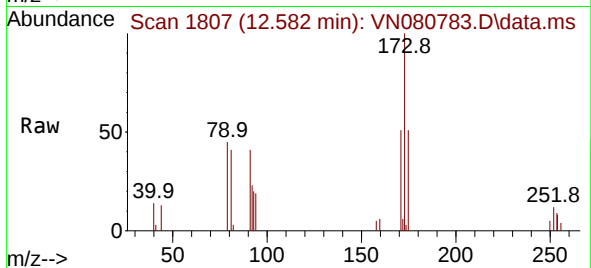
VSTDICC010

Tgt Ion:173 Resp: 10629
 Ion Ratio Lower Upper
 173 100
 175 51.0 23.1 69.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

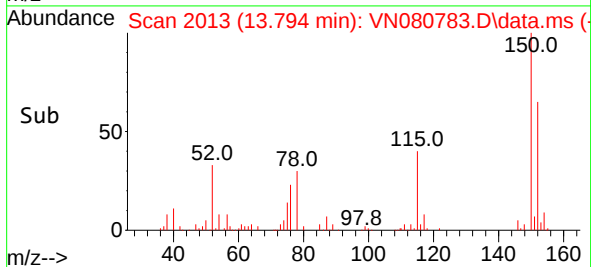
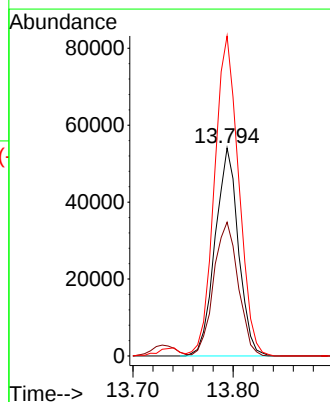
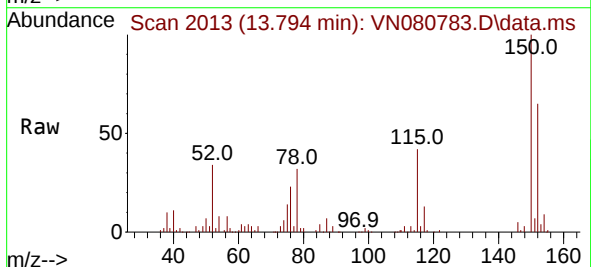
RT: 13.794 min Scan# 2013

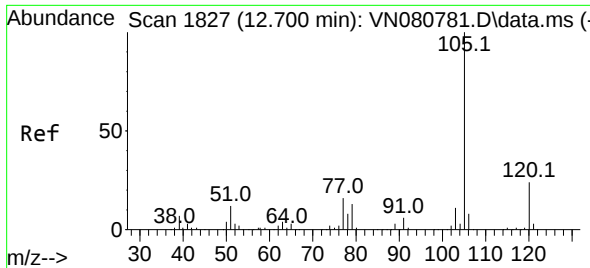
Delta R.T. 0.000 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

Tgt Ion:152 Resp: 87146
 Ion Ratio Lower Upper
 152 100
 115 67.8 32.3 96.8
 150 160.3 0.0 339.8





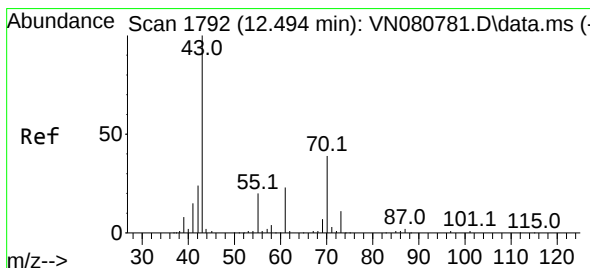
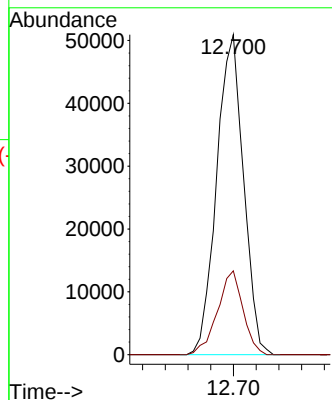
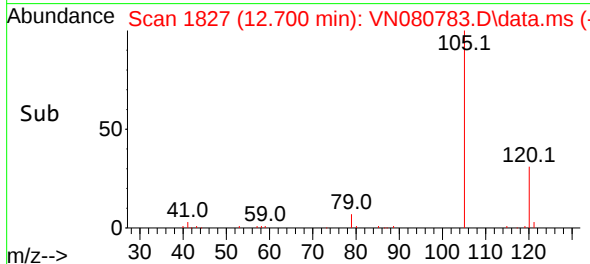
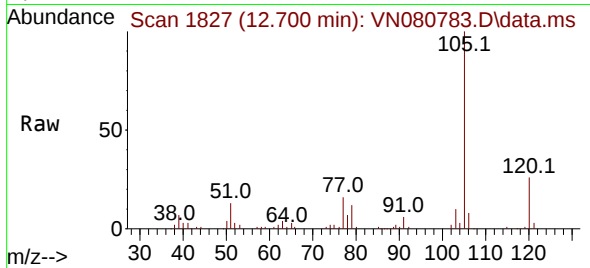
#73
Isopropylbenzene
Concen: 10.084 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 8356
Ion Ratio Lower Upper
105 100
120 24.9 12.6 37.6

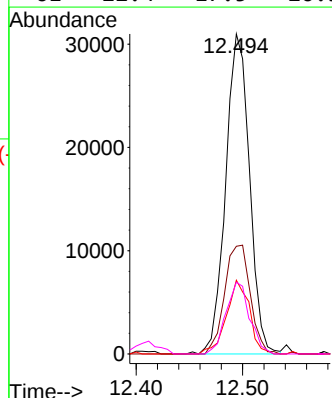
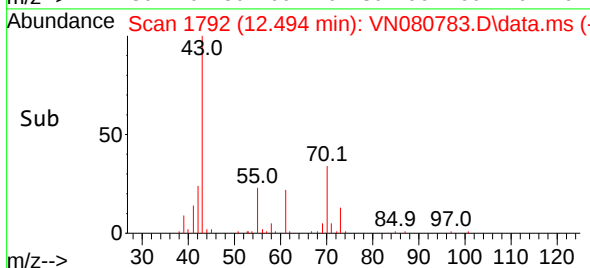
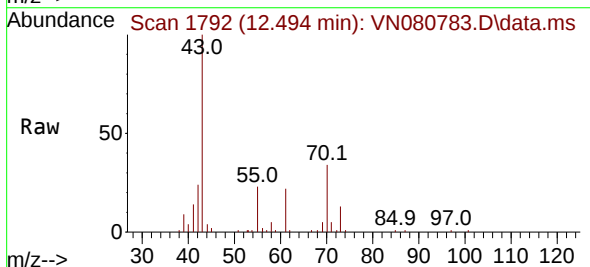
Manual Integrations
APPROVED

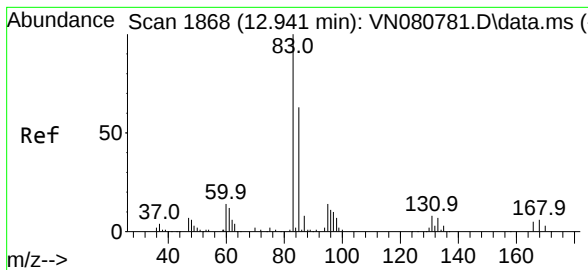
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#74
N-ethyl acetate
Concen: 9.678 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

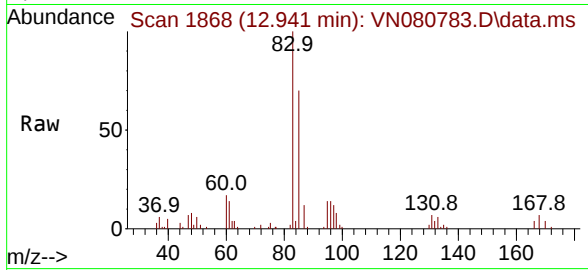
Tgt Ion: 43 Resp: 48128
Ion Ratio Lower Upper
43 100
70 36.8 30.1 45.1
55 22.2 17.0 25.4
61 22.4 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 9.975 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

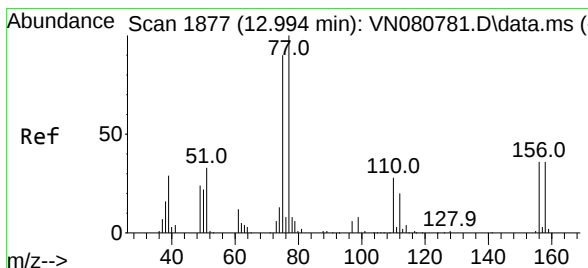
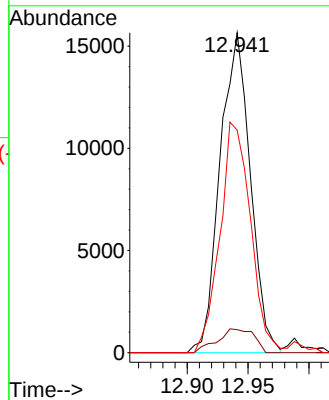
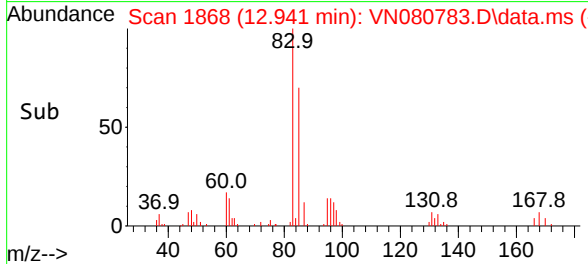
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 27110
Ion Ratio Lower Upper
83 100
131 8.9 4.1 12.3
85 72.4 32.1 96.3

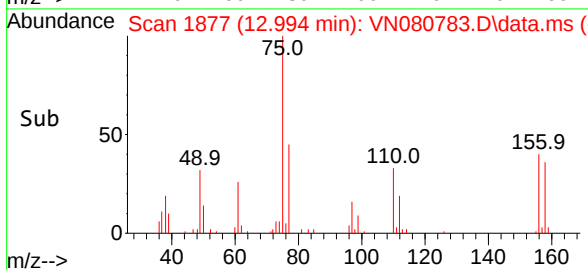
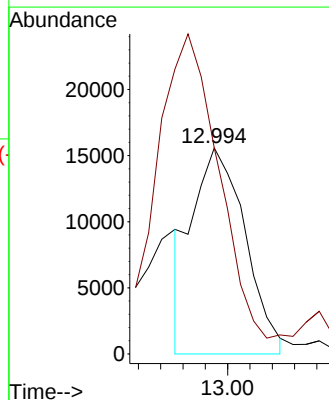
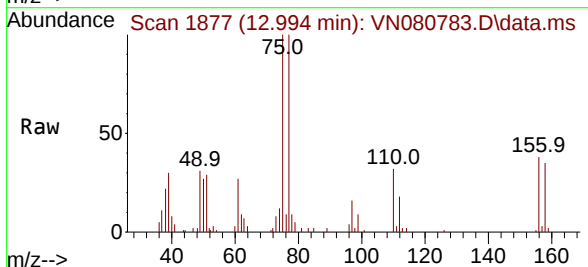
Manual Integrations
APPROVED

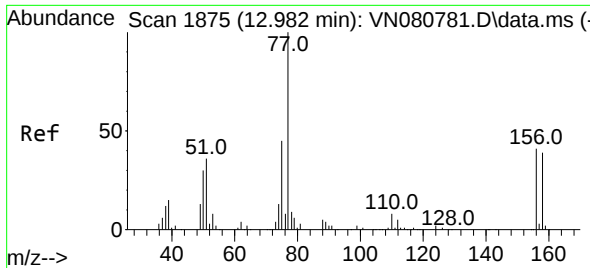
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#76
1,2,3-Trichloropropane
Concen: 9.480 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

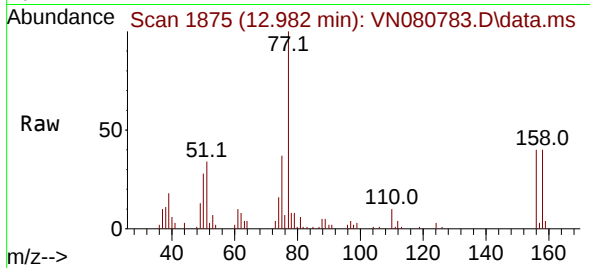
Tgt Ion: 75 Resp: 25474
Ion Ratio Lower Upper
75 100
77 193.6 91.0 272.8





#77
Bromobenzene
Concen: 9.241 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

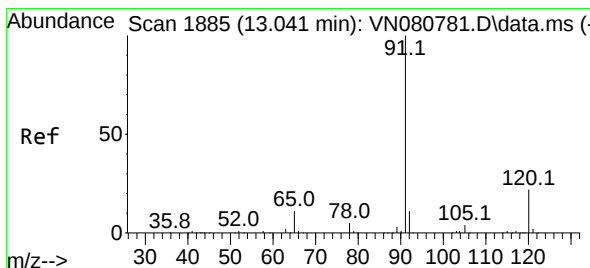
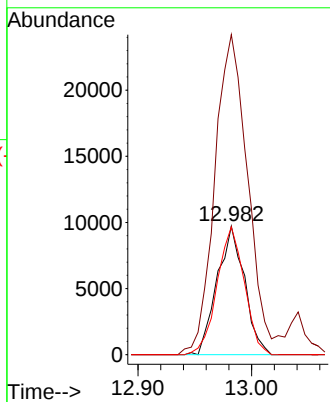
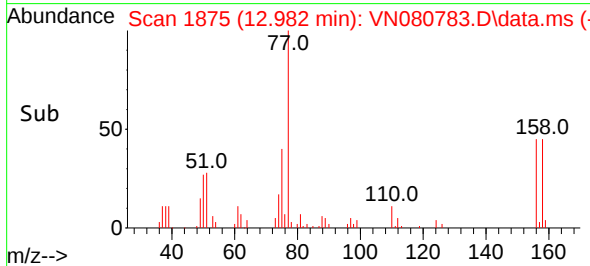
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



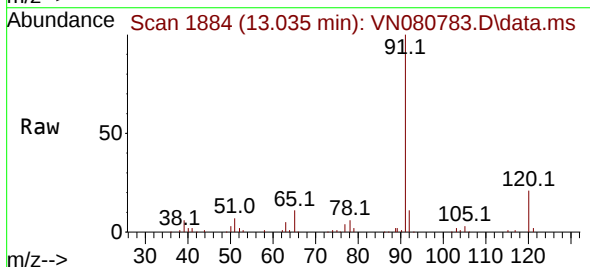
Tgt Ion:156 Resp: 1626
Ion Ratio Lower Upper
156 100
77 303.3 138.1 414.3
158 99.0 46.5 139.5

Manual Integrations
APPROVED

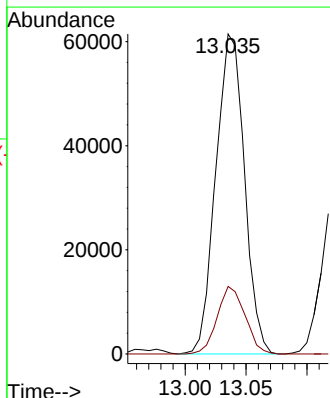
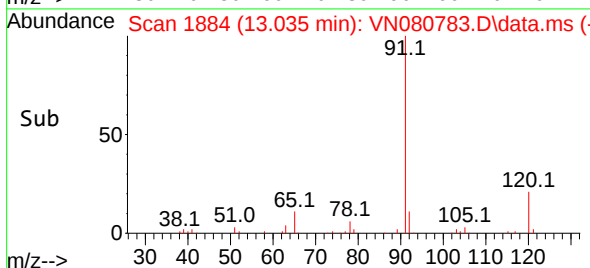
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

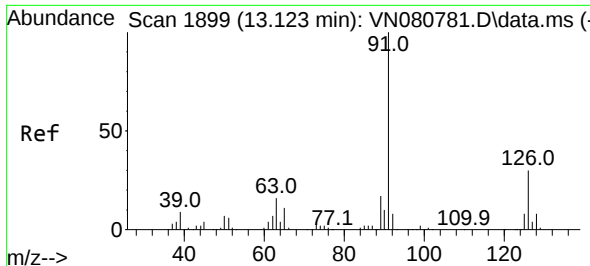


#78
n-propylbenzene
Concen: 9.907 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01



Tgt Ion: 91 Resp: 100713
Ion Ratio Lower Upper
91 100
120 20.4 10.3 30.9





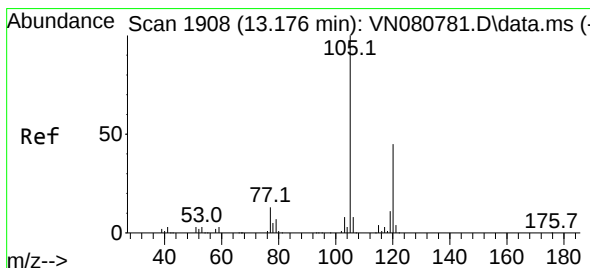
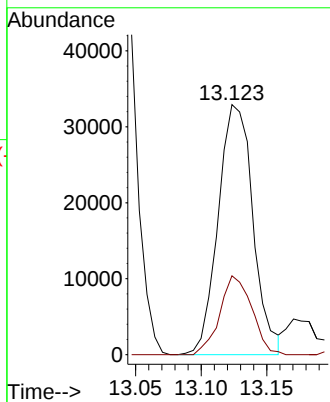
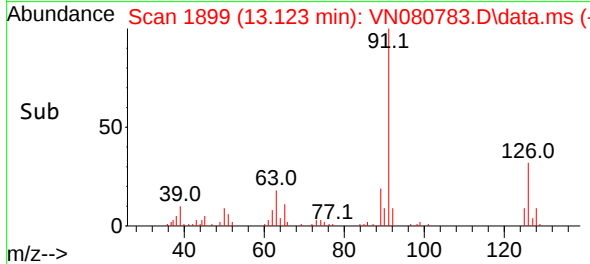
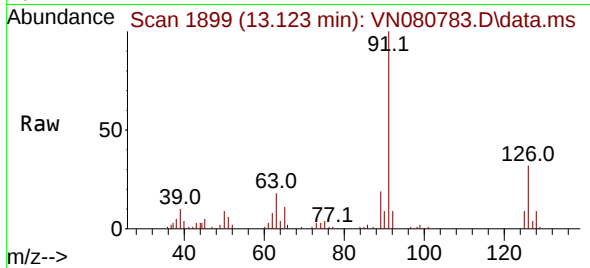
#79
2-Chlorotoluene
Concen: 9.343 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 6086
Ion Ratio Lower Upper
91 100
126 28.9 14.8 44.4

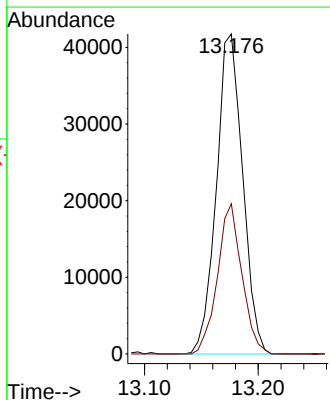
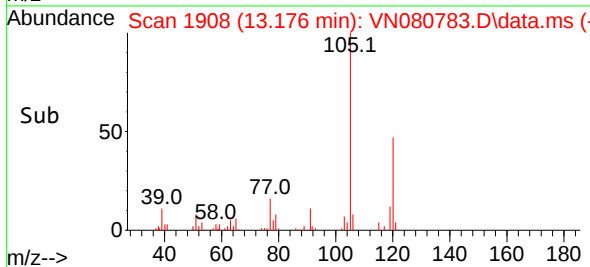
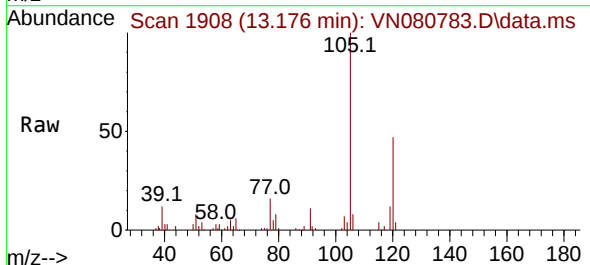
Manual Integrations
APPROVED

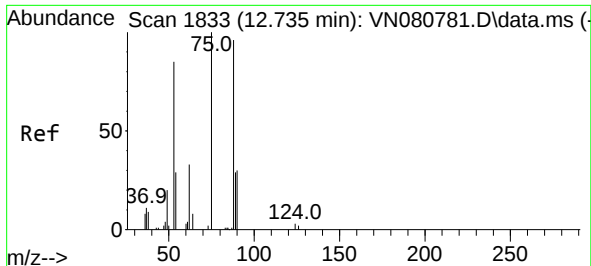
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 9.715 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

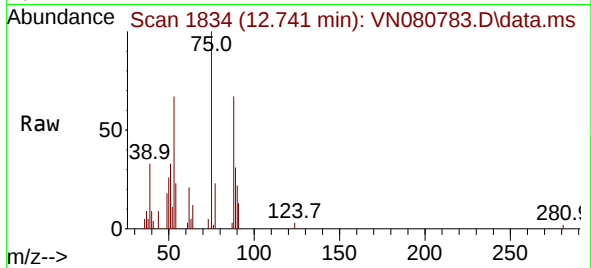
Tgt Ion:105 Resp: 67096
Ion Ratio Lower Upper
105 100
120 43.7 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 9.360 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

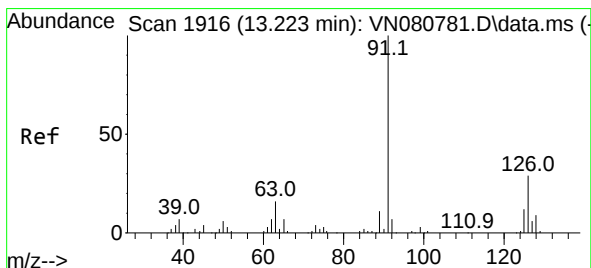
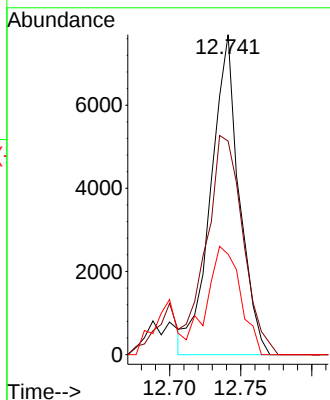
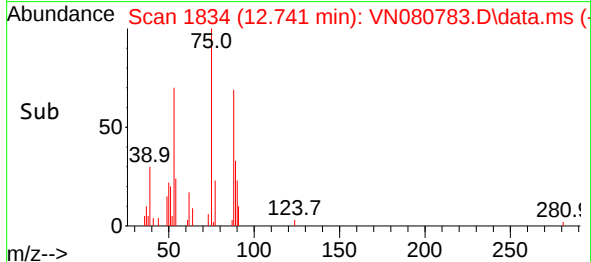
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 10670
Ion Ratio Lower Upper
75 100
53 88.5 71.4 107.2
89 39.7 33.4 50.0

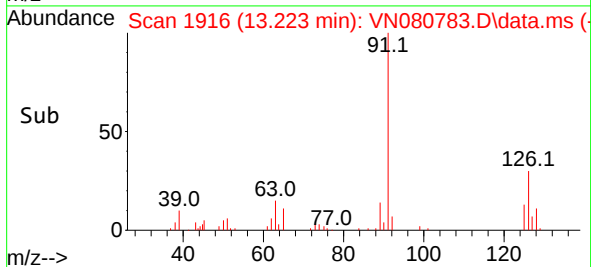
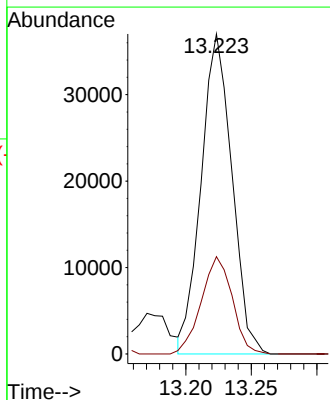
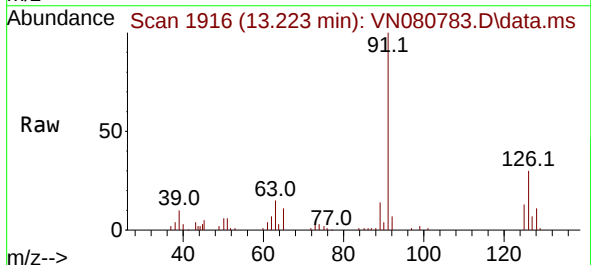
Manual Integrations
APPROVED

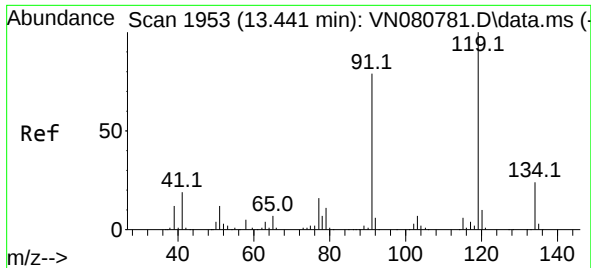
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#82
4-Chlorotoluene
Concen: 9.455 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Tgt Ion: 91 Resp: 60389
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.9





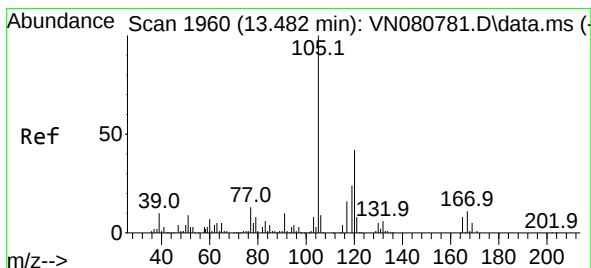
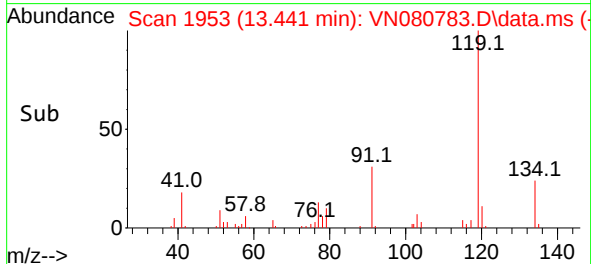
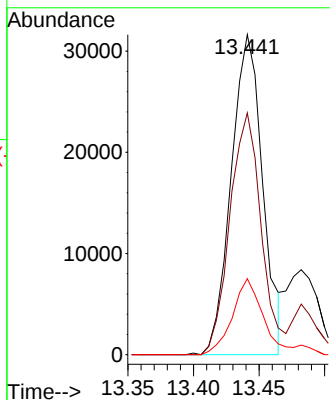
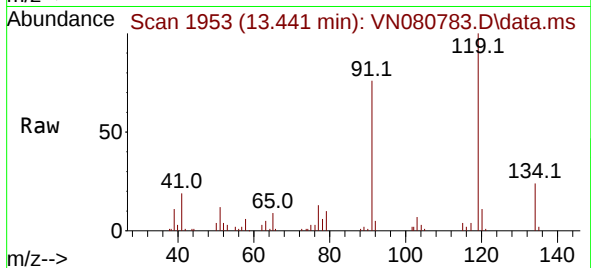
#83
tert-Butylbenzene
Concen: 9.584 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:119 Resp: 5291
Ion Ratio Lower Upper
119 100
91 75.4 36.8 110.4
134 24.5 12.4 37.4

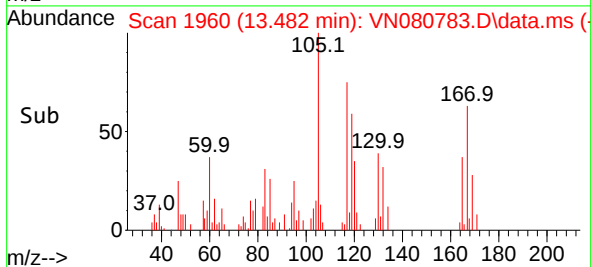
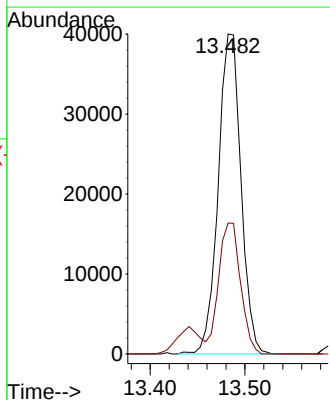
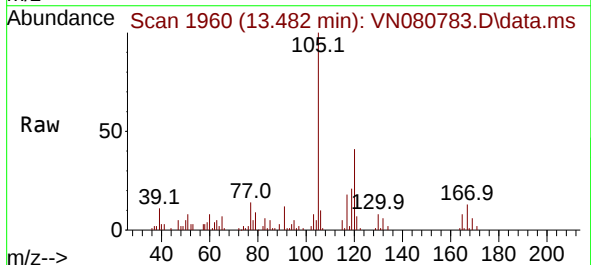
Manual Integrations
APPROVED

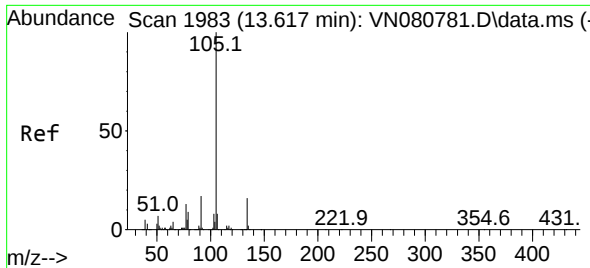
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 9.857 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

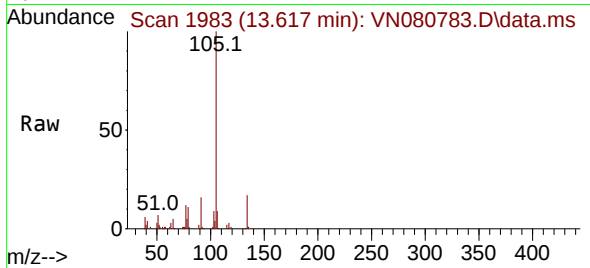
Tgt Ion:105 Resp: 66941
Ion Ratio Lower Upper
105 100
120 39.3 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 9.793 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080783.D
 Acq: 29 Jan 2024 11:01

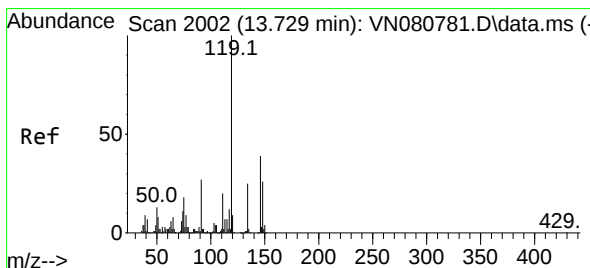
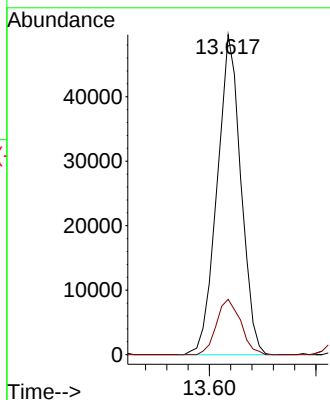
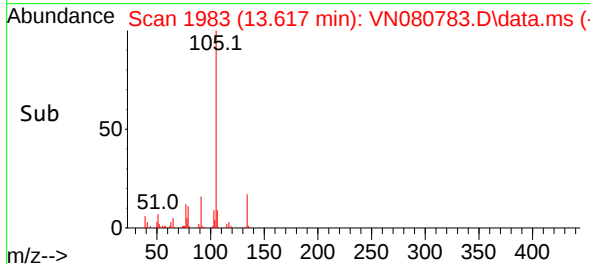
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



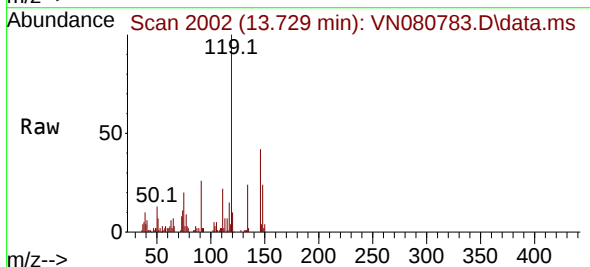
Tgt Ion:105 Resp: 7682
 Ion Ratio Lower Upper
 105 100
 134 17.7 8.6 25.8

Manual Integrations
 APPROVED

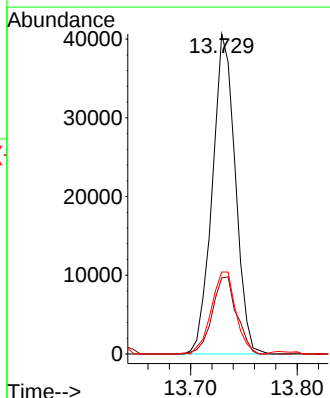
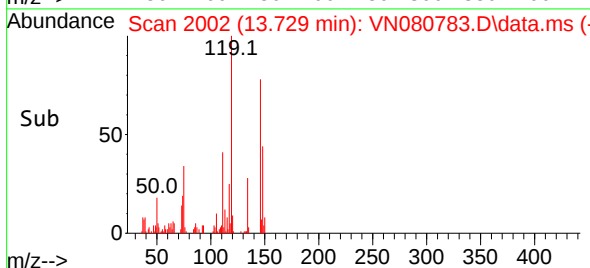
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/30/2024

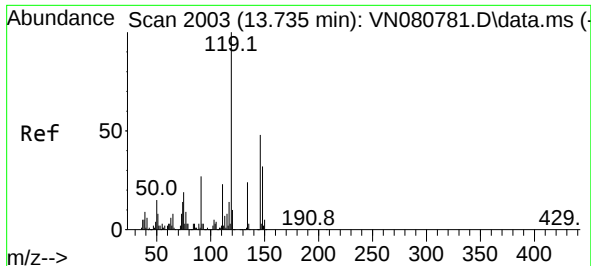


#86
 p-Isopropyltoluene
 Concen: 9.810 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080783.D
 Acq: 29 Jan 2024 11:01



Tgt Ion:119 Resp: 60778
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.4 37.2
 91 27.4 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 10.051 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 31598

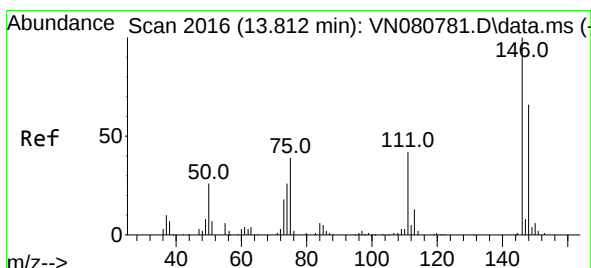
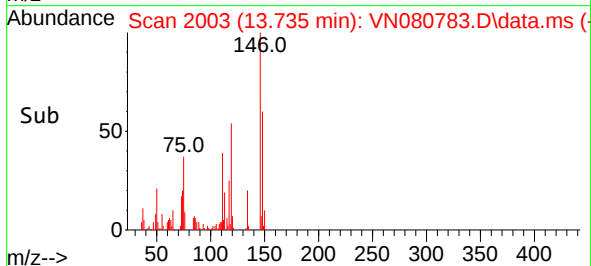
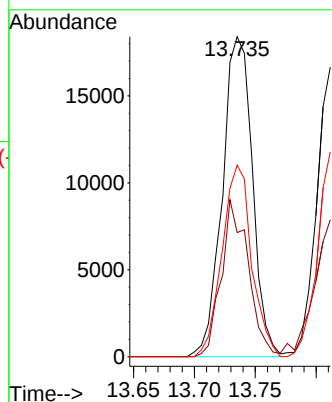
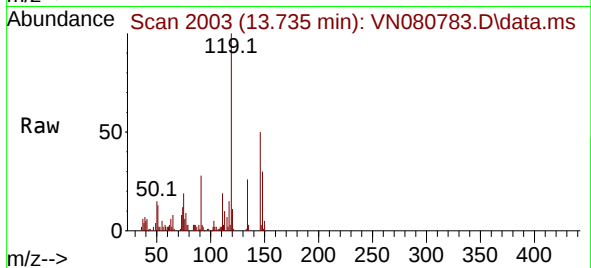
Ion	Ratio	Lower	Upper
146	100		
111	44.0	23.9	71.7
148	59.0	32.6	97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#88

1,4-Dichlorobenzene

Concen: 9.676 ug/l

RT: 13.817 min Scan# 2017

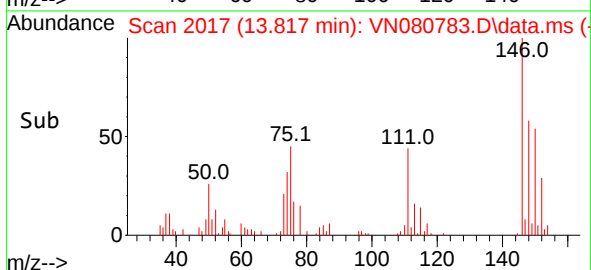
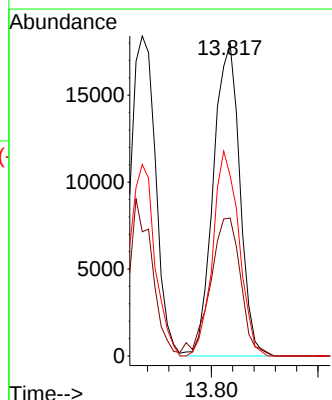
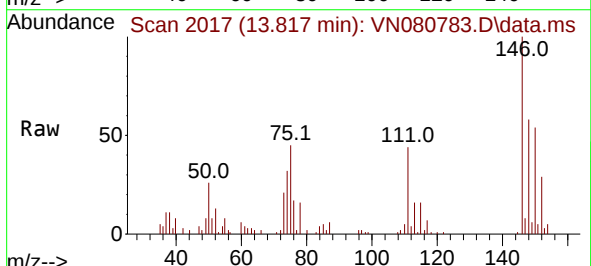
Delta R.T. 0.006 min

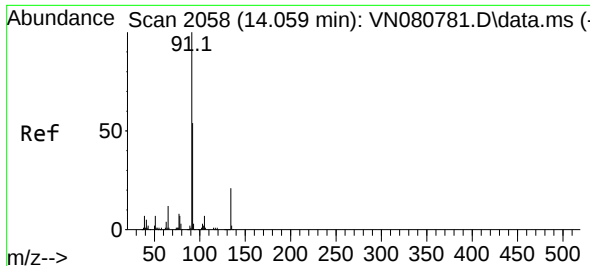
Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

Tgt Ion:146 Resp: 30991

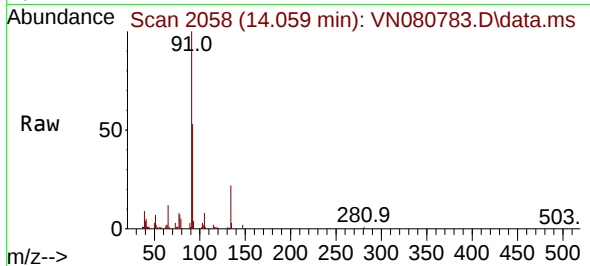
Ion	Ratio	Lower	Upper
146	100		
111	50.7	22.6	67.7
148	64.5	31.9	95.5





#89
n-Butylbenzene
Concen: 9.496 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

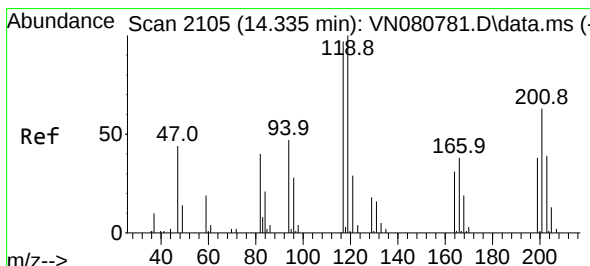
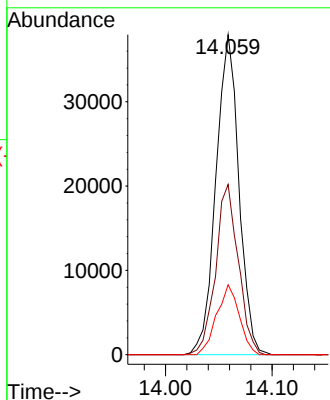
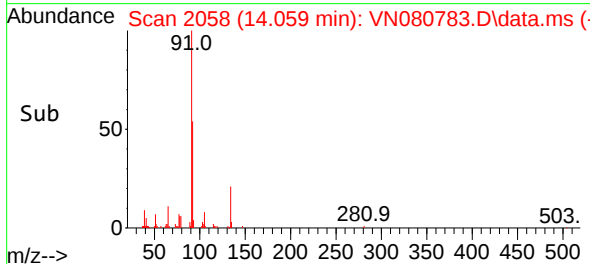
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 91 Resp: 5671
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.1
134 21.5 10.8 32.4

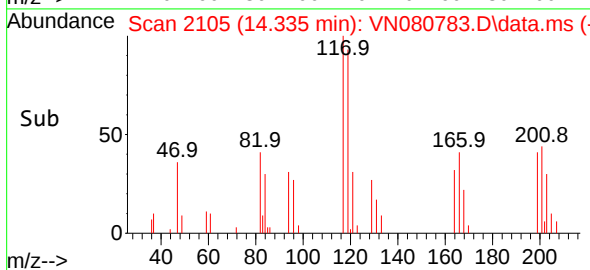
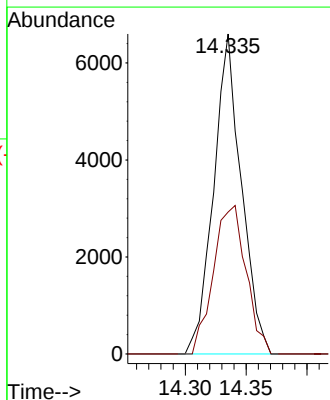
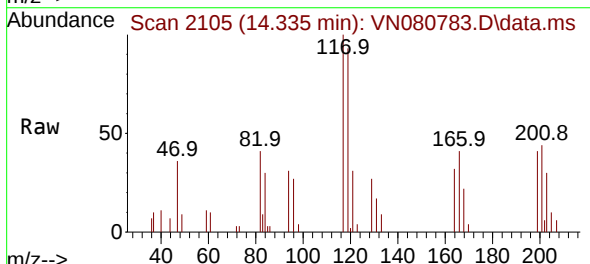
Manual Integrations
APPROVED

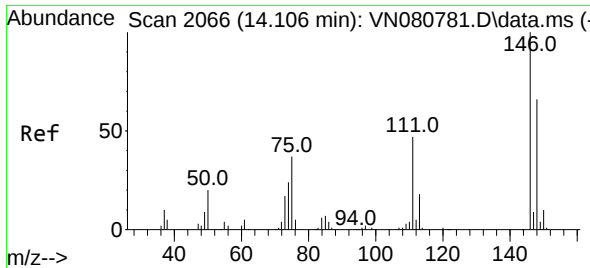
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#90
Hexachloroethane
Concen: 9.098 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

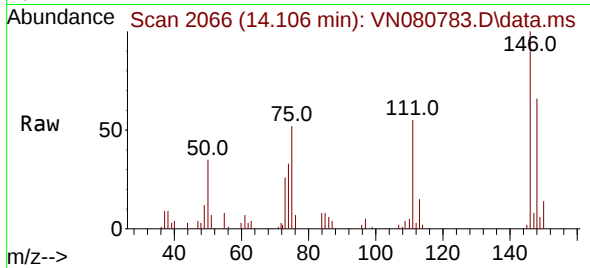
Tgt Ion:117 Resp: 10453
Ion Ratio Lower Upper
117 100
201 54.7 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 9.877 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

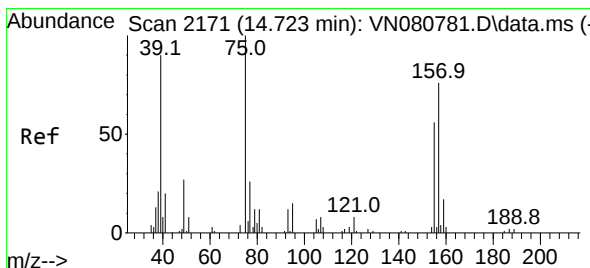
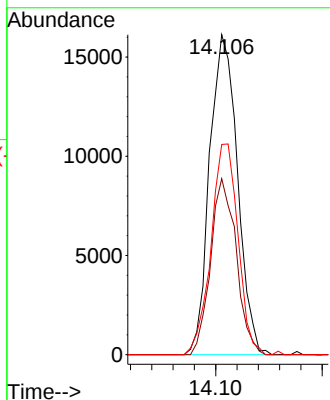
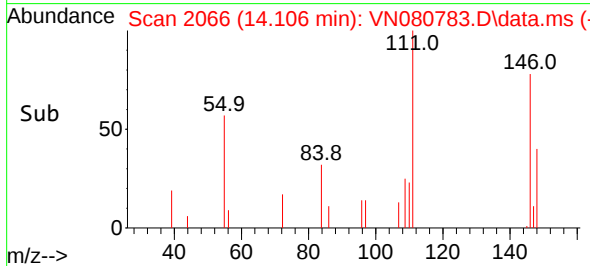
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:146 Resp: 2925
Ion Ratio Lower Upper
146 100
111 50.6 23.9 71.8
148 63.7 31.4 94.0

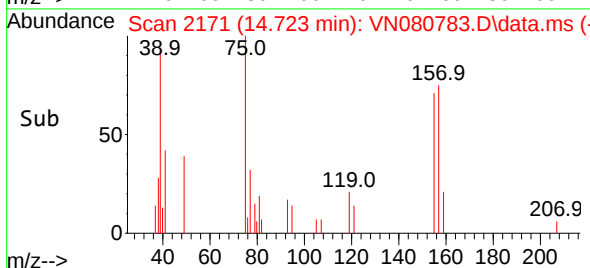
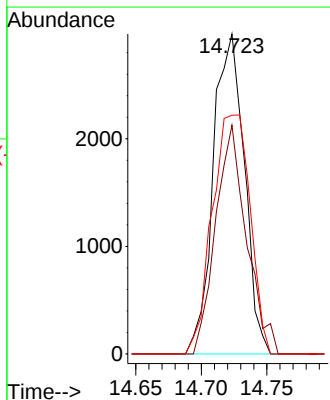
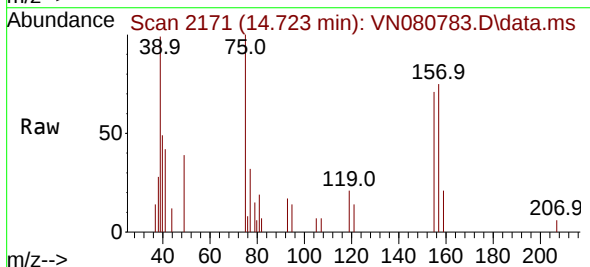
Manual Integrations
APPROVED

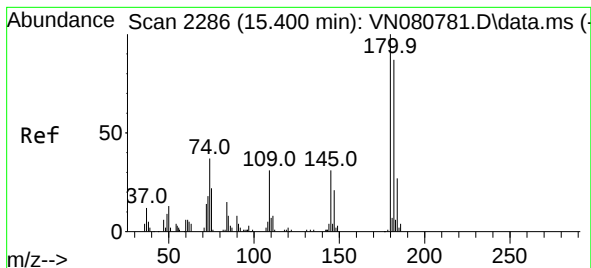
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.229 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

Tgt Ion: 75 Resp: 4892
Ion Ratio Lower Upper
75 100
155 71.4 31.8 95.4
157 91.2 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 8.822 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

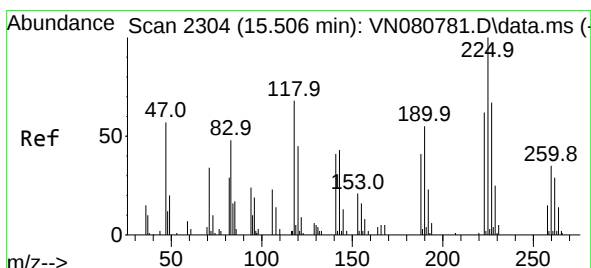
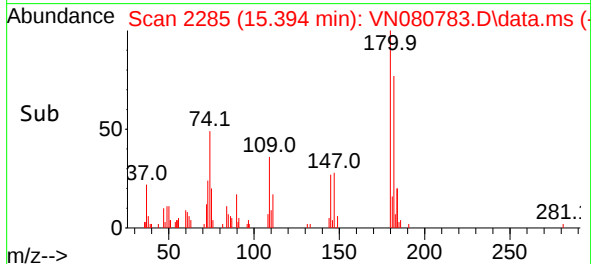
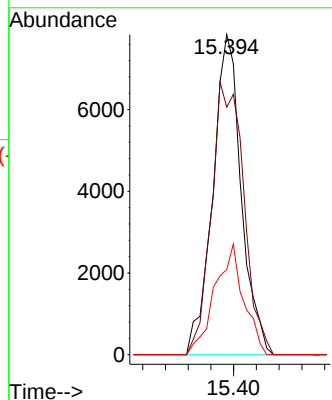
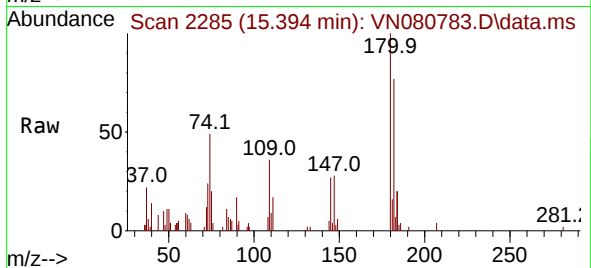
Tgt Ion:180	Resp:	1361
Ion Ratio	Lower	Upper
180	100	
182	96.5	46.6 139.7
145	35.0	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#94

Hexachlorobutadiene

Concen: 8.211 ug/l

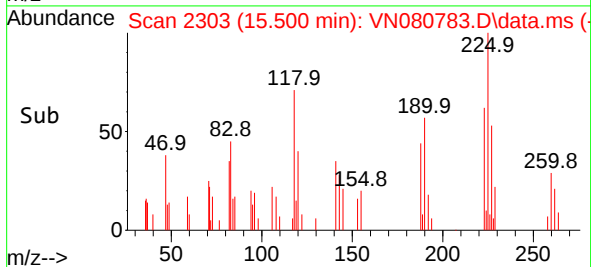
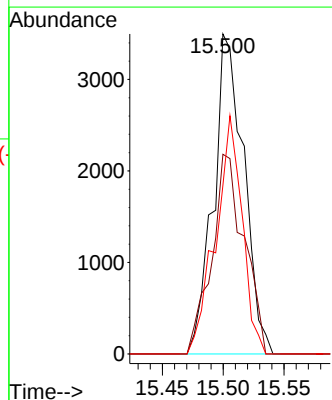
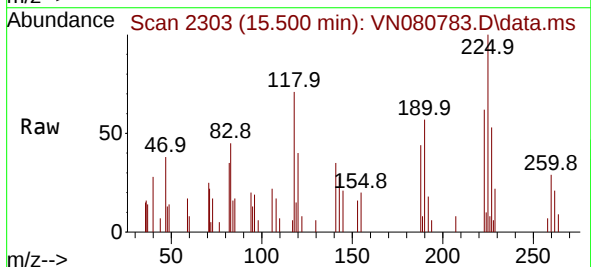
RT: 15.500 min Scan# 2303

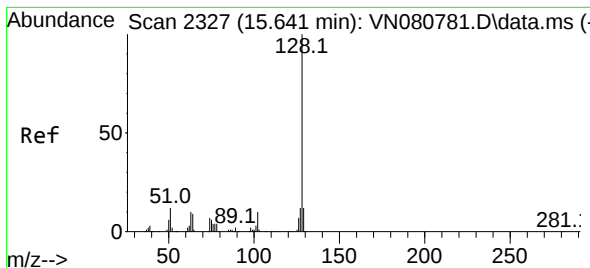
Delta R.T. -0.006 min

Lab File: VN080783.D

Acq: 29 Jan 2024 11:01

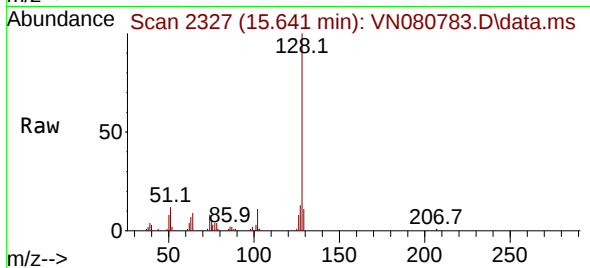
Tgt Ion:225	Resp:	6080
Ion Ratio	Lower	Upper
225	100	
223	66.4	33.3 99.8
227	65.2	33.1 99.2





#95
Naphthalene
Concen: 9.324 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01

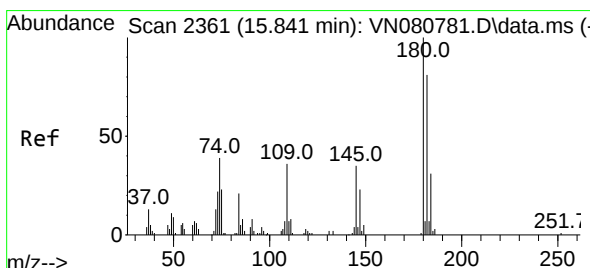
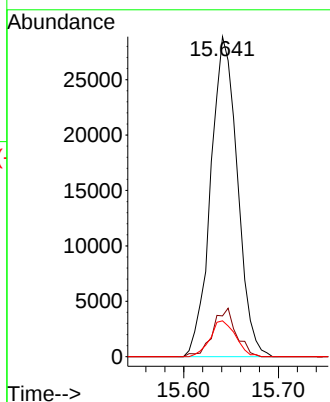
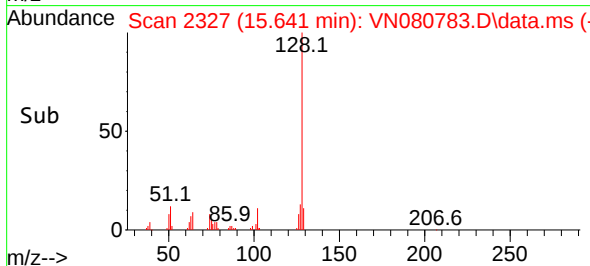
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



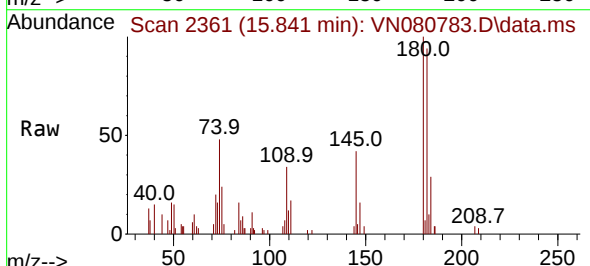
Tgt Ion:128 Resp: 56614
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#96
1,2,3-Trichlorobenzene
Concen: 9.814 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080783.D
Acq: 29 Jan 2024 11:01



Tgt Ion:180 Resp: 14657
Ion Ratio Lower Upper
180 100
182 90.6 46.5 139.3
145 37.7 17.8 53.4

