

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
 Data File : VX042860.D
 Acq On : 06 Aug 2024 10:31
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/07/2024
 Supervised By : Mahesh Dadoda 08/08/2024

Quant Time: Aug 07 04:25:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:19:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	48559	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	304112	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	277546	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	132788	29.716	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.067%		
60) 4-Bromofluorobenzene	11.079	95	135055	29.826	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.433%		
63) Toluene-d8	8.646	98	381689	30.445	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56542	19.865	ug/l	100
3) Chloromethane	1.300	50	46764	17.901	ug/l	100
4) Vinyl Chloride	1.373	62	52613	18.864	ug/l	100
5) Bromomethane	1.605	94	32633	19.196	ug/l	100
6) Chloroethane	1.690	64	32646	19.676	ug/l	100
7) Trichlorofluoromethane	1.885	101	94753	21.299	ug/l	100
8) Diethyl Ether	2.135	74	34018	19.463	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.330	101	59250	19.538	ug/l	100
10) 1,1-Dichloroethene	2.318	96	55595	19.194	ug/l	100
11) Methyl Iodide	2.452	142	44998	16.891	ug/l	100
12) Methyl Acetate	2.708	43	139324	22.009	ug/l	100
13) Acrolein	2.239	56	12678m	70.541	ug/l	
14) Acrylonitrile	3.068	53	187214	97.287	ug/l	100
15) Acetone	2.379	58	59662	95.551	ug/l	100
16) Carbon Disulfide	2.513	76	114784	19.043	ug/l	100
17) Allyl chloride	2.666	41	98059	20.918	ug/l	100
18) Methylene Chloride	2.794	84	63558	18.922	ug/l	100
19) trans-1,2-Dichloroethene	3.092	96	58412	19.802	ug/l	100
20) Diisopropyl ether	3.763	45	204095	19.936	ug/l	100
21) 1,1-Dichloroethane	3.611	63	115951	19.915	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	70608	19.078	ug/l	100
23) tert-Butyl Alcohol	2.964	59	84772	95.518	ug/l	100
24) Methyl tert-Butyl Ether	3.117	73	201913	19.263	ug/l	100
25) Chloroform	5.098	83	122592	19.461	ug/l	100
26) Cyclohexane	5.470	56	86465	18.825	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	76183	19.439	ug/l	100
30) 2-Butanone	4.556	43	284465	98.565	ug/l	100
31) 2,2-Dichloropropane	4.476	77	89797	19.609	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	105052	19.358	ug/l	100
33) Carbon Tetrachloride	5.677	117	90714	19.545	ug/l	100
34) Benzene	6.037	78	242627	19.337	ug/l	100
35) Methacrylonitrile	4.921	41	54354	19.788	ug/l	100
36) 1,2-Dichloroethane	6.086	62	91272	19.711	ug/l	100
37) Trichloroethene	7.128	130	61624	19.400	ug/l	100
38) Methylcyclohexane	7.378	83	92226	18.988	ug/l	100
39) 1,2-Dichloropropane	7.427	63	62594	19.569	ug/l	100
40) Dibromomethane	7.580	93	47778	19.783	ug/l	100
41) Bromodichloromethane	7.823	83	93723	19.570	ug/l	100
42) Vinyl Acetate	3.727	43	815406	96.602	ug/l	100

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Instrument :
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 ClientSampleId :
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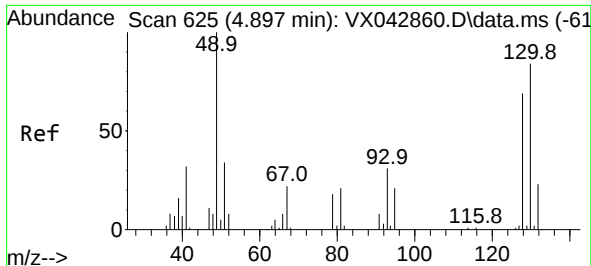
Manual Integrations
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Reviewed By : John Carlone 08/07/2024
 Supervised By : Mahesh Dadoda 08/08/2024

Quant Time: Aug 07 04:25:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
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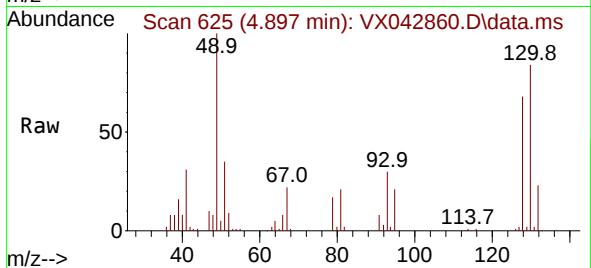
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	93605	19.067	ug/l	100
44) Isopropyl Acetate	6.342	43	154192	19.788	ug/l	100
45) 1,4-Dioxane	7.659	88	33279	419.604	ug/l	100
46) Methyl methacrylate	7.695	41	76486	19.752	ug/l	100
47) n-amyl Acetate	10.841	43	125112	18.770	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	91070	19.837	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	98306	19.773	ug/l	100
50) 1,1,2-Trichloroethane	9.152	97	65777	19.970	ug/l	100
51) Ethyl methacrylate	9.116	69	103982	19.293	ug/l	100
52) 1,3-Dichloropropane	9.311	76	107823	19.947	ug/l	100
53) Dibromochloromethane	9.518	129	74269	19.375	ug/l	100
54) 1,2-Dibromoethane	9.610	107	68079	19.873	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	244569	98.264	ug/l	100
56) Bromoform	10.798	173	52763	19.202	ug/l	100
58) 4-Methyl-2-Pentanone	8.573	43	534465	102.258	ug/l	100
59) 2-Hexanone	9.427	43	413421	100.074	ug/l	100
61) Tetrachloroethene	9.274	164	55063	19.983	ug/l	100
62) Toluene	8.720	91	269216	19.804	ug/l	100
64) Chlorobenzene	10.079	112	173245	19.912	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.164	131	62596	19.819	ug/l	100
66) Ethyl Benzene	10.195	91	299804	19.843	ug/l	100
67) m/p-Xylenes	10.299	106	226180	39.594	ug/l	100
68) o-Xylene	10.640	106	111939	19.878	ug/l	100
69) Styrene	10.652	104	189930	19.587	ug/l	100
70) Isopropylbenzene	10.963	105	295741	19.954	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	106308	19.888	ug/l	100
72) 1,2,3-Trichloropropane	11.237	75	83721m	19.174	ug/l	
73) Bromobenzene	11.195	156	72719	19.310	ug/l	100
74) n-propylbenzene	11.304	91	343871	19.834	ug/l	100
75) 2-Chlorotoluene	11.365	91	206158	19.482	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	243937	19.419	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	29002	18.681	ug/l	100
78) 4-Chlorotoluene	11.451	91	234481	19.321	ug/l	100
79) tert-butylbenzene	11.713	119	249292	19.341	ug/l	100
80) 1,2,4-Trimethylbenzene	11.749	105	239806	19.350	ug/l	100
81) sec-Butylbenzene	11.890	105	310240	19.638	ug/l	100
82) p-Isopropyltoluene	12.006	119	259227	19.594	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	134646	19.426	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	135608	19.460	ug/l	100
85) n-Butylbenzene	12.329	91	232433	19.493	ug/l	100
86) Hexachloroethane	12.536	117	45065	18.874	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	132842	19.239	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.944	75	22568	18.689	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	86075	19.161	ug/l	100
90) Hexachlorobutadiene	13.725	225	36908	19.012	ug/l	100
91) Naphthalene	13.774	128	285744	18.895	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	88270	19.457	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

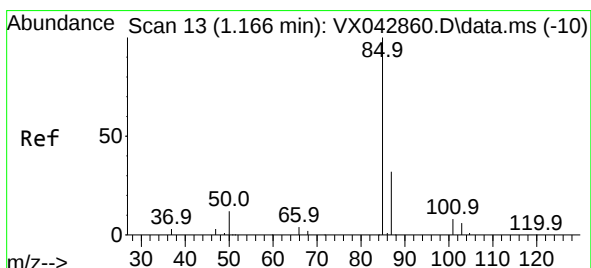
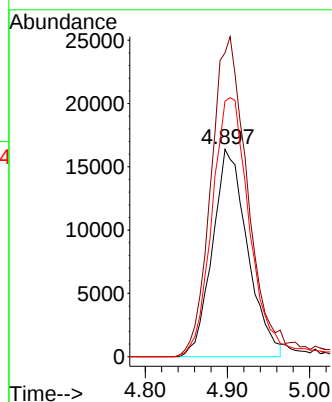
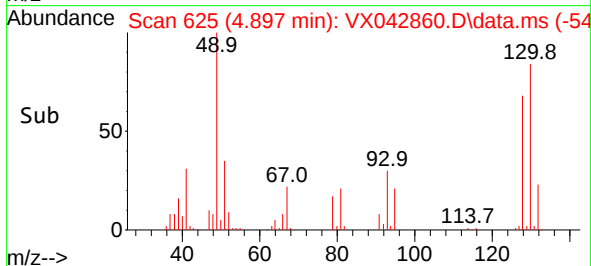
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 4855
Ion Ratio Lower Upper
128 100
49 160.2 0.0 400.5
130 133.2 0.0 333.0

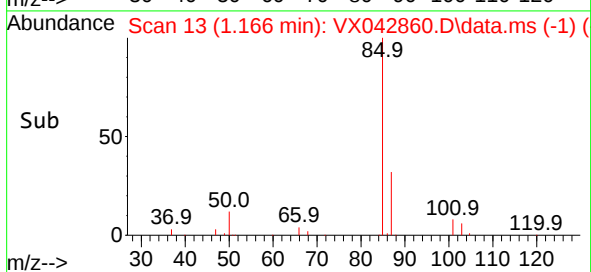
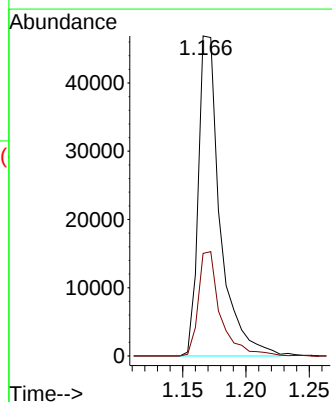
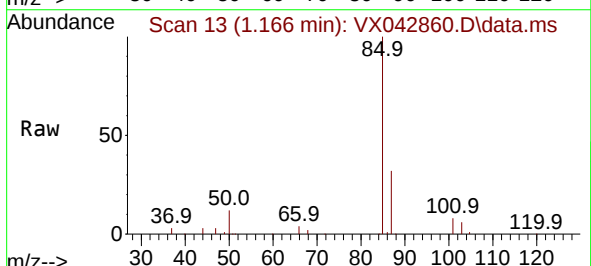
Manual Integrations
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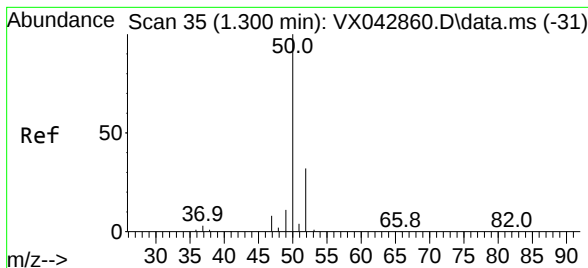
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#2
Dichlorodifluoromethane
Concen: 19.865 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

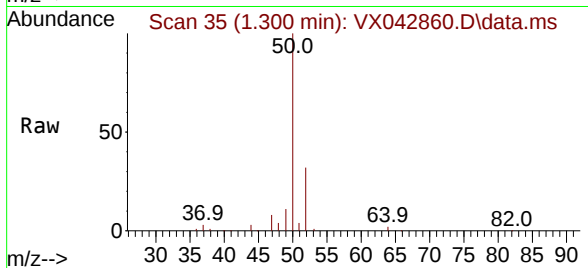
Tgt Ion: 85 Resp: 56542
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0





#3
Chloromethane
Concen: 17.901 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

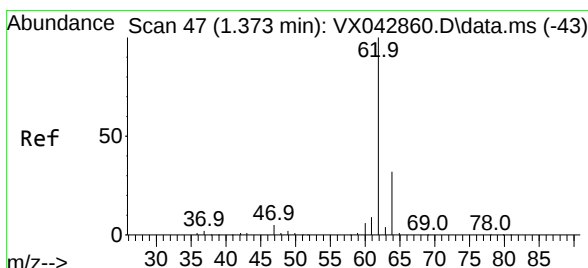
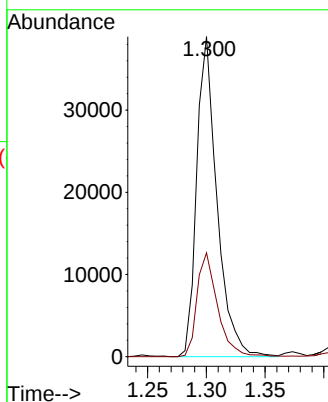
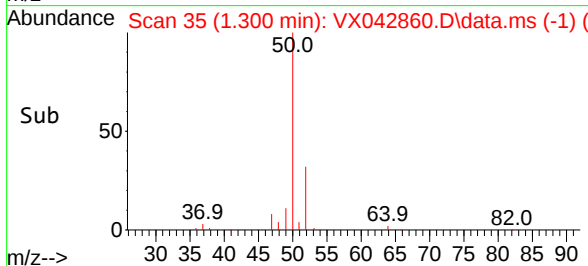
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 50 Resp: 46764
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0

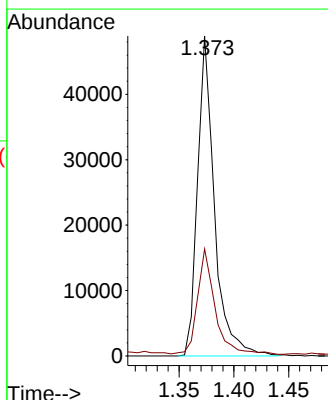
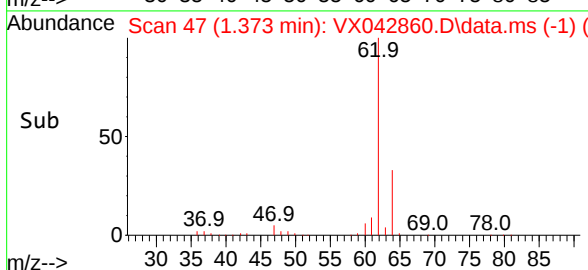
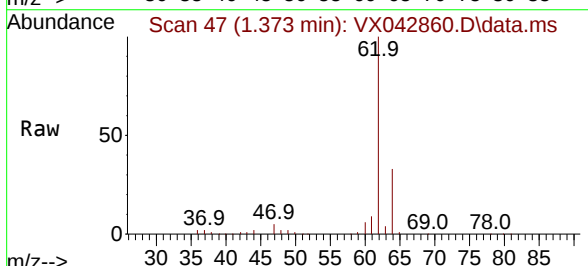
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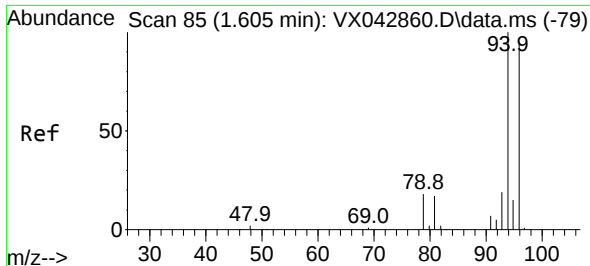
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#4
Vinyl Chloride
Concen: 18.864 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

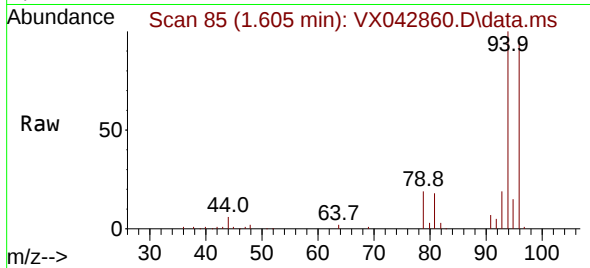
Tgt Ion: 62 Resp: 52613
Ion Ratio Lower Upper
62 100
64 32.9 26.3 39.5





#5
Bromomethane
Concen: 19.196 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

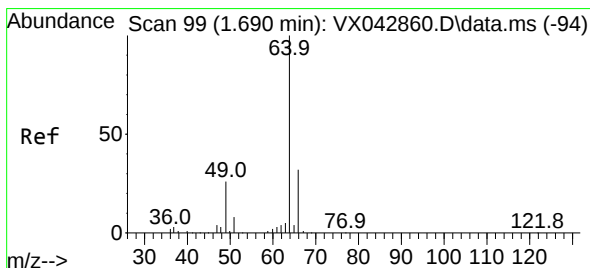
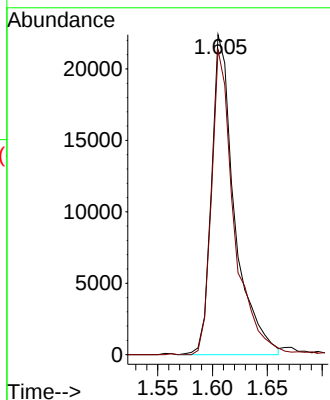
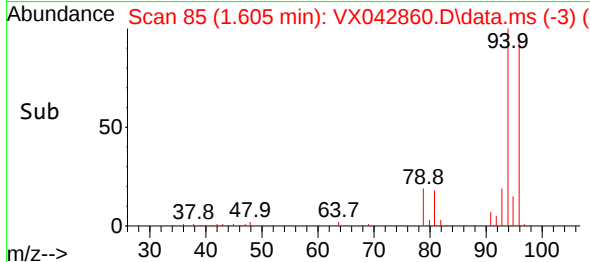
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 3263
Ion Ratio Lower Upper
94 100
96 95.3 76.2 114.4

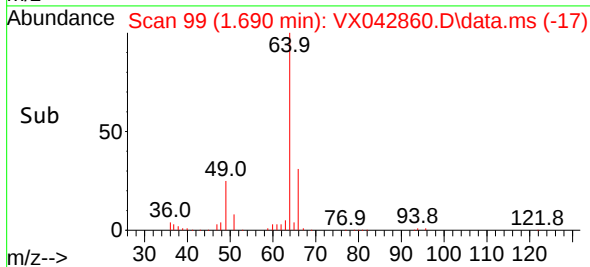
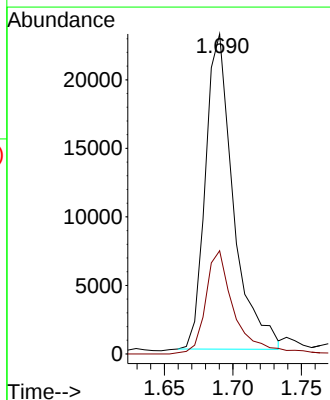
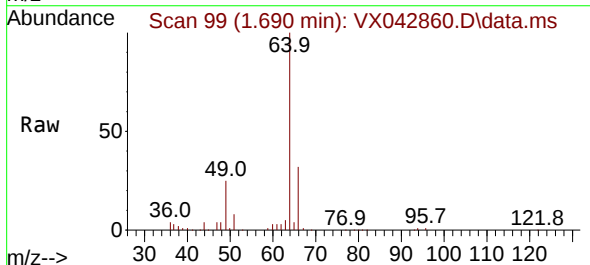
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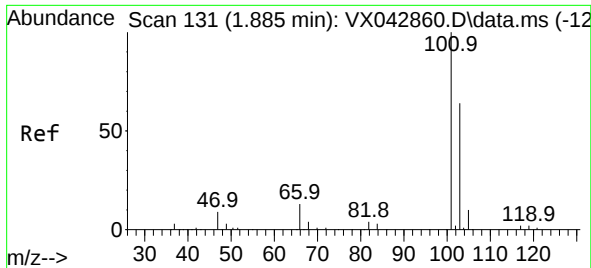
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#6
Chloroethane
Concen: 19.676 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

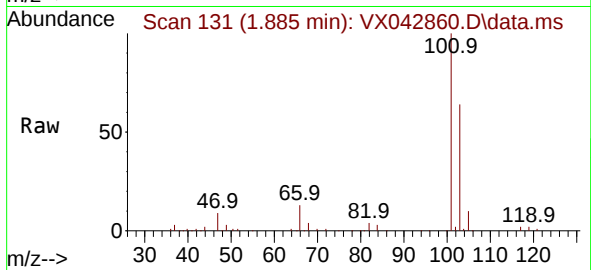
Tgt Ion: 64 Resp: 32646
Ion Ratio Lower Upper
64 100
66 32.4 25.9 38.9





#7
Trichlorofluoromethane
Concen: 21.299 ug/l
RT: 1.885 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

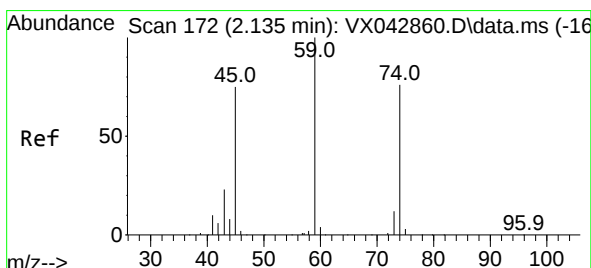
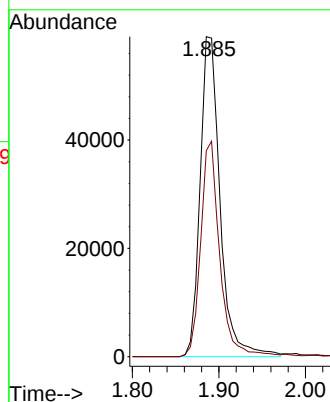
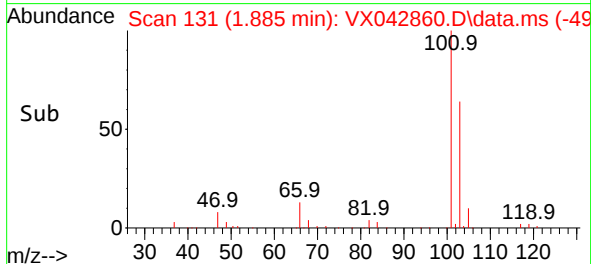
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Tgt Ion:101 Resp: 9475
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

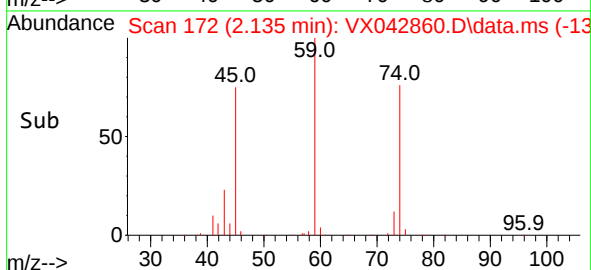
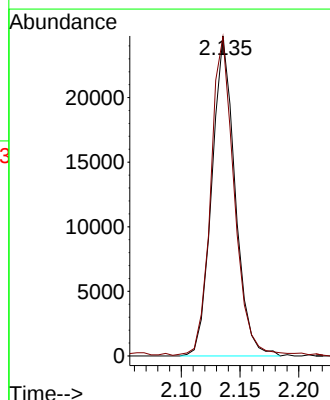
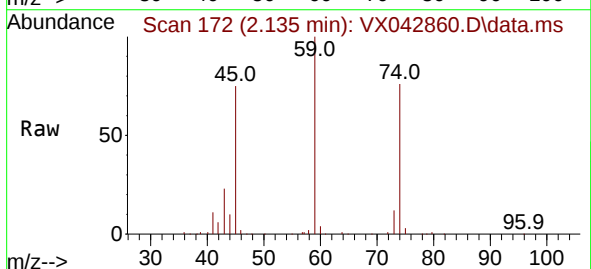
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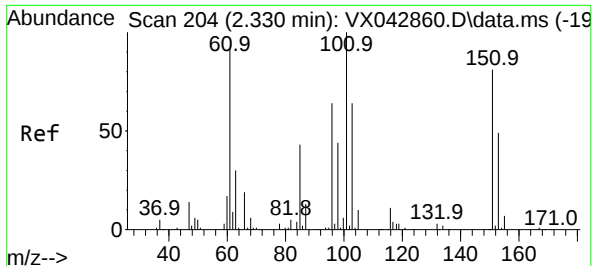
Reviewed By :John Carbone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#8
Diethyl Ether
Concen: 19.463 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Tgt Ion: 74 Resp: 34018
Ion Ratio Lower Upper
74 100
45 101.3 20.3 182.3





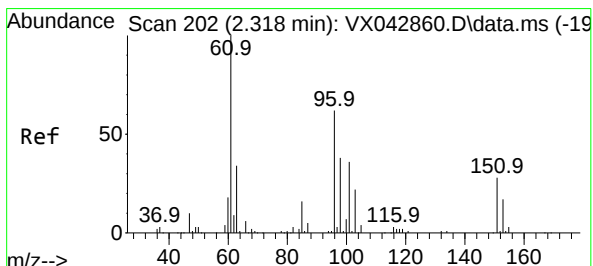
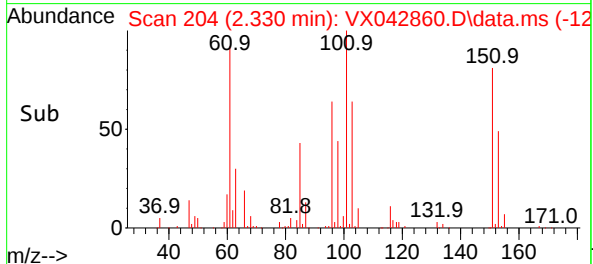
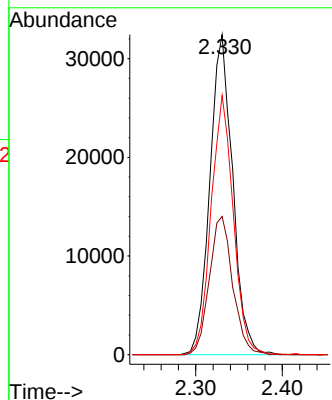
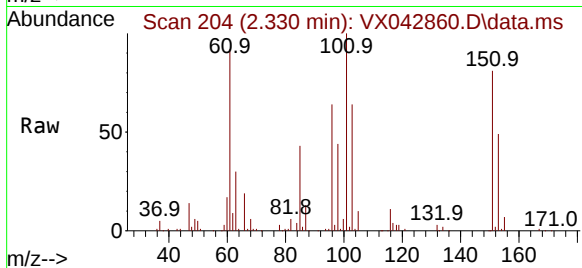
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.538 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 59250
Ion Ratio Lower Upper
101 100
85 44.3 0.0 88.6
151 78.8 0.0 157.6

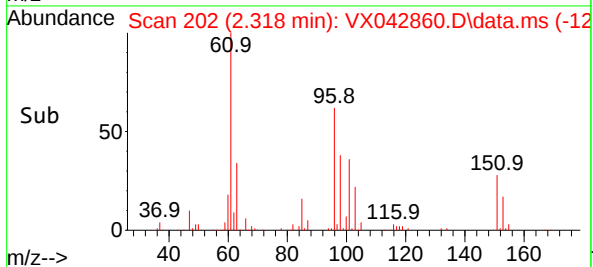
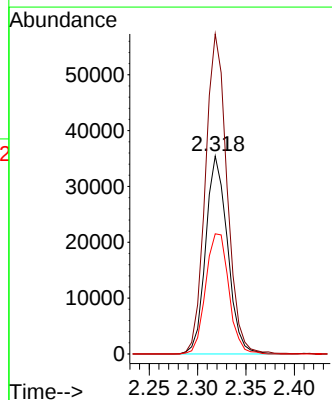
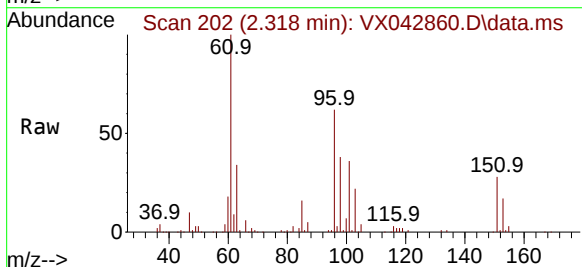
Manual Integrations
APPROVED

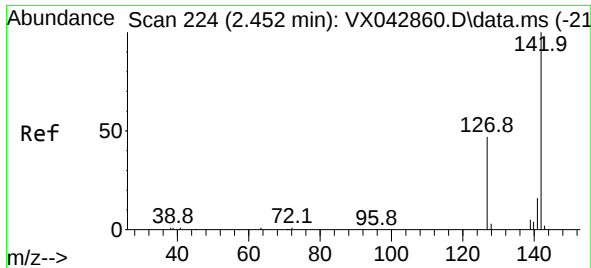
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#10
1,1-Dichloroethene
Concen: 19.194 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

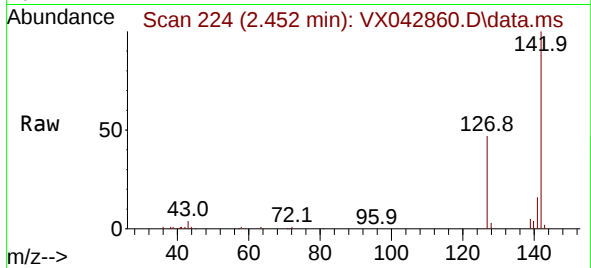
Tgt Ion: 96 Resp: 55595
Ion Ratio Lower Upper
96 100
61 161.5 129.2 193.8
98 60.7 48.6 72.8





#11
Methyl Iodide
Concen: 16.891 ug/l
RT: 2.452 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

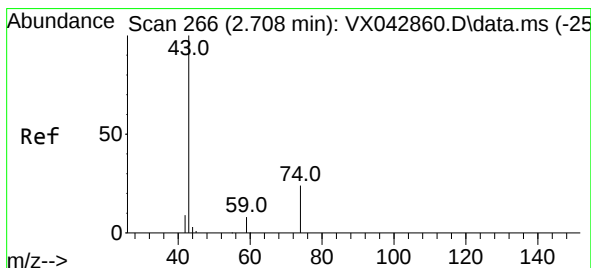
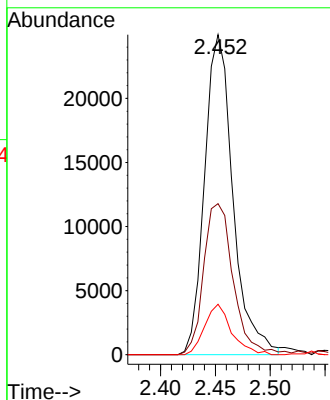
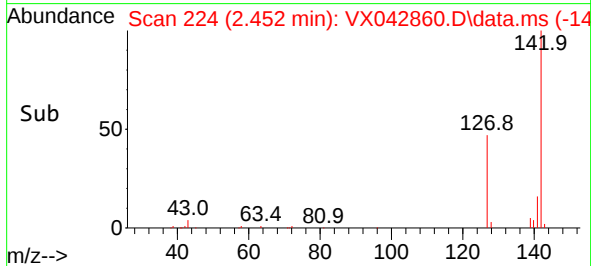
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 44998
Ion Ratio Lower Upper
142 100
127 47.3 23.6 71.0
141 15.9 8.0 23.8

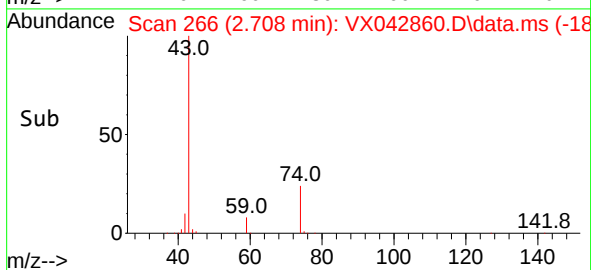
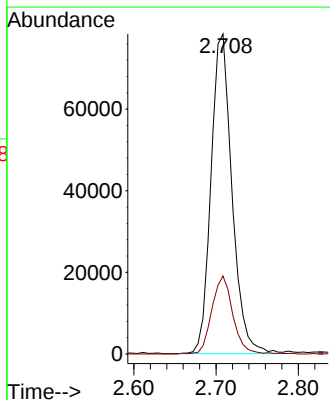
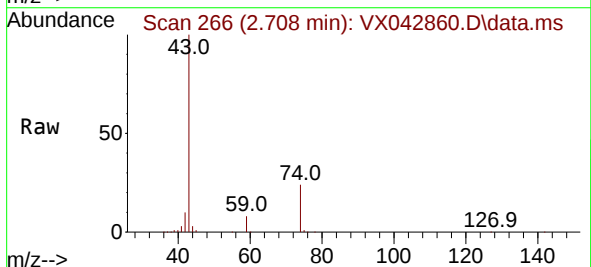
Manual Integrations
APPROVED

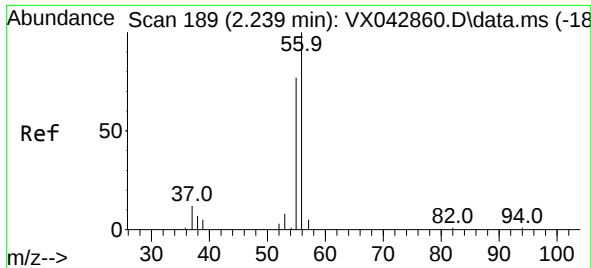
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#12
Methyl Acetate
Concen: 22.009 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

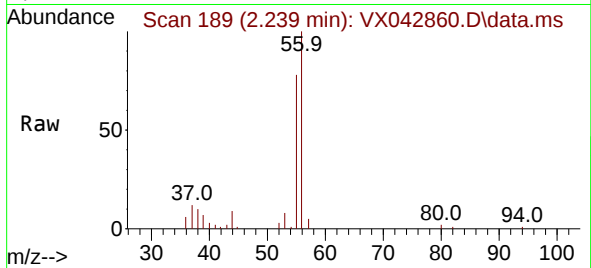
Tgt Ion: 43 Resp: 139324
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2





#13
Acrolein
Concen: 70.541 ug/l m
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

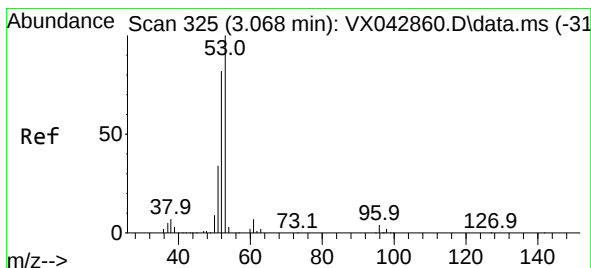
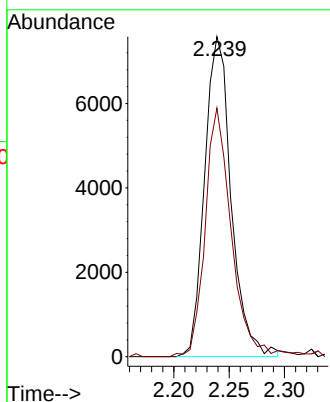
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 12678
Ion Ratio Lower Upper
56 100
55 74.9 60.6 90.8

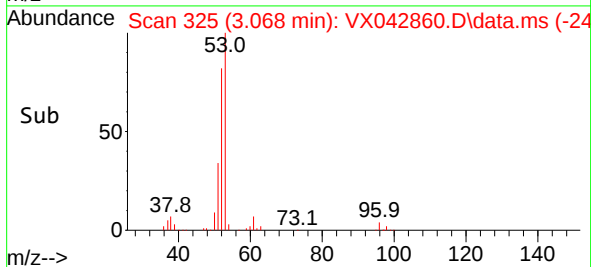
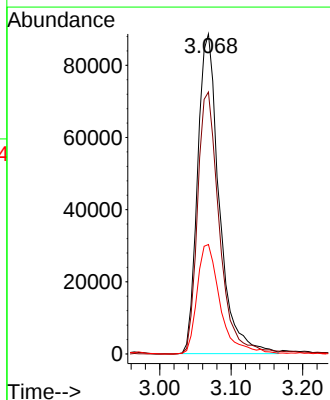
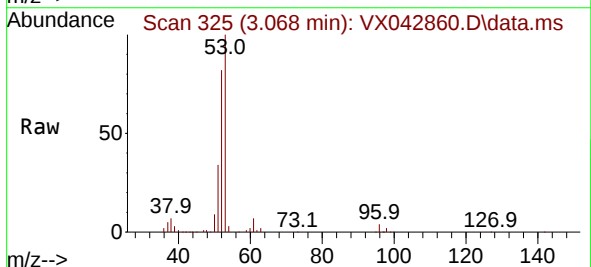
Manual Integrations
APPROVED

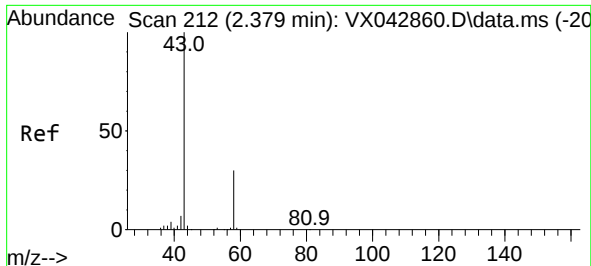
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#14
Acrylonitrile
Concen: 97.287 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

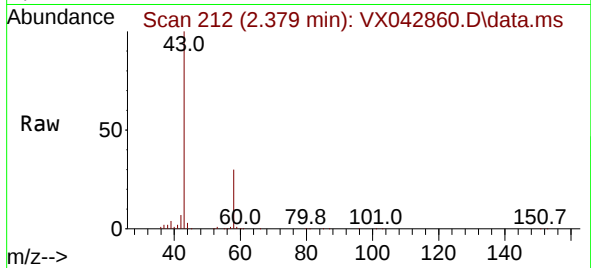
Tgt Ion: 53 Resp: 187214
Ion Ratio Lower Upper
53 100
52 82.4 41.2 123.6
51 35.9 17.9 53.8





#15
Acetone
Concen: 95.551 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

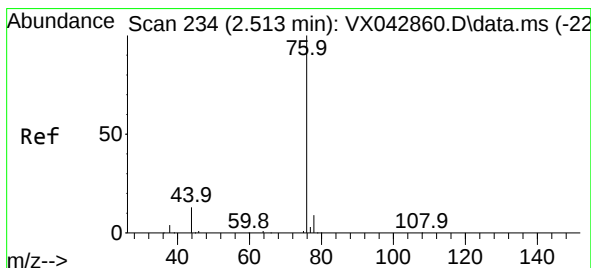
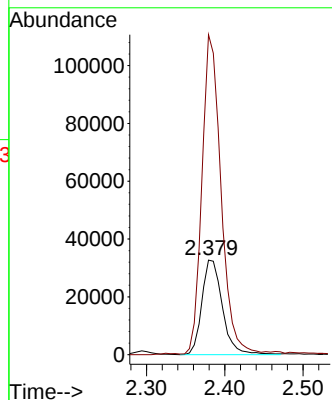
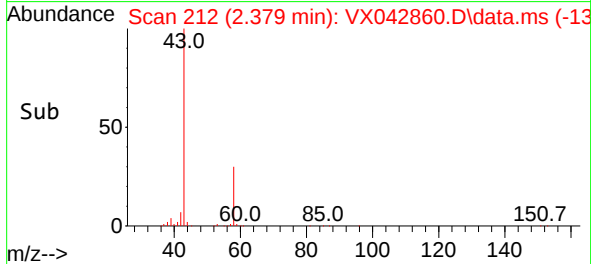
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 59662
Ion Ratio Lower Upper
58 100
43 337.4 269.9 404.9

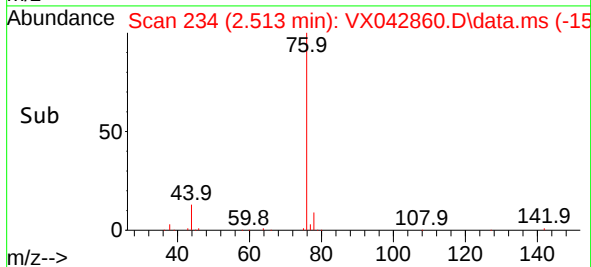
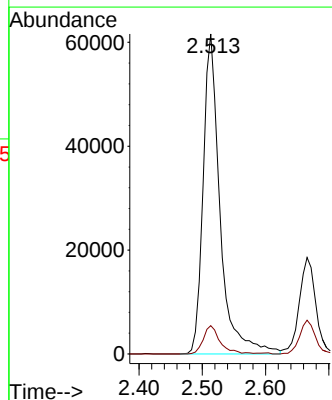
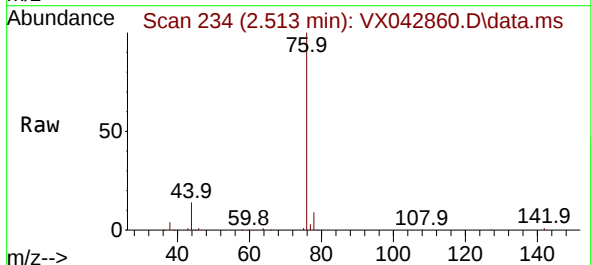
Manual Integrations
APPROVED

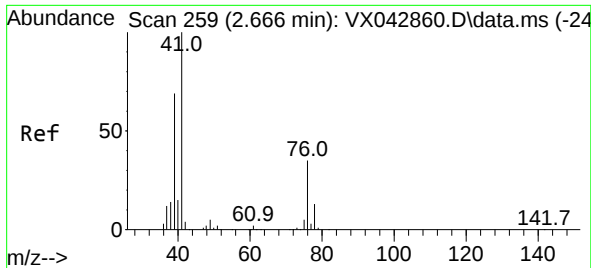
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#16
Carbon Disulfide
Concen: 19.043 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

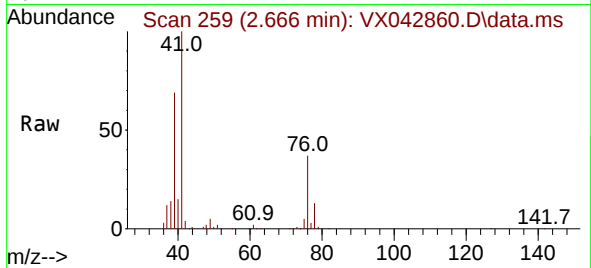
Tgt Ion: 76 Resp: 114784
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#17
 Allyl chloride
 Concen: 20.918 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX042860.D
 Acq: 06 Aug 2024 10:31

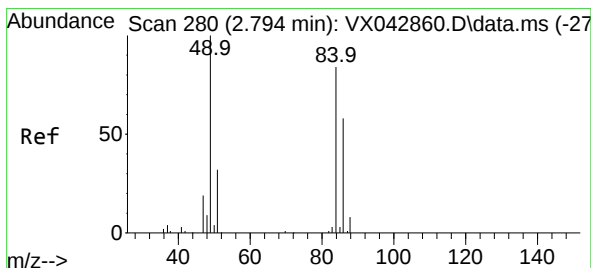
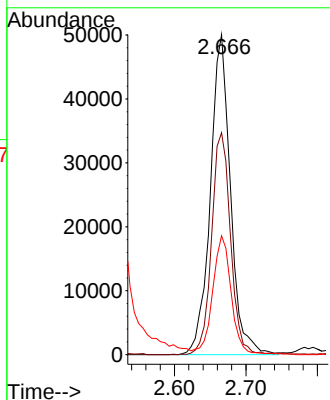
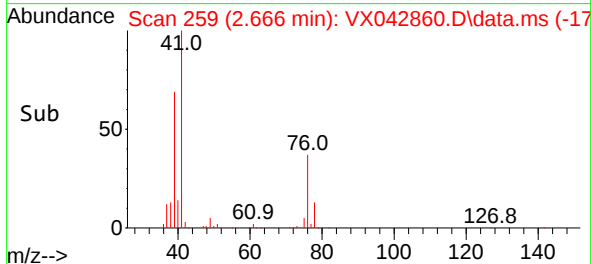
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 98058
 Ion Ratio Lower Upper
 41 100
 39 69.3 34.6 103.9
 76 36.9 18.4 55.4

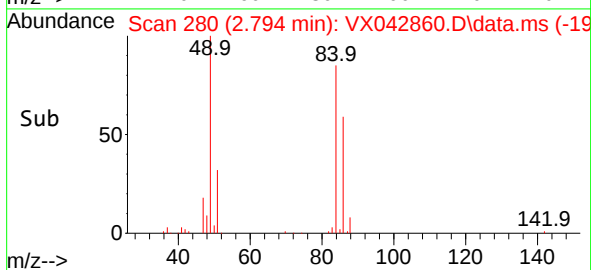
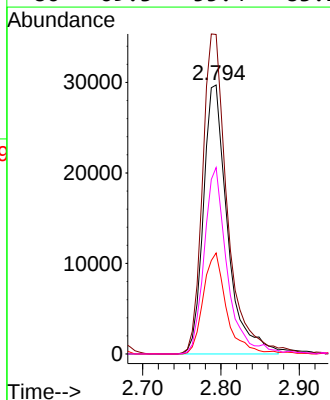
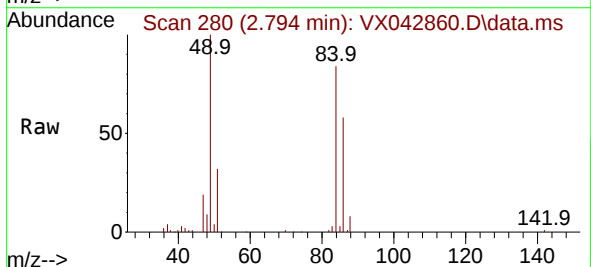
Manual Integrations
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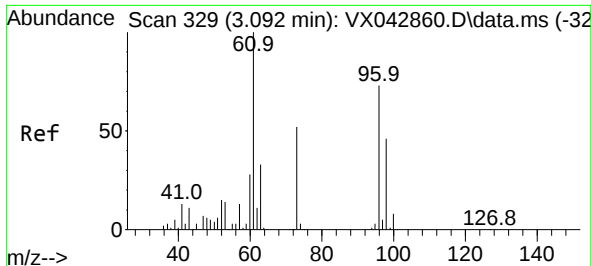
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024



#18
 Methylene Chloride
 Concen: 18.922 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VX042860.D
 Acq: 06 Aug 2024 10:31

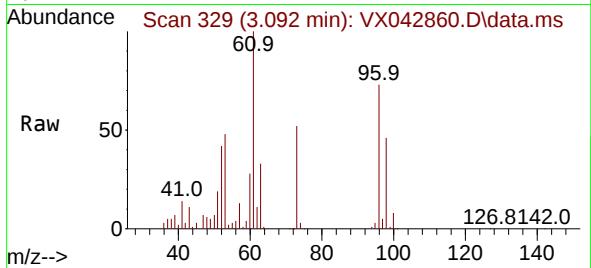
Tgt Ion: 84 Resp: 63558
 Ion Ratio Lower Upper
 84 100
 49 118.8 95.0 142.6
 51 37.6 30.1 45.1
 86 69.3 55.4 83.2





#19
trans-1,2-Dichloroethene
Concen: 19.802 ug/l
RT: 3.092 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

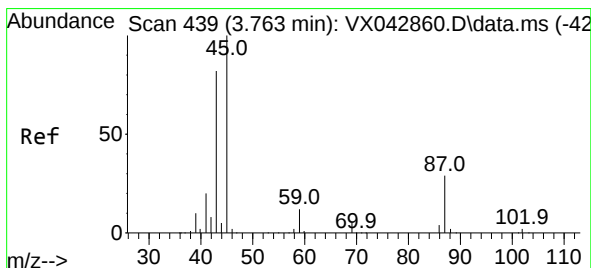
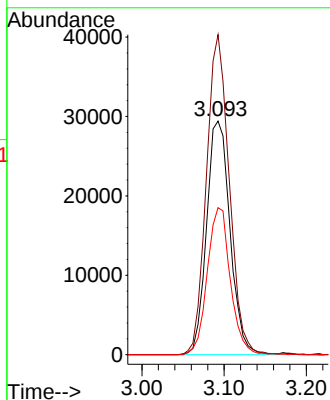
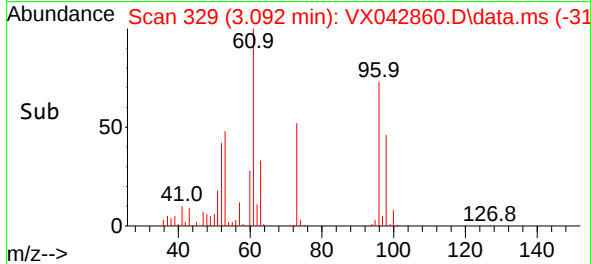
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 58412
Ion Ratio Lower Upper
96 100
61 137.0 109.6 164.4
98 63.0 50.4 75.6

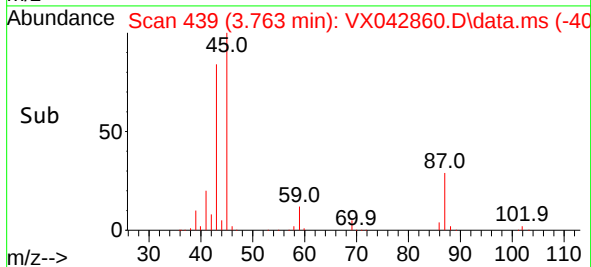
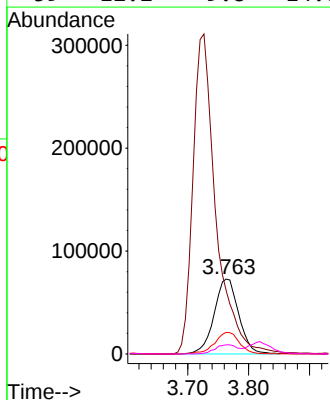
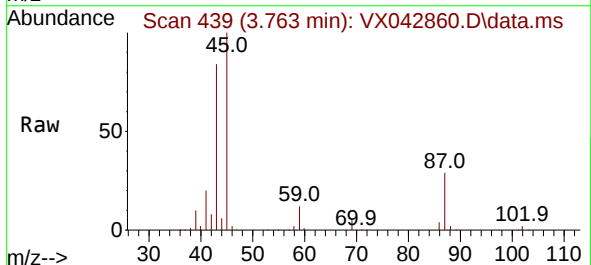
Manual Integrations
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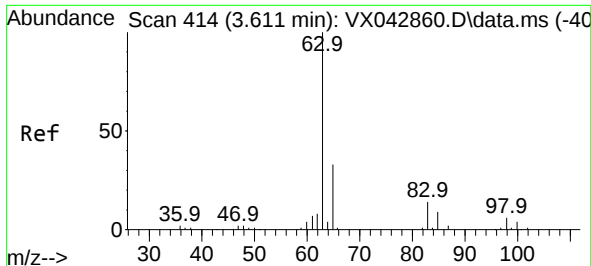
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#20
Diisopropyl ether
Concen: 19.936 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Tgt Ion: 45 Resp: 204095
Ion Ratio Lower Upper
45 100
43 81.8 65.4 98.2
87 28.8 23.0 34.6
59 12.2 9.8 14.6





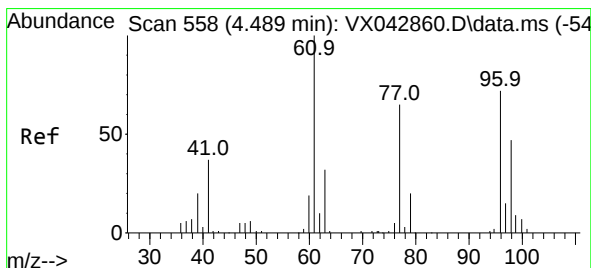
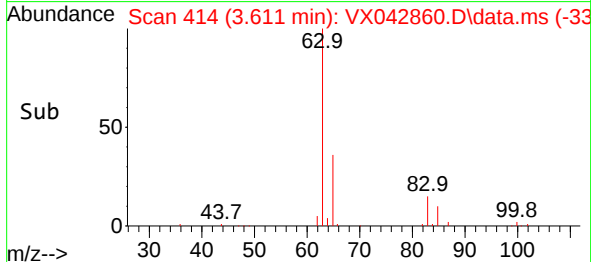
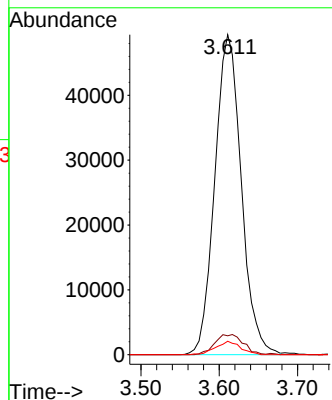
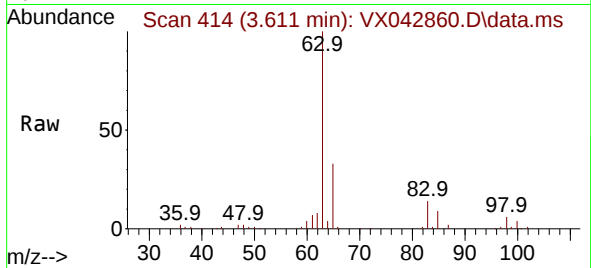
#21
1,1-Dichloroethane
Concen: 19.915 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 11595
Ion Ratio Lower Upper
63 100
98 5.9 2.9 8.8
100 4.2 2.1 6.3

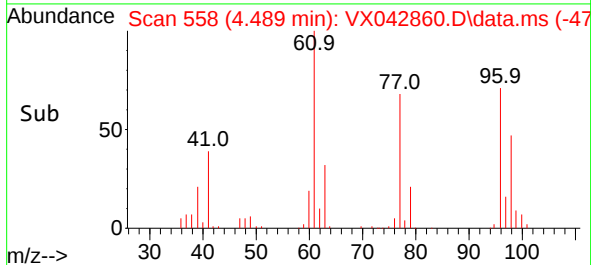
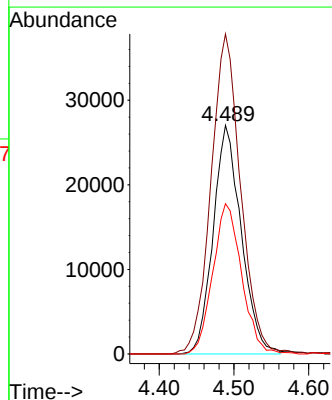
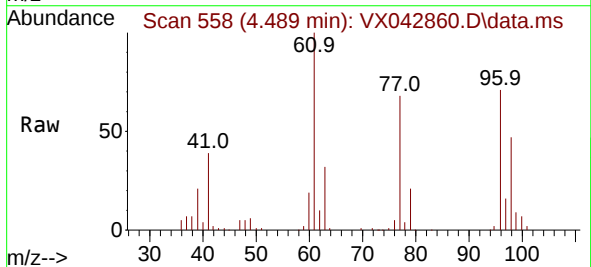
Manual Integrations
APPROVED

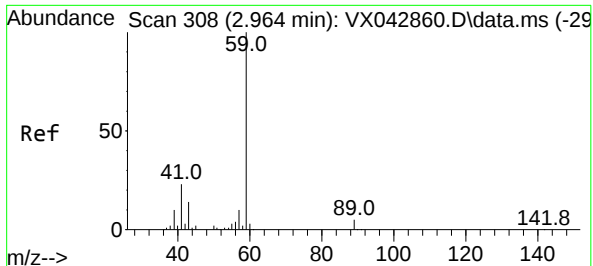
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#22
cis-1,2-Dichloroethene
Concen: 19.078 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Tgt Ion: 96 Resp: 70608
Ion Ratio Lower Upper
96 100
61 147.1 117.7 176.5
98 66.7 53.4 80.0





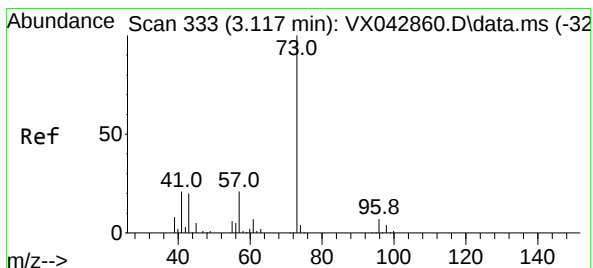
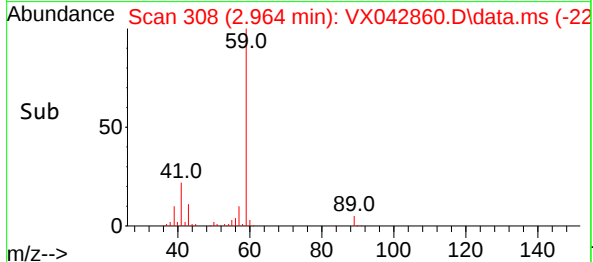
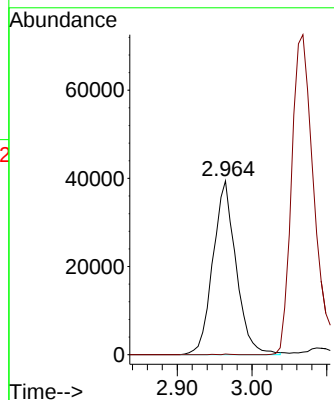
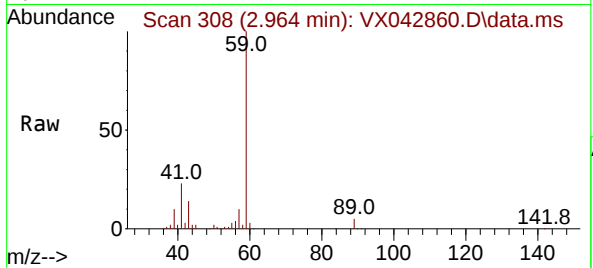
#23
tert-Butyl Alcohol
Concen: 95.518 ug/l
RT: 2.964 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 84772
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

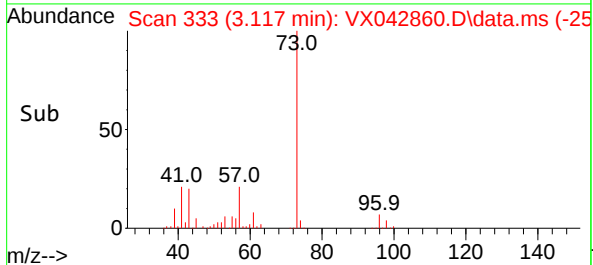
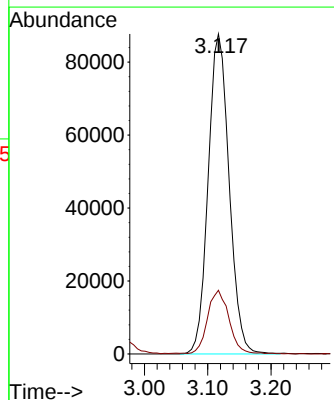
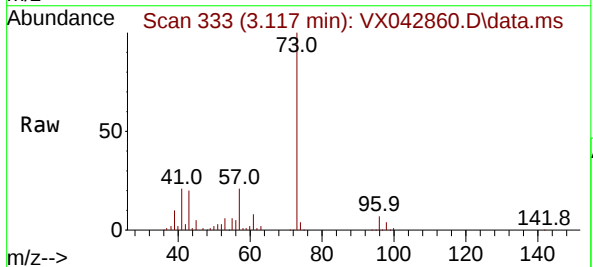
Manual Integrations
APPROVED

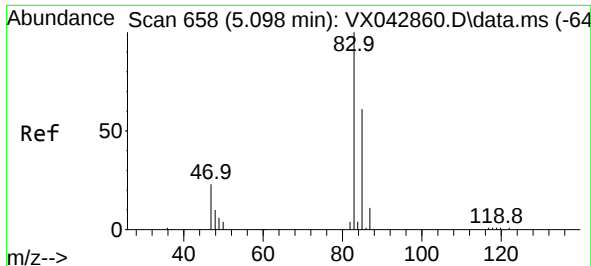
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#24
Methyl tert-Butyl Ether
Concen: 19.263 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Tgt Ion: 73 Resp: 201913
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.2





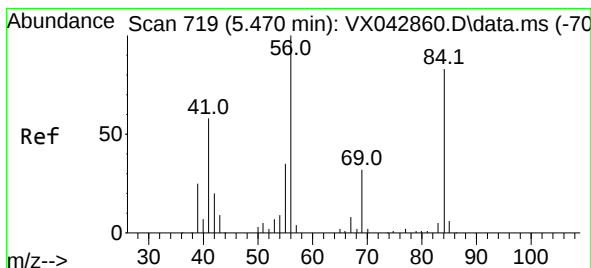
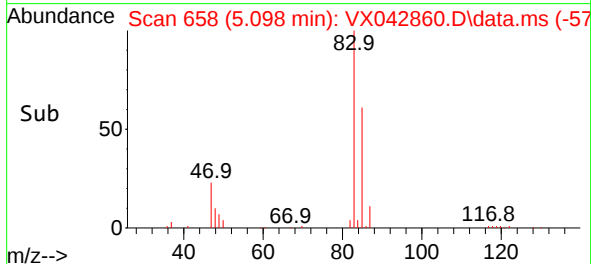
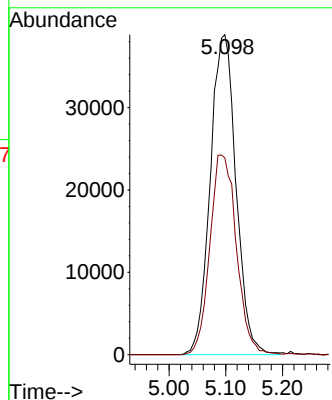
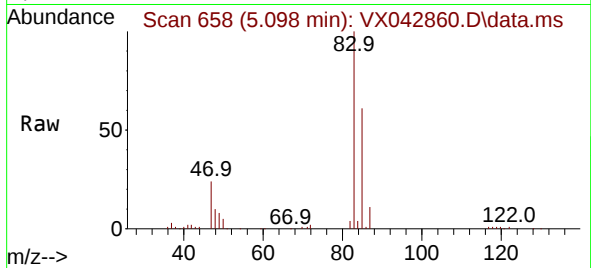
#25
Chloroform
Concen: 19.461 ug/l
RT: 5.098 min Scan# 612
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 122592
Ion Ratio Lower Upper
83 100
85 61.5 49.2 73.8

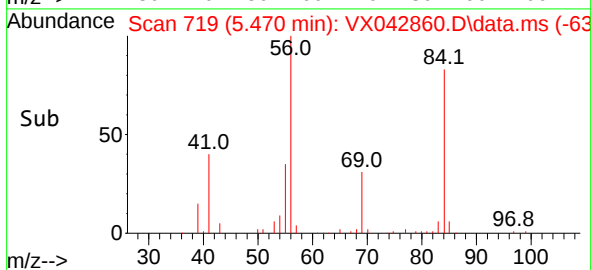
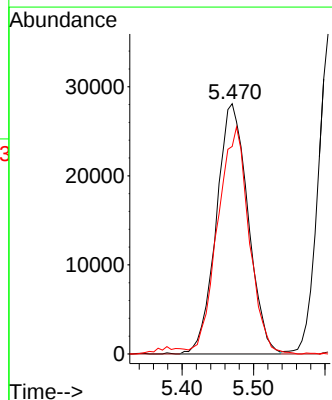
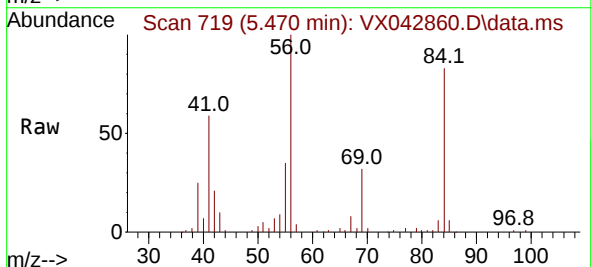
Manual Integrations
APPROVED

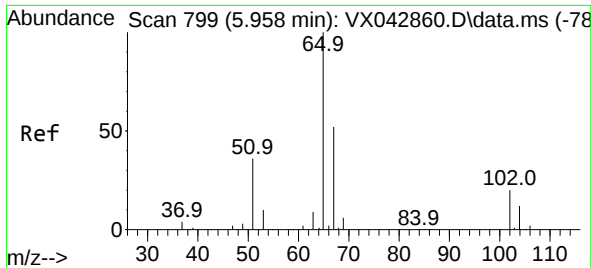
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#26
Cyclohexane
Concen: 18.825 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Tgt Ion: 56 Resp: 86465
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.8 71.8 107.8





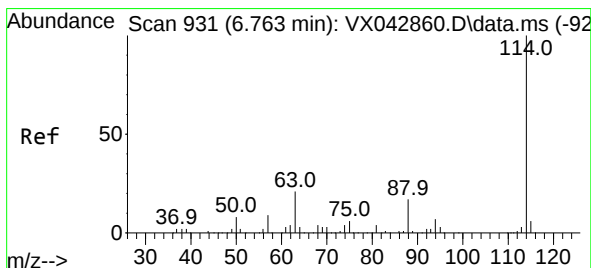
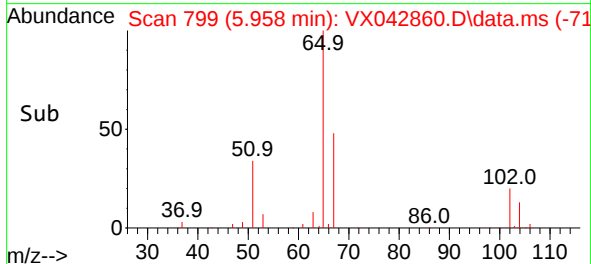
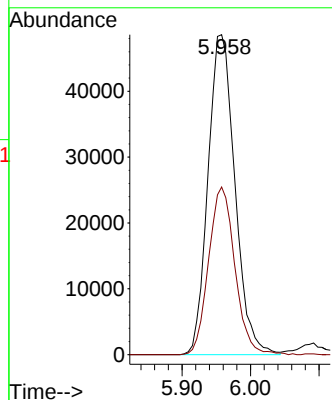
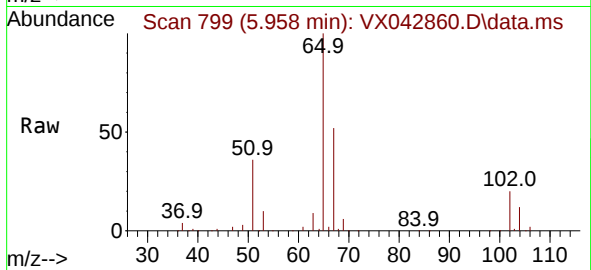
#27
1,2-Dichloroethane-d4
Concen: 29.716 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 132788
Ion Ratio Lower Upper
65 100
67 50.7 40.6 60.8

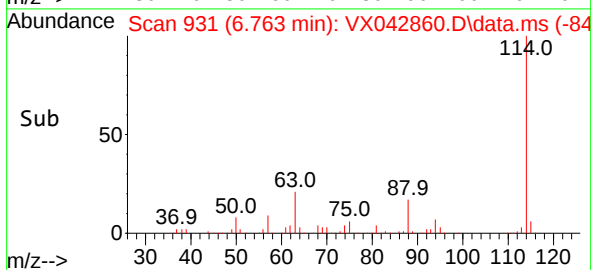
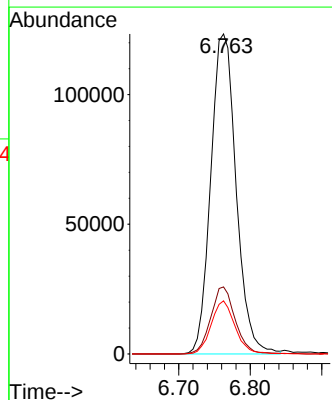
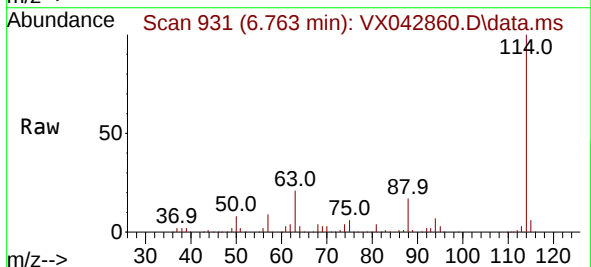
Manual Integrations
APPROVED

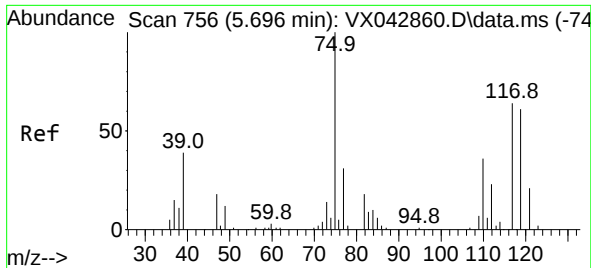
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

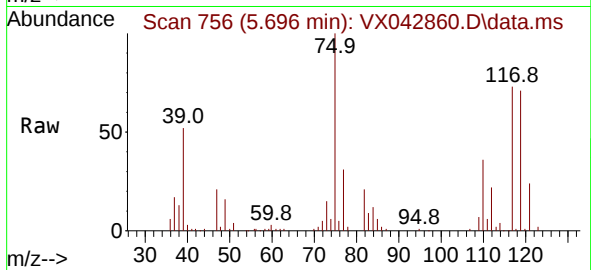
Tgt Ion:114 Resp: 304112
Ion Ratio Lower Upper
114 100
63 20.0 16.0 24.0
88 15.6 12.5 18.7





#29
1,1-Dichloropropene
Concen: 19.439 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

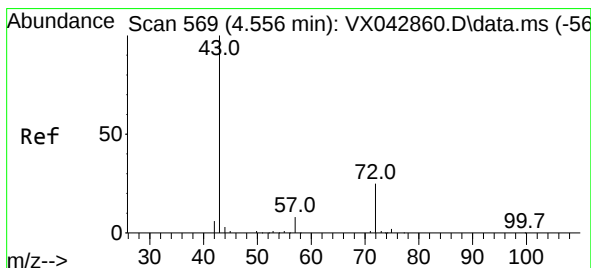
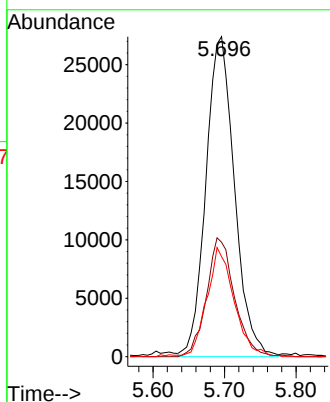
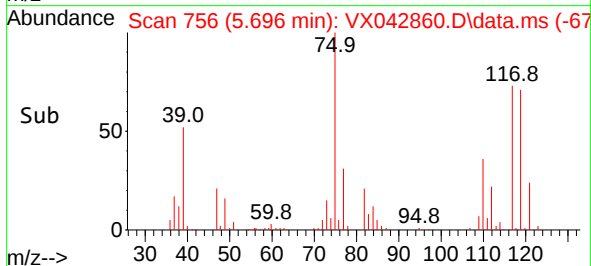
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



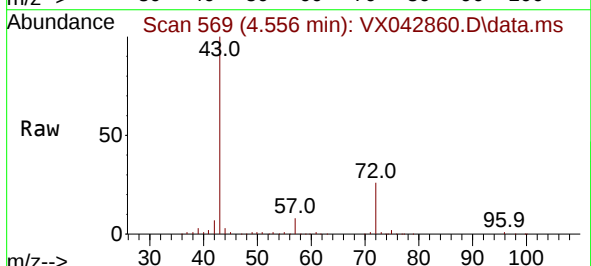
Tgt Ion: 75 Resp: 7618
Ion Ratio Lower Upper
75 100
110 36.2 0.0 72.4
77 31.7 0.0 63.4

Manual Integrations
APPROVED

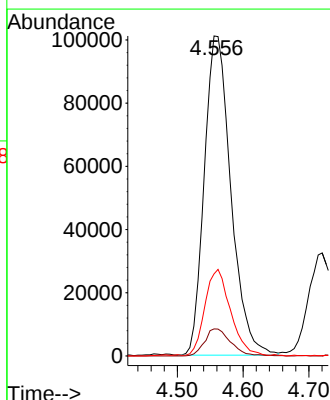
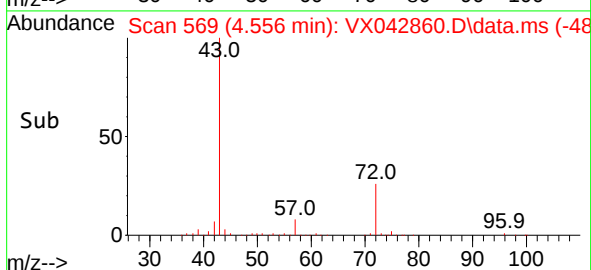
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

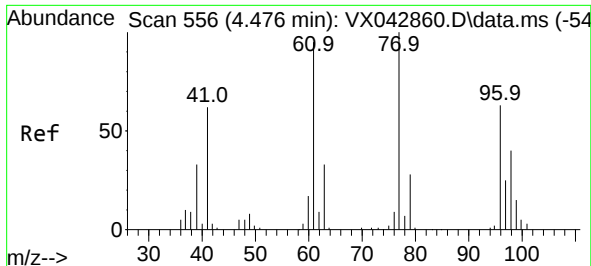


#30
2-Butanone
Concen: 98.565 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31



Tgt Ion: 43 Resp: 284465
Ion Ratio Lower Upper
43 100
57 8.3 6.6 10.0
72 26.2 21.0 31.4





#31

2,2-Dichloropropane

Concen: 19.609 ug/l

RT: 4.476 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 8979

Ion Ratio Lower Upper

77 100

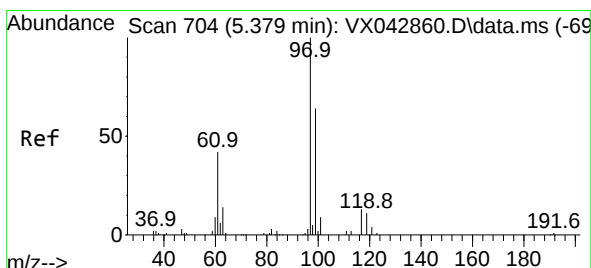
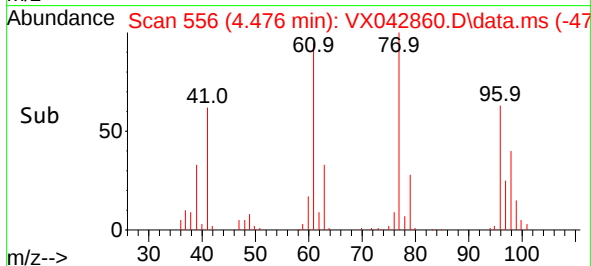
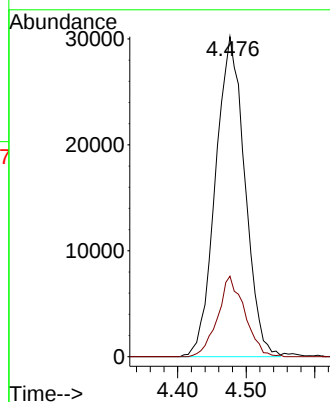
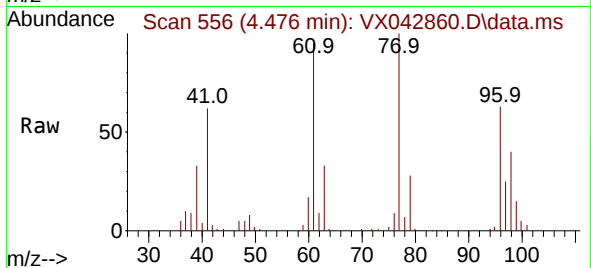
97 23.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#32

1,1,1-Trichloroethane

Concen: 19.358 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

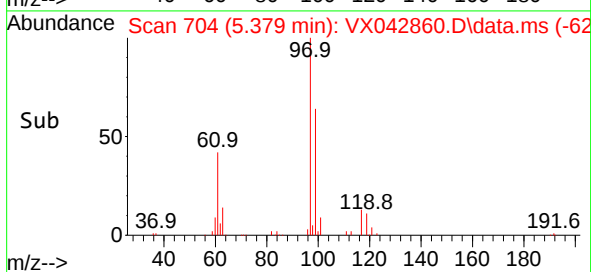
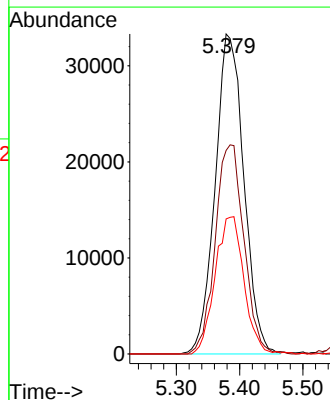
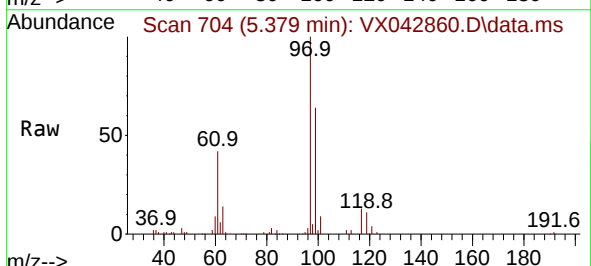
Tgt Ion: 97 Resp: 105052

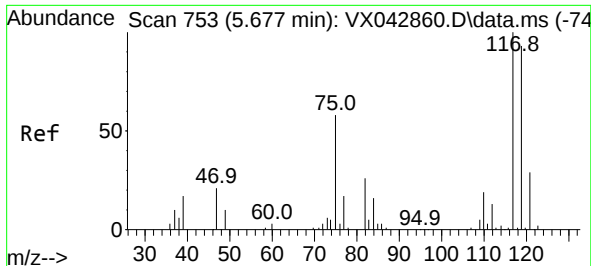
Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.2

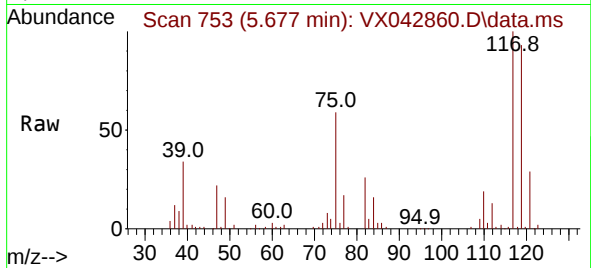
61 42.9 34.3 51.5





#33
Carbon Tetrachloride
Concen: 19.545 ug/l
RT: 5.677 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

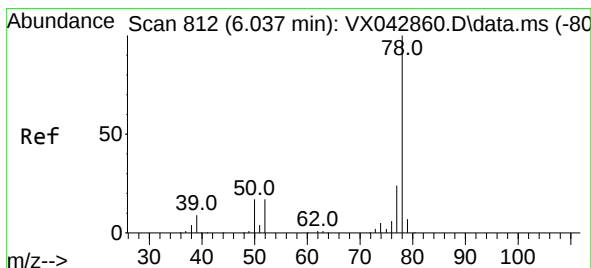
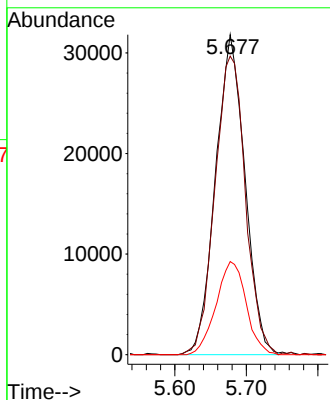
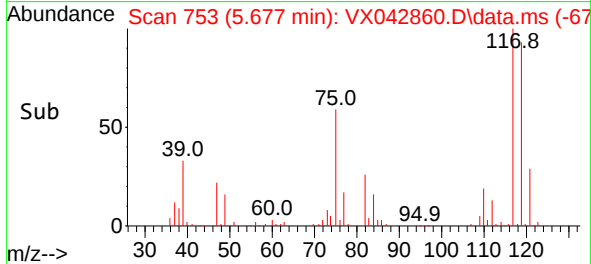
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 90714
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5
121 29.1 23.3 34.9

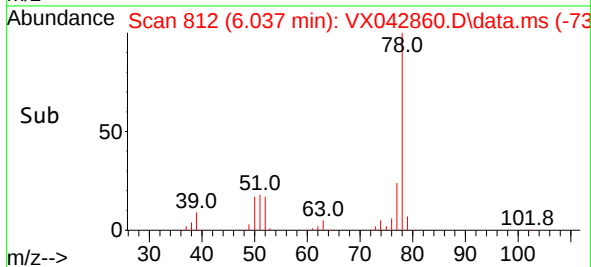
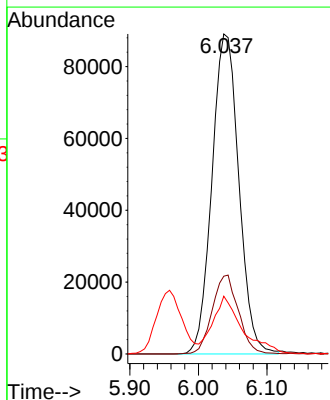
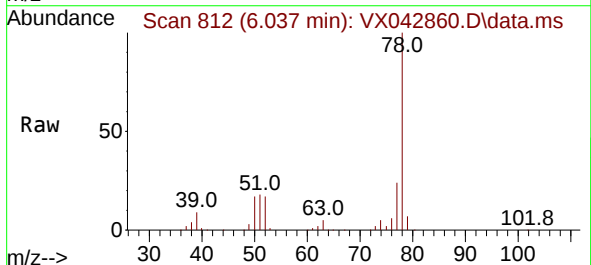
Manual Integrations
APPROVED

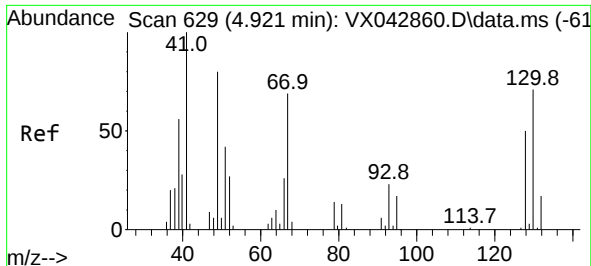
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#34
Benzene
Concen: 19.337 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Tgt Ion: 78 Resp: 242627
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2
51 16.9 13.5 20.3





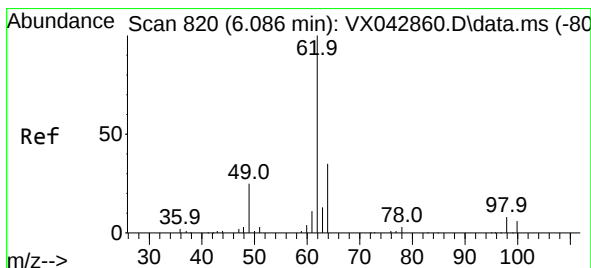
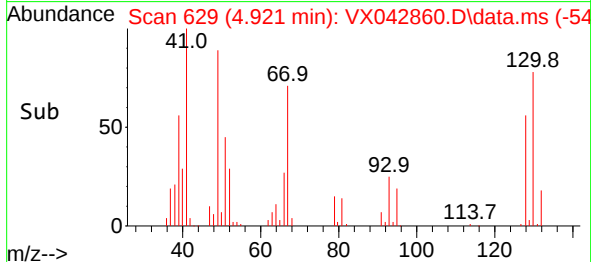
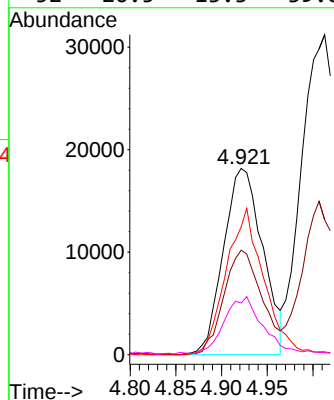
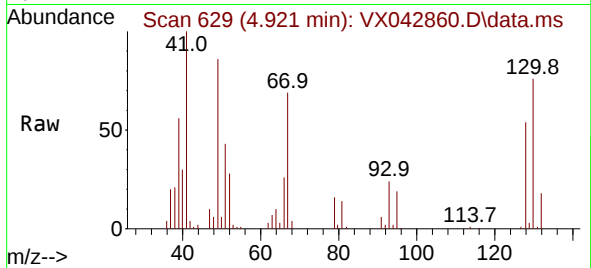
#35
Methacrylonitrile
Concen: 19.788 ug/l
RT: 4.921 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 54354
Ion Ratio Lower Upper
41 100
39 56.1 28.1 84.2
67 68.7 34.4 103.1
52 26.5 13.3 39.8

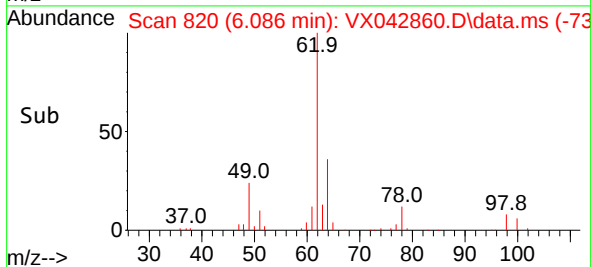
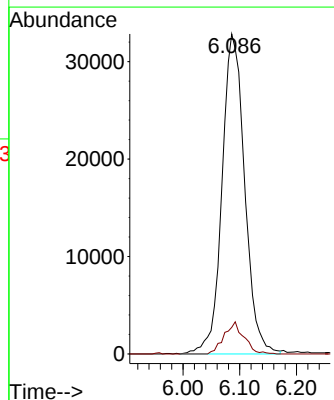
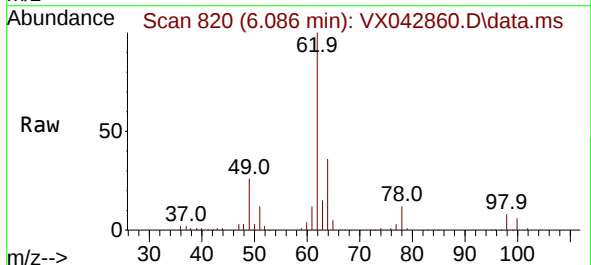
Manual Integrations
APPROVED

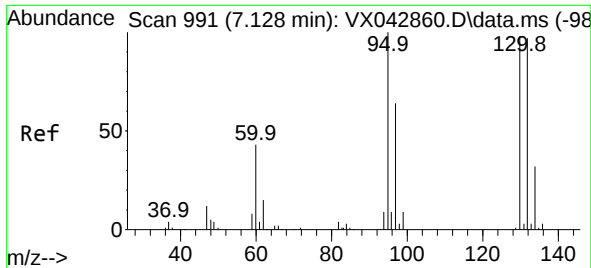
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#36
1,2-Dichloroethane
Concen: 19.711 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

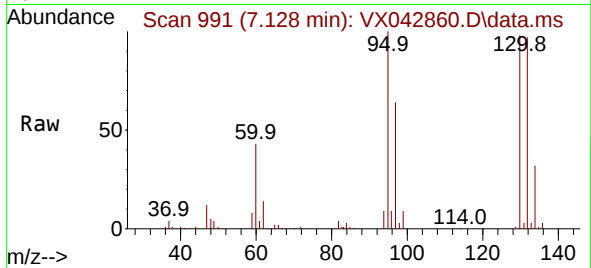
Tgt Ion: 62 Resp: 91272
Ion Ratio Lower Upper
62 100
98 8.5 6.8 10.2





#37
Trichloroethene
Concen: 19.400 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

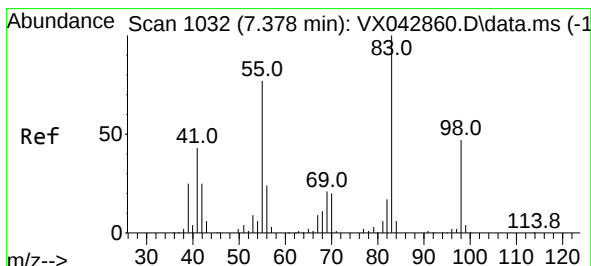
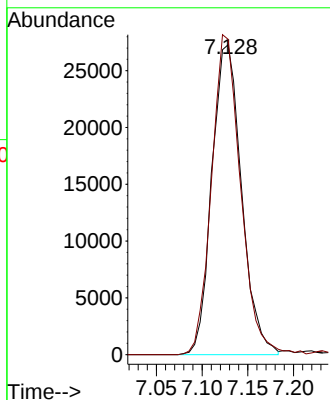
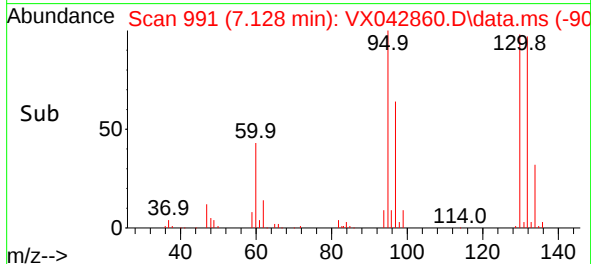
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



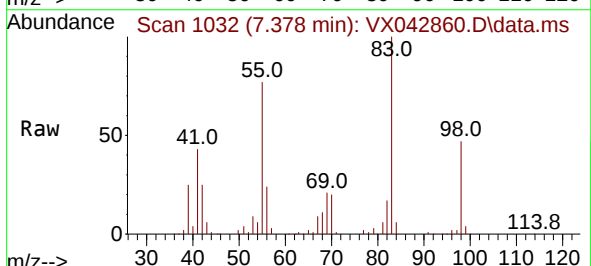
Tgt Ion:130 Resp: 61624
Ion Ratio Lower Upper
130 100
95 101.8 81.4 122.2

Manual Integrations
APPROVED

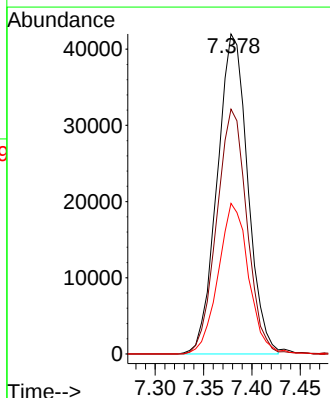
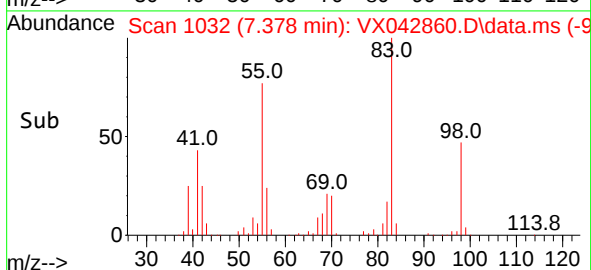
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

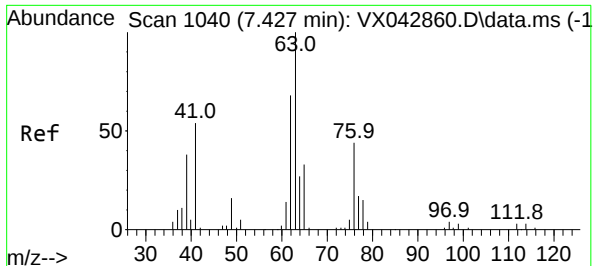


#38
Methylcyclohexane
Concen: 18.988 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31



Tgt Ion: 83 Resp: 92226
Ion Ratio Lower Upper
83 100
55 75.9 38.0 113.9
98 46.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.569 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 62594

Ion Ratio Lower Upper

63 100

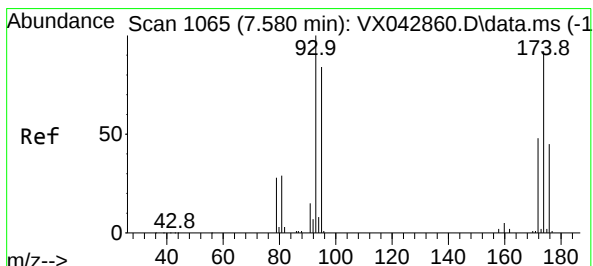
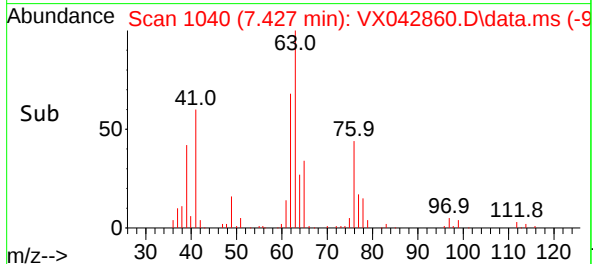
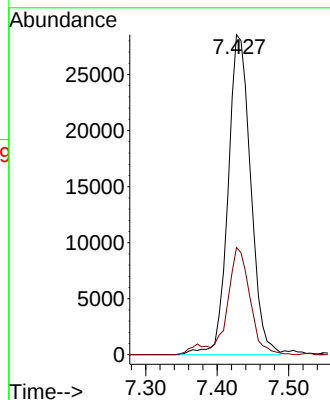
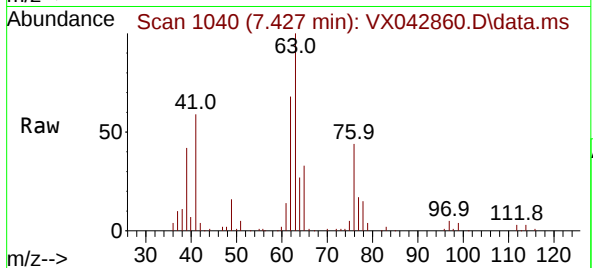
65 33.2 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#40

Dibromomethane

Concen: 19.783 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

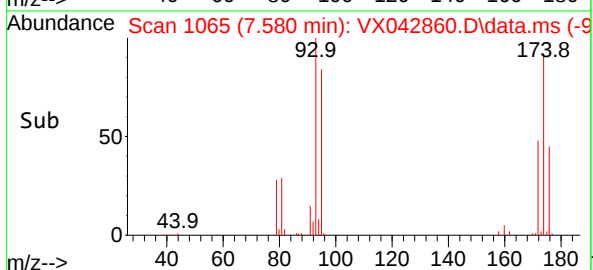
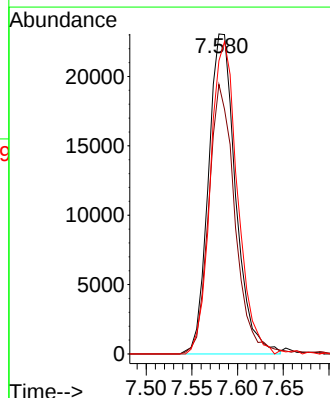
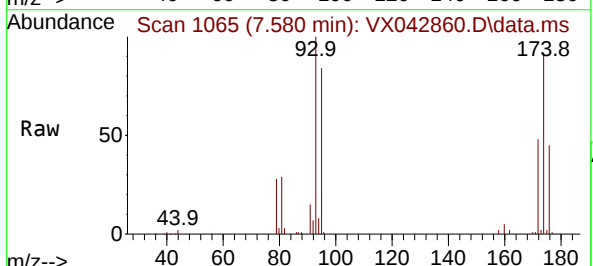
Tgt Ion: 93 Resp: 47778

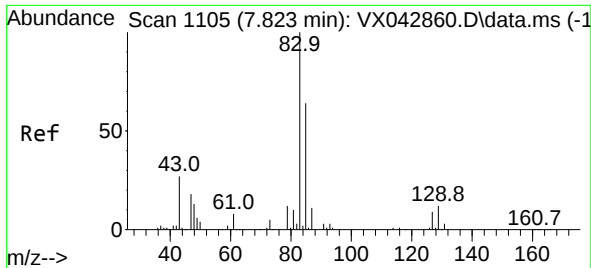
Ion Ratio Lower Upper

93 100

95 80.9 0.0 161.8

174 97.0 0.0 194.0





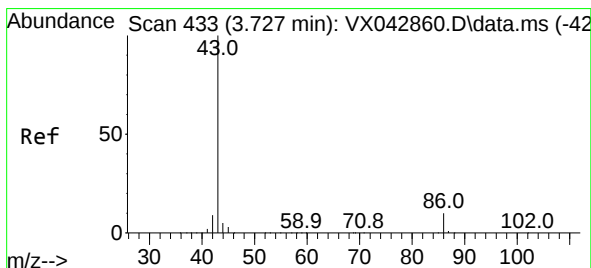
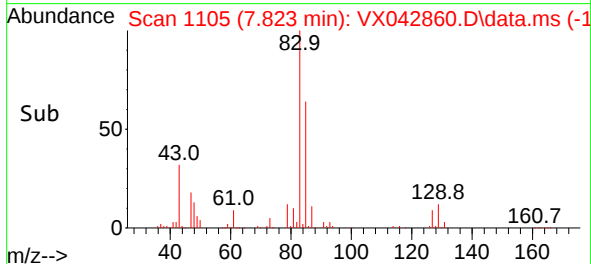
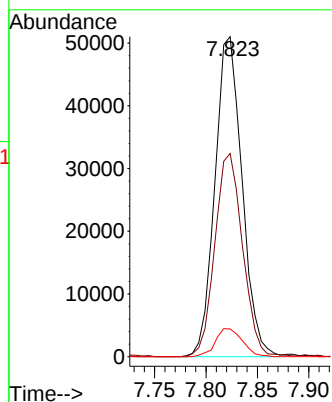
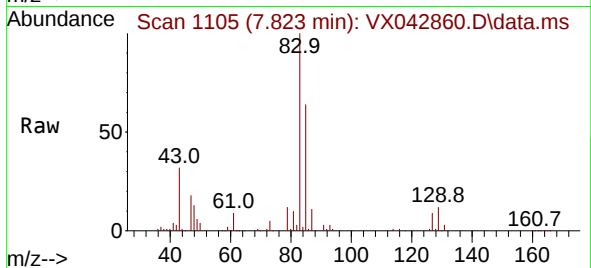
#41
Bromodichloromethane
Concen: 19.570 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 93723
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2
127 8.6 6.9 10.3

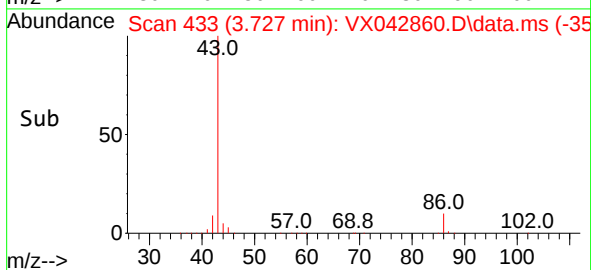
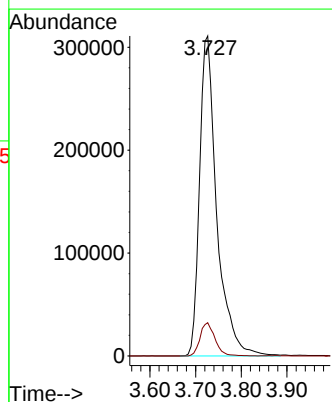
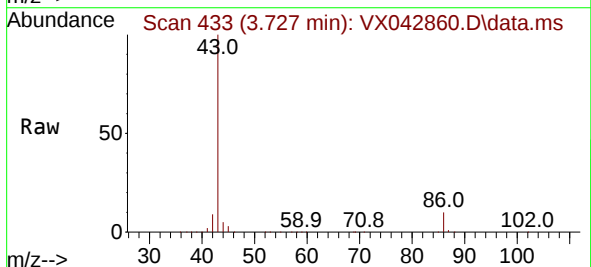
Manual Integrations
APPROVED

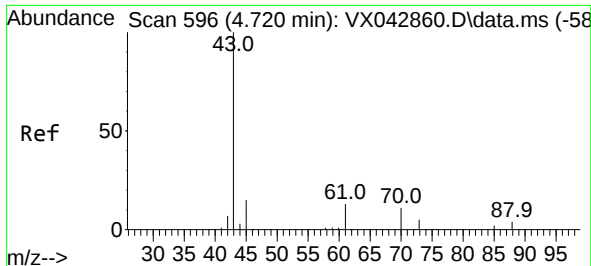
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#42
Vinyl Acetate
Concen: 96.602 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

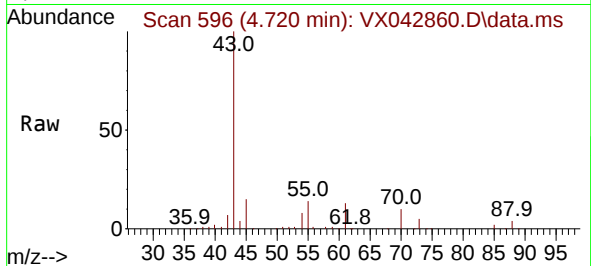
Tgt Ion: 43 Resp: 815406
Ion Ratio Lower Upper
43 100
86 9.0 7.2 10.8





#43
Ethyl Acetate
Concen: 19.067 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

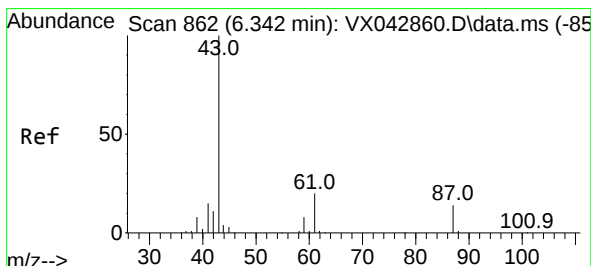
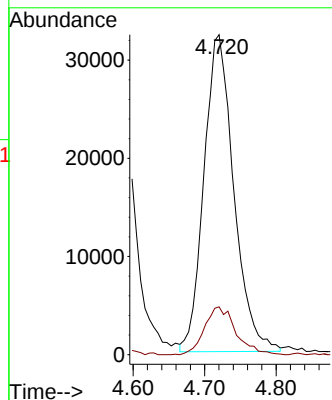
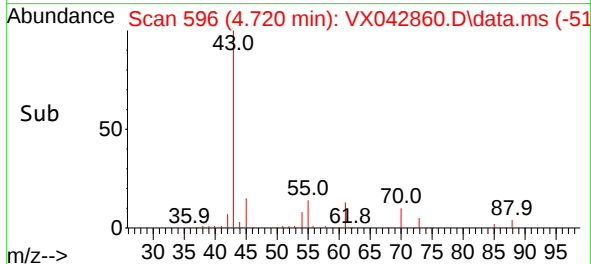
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 9360
Ion Ratio Lower Upper
43 100
45 15.6 12.5 18.7

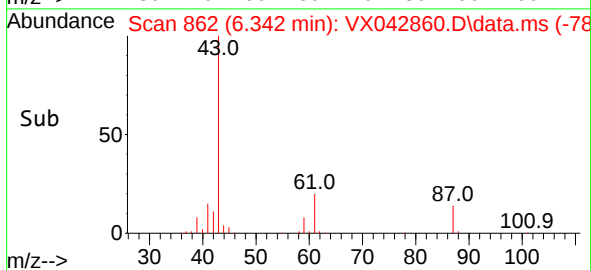
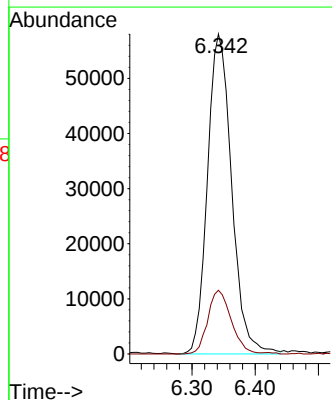
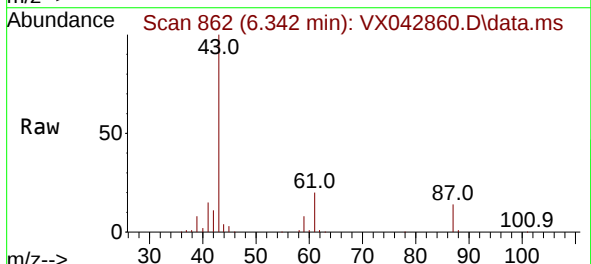
Manual Integrations
APPROVED

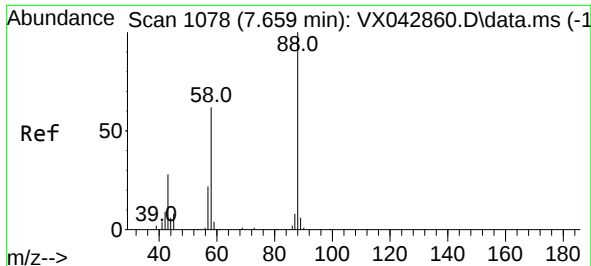
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#44
Isopropyl Acetate
Concen: 19.788 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

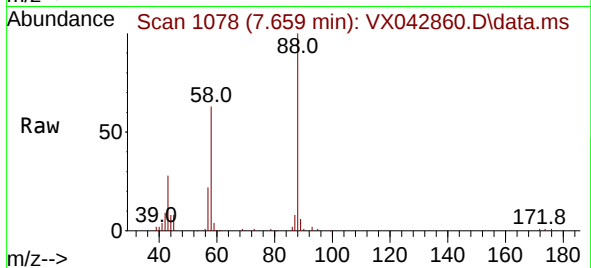
Tgt Ion: 43 Resp: 154192
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.0





#45
1,4-Dioxane
Concen: 419.604 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

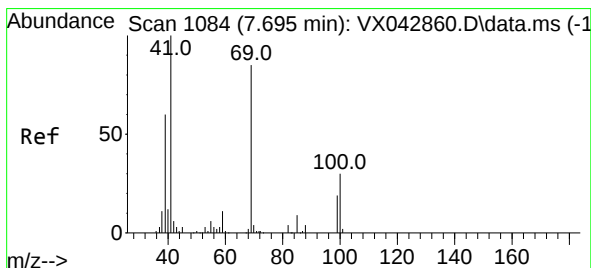
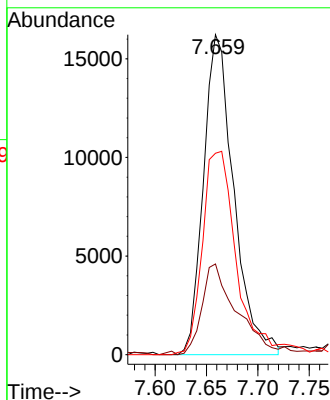
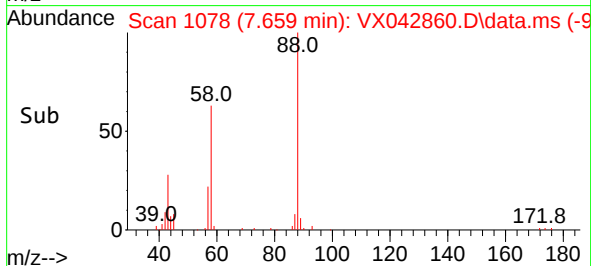
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 88 Resp: 33279
Ion Ratio Lower Upper
88 100
43 32.2 25.8 38.6
58 69.4 55.5 83.3

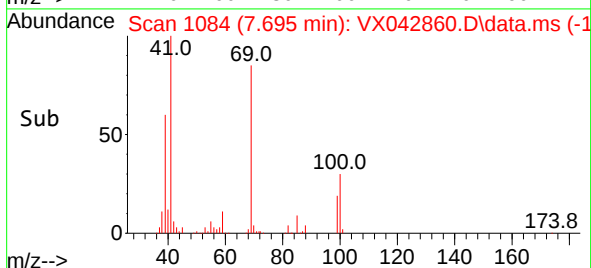
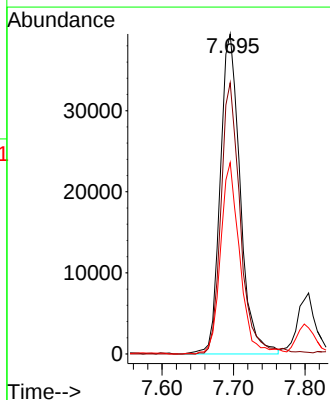
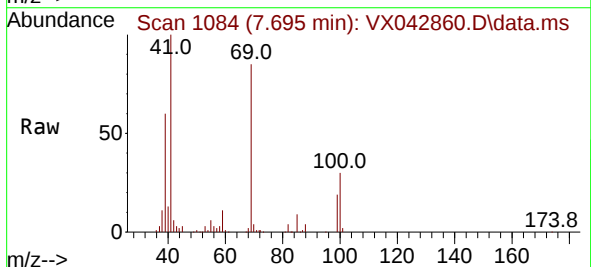
Manual Integrations
APPROVED

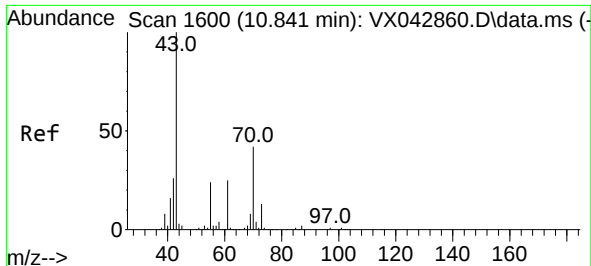
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#46
Methyl methacrylate
Concen: 19.752 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

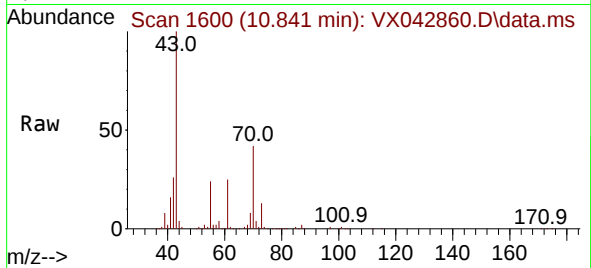
Tgt Ion: 41 Resp: 76486
Ion Ratio Lower Upper
41 100
69 84.7 42.4 127.1
39 59.8 29.9 89.7





#47
n-amy1 Acetate
Concen: 18.770 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

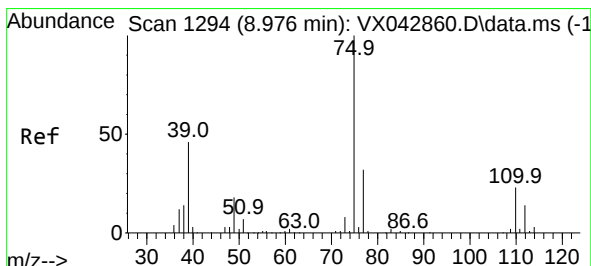
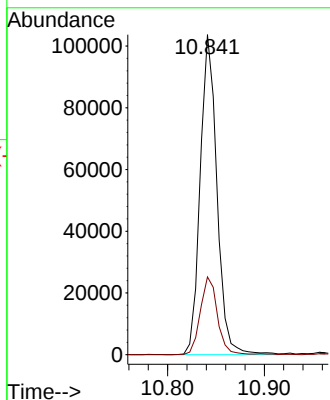
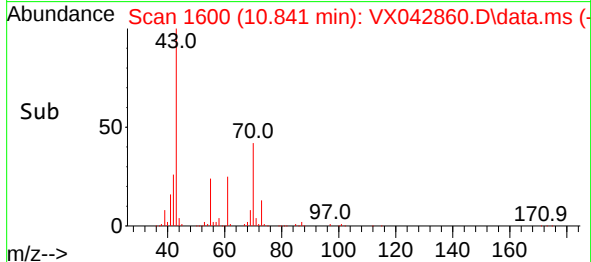
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 125112
Ion Ratio Lower Upper
43 100
55 24.5 19.6 29.4

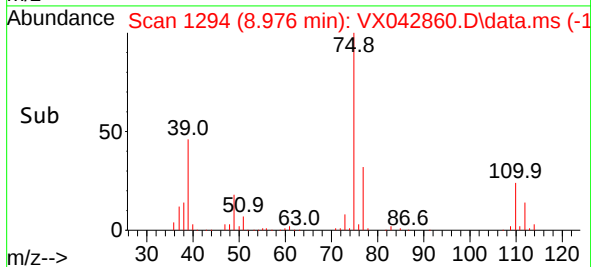
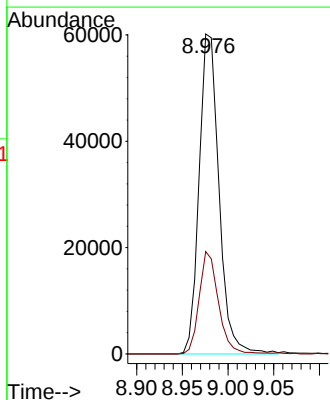
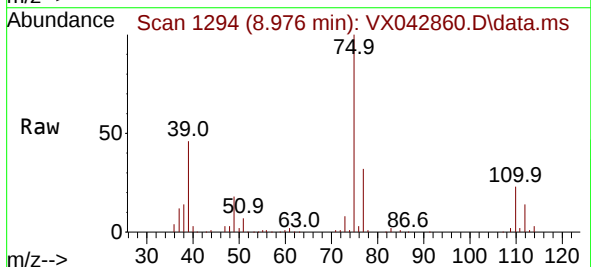
Manual Integrations
APPROVED

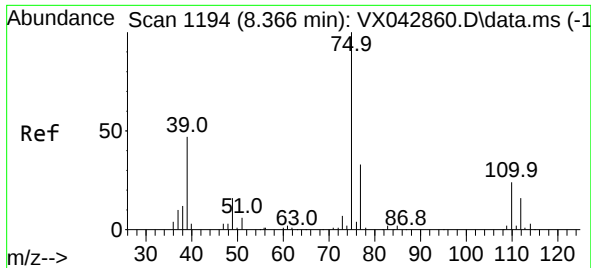
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#48
t-1,3-Dichloropropene
Concen: 19.837 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

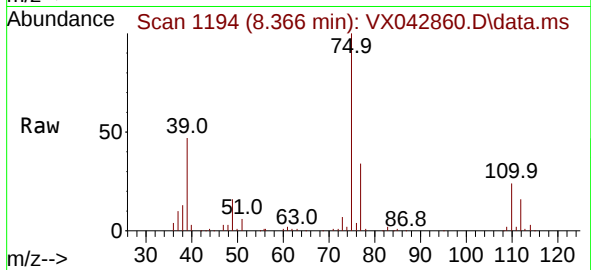
Tgt Ion: 75 Resp: 91070
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 19.773 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX042860.D
 Acq: 06 Aug 2024 10:31

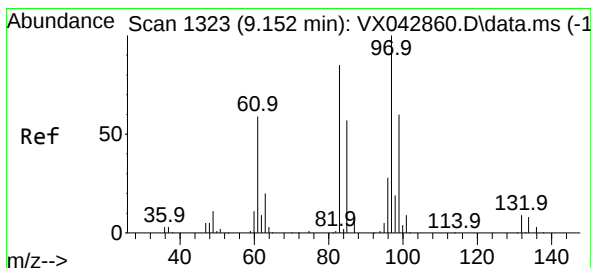
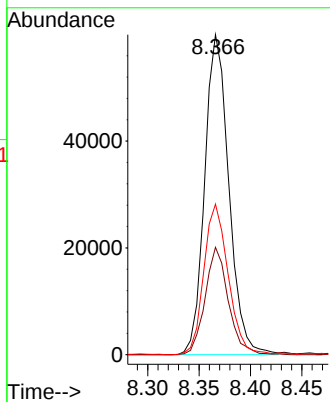
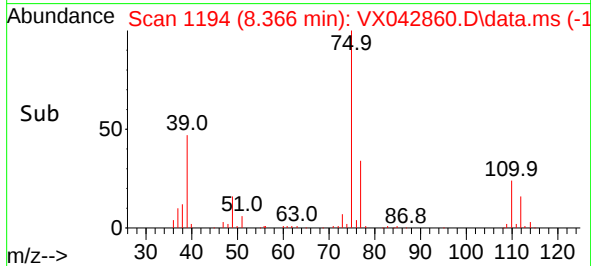
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 98300
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.8 40.2
 39 46.9 37.5 56.3

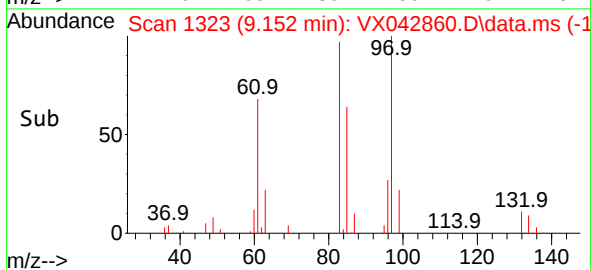
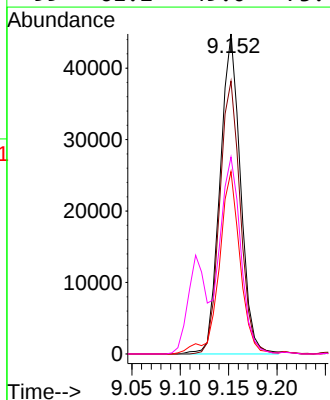
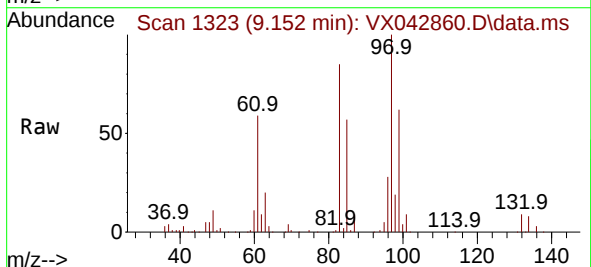
Manual Integrations
 APPROVED

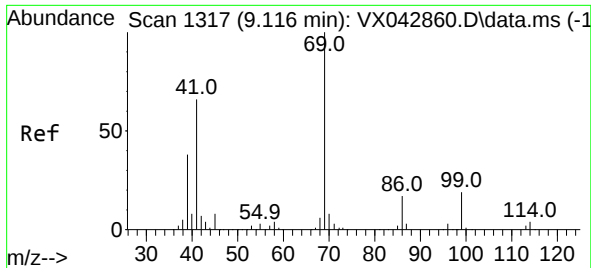
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024



#50
 1,1,2-Trichloroethane
 Concen: 19.970 ug/l
 RT: 9.152 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX042860.D
 Acq: 06 Aug 2024 10:31

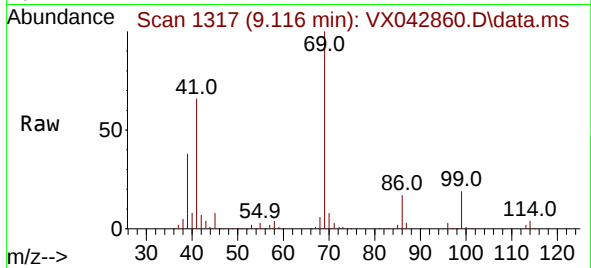
Tgt Ion: 97 Resp: 65777
 Ion Ratio Lower Upper
 97 100
 83 85.2 68.2 102.2
 85 56.7 45.4 68.0
 99 61.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.293 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

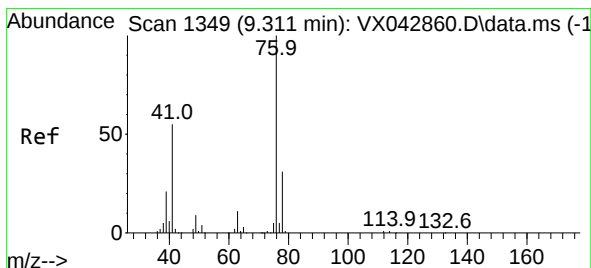
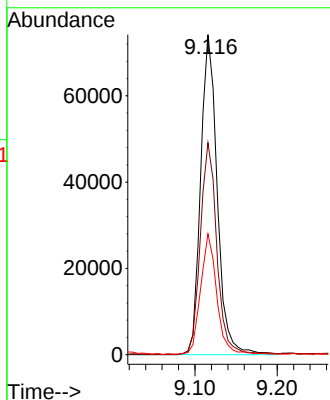
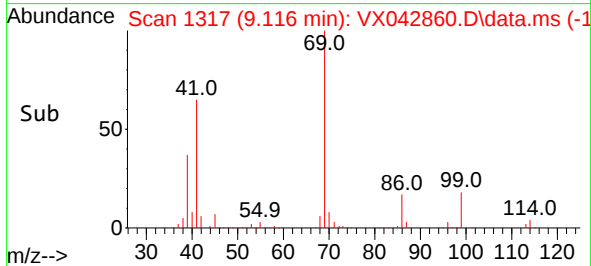
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 10398
Ion Ratio Lower Upper
69 100
41 66.1 33.1 99.2
39 37.5 18.8 56.3

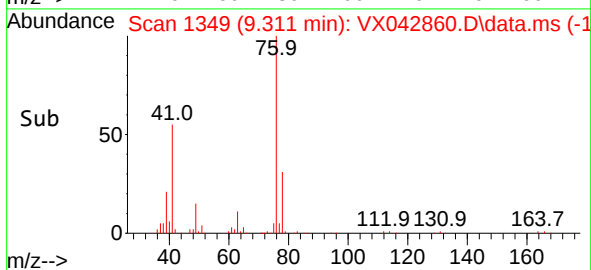
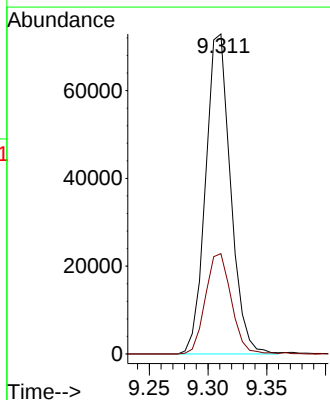
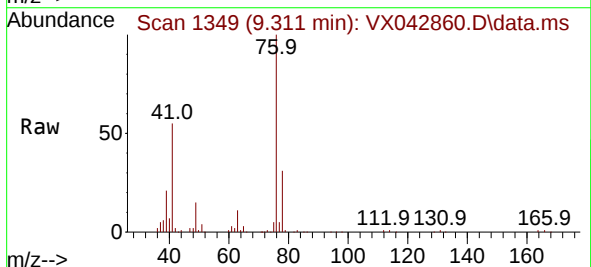
Manual Integrations
APPROVED

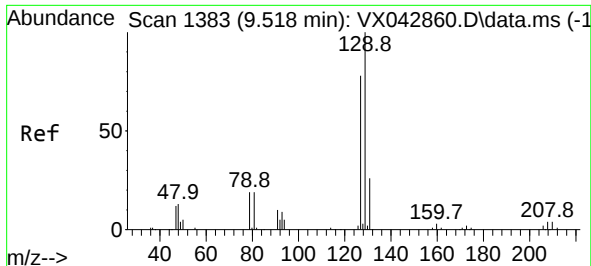
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#52
1,3-Dichloropropane
Concen: 19.947 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

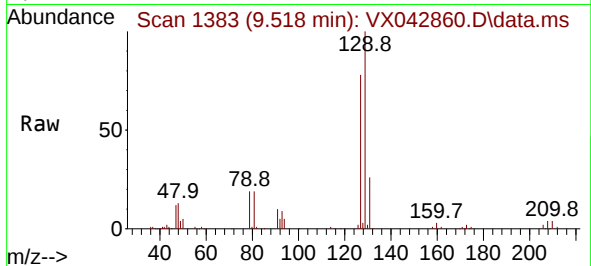
Tgt Ion: 76 Resp: 107823
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.8





#53
 Dibromochloromethane
 Concen: 19.375 ug/l
 RT: 9.518 min Scan# 1383
 Delta R.T. 0.000 min
 Lab File: VX042860.D
 Acq: 06 Aug 2024 10:31

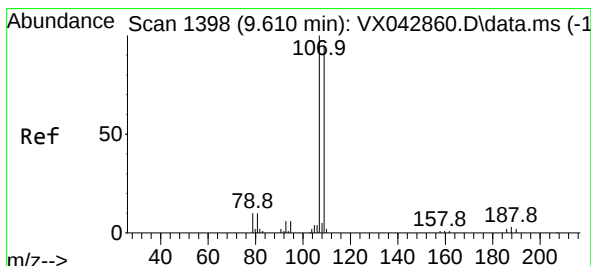
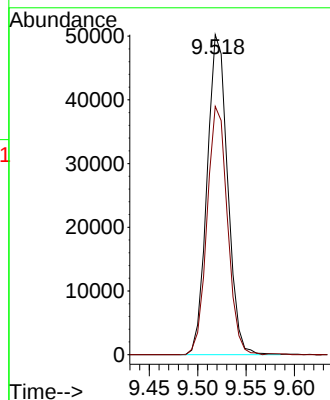
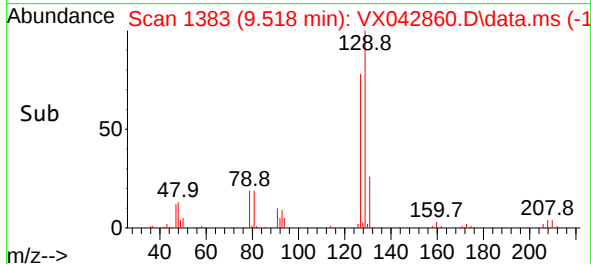
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion:129 Resp: 74269
 Ion Ratio Lower Upper
 129 100
 127 76.9 38.5 115.3

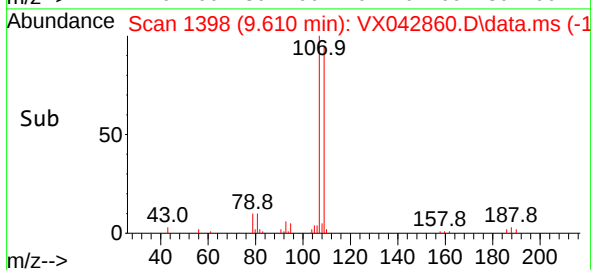
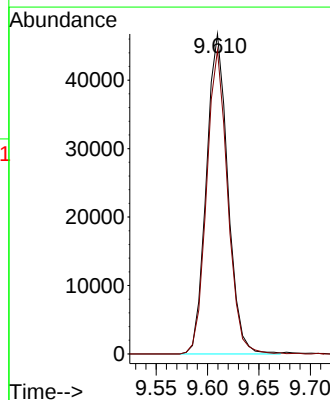
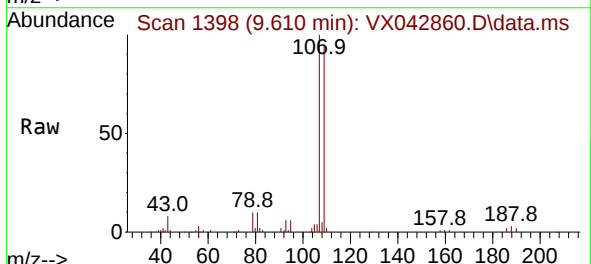
Manual Integrations
 APPROVED

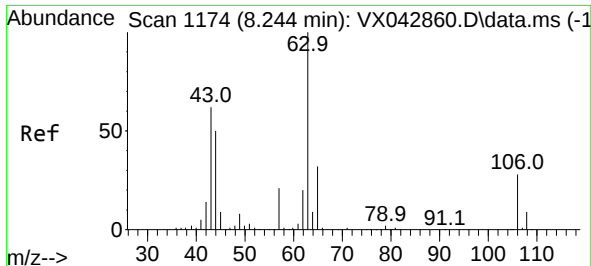
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024



#54
 1,2-Dibromoethane
 Concen: 19.873 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.000 min
 Lab File: VX042860.D
 Acq: 06 Aug 2024 10:31

Tgt Ion:107 Resp: 68079
 Ion Ratio Lower Upper
 107 100
 109 92.8 74.2 111.4





#55

2-Chloroethyl vinyl ether

Concen: 98.264 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 244569

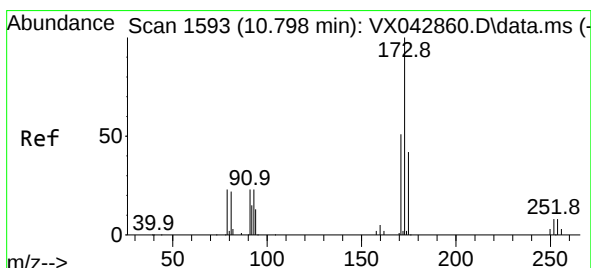
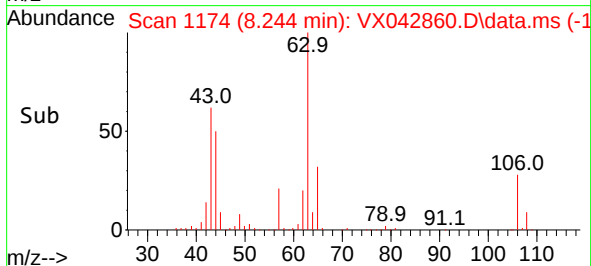
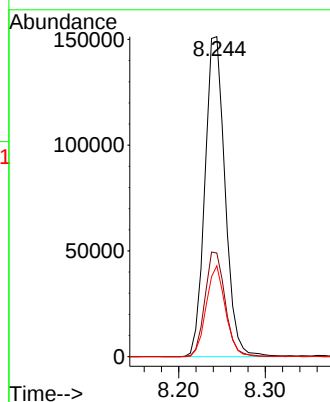
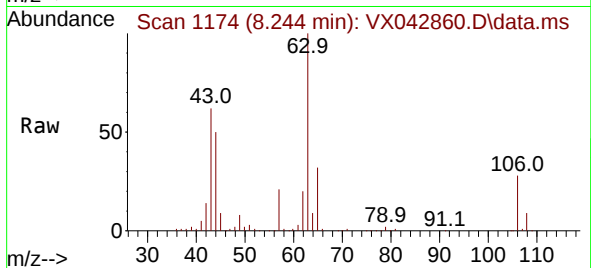
Ion	Ratio	Lower	Upper
63	100		
65	32.9	26.3	39.5
106	27.2	21.8	32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#56

Bromoform

Concen: 19.202 ug/l

RT: 10.798 min Scan# 1593

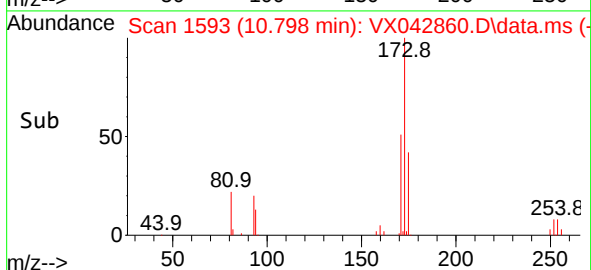
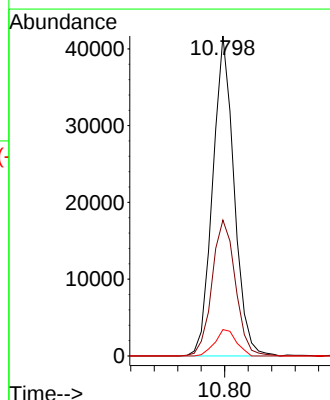
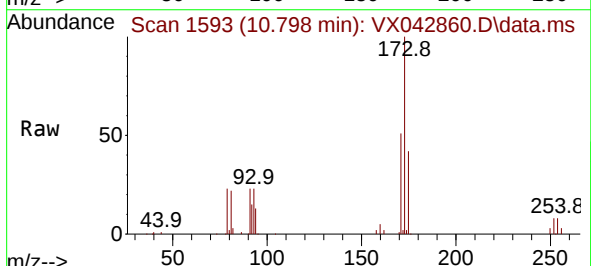
Delta R.T. 0.000 min

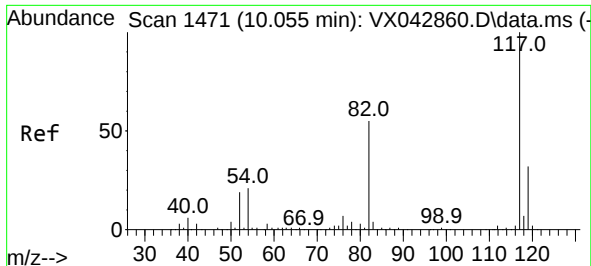
Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

Tgt Ion:173 Resp: 52763

Ion	Ratio	Lower	Upper
173	100		
175	46.4	37.1	55.7
254	8.3	6.6	10.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 117 Resp: 277540

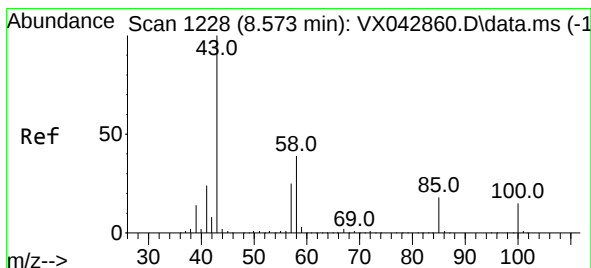
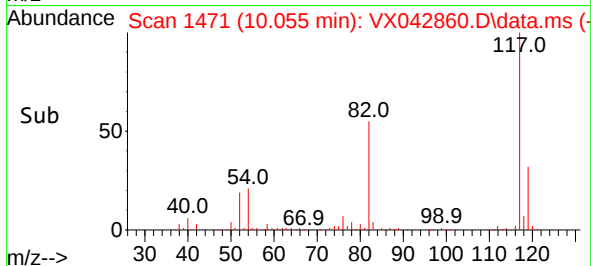
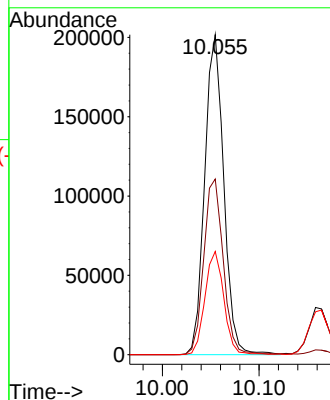
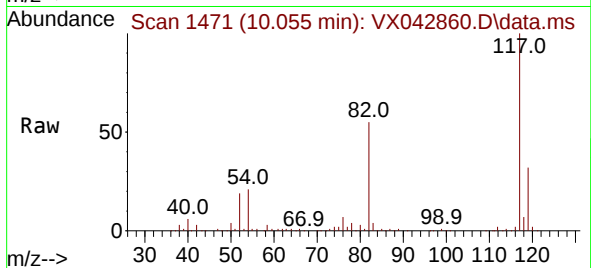
Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.9	67.3
119	31.8	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#58

4-Methyl-2-Pentanone

Concen: 102.258 ug/l

RT: 8.573 min Scan# 1228

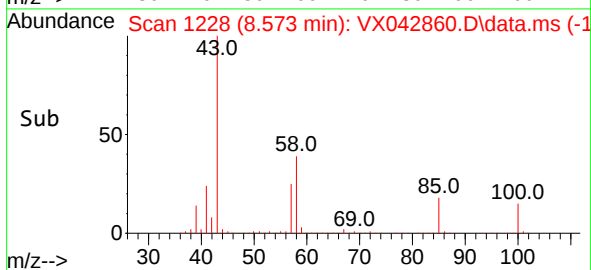
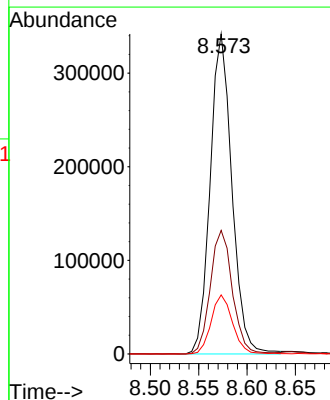
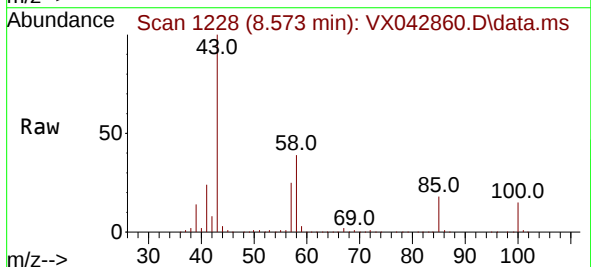
Delta R.T. 0.000 min

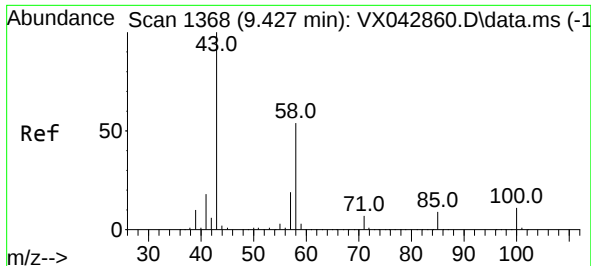
Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

Tgt Ion: 43 Resp: 534465

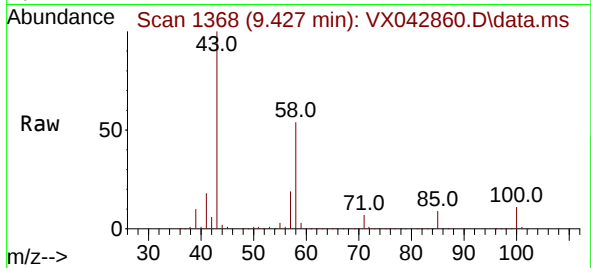
Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.4	47.0
85	18.2	14.6	21.8





#59
2-Hexanone
Concen: 100.074 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

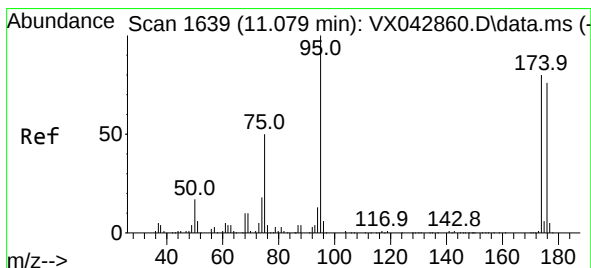
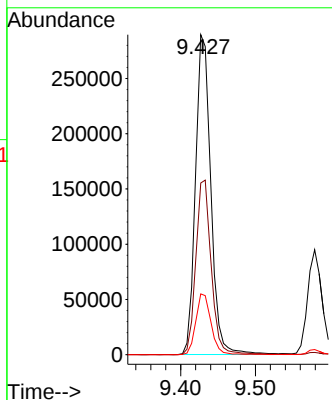
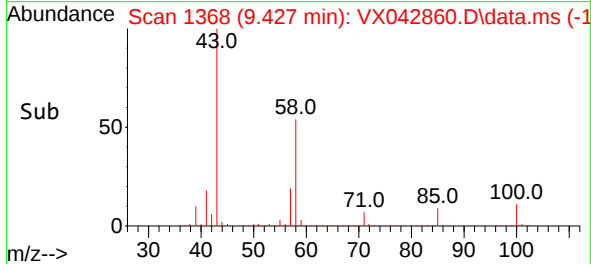
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 41342
Ion Ratio Lower Upper
43 100
58 54.4 43.5 65.3
57 18.8 15.0 22.6

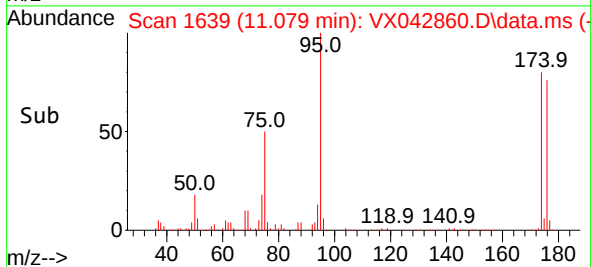
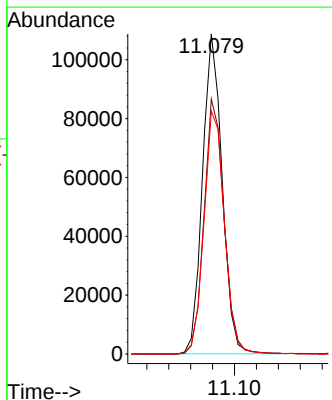
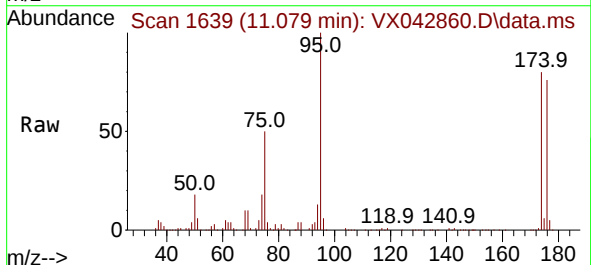
Manual Integrations
APPROVED

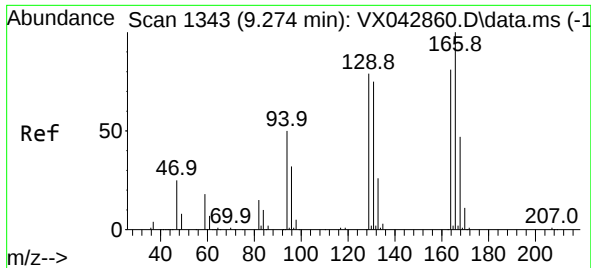
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#60
4-Bromofluorobenzene
Concen: 29.826 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

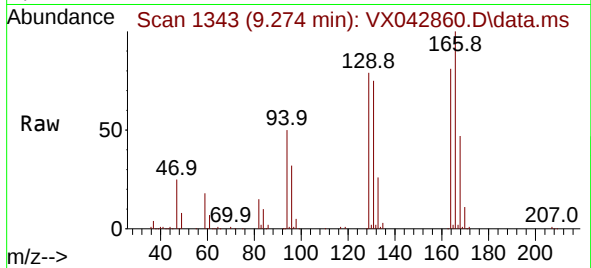
Tgt Ion: 95 Resp: 135055
Ion Ratio Lower Upper
95 100
174 81.3 65.0 97.6
176 79.2 63.4 95.0





#61
Tetrachloroethene
Concen: 19.983 ug/l
RT: 9.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

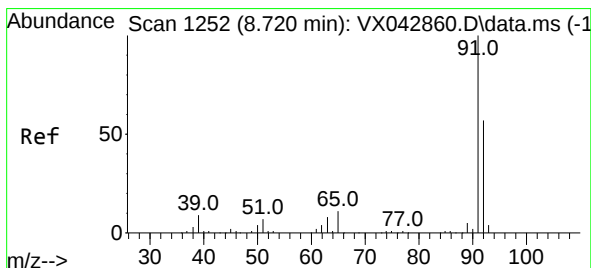
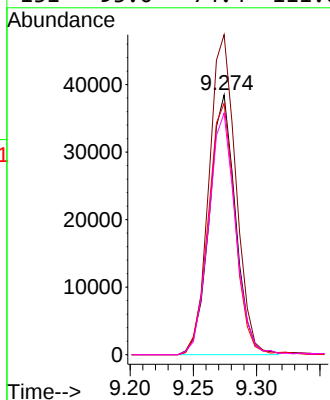
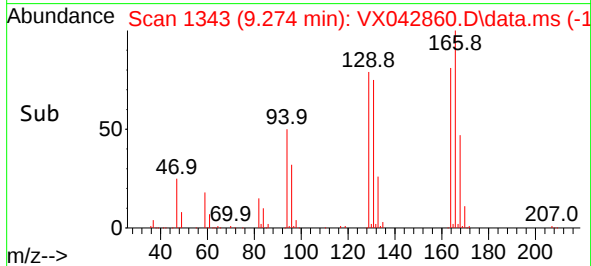
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 5506
Ion Ratio Lower Upper
164 100
166 123.2 98.6 147.8
129 96.7 77.4 116.0
131 93.0 74.4 111.6

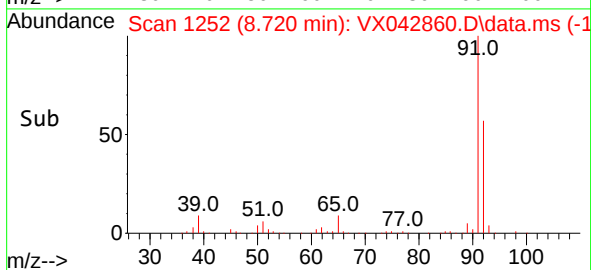
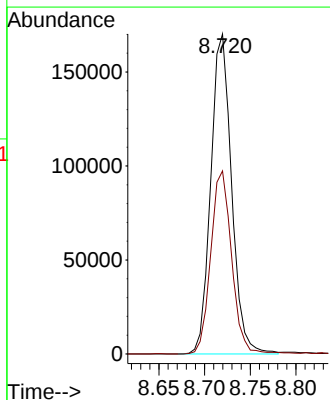
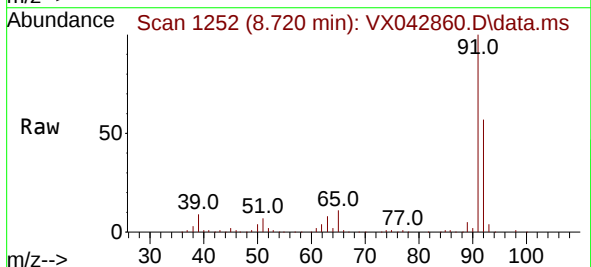
Manual Integrations
APPROVED

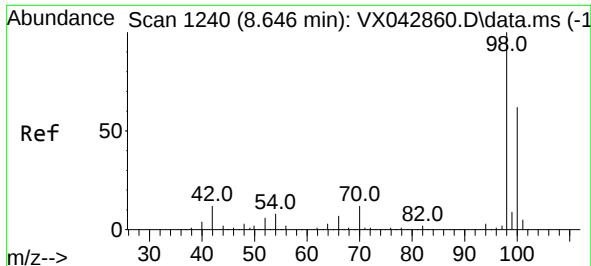
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#62
Toluene
Concen: 19.804 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

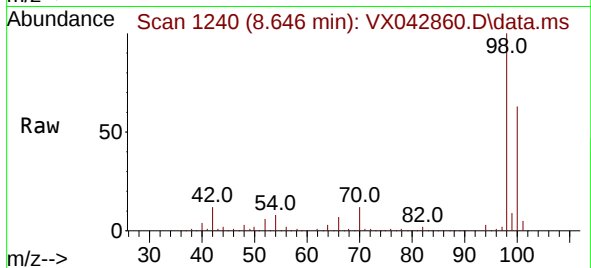
Tgt Ion: 91 Resp: 269216
Ion Ratio Lower Upper
91 100
92 57.1 45.7 68.5





#63
Toluene-d8
Concen: 30.445 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

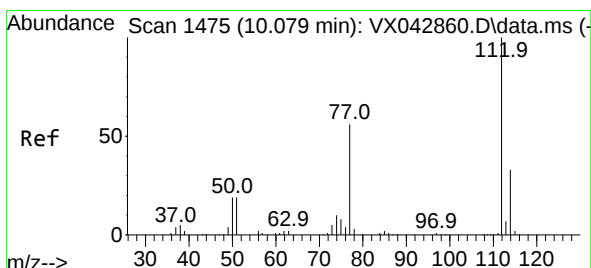
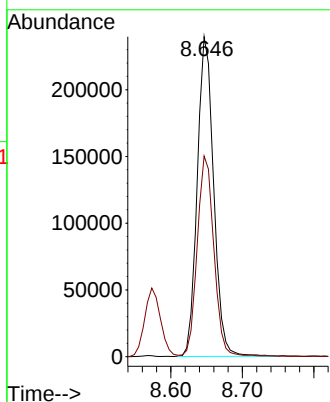
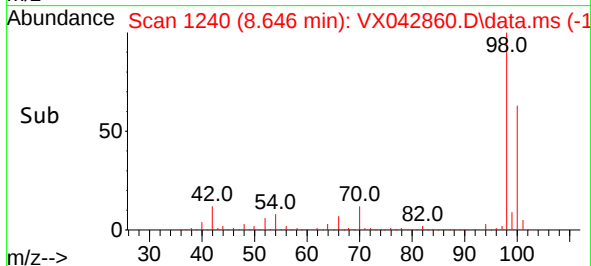
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



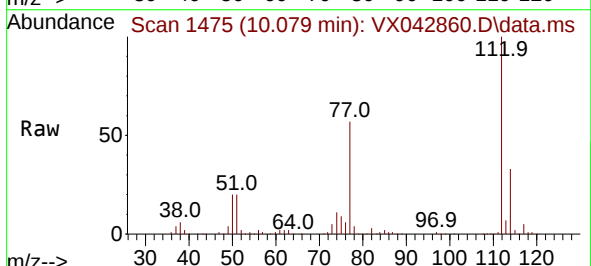
Tgt Ion: 98 Resp: 381689
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

Manual Integrations
APPROVED

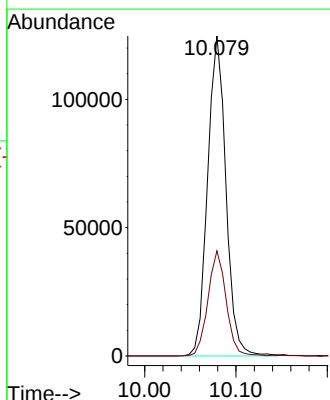
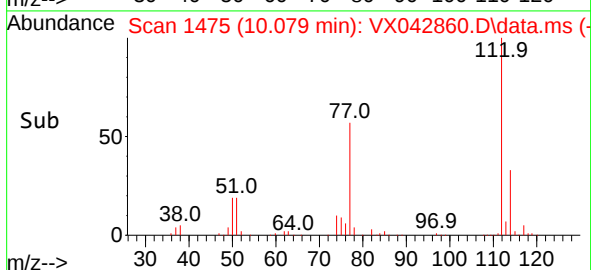
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

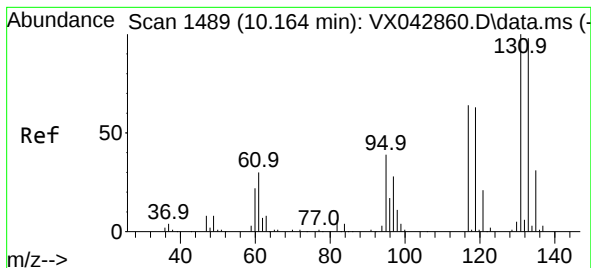


#64
Chlorobenzene
Concen: 19.912 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31



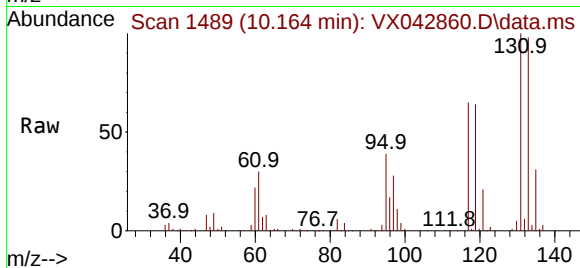
Tgt Ion:112 Resp: 173245
Ion Ratio Lower Upper
112 100
114 32.9 26.3 39.5





#65
1,1,1,2-Tetrachloroethane
Concen: 19.819 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

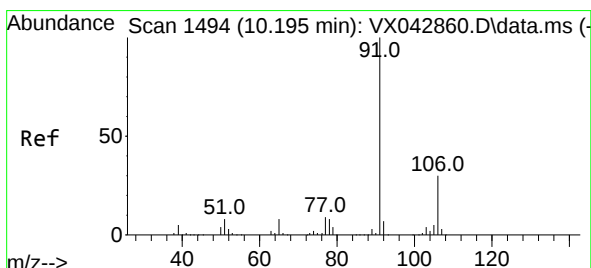
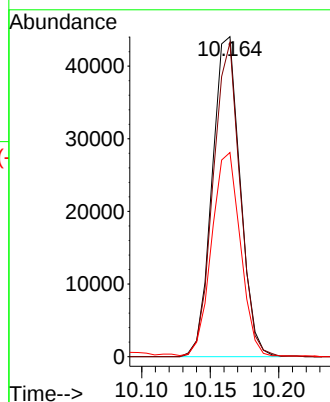
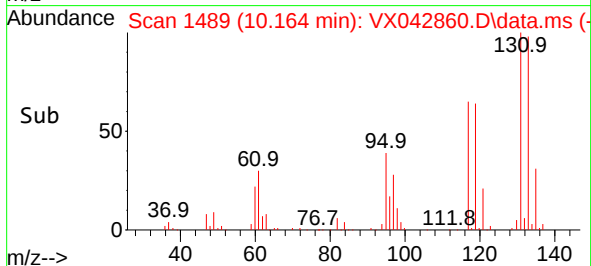
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 62590
Ion Ratio Lower Upper
131 100
133 94.1 0.0 188.2
119 65.5 0.0 131.0

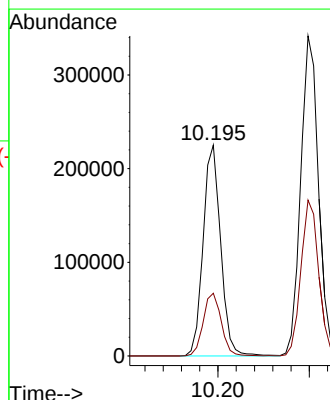
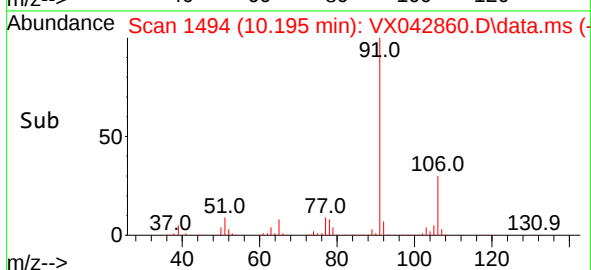
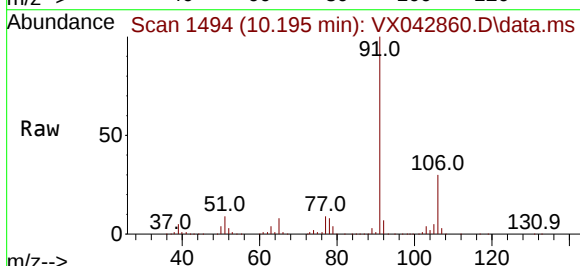
Manual Integrations
APPROVED

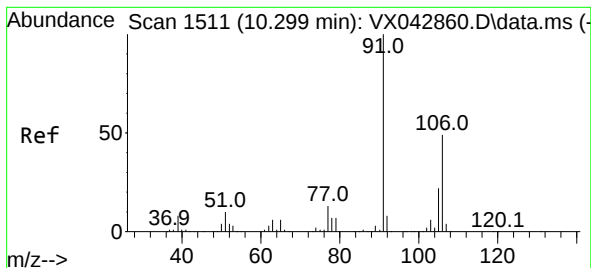
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#66
Ethyl Benzene
Concen: 19.843 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

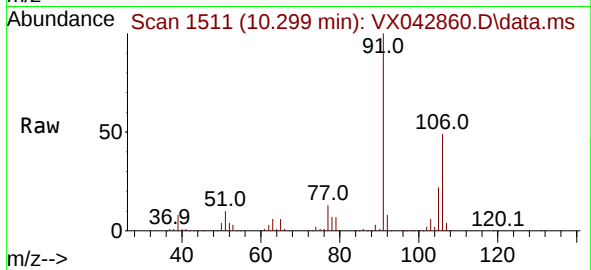
Tgt Ion: 91 Resp: 299804
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8





#67
m/p-Xylenes
Concen: 39.594 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

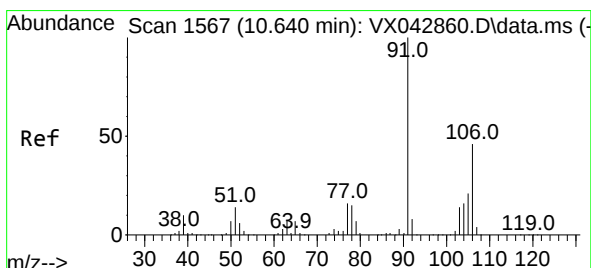
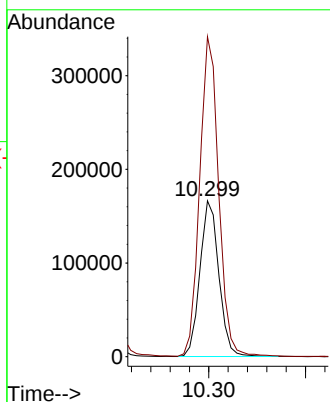
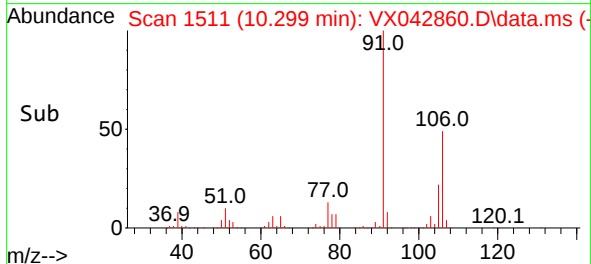
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



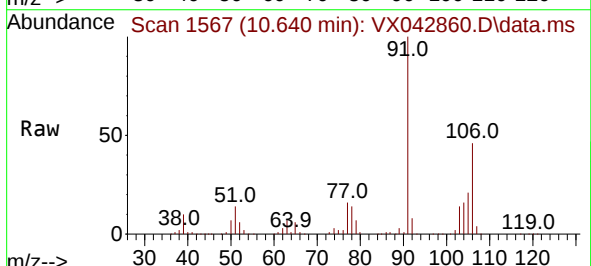
Tgt Ion:106 Resp: 226180
Ion Ratio Lower Upper
106 100
91 206.6 165.3 247.9

Manual Integrations
APPROVED

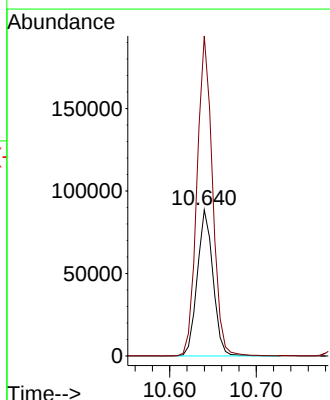
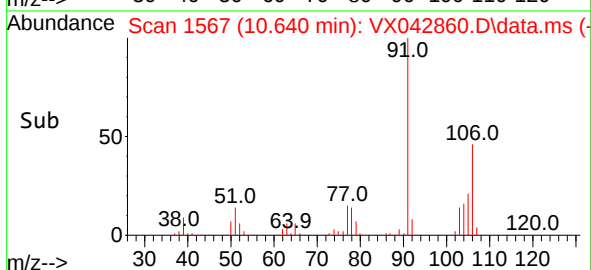
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

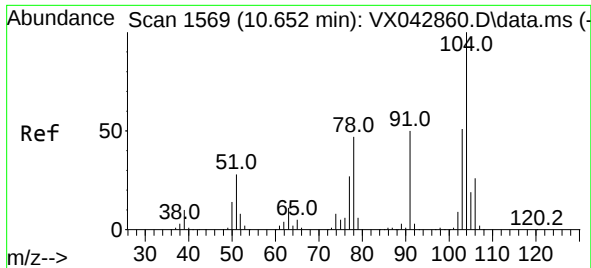


#68
o-Xylene
Concen: 19.878 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31



Tgt Ion:106 Resp: 111939
Ion Ratio Lower Upper
106 100
91 214.9 107.5 322.4





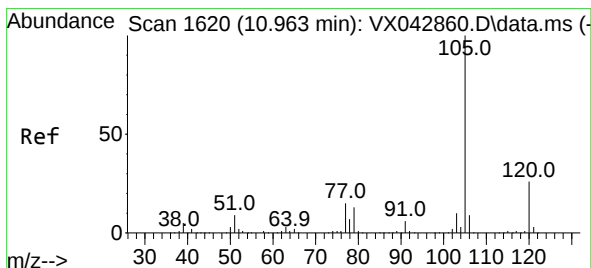
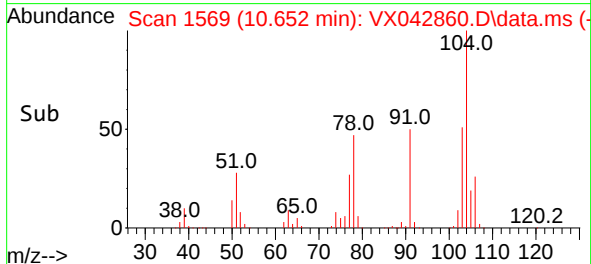
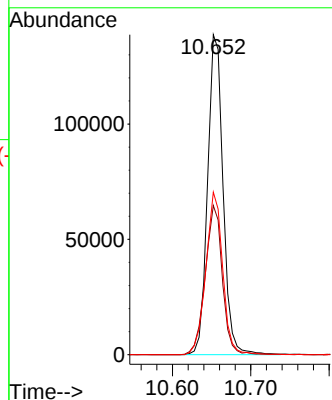
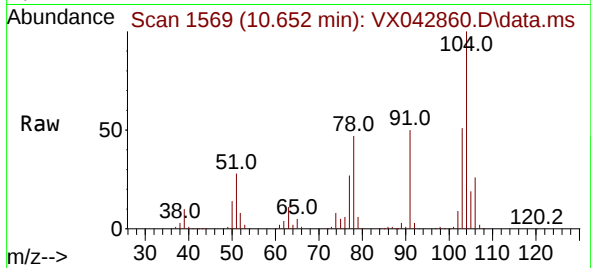
#69
Styrene
Concen: 19.587 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 189930
Ion Ratio Lower Upper
104 100
78 51.4 41.1 61.7
103 55.2 44.2 66.2

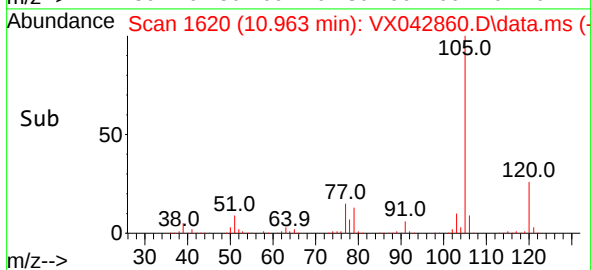
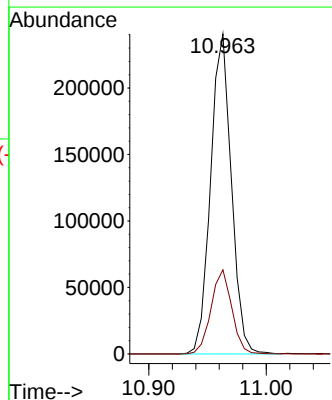
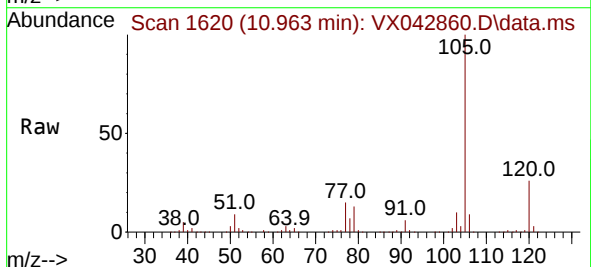
Manual Integrations
APPROVED

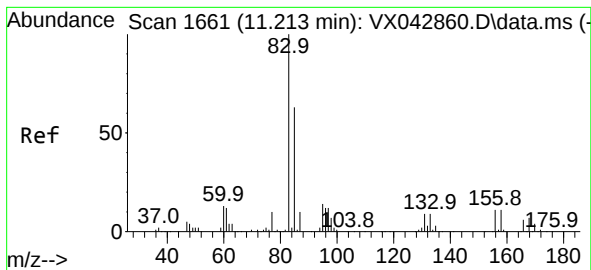
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#70
Isopropylbenzene
Concen: 19.954 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

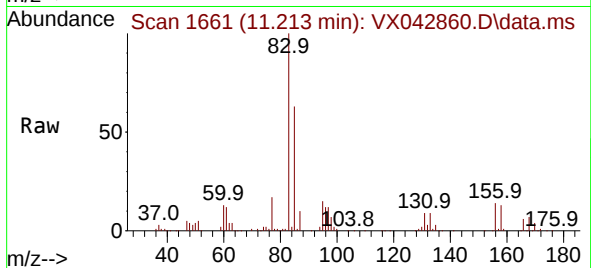
Tgt Ion:105 Resp: 295741
Ion Ratio Lower Upper
105 100
120 26.3 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 19.888 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

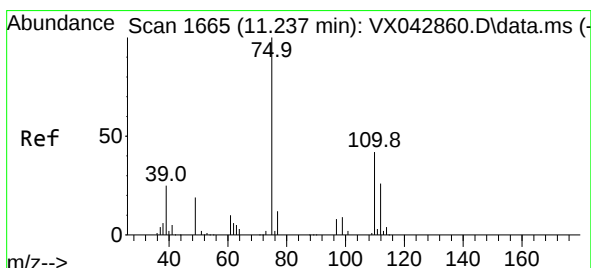
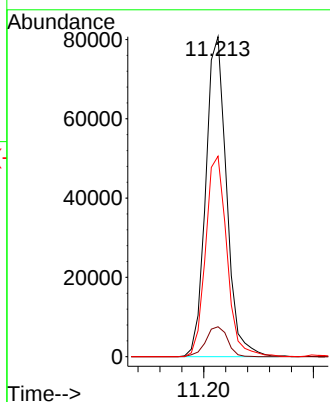
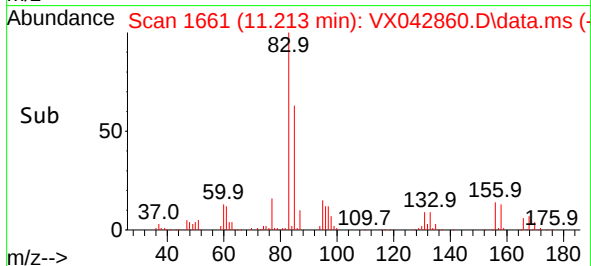
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 106308
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 64.1 32.0 96.2

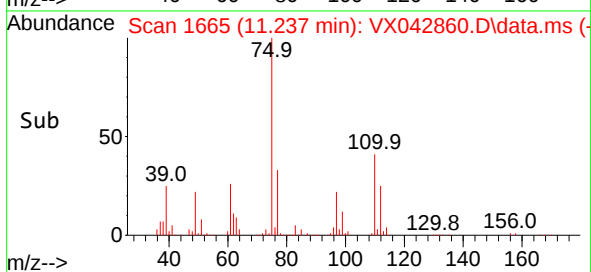
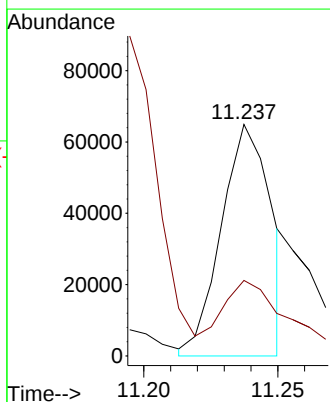
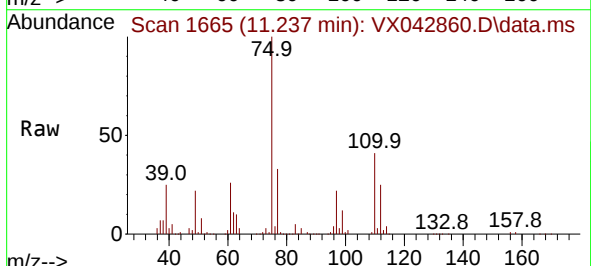
Manual Integrations
APPROVED

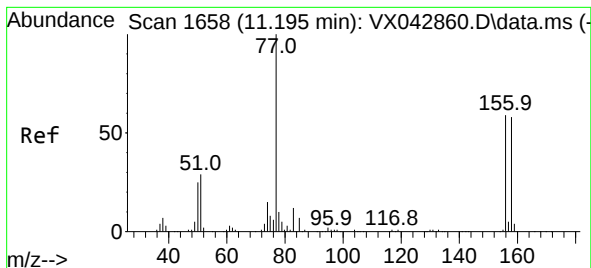
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#72
1,2,3-Trichloropropane
Concen: 19.174 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Tgt Ion: 75 Resp: 83721
Ion Ratio Lower Upper
75 100
77 43.7 0.0 89.6





#73

Bromobenzene

Concen: 19.310 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

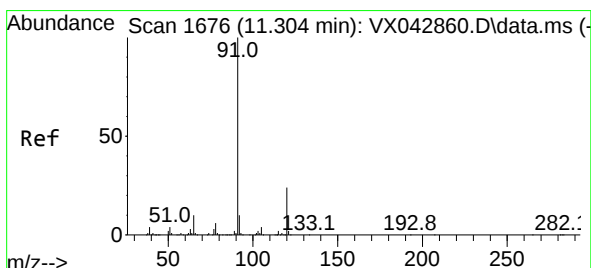
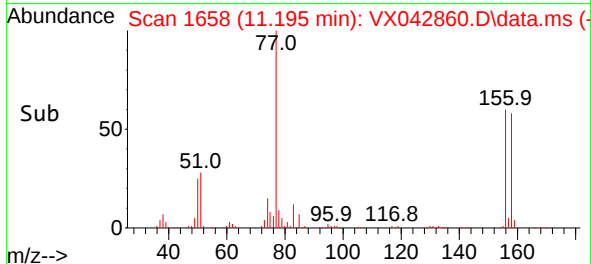
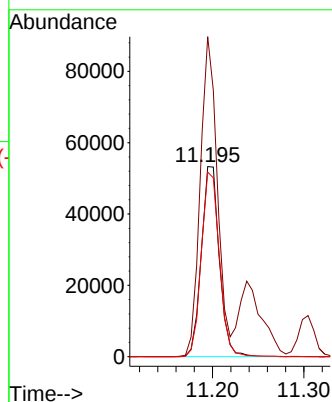
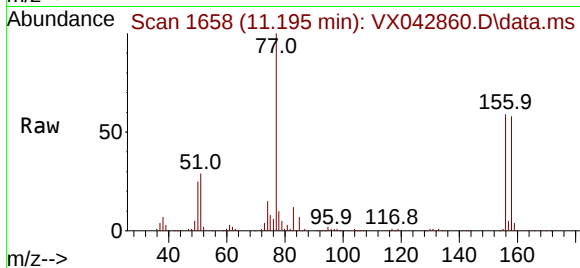
Tgt Ion:	156	Resp:	72719
Ion Ratio	Lower	Upper	
156	100		
77	158.6	0.0	317.2
158	97.6	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#74

n-propylbenzene

Concen: 19.834 ug/l

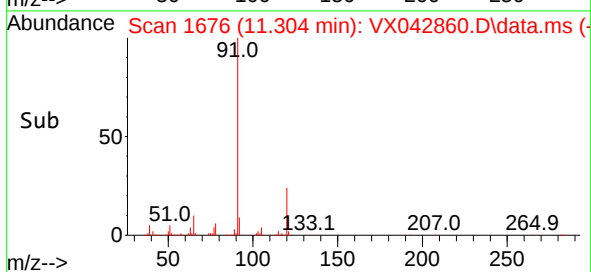
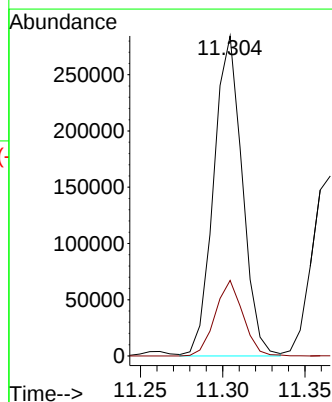
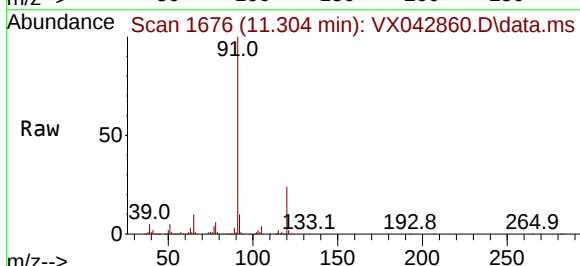
RT: 11.304 min Scan# 1676

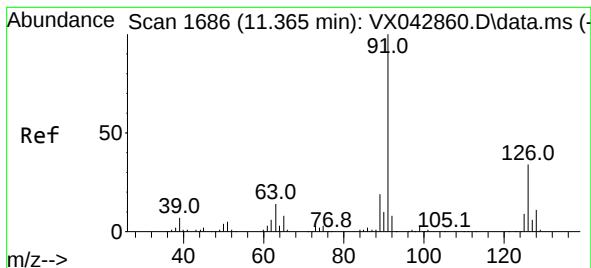
Delta R.T. 0.000 min

Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

Tgt Ion:	91	Resp:	343871
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	45.8





#75

2-Chlorotoluene

Concen: 19.482 ug/l

RT: 11.365 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 91 Resp: 206158

Ion Ratio Lower Upper

91 100

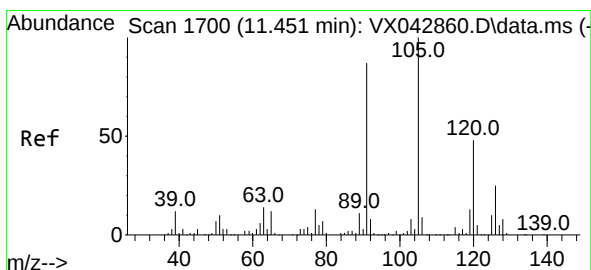
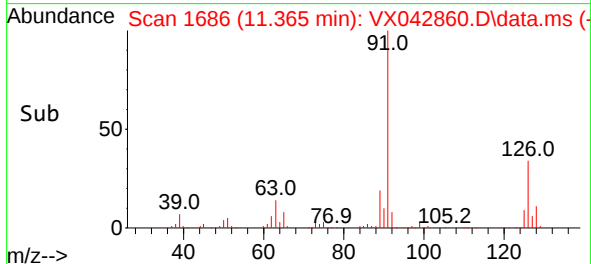
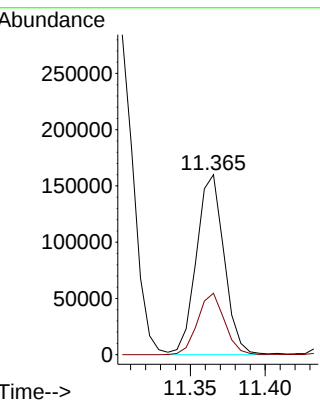
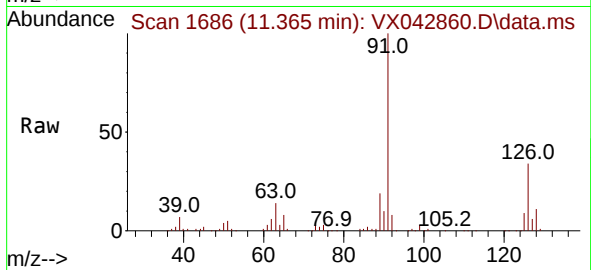
126 33.1 0.0 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#76

1,3,5-Trimethylbenzene

Concen: 19.419 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042860.D

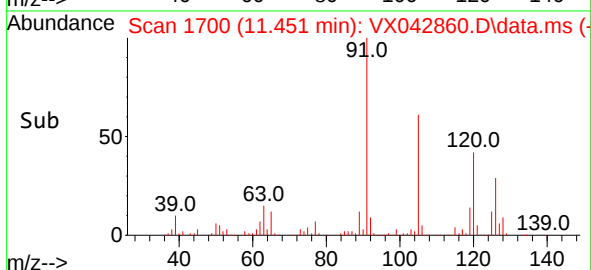
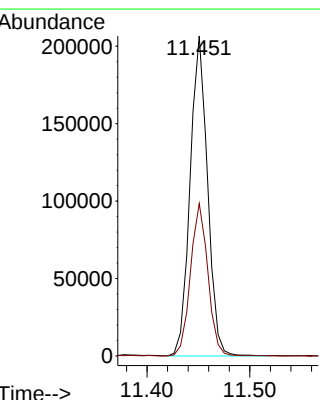
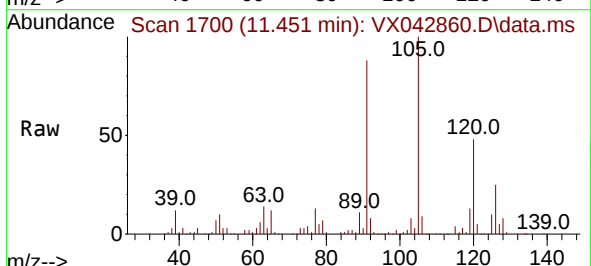
Acq: 06 Aug 2024 10:31

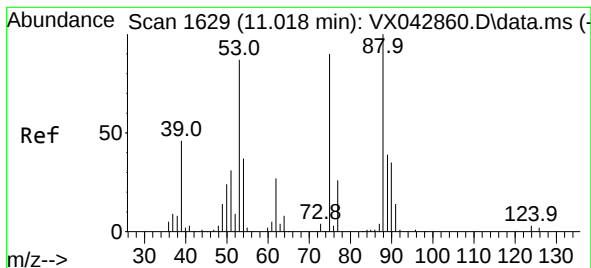
Tgt Ion:105 Resp: 243937

Ion Ratio Lower Upper

105 100

120 47.4 0.0 94.8





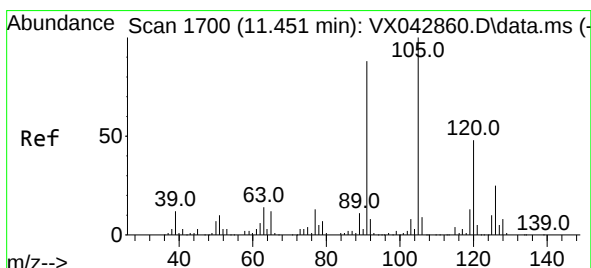
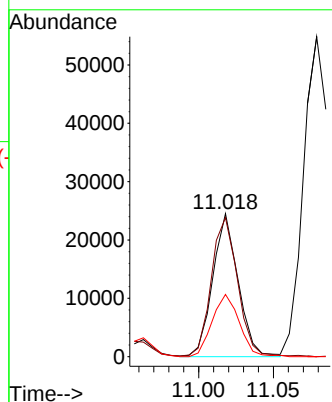
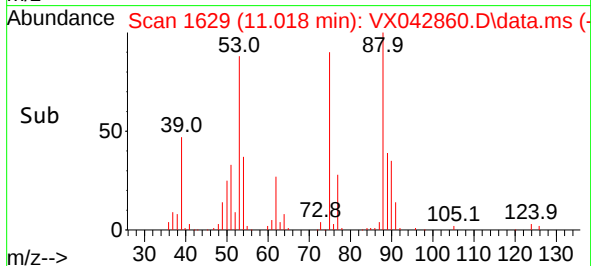
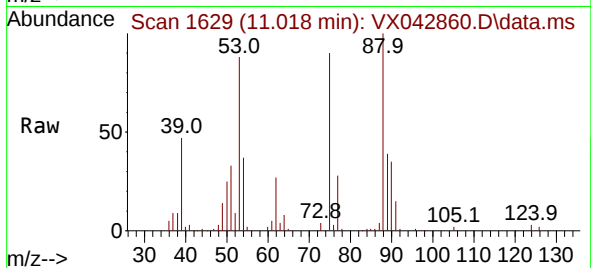
#77
t-1,4-Dichloro-2-butene
Concen: 18.681 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 2900
Ion Ratio Lower Upper
75 100
53 97.0 48.5 145.5
89 43.7 21.9 65.5

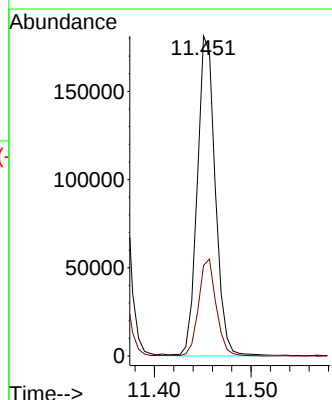
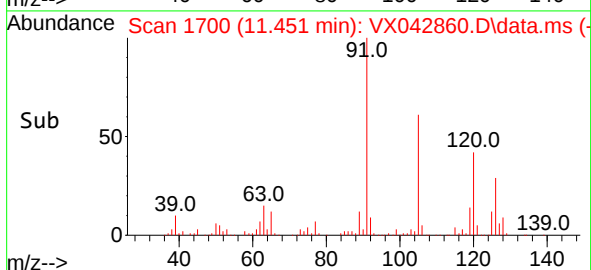
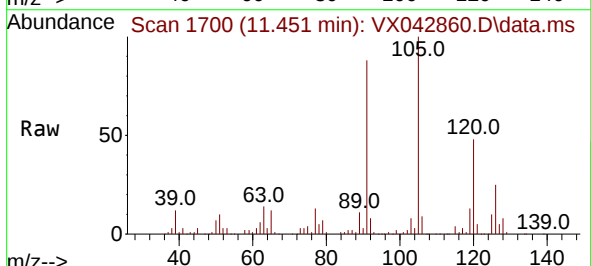
Manual Integrations
APPROVED

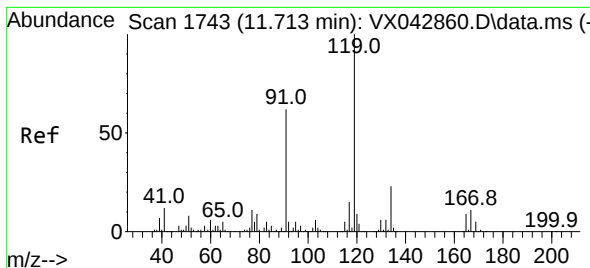
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#78
4-Chlorotoluene
Concen: 19.321 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

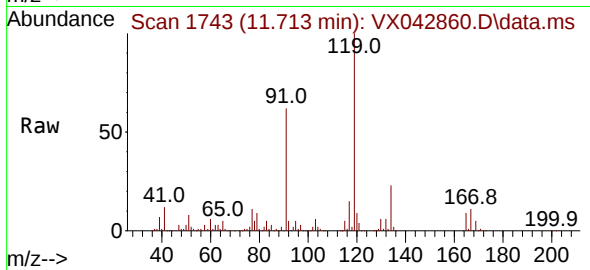
Tgt Ion: 91 Resp: 234481
Ion Ratio Lower Upper
91 100
126 29.7 0.0 59.4





#79
tert-butylbenzene
Concen: 19.341 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

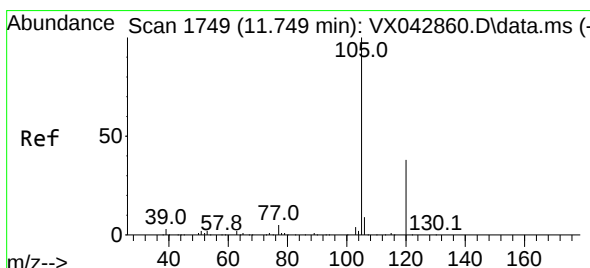
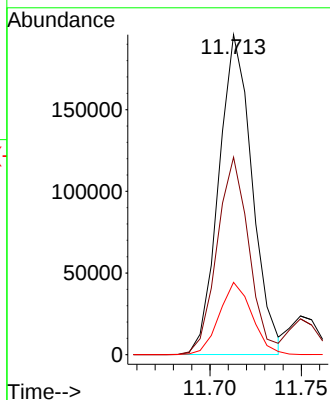
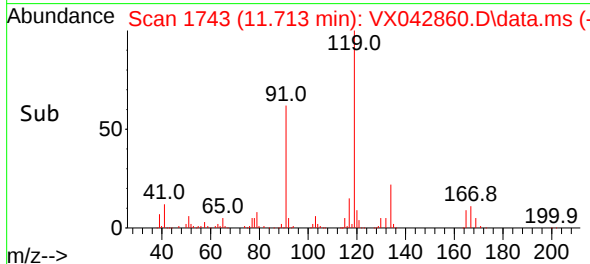
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:119 Resp: 249292
Ion Ratio Lower Upper
119 100
91 59.3 0.0 118.6
134 22.2 0.0 44.4

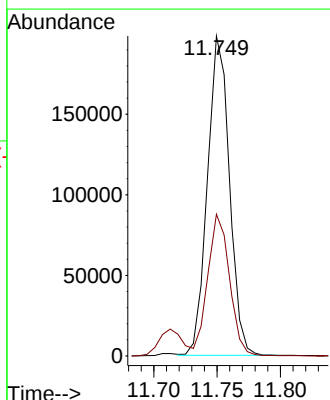
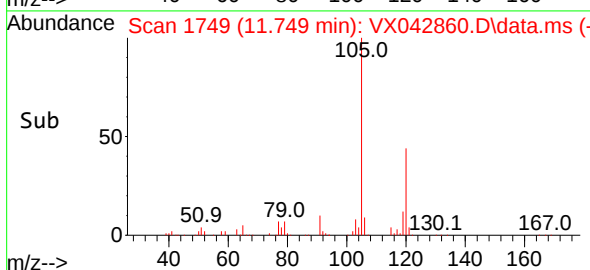
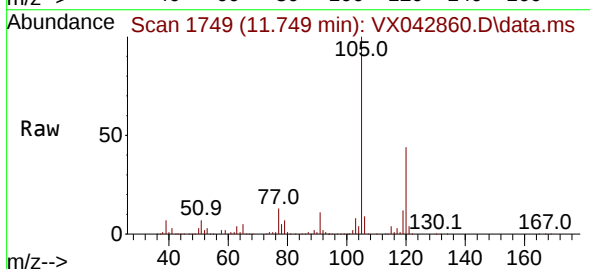
Manual Integrations
APPROVED

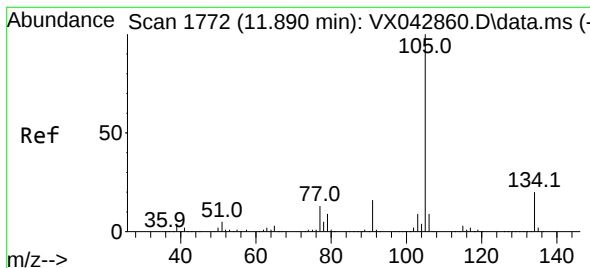
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.350 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

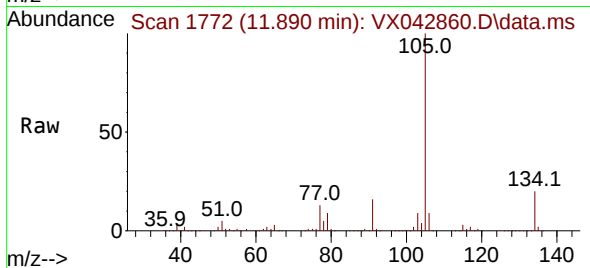
Tgt Ion:105 Resp: 239806
Ion Ratio Lower Upper
105 100
120 43.9 0.0 87.8





#81
 sec-Butylbenzene
 Concen: 19.638 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042860.D
 Acq: 06 Aug 2024 10:31

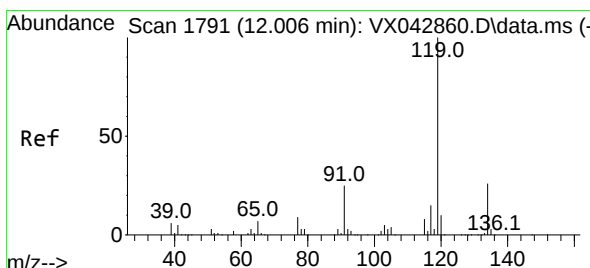
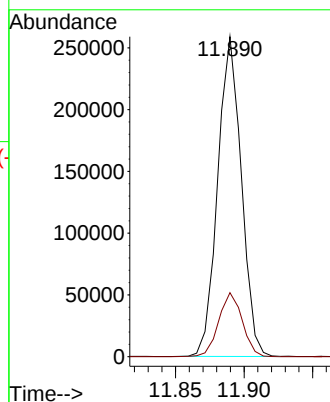
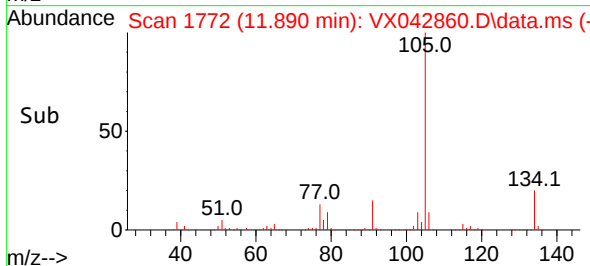
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



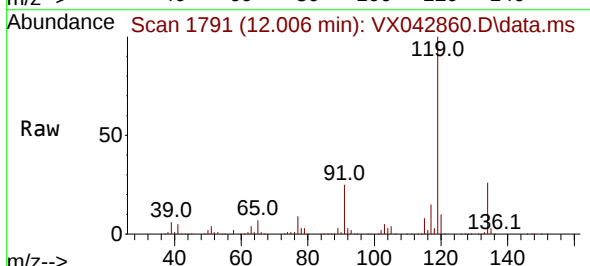
Tgt Ion:105 Resp: 310240
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.0

Manual Integrations
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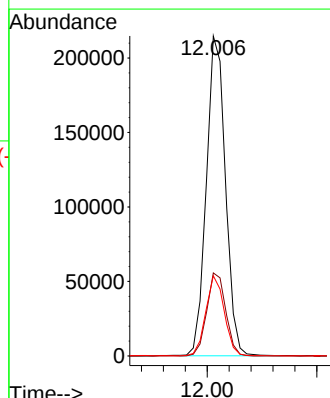
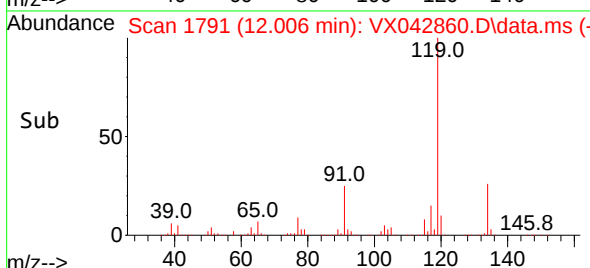
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

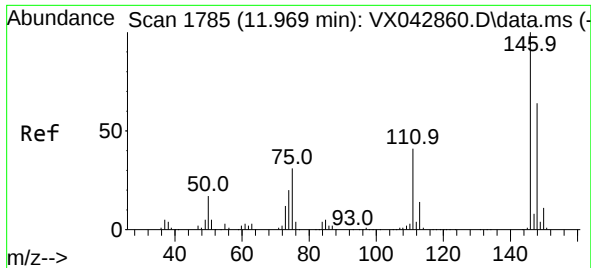


#82
 p-Isopropyltoluene
 Concen: 19.594 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042860.D
 Acq: 06 Aug 2024 10:31



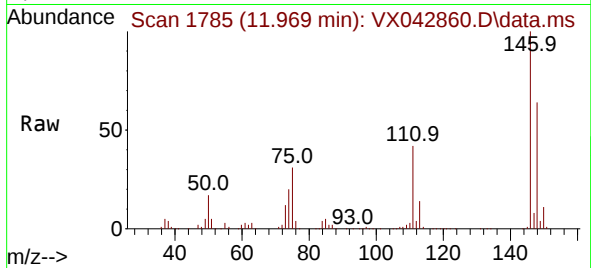
Tgt Ion:119 Resp: 259227
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 24.2 0.0 48.4





#83
1,3-Dichlorobenzene
Concen: 19.426 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

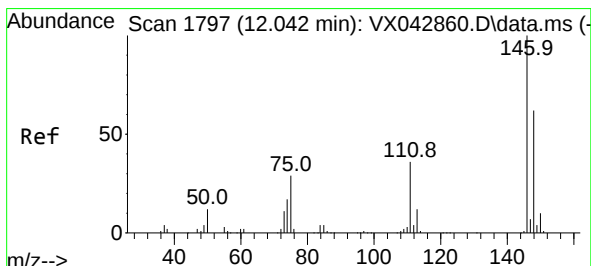
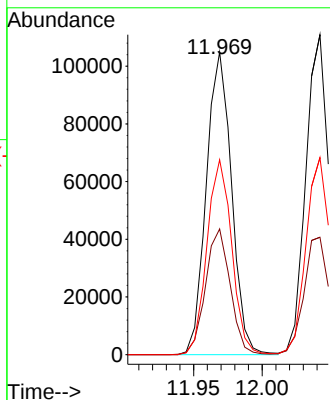
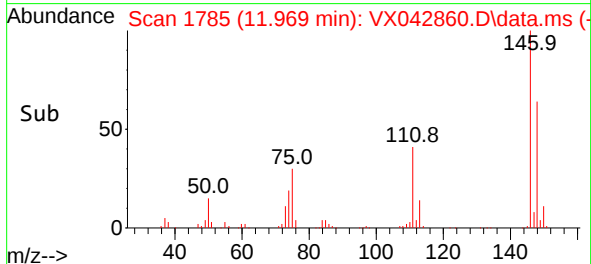
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



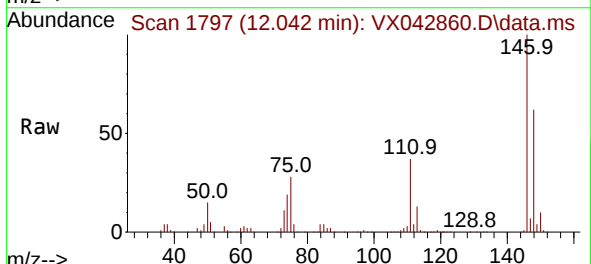
Tgt Ion:146 Resp: 134640
Ion Ratio Lower Upper
146 100
111 40.7 20.3 61.0
148 63.4 31.7 95.1

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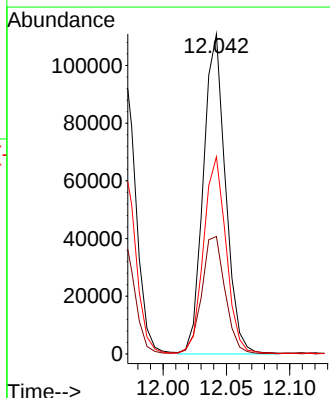
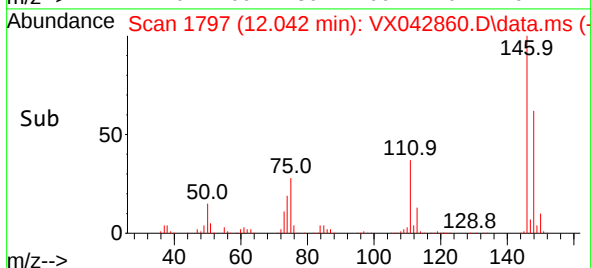
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

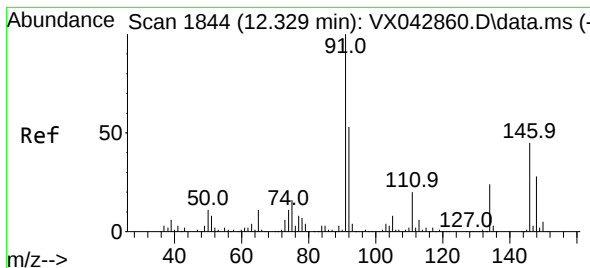


#84
1,4-Dichlorobenzene
Concen: 19.460 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31



Tgt Ion:146 Resp: 135608
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.4
148 62.8 31.4 94.2





#85

n-Butylbenzene

Concen: 19.493 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 91 Resp: 23243

Ion Ratio Lower Upper

91 100

92 53.2 0.0 106.4

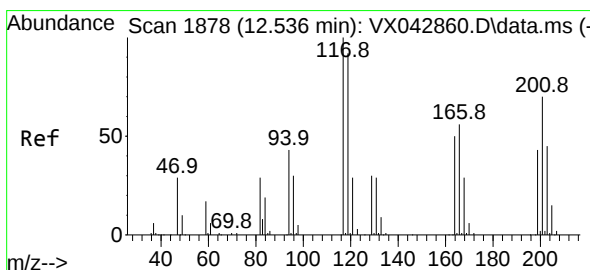
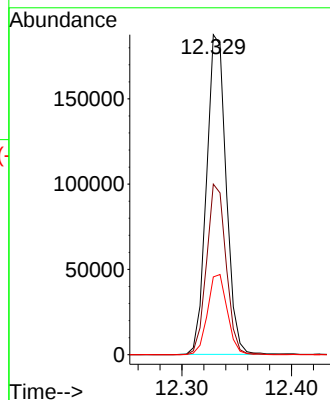
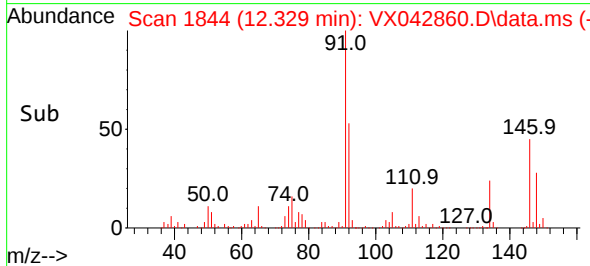
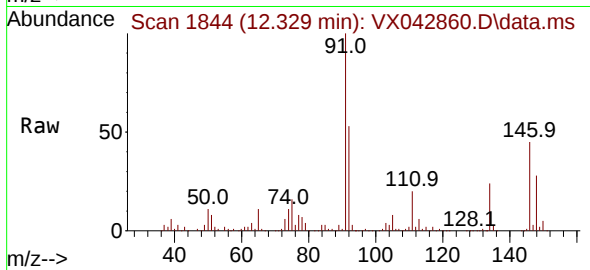
134 25.3 0.0 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#86

Hexachloroethane

Concen: 18.874 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX042860.D

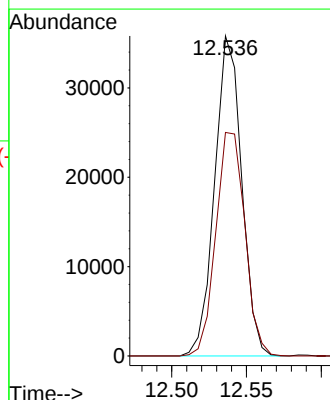
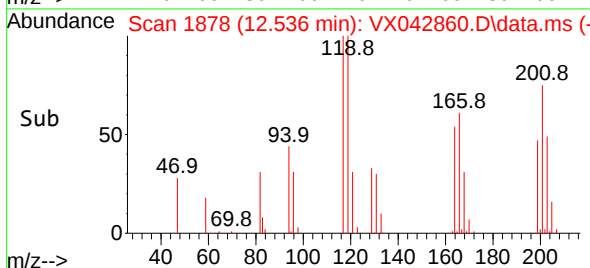
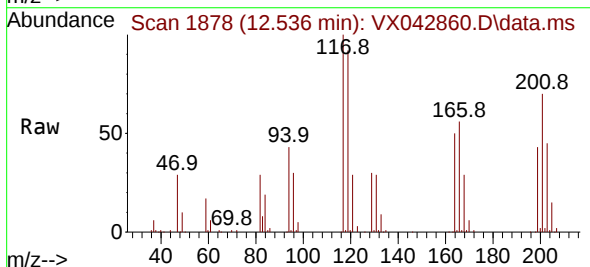
Acq: 06 Aug 2024 10:31

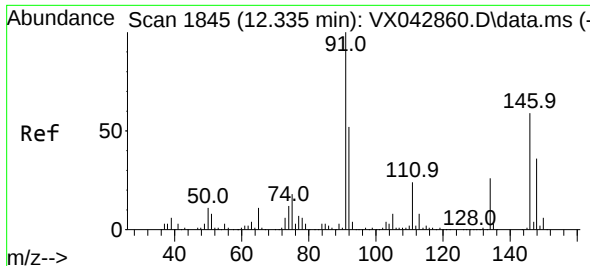
Tgt Ion:117 Resp: 45065

Ion Ratio Lower Upper

117 100

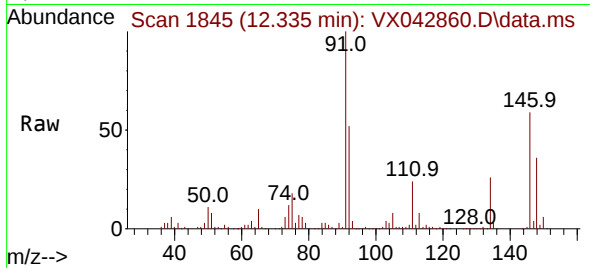
201 75.1 37.5 112.7





#87
1,2-Dichlorobenzene
Concen: 19.239 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

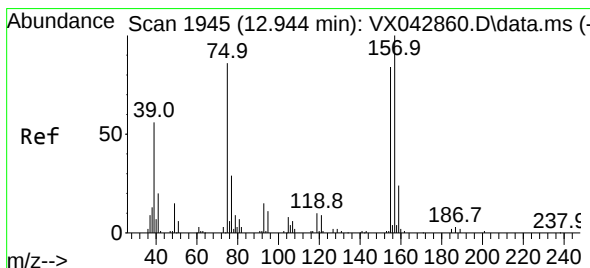
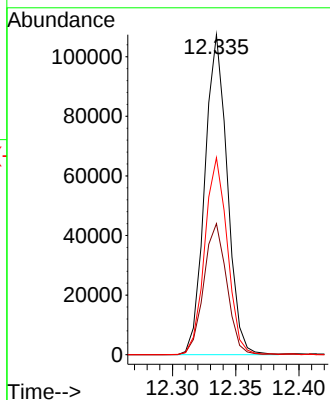
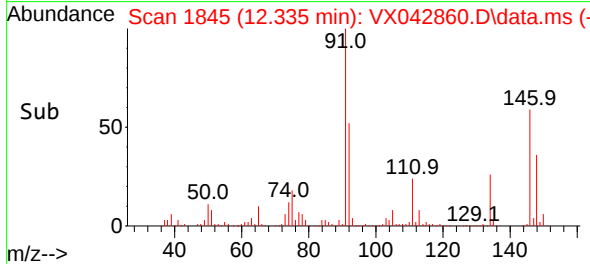
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 13284
Ion Ratio Lower Upper
146 100
111 42.0 21.0 63.0
148 61.6 30.8 92.4

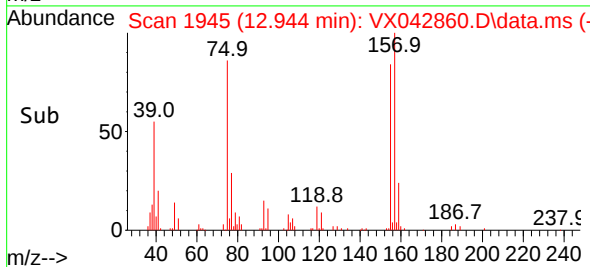
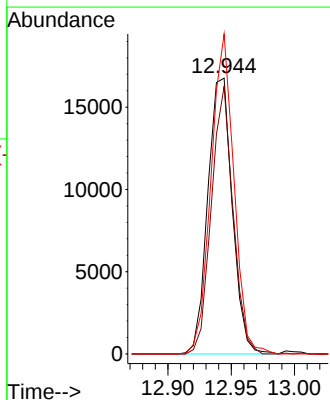
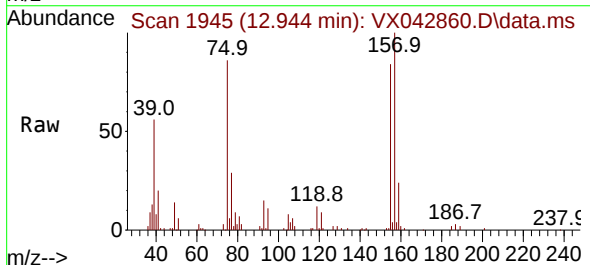
Manual Integrations
APPROVED

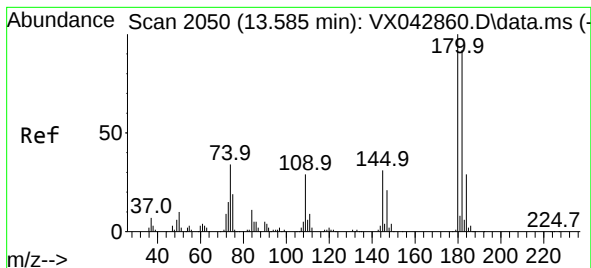
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.689 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Tgt Ion: 75 Resp: 22568
Ion Ratio Lower Upper
75 100
155 85.9 68.7 103.1
157 108.4 86.7 130.1





#89

1,2,4-Trichlorobenzene

Concen: 19.161 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

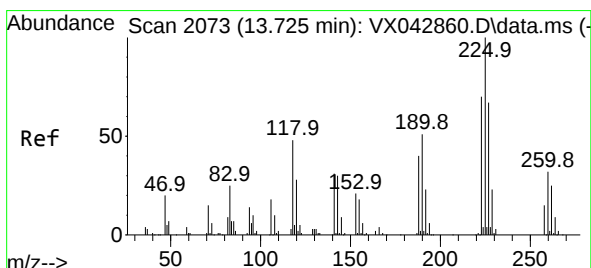
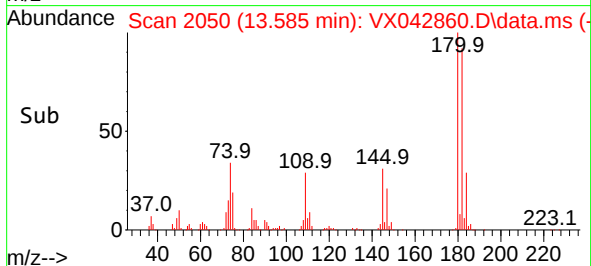
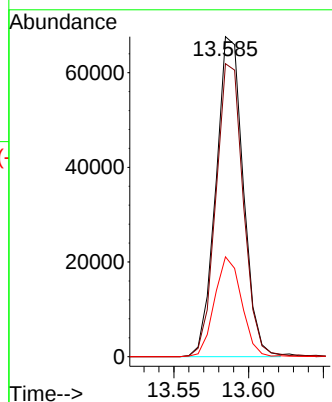
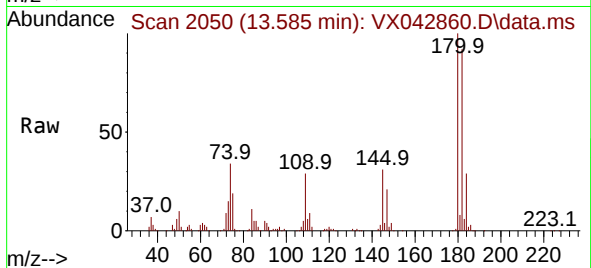
Tgt Ion:180	Resp:	8607
Ion Ratio	Lower	Upper
180	100	
182	91.4	73.1 109.7
145	30.8	24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#90

Hexachlorobutadiene

Concen: 19.012 ug/l

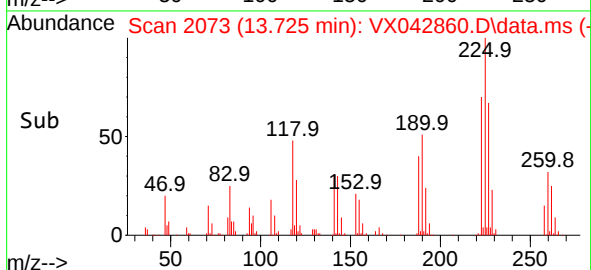
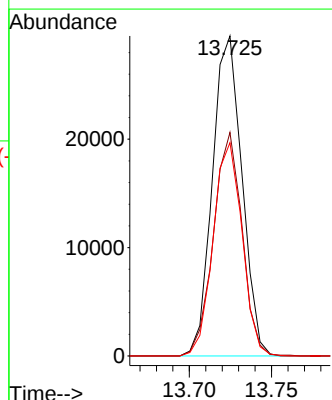
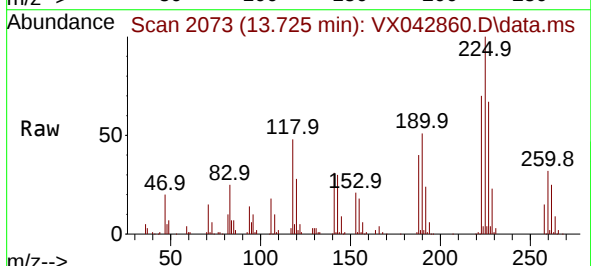
RT: 13.725 min Scan# 2073

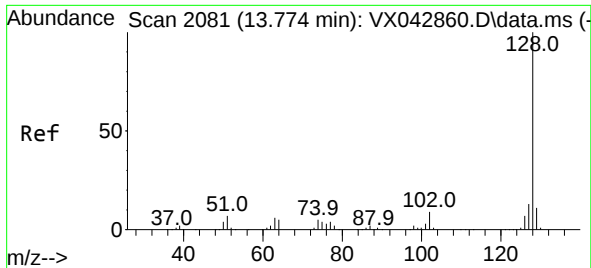
Delta R.T. 0.000 min

Lab File: VX042860.D

Acq: 06 Aug 2024 10:31

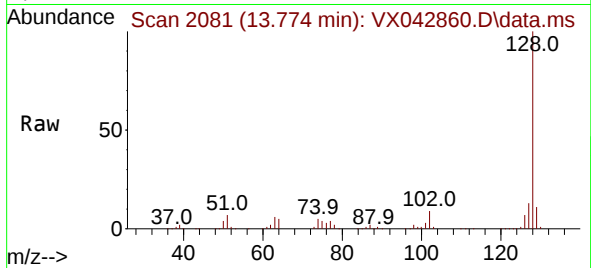
Tgt Ion:225	Resp:	36908
Ion Ratio	Lower	Upper
225	100	
223	67.5	0.0 135.0
227	65.2	0.0 130.4





#91
Naphthalene
Concen: 18.895 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

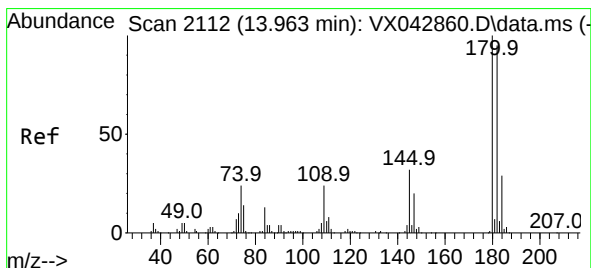
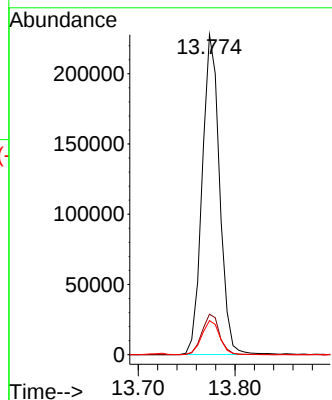
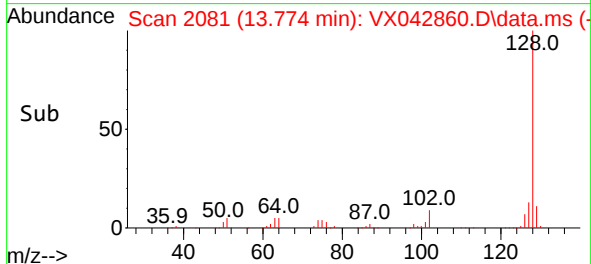
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 285744
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.457 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042860.D
Acq: 06 Aug 2024 10:31

Tgt Ion:180 Resp: 88270
Ion Ratio Lower Upper
180 100
182 92.9 0.0 185.8
145 32.6 0.0 65.2

