

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081325.D
 Acq On : 06 Mar 2024 14:38
 Operator : JC\MD
 Sample : VN0306WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 00:26:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	297869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	555326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	505780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	225999	52.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.940%			
35) Dibromofluoromethane	8.171	113	176647	51.920	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.840%			
50) Toluene-d8	10.571	98	660855	51.960	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.920%			
62) 4-Bromofluorobenzene	12.853	95	224877	50.026	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81835	20.725	ug/l	94
3) Chloromethane	2.359	50	77030	18.060	ug/l	98
4) Vinyl Chloride	2.512	62	84623	19.019	ug/l #	89
5) Bromomethane	2.953	94	51939	17.478	ug/l	92
6) Chloroethane	3.124	64	57786	18.909	ug/l	98
7) Trichlorofluoromethane	3.500	101	124208	18.870	ug/l	91
8) Diethyl Ether	3.953	74	41234	17.781	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	67800	18.088	ug/l	92
10) Methyl Iodide	4.583	142	65105	18.980	ug/l	97
11) Tert butyl alcohol	5.524	59	74935	99.504	ug/l	99
12) 1,1-Dichloroethene	4.341	96	62688	18.059	ug/l	96
13) Acrolein	4.183	56	82624	92.654	ug/l	94
14) Allyl chloride	5.018	41	93059	18.064	ug/l #	90
15) Acrylonitrile	5.718	53	192772	97.984	ug/l	97
16) Acetone	4.424	43	154175	101.036	ug/l	98
17) Carbon Disulfide	4.718	76	177500	17.916	ug/l	99
18) Methyl Acetate	5.030	43	97210	22.251	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	217136	18.443	ug/l	95
20) Methylene Chloride	5.289	84	76369	19.770	ug/l	86
21) trans-1,2-Dichloroethene	5.794	96	69384	17.729	ug/l	87
22) Diisopropyl ether	6.671	45	224504	19.621	ug/l #	97
23) Vinyl Acetate	6.606	43	878959	94.557	ug/l	95
24) 1,1-Dichloroethane	6.571	63	133190	19.016	ug/l	99
25) 2-Butanone	7.488	43	254694	99.666	ug/l	95
26) 2,2-Dichloropropane	7.494	77	108419	17.514	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	81387	18.343	ug/l	90
28) Bromochloromethane	7.818	49	54553	18.202	ug/l #	68
29) Tetrahydrofuran	7.841	42	175028	100.442	ug/l	90
30) Chloroform	7.965	83	138538	19.060	ug/l	94
31) Cyclohexane	8.265	56	114723	17.594	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	125609	19.551	ug/l	88
36) 1,1-Dichloropropene	8.371	75	100789	18.362	ug/l	95
37) Ethyl Acetate	7.559	43	105185	19.603	ug/l	98
38) Carbon Tetrachloride	8.371	117	107650	19.487	ug/l	97
39) Methylcyclohexane	9.606	83	113541	17.974	ug/l	90
40) Benzene	8.612	78	306608	18.714	ug/l	97

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Quant Time: Mar 07 00:26:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	54491	17.983	ug/l	94
42) 1,2-Dichloroethane	8.671	62	111574	19.315	ug/l	98
43) Isopropyl Acetate	8.694	43	294045	31.310	ug/l #	86
44) Trichloroethene	9.353	130	75265	18.214	ug/l	98
45) 1,2-Dichloropropane	9.624	63	77029	18.716	ug/l	100
46) Dibromomethane	9.712	93	55986	19.299	ug/l	92
47) Bromodichloromethane	9.888	83	108729	19.306	ug/l #	98
48) Methyl methacrylate	9.682	41	77481	18.665	ug/l	88
49) 1,4-Dioxane	9.700	88	34738	379.662	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	537526	98.572	ug/l	96
52) Toluene	10.635	92	190367	19.235	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	113652	18.651	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	122388	18.605	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	76326	19.447	ug/l	91
56) Ethyl methacrylate	10.876	69	110669	19.637	ug/l	92
57) 1,3-Dichloropropane	11.165	76	125161	18.272	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	303728	100.191	ug/l #	90
59) 2-Hexanone	11.200	43	403847	99.063	ug/l	96
60) Dibromochloromethane	11.365	129	78920	19.525	ug/l	99
61) 1,2-Dibromoethane	11.470	107	75123	18.448	ug/l	94
64) Tetrachloroethene	11.106	164	59824	15.106	ug/l	96
65) Chlorobenzene	11.894	112	194957	18.292	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.965	131	72759	18.656	ug/l	99
67) Ethyl Benzene	11.965	91	348264	18.140	ug/l	99
68) m/p-Xylenes	12.070	106	262968	36.395	ug/l	98
69) o-Xylene	12.400	106	128544	18.357	ug/l	93
70) Styrene	12.412	104	206233	18.585	ug/l	97
71) Bromoform	12.582	173	48183	17.795	ug/l #	95
73) Isopropylbenzene	12.700	105	330665	18.299	ug/l	96
74) N-amyl acetate	12.494	43	148426	19.576	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	110735	19.857	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	100543m	19.022	ug/l	
77) Bromobenzene	12.982	156	74353	17.354	ug/l	84
78) n-propylbenzene	13.041	91	397257	18.587	ug/l	96
79) 2-Chlorotoluene	13.129	91	241454	18.482	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	283758	18.996	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	33839	17.867	ug/l #	84
82) 4-Chlorotoluene	13.223	91	237329	18.392	ug/l	98
83) tert-Butylbenzene	13.441	119	237837	18.572	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	287030	18.966	ug/l	99
85) sec-Butylbenzene	13.617	105	342738	18.500	ug/l	96
86) p-Isopropyltoluene	13.735	119	272278	18.326	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	139138	17.199	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	143335	17.726	ug/l	97
89) n-Butylbenzene	14.059	91	239032	17.544	ug/l	97
90) Hexachloroethane	14.335	117	48755	18.743	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	140963	18.161	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23725	19.881	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	71057	17.127	ug/l	98
94) Hexachlorobutadiene	15.505	225	27934	16.294	ug/l	96
95) Naphthalene	15.641	128	263606	17.856	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	75193	17.871	ug/l	99

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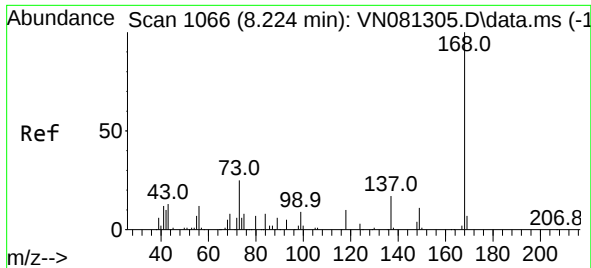
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 00:26:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

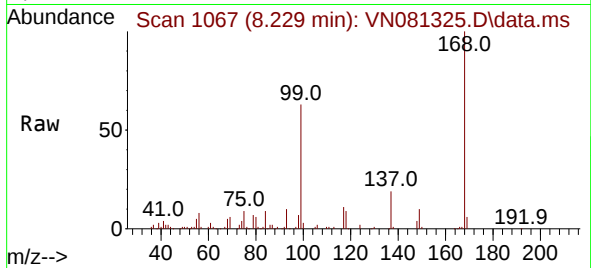
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

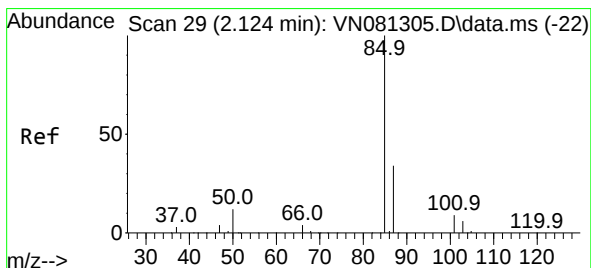
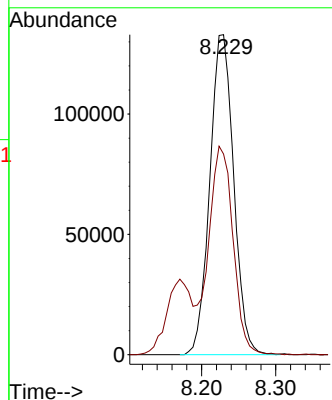
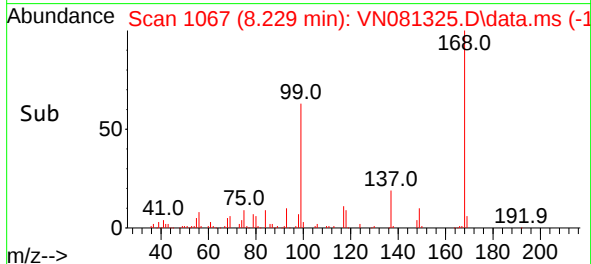
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion:168 Resp: 297869
Ion Ratio Lower Upper
168 100
99 62.5 59.9 89.9

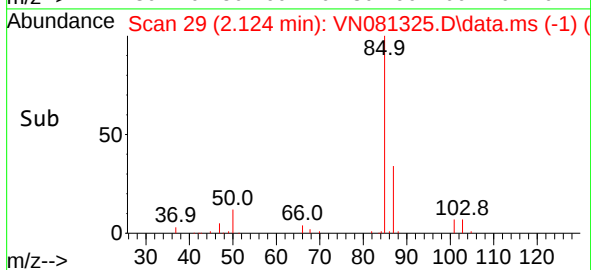
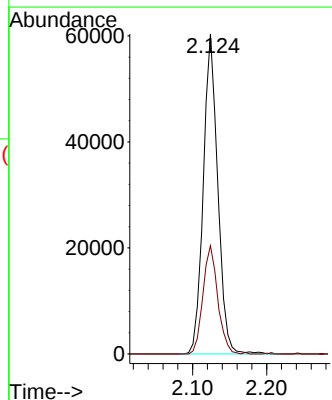
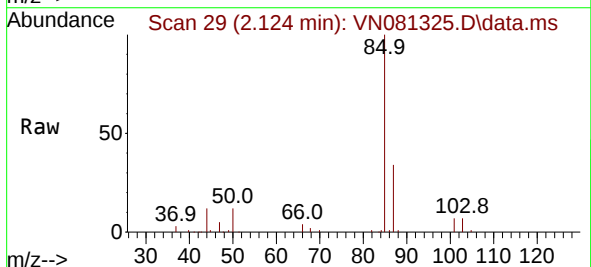
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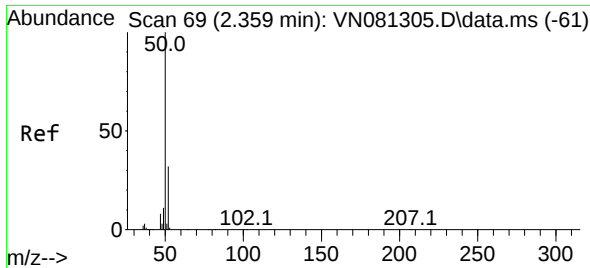
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#2
Dichlorodifluoromethane
Concen: 20.725 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

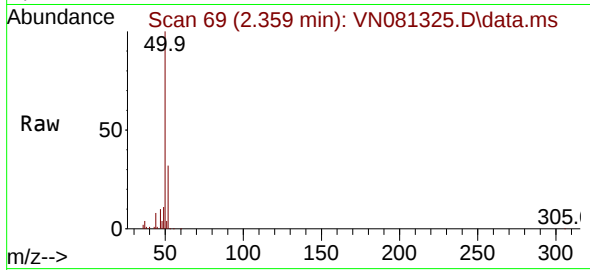
Tgt Ion: 85 Resp: 81835
Ion Ratio Lower Upper
85 100
87 33.9 15.3 45.9





#3
Chloromethane
Concen: 18.060 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

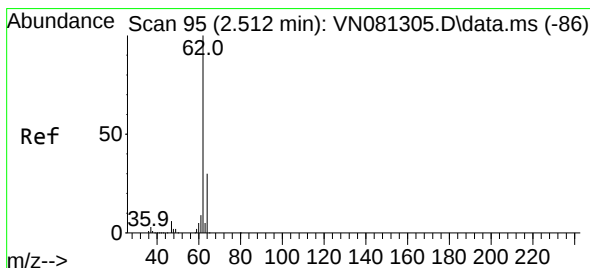
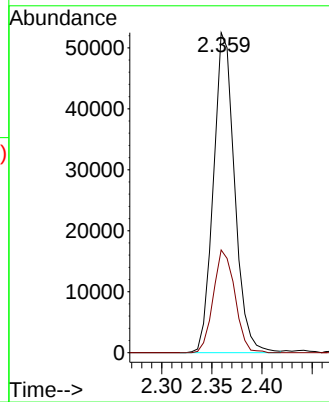
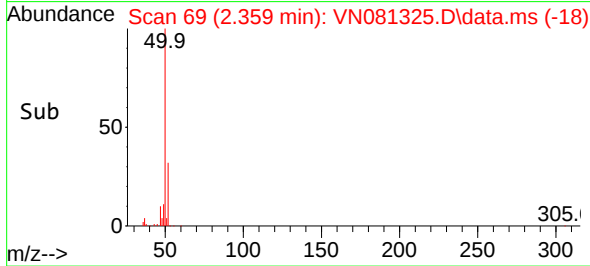
Instrument :
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Tgt Ion: 50 Resp: 77030
Ion Ratio Lower Upper
50 100
52 32.1 25.0 37.4

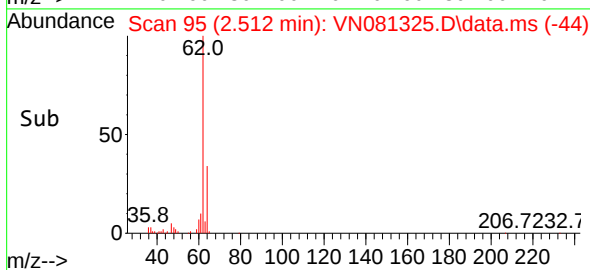
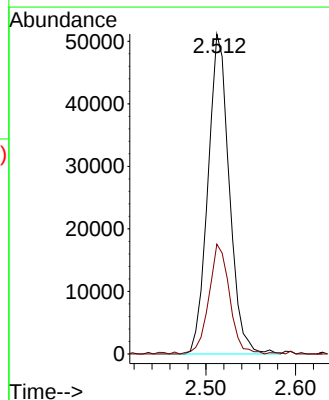
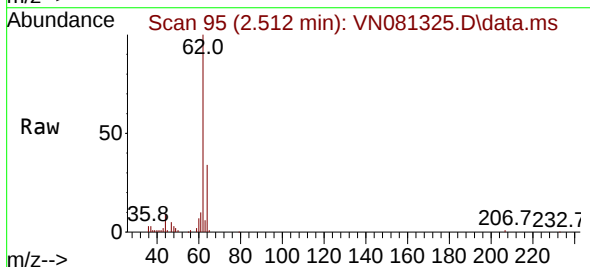
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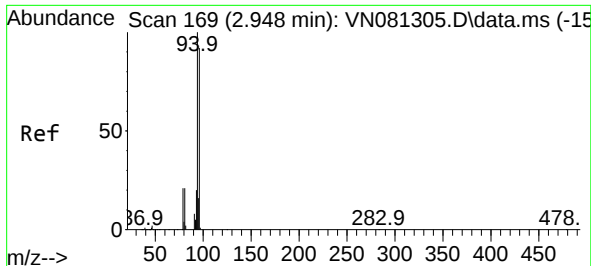
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#4
Vinyl Chloride
Concen: 19.019 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Tgt Ion: 62 Resp: 84623
Ion Ratio Lower Upper
62 100
64 34.3 22.7 34.1





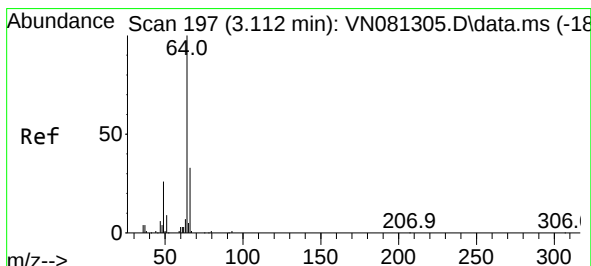
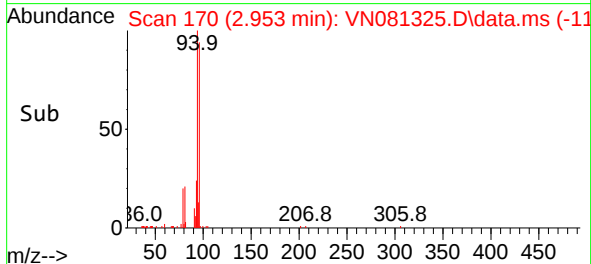
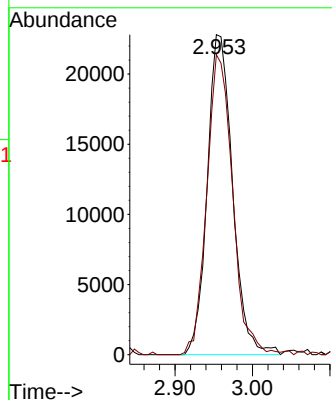
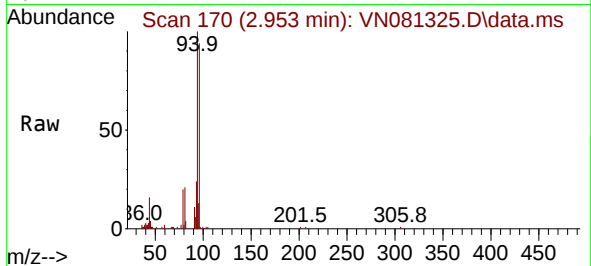
#5
Bromomethane
Concen: 17.478 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 51939
Ion Ratio Lower Upper
94 100
96 93.8 69.2 103.8

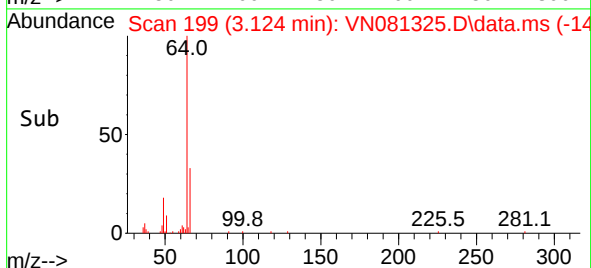
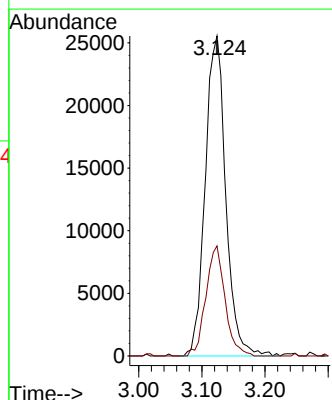
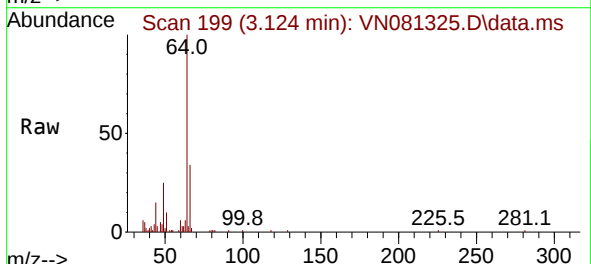
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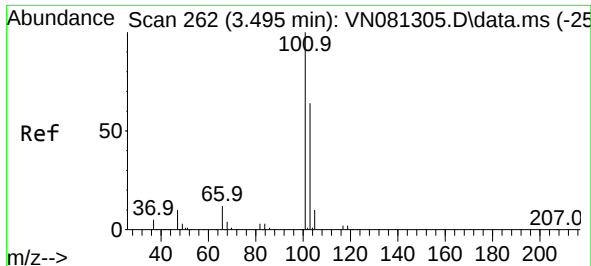
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#6
Chloroethane
Concen: 18.909 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Tgt Ion: 64 Resp: 57786
Ion Ratio Lower Upper
64 100
66 34.4 26.4 39.6





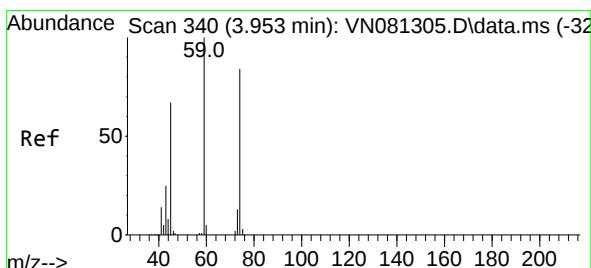
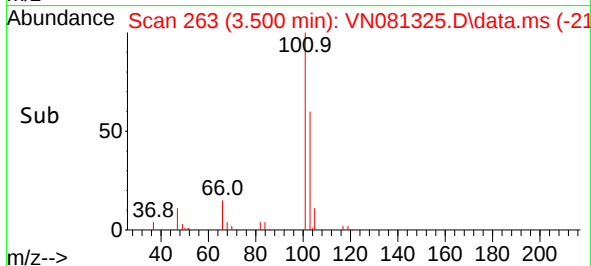
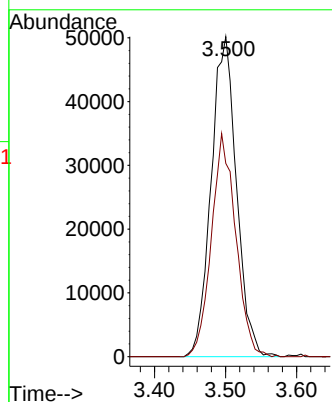
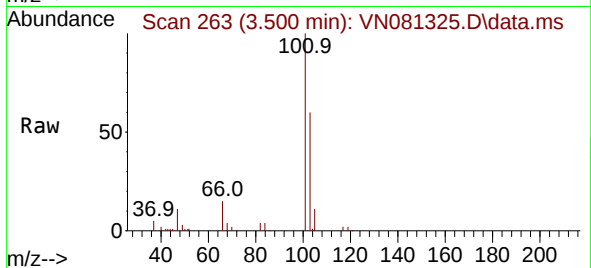
#7
Trichlorofluoromethane
Concen: 18.870 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

Tgt Ion:101 Resp: 124208
Ion Ratio Lower Upper
101 100
103 60.4 54.4 81.6

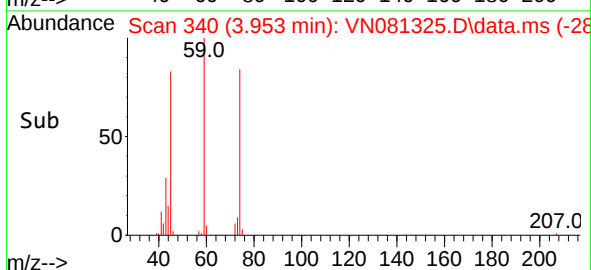
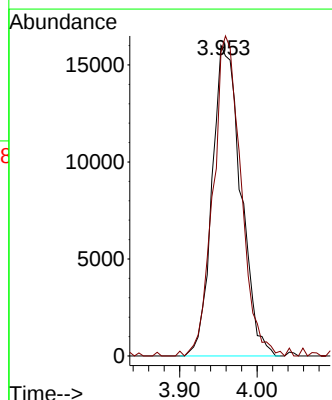
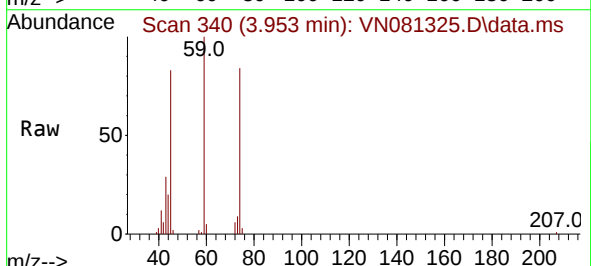
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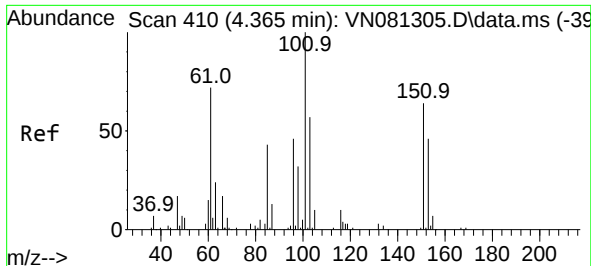
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#8
Diethyl Ether
Concen: 17.781 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Tgt Ion: 74 Resp: 41234
Ion Ratio Lower Upper
74 100
45 99.9 53.3 159.9





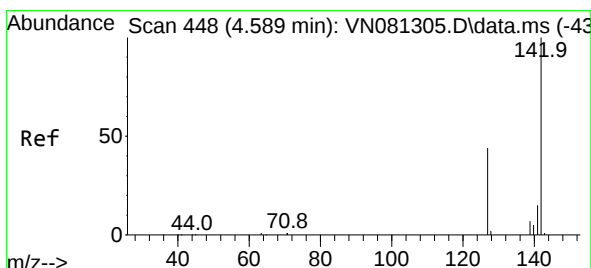
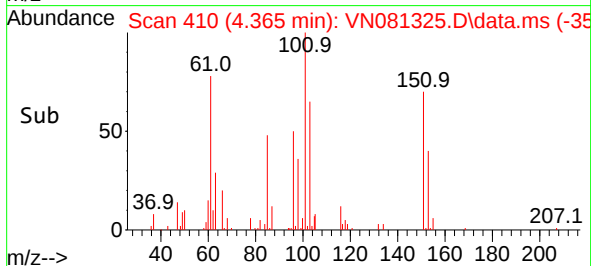
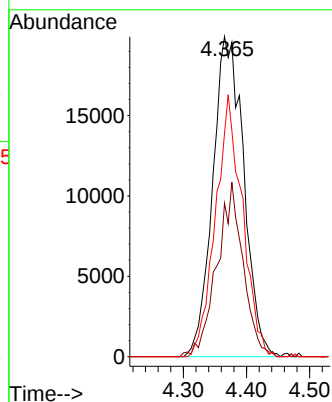
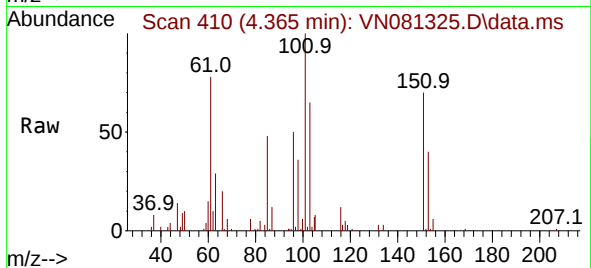
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.088 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

Tgt Ion:101 Resp: 67800
Ion Ratio Lower Upper
101 100
85 46.0 38.1 57.1
151 71.2 49.1 73.7

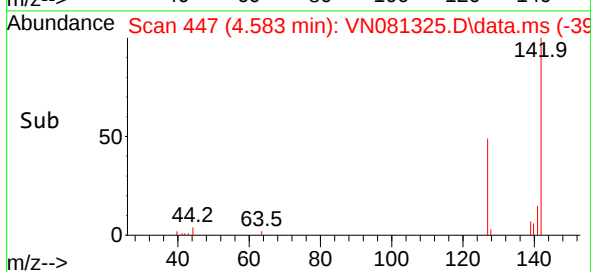
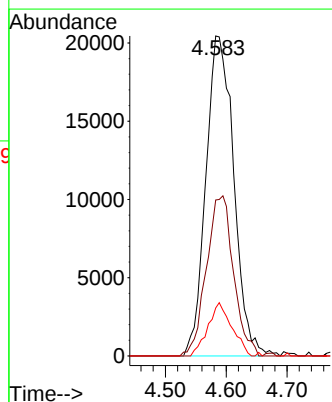
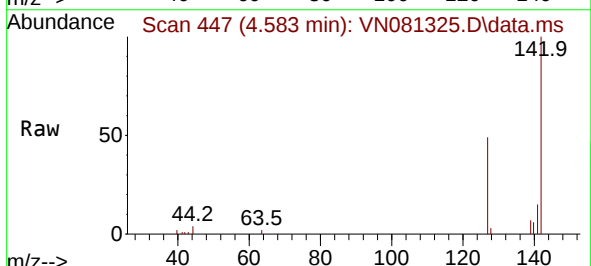
Manual Integrations
APPROVED

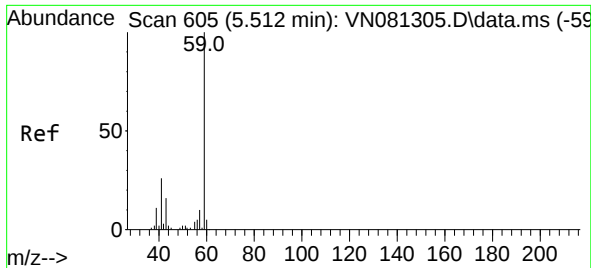
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#10
Methyl Iodide
Concen: 18.980 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

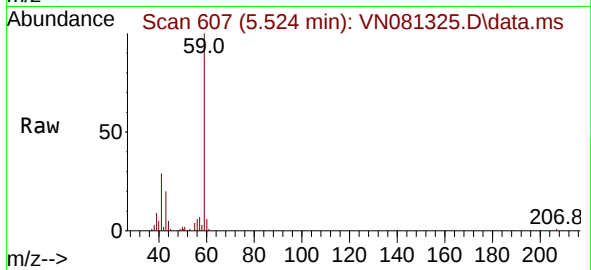
Tgt Ion:142 Resp: 65105
Ion Ratio Lower Upper
142 100
127 48.7 37.0 55.4
141 15.0 12.5 18.7





#11
Tert butyl alcohol
Concen: 99.504 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

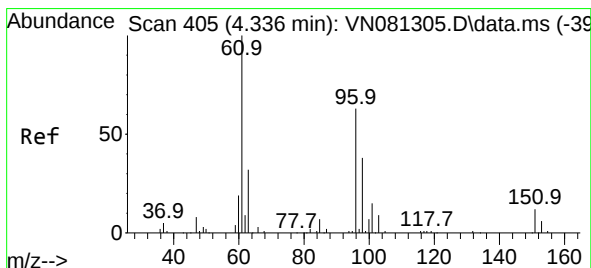
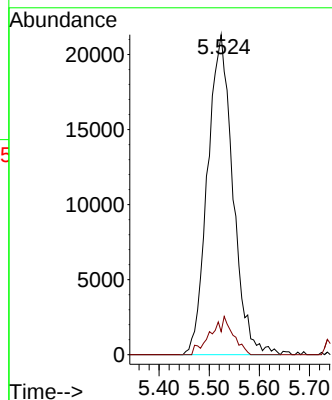
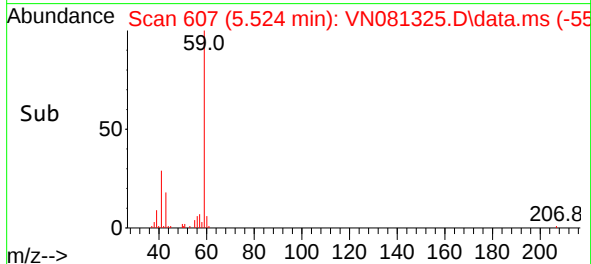
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



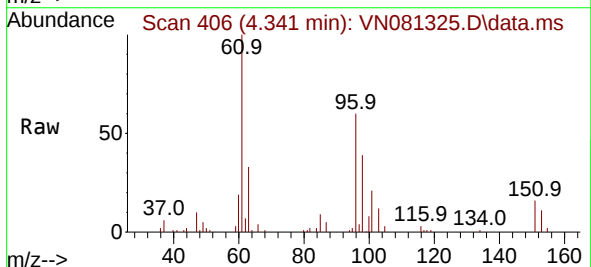
Tgt Ion: 59 Resp: 7493
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

Manual Integrations
APPROVED

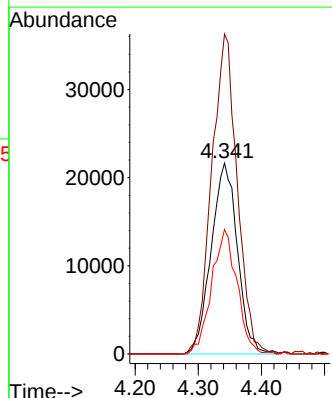
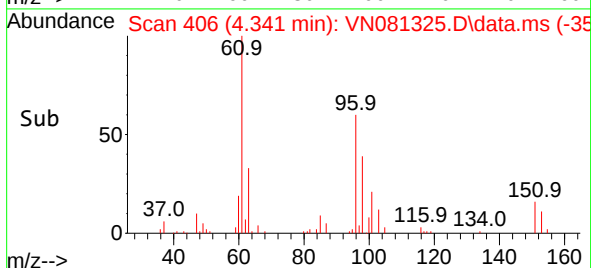
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

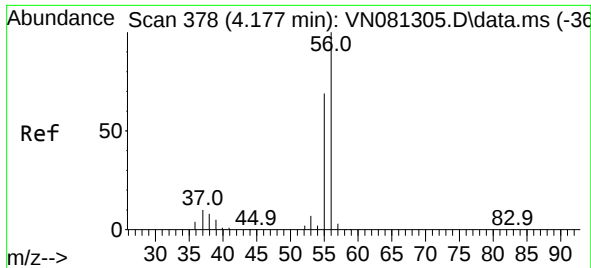


#12
1,1-Dichloroethene
Concen: 18.059 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38



Tgt Ion: 96 Resp: 62688
Ion Ratio Lower Upper
96 100
61 167.7 138.2 207.4
98 65.2 49.2 73.8





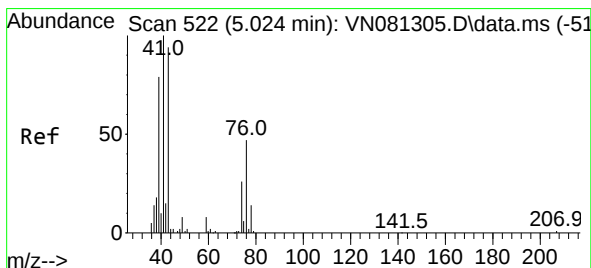
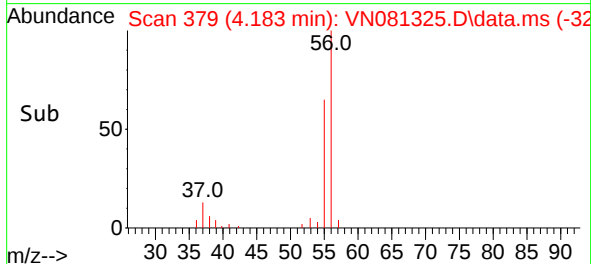
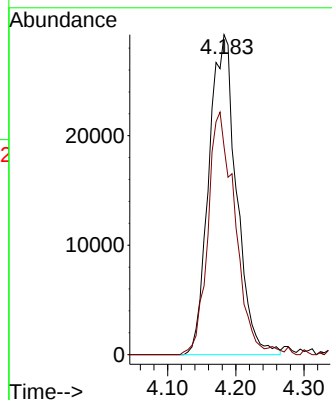
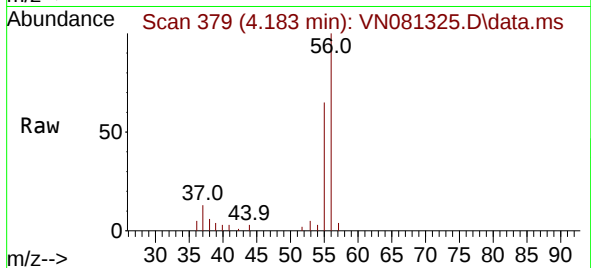
#13
Acrolein
Concen: 92.654 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

Tgt Ion: 56 Resp: 82624
Ion Ratio Lower Upper
56 100
55 73.8 55.3 82.9

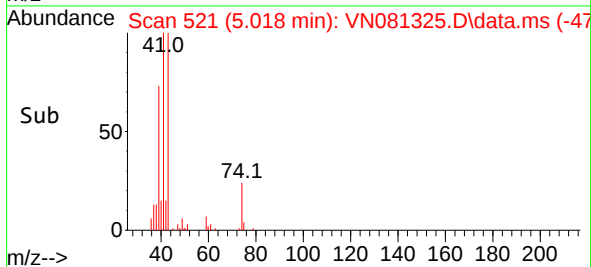
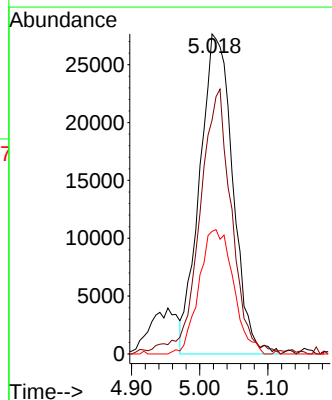
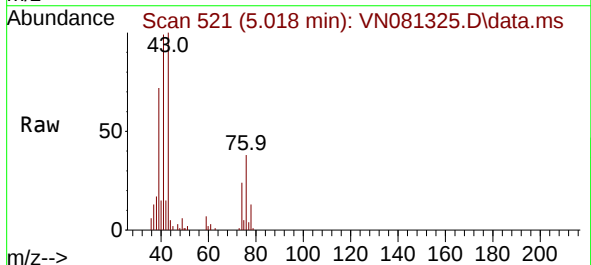
Manual Integrations
APPROVED

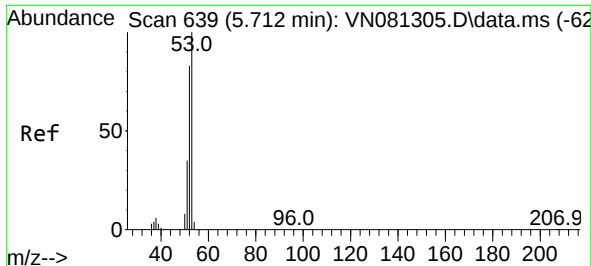
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#14
Allyl chloride
Concen: 18.064 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

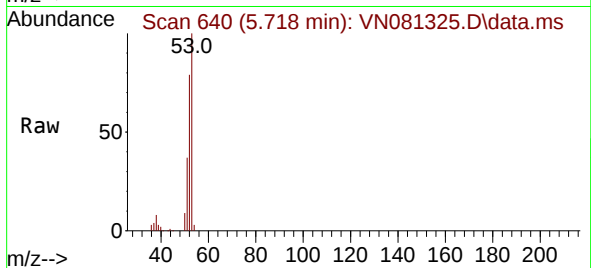
Tgt Ion: 41 Resp: 93059
Ion Ratio Lower Upper
41 100
39 80.2 57.7 86.5
76 40.4 26.8 40.2#





#15
Acrylonitrile
Concen: 97.984 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

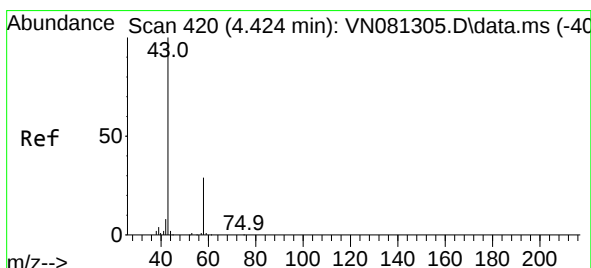
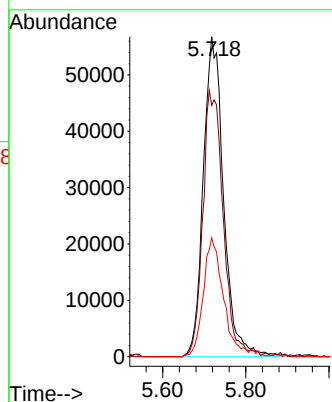
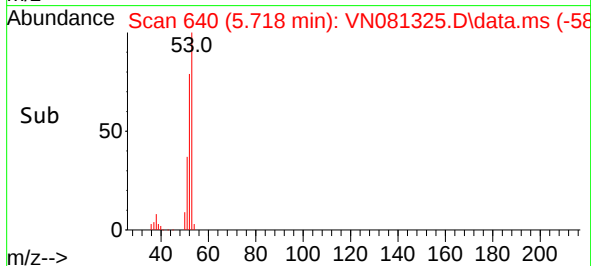
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion: 53 Resp: 192772
Ion Ratio Lower Upper
53 100
52 83.3 64.8 97.2
51 36.3 26.9 40.3

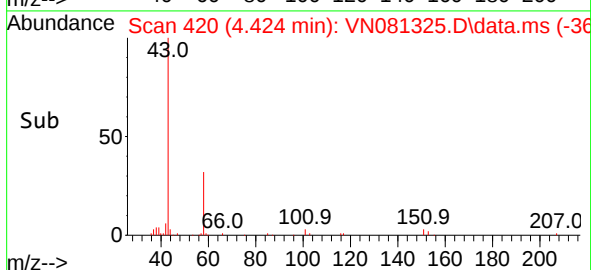
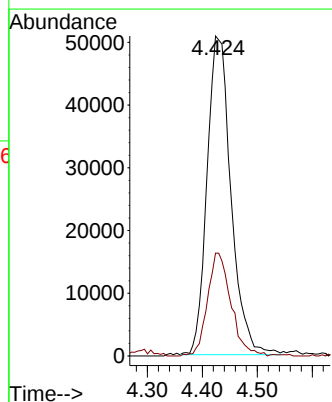
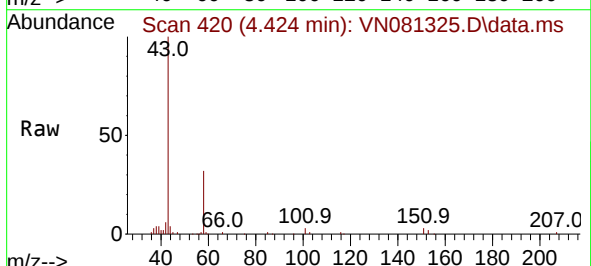
Manual Integrations
APPROVED

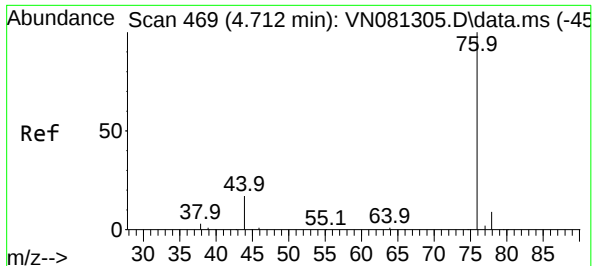
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#16
Acetone
Concen: 101.036 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

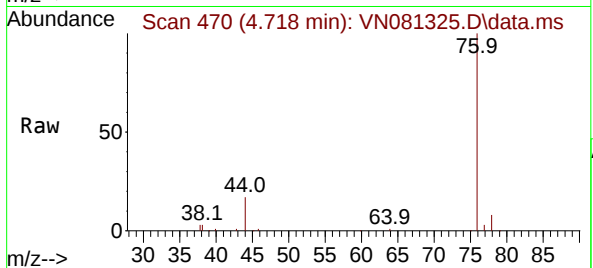
Tgt Ion: 43 Resp: 154175
Ion Ratio Lower Upper
43 100
58 32.3 24.8 37.2





#17
Carbon Disulfide
Concen: 17.916 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

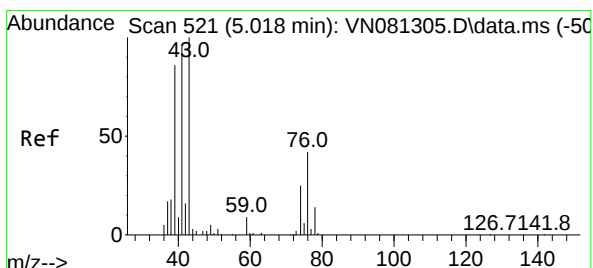
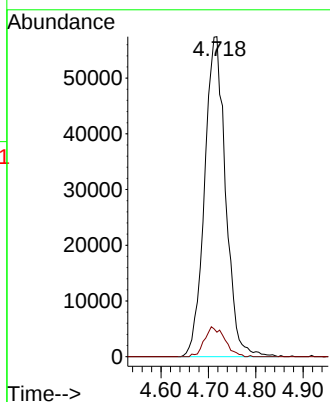
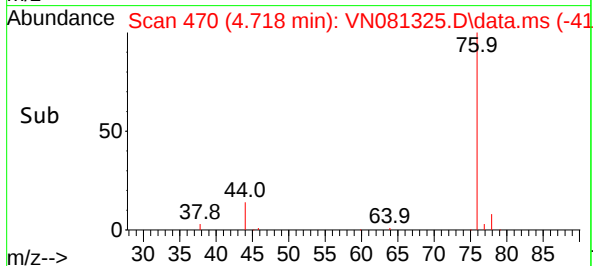
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion: 76 Resp: 177500
Ion Ratio Lower Upper
76 100
78 7.7 6.3 9.5

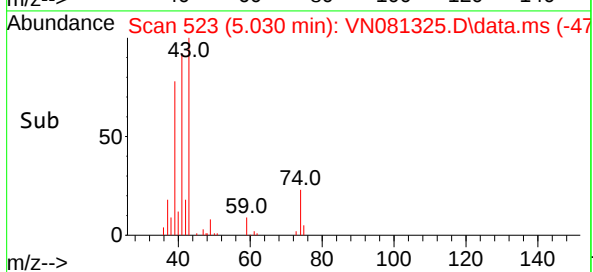
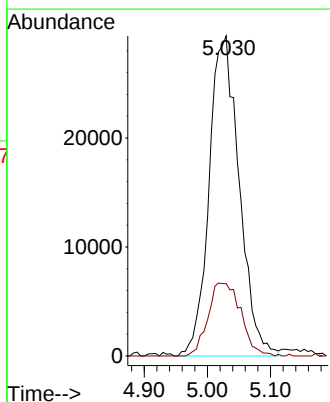
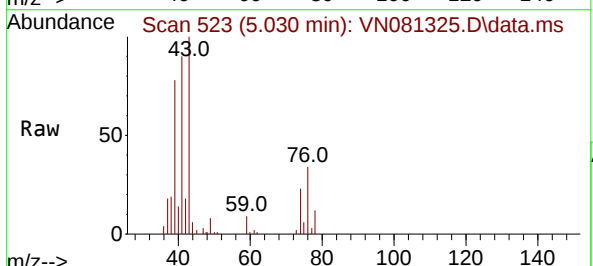
Manual Integrations
APPROVED

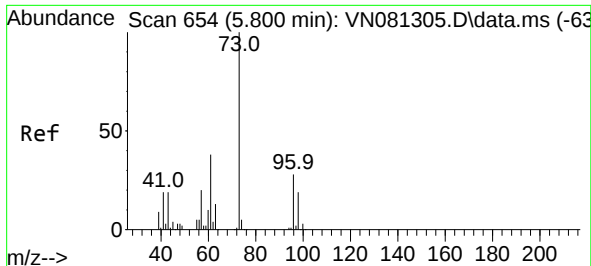
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#18
Methyl Acetate
Concen: 22.251 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

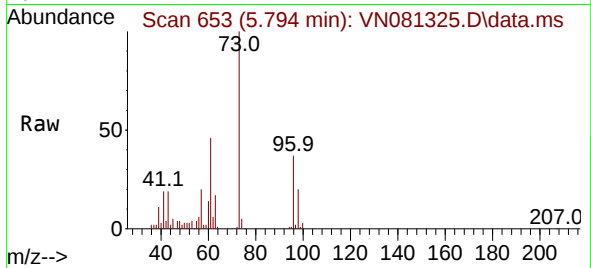
Tgt Ion: 43 Resp: 97210
Ion Ratio Lower Upper
43 100
74 24.8 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 18.443 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

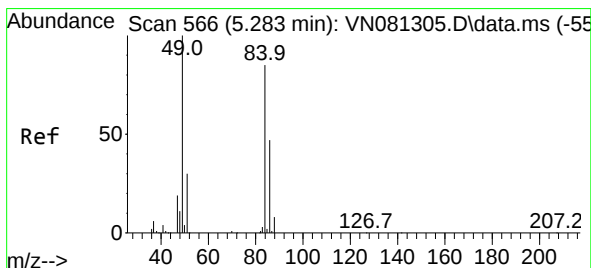
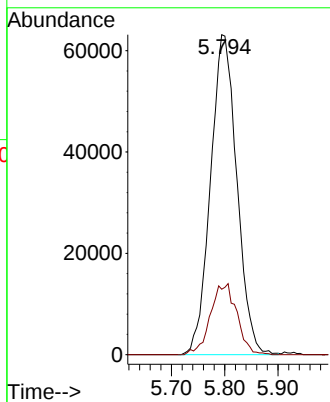
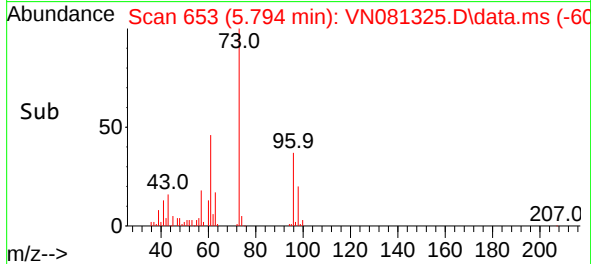
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion: 73 Resp: 217130
Ion Ratio Lower Upper
73 100
57 20.5 18.2 27.4

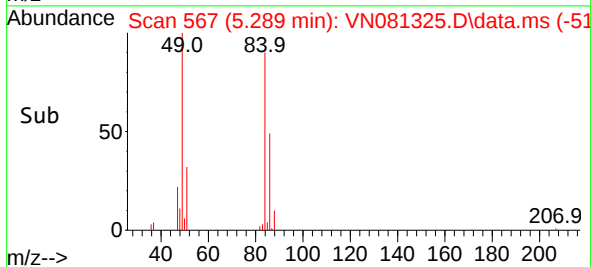
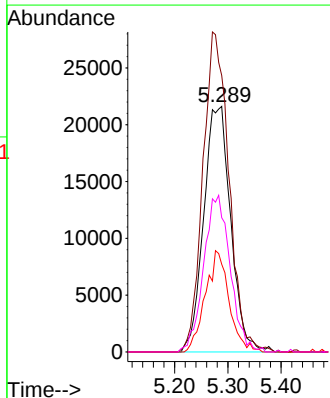
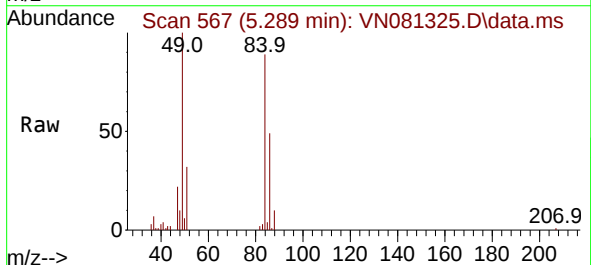
Manual Integrations
APPROVED

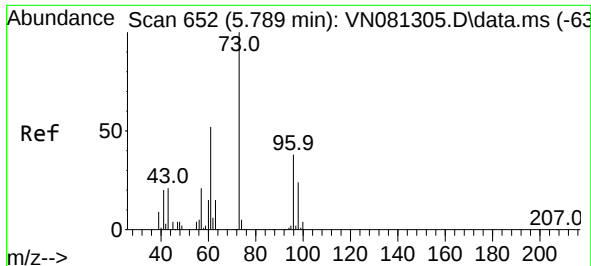
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#20
Methylene Chloride
Concen: 19.770 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

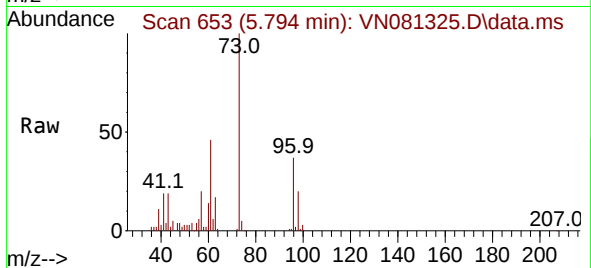
Tgt Ion: 84 Resp: 76369
Ion Ratio Lower Upper
84 100
49 112.6 108.1 162.1
51 35.7 32.9 49.3
86 54.7 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 17.729 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

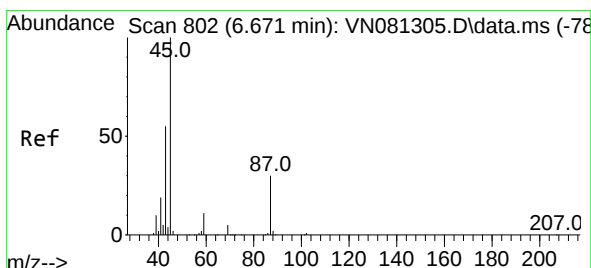
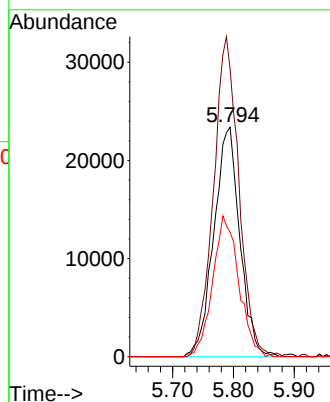
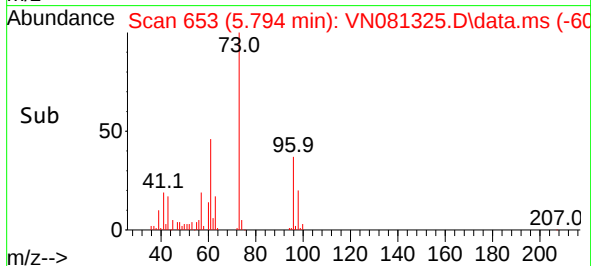
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion: 96 Resp: 69384
Ion Ratio Lower Upper
96 100
61 125.2 112.8 169.2
98 54.2 51.0 76.4

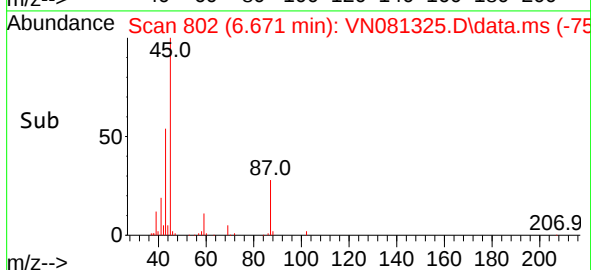
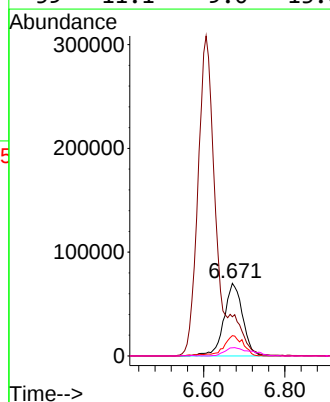
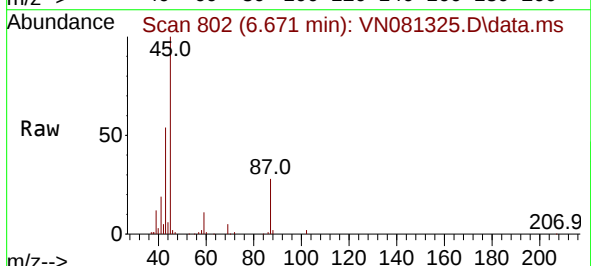
Manual Integrations
APPROVED

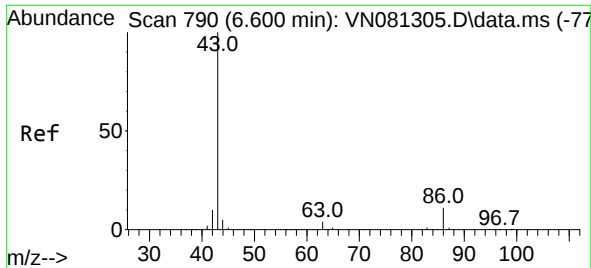
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#22
Diisopropyl ether
Concen: 19.621 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

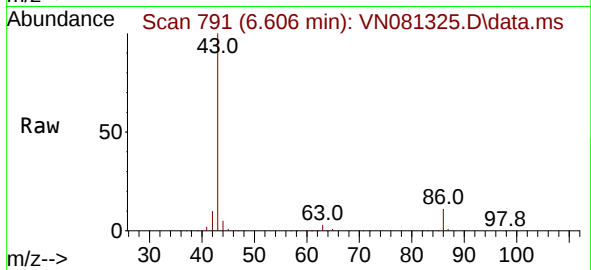
Tgt Ion: 45 Resp: 224504
Ion Ratio Lower Upper
45 100
43 53.0 41.8 62.8
87 27.8 18.1 27.1#
59 11.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 94.557 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081325.D
 Acq: 06 Mar 2024 14:38

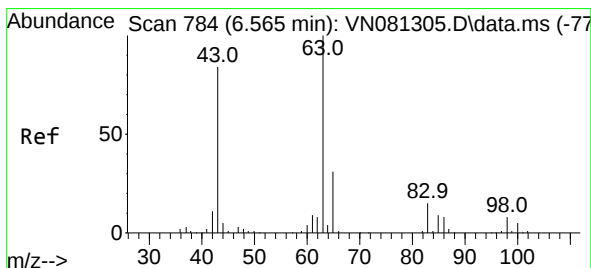
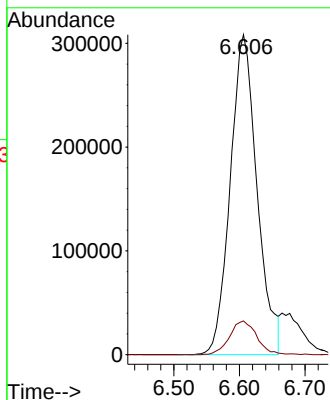
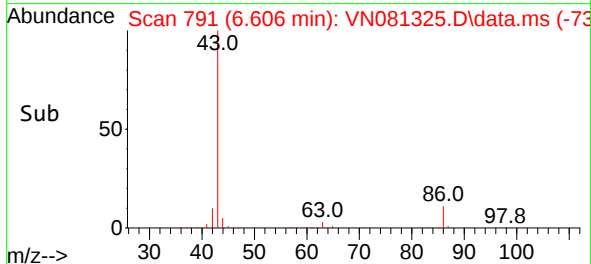
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01



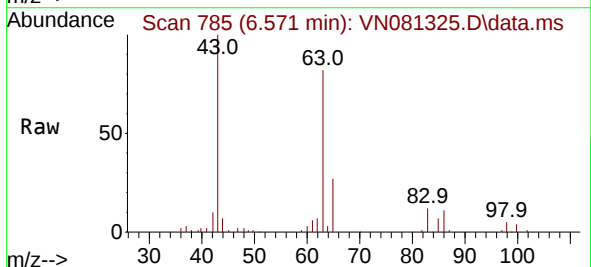
Tgt Ion: 43 Resp: 878959
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7

Manual Integrations
 APPROVED

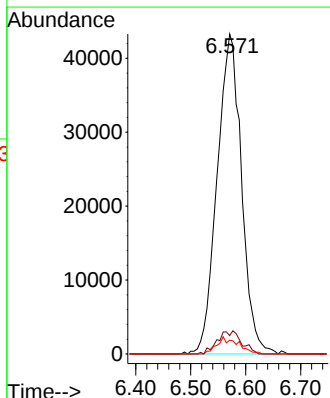
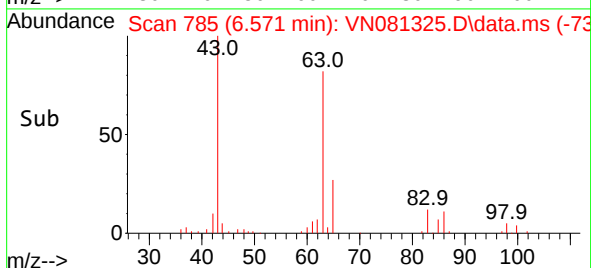
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024

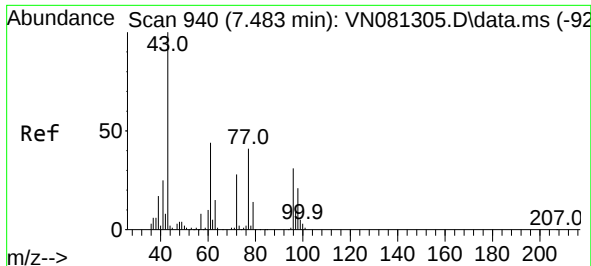


#24
 1,1-Dichloroethane
 Concen: 19.016 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081325.D
 Acq: 06 Mar 2024 14:38



Tgt Ion: 63 Resp: 133190
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 4.3 1.9 5.7





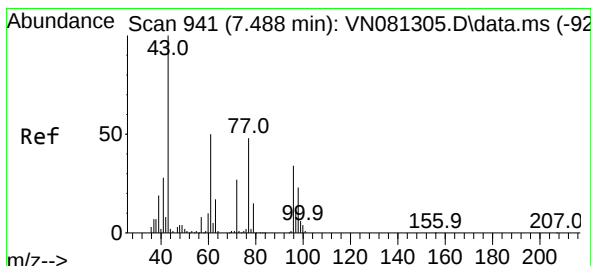
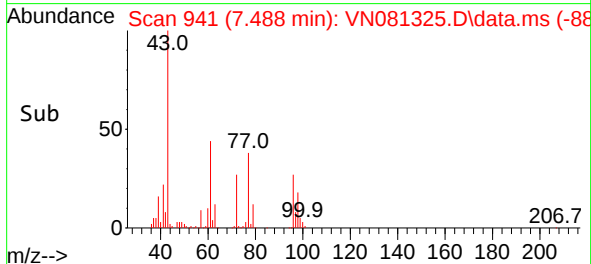
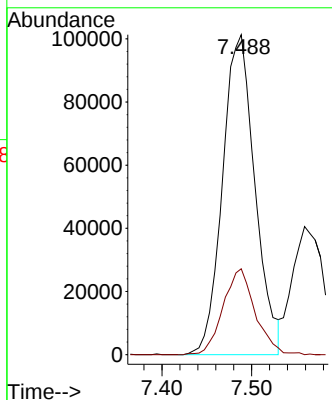
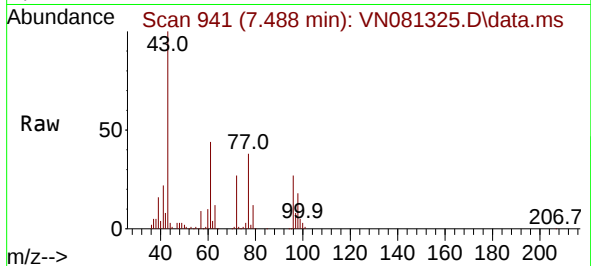
#25
2-Butanone
Concen: 99.666 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

Tgt Ion: 43 Resp: 254694
Ion Ratio Lower Upper
43 100
72 26.8 19.5 29.3

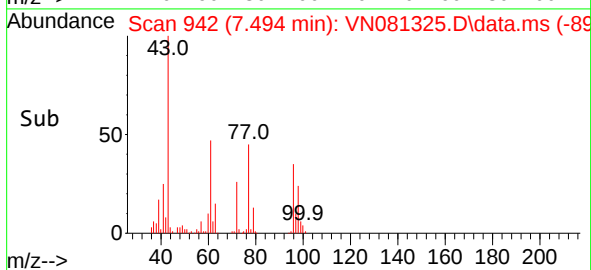
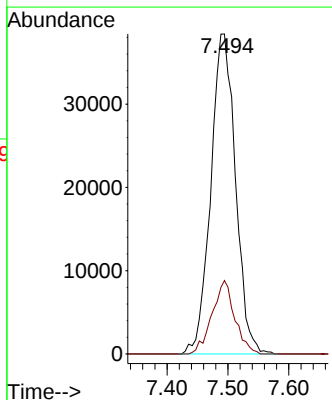
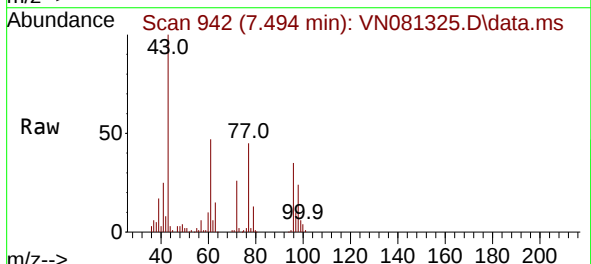
Manual Integrations
APPROVED

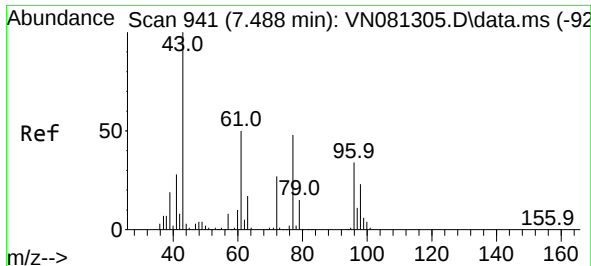
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#26
2,2-Dichloropropane
Concen: 17.514 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

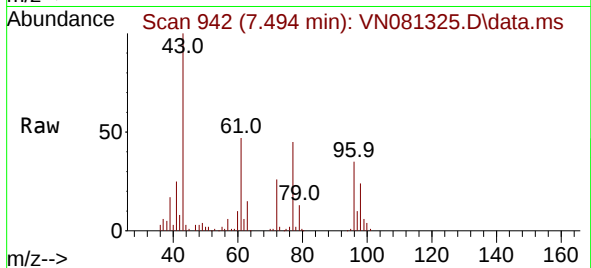
Tgt Ion: 77 Resp: 108419
Ion Ratio Lower Upper
77 100
97 21.0 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.343 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN081325.D
 Acq: 06 Mar 2024 14:38

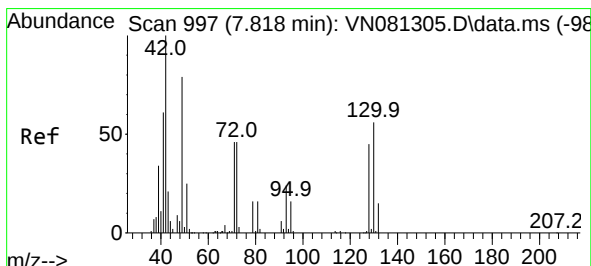
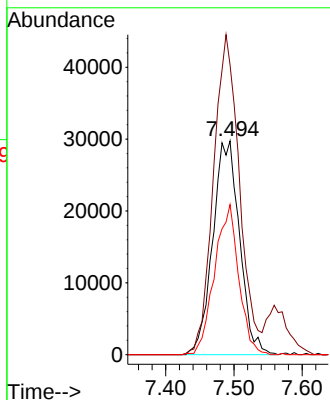
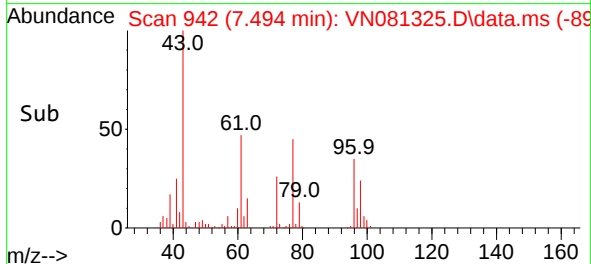
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01



Tgt Ion: 96 Resp: 8138
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 325.4
 98 63.3 0.0 130.4

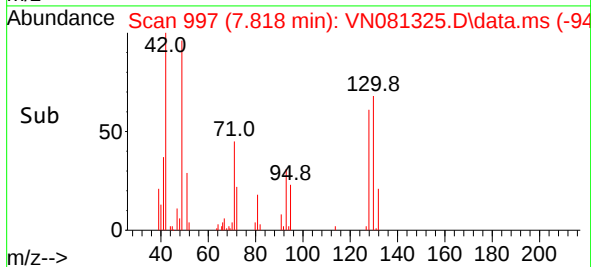
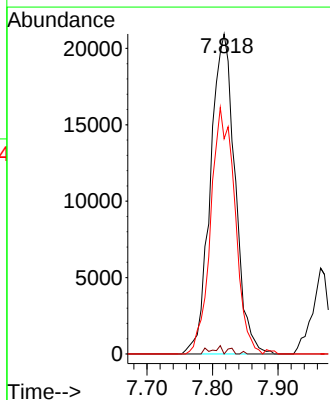
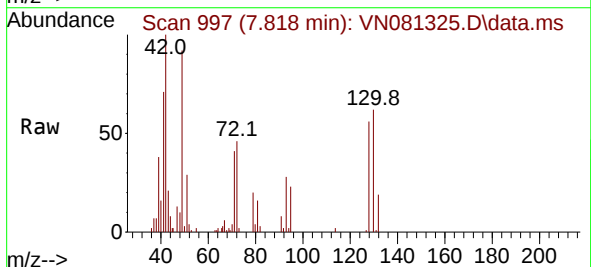
Manual Integrations
 APPROVED

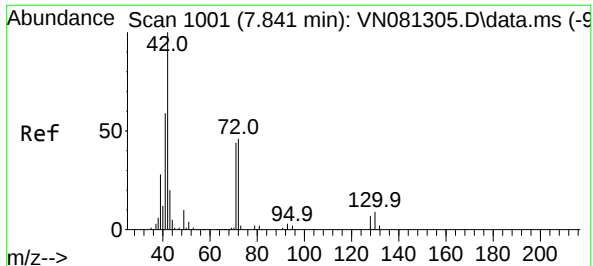
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#28
 Bromochloromethane
 Concen: 18.202 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN081325.D
 Acq: 06 Mar 2024 14:38

Tgt Ion: 49 Resp: 54553
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 1.6
 130 75.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 100.442 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

Tgt Ion: 42 Resp: 175028

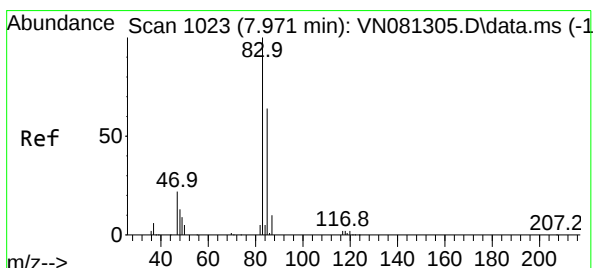
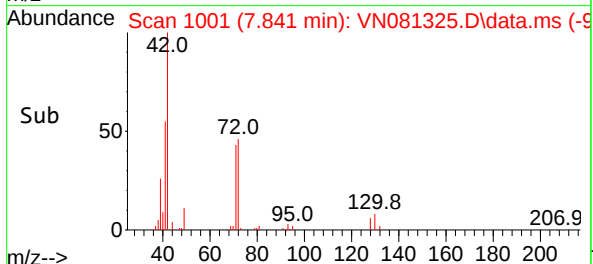
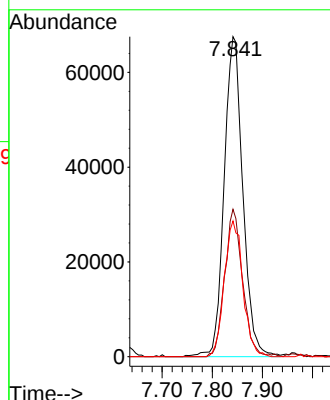
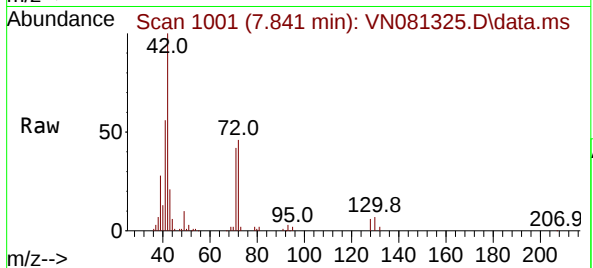
Ion	Ratio	Lower	Upper
42	100		
72	44.2	31.1	46.7
71	42.2	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#30

Chloroform

Concen: 19.060 ug/l

RT: 7.965 min Scan# 1022

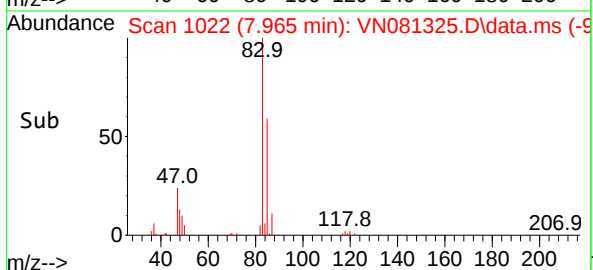
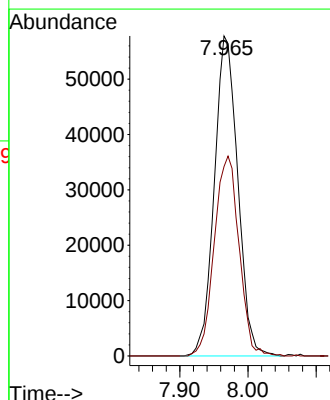
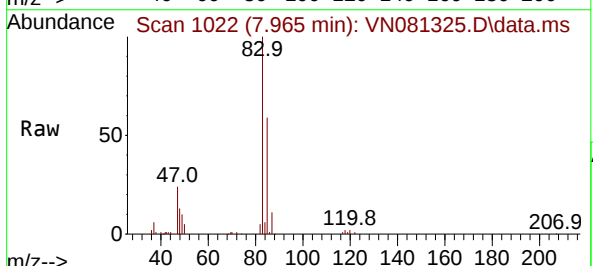
Delta R.T. -0.006 min

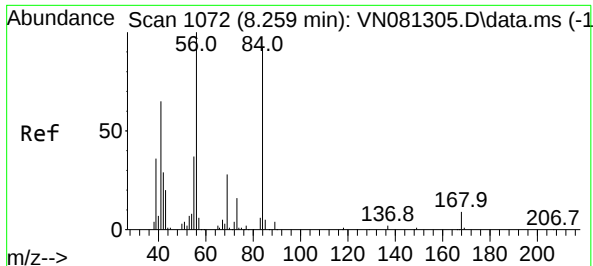
Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Tgt Ion: 83 Resp: 138538

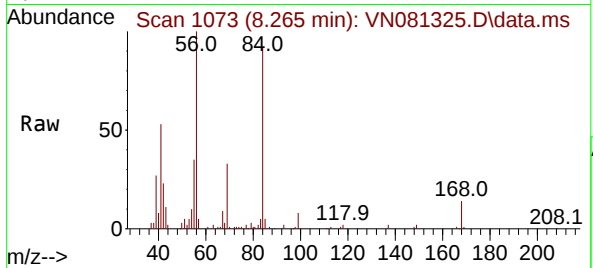
Ion	Ratio	Lower	Upper
83	100		
85	59.2	51.0	76.6





#31
Cyclohexane
Concen: 17.594 ug/l
RT: 8.265 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

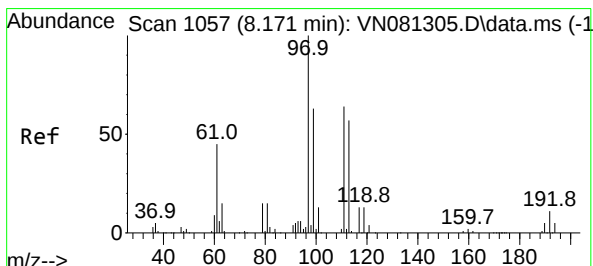
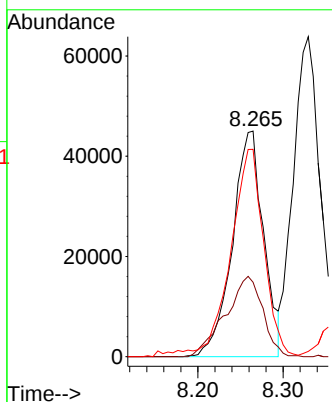
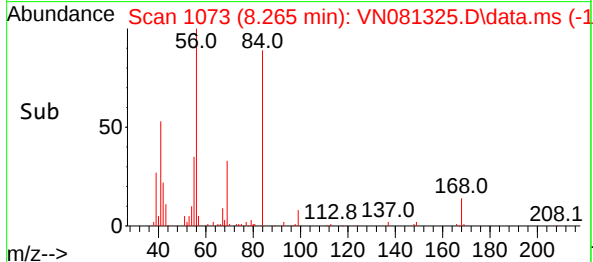
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion: 56 Resp: 11472
Ion Ratio Lower Upper
56 100
69 33.0 20.1 30.1
84 89.2 56.9 85.3

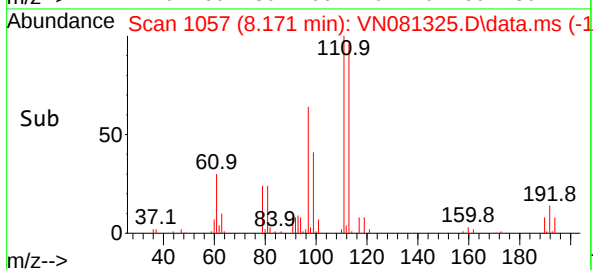
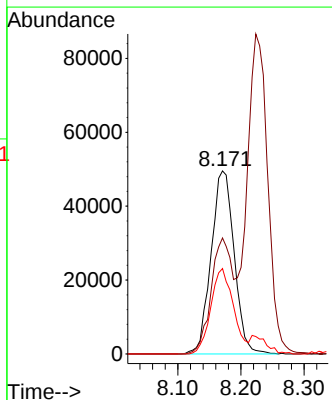
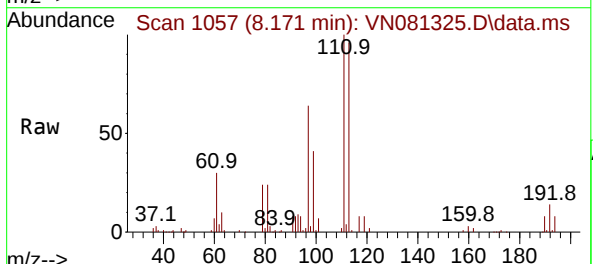
Manual Integrations
APPROVED

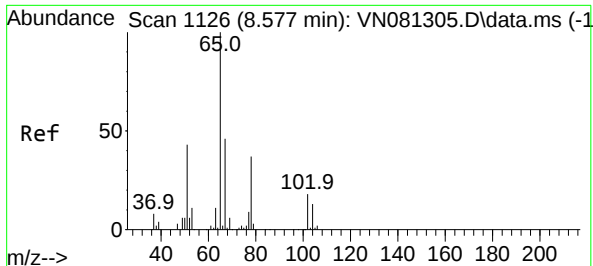
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#32
1,1,1-Trichloroethane
Concen: 19.551 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Tgt Ion: 97 Resp: 125609
Ion Ratio Lower Upper
97 100
99 56.7 53.4 80.0
61 46.1 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.474 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

Tgt Ion: 65 Resp: 22599

Ion Ratio Lower Upper

65 100

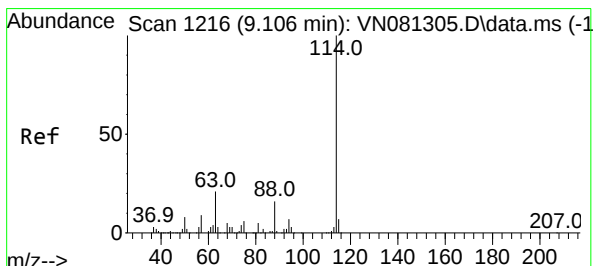
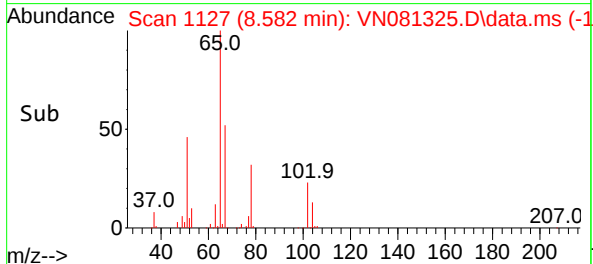
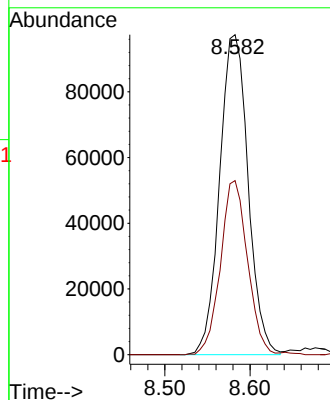
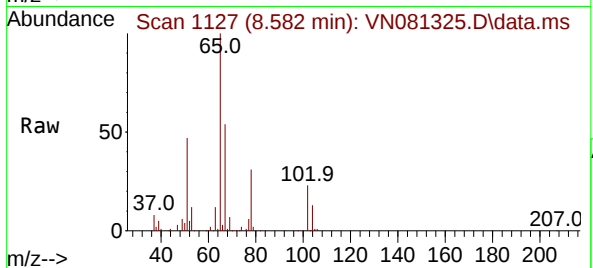
67 51.7 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

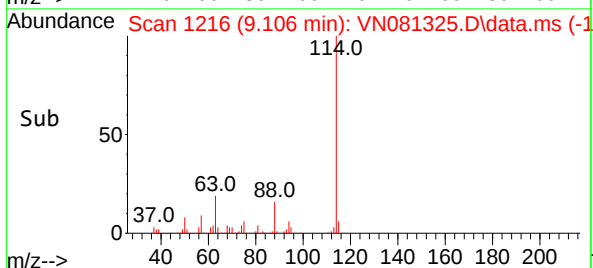
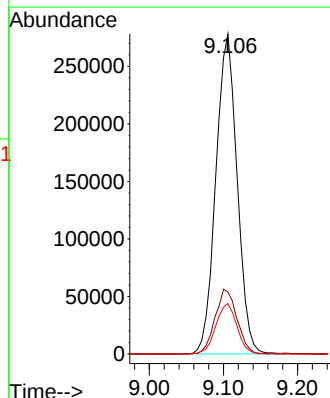
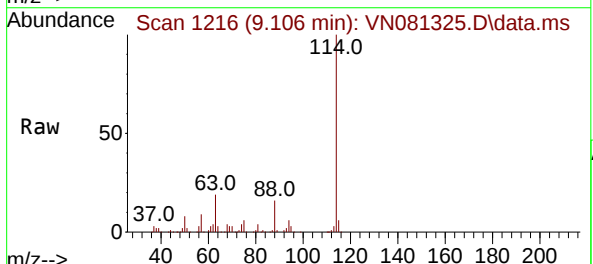
Tgt Ion:114 Resp: 555326

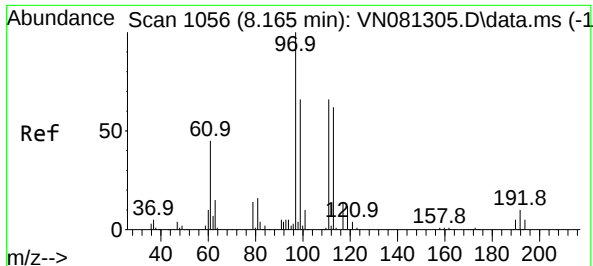
Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

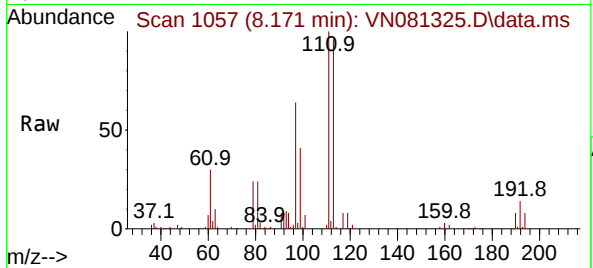
88 15.7 0.0 34.8





#35
Dibromofluoromethane
Concen: 51.920 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

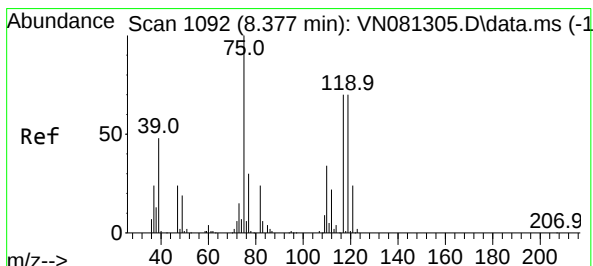
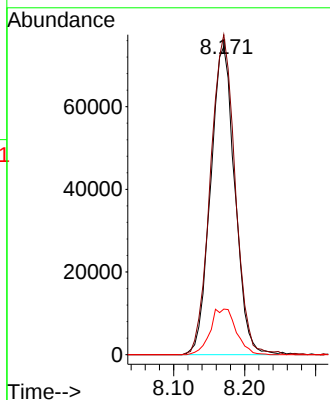
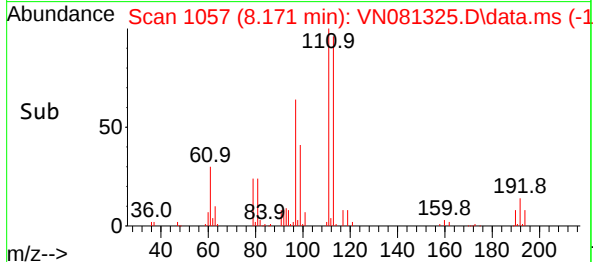
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion: 113 Resp: 17664
Ion Ratio Lower Upper
113 100
111 105.7 82.2 123.4
192 15.9 12.5 18.7

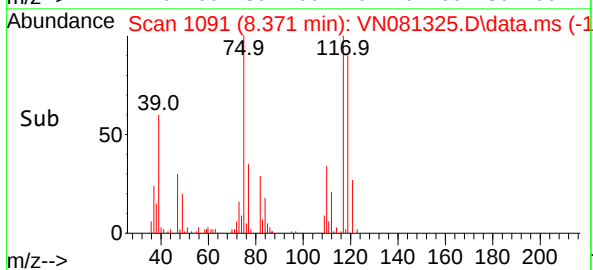
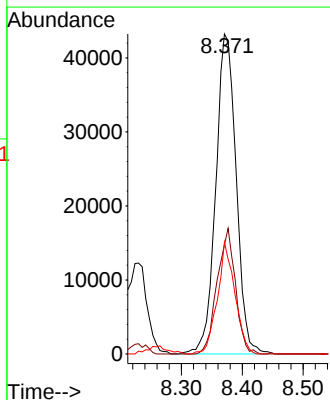
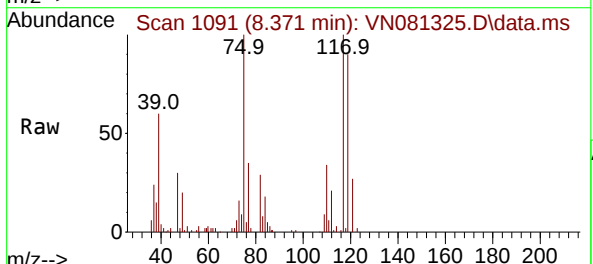
Manual Integrations
APPROVED

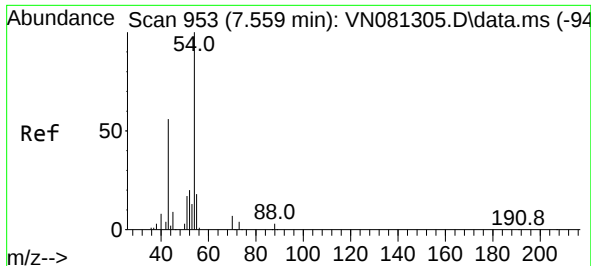
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#36
1,1-Dichloropropene
Concen: 18.362 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Tgt Ion: 75 Resp: 100789
Ion Ratio Lower Upper
75 100
110 35.2 16.0 48.0
77 30.1 25.8 38.6





#37

Ethyl Acetate

Concen: 19.603 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

Tgt Ion: 43 Resp: 10518

Ion Ratio Lower Upper

43 100

61 13.8 10.6 15.8

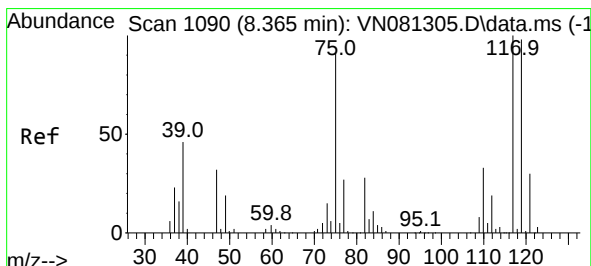
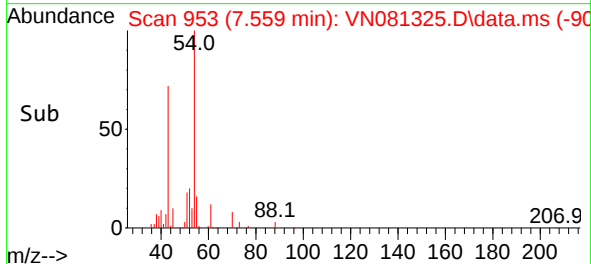
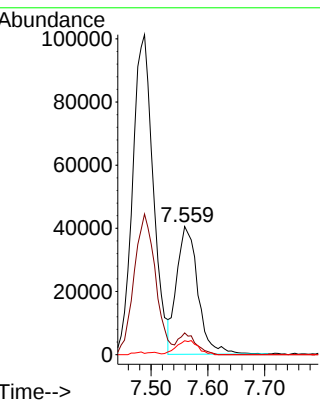
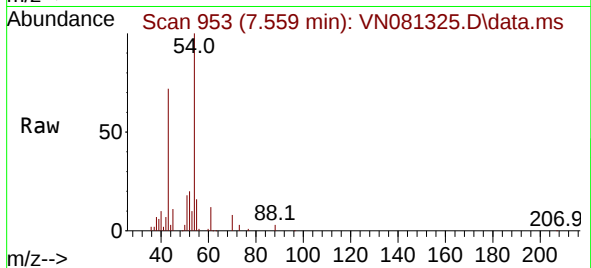
70 11.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#38

Carbon Tetrachloride

Concen: 19.487 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

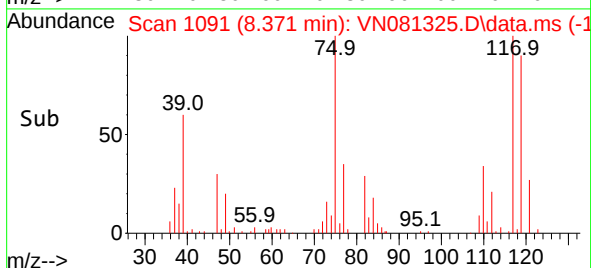
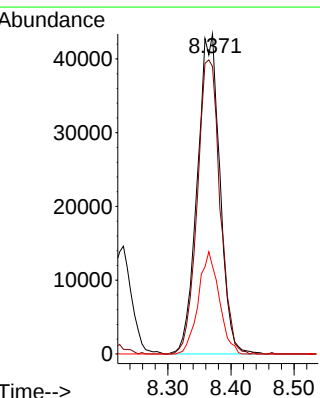
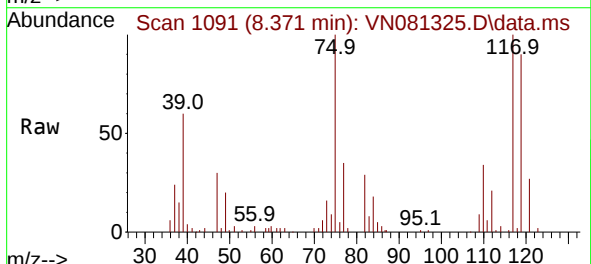
Tgt Ion:117 Resp: 107650

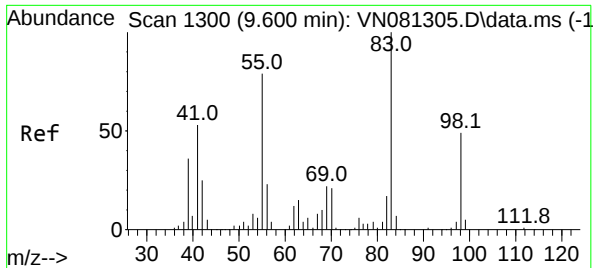
Ion Ratio Lower Upper

117 100

119 89.8 73.4 110.2

121 27.4 24.4 36.6





#39

Methylcyclohexane

Concen: 17.974 ug/l

RT: 9.606 min Scan# 11354

Delta R.T. 0.006 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

Tgt Ion: 83 Resp: 11354

Ion Ratio Lower Upper

83 100

55 71.7 65.7 98.5

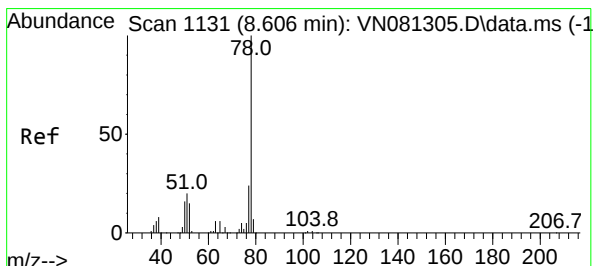
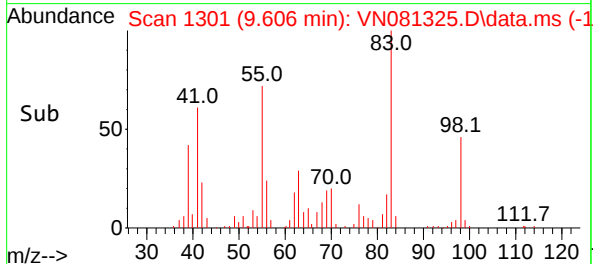
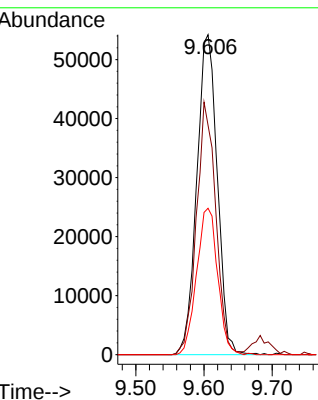
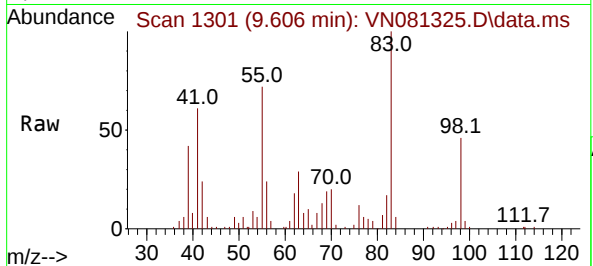
98 45.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#40

Benzene

Concen: 18.714 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081325.D

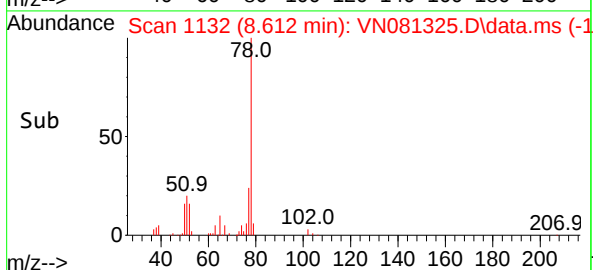
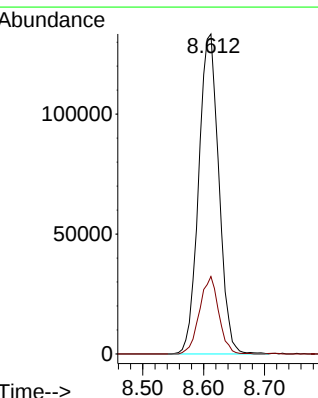
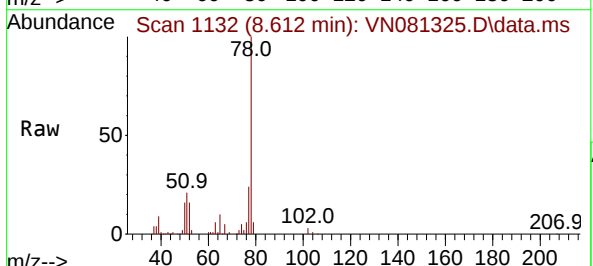
Acq: 06 Mar 2024 14:38

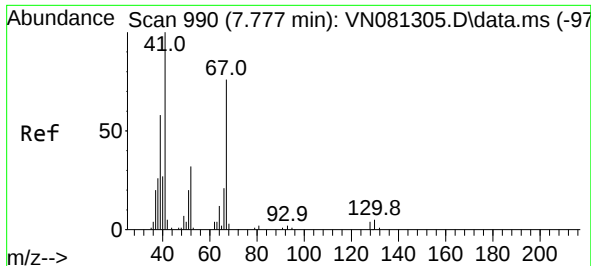
Tgt Ion: 78 Resp: 306608

Ion Ratio Lower Upper

78 100

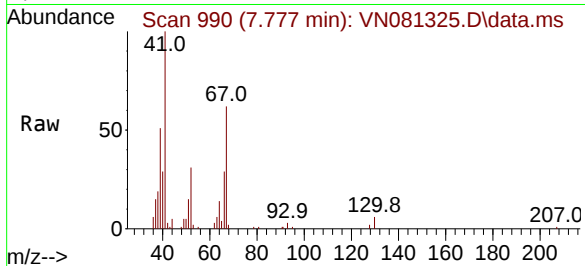
77 24.2 20.4 30.6





#41
Methacrylonitrile
Concen: 17.983 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

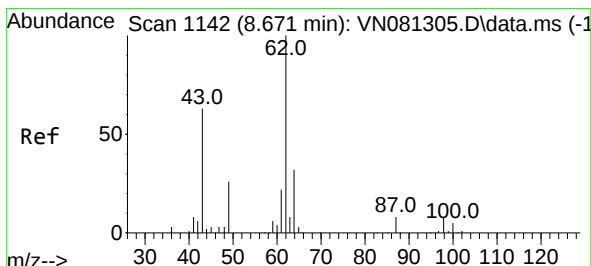
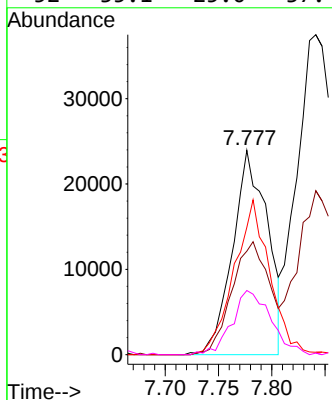
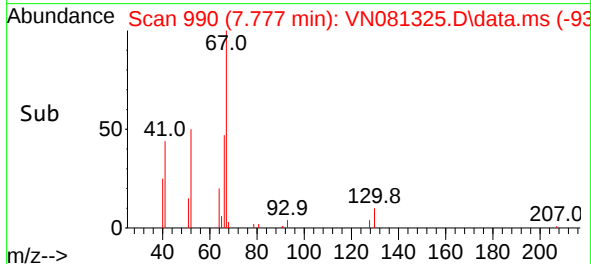
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



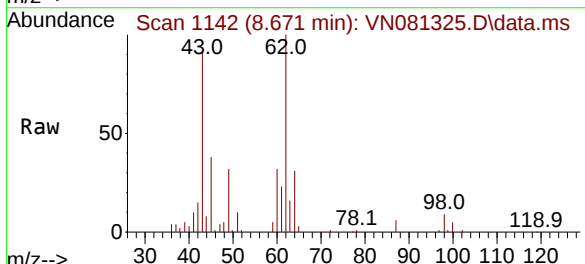
Tgt Ion:	41	Resp:	5449
Ion Ratio	100	Lower	Upper
39	59.4	48.4	72.6
67	78.0	56.8	85.2
52	35.1	25.0	37.4

Manual Integrations
APPROVED

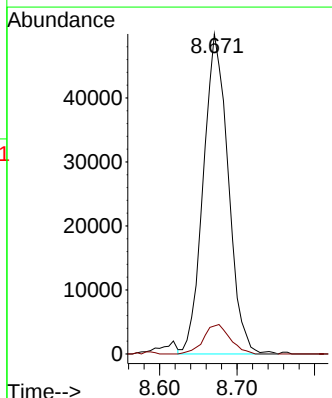
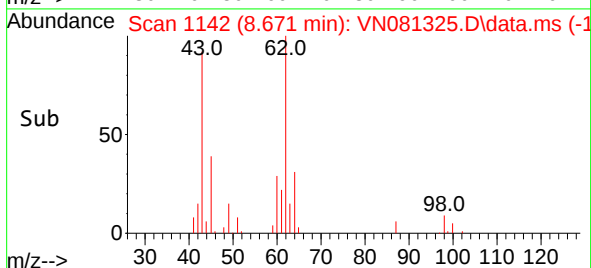
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

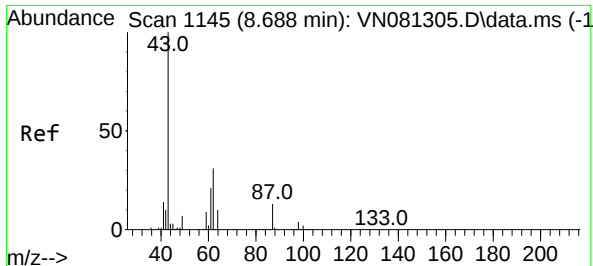


#42
1,2-Dichloroethane
Concen: 19.315 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38



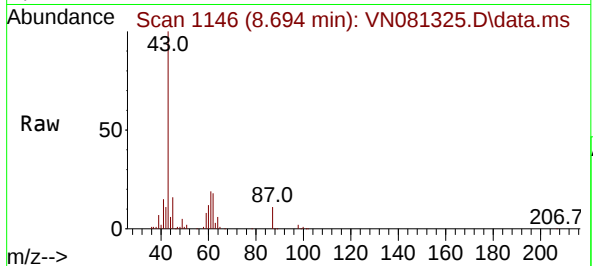
Tgt Ion:	62	Resp:	111574
Ion Ratio	100	Lower	Upper
98	9.8	0.0	18.0





#43
Isopropyl Acetate
Concen: 31.310 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

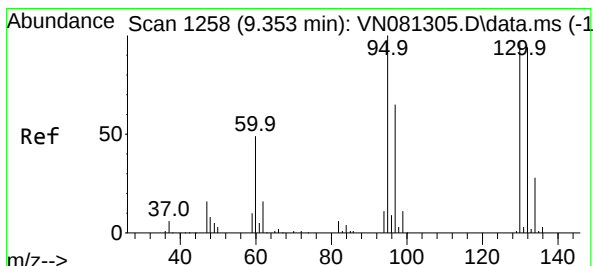
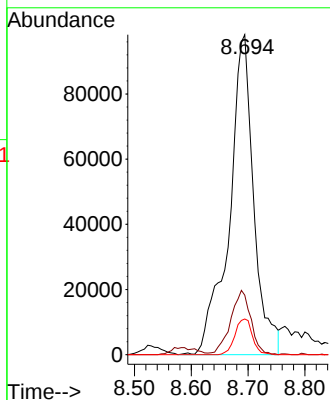
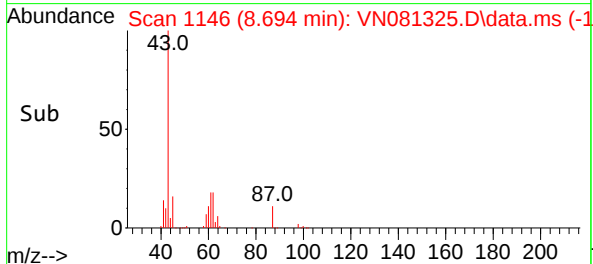
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion: 43 Resp: 29404
Ion Ratio Lower Upper
43 100
61 16.6 19.9 29.9
87 7.9 9.0 13.6

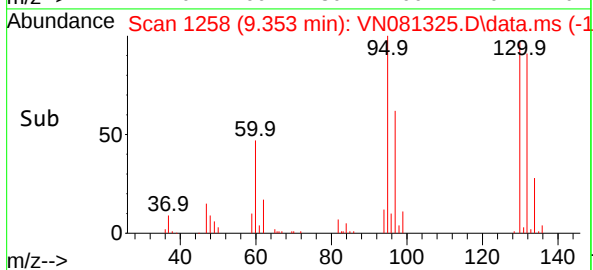
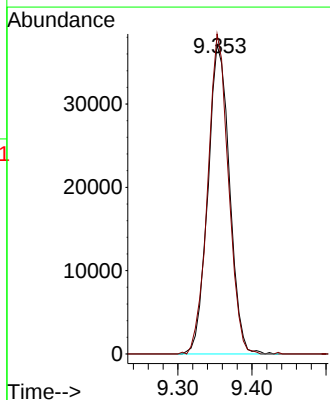
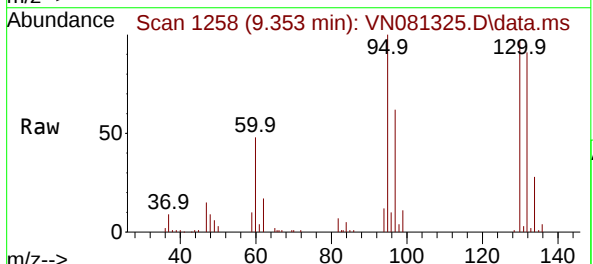
Manual Integrations
APPROVED

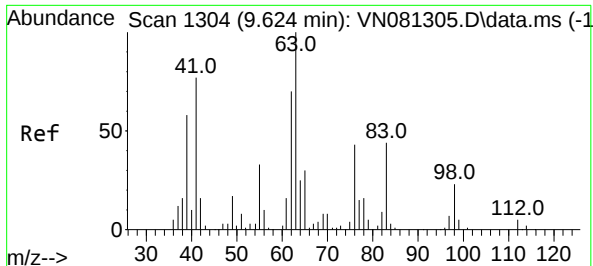
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#44
Trichloroethene
Concen: 18.214 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

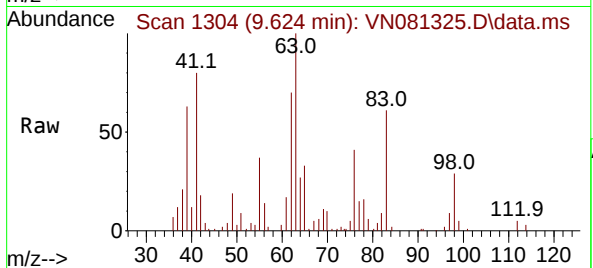
Tgt Ion:130 Resp: 75265
Ion Ratio Lower Upper
130 100
95 103.3 0.0 210.4





#45
1,2-Dichloropropane
Concen: 18.716 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

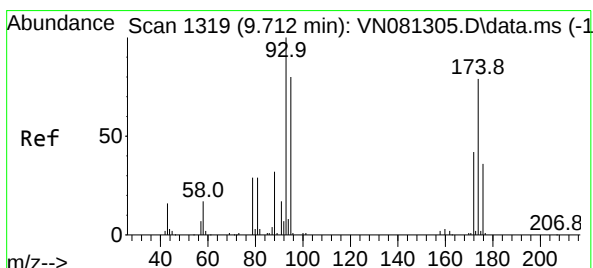
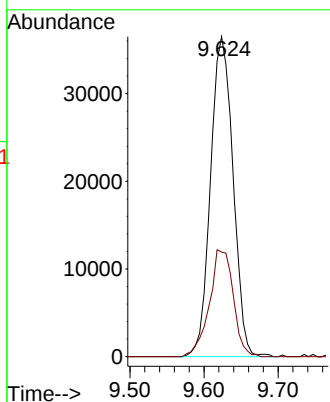
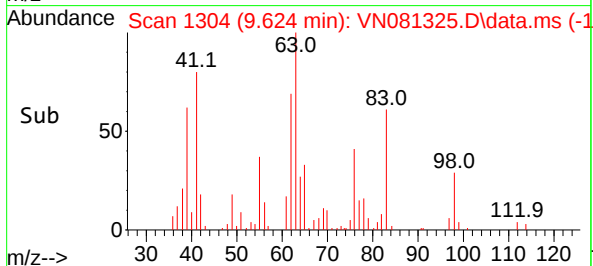
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



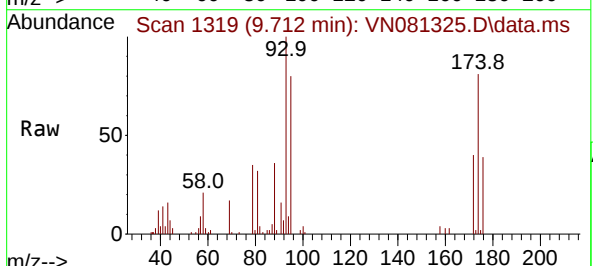
Tgt Ion: 63 Resp: 77029
Ion Ratio Lower Upper
63 100
65 32.7 26.1 39.1

Manual Integrations
APPROVED

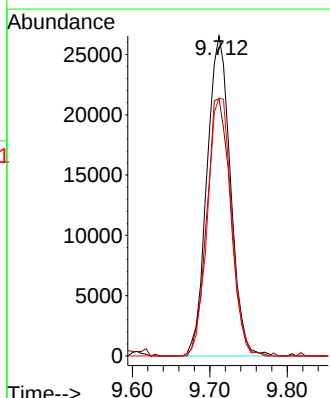
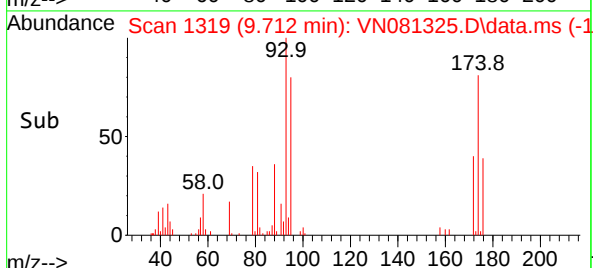
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

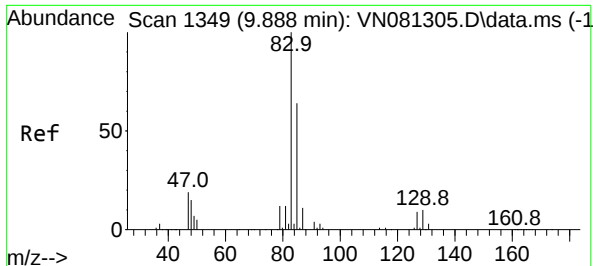


#46
Dibromomethane
Concen: 19.299 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38



Tgt Ion: 93 Resp: 55986
Ion Ratio Lower Upper
93 100
95 81.7 68.1 102.1
174 82.7 57.2 85.8





#47

Bromodichloromethane

Concen: 19.306 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

Tgt Ion: 83 Resp: 108729

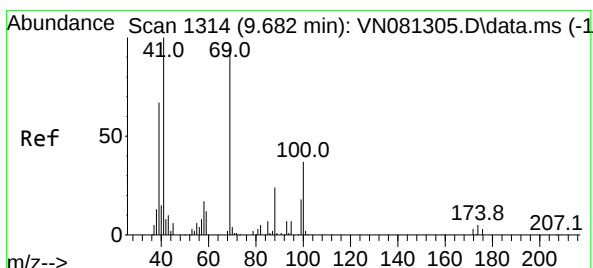
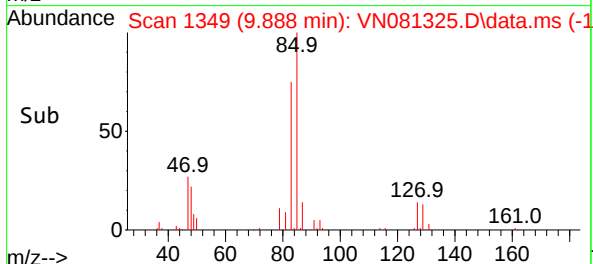
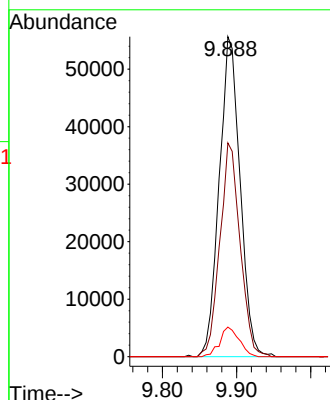
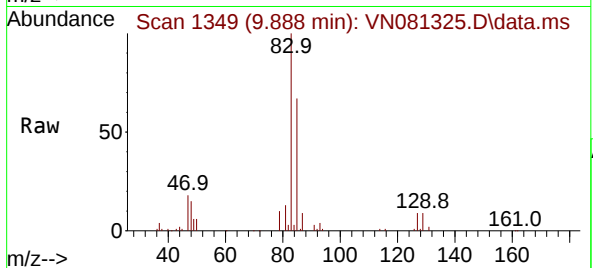
Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.3	78.5
127	9.2	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#48

Methyl methacrylate

Concen: 18.665 ug/l

RT: 9.682 min Scan# 1314

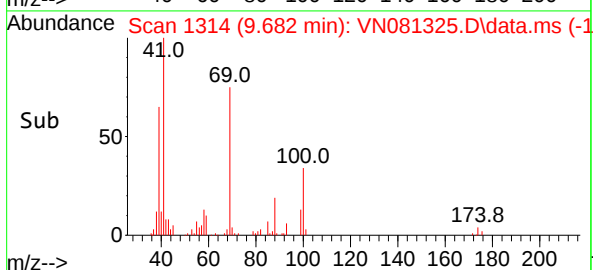
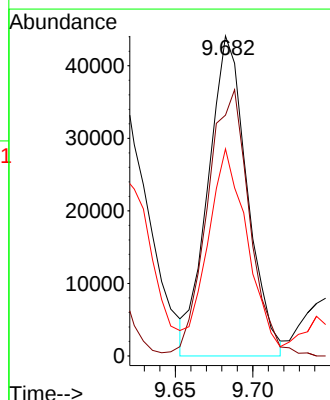
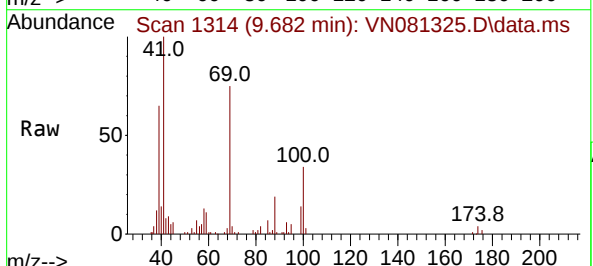
Delta R.T. -0.000 min

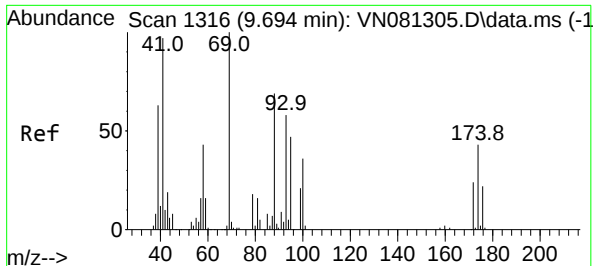
Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Tgt Ion: 41 Resp: 77481

Ion	Ratio	Lower	Upper
41	100		
69	90.1	62.2	93.2
39	66.5	47.6	71.4





#49

1,4-Dioxane

Concen: 379.662 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

Tgt Ion: 88 Resp: 34738

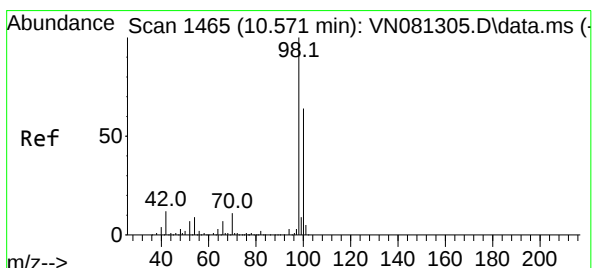
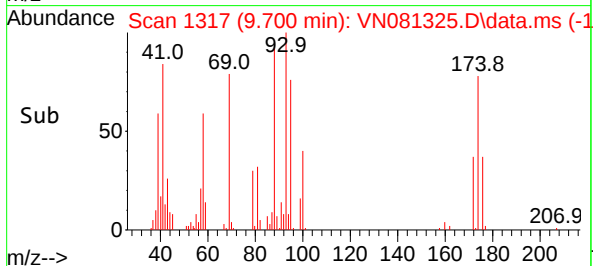
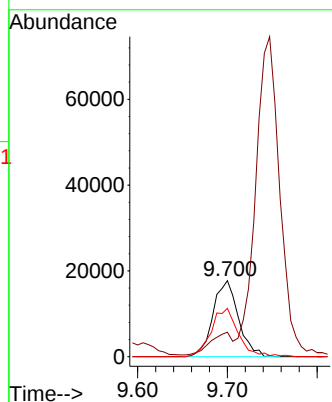
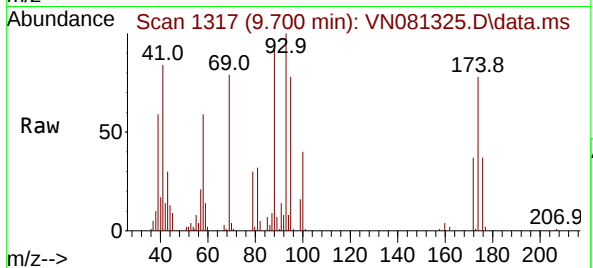
Ion	Ratio	Lower	Upper
88	100		
43	25.3	30.1	45.1
58	68.5	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#50

Toluene-d8

Concen: 51.960 ug/l

RT: 10.571 min Scan# 1465

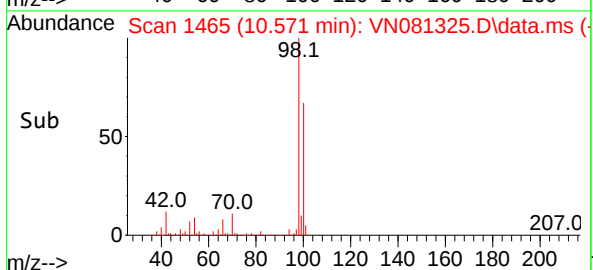
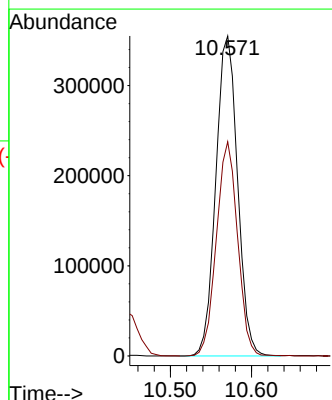
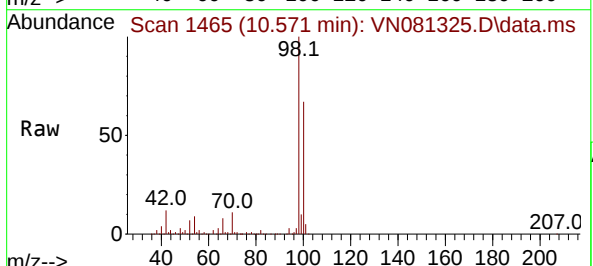
Delta R.T. -0.000 min

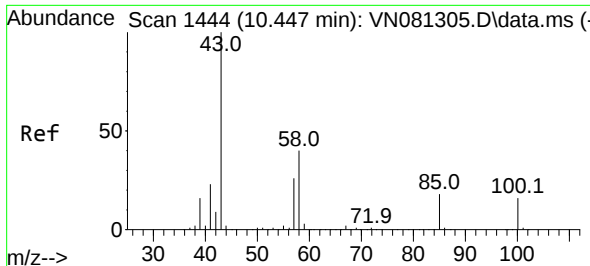
Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Tgt Ion: 98 Resp: 660855

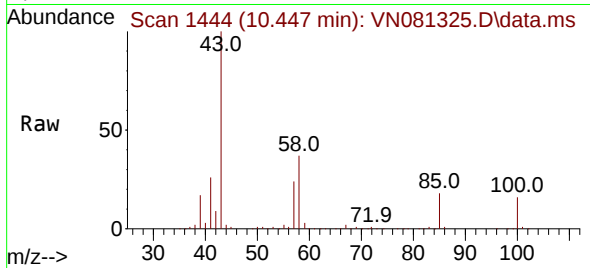
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 98.572 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

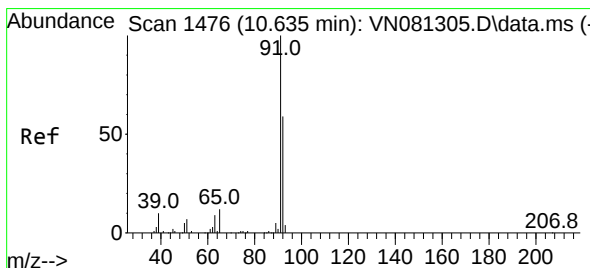
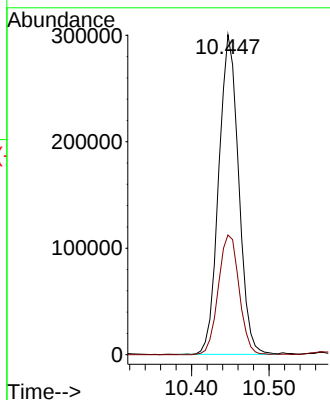
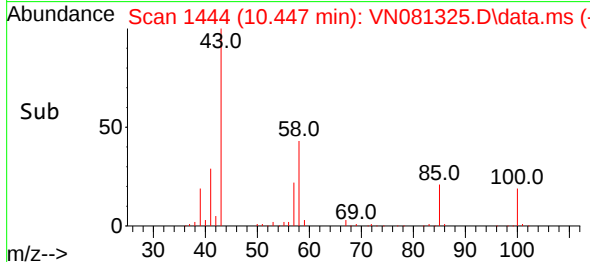
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion: 43 Resp: 537520
Ion Ratio Lower Upper
43 100
58 39.3 29.4 44.0

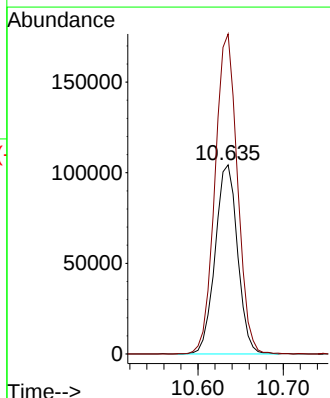
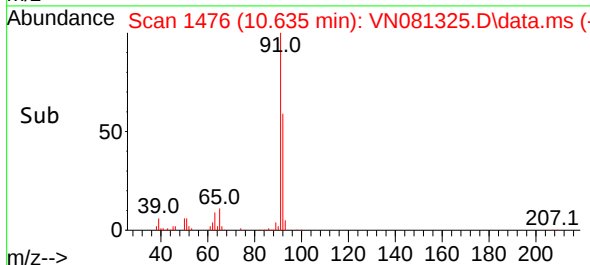
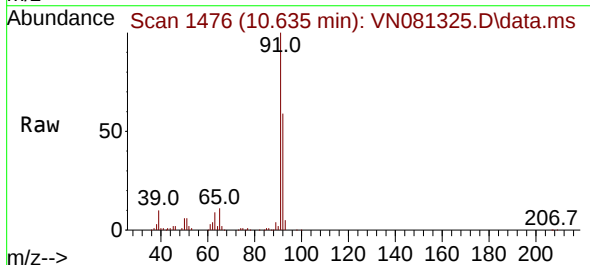
Manual Integrations
APPROVED

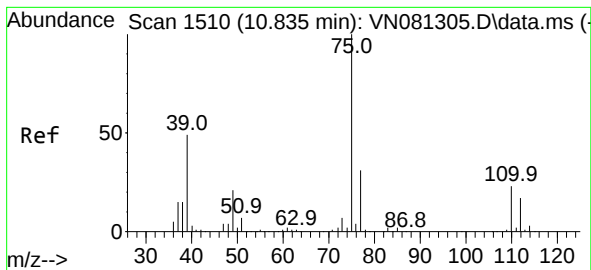
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#52
Toluene
Concen: 19.235 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Tgt Ion: 92 Resp: 190367
Ion Ratio Lower Upper
92 100
91 169.7 139.4 209.0





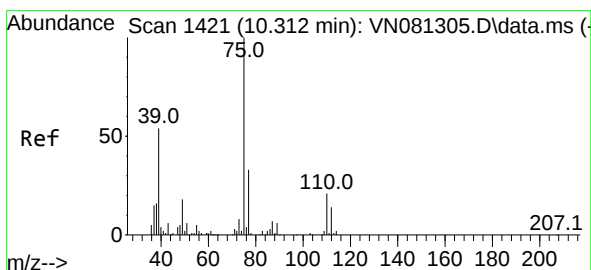
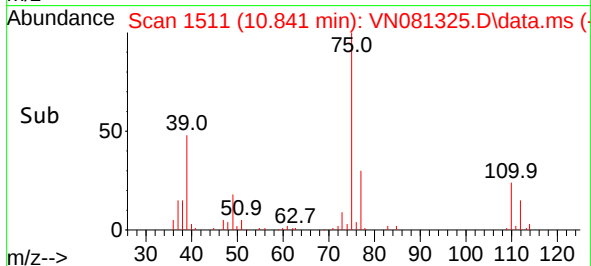
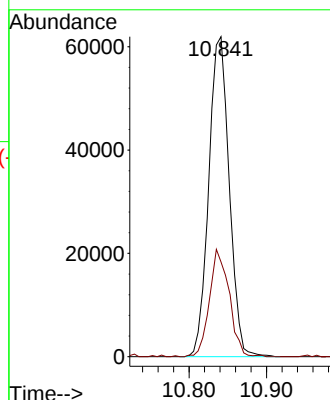
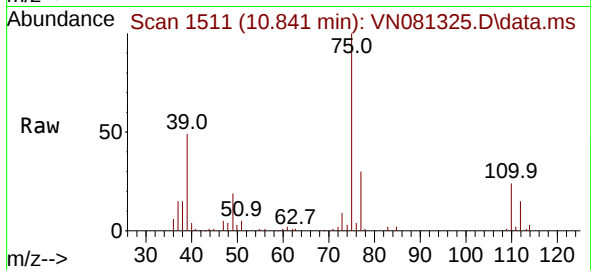
#53
 t-1,3-Dichloropropene
 Concen: 18.651 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN081325.D
 Acq: 06 Mar 2024 14:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

Tgt Ion: 75 Resp: 113652
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.5 38.3

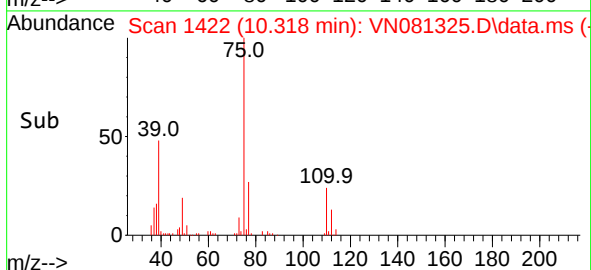
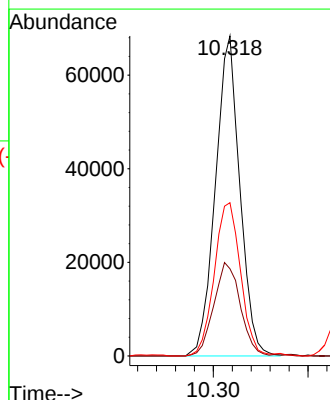
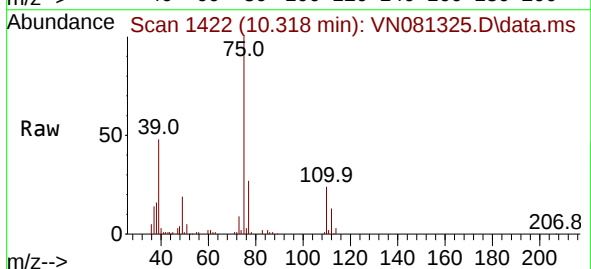
Manual Integrations
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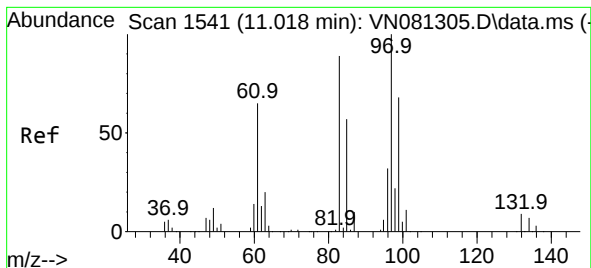
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#54
 cis-1,3-Dichloropropene
 Concen: 18.605 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081325.D
 Acq: 06 Mar 2024 14:38

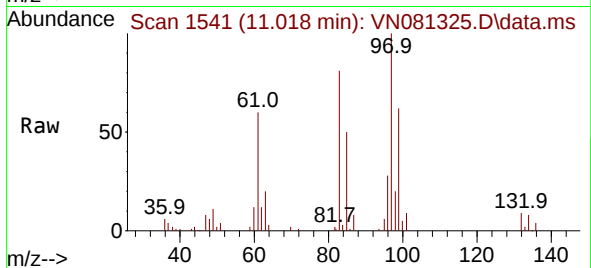
Tgt Ion: 75 Resp: 122388
 Ion Ratio Lower Upper
 75 100
 77 27.2 23.3 34.9
 39 47.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.447 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

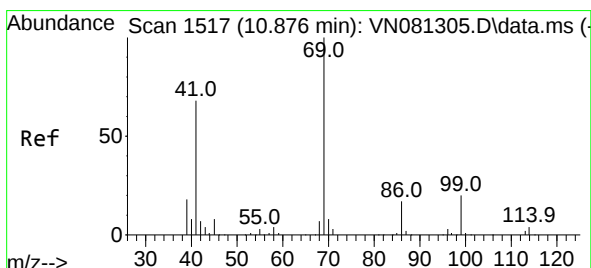
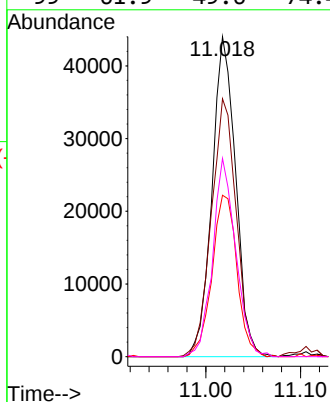
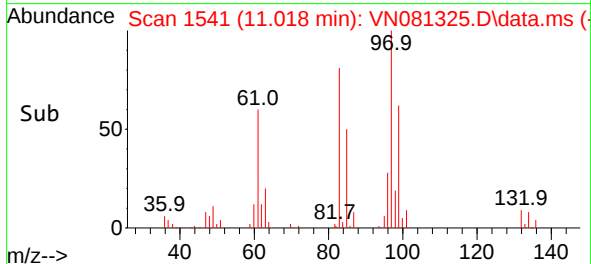
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



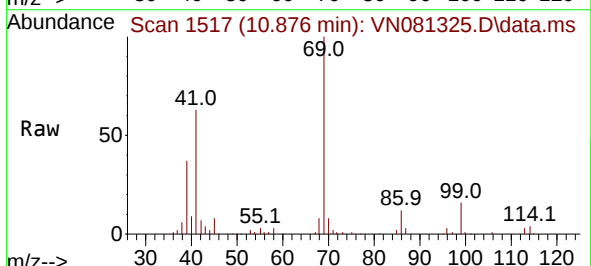
Tgt Ion: 97 Resp: 76320
Ion Ratio Lower Upper
97 100
83 80.6 72.9 109.3
85 50.4 50.2 75.2
99 61.9 49.6 74.4

Manual Integrations
APPROVED

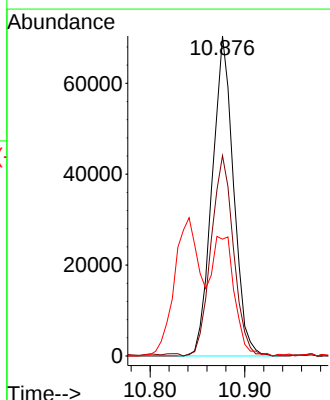
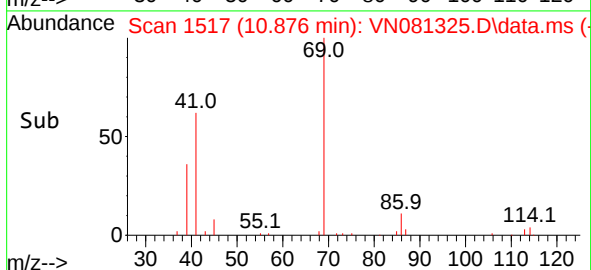
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

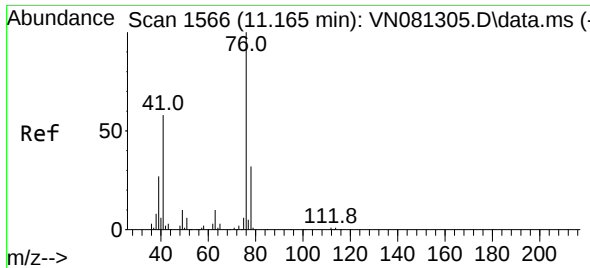


#56
Ethyl methacrylate
Concen: 19.637 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38



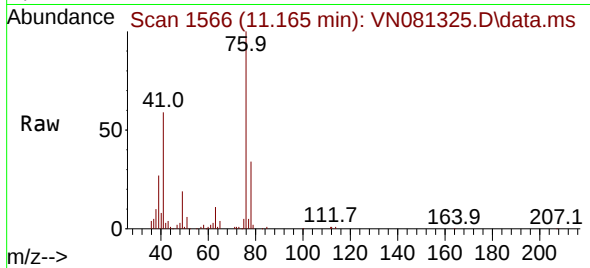
Tgt Ion: 69 Resp: 110669
Ion Ratio Lower Upper
69 100
41 65.7 61.0 91.6
39 39.6 31.8 47.6





#57
1,3-Dichloropropane
Concen: 18.272 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

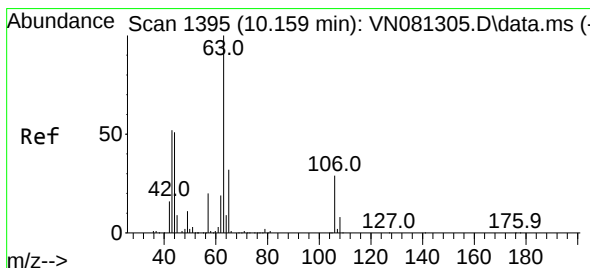
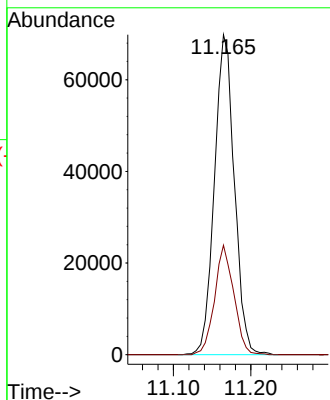
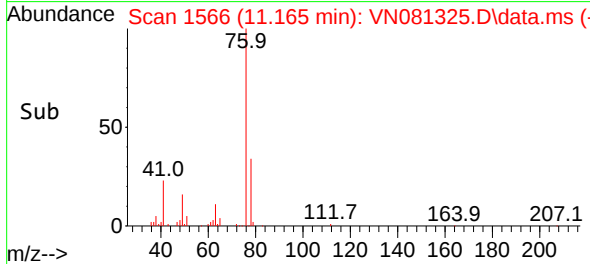
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion: 76 Resp: 12516
Ion Ratio Lower Upper
76 100
78 32.9 25.5 38.3

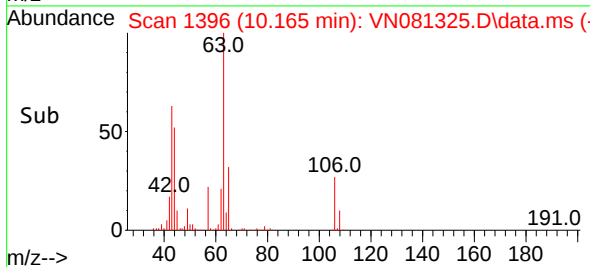
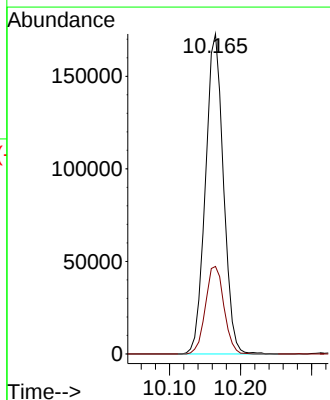
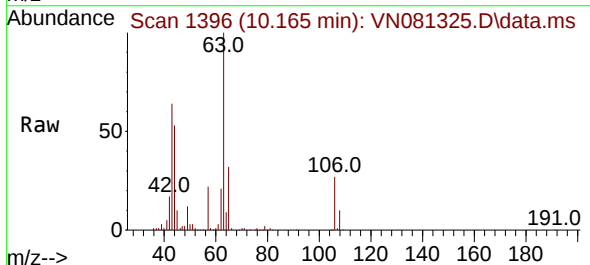
Manual Integrations
APPROVED

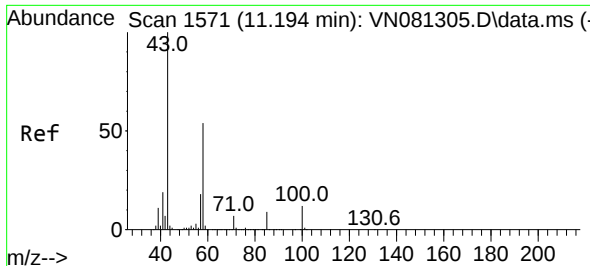
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#58
2-Chloroethyl Vinyl ether
Concen: 100.191 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Tgt Ion: 63 Resp: 303728
Ion Ratio Lower Upper
63 100
106 28.2 18.6 28.0#





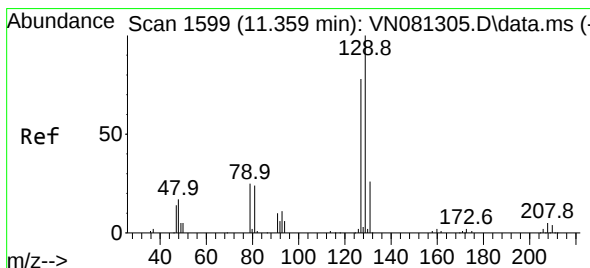
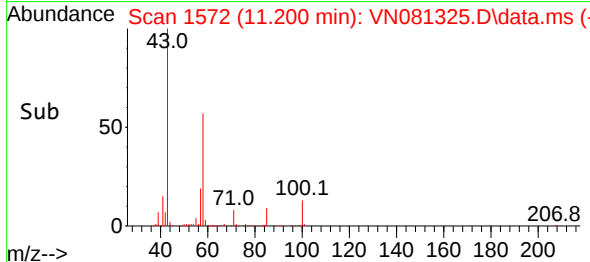
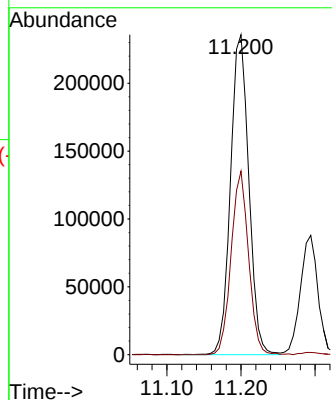
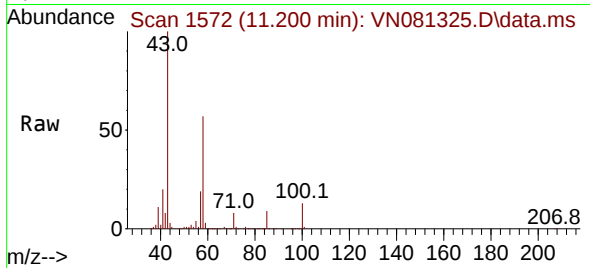
#59
2-Hexanone
Concen: 99.063 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

Tgt Ion: 43 Resp: 40384
Ion Ratio Lower Upper
43 100
58 54.7 25.9 77.8

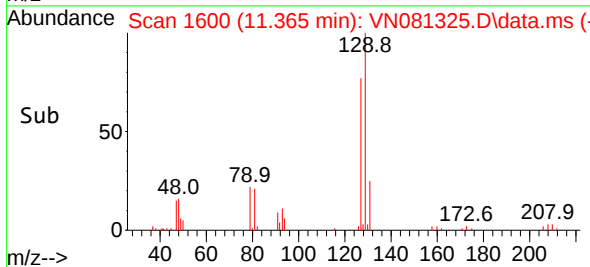
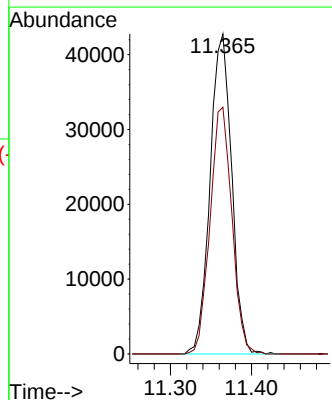
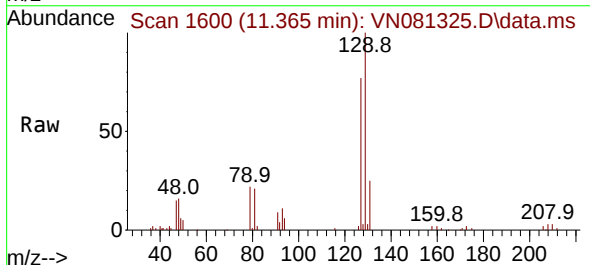
Manual Integrations
APPROVED

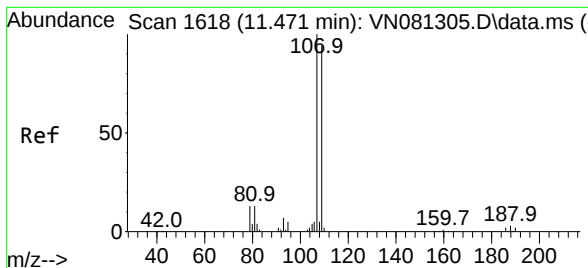
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#60
Dibromochloromethane
Concen: 19.525 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Tgt Ion:129 Resp: 78920
Ion Ratio Lower Upper
129 100
127 78.0 39.4 118.2





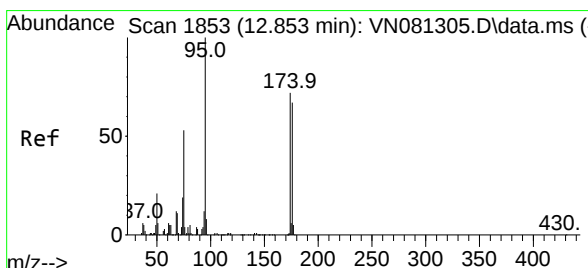
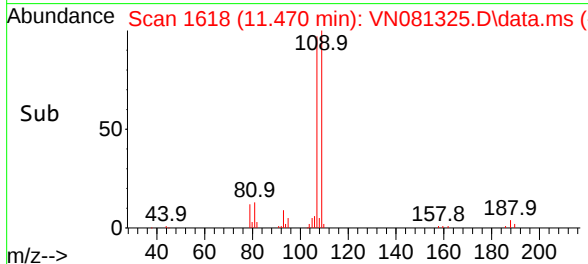
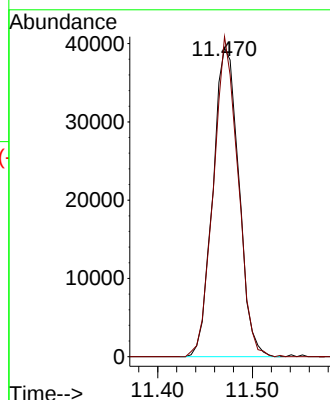
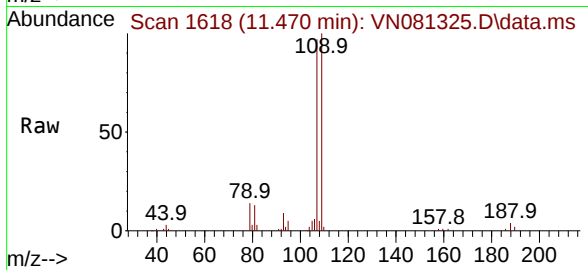
#61
1,2-Dibromoethane
Concen: 18.448 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

Tgt Ion:107 Resp: 7512
Ion Ratio Lower Upper
107 100
109 98.0 73.4 110.2

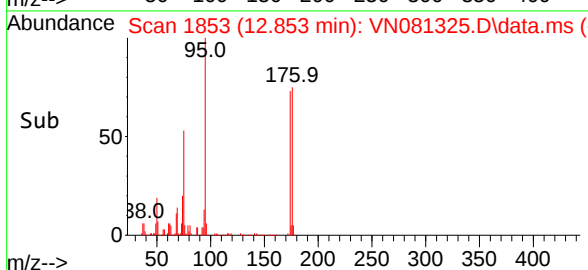
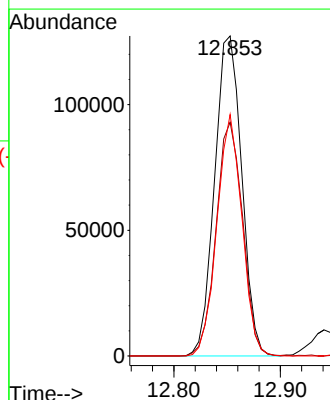
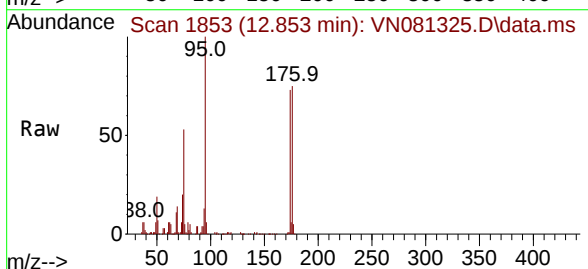
Manual Integrations
APPROVED

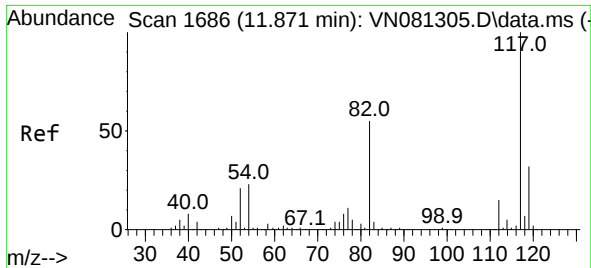
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#62
4-Bromofluorobenzene
Concen: 50.026 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

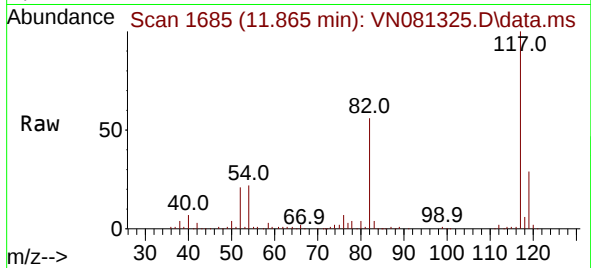
Tgt Ion: 95 Resp: 224877
Ion Ratio Lower Upper
95 100
174 71.7 0.0 120.4
176 69.7 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

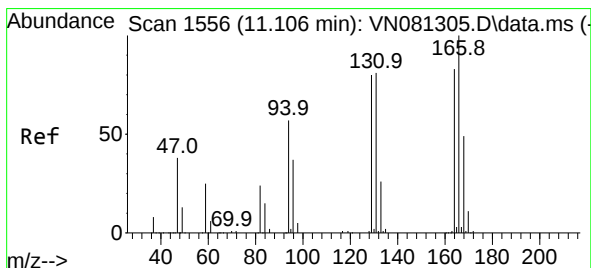
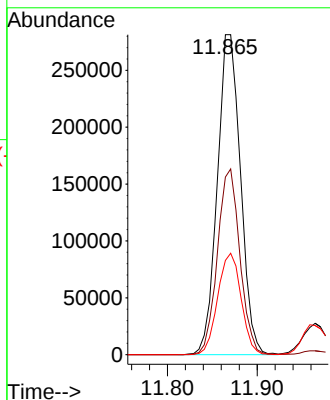
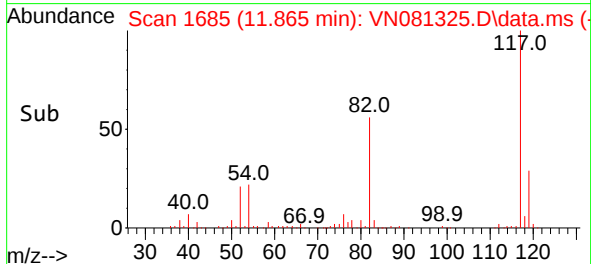
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion:117 Resp: 505780
Ion Ratio Lower Upper
117 100
82 55.5 52.7 79.1
119 29.5 25.3 37.9

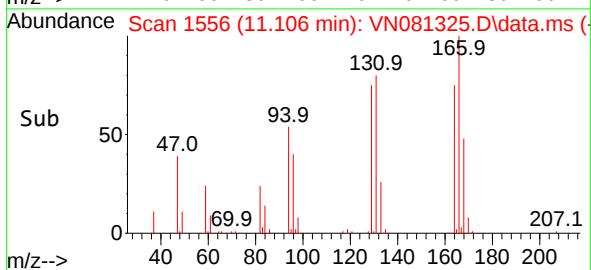
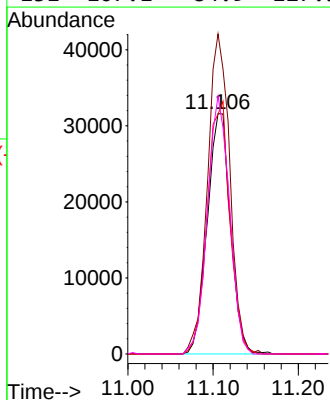
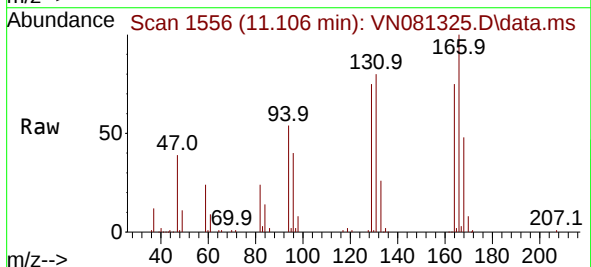
Manual Integrations
APPROVED

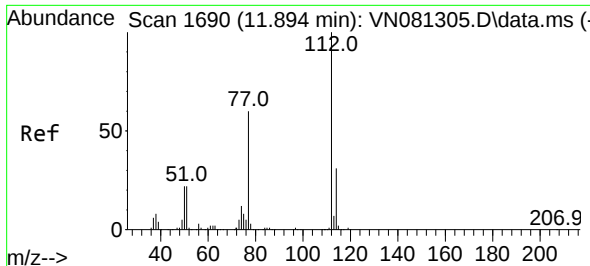
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#64
Tetrachloroethene
Concen: 15.106 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

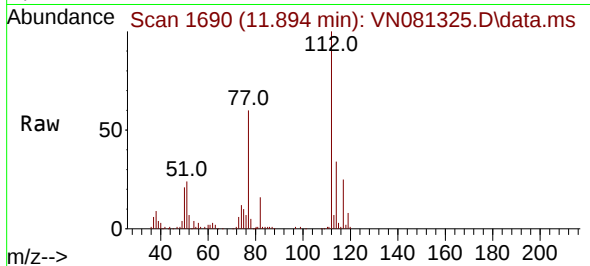
Tgt Ion:164 Resp: 59824
Ion Ratio Lower Upper
164 100
166 133.1 105.8 158.6
129 99.8 89.6 134.4
131 107.1 84.9 127.3





#65
Chlorobenzene
Concen: 18.292 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

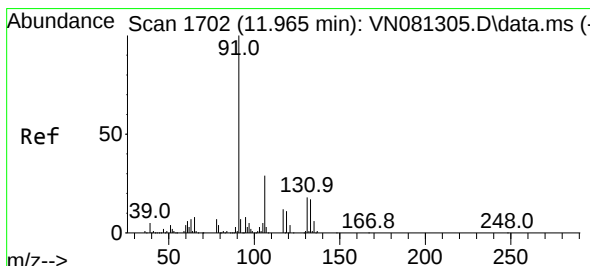
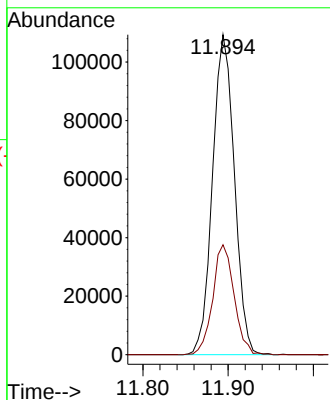
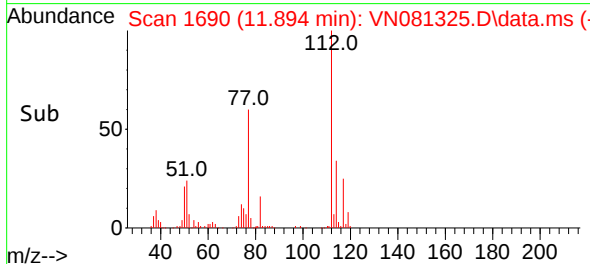
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion:112 Resp: 19495
Ion Ratio Lower Upper
112 100
114 34.3 23.7 35.5

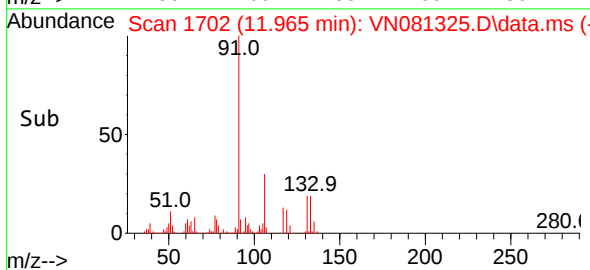
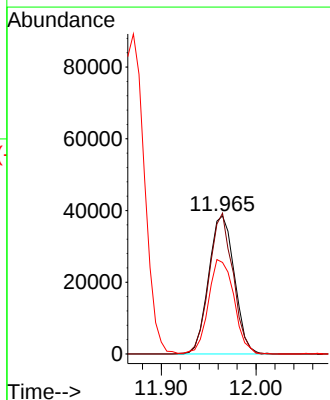
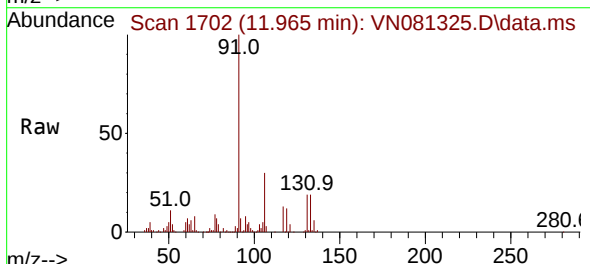
Manual Integrations
APPROVED

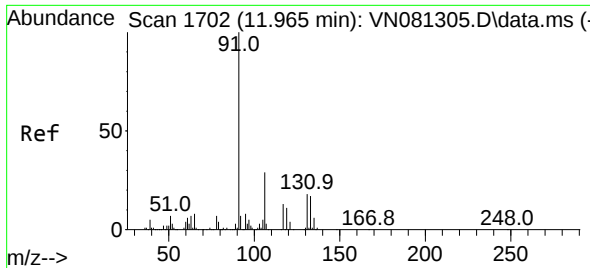
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.656 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

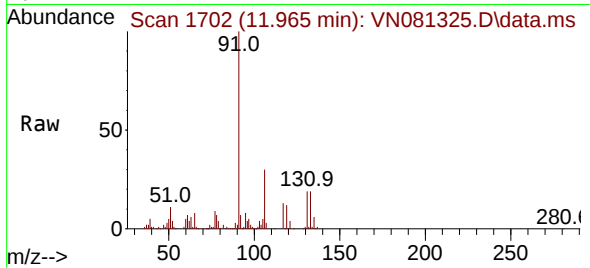
Tgt Ion:131 Resp: 72759
Ion Ratio Lower Upper
131 100
133 94.7 46.8 140.3
119 67.9 34.6 103.9





#67
Ethyl Benzene
Concen: 18.140 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

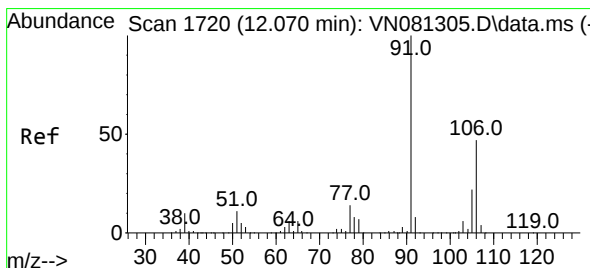
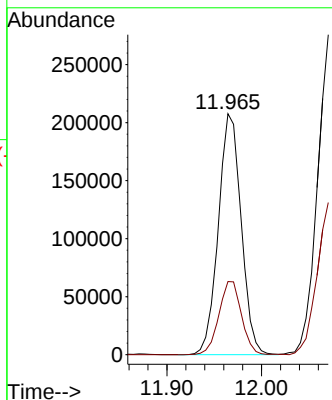
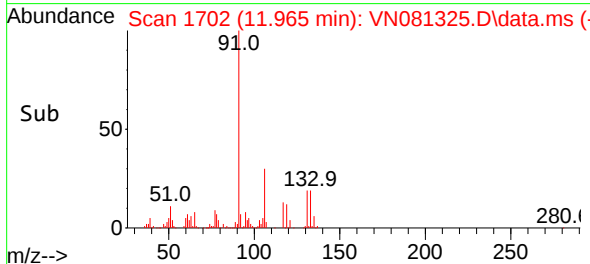
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



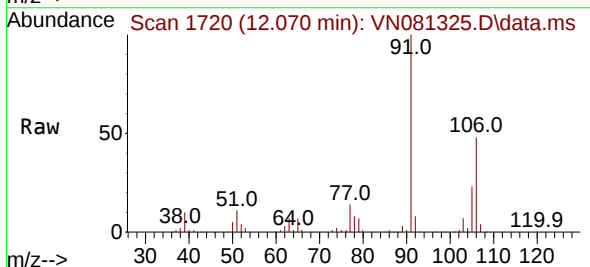
Tgt Ion: 91 Resp: 348264
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6

Manual Integrations
APPROVED

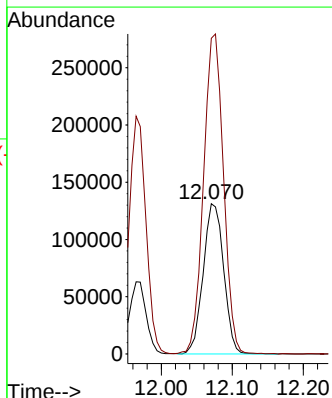
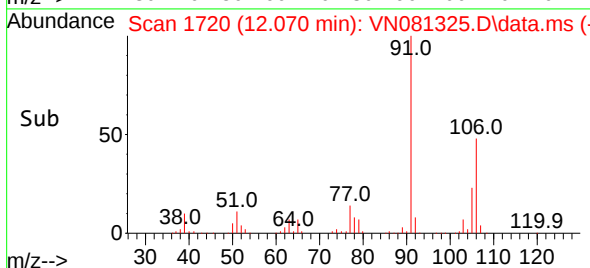
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

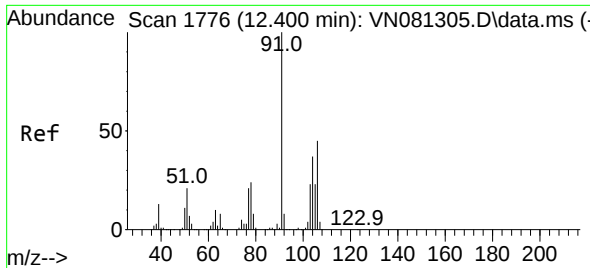


#68
m/p-Xylenes
Concen: 36.395 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38



Tgt Ion:106 Resp: 262968
Ion Ratio Lower Upper
106 100
91 207.8 169.0 253.6





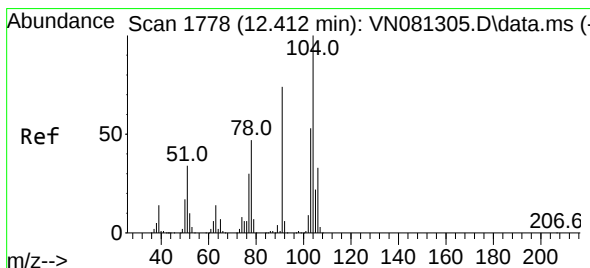
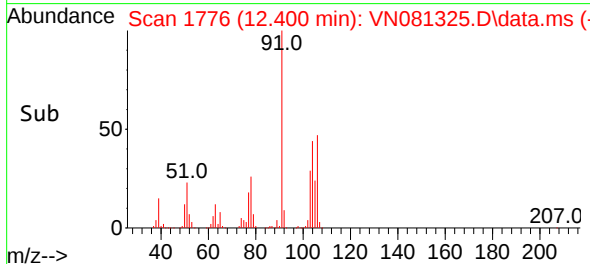
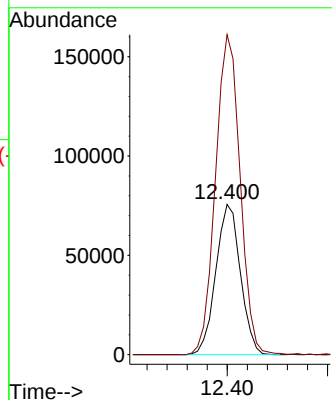
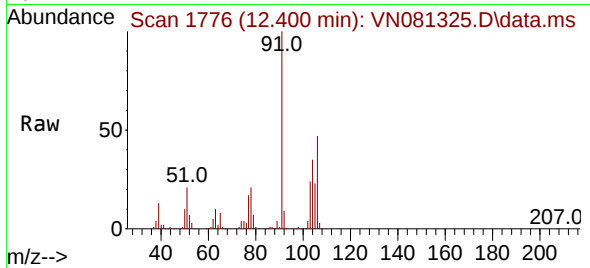
#69
o-Xylene
Concen: 18.357 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01

Tgt Ion:106 Resp: 128544
Ion Ratio Lower Upper
106 100
91 213.6 112.1 336.3

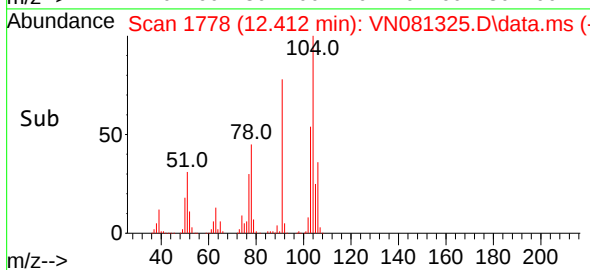
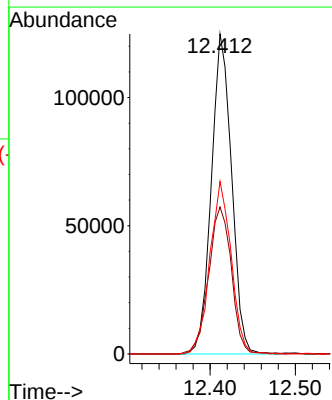
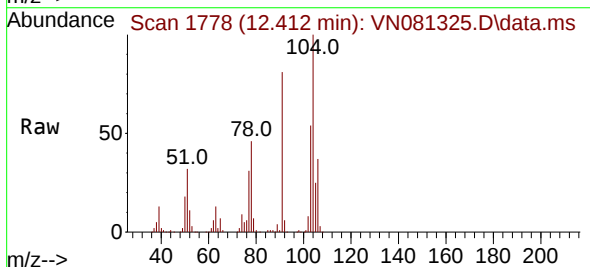
Manual Integrations
APPROVED

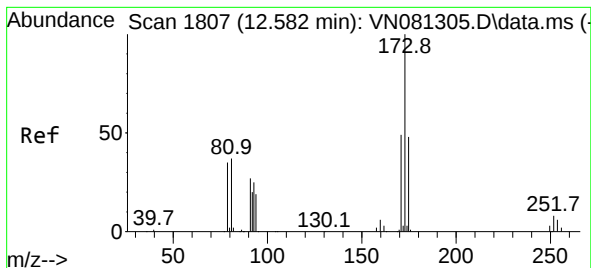
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#70
Styrene
Concen: 18.585 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

Tgt Ion:104 Resp: 206233
Ion Ratio Lower Upper
104 100
78 51.5 43.8 65.8
103 56.6 44.2 66.2





#71

Bromoform

Concen: 17.795 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

Tgt Ion:173 Resp: 4818

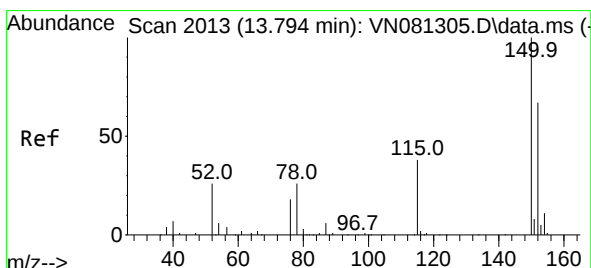
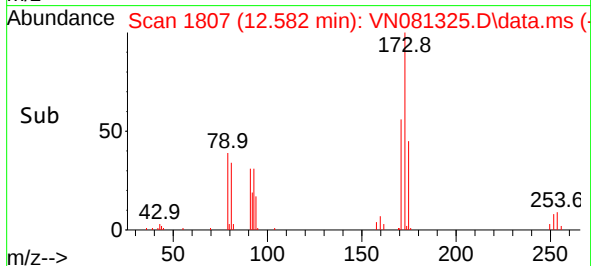
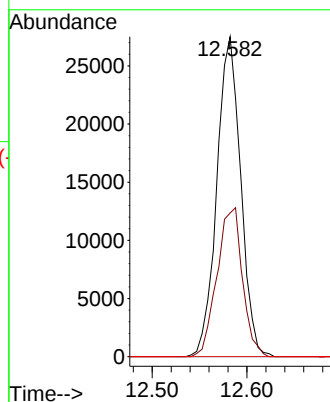
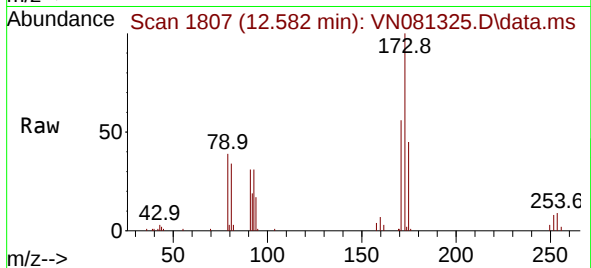
Ion	Ratio	Lower	Upper
173	100		
175	49.7	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

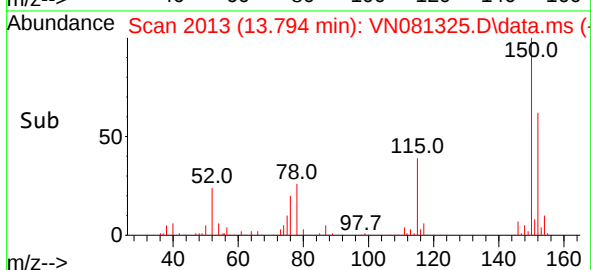
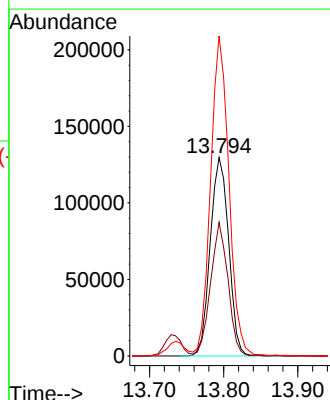
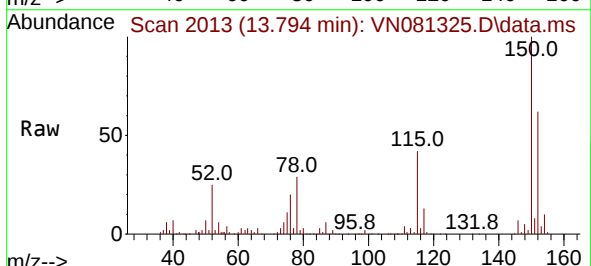
Delta R.T. -0.000 min

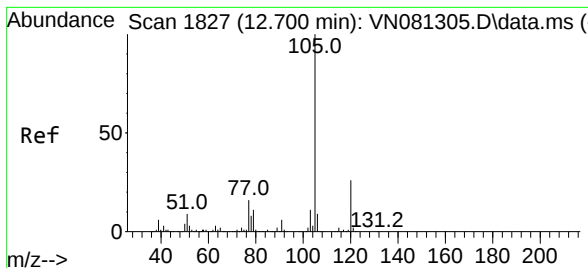
Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Tgt Ion:152 Resp: 223780

Ion	Ratio	Lower	Upper
152	100		
115	63.5	32.3	96.8
150	159.5	0.0	339.8





#73

Isopropylbenzene

Concen: 18.299 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

Tgt Ion:105 Resp: 33066

Ion Ratio Lower Upper

105 100

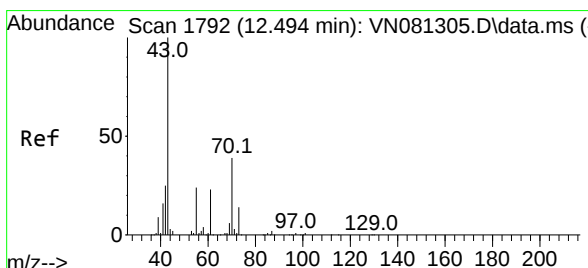
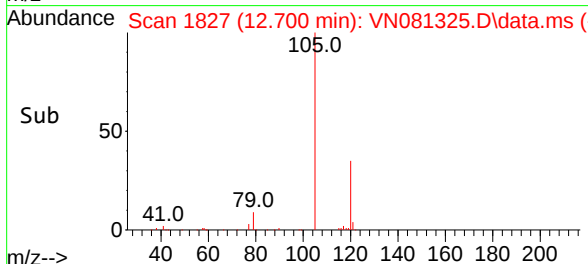
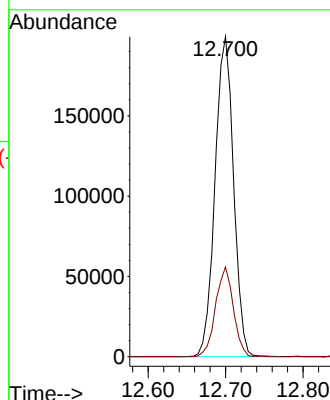
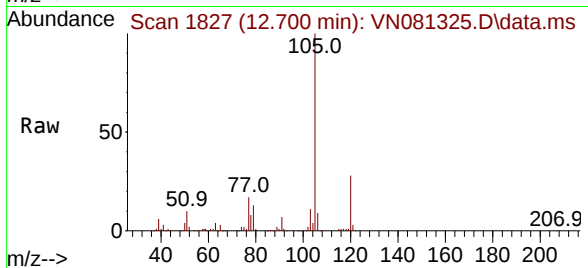
120 26.9 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#74

N-ethyl acetate

Concen: 19.576 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Tgt Ion: 43 Resp: 148426

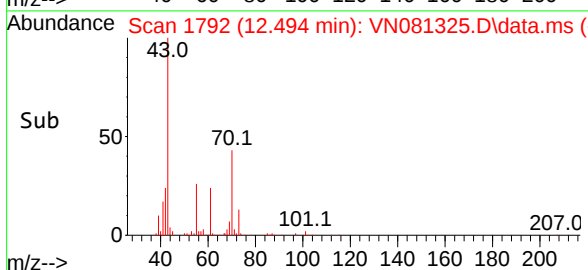
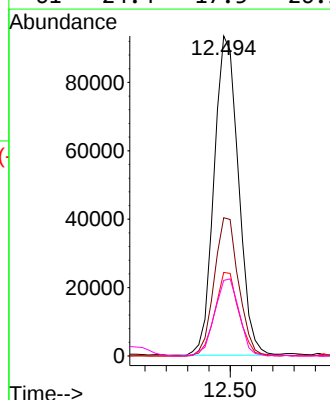
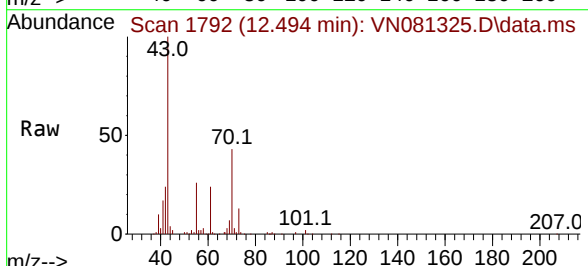
Ion Ratio Lower Upper

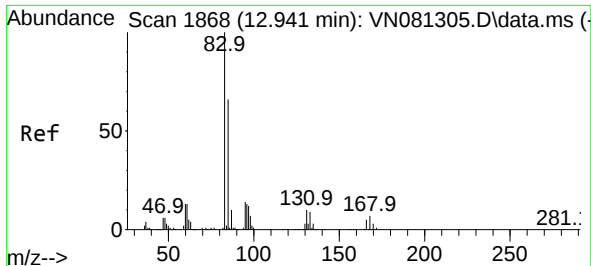
43 100

70 43.4 30.1 45.1

55 25.8 17.0 25.4#

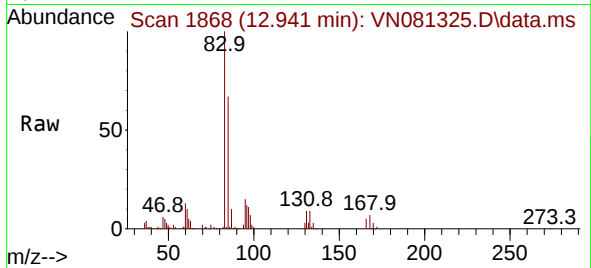
61 24.4 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.857 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

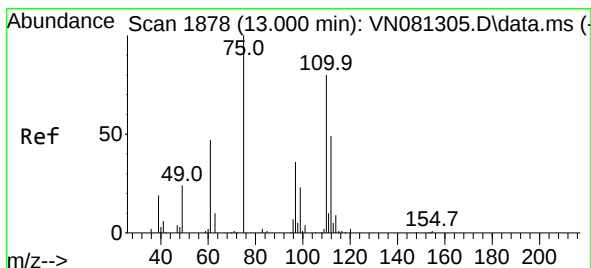
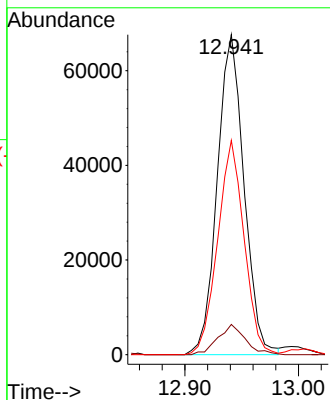
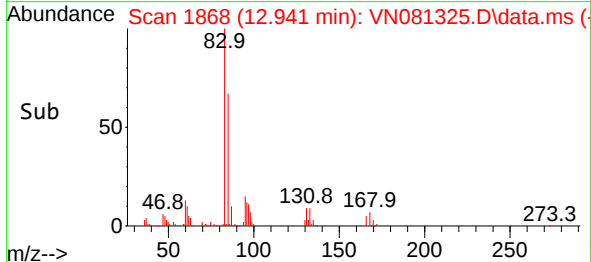
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



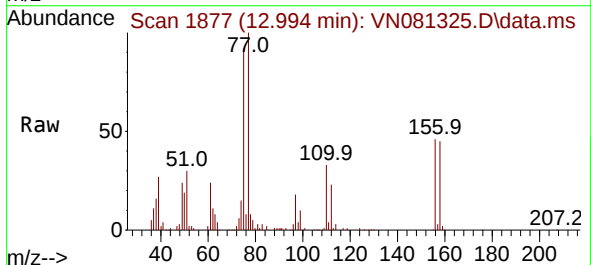
Tgt Ion: 83 Resp: 110735
Ion Ratio Lower Upper
83 100
131 9.7 4.1 12.3
85 66.1 32.1 96.3

Manual Integrations
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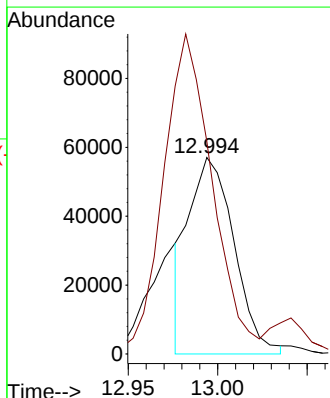
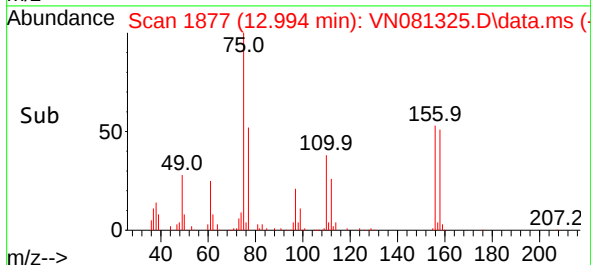
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

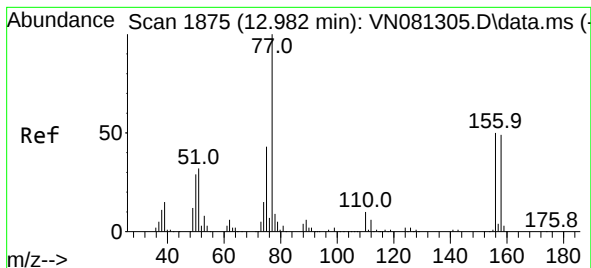


#76
1,2,3-Trichloropropane
Concen: 19.022 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38



Tgt Ion: 75 Resp: 100543
Ion Ratio Lower Upper
75 100
77 175.6 91.0 272.8





#77

Bromobenzene

Concen: 17.354 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

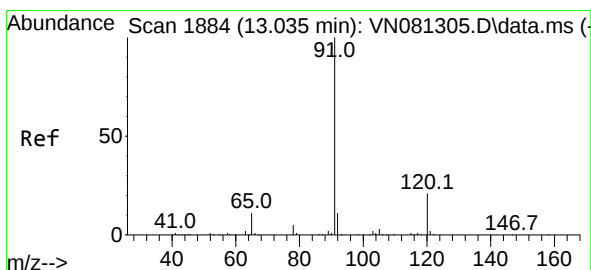
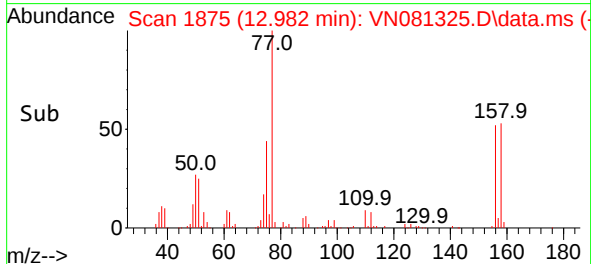
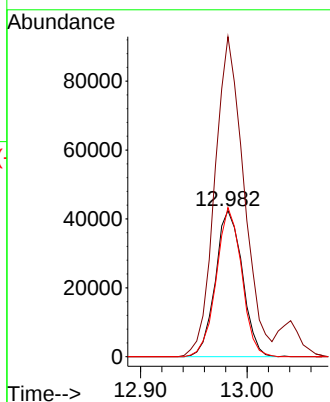
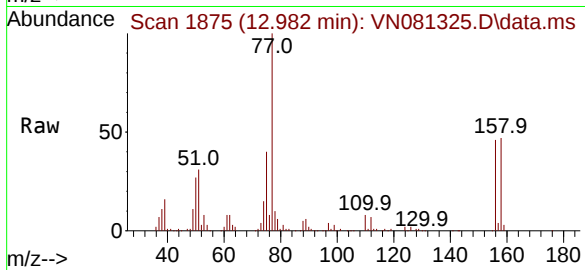
Tgt Ion:156 Resp: 7435
 Ion Ratio Lower Upper
 156 100
 77 237.4 138.1 414.3
 158 96.1 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#78

n-propylbenzene

Concen: 18.587 ug/l

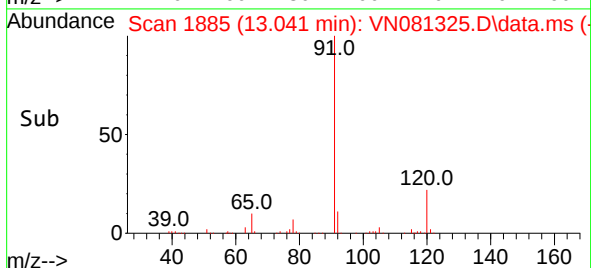
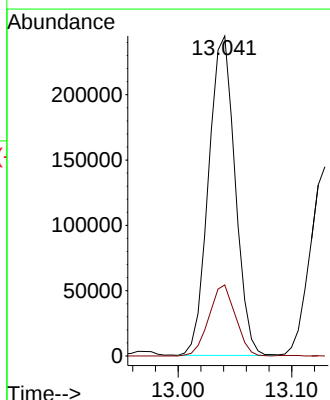
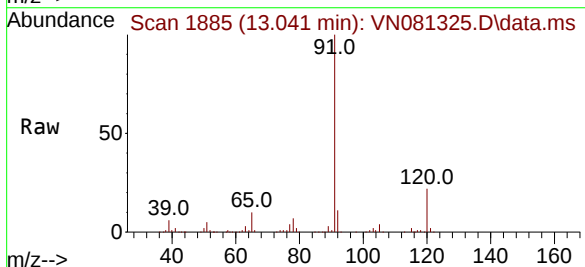
RT: 13.041 min Scan# 1885

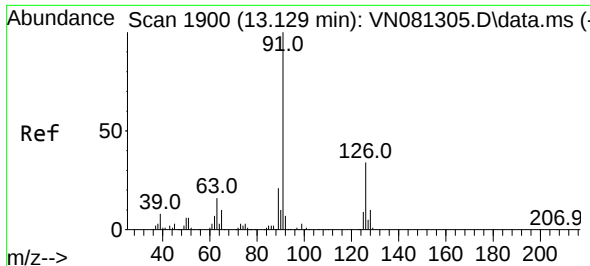
Delta R.T. 0.006 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

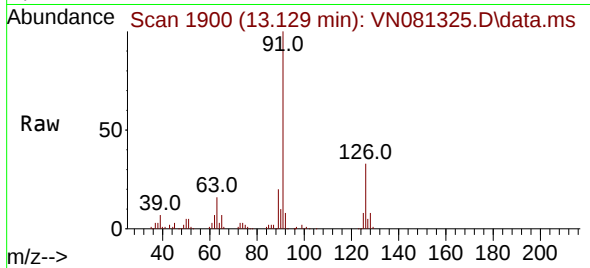
Tgt Ion: 91 Resp: 397257
 Ion Ratio Lower Upper
 91 100
 120 22.3 10.3 30.9





#79
2-Chlorotoluene
Concen: 18.482 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

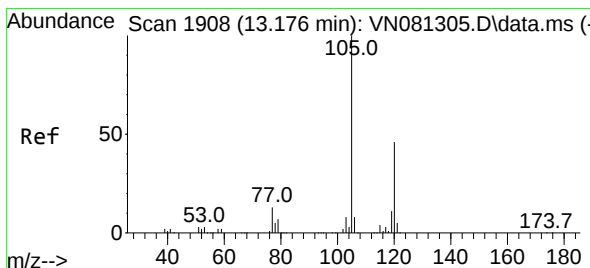
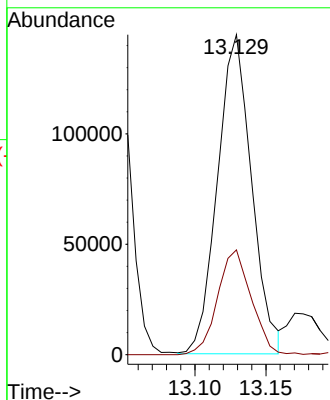
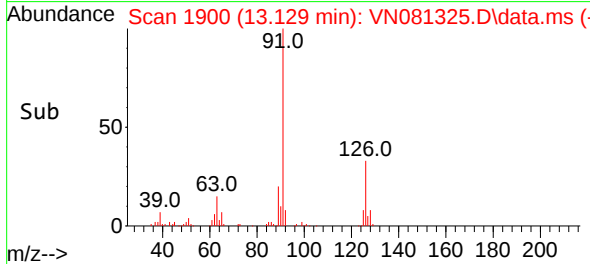
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



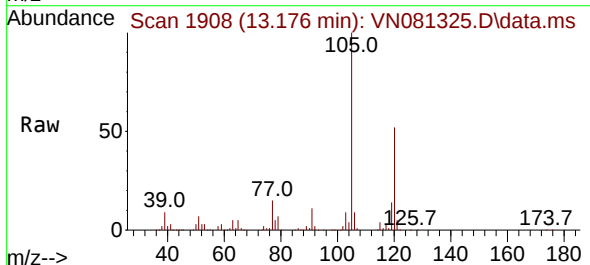
Tgt Ion: 91 Resp: 241454
Ion Ratio Lower Upper
91 100
126 32.4 14.8 44.4

Manual Integrations
APPROVED

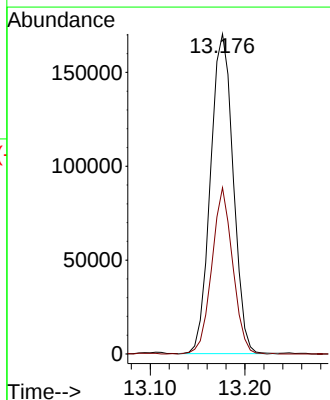
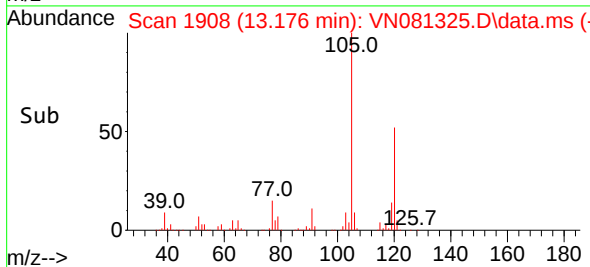
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

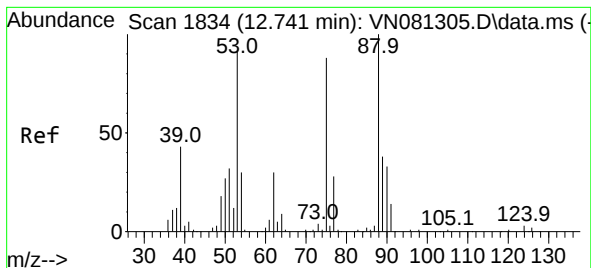


#80
1,3,5-Trimethylbenzene
Concen: 18.996 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38



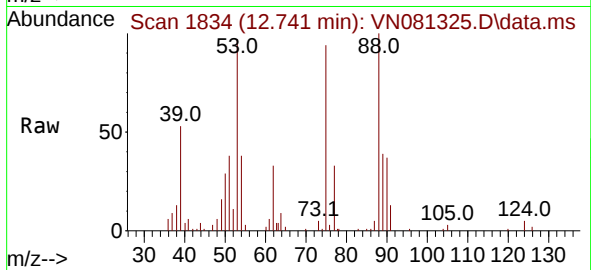
Tgt Ion:105 Resp: 283758
Ion Ratio Lower Upper
105 100
120 47.9 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.867 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

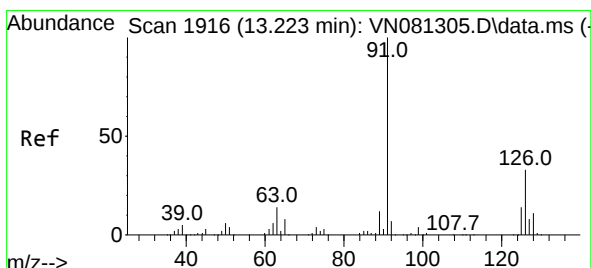
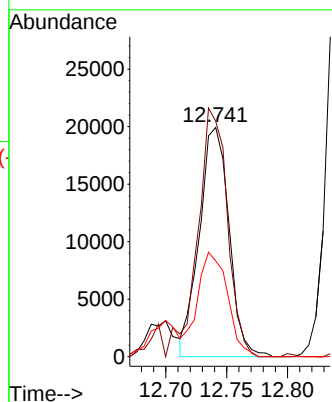
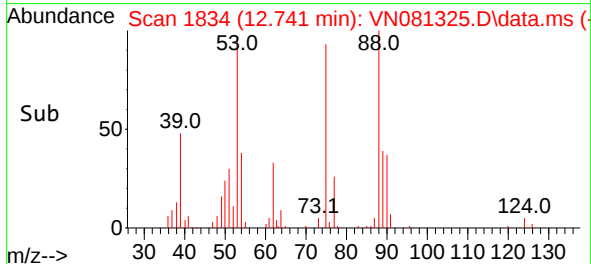
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion: 75 Resp: 33839
Ion Ratio Lower Upper
75 100
53 107.8 71.4 107.2
89 46.5 33.4 50.0

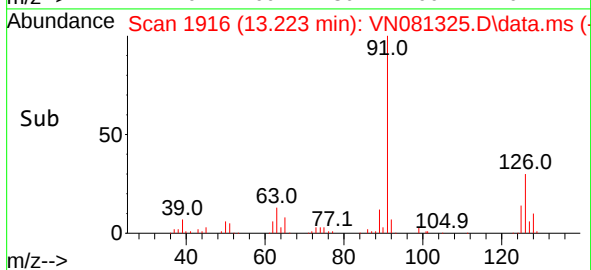
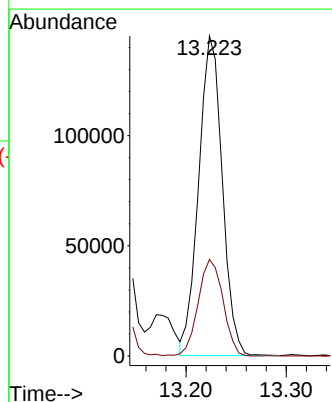
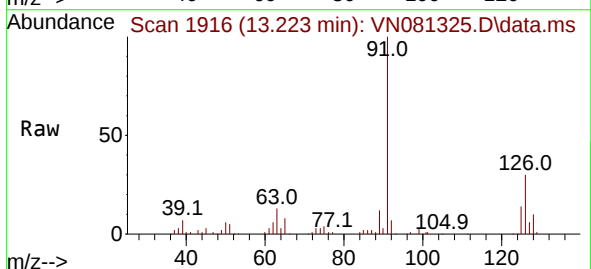
Manual Integrations
APPROVED

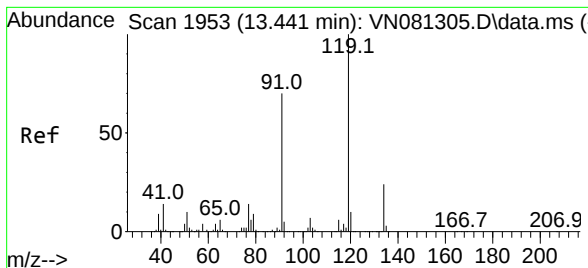
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#82
4-Chlorotoluene
Concen: 18.392 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

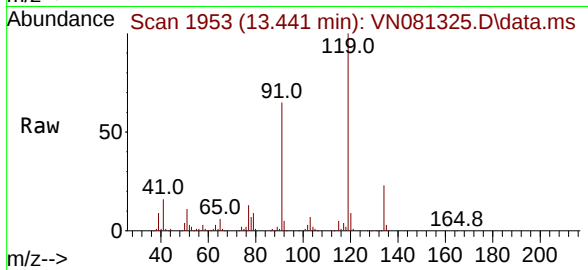
Tgt Ion: 91 Resp: 237329
Ion Ratio Lower Upper
91 100
126 31.7 15.3 45.9





#83
tert-Butylbenzene
Concen: 18.572 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

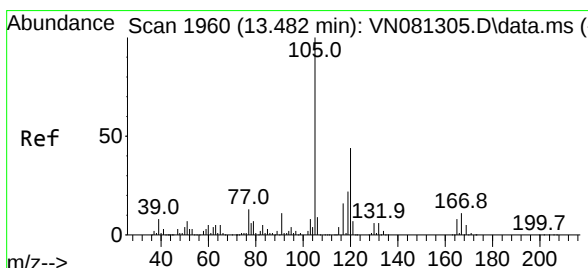
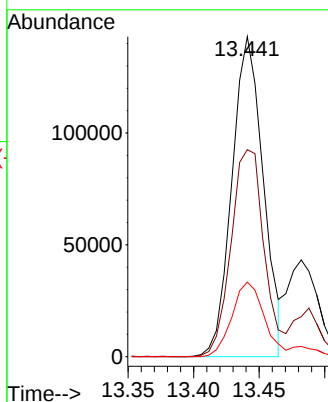
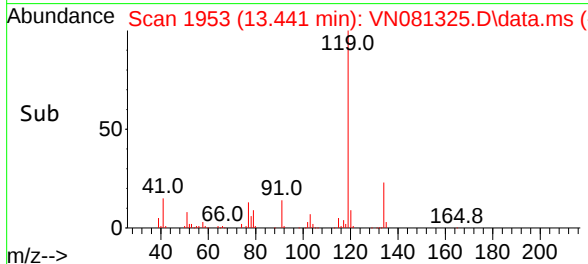
Instrument : MSVOA_N
ClientSampleId : VN0306WBSD01



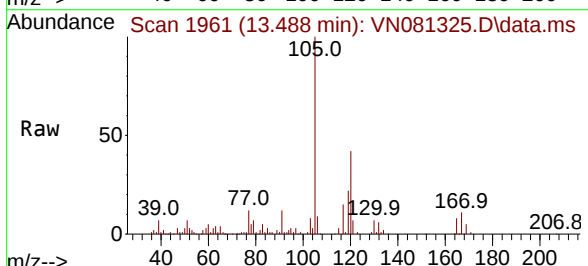
Tgt Ion:119 Resp: 23783
Ion Ratio Lower Upper
119 100
91 68.8 36.8 110.4
134 23.9 12.4 37.4

Manual Integrations
APPROVED

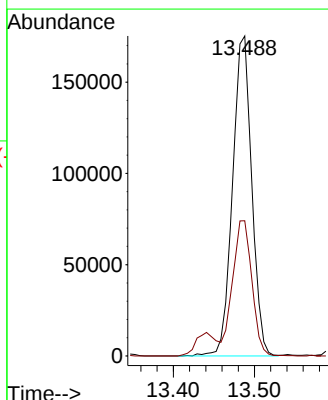
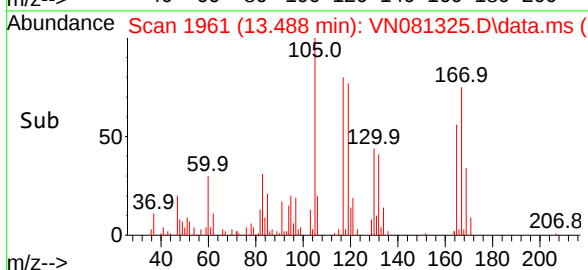
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

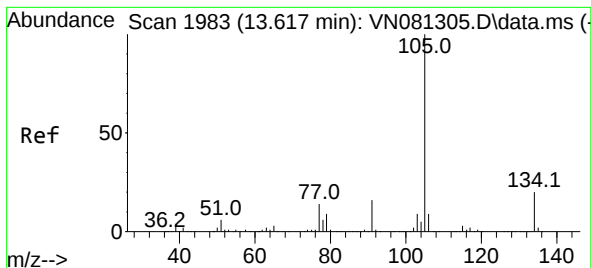


#84
1,2,4-Trimethylbenzene
Concen: 18.966 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38



Tgt Ion:105 Resp: 287030
Ion Ratio Lower Upper
105 100
120 42.6 20.9 62.7





#85

sec-Butylbenzene

Concen: 18.500 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBSD01

Tgt Ion:105 Resp: 342738

Ion Ratio Lower Upper

105 100

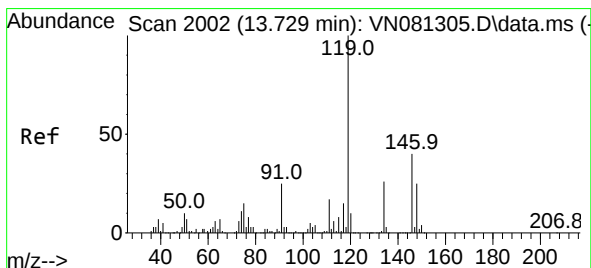
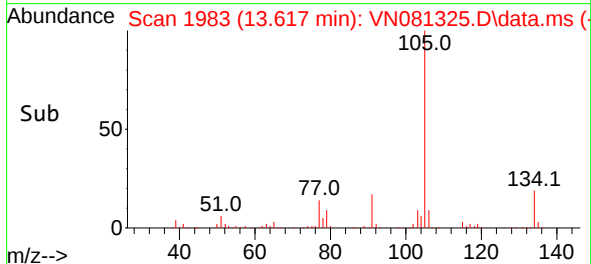
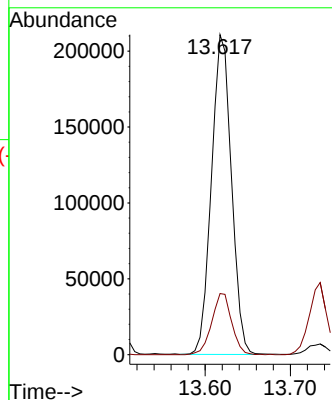
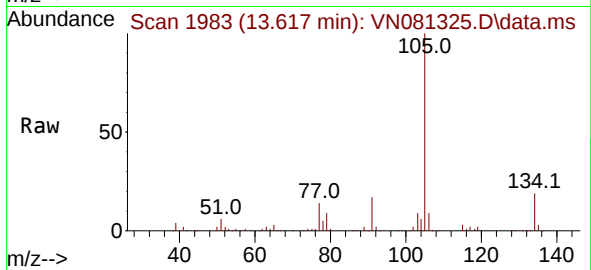
134 19.1 8.6 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#86

p-Isopropyltoluene

Concen: 18.326 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN081325.D

Acq: 06 Mar 2024 14:38

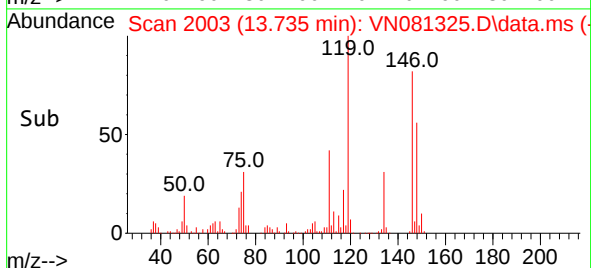
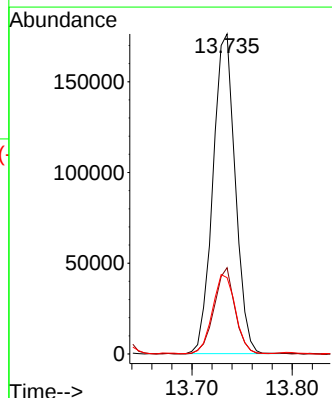
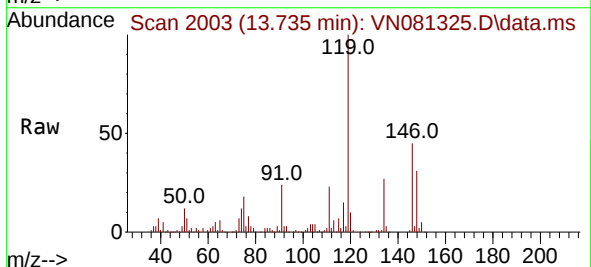
Tgt Ion:119 Resp: 272278

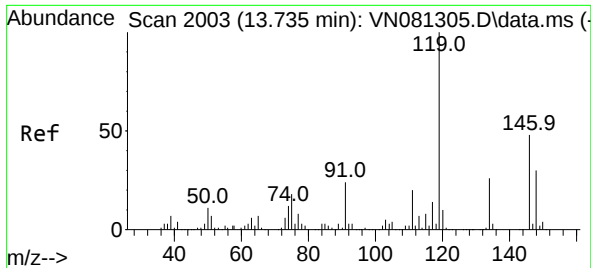
Ion Ratio Lower Upper

119 100

134 25.5 12.4 37.2

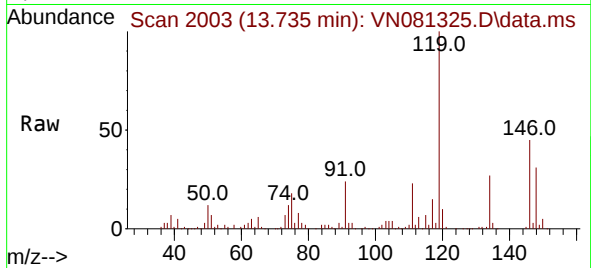
91 25.4 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 17.199 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

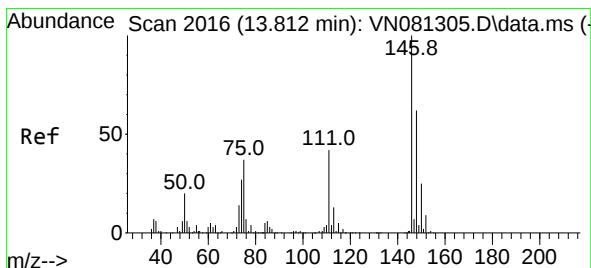
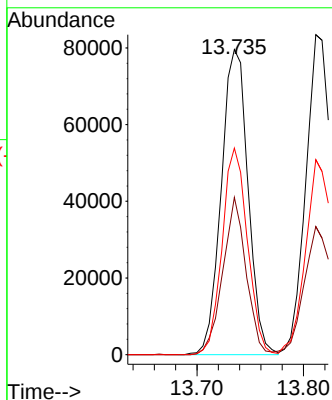
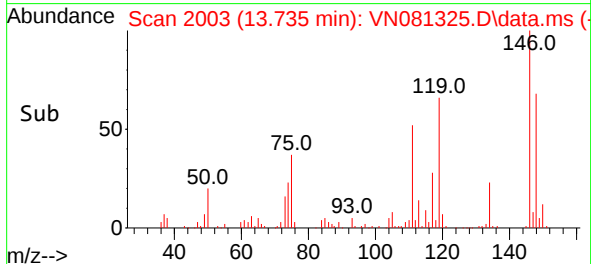
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion:146 Resp: 139138
Ion Ratio Lower Upper
146 100
111 44.8 23.9 71.7
148 63.9 32.6 97.7

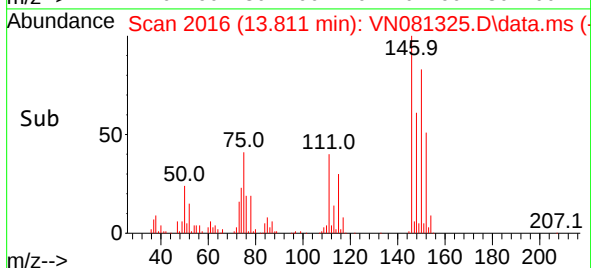
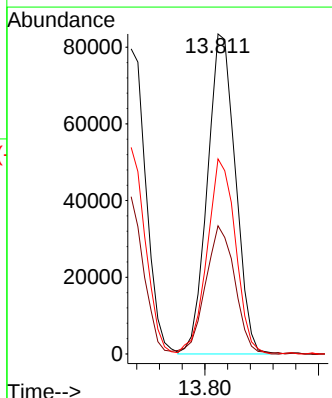
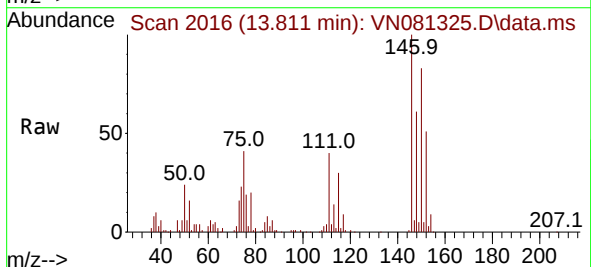
Manual Integrations
APPROVED

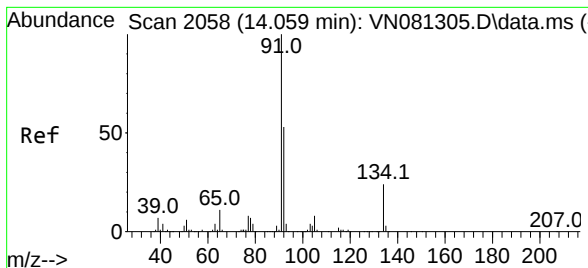
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#88
1,4-Dichlorobenzene
Concen: 17.726 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

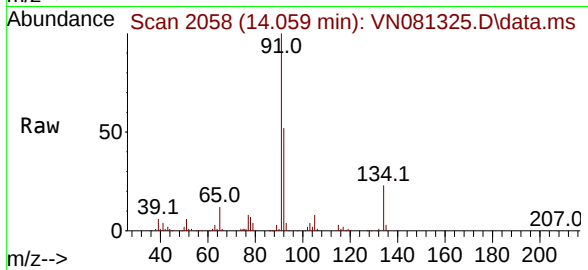
Tgt Ion:146 Resp: 143335
Ion Ratio Lower Upper
146 100
111 42.1 22.6 67.7
148 61.6 31.9 95.5





#89
n-Butylbenzene
Concen: 17.544 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

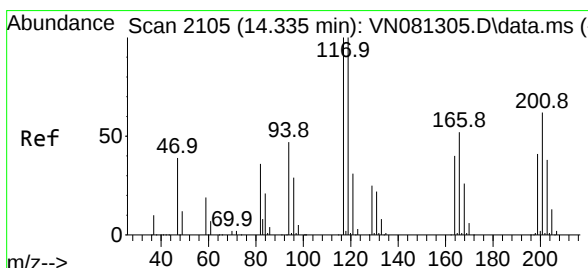
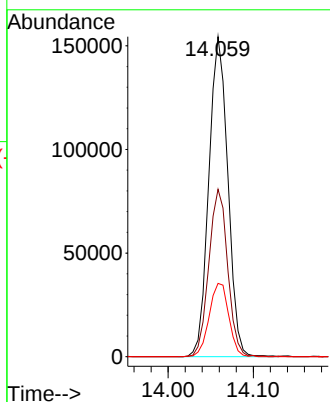
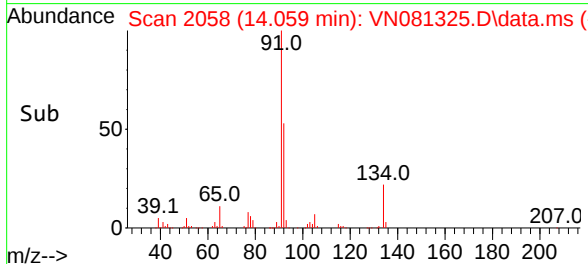
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



Tgt Ion: 91 Resp: 23903
Ion Ratio Lower Upper
91 100
92 51.9 26.7 80.1
134 23.7 10.8 32.4

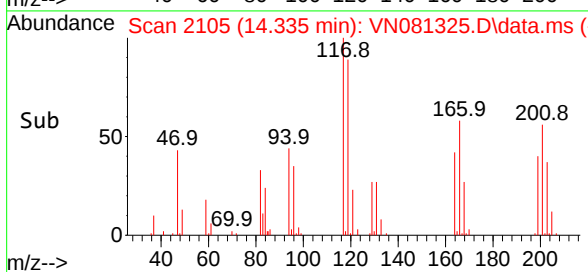
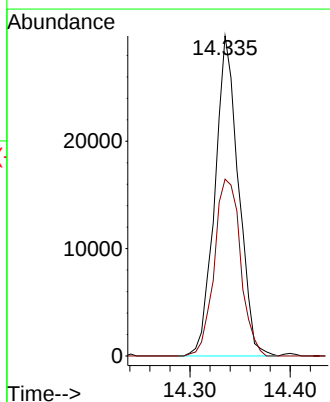
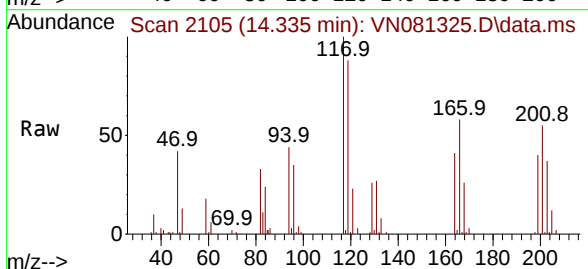
Manual Integrations
APPROVED

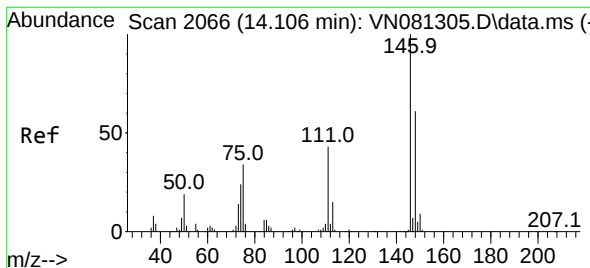
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#90
Hexachloroethane
Concen: 18.743 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

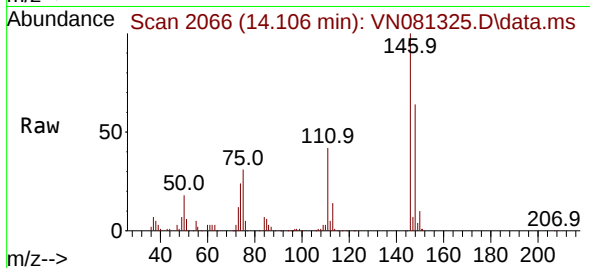
Tgt Ion:117 Resp: 48755
Ion Ratio Lower Upper
117 100
201 61.4 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 18.161 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

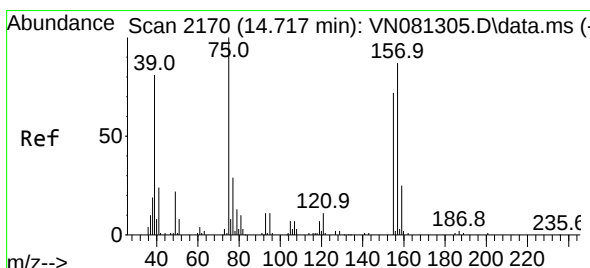
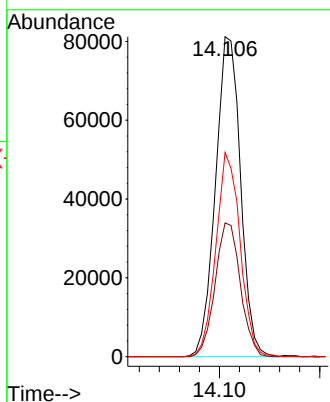
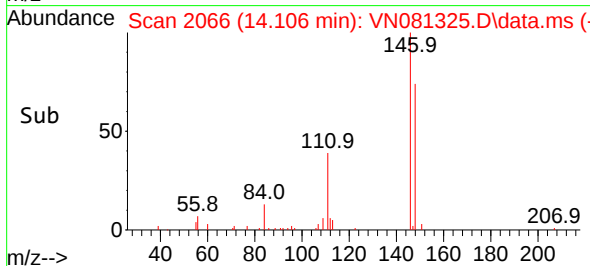
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



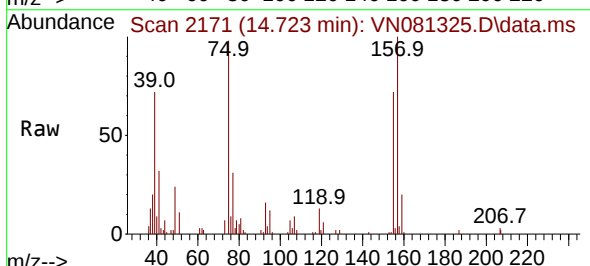
Tgt Ion:146 Resp: 14096
Ion Ratio Lower Upper
146 100
111 42.1 23.9 71.8
148 61.8 31.4 94.0

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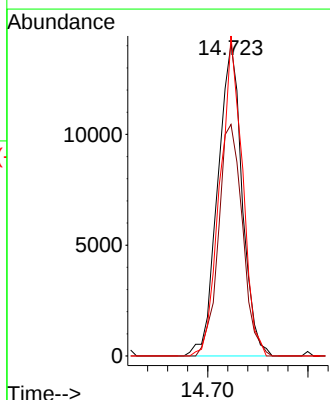
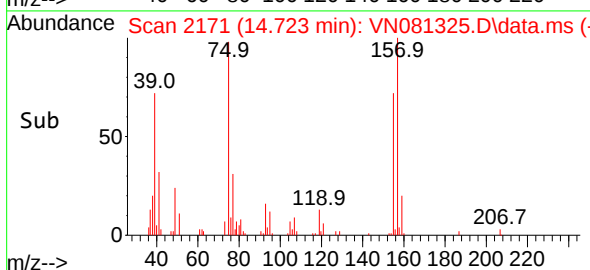
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

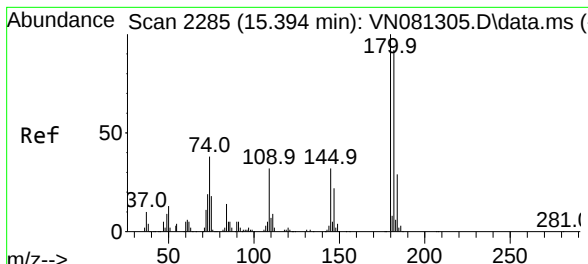


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.881 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38



Tgt Ion: 75 Resp: 23725
Ion Ratio Lower Upper
75 100
155 73.5 31.8 95.4
157 93.6 41.1 123.4





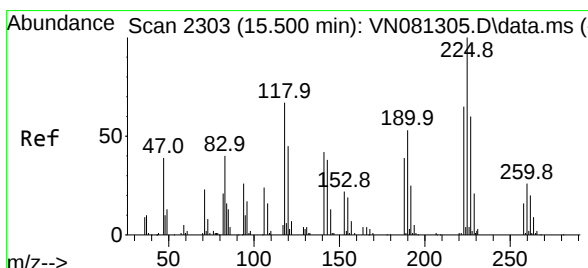
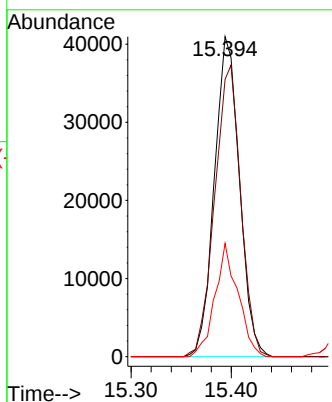
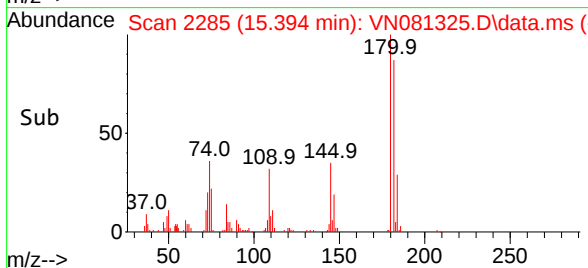
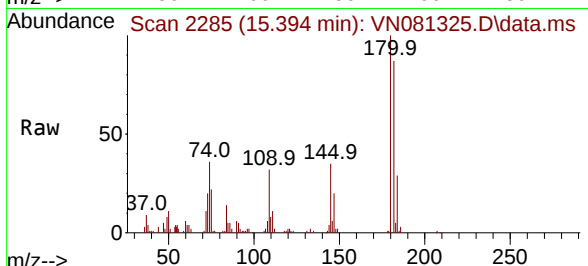
#93
 1,2,4-Trichlorobenzene
 Concen: 17.127 ug/l
 RT: 15.394 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: VN081325.D
 Acq: 06 Mar 2024 14:38

Instrument : MSVOA_N
 ClientSampleId : VN0306WBSD01

Tgt Ion:	180	Resp:	7105
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.6	139.7
145	32.7	16.8	50.3

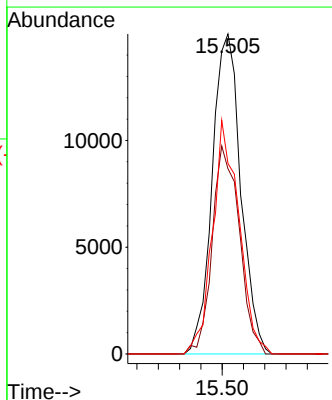
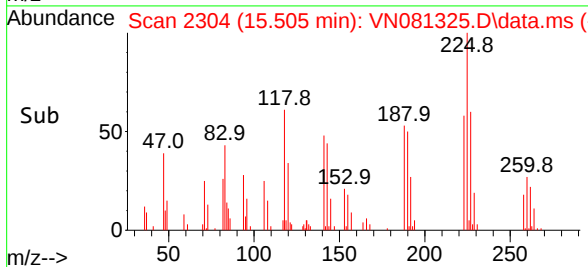
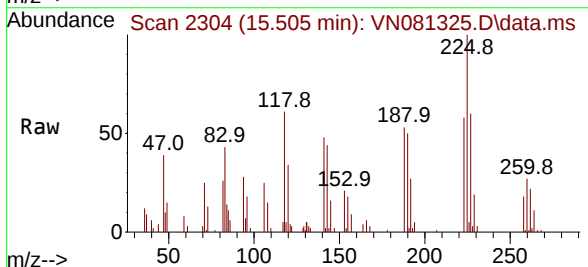
Manual Integrations
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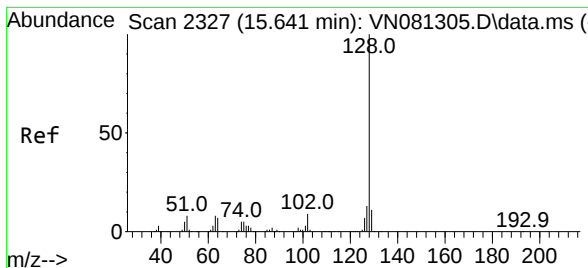
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#94
 Hexachlorobutadiene
 Concen: 16.294 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN081325.D
 Acq: 06 Mar 2024 14:38

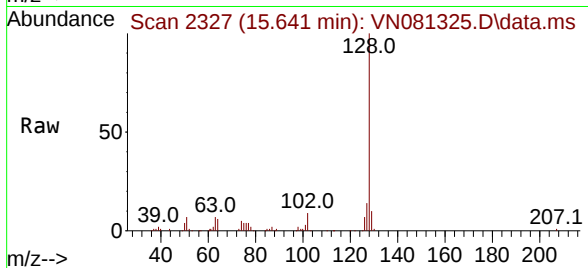
Tgt Ion:	225	Resp:	27934
Ion Ratio	Lower	Upper	
225	100		
223	61.8	33.3	99.8
227	67.3	33.1	99.2





#95
Naphthalene
Concen: 17.856 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38

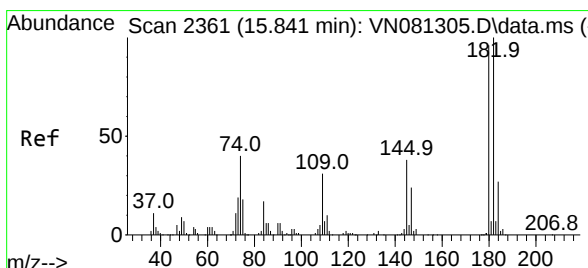
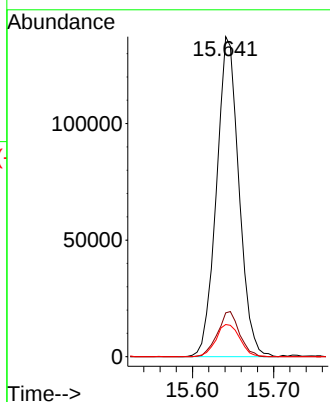
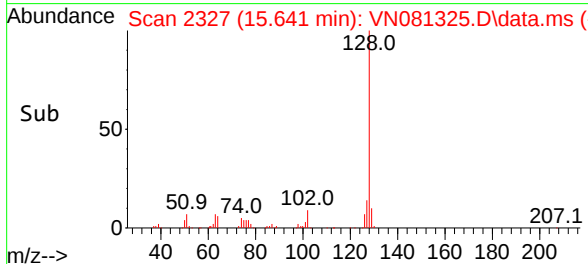
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBSD01



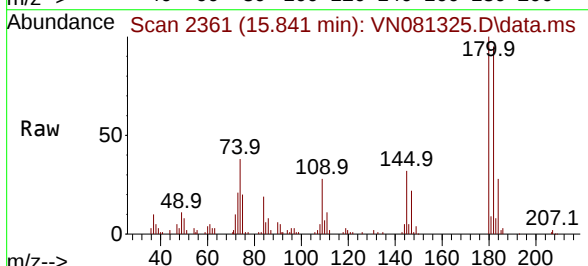
Tgt Ion:128 Resp: 263600
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.871 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081325.D
Acq: 06 Mar 2024 14:38



Tgt Ion:180 Resp: 75193
Ion Ratio Lower Upper
180 100
182 94.5 46.5 139.3
145 35.9 17.8 53.4

