

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030524\
 Data File : VN081304.D
 Acq On : 05 Mar 2024 12:00
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 06 03:00:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 01:47:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/06/2024
 Supervised By : Mahesh Dadoda 03/06/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	340345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	604058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	561042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	274713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	490778	99.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 199.460%#			
35) Dibromofluoromethane	8.165	113	387144	104.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 209.220%#			
50) Toluene-d8	10.571	98	1453578	105.068	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 210.140%#			
62) 4-Bromofluorobenzene	12.853	95	542080	110.861	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 221.720%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	492731	109.213	ug/l	99
3) Chloromethane	2.359	50	438759	90.032	ug/l	98
4) Vinyl Chloride	2.512	62	479968	94.409	ug/l	95
5) Bromomethane	2.930	94	297561	87.635	ug/l	98
6) Chloroethane	3.106	64	322757	92.432	ug/l	98
7) Trichlorofluoromethane	3.489	101	733570	97.537	ug/l	94
8) Diethyl Ether	3.959	74	258538	97.572	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	408621	95.409	ug/l	92
10) Methyl Iodide	4.589	142	437598	111.652	ug/l	97
11) Tert butyl alcohol	5.524	59	385883	448.453	ug/l	100
12) 1,1-Dichloroethene	4.336	96	385497	97.193	ug/l	95
13) Acrolein	4.177	56	488221	479.161	ug/l	96
14) Allyl chloride	5.024	41	577357	98.086	ug/l #	89
15) Acrylonitrile	5.712	53	1060438	471.738	ug/l	97
16) Acetone	4.424	43	739581	424.184	ug/l	95
17) Carbon Disulfide	4.712	76	1086047	95.938	ug/l	97
18) Methyl Acetate	5.018	43	499398	100.042	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	1303929	96.932	ug/l	95
20) Methylene Chloride	5.271	84	428015	100.168	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	412175	92.173	ug/l	96
22) Diisopropyl ether	6.671	45	1321605	101.087	ug/l #	94
23) Vinyl Acetate	6.600	43	5421765	510.473	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	763201	95.363	ug/l	98
25) 2-Butanone	7.483	43	1337274	457.989	ug/l	96
26) 2,2-Dichloropropane	7.489	77	706741	99.917	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	475119	93.716	ug/l	91
28) Bromochloromethane	7.812	49	292145	85.312	ug/l #	70
29) Tetrahydrofuran	7.836	42	922634	463.387	ug/l #	88
30) Chloroform	7.965	83	803032	96.692	ug/l	98
31) Cyclohexane	8.259	56	696700	93.512	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	730103	99.456	ug/l	93
36) 1,1-Dichloropropene	8.371	75	613199	102.703	ug/l	96
37) Ethyl Acetate	7.559	43	572158	98.031	ug/l	100
38) Carbon Tetrachloride	8.365	117	632615	105.277	ug/l	97
39) Methylcyclohexane	9.606	83	747579	108.797	ug/l	87
40) Benzene	8.606	78	1770200	99.329	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	324154	98.348	ug/l	97
42) 1,2-Dichloroethane	8.671	62	627300	99.831	ug/l	100
43) Isopropyl Acetate	8.688	43	988823	96.796	ug/l	97
44) Trichloroethene	9.353	130	453083	100.802	ug/l	99
45) 1,2-Dichloropropane	9.624	63	442906	98.930	ug/l	98
46) Dibromomethane	9.712	93	316837	100.404	ug/l	93
47) Bromodichloromethane	9.888	83	647394	105.679	ug/l #	96
48) Methyl methacrylate	9.682	41	465354	103.057	ug/l	91
49) 1,4-Dioxane	9.700	88	193790	1947.120	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	3017470	508.707	ug/l	96
52) Toluene	10.629	92	1127907	104.769	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	730339	110.185	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	763192	106.660	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	435197	101.940	ug/l	94
56) Ethyl methacrylate	10.877	69	688952	112.387	ug/l	91
57) 1,3-Dichloropropane	11.165	76	759673	101.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1717209	520.757	ug/l #	89
59) 2-Hexanone	11.200	43	2270259	511.963	ug/l	96
60) Dibromochloromethane	11.359	129	470632	107.042	ug/l	99
61) 1,2-Dibromoethane	11.471	107	454840	102.682	ug/l	98
64) Tetrachloroethene	11.106	164	434989	99.020	ug/l	94
65) Chlorobenzene	11.894	112	1170455	99.002	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	433281	100.153	ug/l	97
67) Ethyl Benzene	11.965	91	2248262	105.570	ug/l	99
68) m/p-Xylenes	12.076	106	1690912	210.974	ug/l	98
69) o-Xylene	12.400	106	818857	105.420	ug/l	96
70) Styrene	12.412	104	1373664	111.595	ug/l	98
71) Bromoform	12.582	173	317926	105.853	ug/l #	97
73) Isopropylbenzene	12.700	105	2184599	98.481	ug/l	99
74) N-amyl acetate	12.494	43	936623	100.628	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	614133	89.708	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	589225m	88.568	ug/l	
77) Bromobenzene	12.982	156	466070	88.614	ug/l	82
78) n-propylbenzene	13.041	91	2693570	102.661	ug/l	98
79) 2-Chlorotoluene	13.129	91	1548366	96.545	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1859477	101.405	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	230500	99.140	ug/l #	79
82) 4-Chlorotoluene	13.223	91	1542272	97.360	ug/l	95
83) tert-Butylbenzene	13.441	119	1547477	98.435	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1888629	101.656	ug/l	98
85) sec-Butylbenzene	13.618	105	2336398	102.730	ug/l	95
86) p-Isopropyltoluene	13.729	119	1954452	107.158	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	930191	93.663	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	933490	94.041	ug/l	97
89) n-Butylbenzene	14.059	91	1839789	109.995	ug/l	97
90) Hexachloroethane	14.335	117	339087	106.190	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	897344	94.175	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	139855	95.466	ug/l	82
93) 1,2,4-Trichlorobenzene	15.400	180	542764	106.566	ug/l	98
94) Hexachlorobutadiene	15.500	225	209056	99.335	ug/l	97
95) Naphthalene	15.641	128	1918548	105.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	536990	103.965	ug/l	98

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ClientSampleId :
VSTDICC100

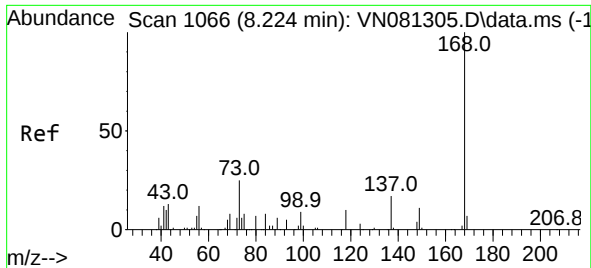
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/06/2024

Quant Time: Mar 06 03:00:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 01:47:06 2024
Response via : Initial Calibration

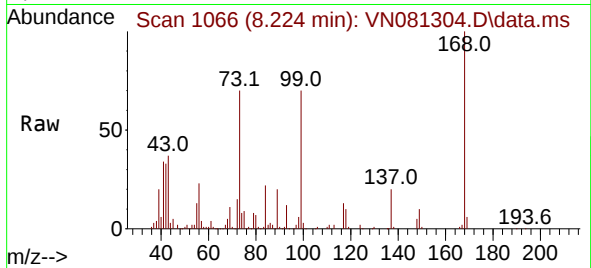
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

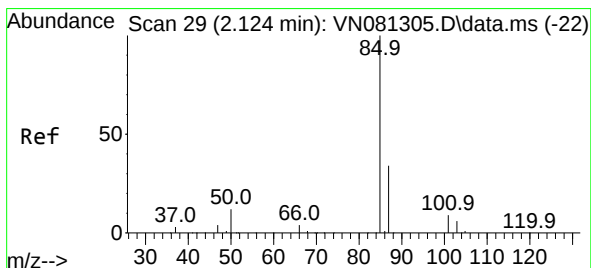
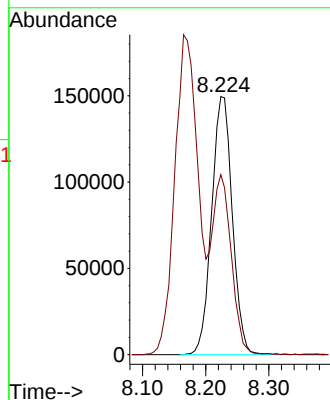
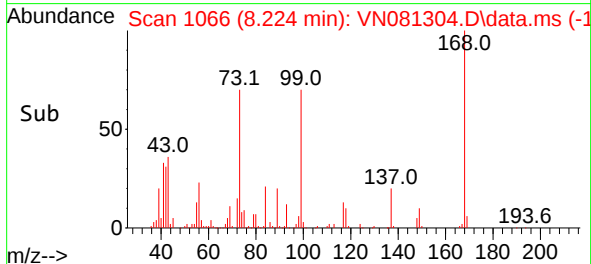
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 340345
Ion Ratio Lower Upper
168 100
99 69.6 59.9 89.9

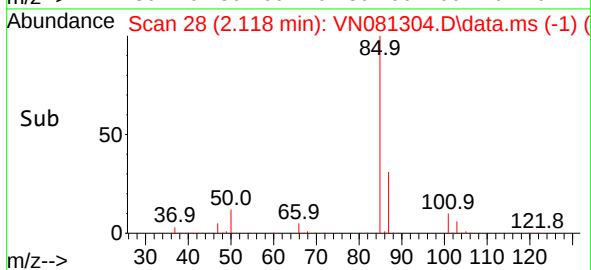
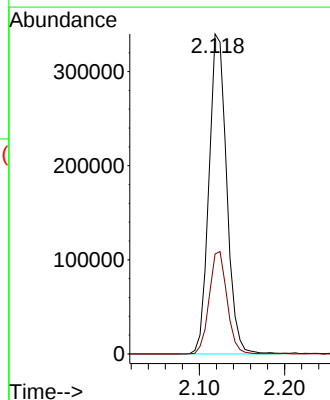
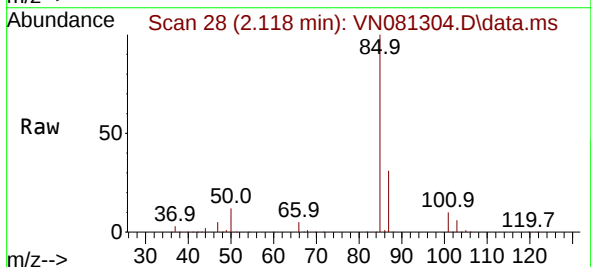
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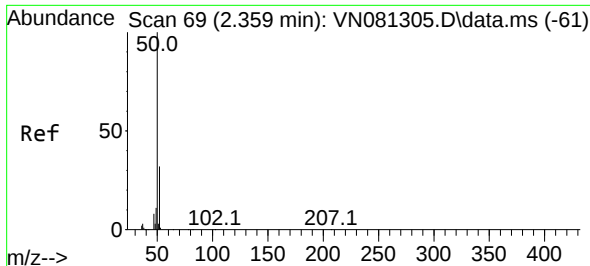
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#2
Dichlorodifluoromethane
Concen: 109.213 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Tgt Ion: 85 Resp: 492731
Ion Ratio Lower Upper
85 100
87 31.2 15.3 45.9





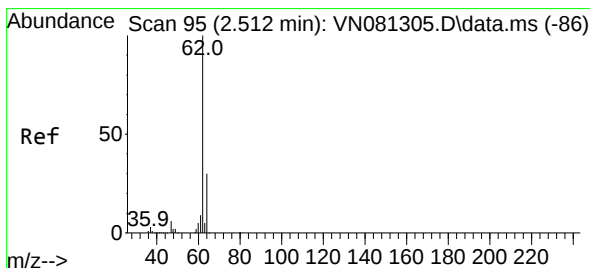
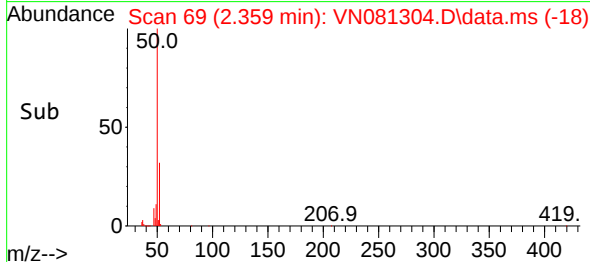
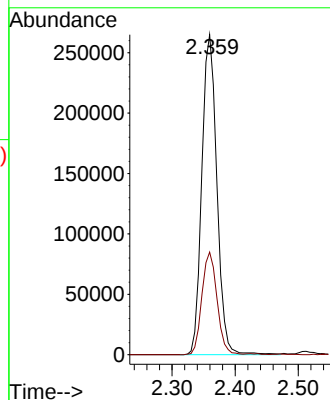
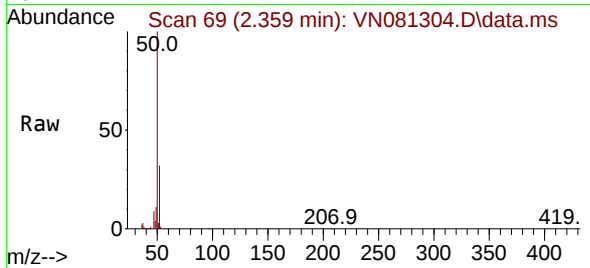
#3
Chloromethane
Concen: 90.032 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :
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ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 438759
Ion Ratio Lower Upper
50 100
52 32.1 25.0 37.4

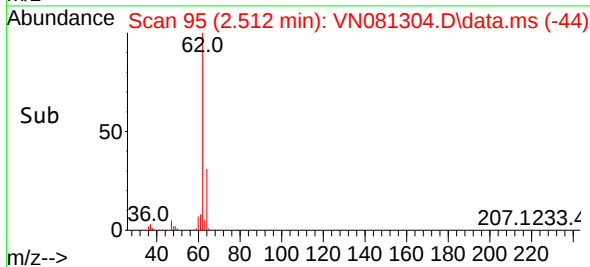
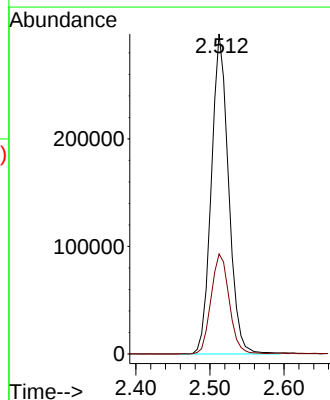
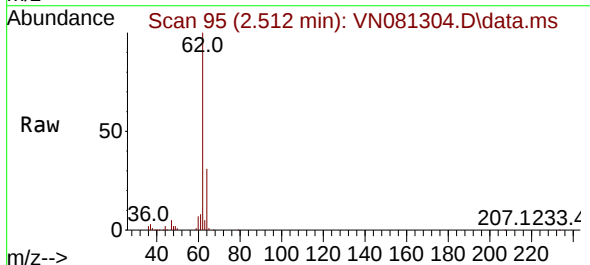
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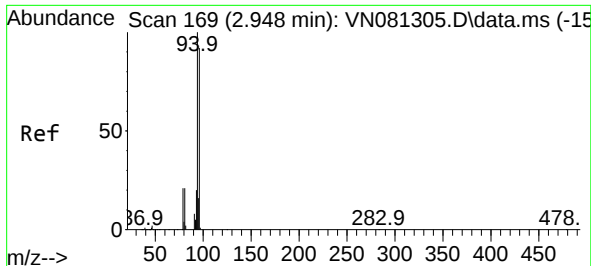
Reviewed By :John Carlone 03/06/2024
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#4
Vinyl Chloride
Concen: 94.409 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Tgt Ion: 62 Resp: 479968
Ion Ratio Lower Upper
62 100
64 31.2 22.7 34.1





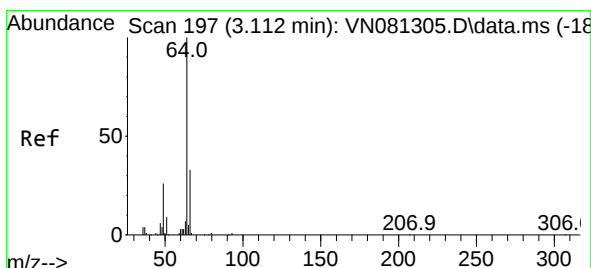
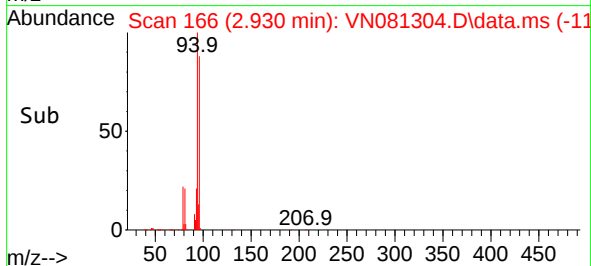
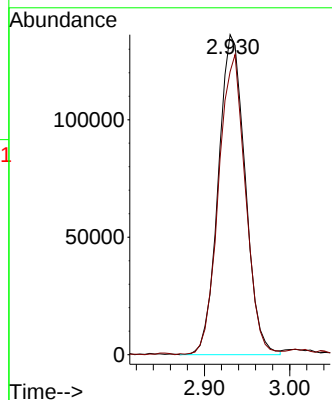
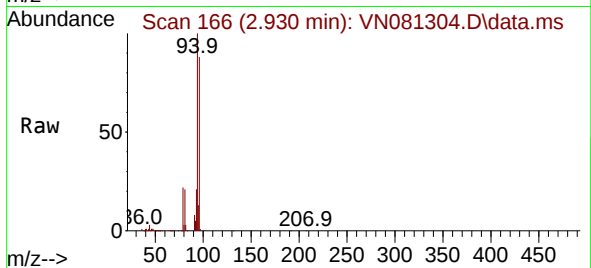
#5
Bromomethane
Concen: 87.635 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 29756
Ion Ratio Lower Upper
94 100
96 88.1 69.2 103.8

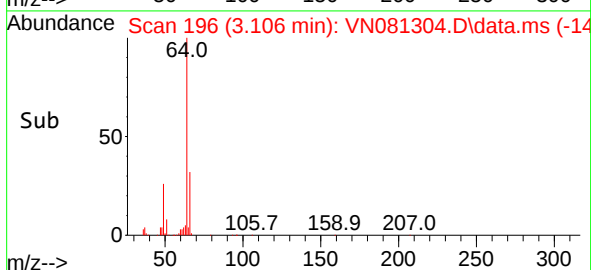
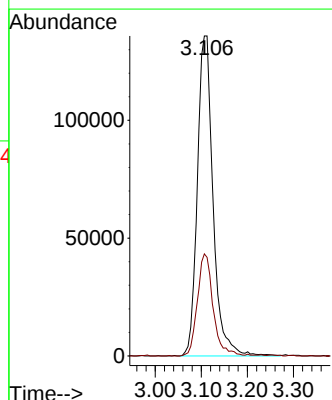
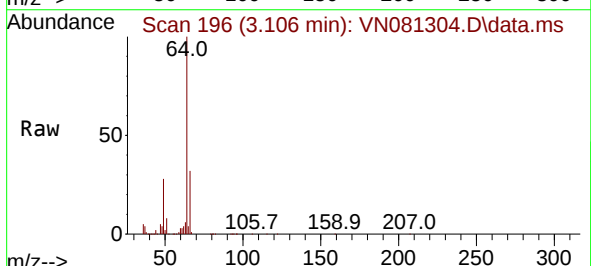
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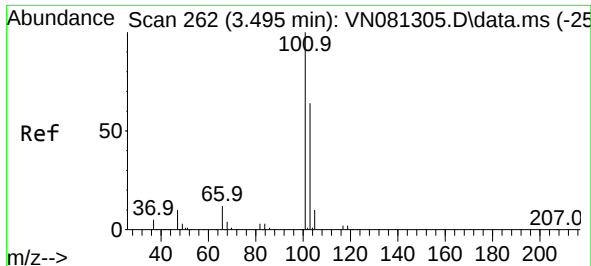
Reviewed By :John Carlone 03/06/2024
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#6
Chloroethane
Concen: 92.432 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Tgt Ion: 64 Resp: 322757
Ion Ratio Lower Upper
64 100
66 31.9 26.4 39.6





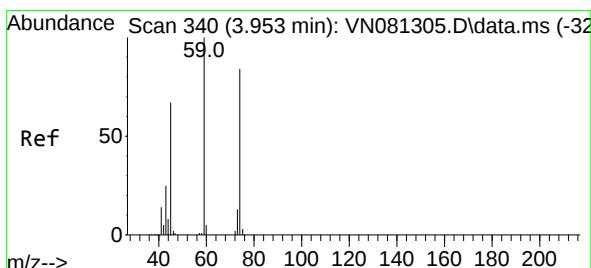
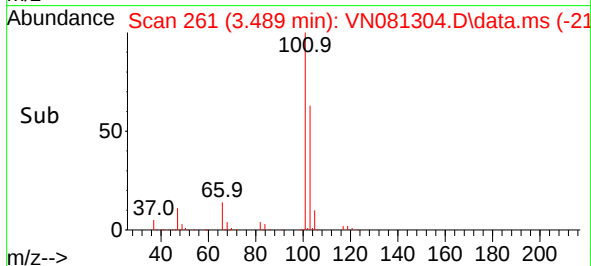
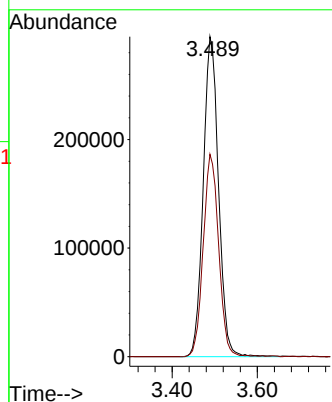
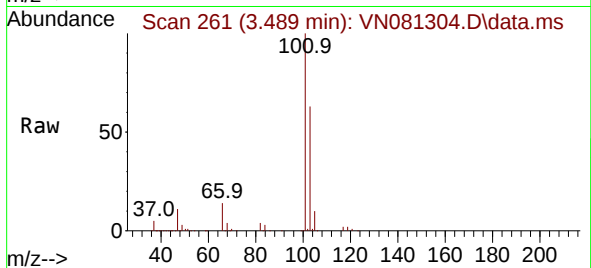
#7
Trichlorofluoromethane
Concen: 97.537 ug/l
RT: 3.489 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 733570
Ion Ratio Lower Upper
101 100
103 63.2 54.4 81.6

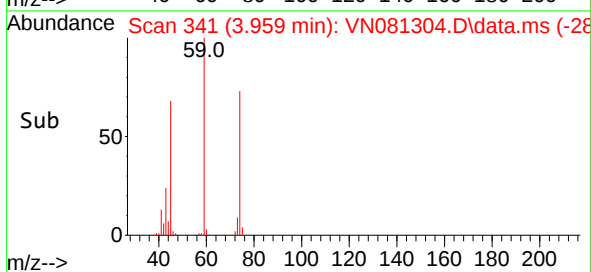
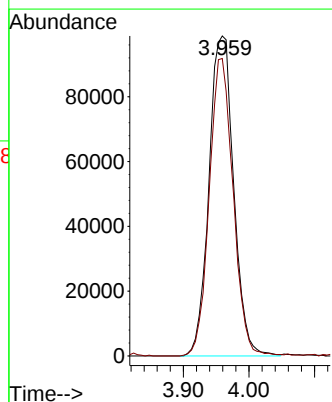
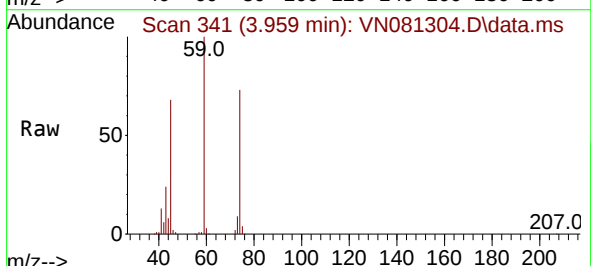
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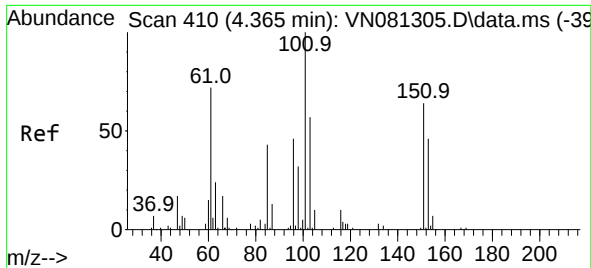
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#8
Diethyl Ether
Concen: 97.572 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Tgt Ion: 74 Resp: 258538
Ion Ratio Lower Upper
74 100
45 89.7 53.3 159.9





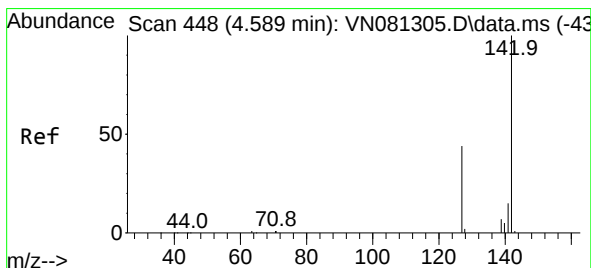
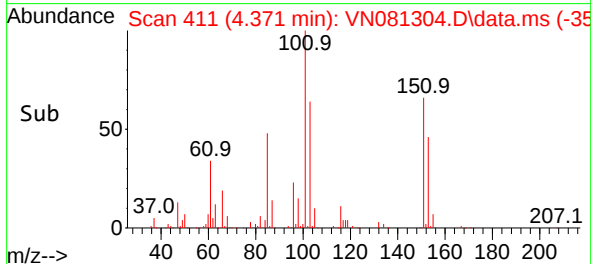
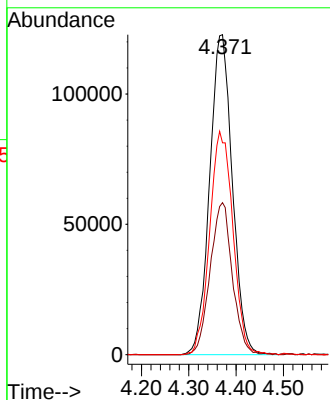
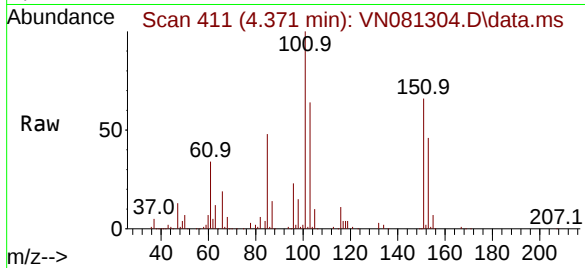
#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.409 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 40862
Ion Ratio Lower Upper
101 100
85 46.5 38.1 57.1
151 71.6 49.1 73.7

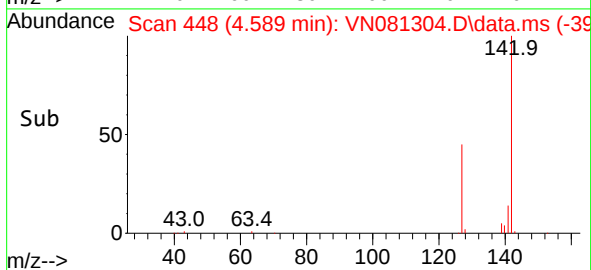
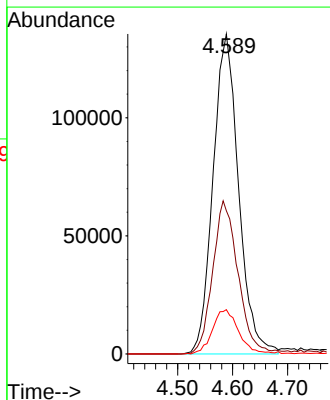
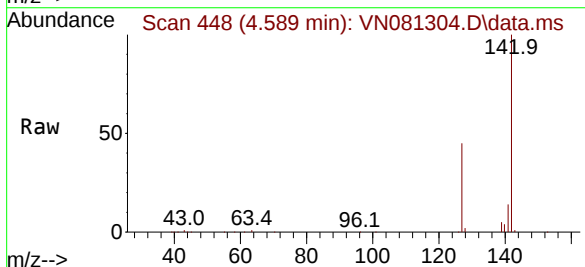
Manual Integrations
APPROVED

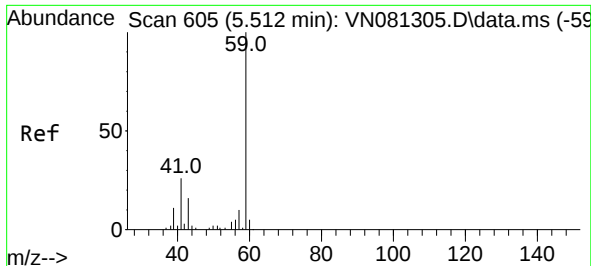
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#10
Methyl Iodide
Concen: 111.652 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

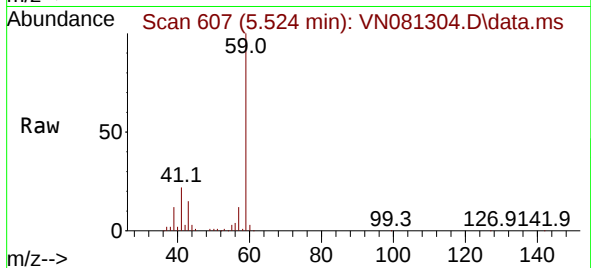
Tgt Ion:142 Resp: 437598
Ion Ratio Lower Upper
142 100
127 44.7 37.0 55.4
141 13.8 12.5 18.7





#11
Tert butyl alcohol
Concen: 448.453 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

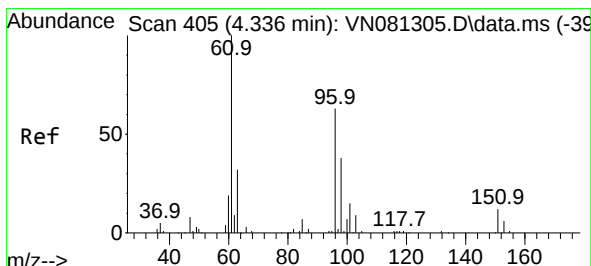
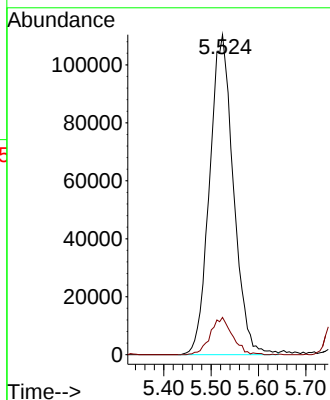
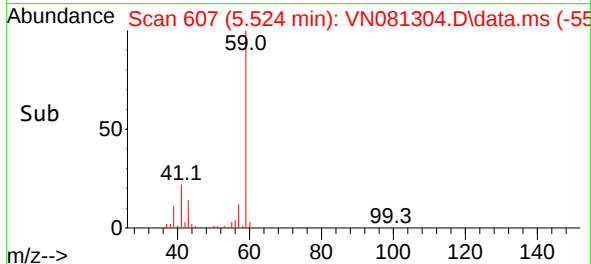
Instrument :
MSVOA_N
Client SampleId :
VSTDICC100



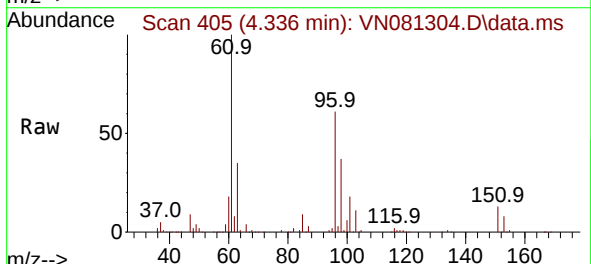
Tgt Ion: 59 Resp: 38588
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

Manual Integrations
APPROVED

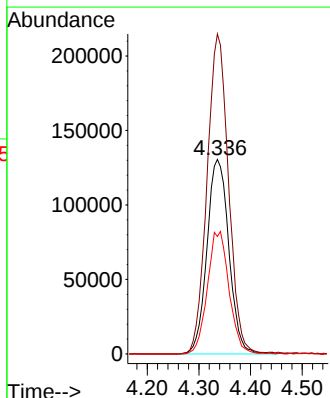
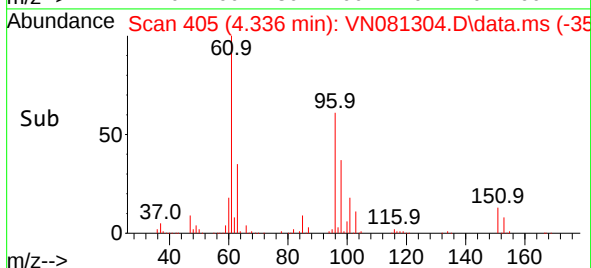
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

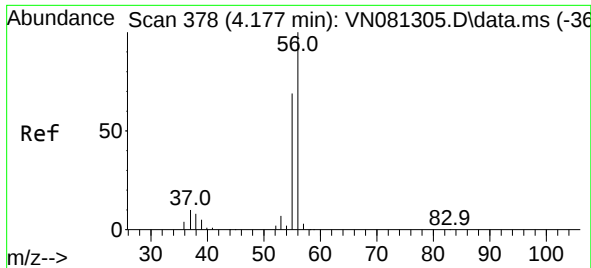


#12
1,1-Dichloroethene
Concen: 97.193 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00



Tgt Ion: 96 Resp: 385497
Ion Ratio Lower Upper
96 100
61 164.5 138.2 207.4
98 60.3 49.2 73.8





#13

Acrolein

Concen: 479.161 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 48822

Ion Ratio Lower Upper

56 100

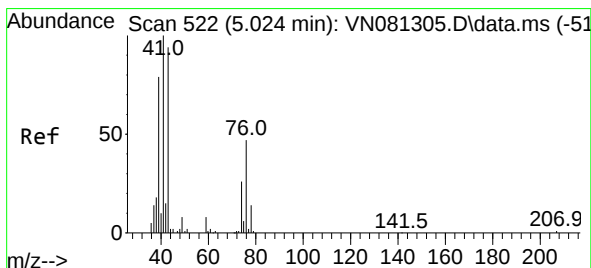
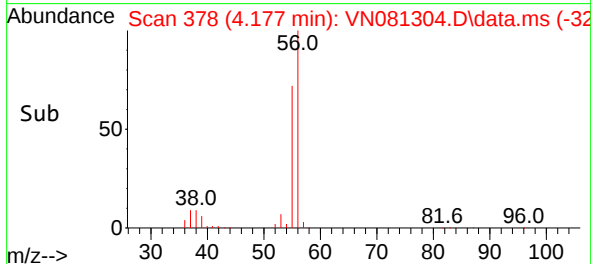
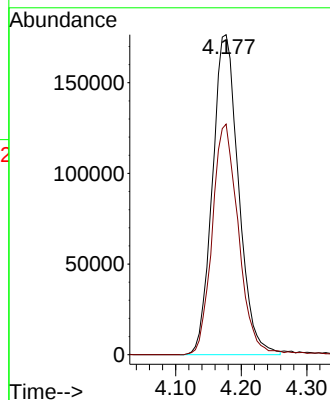
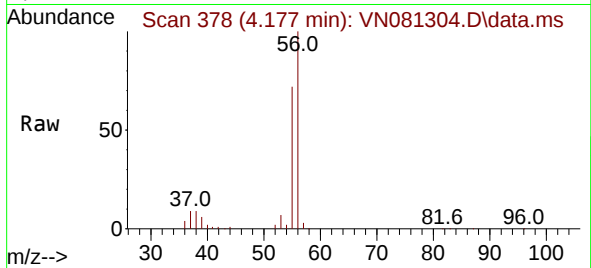
55 72.6 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#14

Allyl chloride

Concen: 98.086 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

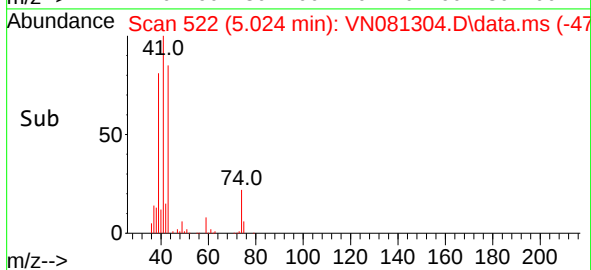
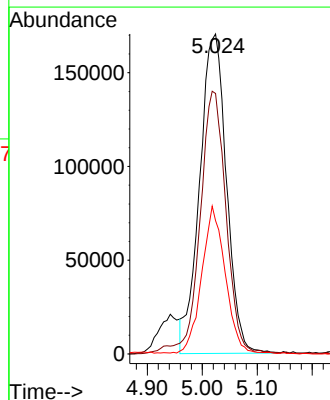
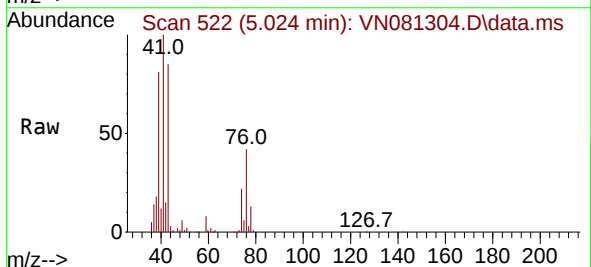
Tgt Ion: 41 Resp: 577357

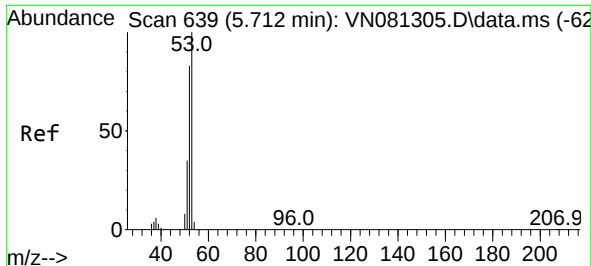
Ion Ratio Lower Upper

41 100

39 80.3 57.7 86.5

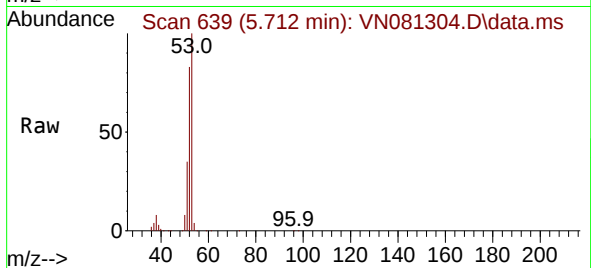
76 40.5 26.8 40.2#





#15
Acrylonitrile
Concen: 471.738 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

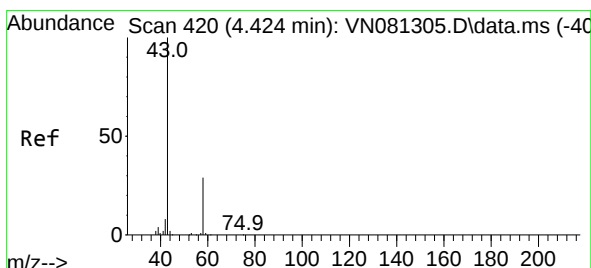
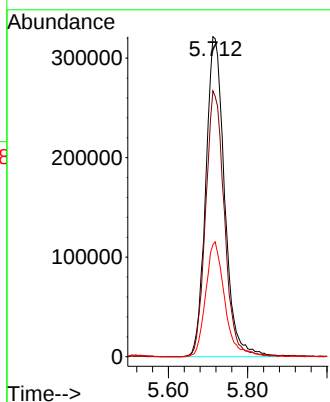
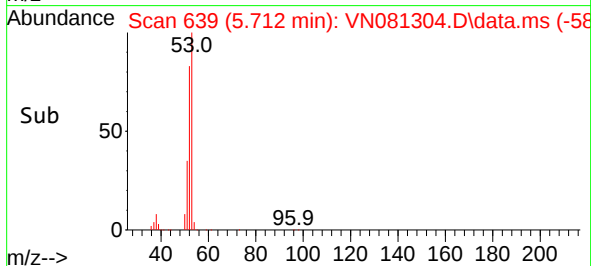
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 1060438
Ion Ratio Lower Upper
53 100
52 82.8 64.8 97.2
51 36.6 26.9 40.3

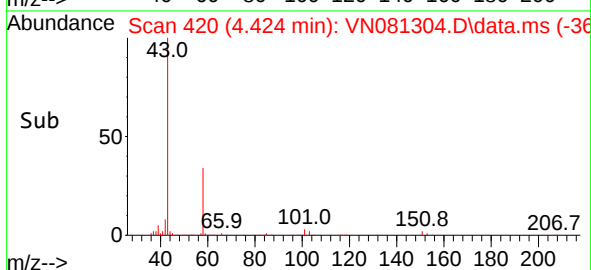
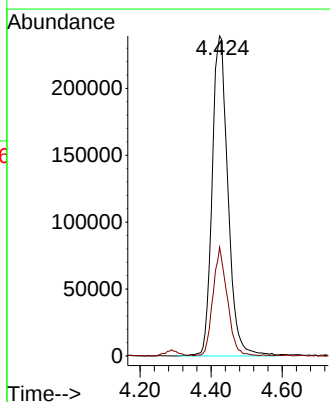
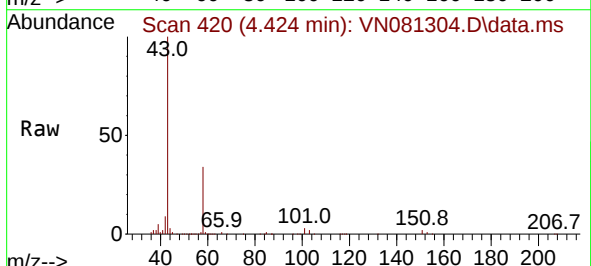
Manual Integrations
APPROVED

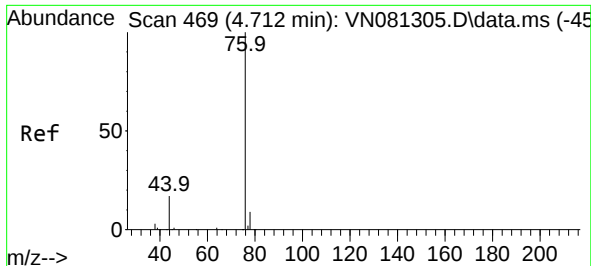
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#16
Acetone
Concen: 424.184 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

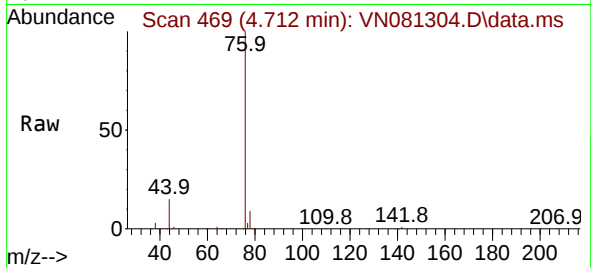
Tgt Ion: 43 Resp: 739581
Ion Ratio Lower Upper
43 100
58 33.7 24.8 37.2





#17
Carbon Disulfide
Concen: 95.938 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

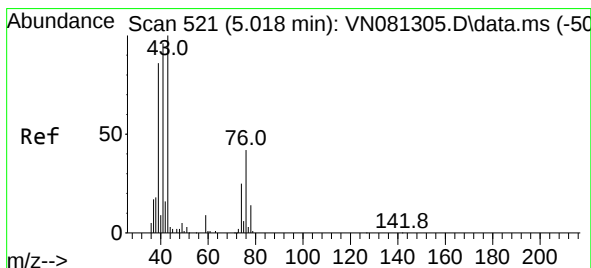
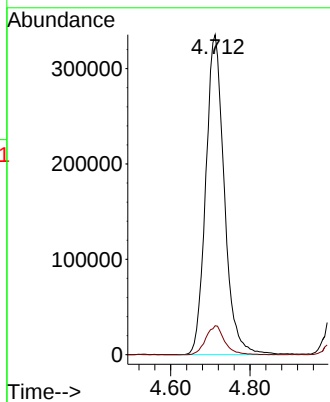
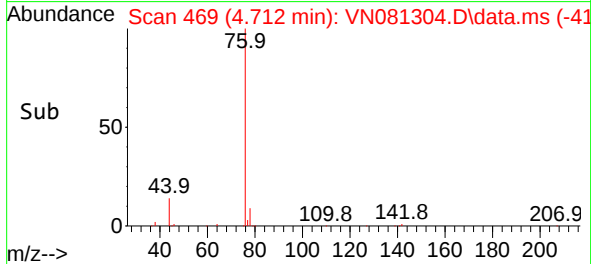
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 108604
Ion Ratio Lower Upper
76 100
78 9.1 6.3 9.5

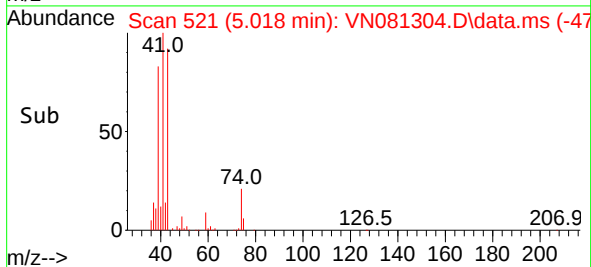
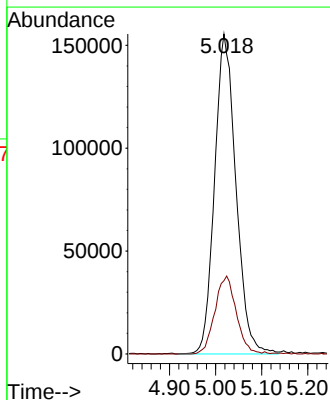
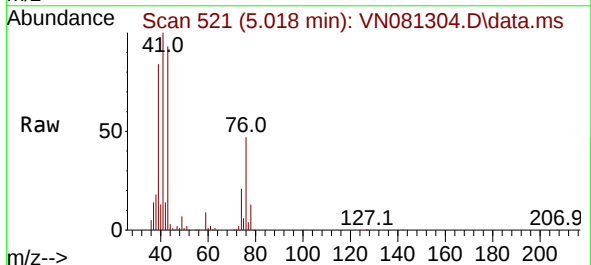
Manual Integrations
APPROVED

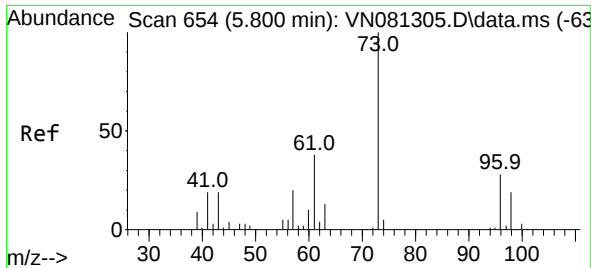
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#18
Methyl Acetate
Concen: 100.042 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Tgt Ion: 43 Resp: 499398
Ion Ratio Lower Upper
43 100
74 24.4 17.3 25.9





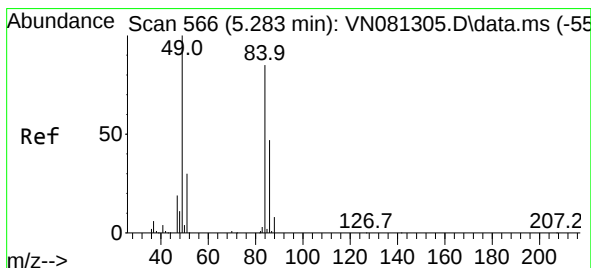
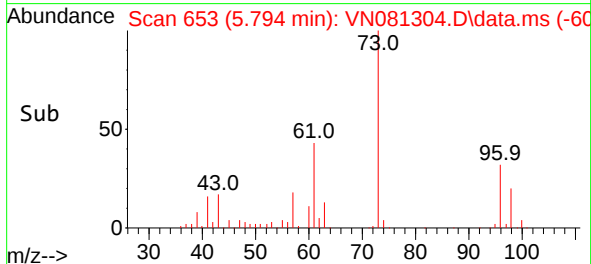
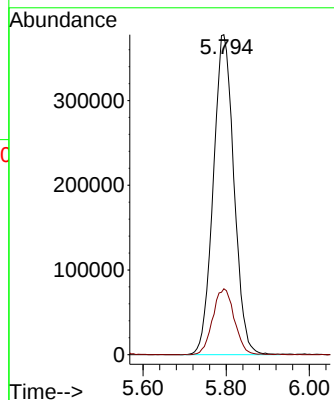
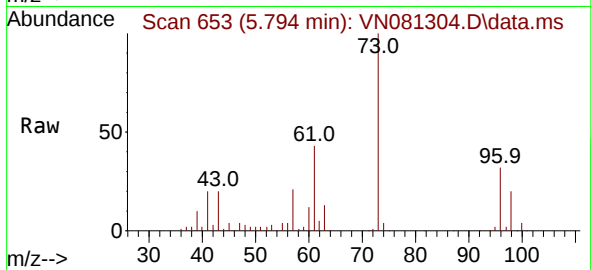
#19
Methyl tert-butyl Ether
Concen: 96.932 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 1303929
Ion Ratio Lower Upper
73 100
57 20.6 18.2 27.4

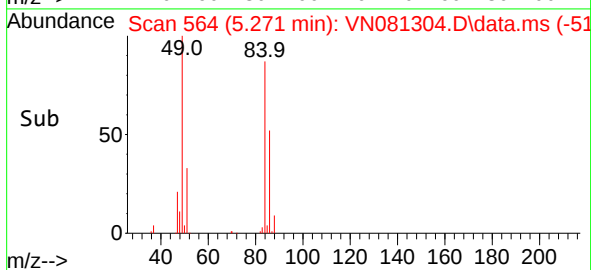
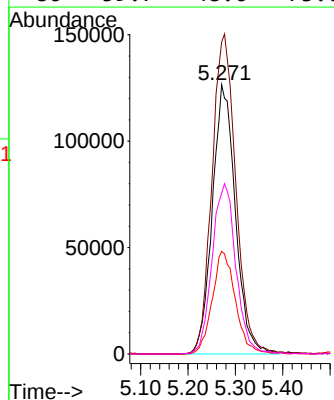
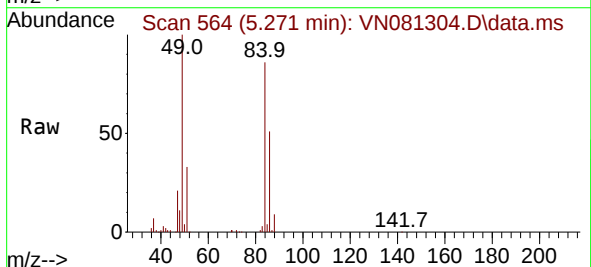
Manual Integrations
APPROVED

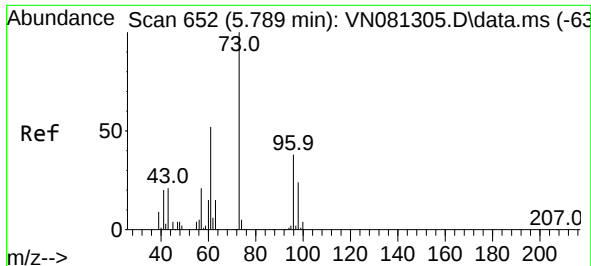
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#20
Methylene Chloride
Concen: 100.168 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

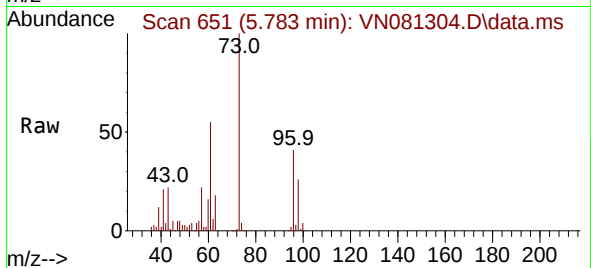
Tgt Ion: 84 Resp: 428015
Ion Ratio Lower Upper
84 100
49 115.9 108.1 162.1
51 38.1 32.9 49.3
86 59.7 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 92.173 ug/l
RT: 5.783 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

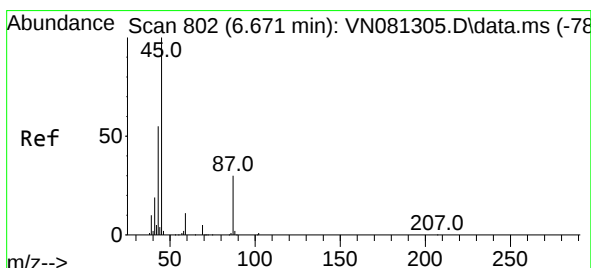
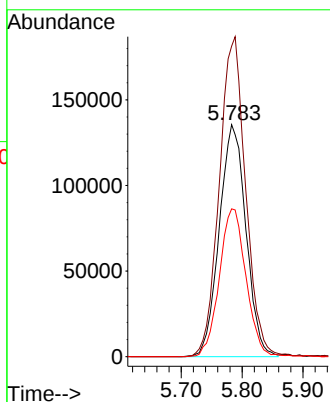
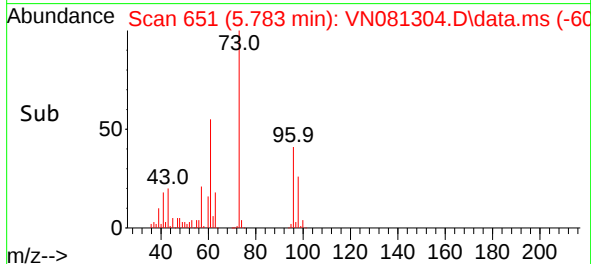
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 412175
Ion Ratio Lower Upper
96 100
61 133.9 112.8 169.2
98 63.7 51.0 76.4

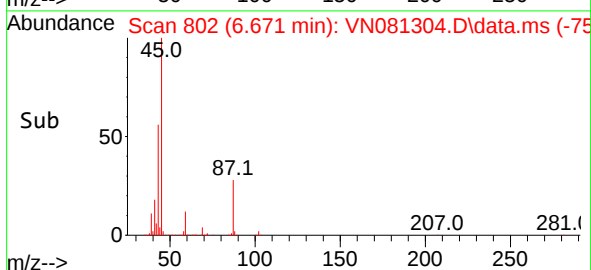
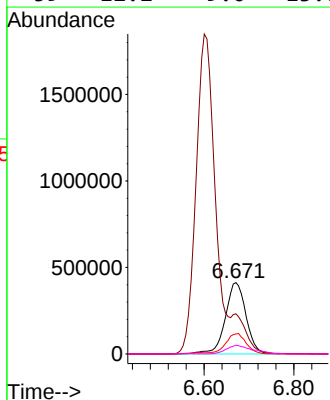
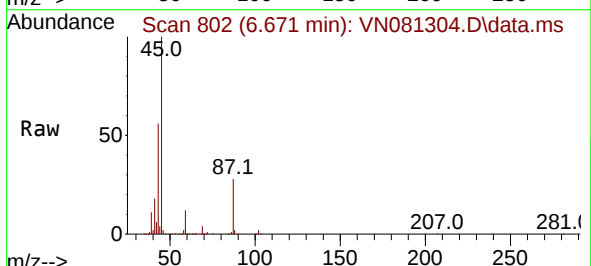
Manual Integrations
APPROVED

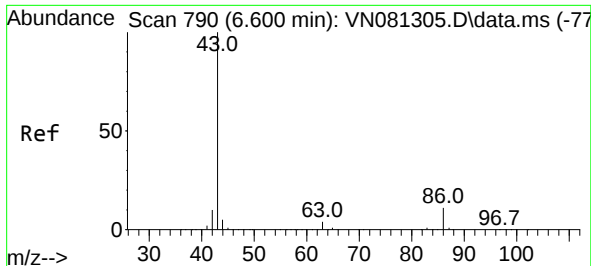
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#22
Diisopropyl ether
Concen: 101.087 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Tgt Ion: 45 Resp: 1321605
Ion Ratio Lower Upper
45 100
43 55.4 41.8 62.8
87 28.0 18.1 27.1#
59 12.2 9.0 13.6





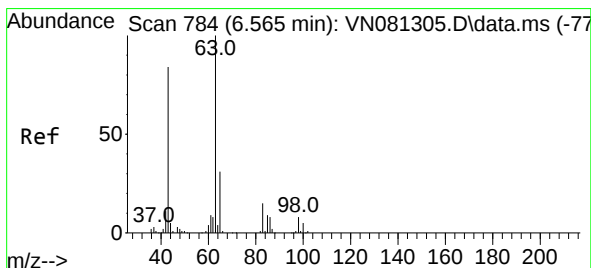
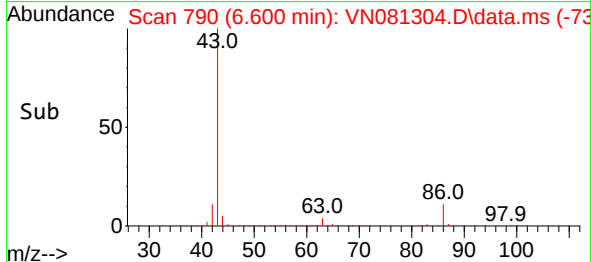
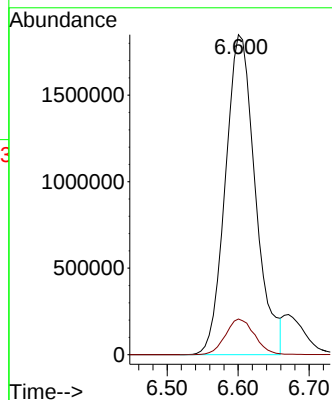
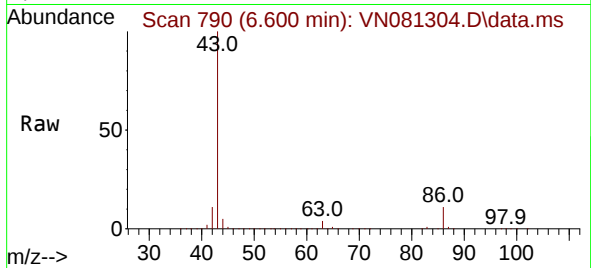
#23
 Vinyl Acetate
 Concen: 510.473 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081304.D
 Acq: 05 Mar 2024 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Tgt Ion: 43 Resp: 542176
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7

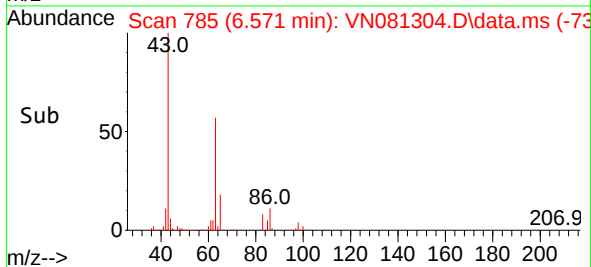
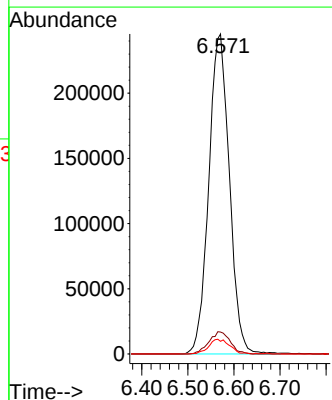
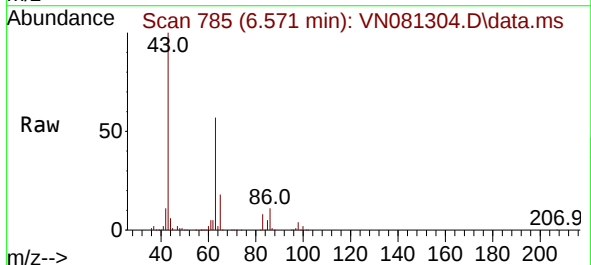
Manual Integrations
 APPROVED

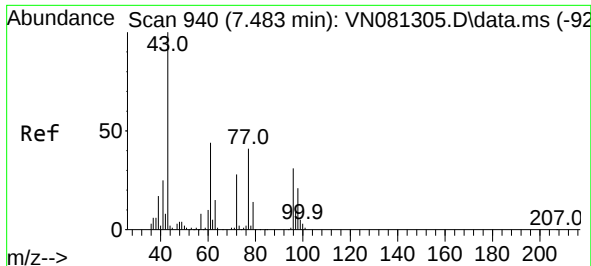
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#24
 1,1-Dichloroethane
 Concen: 95.363 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081304.D
 Acq: 05 Mar 2024 12:00

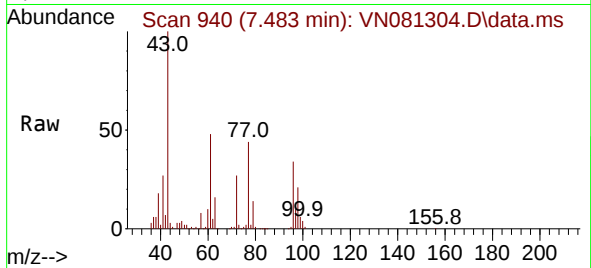
Tgt Ion: 63 Resp: 763201
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.6
 100 4.0 1.9 5.7





#25
2-Butanone
Concen: 457.989 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

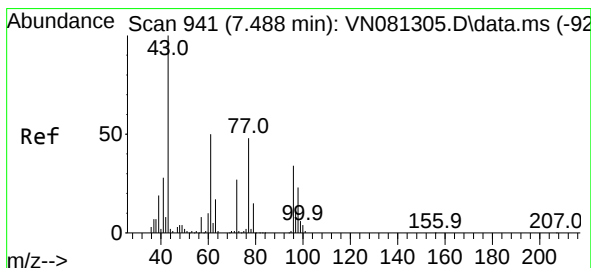
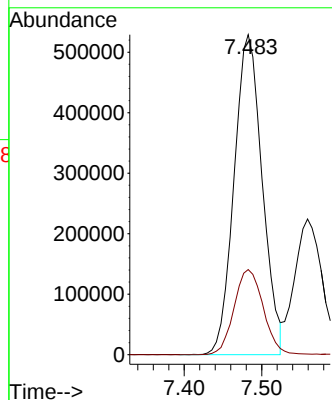
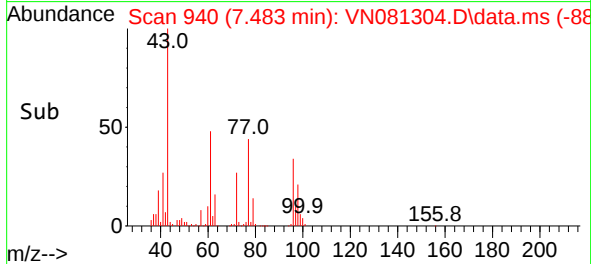
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



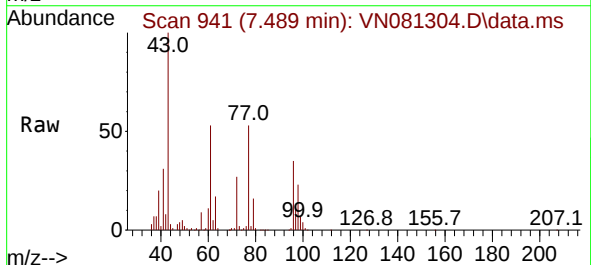
Tgt Ion: 43 Resp: 1337274
Ion Ratio Lower Upper
43 100
72 26.6 19.5 29.3

Manual Integrations
APPROVED

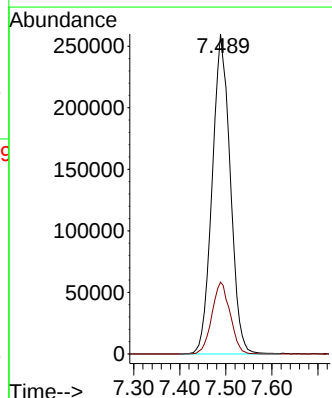
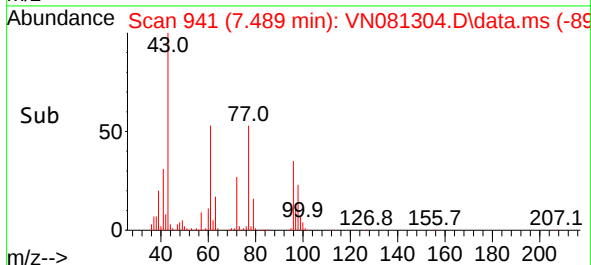
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

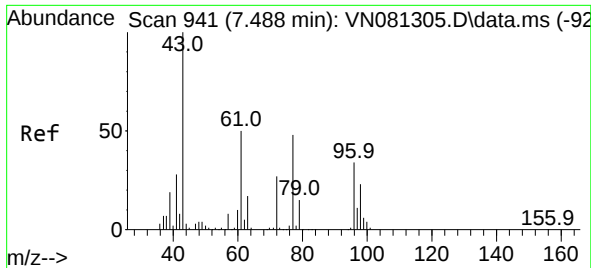


#26
2,2-Dichloropropane
Concen: 99.917 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00



Tgt Ion: 77 Resp: 706741
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5





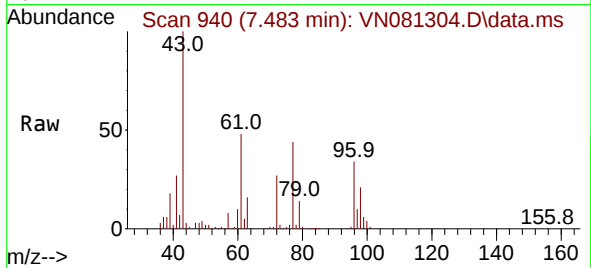
#27
cis-1,2-Dichloroethene
Concen: 93.716 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



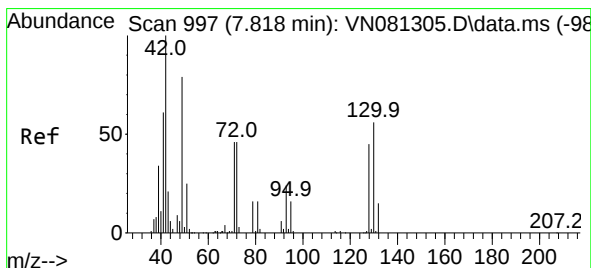
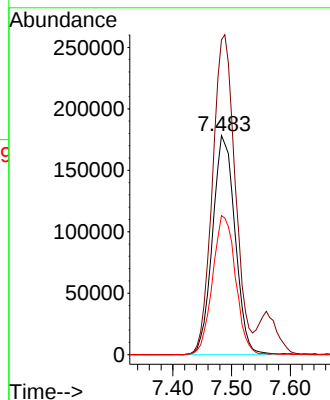
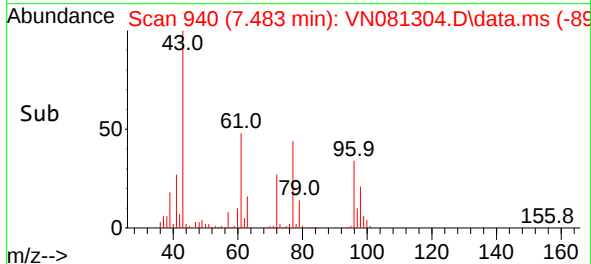
Tgt Ion: 96 Resp: 475119
Ion Ratio Lower Upper
96 100
61 146.9 0.0 325.4
98 64.8 0.0 130.4

Manual Integrations

APPROVED

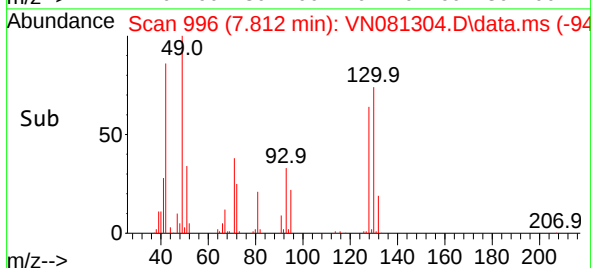
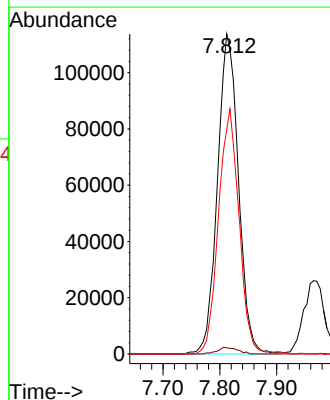
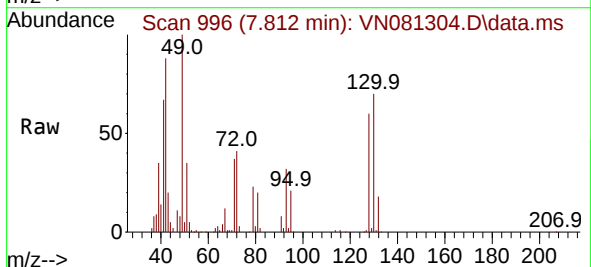
Reviewed By :John Carlone 03/06/2024

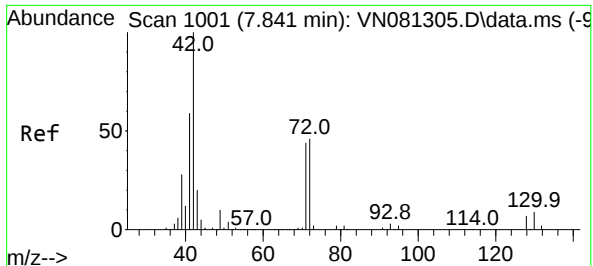
Supervised By :Mahesh Dadoda 03/06/2024



#28
Bromochloromethane
Concen: 85.312 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Tgt Ion: 49 Resp: 292145
Ion Ratio Lower Upper
49 100
129 2.0 0.0 1.6#
130 74.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 463.387 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 922634

Ion Ratio Lower Upper

42 100

72 46.1 31.1 46.7

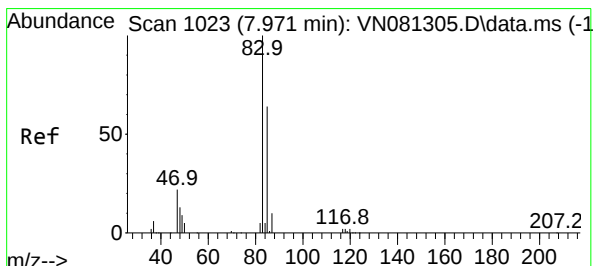
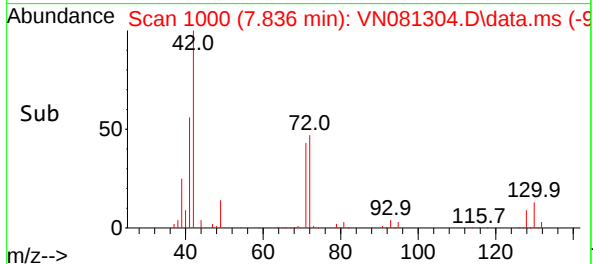
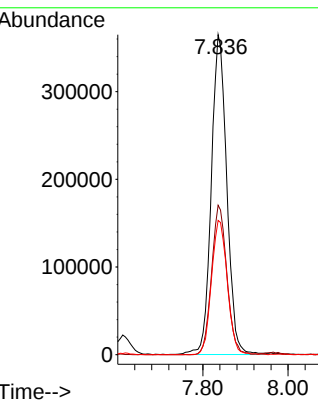
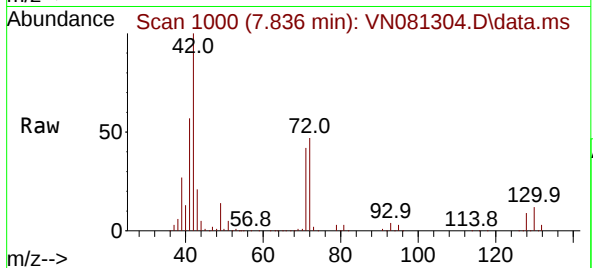
71 42.7 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#30

Chloroform

Concen: 96.692 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081304.D

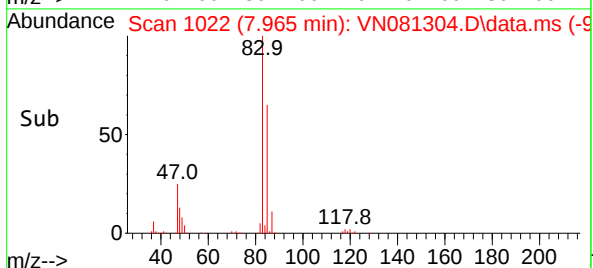
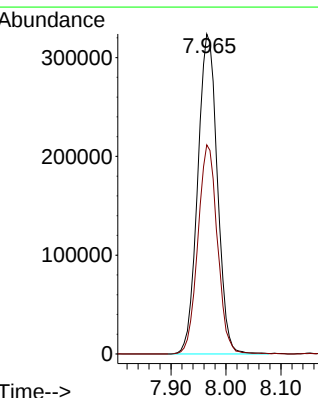
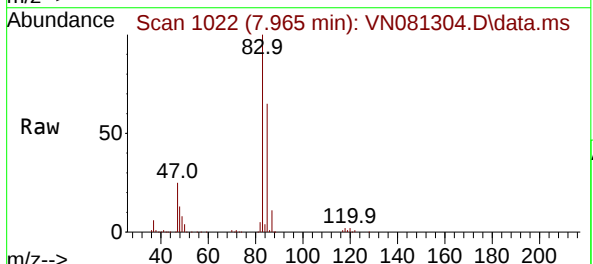
Acq: 05 Mar 2024 12:00

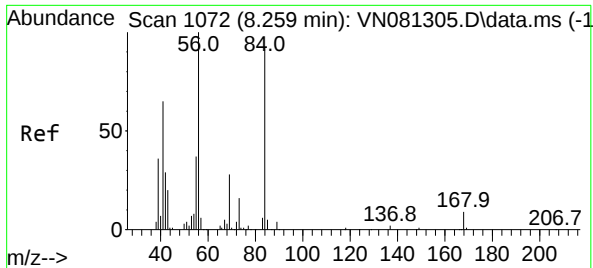
Tgt Ion: 83 Resp: 803032

Ion Ratio Lower Upper

83 100

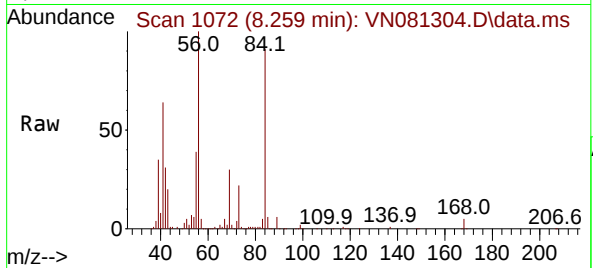
85 65.3 51.0 76.6





#31
Cyclohexane
Concen: 93.512 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

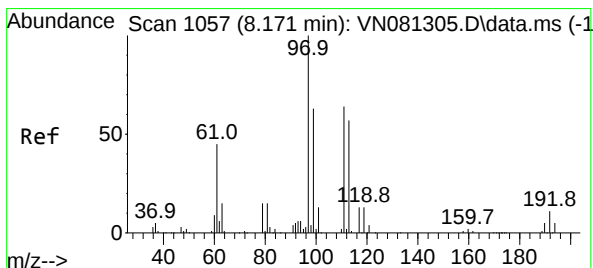
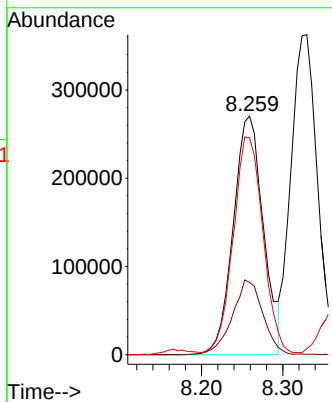
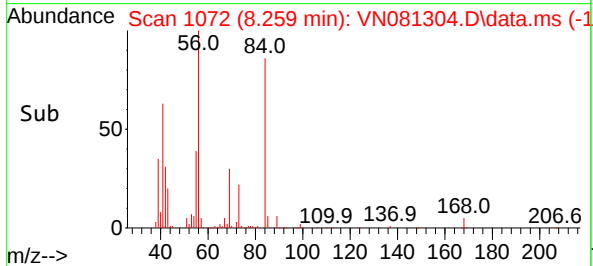
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



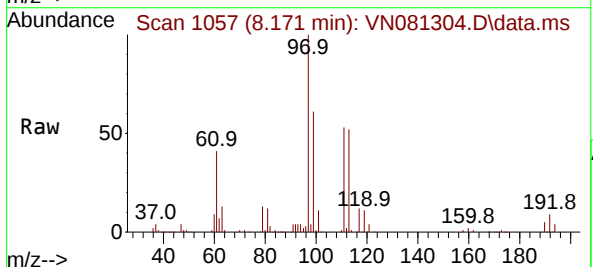
Tgt Ion: 56 Resp: 696700
Ion Ratio Lower Upper
56 100
69 30.3 20.1 30.1
84 89.3 56.9 85.3

Manual Integrations
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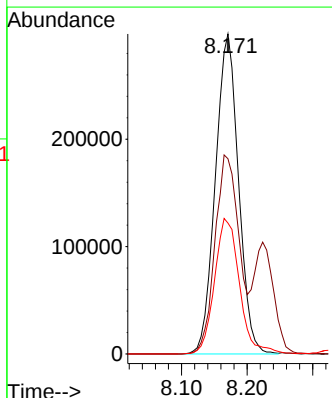
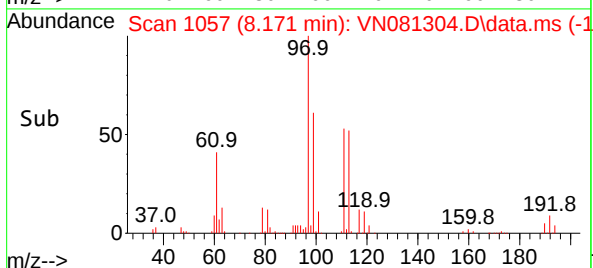
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

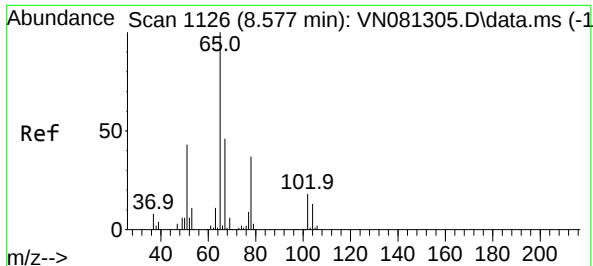


#32
1,1,1-Trichloroethane
Concen: 99.456 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00



Tgt Ion: 97 Resp: 730103
Ion Ratio Lower Upper
97 100
99 64.5 53.4 80.0
61 45.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 99.731 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 490778

Ion Ratio Lower Upper

65 100

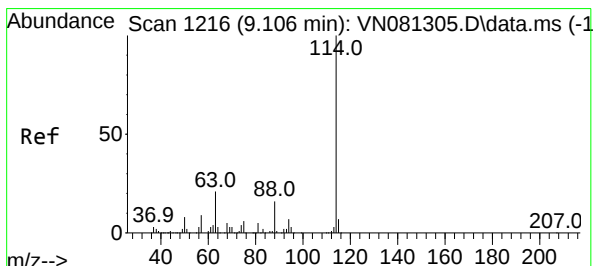
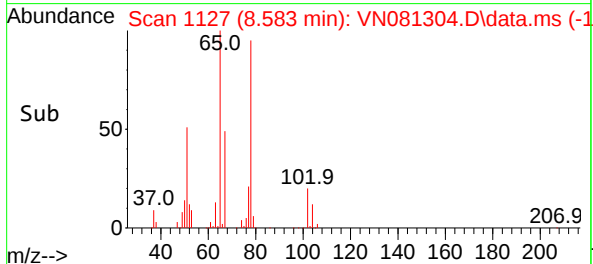
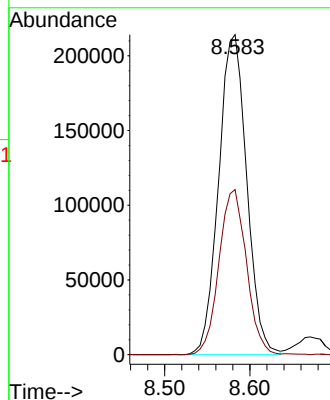
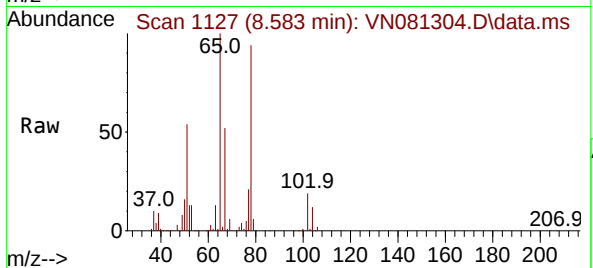
67 50.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

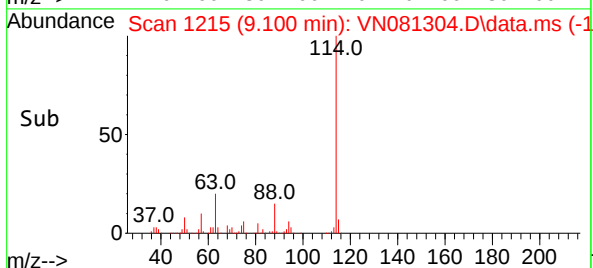
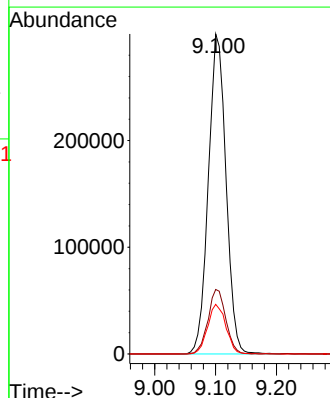
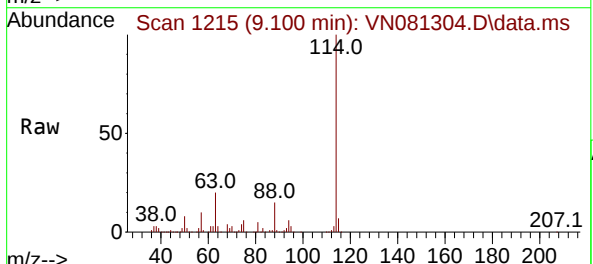
Tgt Ion:114 Resp: 604058

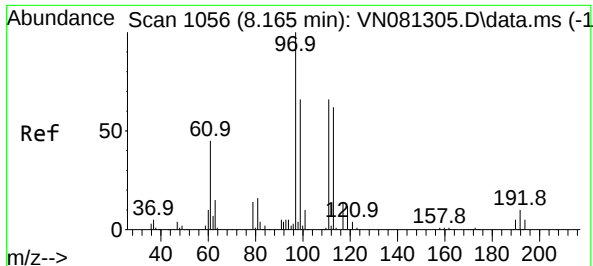
Ion Ratio Lower Upper

114 100

63 20.2 0.0 48.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 104.609 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 113 Resp: 38714

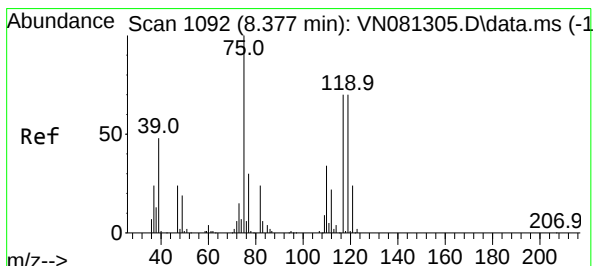
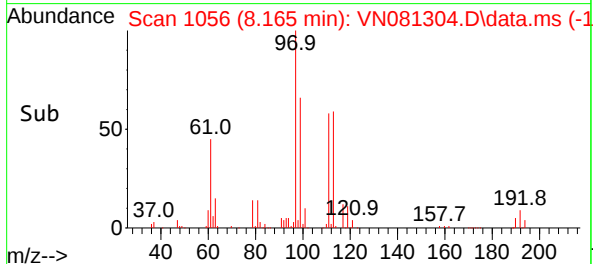
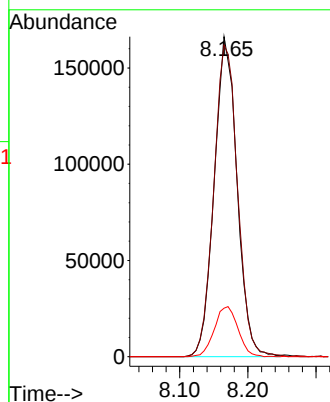
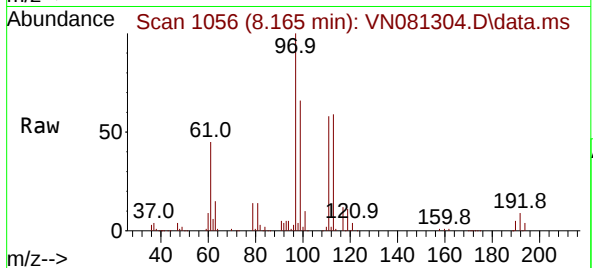
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	16.3	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#36

1,1-Dichloropropene

Concen: 102.703 ug/l

RT: 8.371 min Scan# 1091

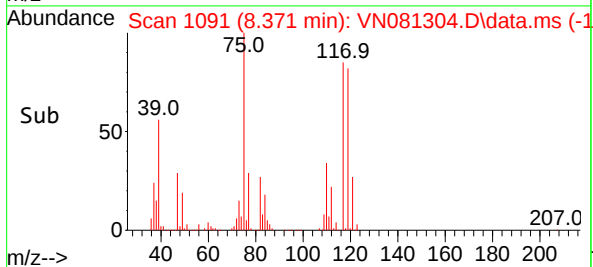
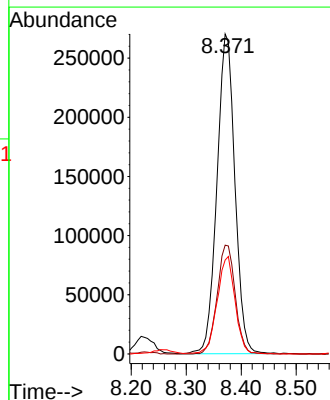
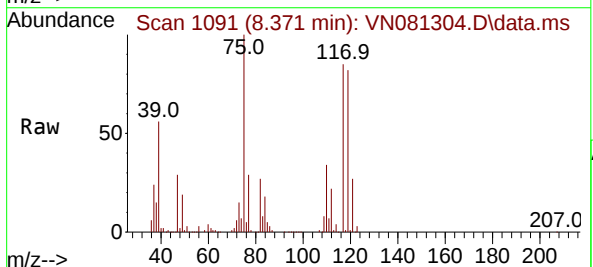
Delta R.T. -0.006 min

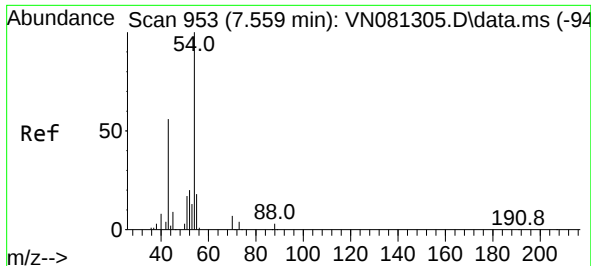
Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

Tgt Ion: 75 Resp: 613199

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.0	48.0
77	30.5	25.8	38.6





#37

Ethyl Acetate

Concen: 98.031 ug/l

RT: 7.559 min Scan# 9

Delta R.T. 0.000 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 57215

Ion Ratio Lower Upper

43 100

61 13.3 10.6 15.8

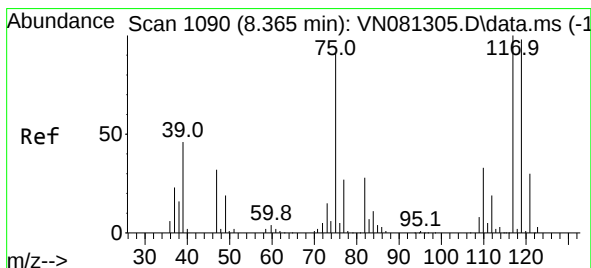
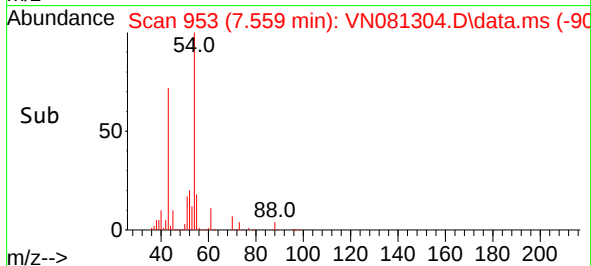
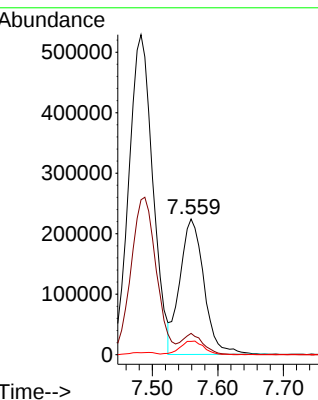
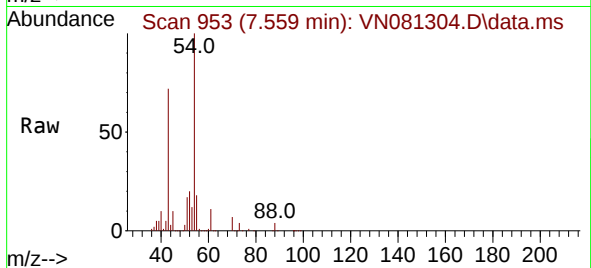
70 10.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#38

Carbon Tetrachloride

Concen: 105.277 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

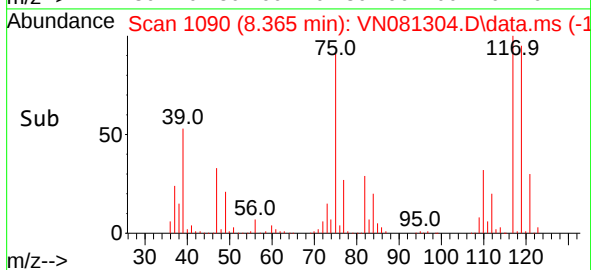
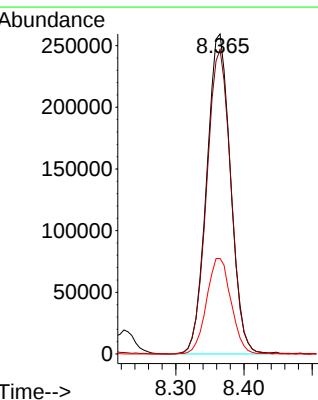
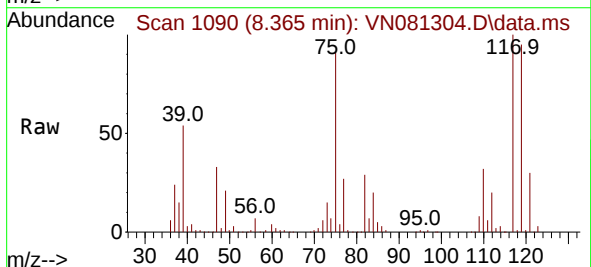
Tgt Ion:117 Resp: 632615

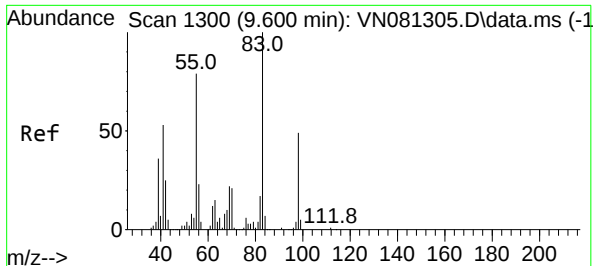
Ion Ratio Lower Upper

117 100

119 95.2 73.4 110.2

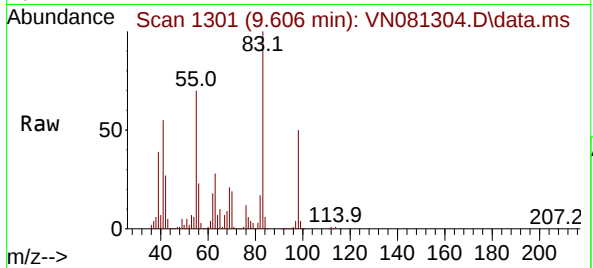
121 29.9 24.4 36.6





#39
Methylcyclohexane
Concen: 108.797 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

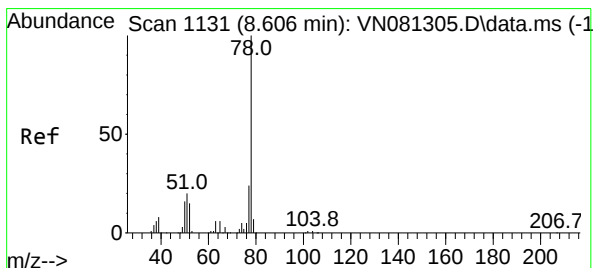
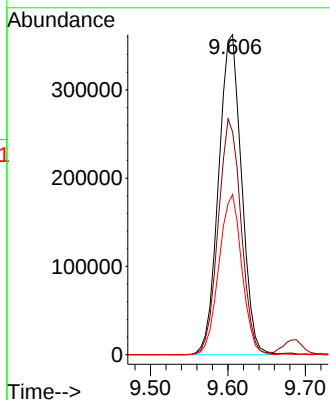
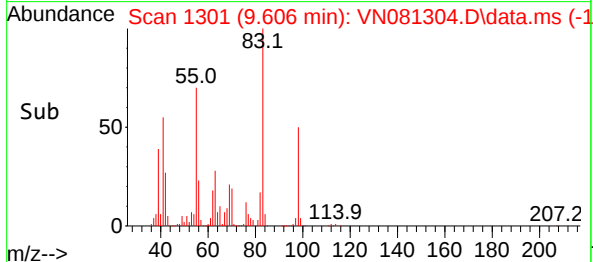
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 747579
Ion Ratio Lower Upper
83 100
55 69.6 65.7 98.5
98 50.0 33.8 50.6

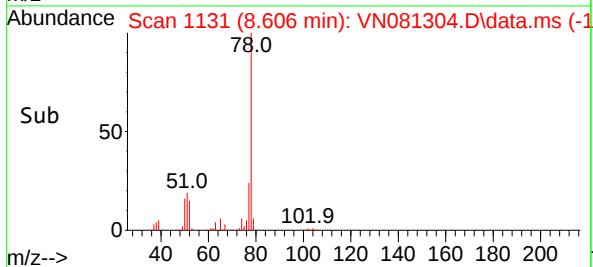
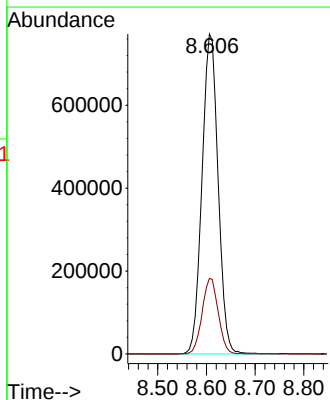
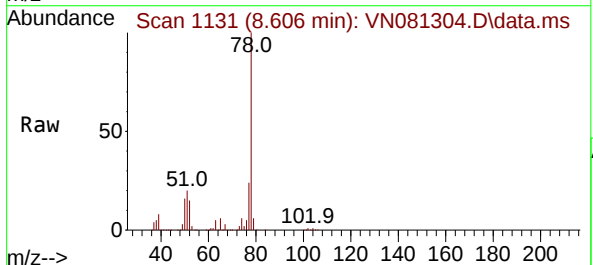
Manual Integrations
APPROVED

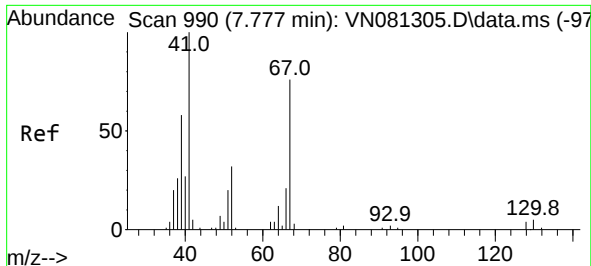
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#40
Benzene
Concen: 99.329 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

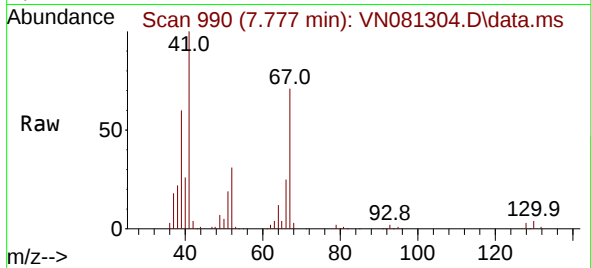
Tgt Ion: 78 Resp: 1770200
Ion Ratio Lower Upper
78 100
77 23.6 20.4 30.6





#41
Methacrylonitrile
Concen: 98.348 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

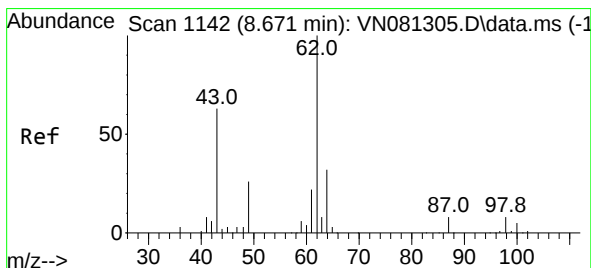
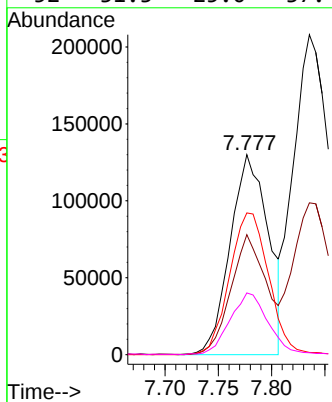
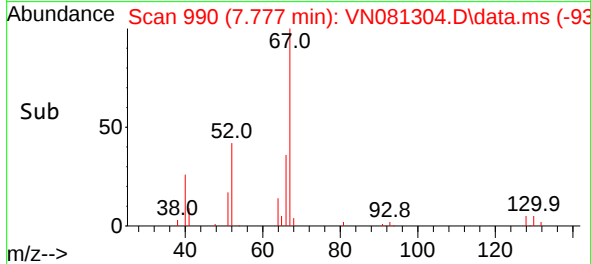
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 324154
Ion Ratio Lower Upper
41 100
39 55.9 48.4 72.6
67 72.8 56.8 85.2
52 31.3 25.0 37.4

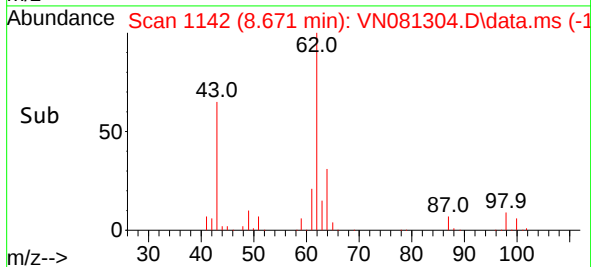
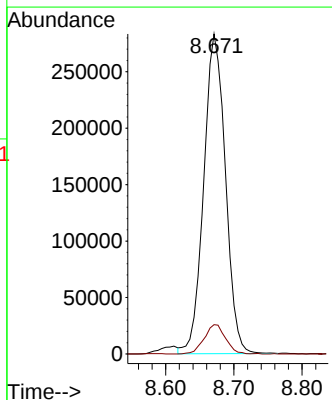
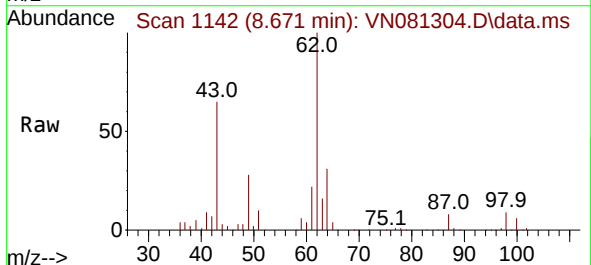
Manual Integrations
APPROVED

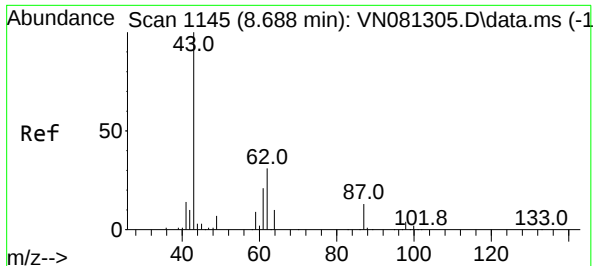
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#42
1,2-Dichloroethane
Concen: 99.831 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Tgt Ion: 62 Resp: 627300
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.0





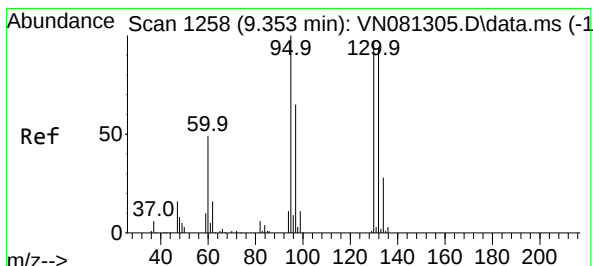
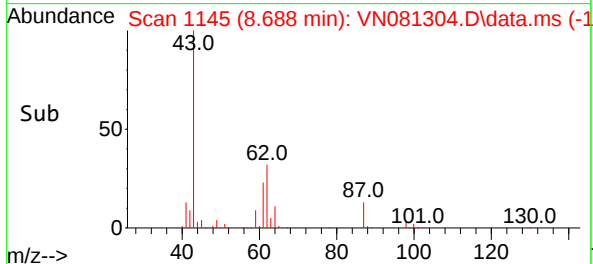
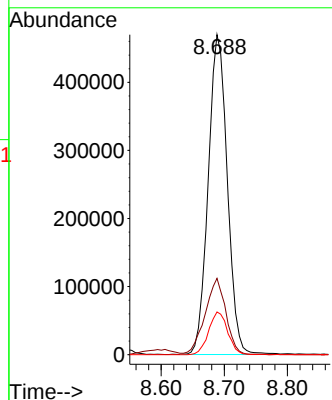
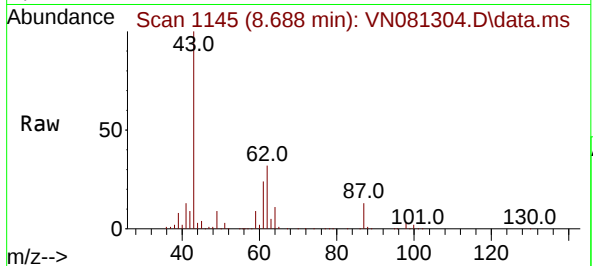
#43
Isopropyl Acetate
Concen: 96.796 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 98882
Ion Ratio Lower Upper
43 100
61 26.0 19.9 29.9
87 13.3 9.0 13.6

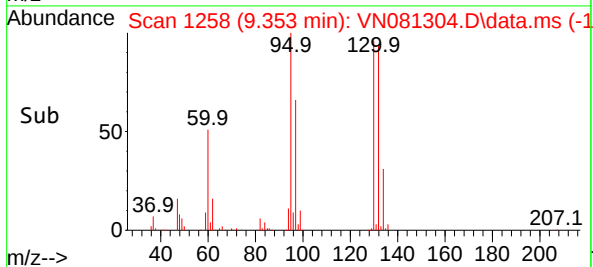
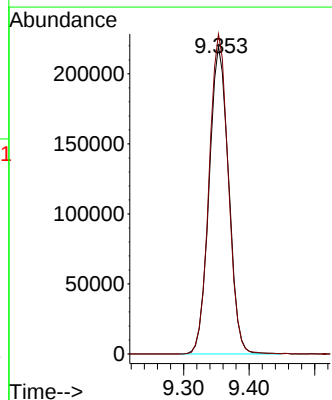
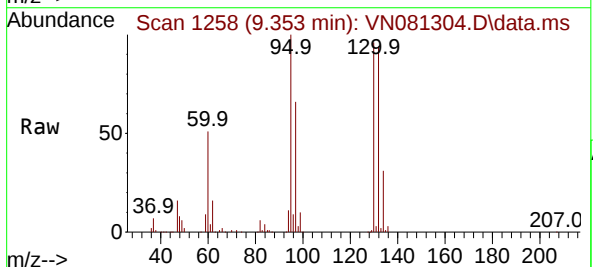
Manual Integrations
APPROVED

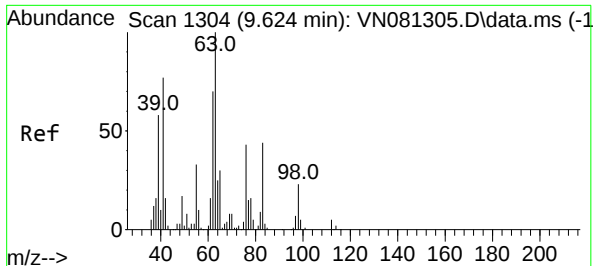
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#44
Trichloroethene
Concen: 100.802 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Tgt Ion:130 Resp: 453083
Ion Ratio Lower Upper
130 100
95 104.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 98.930 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 442900

Ion Ratio Lower Upper

63 100

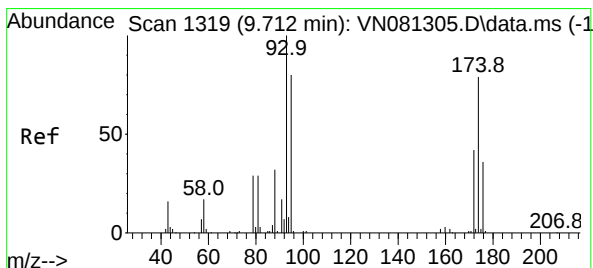
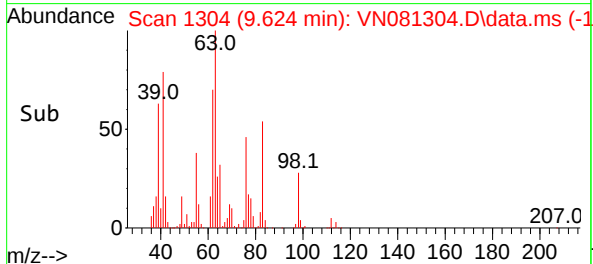
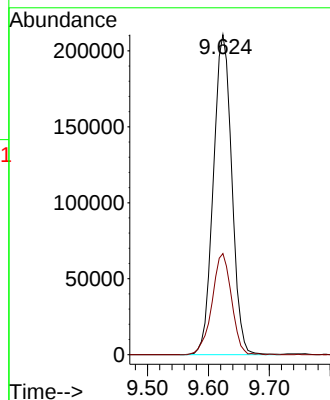
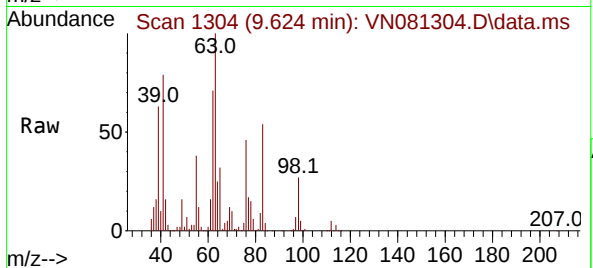
65 31.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#46

Dibromomethane

Concen: 100.404 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

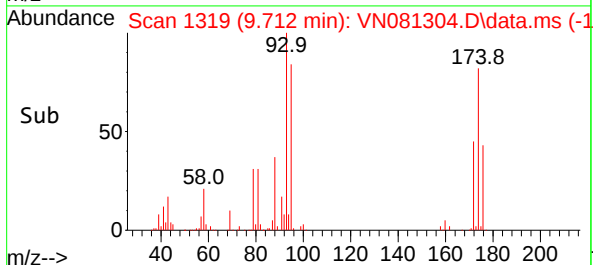
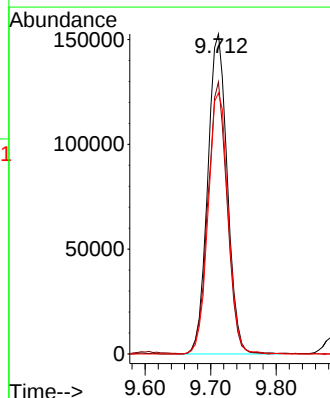
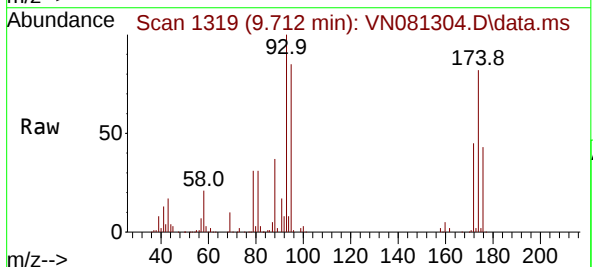
Tgt Ion: 93 Resp: 316837

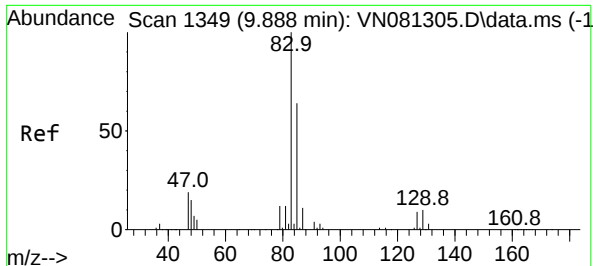
Ion Ratio Lower Upper

93 100

95 83.5 68.1 102.1

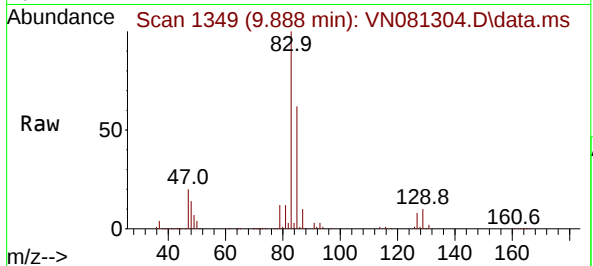
174 83.2 57.2 85.8





#47
Bromodichloromethane
Concen: 105.679 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

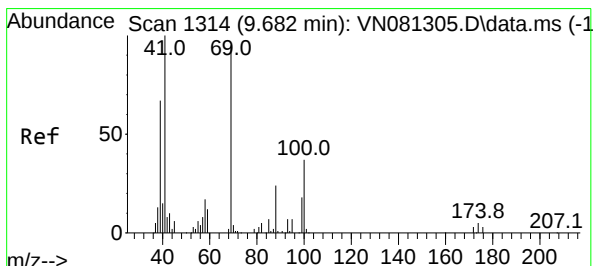
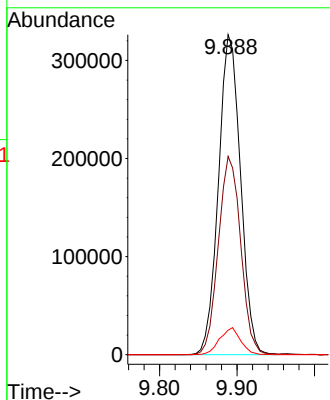
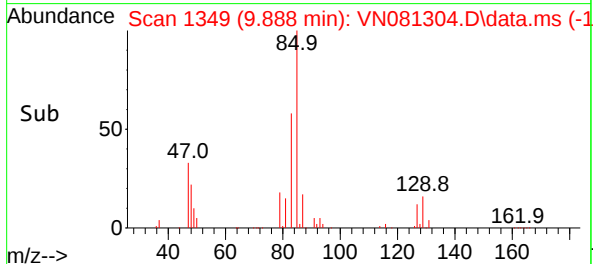
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



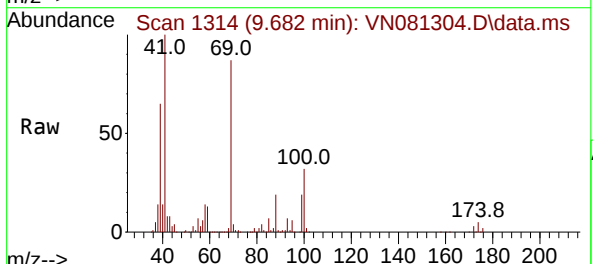
Tgt Ion: 83 Resp: 647394
Ion Ratio Lower Upper
83 100
85 62.0 52.3 78.5
127 7.7 4.6 7.0

Manual Integrations
APPROVED

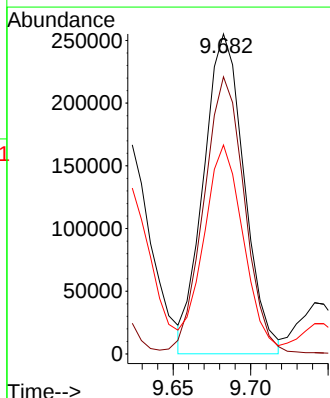
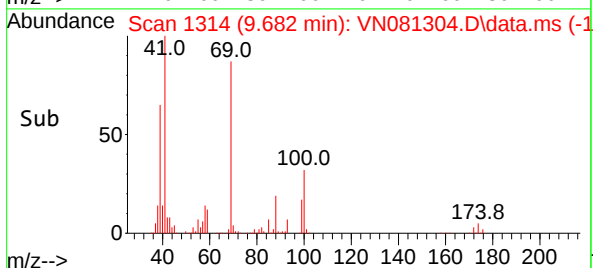
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

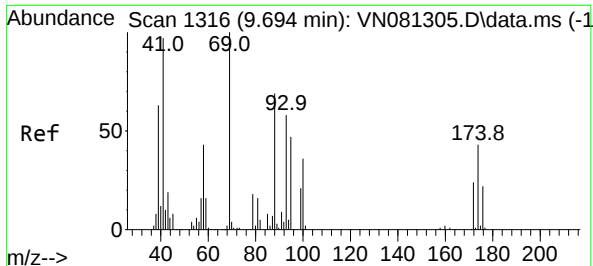


#48
Methyl methacrylate
Concen: 103.057 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00



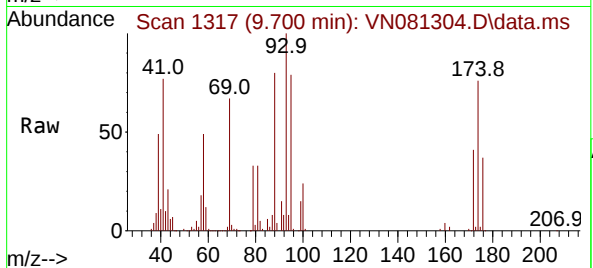
Tgt Ion: 41 Resp: 465354
Ion Ratio Lower Upper
41 100
69 87.7 62.2 93.2
39 64.1 47.6 71.4





#49
1,4-Dioxane
Concen: 1947.120 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

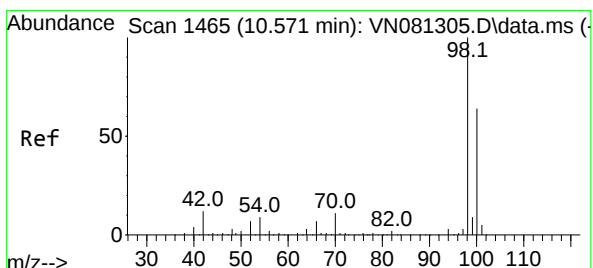
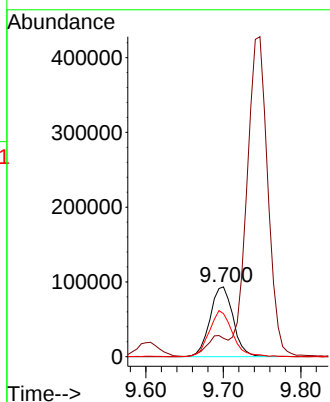
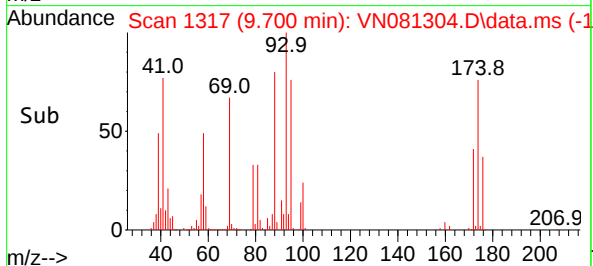
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 193790
Ion Ratio Lower Upper
88 100
43 26.1 30.1 45.1
58 66.4 63.9 95.9

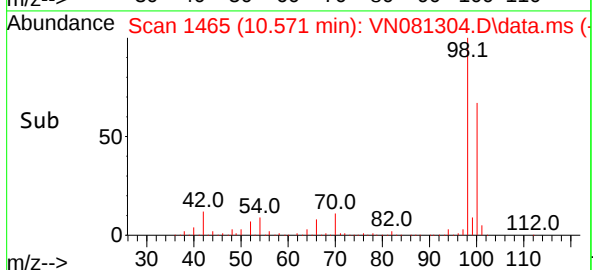
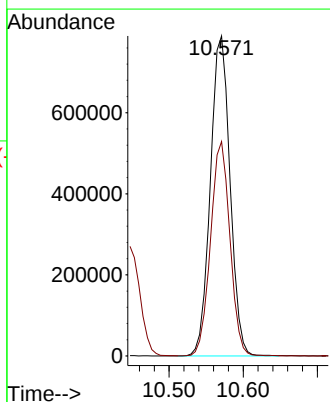
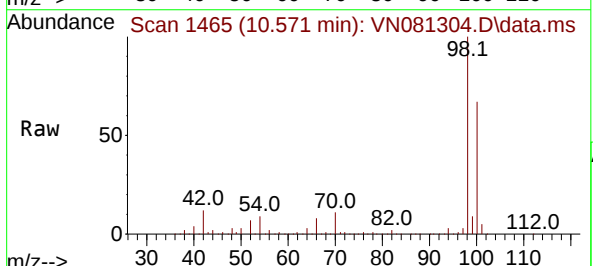
Manual Integrations
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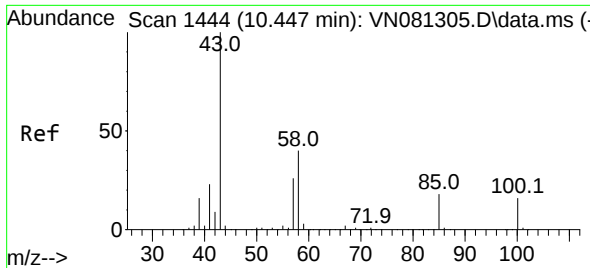
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#50
Toluene-d8
Concen: 105.068 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Tgt Ion: 98 Resp: 1453578
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 508.707 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

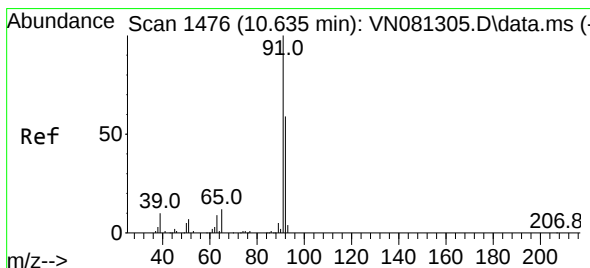
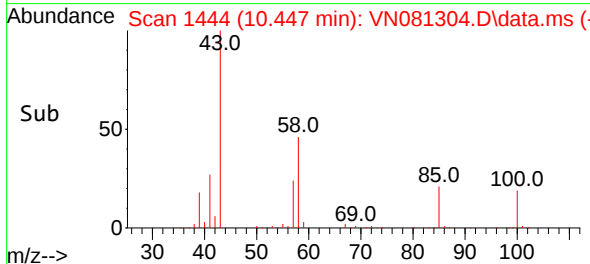
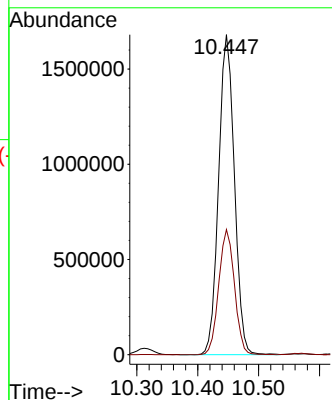
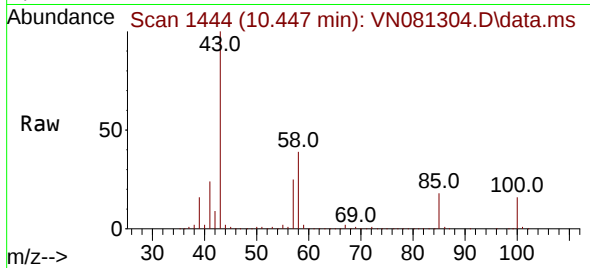
Tgt Ion: 43 Resp: 3017470
Ion Ratio Lower Upper
43 100
58 39.0 29.4 44.0

Manual Integrations

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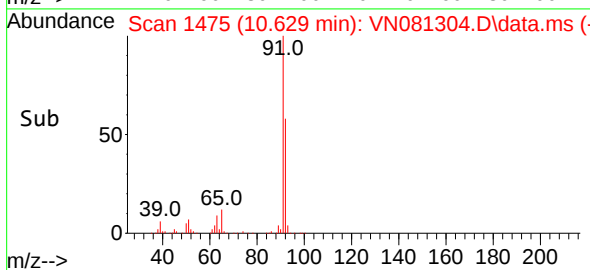
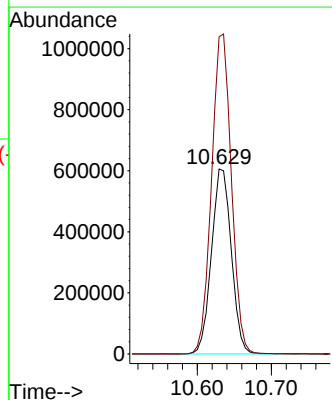
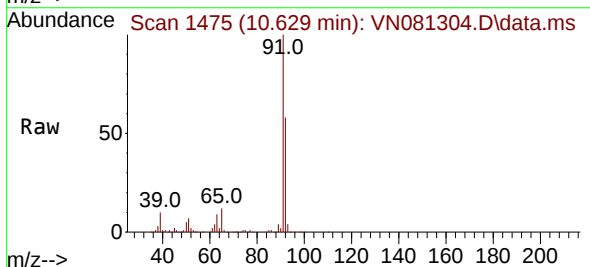
Reviewed By :John Carlone 03/06/2024

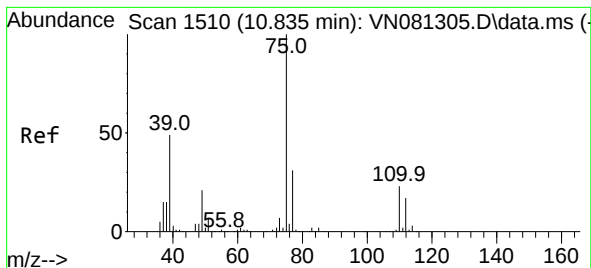
Supervised By :Mahesh Dadoda 03/06/2024



#52
Toluene
Concen: 104.769 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

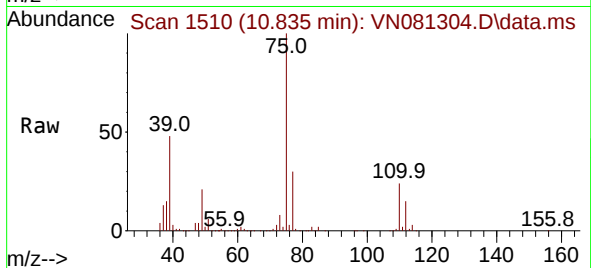
Tgt Ion: 92 Resp: 1127907
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 110.185 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081304.D
 Acq: 05 Mar 2024 12:00

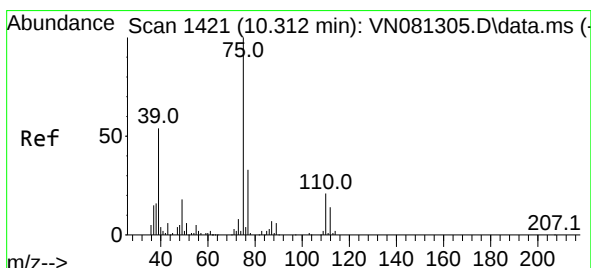
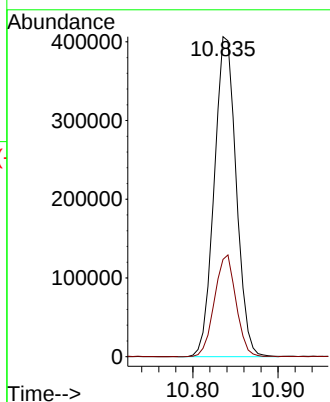
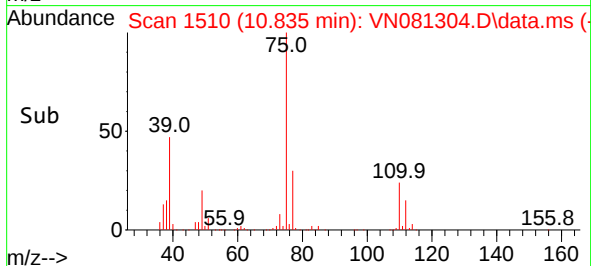
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



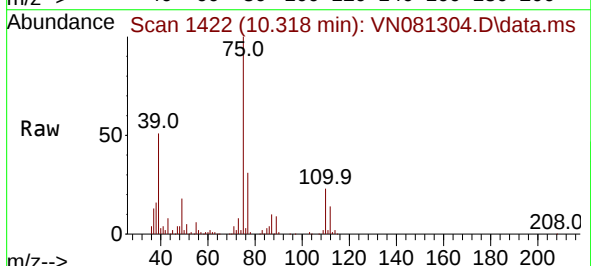
Tgt Ion: 75 Resp: 730339
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.5 38.3

Manual Integrations
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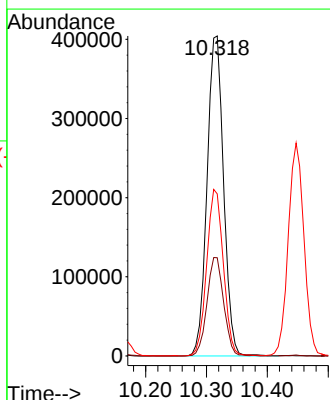
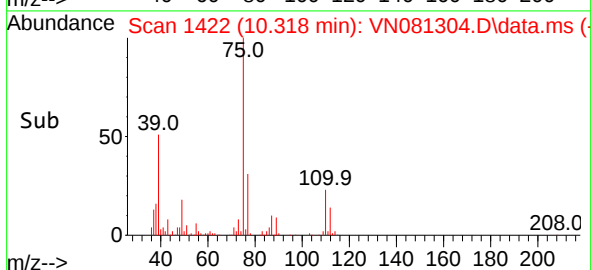
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024

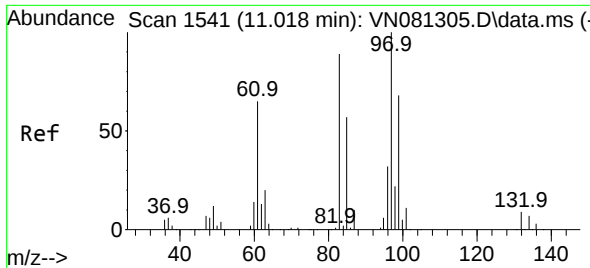


#54
 cis-1,3-Dichloropropene
 Concen: 106.660 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081304.D
 Acq: 05 Mar 2024 12:00



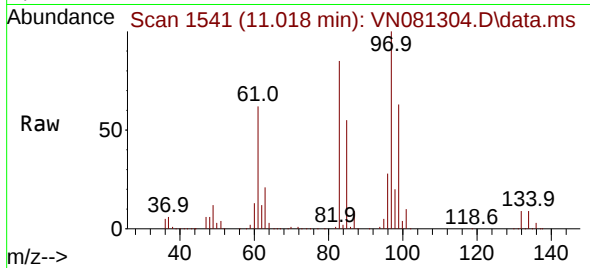
Tgt Ion: 75 Resp: 763192
 Ion Ratio Lower Upper
 75 100
 77 30.7 23.3 34.9
 39 50.6 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 101.940 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

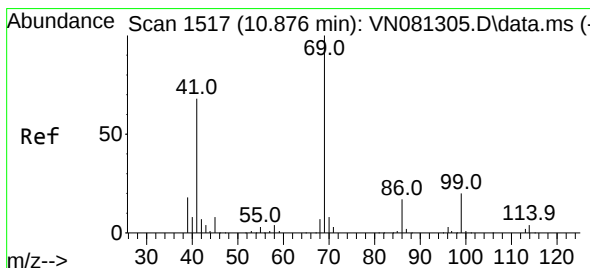
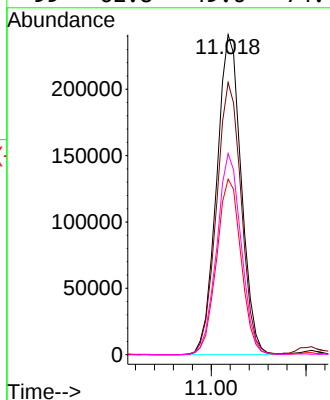
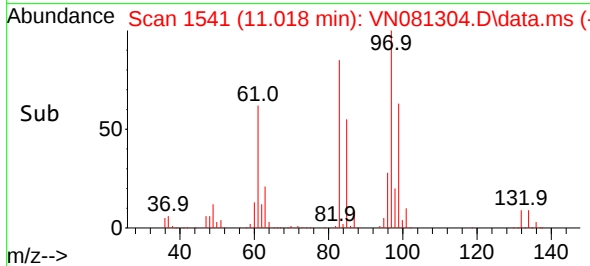
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



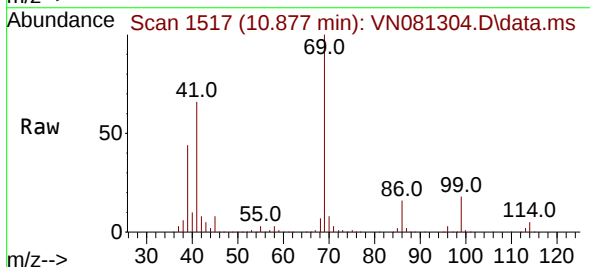
Tgt Ion: 97 Resp: 435197
Ion Ratio Lower Upper
97 100
83 85.1 72.9 109.3
85 54.9 50.2 75.2
99 62.8 49.6 74.4

Manual Integrations
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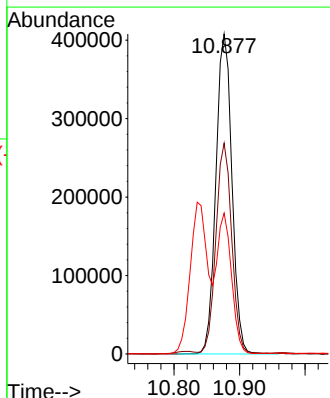
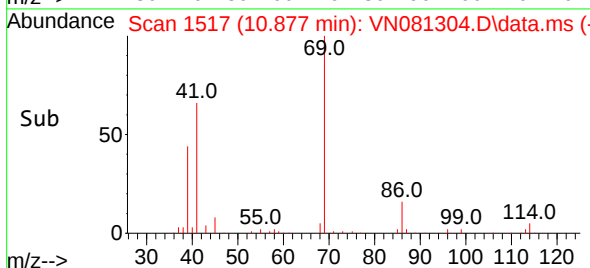
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

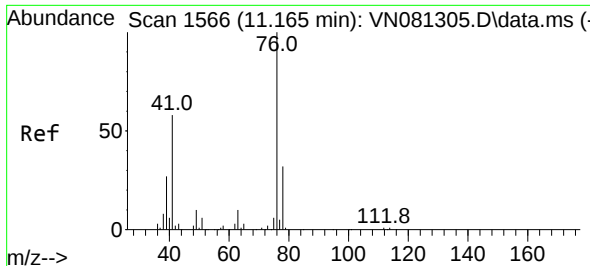


#56
Ethyl methacrylate
Concen: 112.387 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00



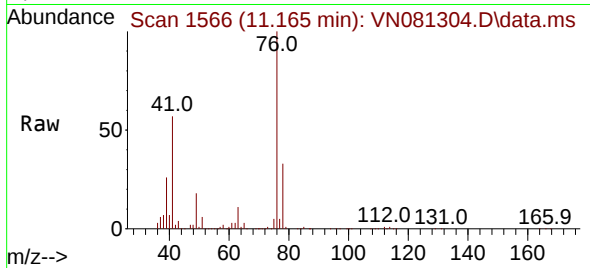
Tgt Ion: 69 Resp: 688952
Ion Ratio Lower Upper
69 100
41 64.5 61.0 91.6
39 39.2 31.8 47.6





#57
1,3-Dichloropropane
Concen: 101.958 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

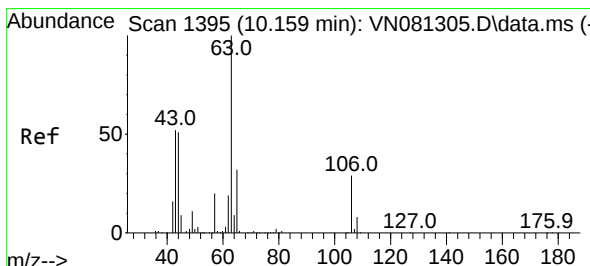
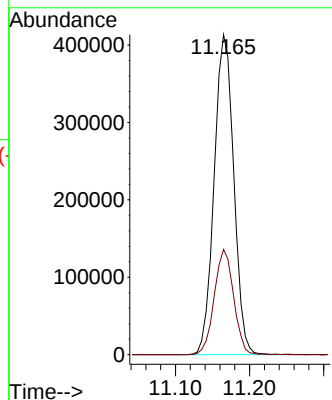
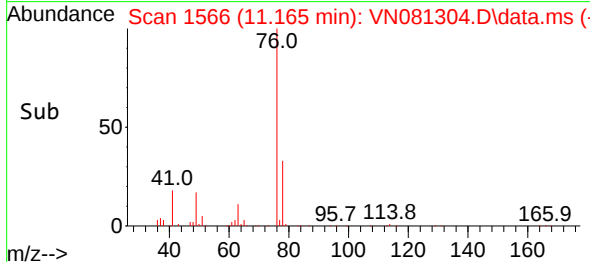
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 759673
Ion Ratio Lower Upper
76 100
78 32.5 25.5 38.3

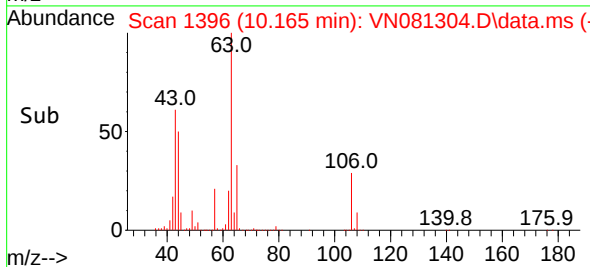
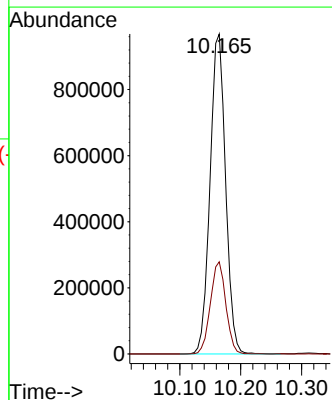
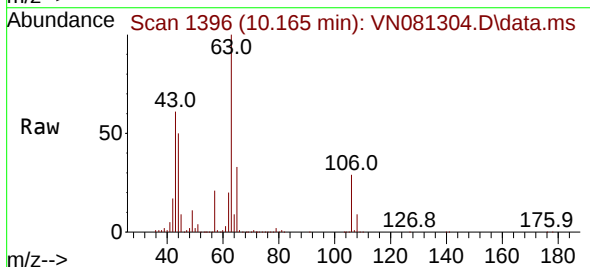
Manual Integrations
APPROVED

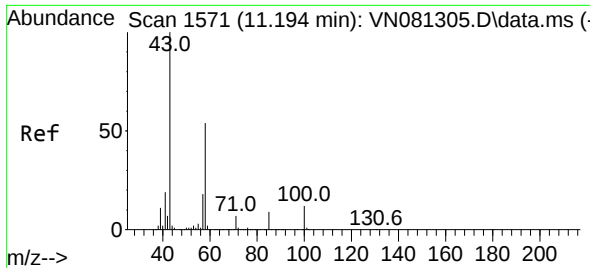
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#58
2-Chloroethyl Vinyl ether
Concen: 520.757 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

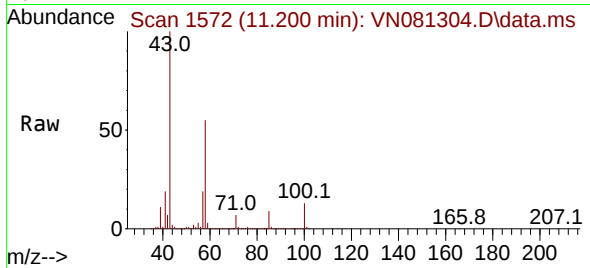
Tgt Ion: 63 Resp: 1717209
Ion Ratio Lower Upper
63 100
106 28.6 18.6 28.0#





#59
2-Hexanone
Concen: 511.963 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

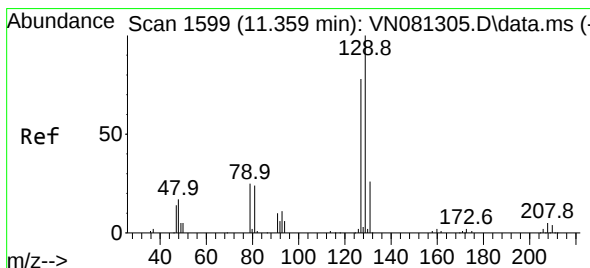
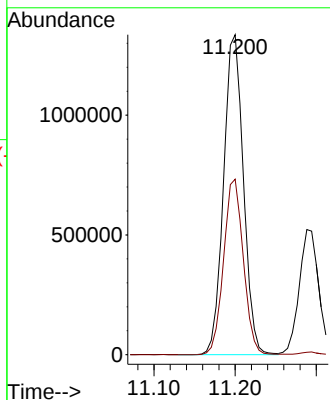
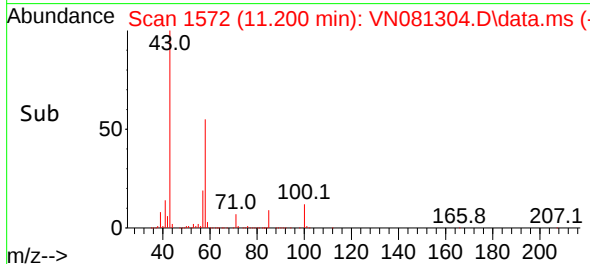
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 2270259
Ion Ratio Lower Upper
43 100
58 54.5 25.9 77.8

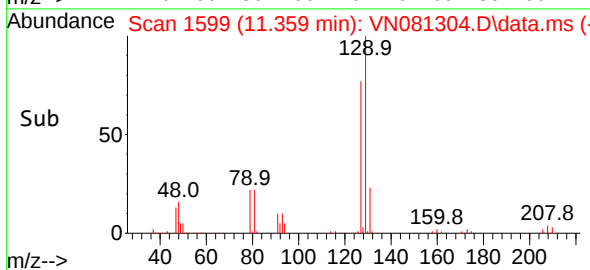
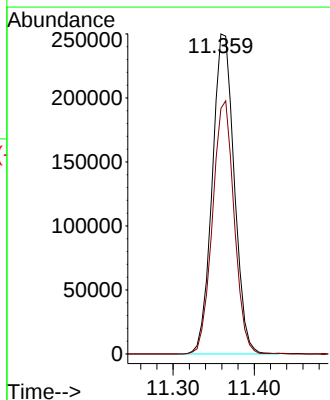
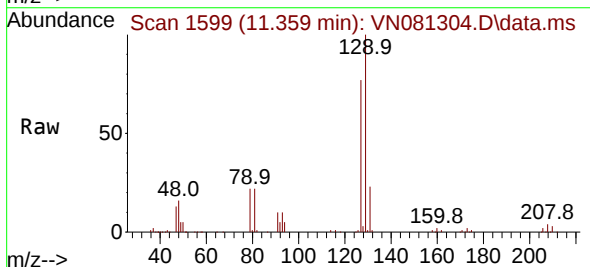
Manual Integrations
APPROVED

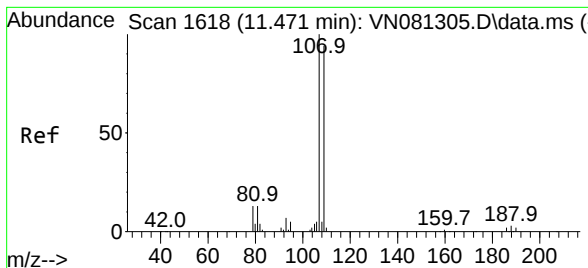
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#60
Dibromochloromethane
Concen: 107.042 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

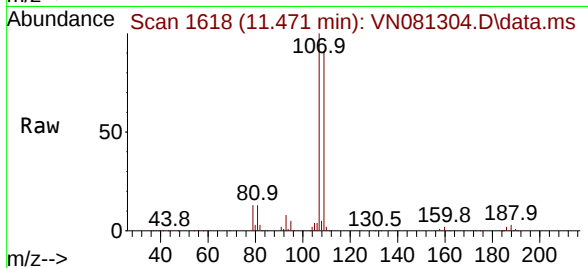
Tgt Ion:129 Resp: 470632
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.2





#61
1,2-Dibromoethane
Concen: 102.682 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

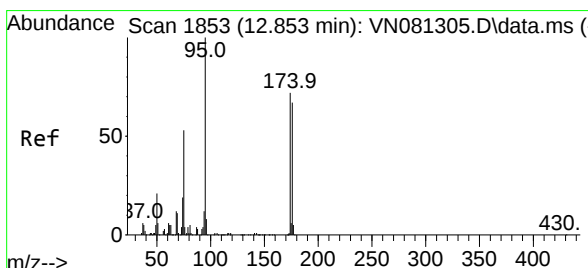
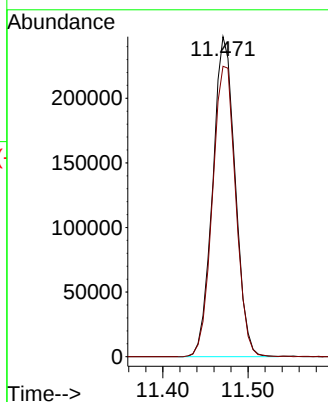
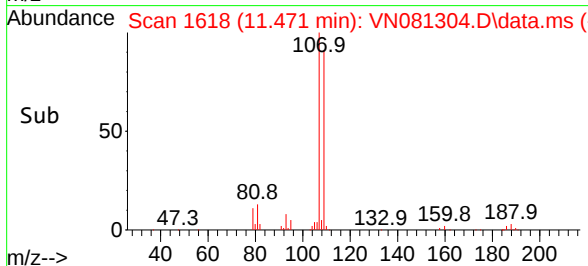
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



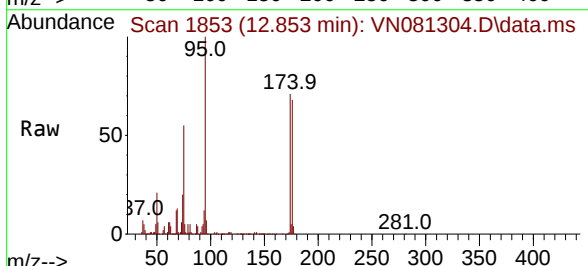
Tgt Ion:107 Resp: 454840
Ion Ratio Lower Upper
107 100
109 93.8 73.4 110.2

Manual Integrations
APPROVED

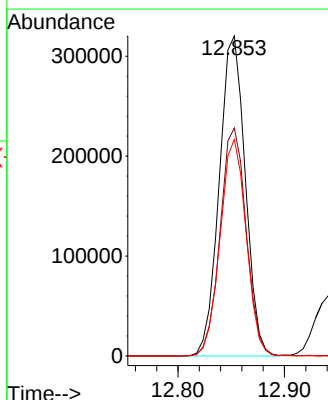
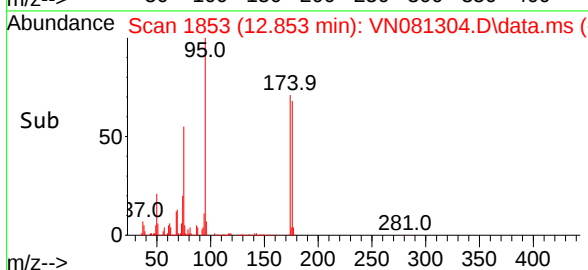
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

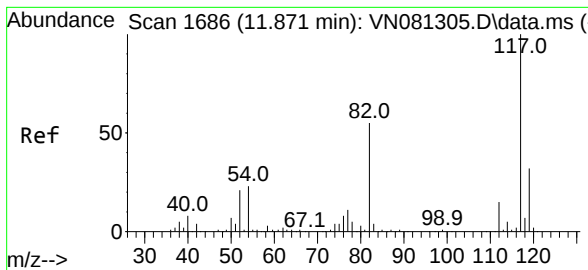


#62
4-Bromofluorobenzene
Concen: 110.861 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00



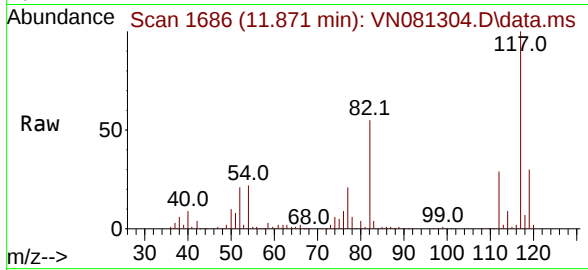
Tgt Ion: 95 Resp: 542080
Ion Ratio Lower Upper
95 100
174 71.6 0.0 120.4
176 67.7 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

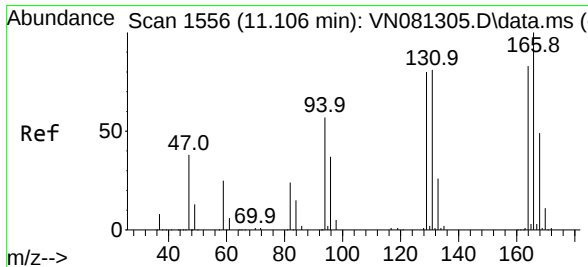
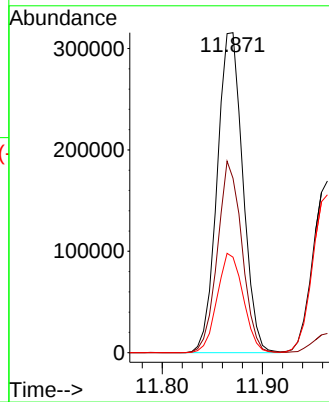
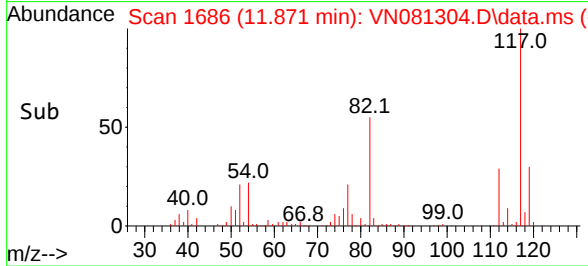
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



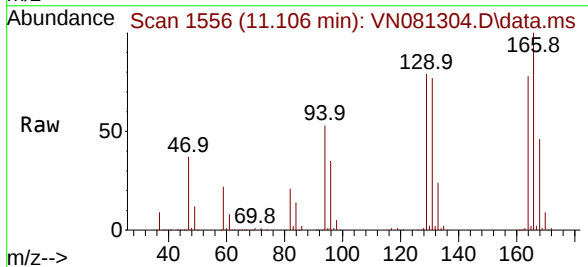
Tgt Ion:117 Resp: 56104
Ion Ratio Lower Upper
117 100
82 54.5 52.7 79.1
119 29.9 25.3 37.9

Manual Integrations
APPROVED

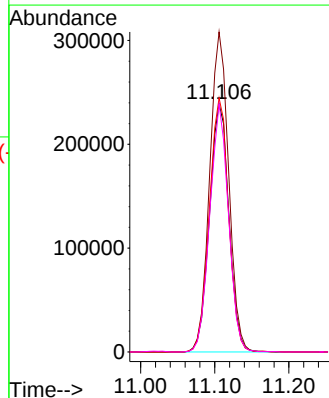
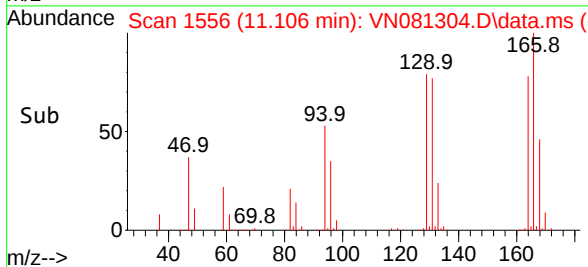
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

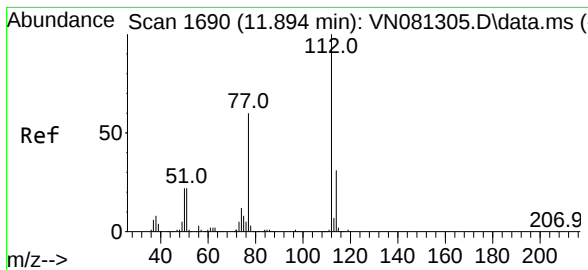


#64
Tetrachloroethene
Concen: 99.020 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00



Tgt Ion:164 Resp: 434989
Ion Ratio Lower Upper
164 100
166 129.0 105.8 158.6
129 102.3 89.6 134.4
131 99.8 84.9 127.3





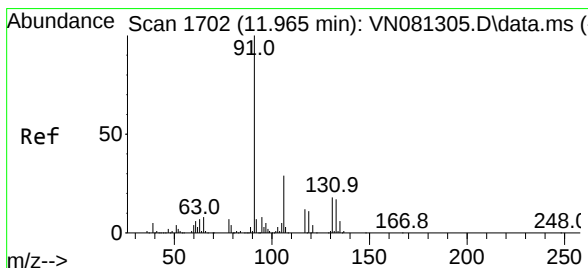
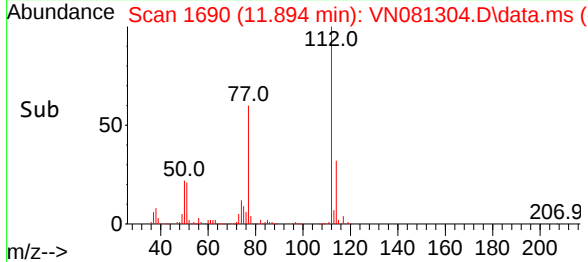
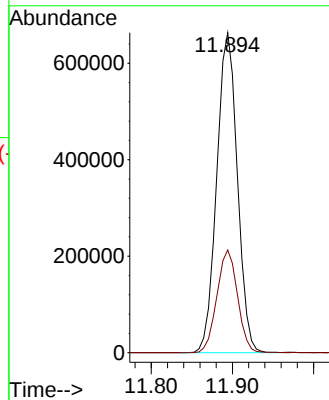
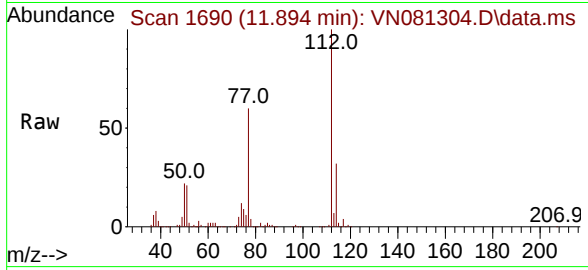
#65
Chlorobenzene
Concen: 99.002 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 117045
Ion Ratio Lower Upper
112 100
114 32.1 23.7 35.5

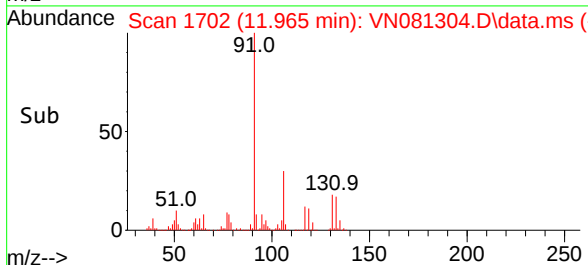
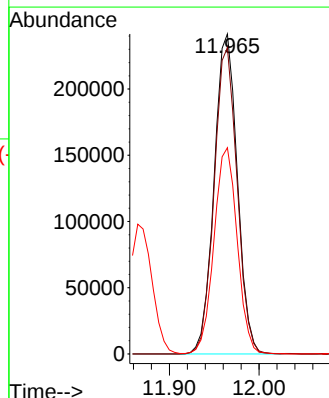
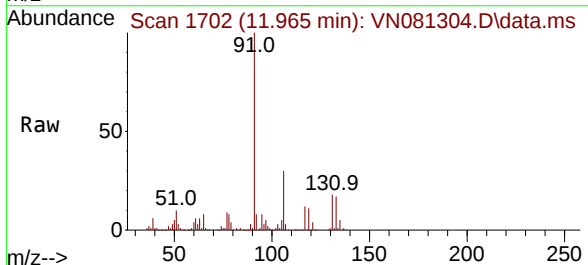
Manual Integrations
APPROVED

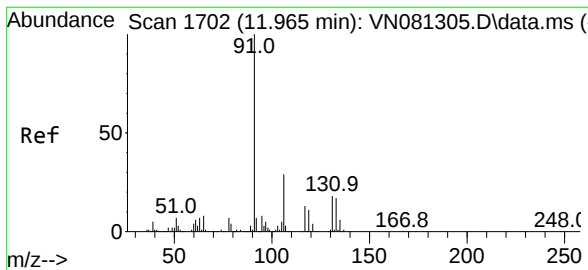
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 100.153 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

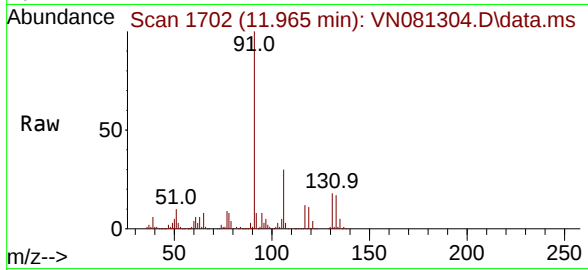
Tgt Ion:131 Resp: 433281
Ion Ratio Lower Upper
131 100
133 94.9 46.8 140.3
119 64.7 34.6 103.9





#67
Ethyl Benzene
Concen: 105.570 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

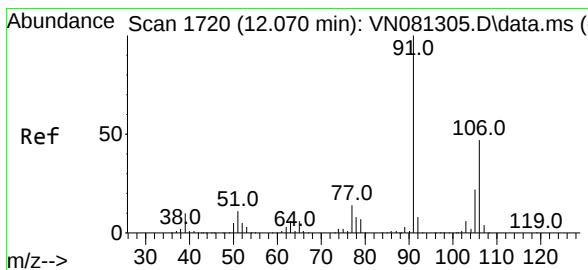
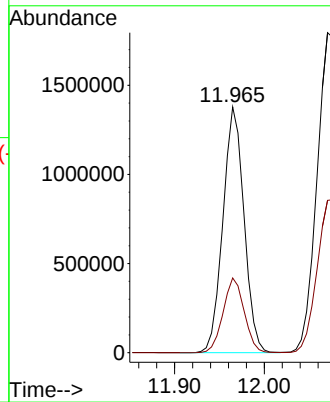
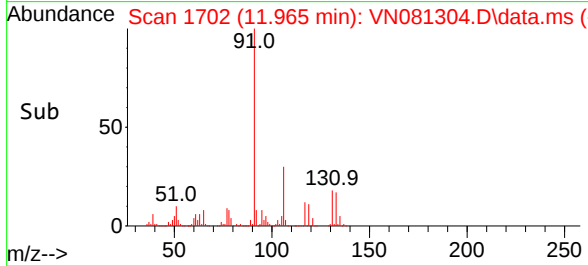
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



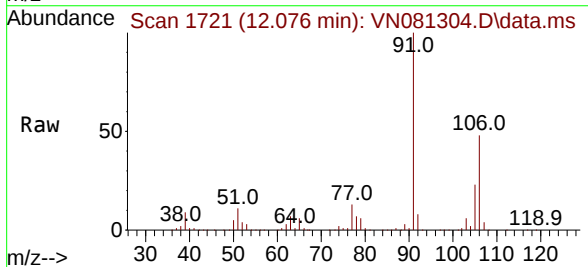
Tgt Ion: 91 Resp: 224826
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

Manual Integrations
APPROVED

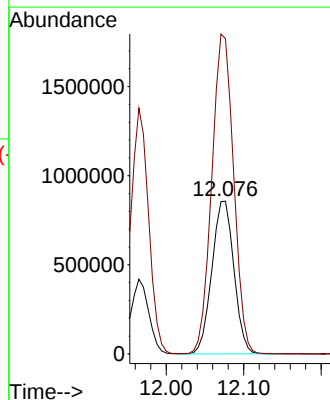
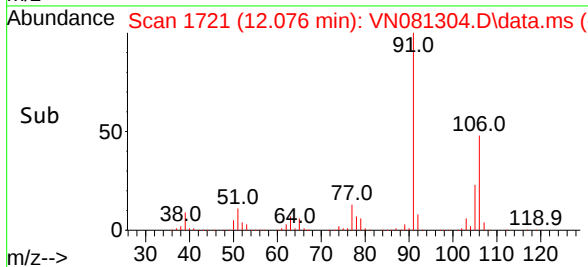
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

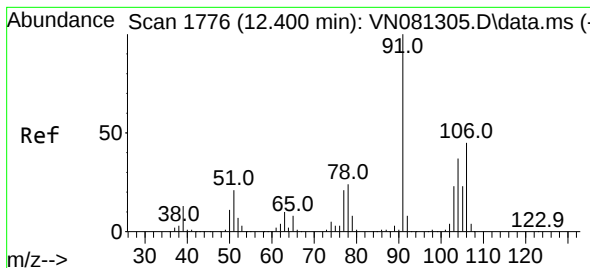


#68
m/p-Xylenes
Concen: 210.974 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00



Tgt Ion:106 Resp: 1690912
Ion Ratio Lower Upper
106 100
91 207.9 169.0 253.6





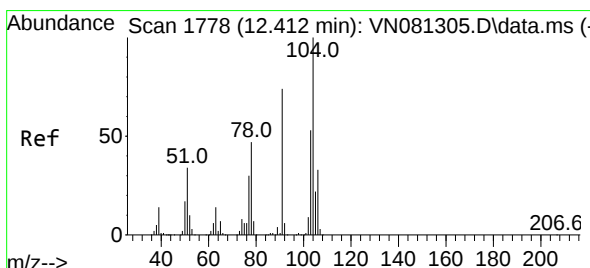
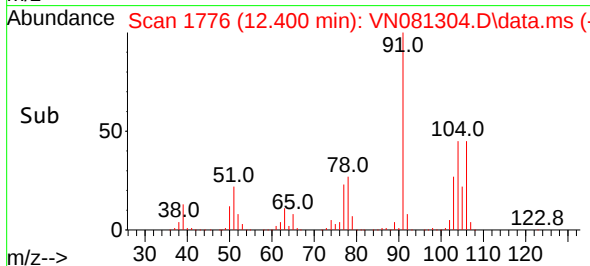
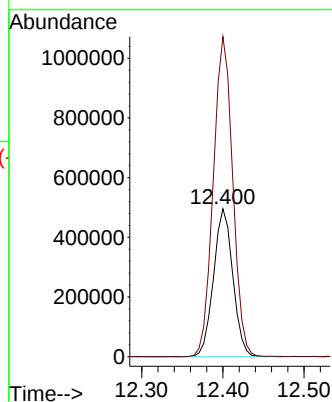
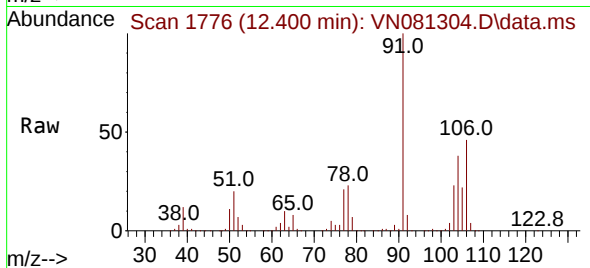
#69
o-Xylene
Concen: 105.420 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 81885
Ion Ratio Lower Upper
106 100
91 218.4 112.1 336.3

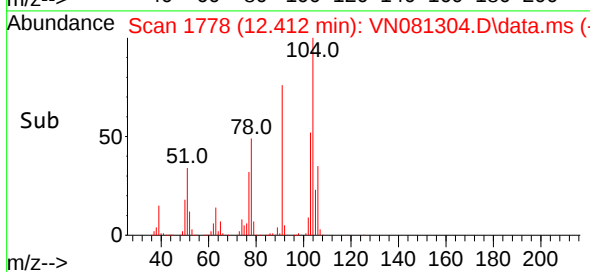
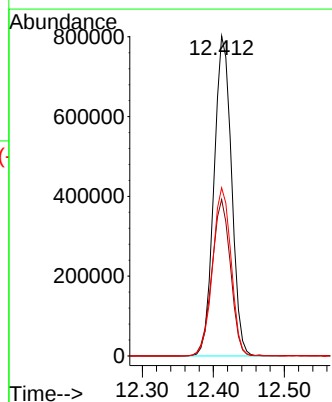
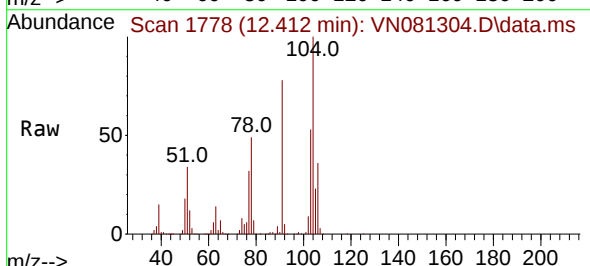
Manual Integrations
APPROVED

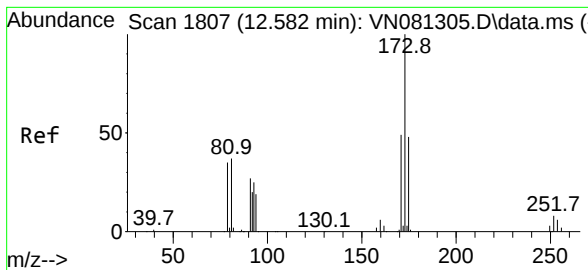
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#70
Styrene
Concen: 111.595 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

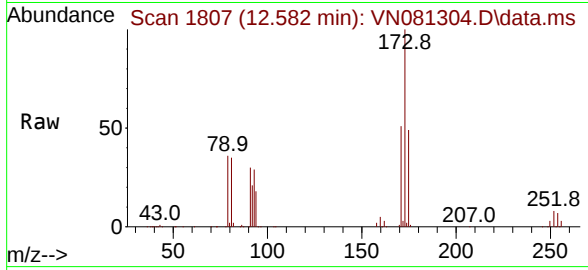
Tgt Ion:104 Resp: 1373664
Ion Ratio Lower Upper
104 100
78 51.8 43.8 65.8
103 55.3 44.2 66.2





#71
Bromoform
Concen: 105.853 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

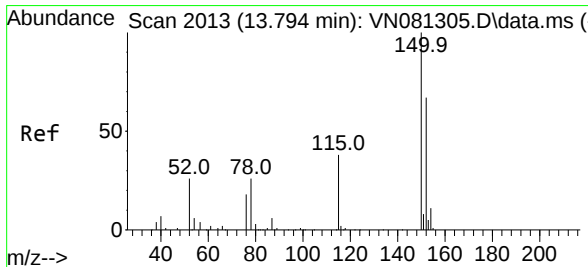
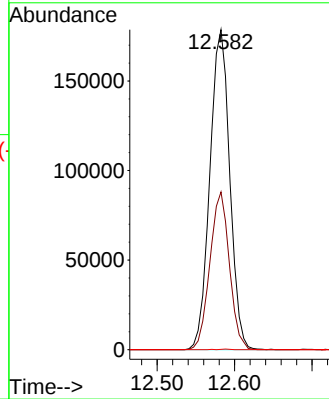
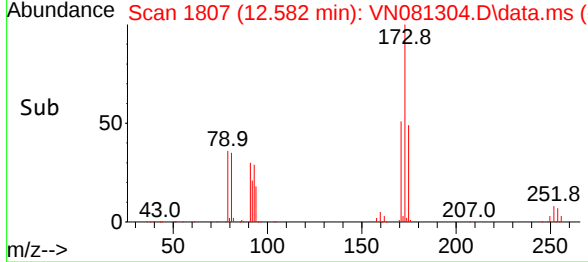
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 317920
Ion Ratio Lower Upper
173 100
175 48.3 23.1 69.2
254 0.1 0.0 0.0

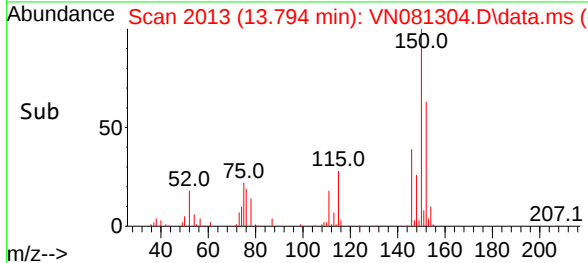
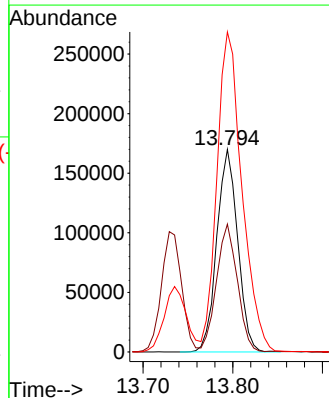
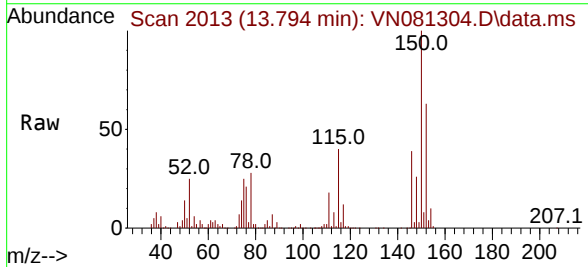
Manual Integrations
APPROVED

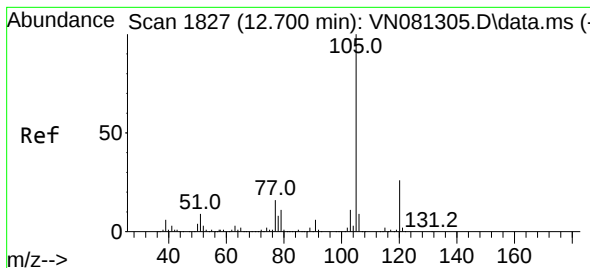
Reviewed By :John Carbone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Tgt Ion:152 Resp: 274713
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 189.0 0.0 339.8





#73

Isopropylbenzene

Concen: 98.481 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 218459

Ion Ratio Lower Upper

105 100

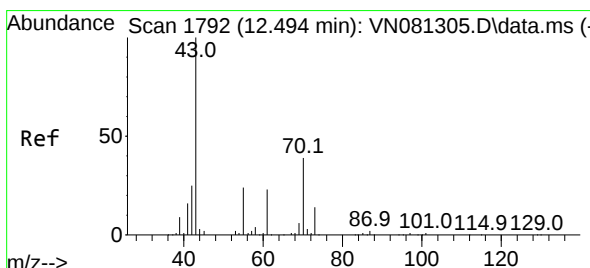
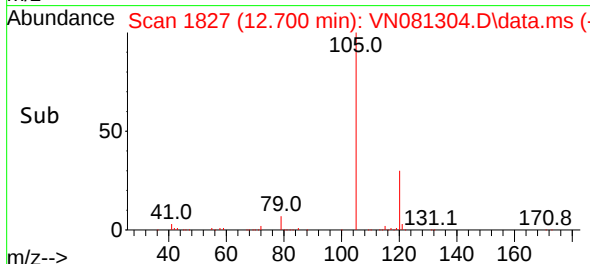
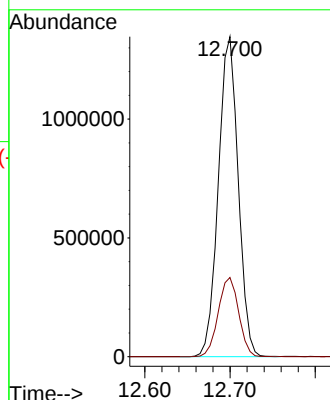
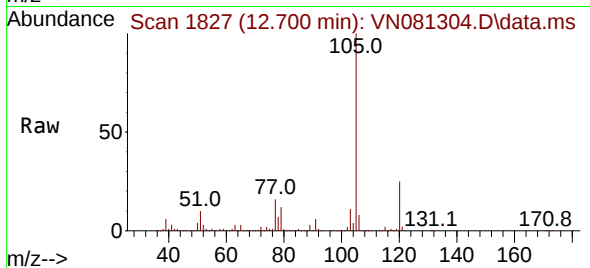
120 25.5 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#74

N-ethyl acetate

Concen: 100.628 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

Tgt Ion: 43 Resp: 936623

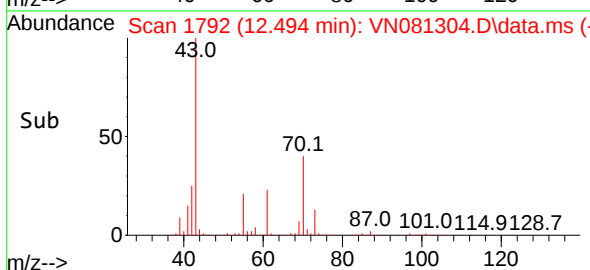
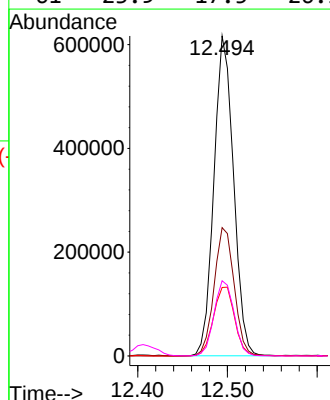
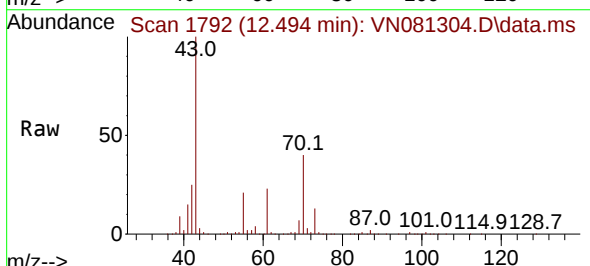
Ion Ratio Lower Upper

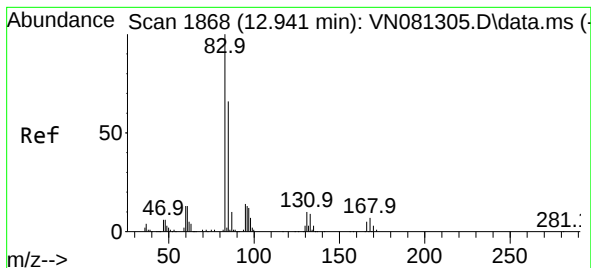
43 100

70 41.1 30.1 45.1

55 23.3 17.0 25.4

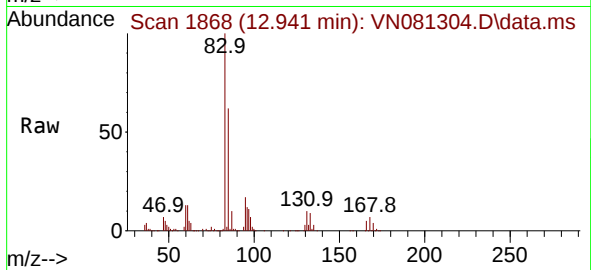
61 23.9 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 89.708 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

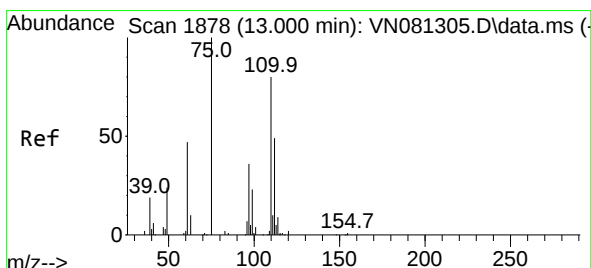
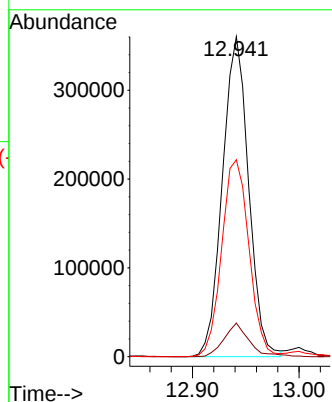
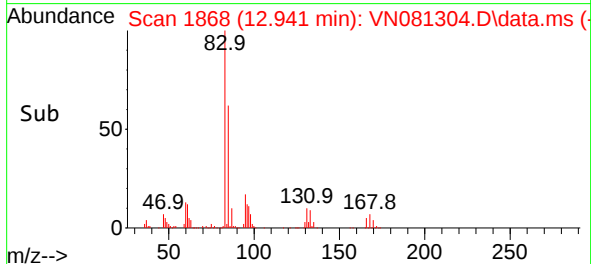
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 61413
Ion Ratio Lower Upper
83 100
131 10.1 4.1 12.3
85 64.1 32.1 96.3

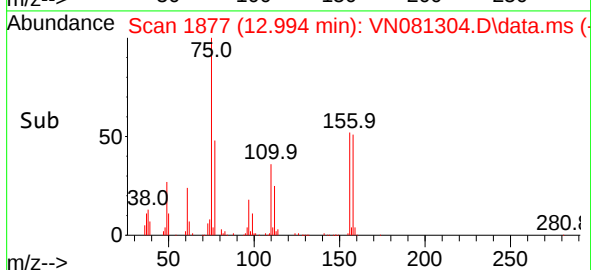
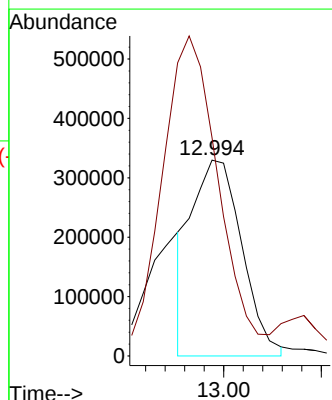
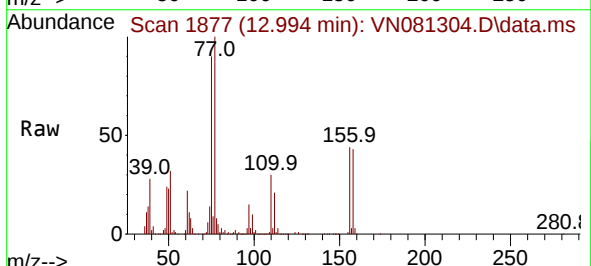
Manual Integrations
APPROVED

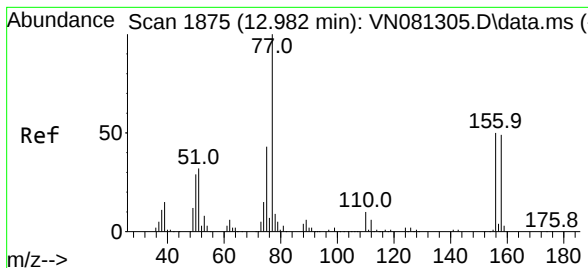
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#76
1,2,3-Trichloropropane
Concen: 88.568 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

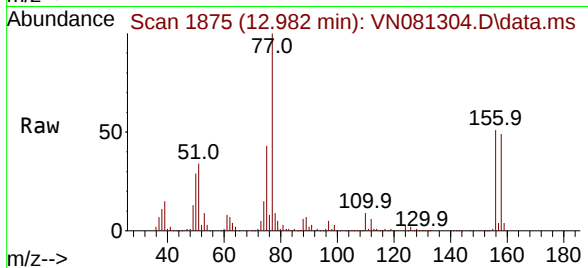
Tgt Ion: 75 Resp: 589225
Ion Ratio Lower Upper
75 100
77 185.7 91.0 272.8





#77
Bromobenzene
Concen: 88.614 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

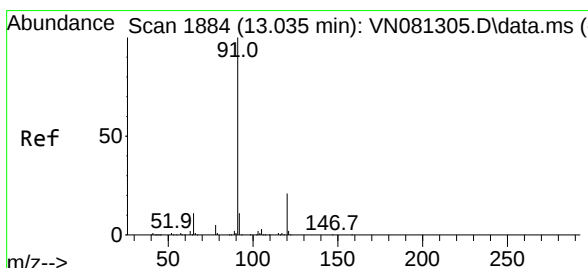
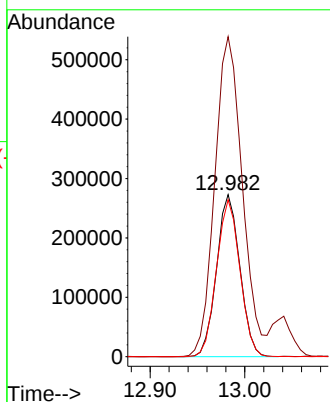
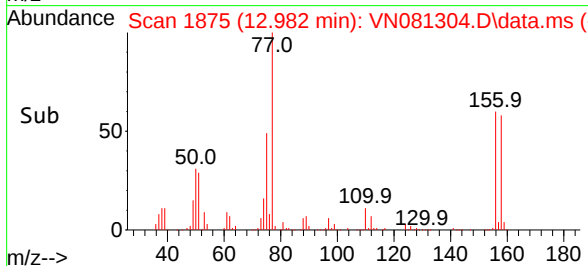
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



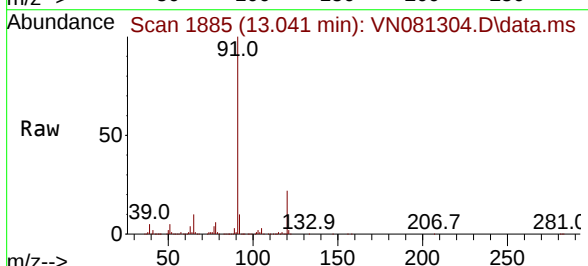
Tgt Ion:156 Resp: 466070
Ion Ratio Lower Upper
156 100
77 234.7 138.1 414.3
158 97.3 46.5 139.5

Manual Integrations
APPROVED

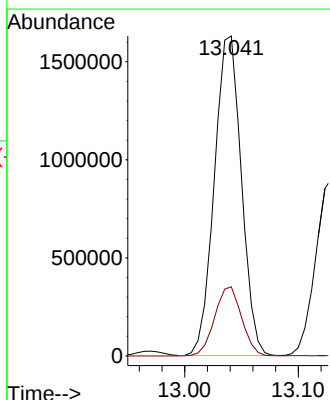
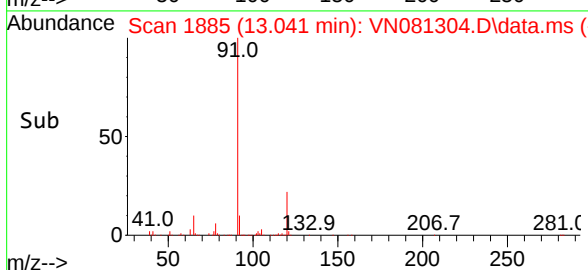
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

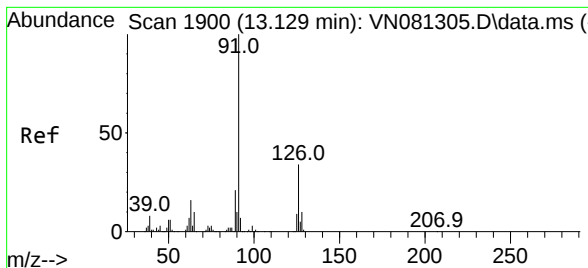


#78
n-propylbenzene
Concen: 102.661 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00



Tgt Ion: 91 Resp: 2693570
Ion Ratio Lower Upper
91 100
120 21.6 10.3 30.9





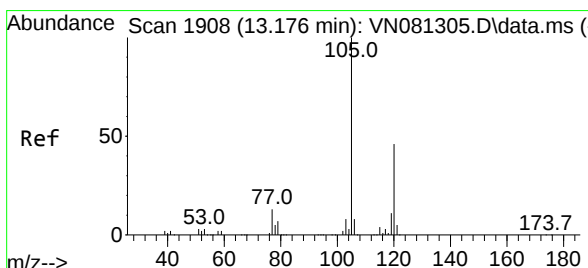
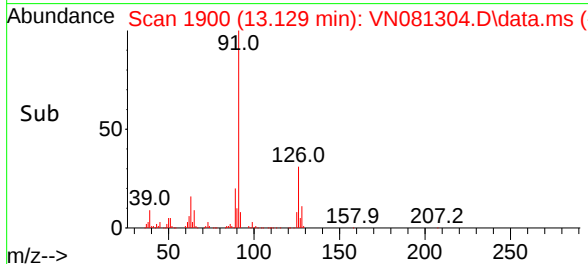
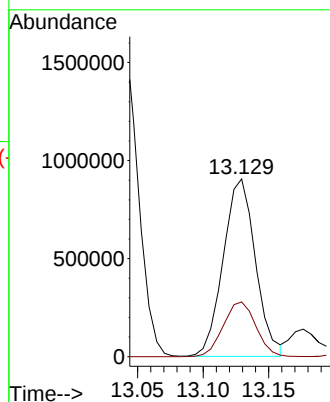
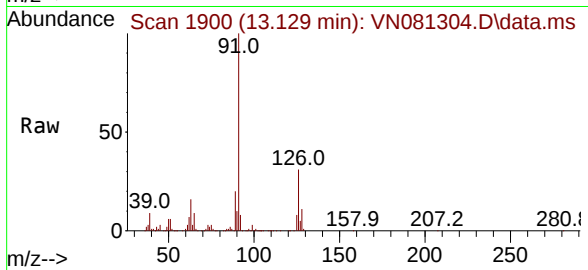
#79
2-Chlorotoluene
Concen: 96.545 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1548360
Ion Ratio Lower Upper
91 100
126 31.3 14.8 44.4

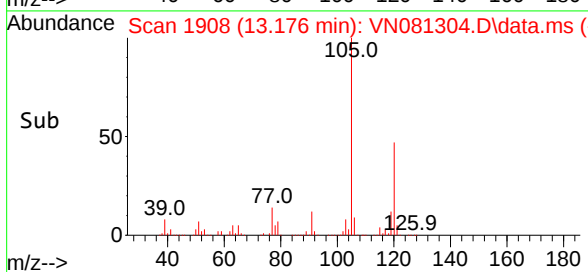
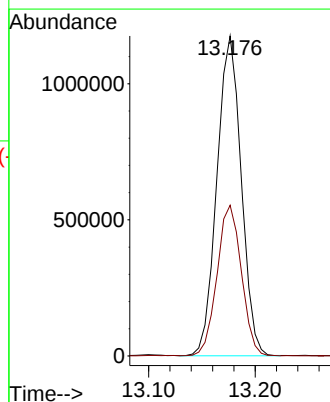
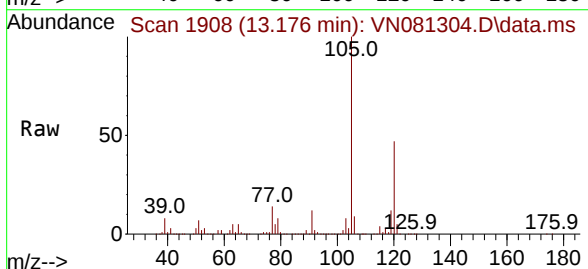
Manual Integrations
APPROVED

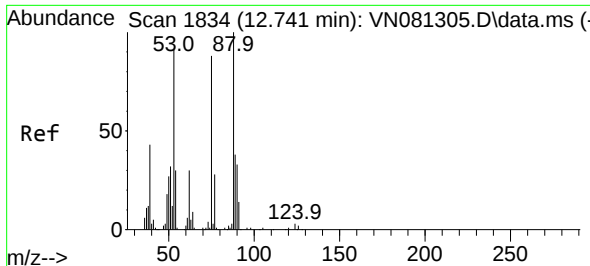
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#80
1,3,5-Trimethylbenzene
Concen: 101.405 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

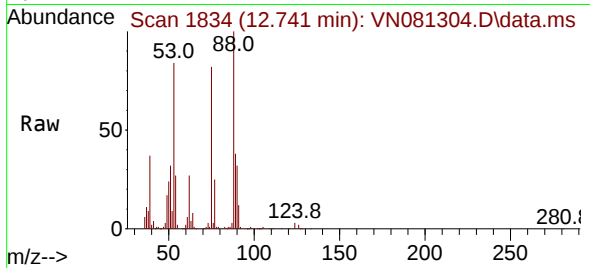
Tgt Ion:105 Resp: 1859477
Ion Ratio Lower Upper
105 100
120 47.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 99.140 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

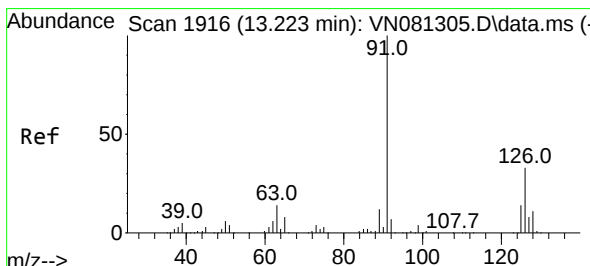
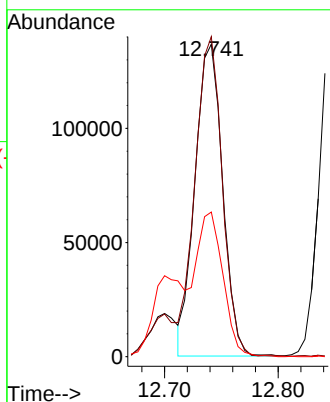
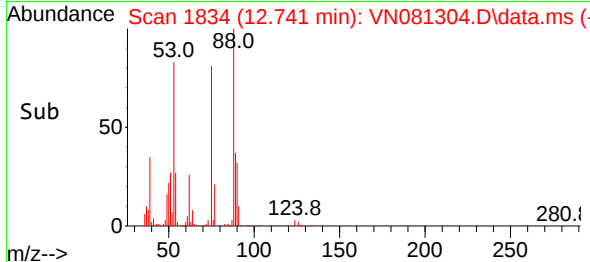
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



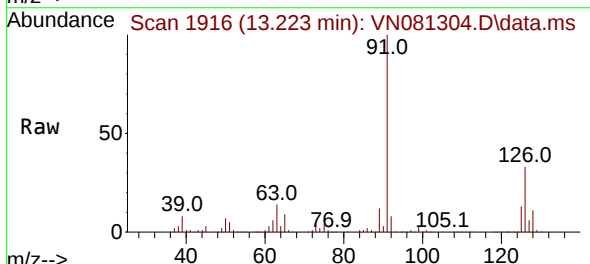
Tgt Ion: 75 Resp: 230500
Ion Ratio Lower Upper
75 100
53 114.8 71.4 107.2
89 46.6 33.4 50.0

Manual Integrations
APPROVED

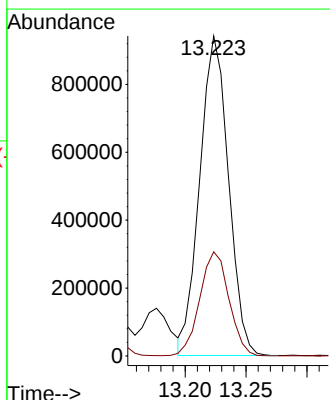
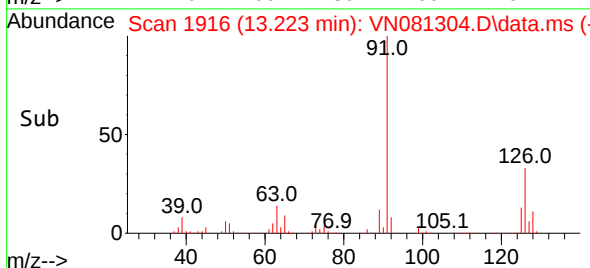
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

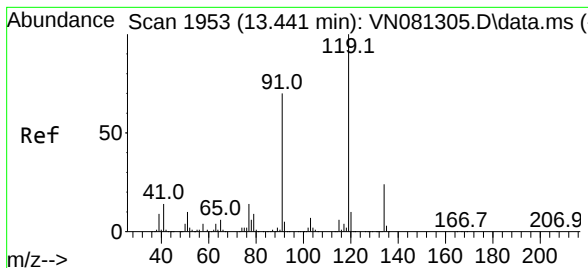


#82
4-Chlorotoluene
Concen: 97.360 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00



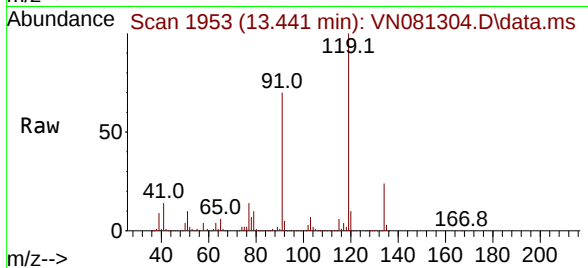
Tgt Ion: 91 Resp: 1542272
Ion Ratio Lower Upper
91 100
126 33.1 15.3 45.9





#83
tert-Butylbenzene
Concen: 98.435 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

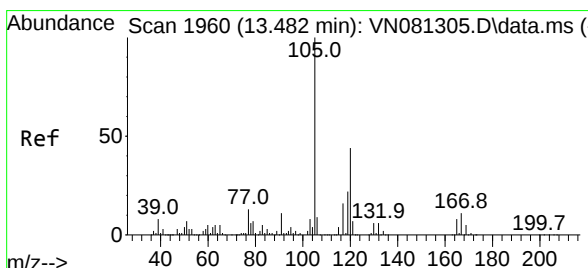
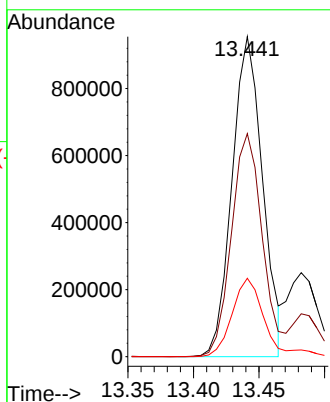
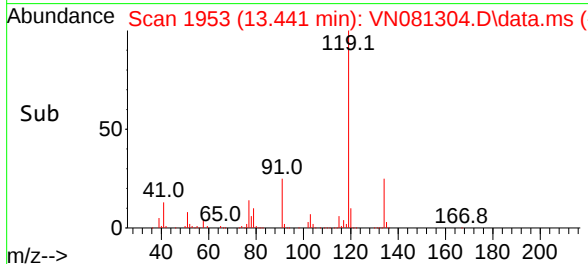
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



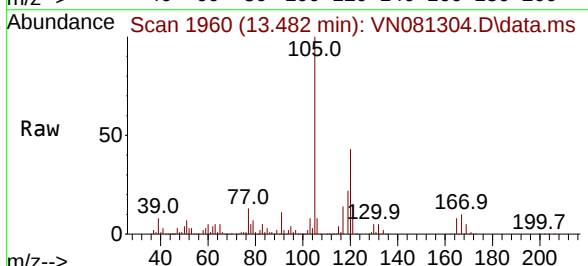
Tgt Ion:119 Resp: 154747
Ion Ratio Lower Upper
119 100
91 71.1 36.8 110.4
134 26.1 12.4 37.4

Manual Integrations
APPROVED

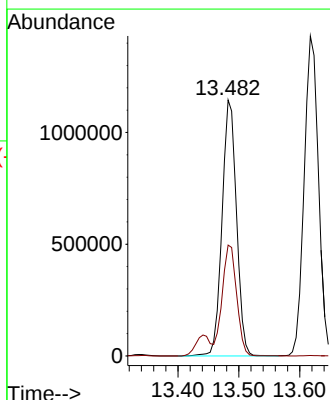
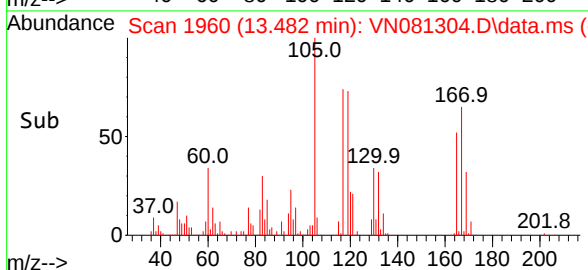
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

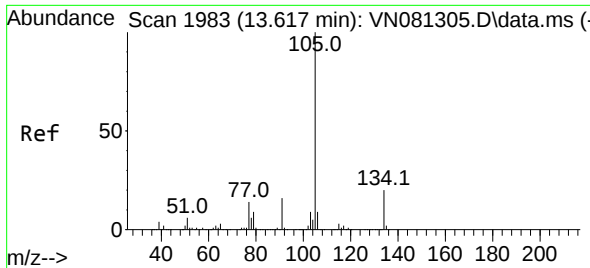


#84
1,2,4-Trimethylbenzene
Concen: 101.656 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00



Tgt Ion:105 Resp: 1888629
Ion Ratio Lower Upper
105 100
120 43.0 20.9 62.7





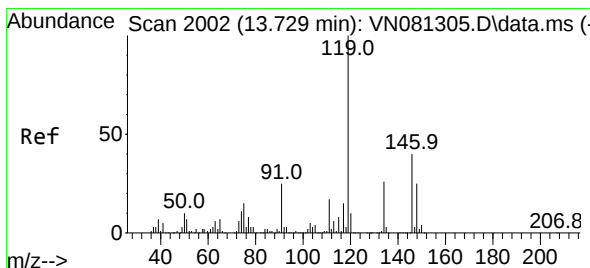
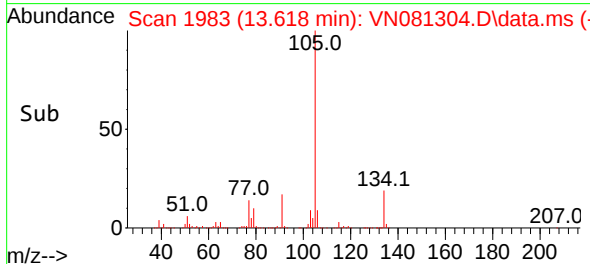
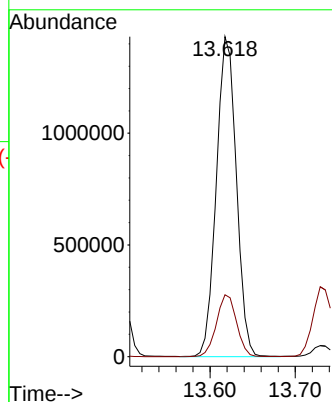
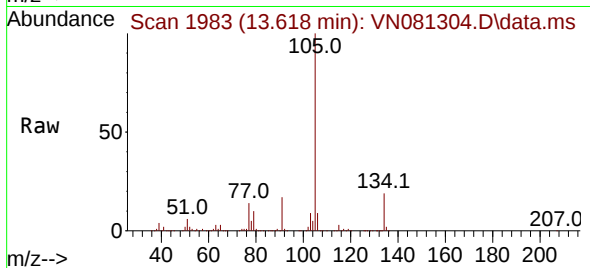
#85
 sec-Butylbenzene
 Concen: 102.730 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081304.D
 Acq: 05 Mar 2024 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Tgt Ion:105 Resp: 2336398
 Ion Ratio Lower Upper
 105 100
 134 19.5 8.6 25.8

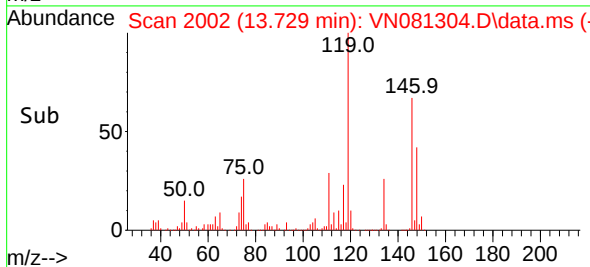
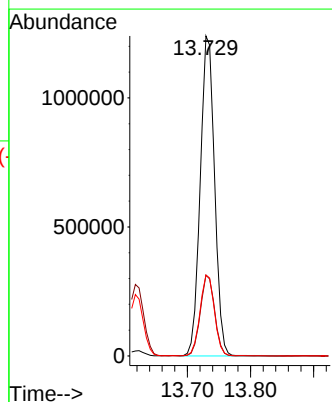
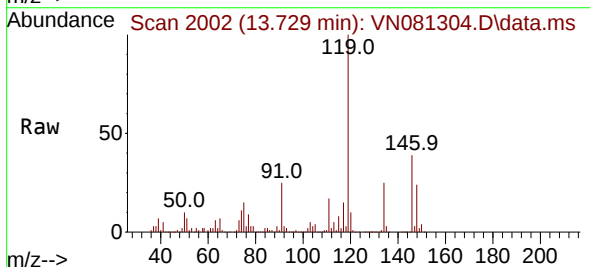
Manual Integrations
 APPROVED

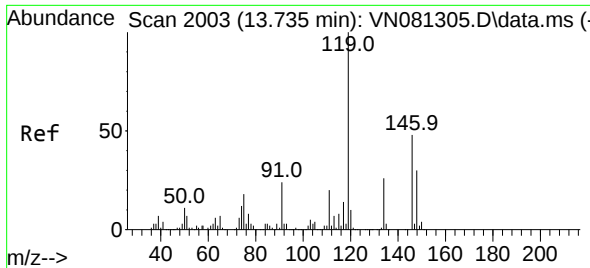
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#86
 p-Isopropyltoluene
 Concen: 107.158 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081304.D
 Acq: 05 Mar 2024 12:00

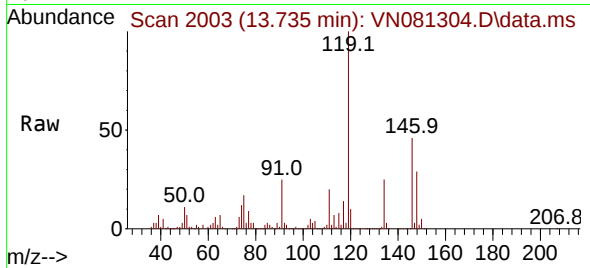
Tgt Ion:119 Resp: 1954452
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.4 37.2
 91 25.3 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 93.663 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081304.D
 Acq: 05 Mar 2024 12:00

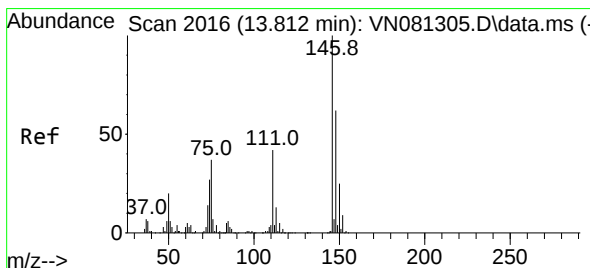
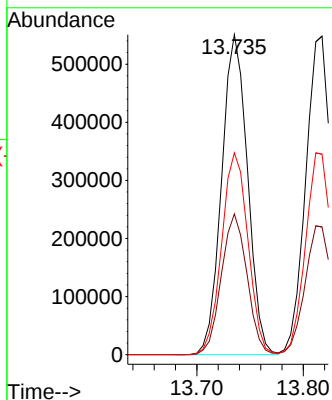
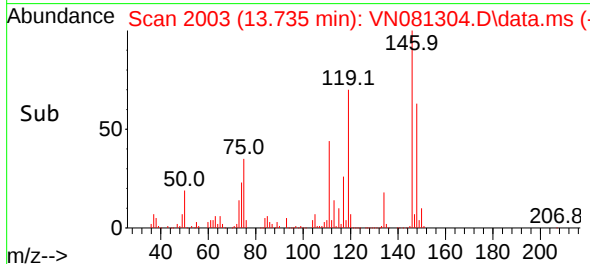
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



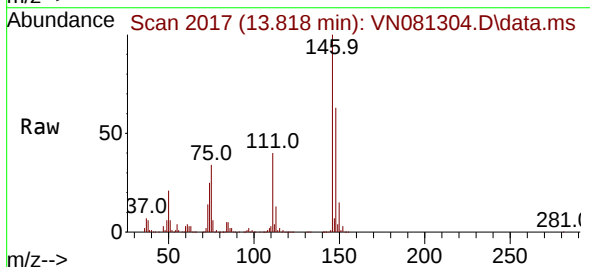
Tgt Ion:146 Resp: 93019
 Ion Ratio Lower Upper
 146 100
 111 43.6 23.9 71.7
 148 64.2 32.6 97.7

Manual Integrations
 APPROVED

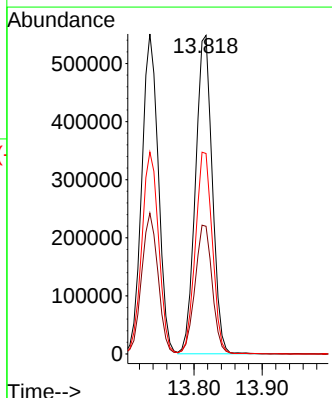
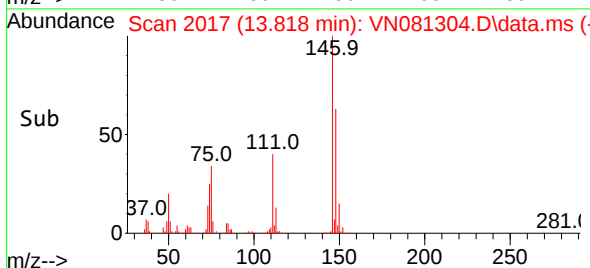
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024

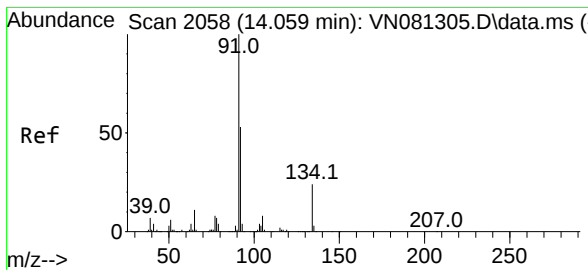


#88
 1,4-Dichlorobenzene
 Concen: 94.041 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN081304.D
 Acq: 05 Mar 2024 12:00



Tgt Ion:146 Resp: 933490
 Ion Ratio Lower Upper
 146 100
 111 41.0 22.6 67.7
 148 64.0 31.9 95.5





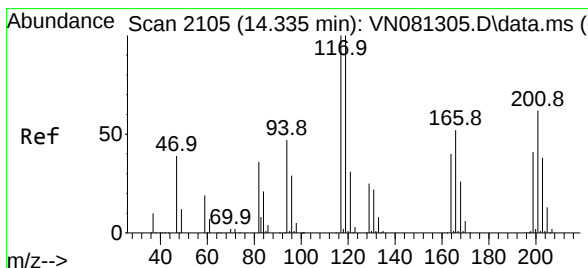
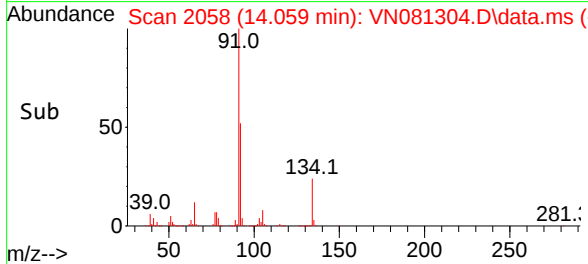
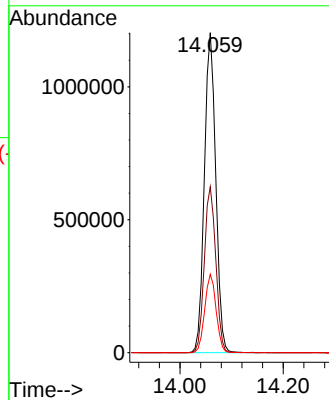
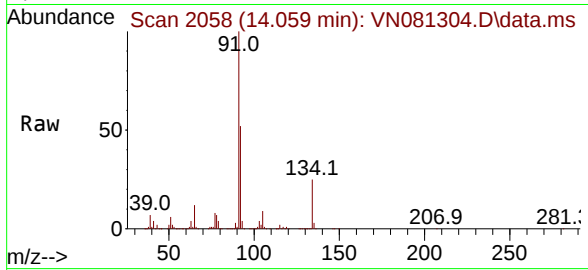
#89
n-Butylbenzene
Concen: 109.995 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1839789
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.1
134 24.5 10.8 32.4

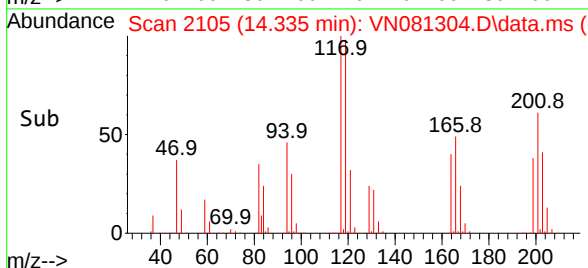
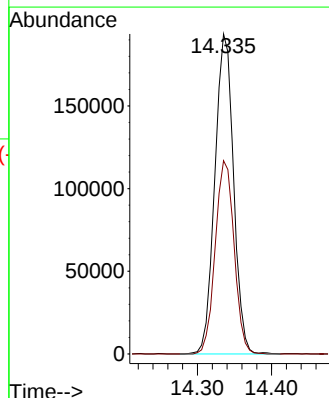
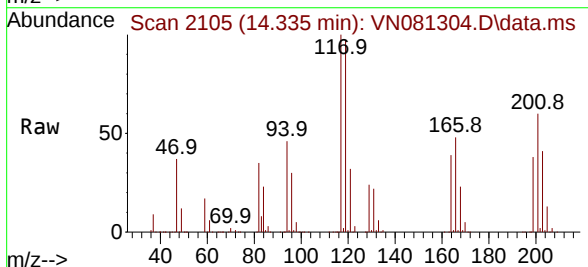
Manual Integrations
APPROVED

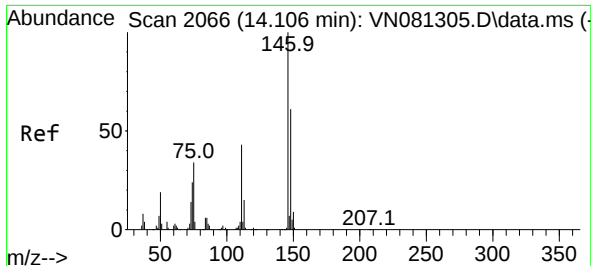
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#90
Hexachloroethane
Concen: 106.190 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

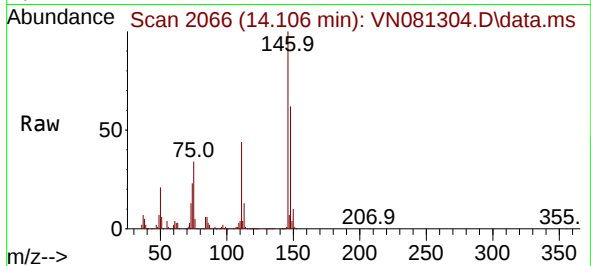
Tgt Ion:117 Resp: 339087
Ion Ratio Lower Upper
117 100
201 60.9 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 94.175 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

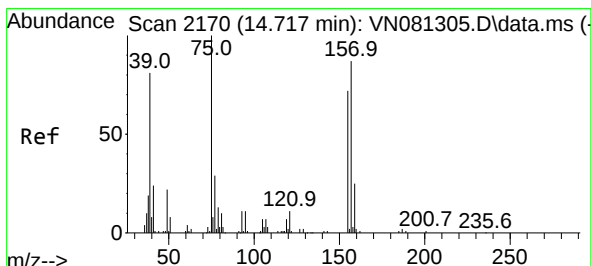
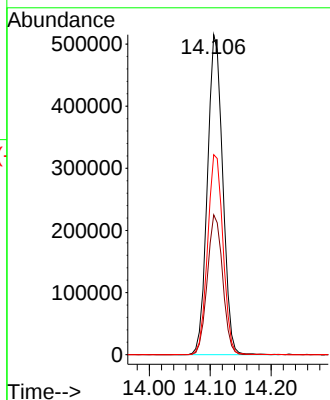
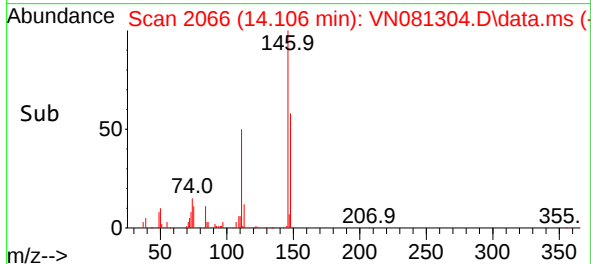
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



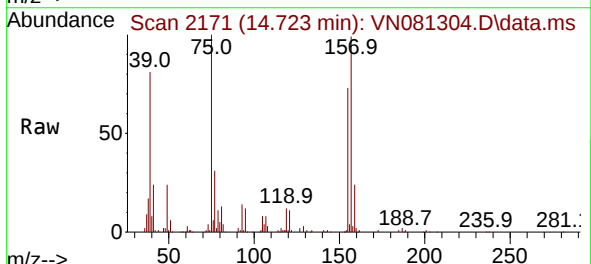
Tgt Ion:146 Resp: 897344
Ion Ratio Lower Upper
146 100
111 43.7 23.9 71.8
148 62.8 31.4 94.0

Manual Integrations
APPROVED

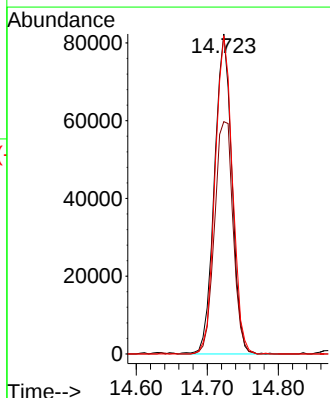
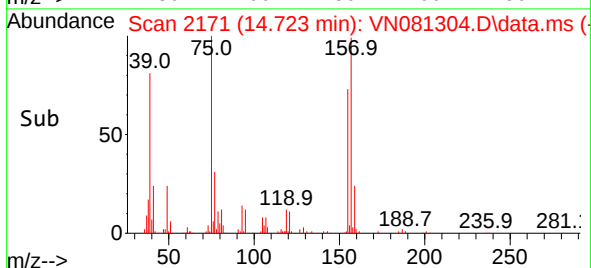
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

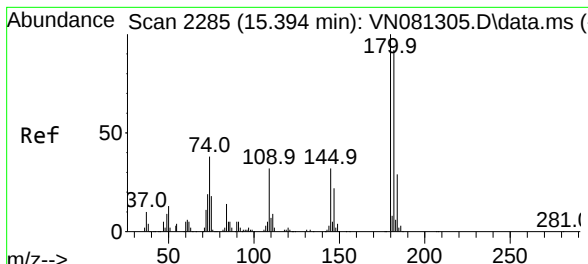


#92
1,2-Dibromo-3-Chloropropane
Concen: 95.466 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00



Tgt Ion: 75 Resp: 139855
Ion Ratio Lower Upper
75 100
155 77.5 31.8 95.4
157 99.1 41.1 123.4





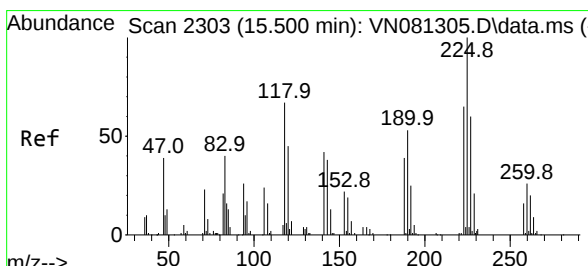
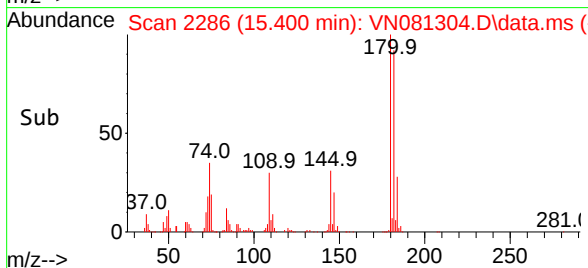
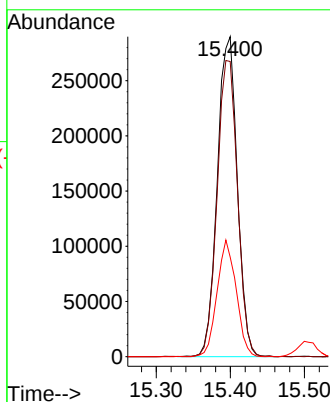
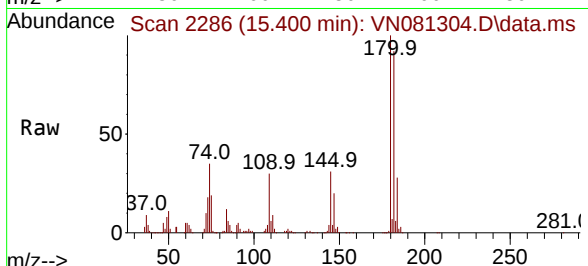
#93
1,2,4-Trichlorobenzene
Concen: 106.566 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 542764
Ion Ratio Lower Upper
180 100
182 94.6 46.6 139.7
145 34.8 16.8 50.3

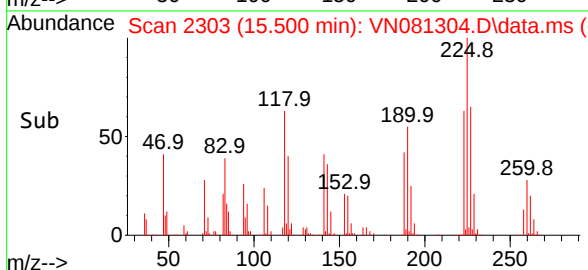
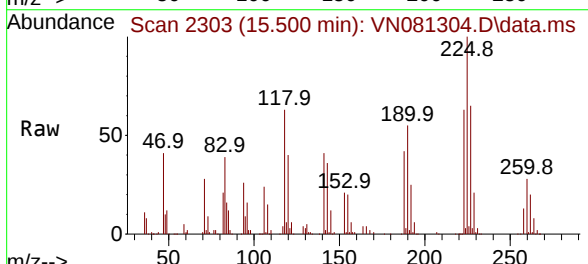
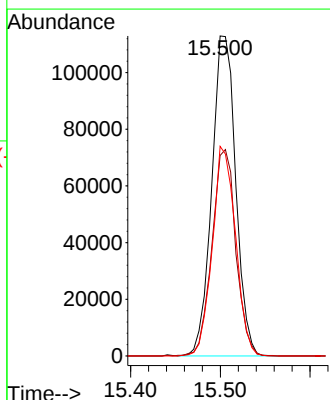
Manual Integrations
APPROVED

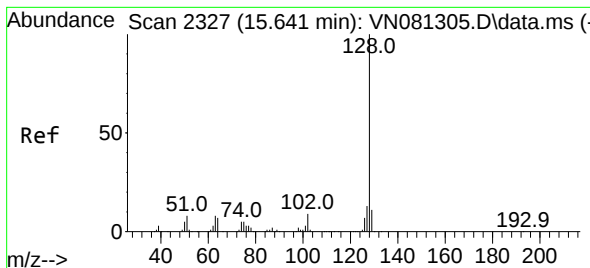
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#94
Hexachlorobutadiene
Concen: 99.335 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN081304.D
Acq: 05 Mar 2024 12:00

Tgt Ion:225 Resp: 209056
Ion Ratio Lower Upper
225 100
223 64.4 33.3 99.8
227 63.6 33.1 99.2





#95

Naphthalene

Concen: 105.861 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 191854

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

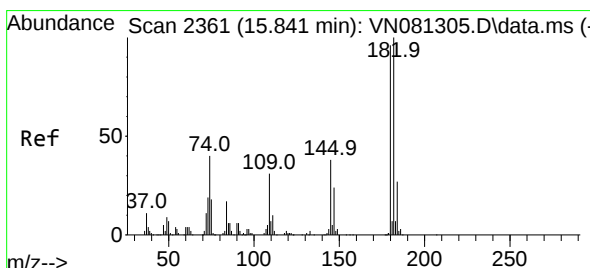
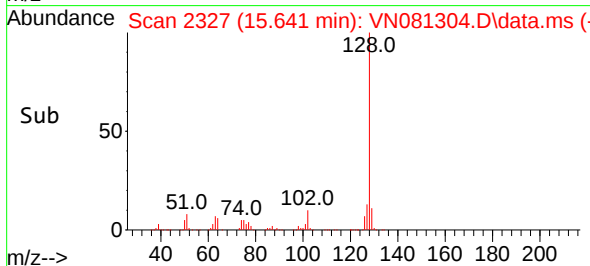
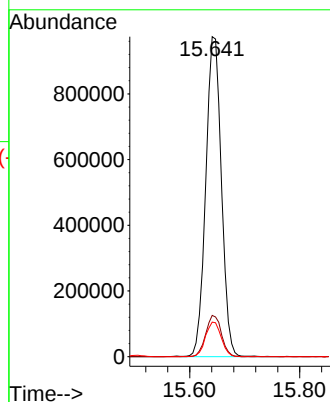
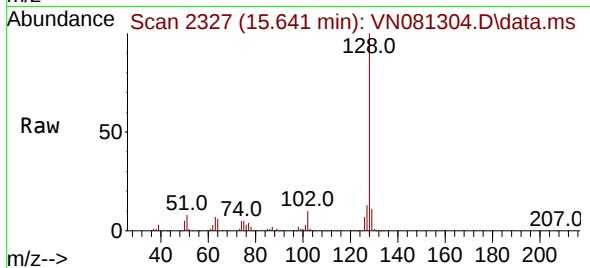
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#96

1,2,3-Trichlorobenzene

Concen: 103.965 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081304.D

Acq: 05 Mar 2024 12:00

Tgt Ion:180 Resp: 536990

Ion Ratio Lower Upper

180 100

182 94.5 46.5 139.3

145 34.4 17.8 53.4

