

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039666.D
 Acq On : 08 Jan 2024 17:07
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2024
 Supervised By : Mahesh Dadoda 01/09/2024

Quant Time: Jan 09 06:04:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jan 09 05:58:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	8136	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	68149	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	80566	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	38731	30.366	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.233%			
60) 4-Bromofluorobenzene	11.079	95	53622	30.176	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.600%			
63) Toluene-d8	8.647	98	98863	29.846	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	27413	19.943	ug/l	97
3) Chloromethane	1.295	50	30807	20.173	ug/l	96
4) Vinyl Chloride	1.374	62	28100	18.854	ug/l	97
5) Bromomethane	1.593	94	13778	19.345	ug/l	100
6) Chloroethane	1.666	64	16287	24.063	ug/l	97
7) Trichlorofluoromethane	1.874	101	41273	19.611	ug/l	99
8) Diethyl Ether	2.130	74	15310	19.442	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	25174	19.529	ug/l	98
10) 1,1-Dichloroethene	2.313	96	24768	20.053	ug/l	98
11) Methyl Iodide	2.447	142	26428	19.526	ug/l	99
12) Methyl Acetate	2.703	43	39221	19.717	ug/l	94
13) Acrolein	2.233	56	25871	87.167	ug/l	98
14) Acrylonitrile	3.063	53	91165	99.937	ug/l	99
15) Acetone	2.380	58	28162	97.874	ug/l	96
16) Carbon Disulfide	2.502	76	65310	19.613	ug/l	96
17) Allyl chloride	2.660	41	47697	19.584	ug/l	95
18) Methylene Chloride	2.788	84	28891	20.010	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	26228	20.012	ug/l	97
20) Diisopropyl ether	3.758	45	93853	19.742	ug/l	98
21) 1,1-Dichloroethane	3.605	63	52534	19.791	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	30249	19.745	ug/l	97
23) tert-Butyl Alcohol	2.989	59	44877	104.452	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	89636	19.800	ug/l	97
25) Chloroform	5.093	83	51577	19.799	ug/l	91
26) Cyclohexane	5.465	56	45384	19.709	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	37137	18.989	ug/l	97
30) 2-Butanone	4.556	43	134027	95.552	ug/l	99
31) 2,2-Dichloropropane	4.471	77	40530	18.640	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	42149	18.648	ug/l	97
33) Carbon Tetrachloride	5.672	117	32915	18.472	ug/l	97
34) Benzene	6.038	78	109440	18.864	ug/l	99
35) Methacrylonitrile	4.916	41	25476	18.876	ug/l	93
36) 1,2-Dichloroethane	6.080	62	41796	18.372	ug/l	98
37) Trichloroethene	7.129	130	25896	18.787	ug/l	96
38) Methylcyclohexane	7.379	83	45243	18.909	ug/l	97
39) 1,2-Dichloropropane	7.428	63	28905	18.491	ug/l	95
40) Dibromomethane	7.580	93	19642	18.602	ug/l	98
41) Bromodichloromethane	7.818	83	36064	18.432	ug/l	99
42) Vinyl Acetate	3.715	43	442406	95.393	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	51156	19.458	ug/l	98
44) Isopropyl Acetate	6.336	43	76124	18.730	ug/l	97
45) 1,4-Dioxane	7.659	88	14910	380.505	ug/l	98
46) Methyl methacrylate	7.690	41	37392	19.156	ug/l	95
47) n-amyl Acetate	10.842	43	67402	18.989	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	38282	18.179	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	42699	18.514	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	27608	19.074	ug/l	95
51) Ethyl methacrylate	9.116	69	45869	18.971	ug/l	95
52) 1,3-Dichloropropane	9.305	76	46623	18.667	ug/l	100
53) Dibromochloromethane	9.519	129	24866	18.461	ug/l	96
54) 1,2-Dibromoethane	9.610	107	28584	18.844	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	110671	94.069	ug/l	99
56) Bromoform	10.799	173	16325	17.994	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	262360	99.001	ug/l	98
59) 2-Hexanone	9.433	43	211354	98.526	ug/l	96
61) Tetrachloroethene	9.275	164	20254	18.978	ug/l	96
62) Toluene	8.714	91	116251	19.464	ug/l	98
64) Chlorobenzene	10.080	112	67549	19.452	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	23589	19.107	ug/l	99
66) Ethyl Benzene	10.189	91	127511	19.442	ug/l	98
67) m/p-Xylenes	10.299	106	94997	39.655	ug/l	98
68) o-Xylene	10.640	106	46846	19.478	ug/l	97
69) Styrene	10.653	104	75423	19.617	ug/l	99
70) Isopropylbenzene	10.957	105	123521	19.459	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	47289	19.396	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	39500m	18.994	ug/l	
73) Bromobenzene	11.195	156	27128	19.357	ug/l	96
74) n-propylbenzene	11.305	91	146406	19.344	ug/l	99
75) 2-Chlorotoluene	11.366	91	91511	19.462	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	106126	19.570	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	12020	17.961	ug/l	87
78) 4-Chlorotoluene	11.451	91	101433	19.450	ug/l	98
79) tert-butylbenzene	11.713	119	101620	19.777	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	105008	19.512	ug/l	98
81) sec-Butylbenzene	11.890	105	128605	19.474	ug/l	100
82) p-Isopropyltoluene	12.006	119	101024	19.222	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	50553	19.299	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	49449	19.033	ug/l	100
85) n-Butylbenzene	12.329	91	90257	18.763	ug/l	96
86) Hexachloroethane	12.536	117	16146	17.957	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	51275	19.533	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	10566	18.098	ug/l	92
89) 1,2,4-Trichlorobenzene	13.585	180	27519	18.594	ug/l	97
90) Hexachlorobutadiene	13.725	225	12242	18.895	ug/l	99
91) Naphthalene	13.774	128	110666	19.166	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	28842	18.822	ug/l	97

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

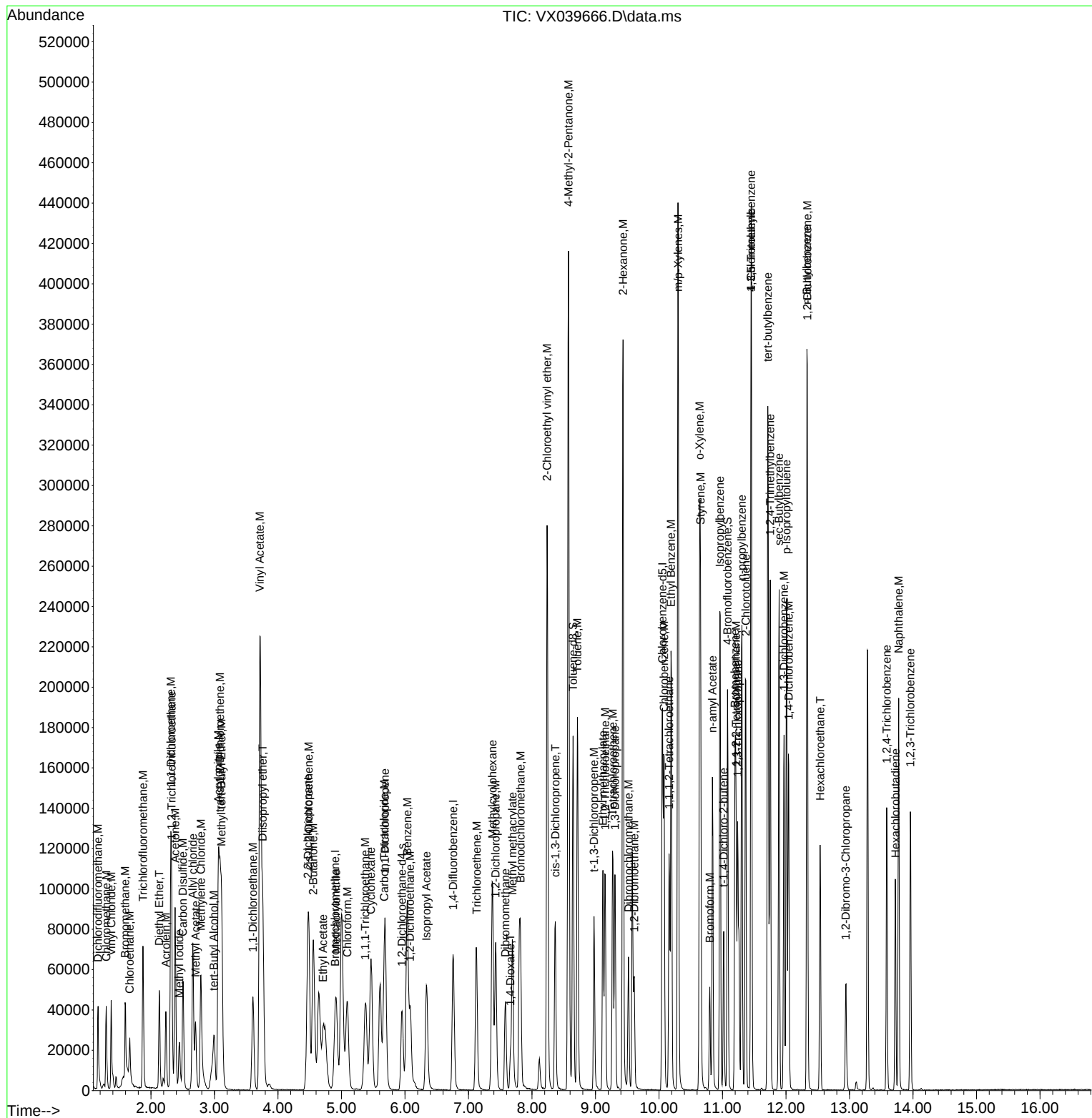
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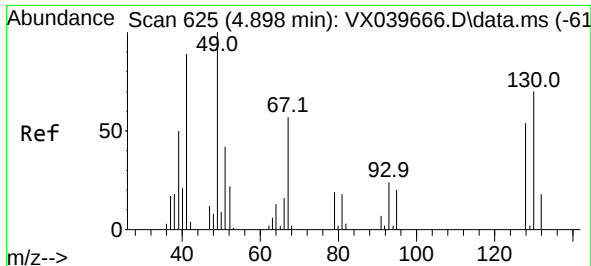
Instrument :
MSVOA_X
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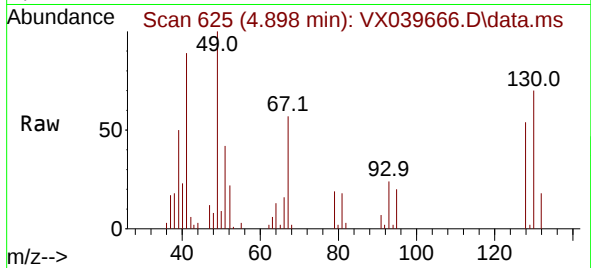
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

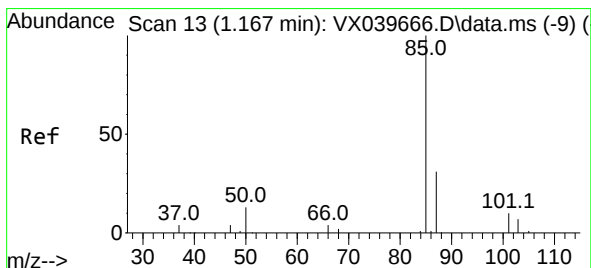
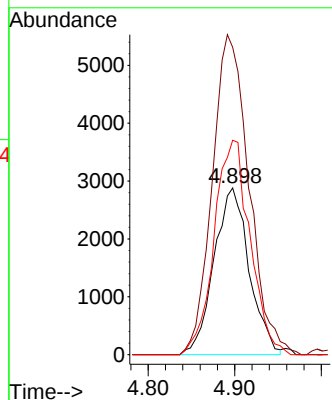
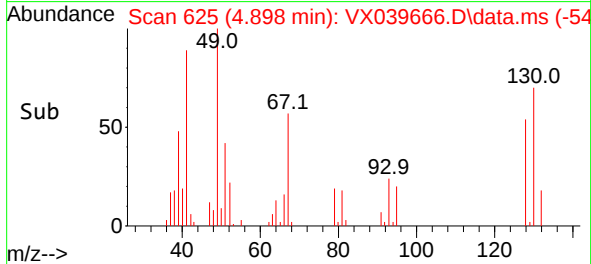
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 8130
Ion Ratio Lower Upper
128 100
49 200.2 0.0 444.0
130 131.2 0.0 297.8

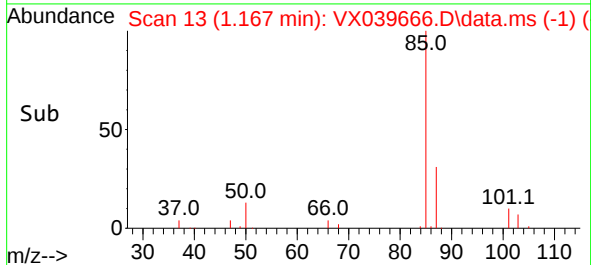
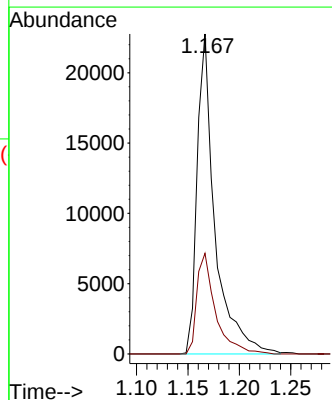
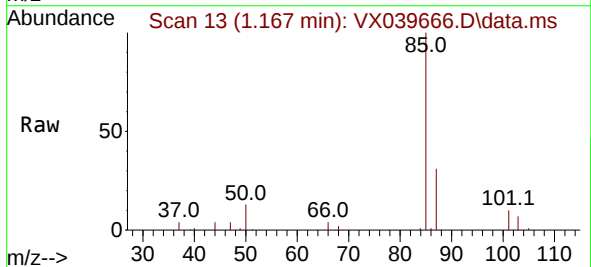
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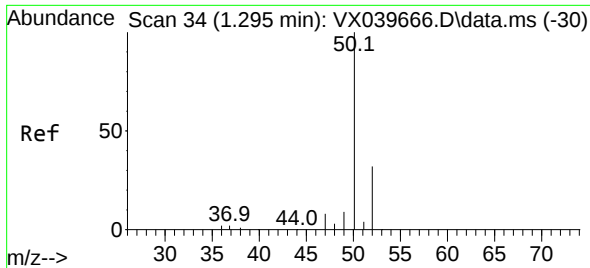
Reviewed By :John Carlone 01/09/2024
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#2
Dichlorodifluoromethane
Concen: 19.943 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

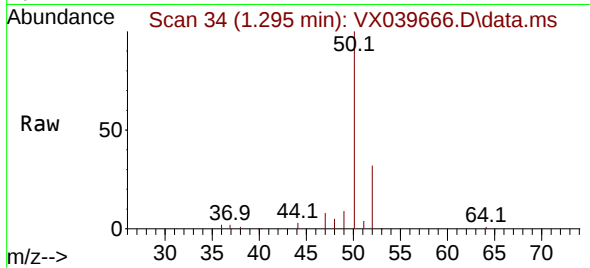
Tgt Ion: 85 Resp: 27413
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





#3
Chloromethane
Concen: 20.173 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

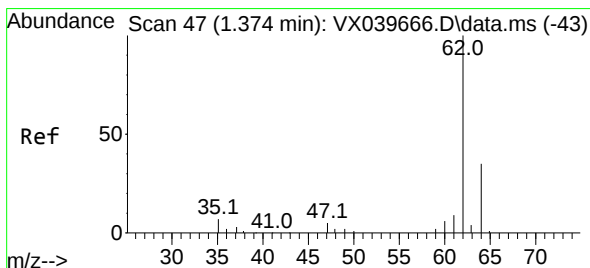
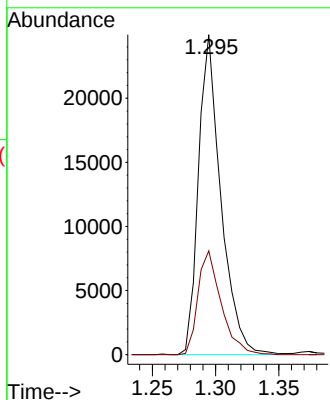
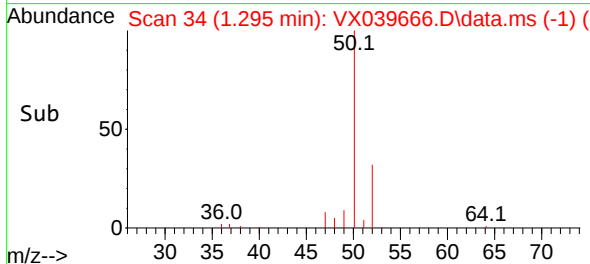
Instrument :
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ClientSampleId :
VSTDICCC020



Tgt Ion: 50 Resp: 3080
Ion Ratio Lower Upper
50 100
52 32.4 27.8 41.8

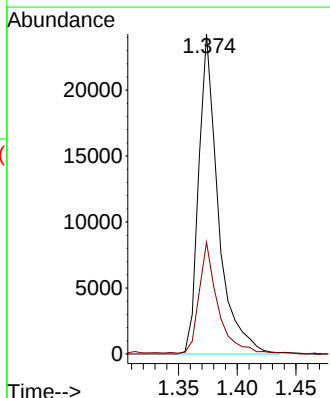
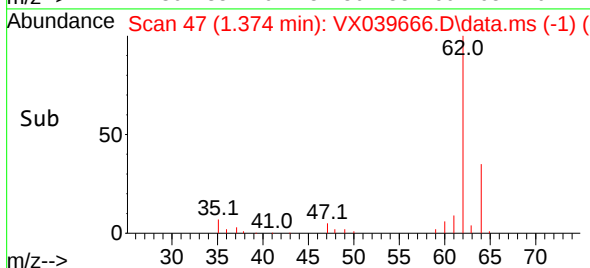
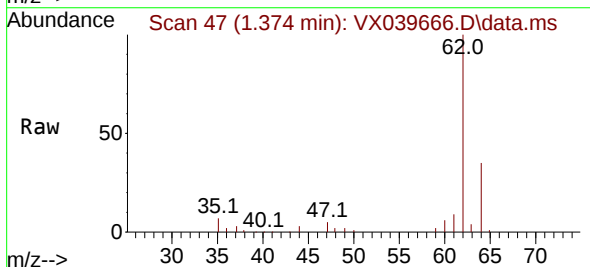
Manual Integrations
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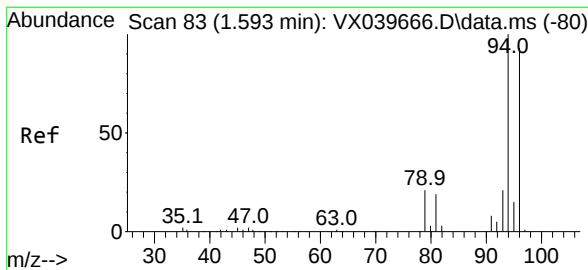
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#4
Vinyl Chloride
Concen: 18.854 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

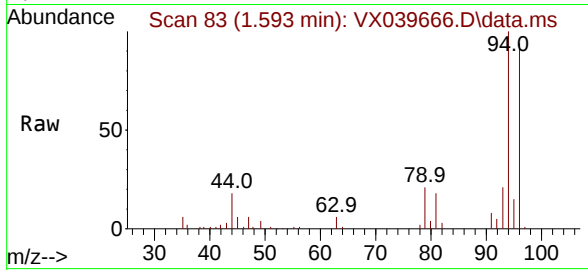
Tgt Ion: 62 Resp: 28100
Ion Ratio Lower Upper
62 100
64 34.7 26.3 39.5





#5
Bromomethane
Concen: 19.345 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

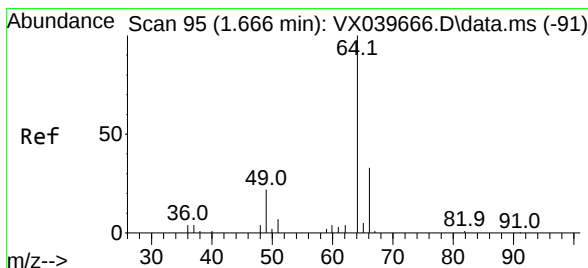
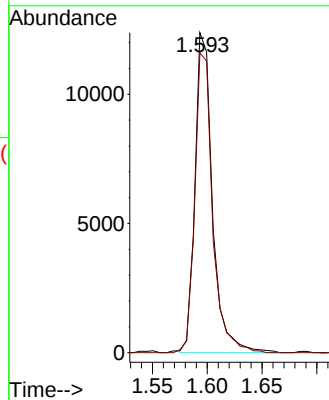
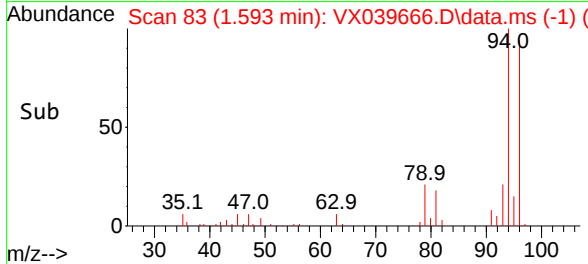
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 13778
Ion Ratio Lower Upper
94 100
96 93.7 74.9 112.3

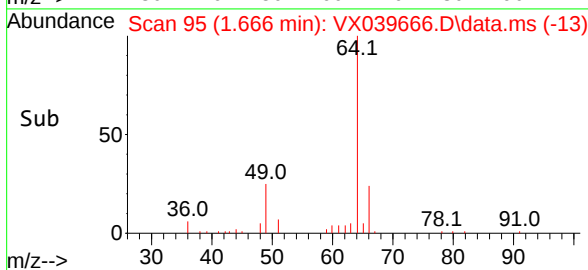
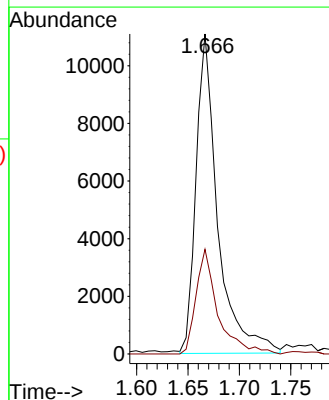
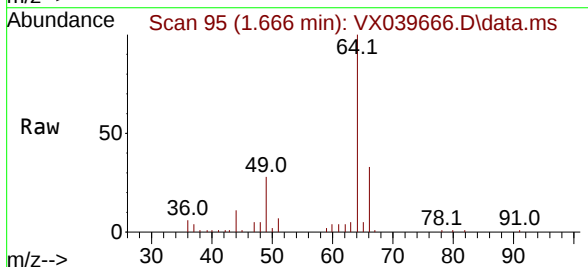
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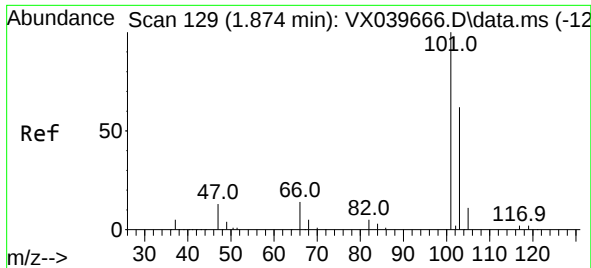
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#6
Chloroethane
Concen: 24.063 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

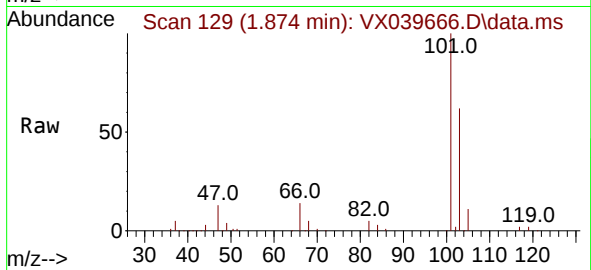
Tgt Ion: 64 Resp: 16287
Ion Ratio Lower Upper
64 100
66 33.0 25.0 37.6





#7
Trichlorofluoromethane
Concen: 19.611 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

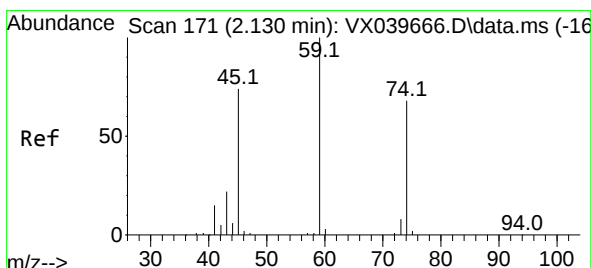
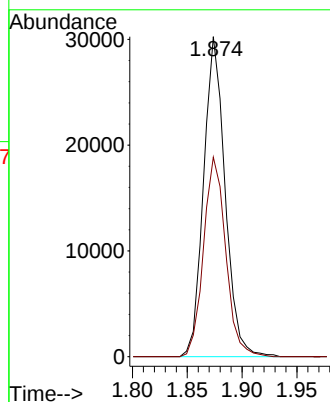
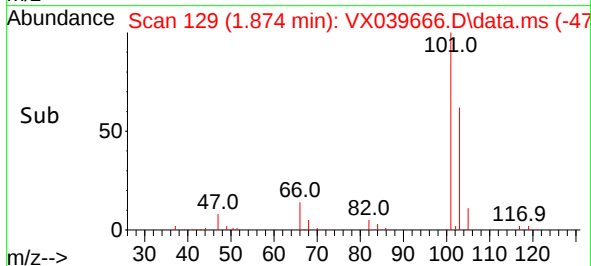
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 4127
Ion Ratio Lower Upper
101 100
103 62.3 49.1 73.7

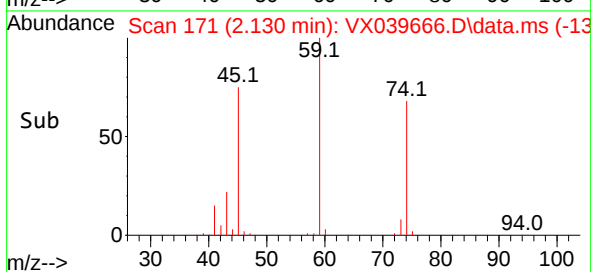
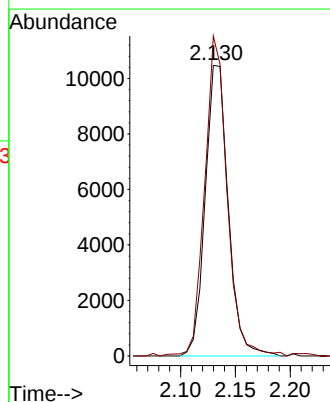
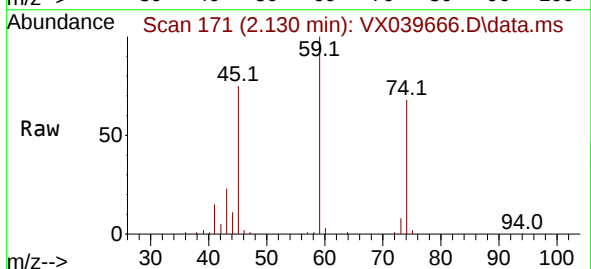
Manual Integrations
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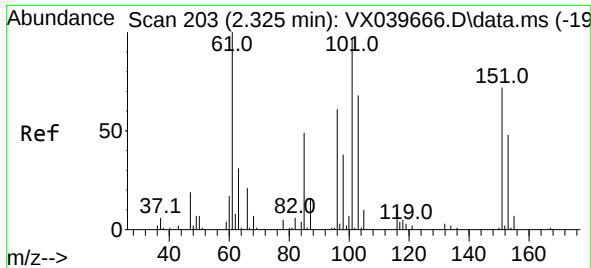
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#8
Diethyl Ether
Concen: 19.442 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion: 74 Resp: 15310
Ion Ratio Lower Upper
74 100
45 106.6 20.5 184.5





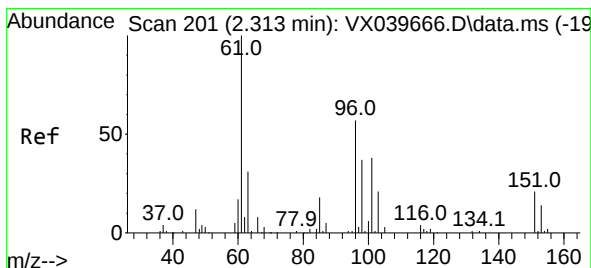
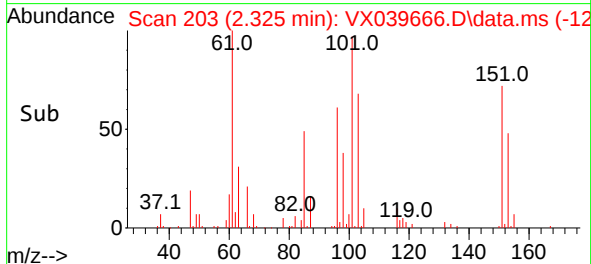
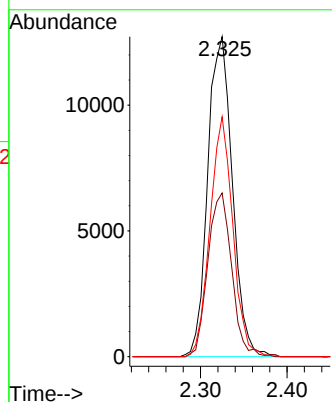
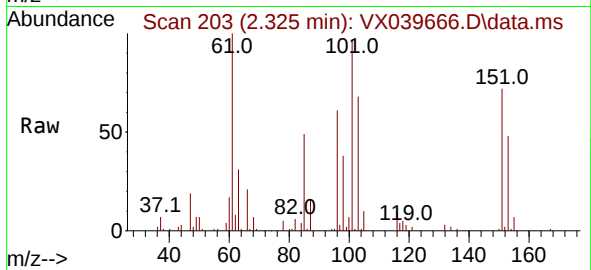
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.529 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 25174
Ion Ratio Lower Upper
101 100
85 49.3 0.0 95.2
151 69.5 0.0 136.8

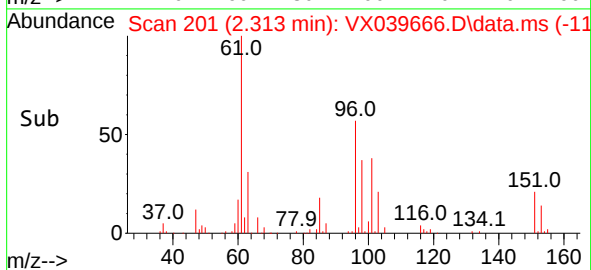
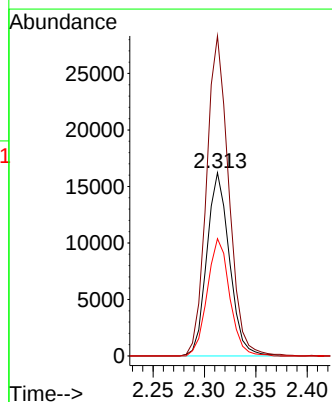
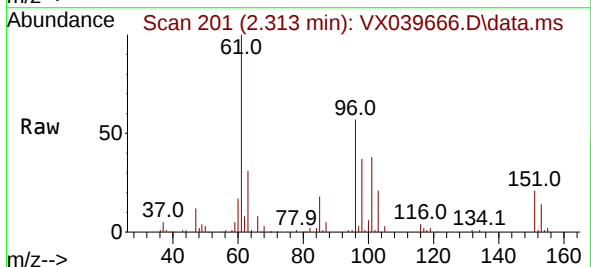
Manual Integrations
APPROVED

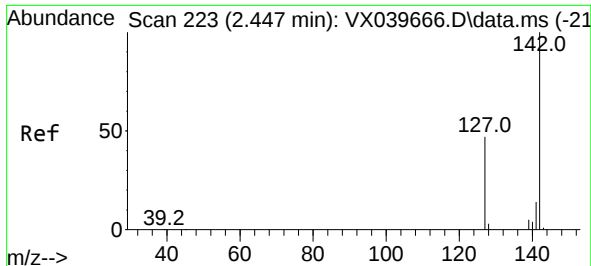
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#10
1,1-Dichloroethene
Concen: 20.053 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

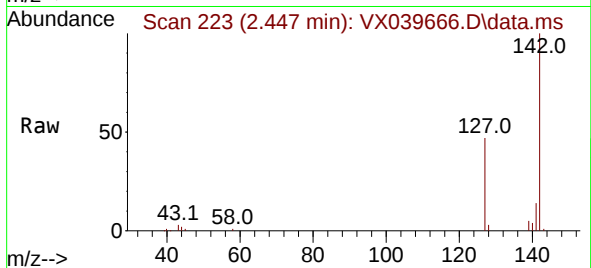
Tgt Ion: 96 Resp: 24768
Ion Ratio Lower Upper
96 100
61 174.6 138.3 207.5
98 64.0 49.8 74.6





#11
Methyl Iodide
Concen: 19.526 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

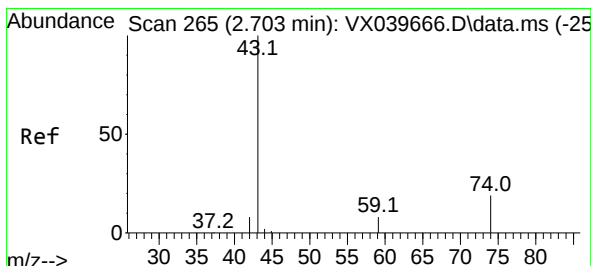
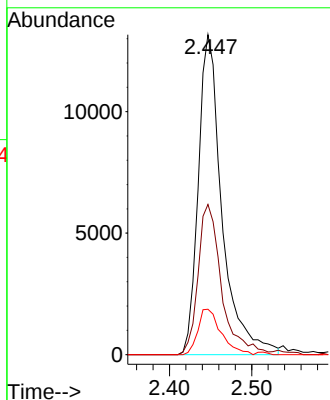
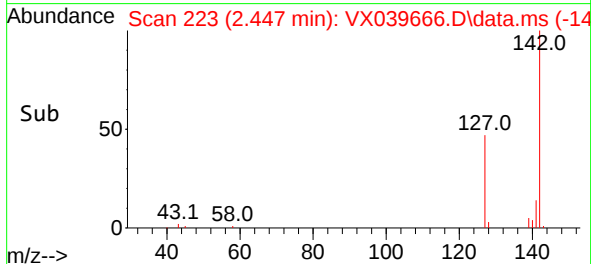
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 26428
Ion Ratio Lower Upper
142 100
127 46.7 23.8 71.4
141 14.4 6.9 20.6

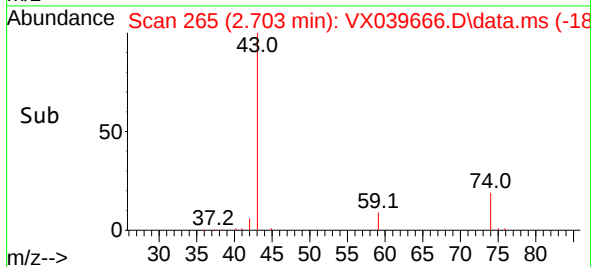
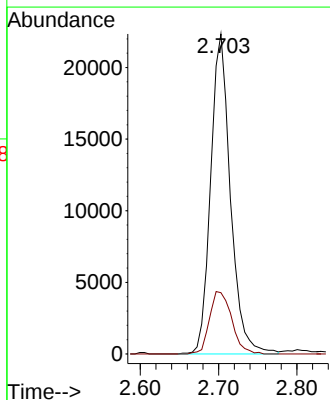
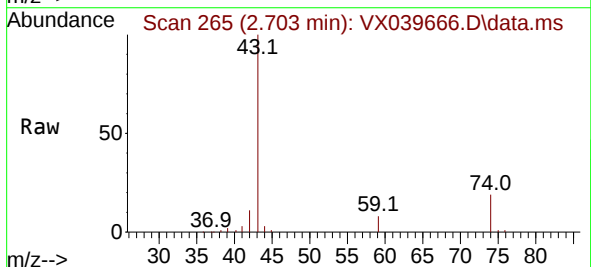
Manual Integrations
APPROVED

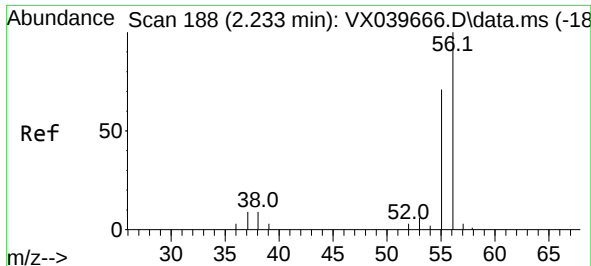
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#12
Methyl Acetate
Concen: 19.717 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

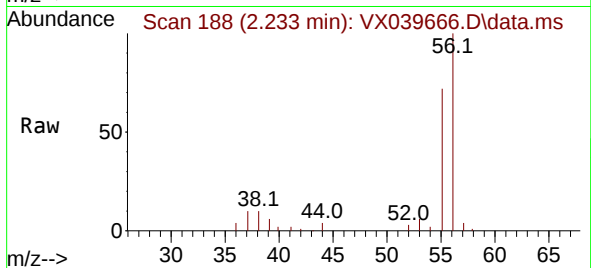
Tgt Ion: 43 Resp: 39221
Ion Ratio Lower Upper
43 100
74 19.2 17.8 26.6





#13
Acrolein
Concen: 87.167 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

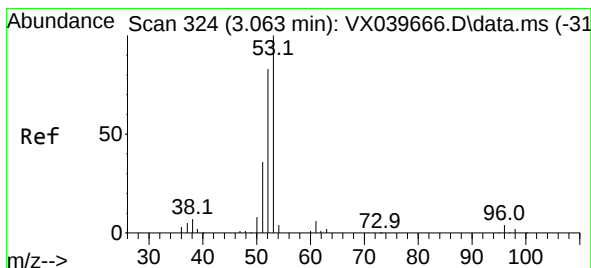
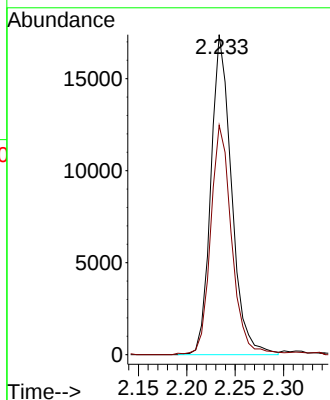
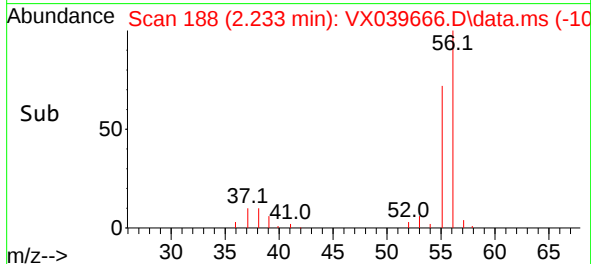
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 2587
Ion Ratio Lower Upper
56 100
55 72.8 57.2 85.8

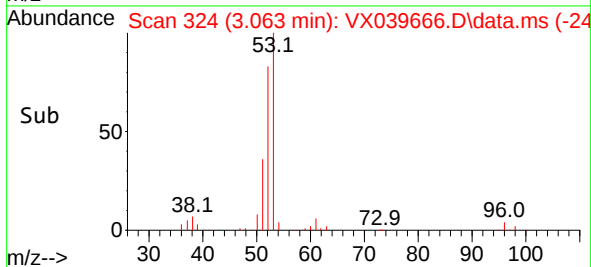
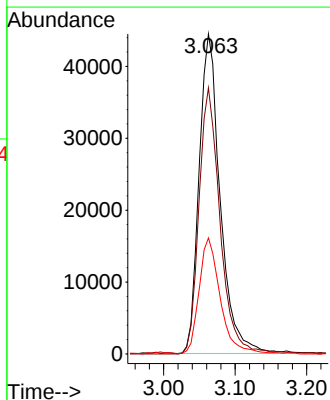
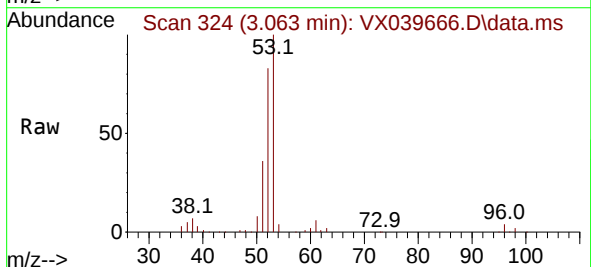
Manual Integrations
APPROVED

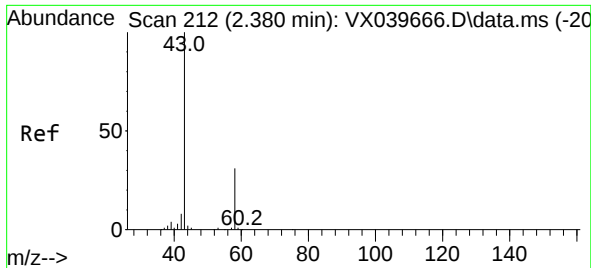
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#14
Acrylonitrile
Concen: 99.937 ug/l
RT: 3.063 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

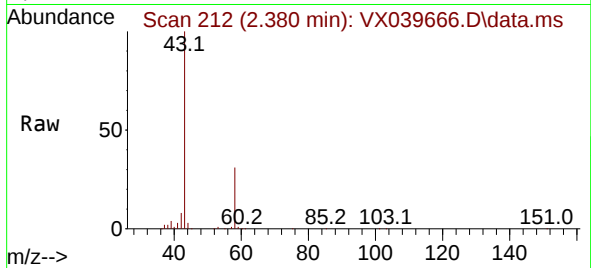
Tgt Ion: 53 Resp: 91165
Ion Ratio Lower Upper
53 100
52 82.9 41.9 125.6
51 36.4 18.3 54.9





#15
Acetone
Concen: 97.874 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

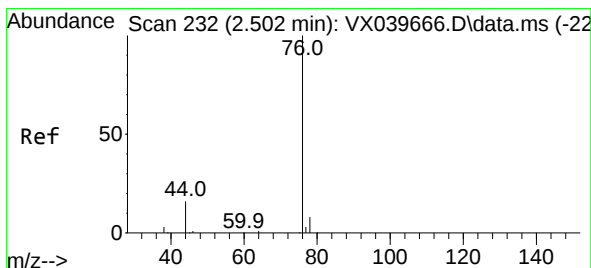
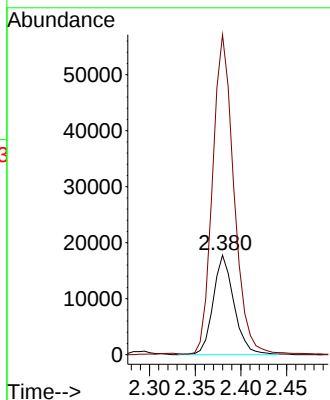
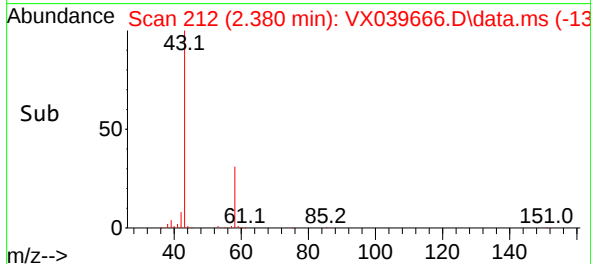
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 28162
Ion Ratio Lower Upper
58 100
43 320.7 249.9 374.9

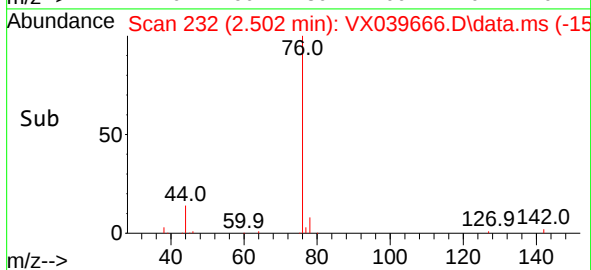
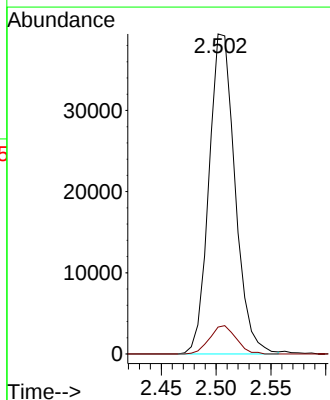
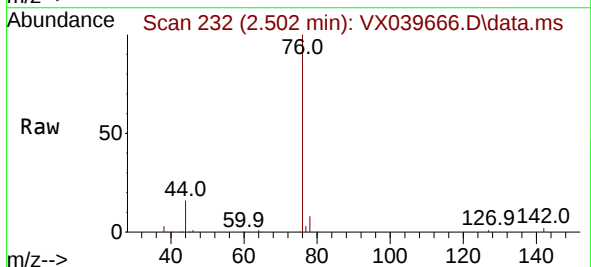
Manual Integrations
APPROVED

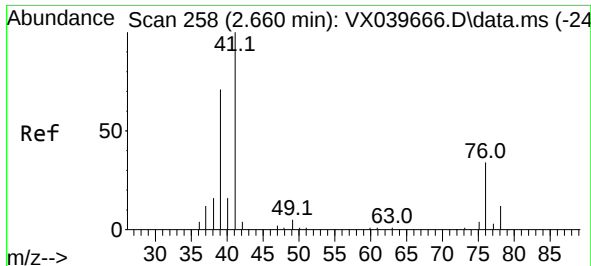
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#16
Carbon Disulfide
Concen: 19.613 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

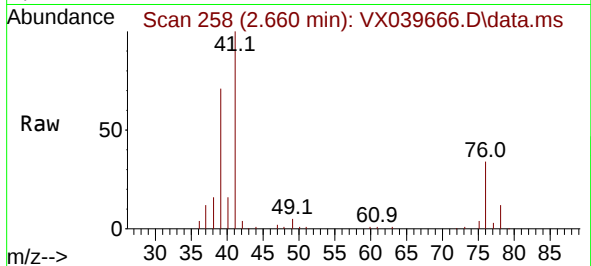
Tgt Ion: 76 Resp: 65310
Ion Ratio Lower Upper
76 100
78 8.4 8.0 12.0





#17
 Allyl chloride
 Concen: 19.584 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX039666.D
 Acq: 08 Jan 2024 17:07

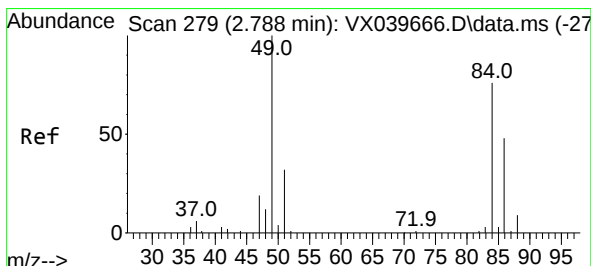
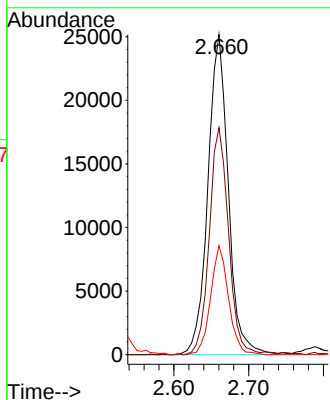
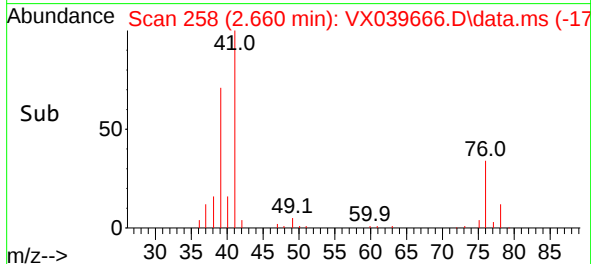
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 4769
 Ion Ratio Lower Upper
 41 100
 39 70.7 36.5 109.5
 76 34.0 19.7 59.0

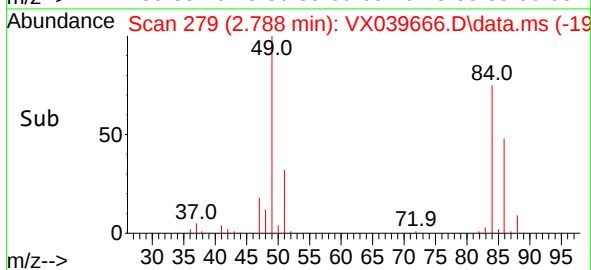
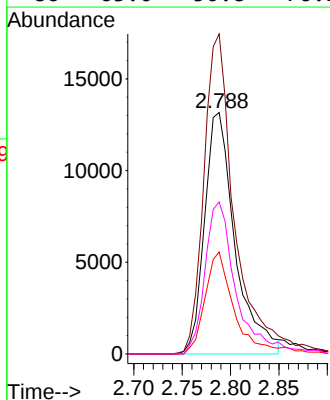
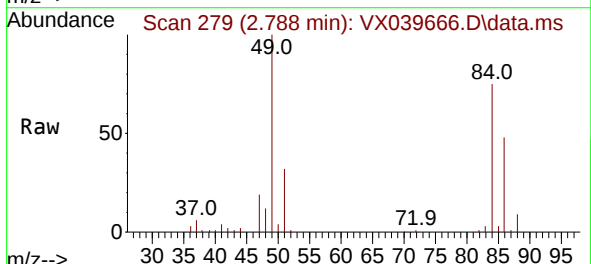
Manual Integrations
 APPROVED

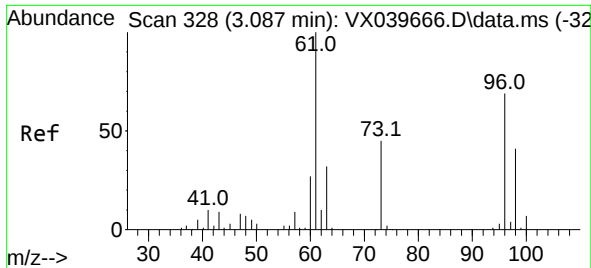
Reviewed By :John Carlone 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024



#18
 Methylene Chloride
 Concen: 20.010 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039666.D
 Acq: 08 Jan 2024 17:07

Tgt Ion: 84 Resp: 28891
 Ion Ratio Lower Upper
 84 100
 49 132.1 103.8 155.8
 51 42.2 31.8 47.6
 86 63.0 50.8 76.2





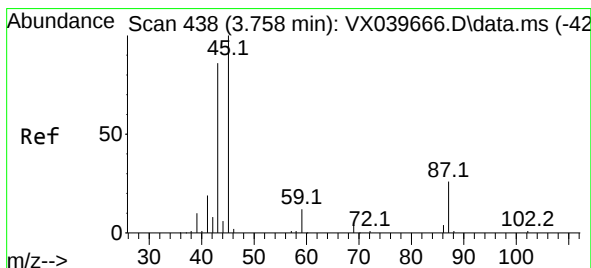
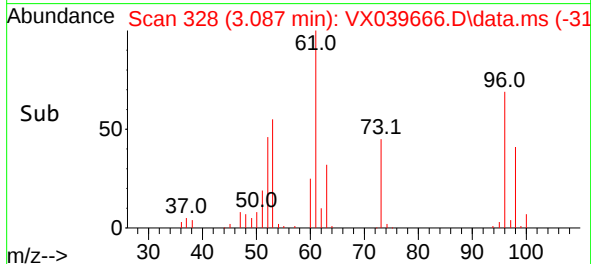
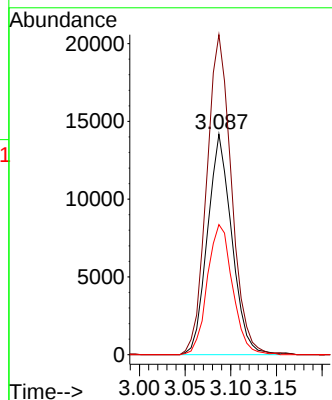
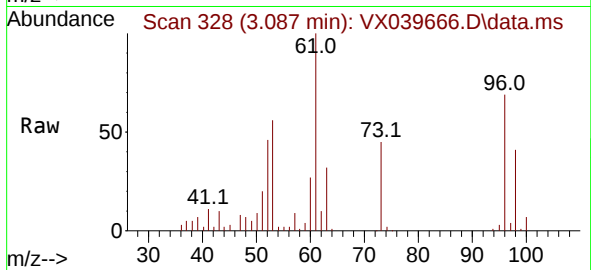
#19
trans-1,2-Dichloroethene
Concen: 20.012 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 96 Resp: 26228
Ion Ratio Lower Upper
96 100
61 145.1 117.9 176.9
98 59.0 51.0 76.6

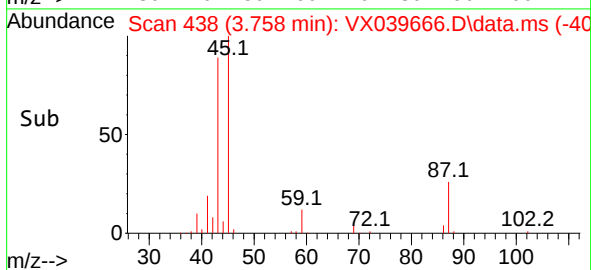
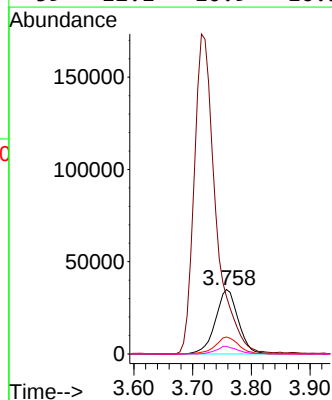
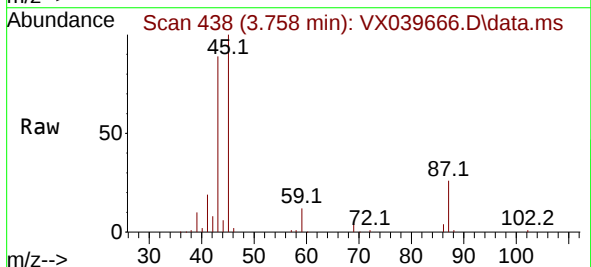
Manual Integrations
APPROVED

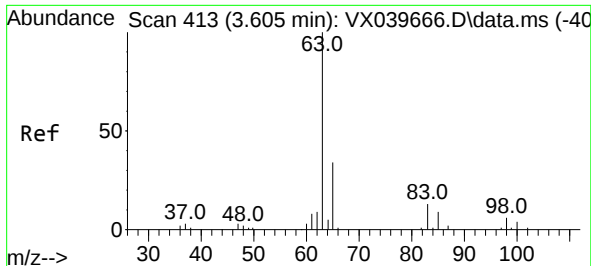
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#20
Diisopropyl ether
Concen: 19.742 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion: 45 Resp: 93853
Ion Ratio Lower Upper
45 100
43 86.6 67.7 101.5
87 26.3 21.5 32.3
59 12.1 10.9 16.3





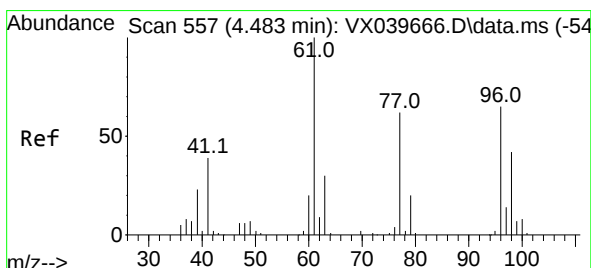
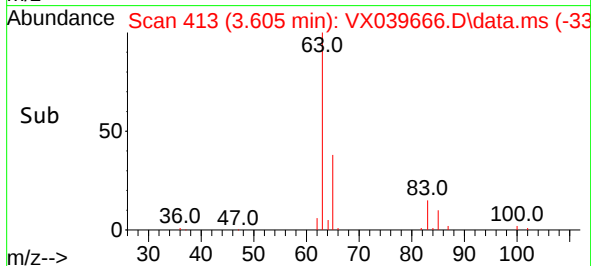
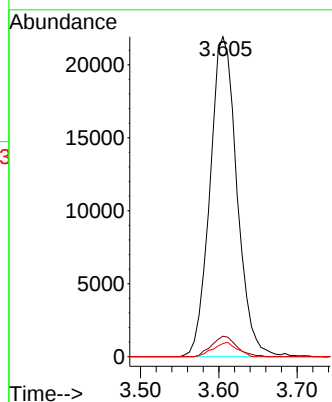
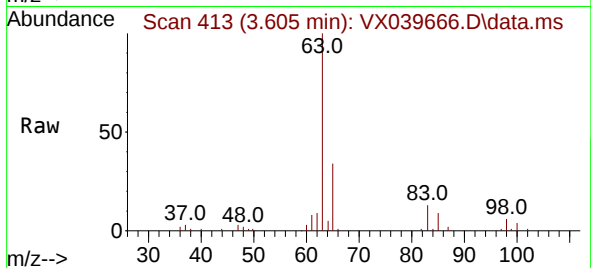
#21
1,1-Dichloroethane
Concen: 19.791 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 52534
Ion Ratio Lower Upper
63 100
98 6.4 2.9 8.8
100 4.1 2.0 5.8

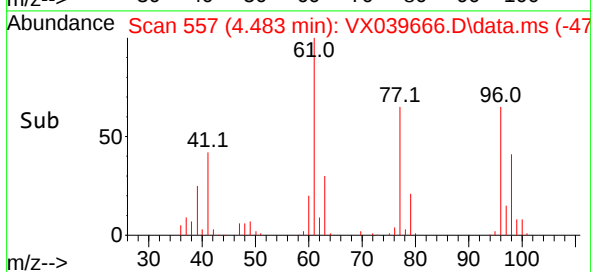
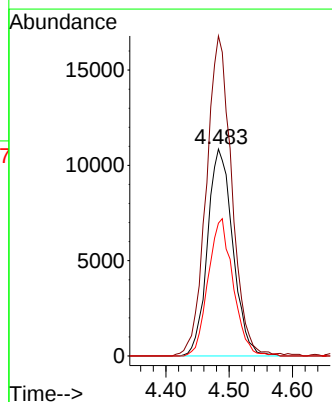
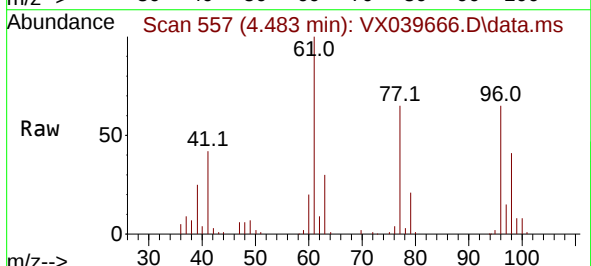
Manual Integrations
APPROVED

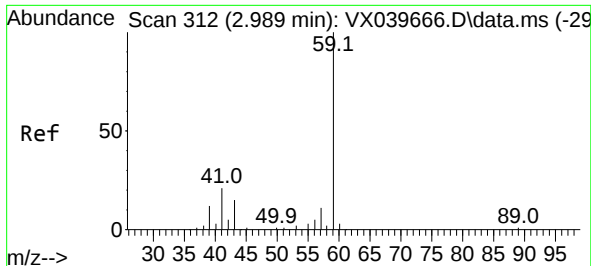
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#22
cis-1,2-Dichloroethene
Concen: 19.745 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

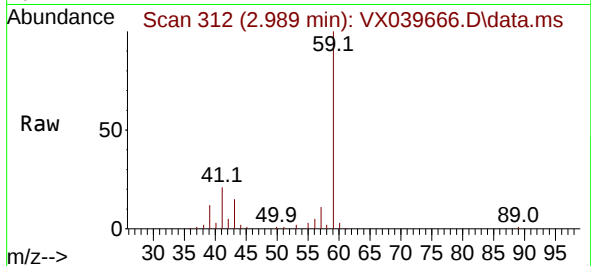
Tgt Ion: 96 Resp: 30249
Ion Ratio Lower Upper
96 100
61 154.4 119.8 179.6
98 64.9 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 104.452 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

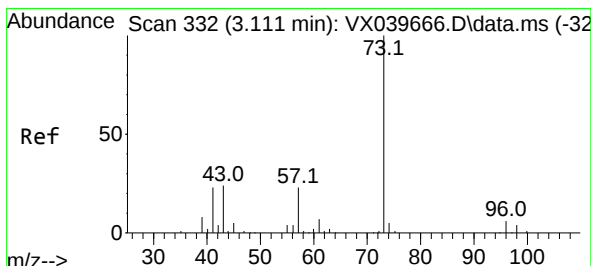
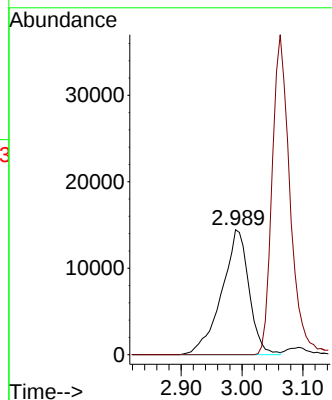
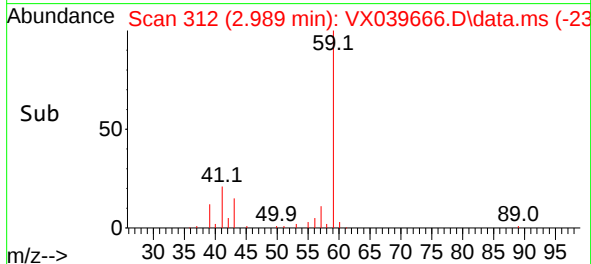
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 4487
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

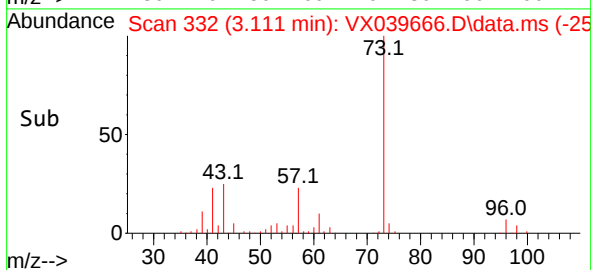
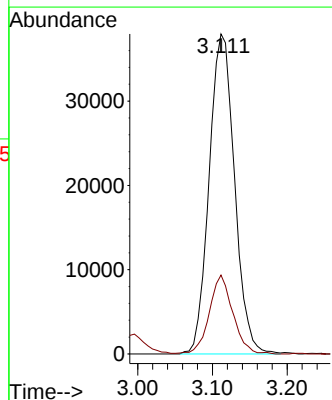
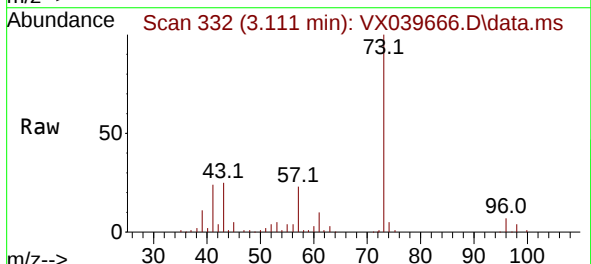
Manual Integrations
APPROVED

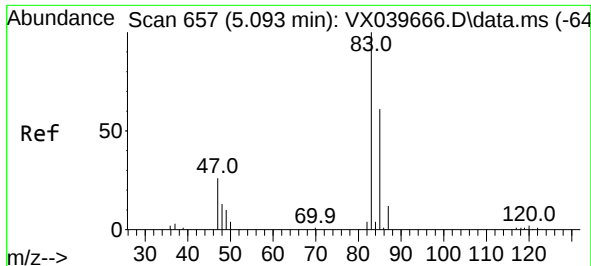
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#24
Methyl tert-Butyl Ether
Concen: 19.800 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion: 73 Resp: 89636
Ion Ratio Lower Upper
73 100
43 22.7 17.0 25.6





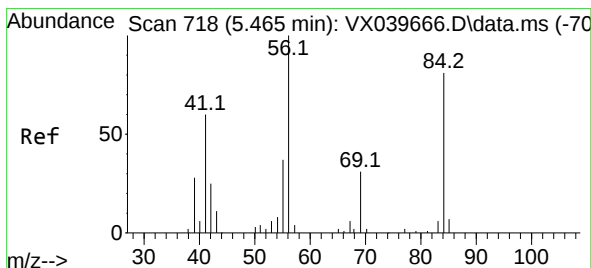
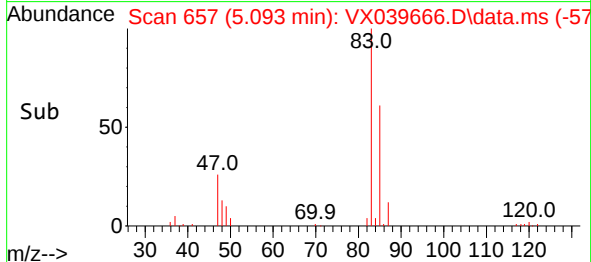
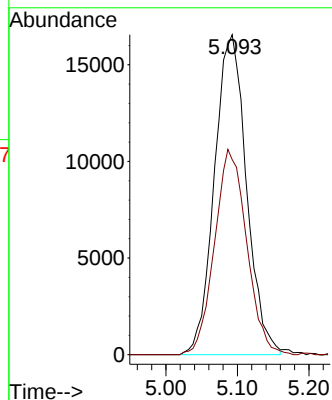
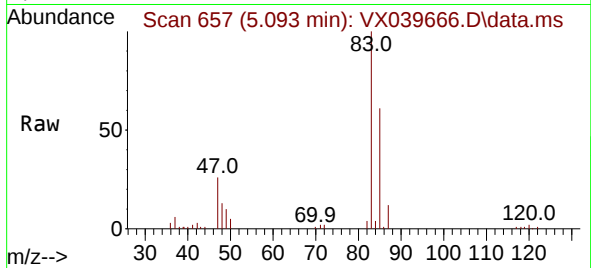
#25
Chloroform
Concen: 19.799 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 5157
Ion Ratio Lower Upper
83 100
85 61.0 54.6 81.8

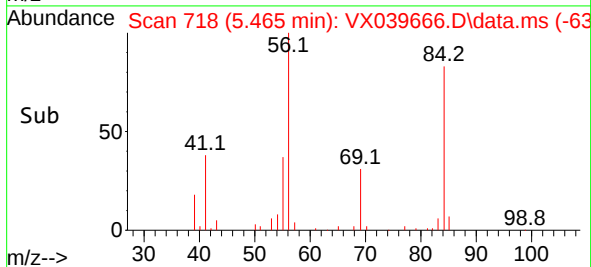
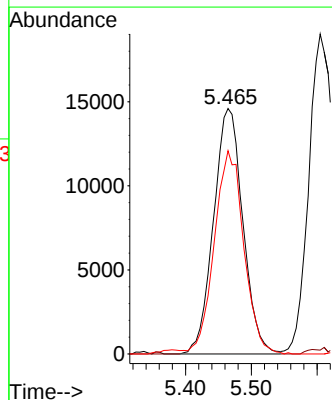
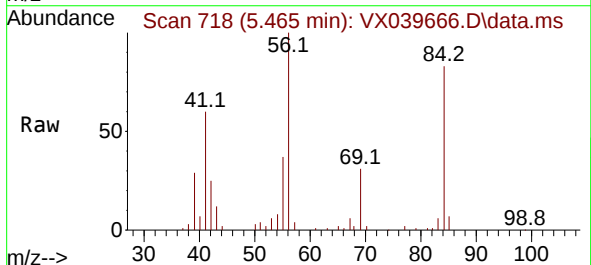
Manual Integrations
APPROVED

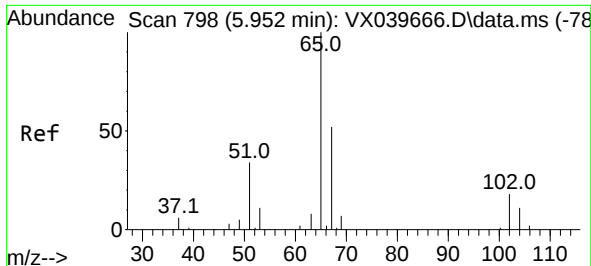
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#26
Cyclohexane
Concen: 19.709 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion: 56 Resp: 45384
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.0 67.2 100.8





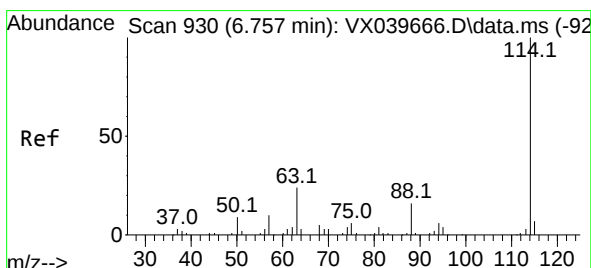
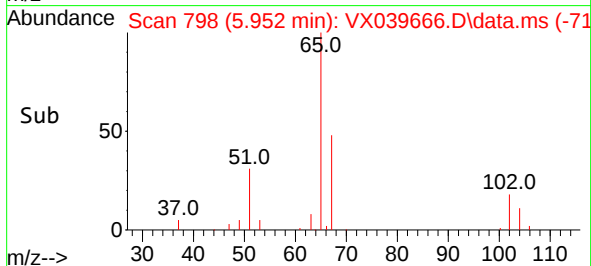
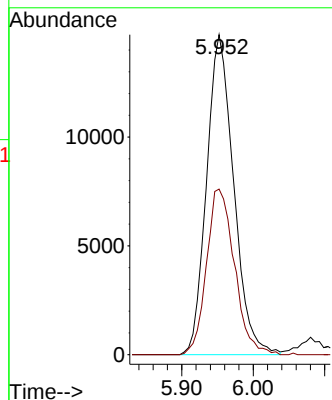
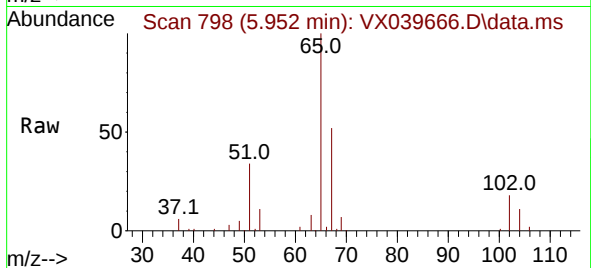
#27
1,2-Dichloroethane-d4
Concen: 30.366 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 3873
Ion Ratio Lower Upper
65 100
67 53.4 42.5 63.7

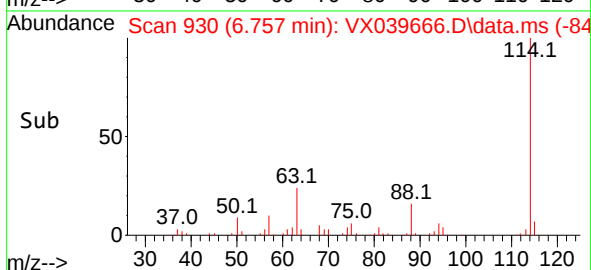
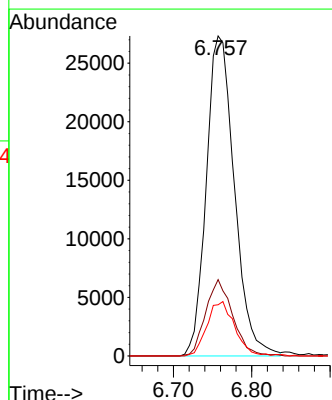
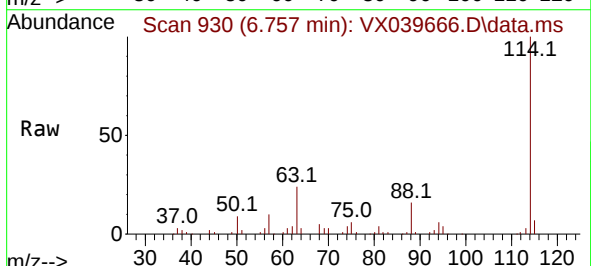
Manual Integrations
APPROVED

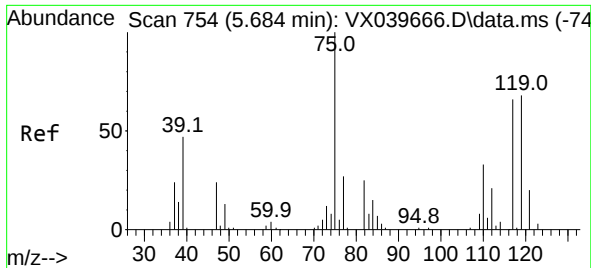
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion:114 Resp: 68149
Ion Ratio Lower Upper
114 100
63 23.0 17.0 25.4
88 16.6 12.7 19.1





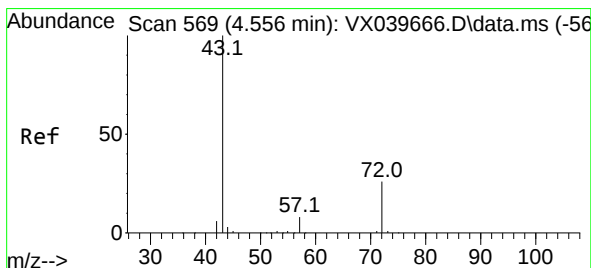
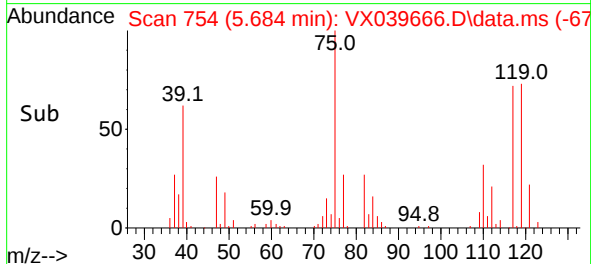
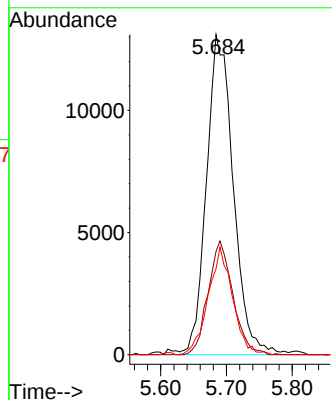
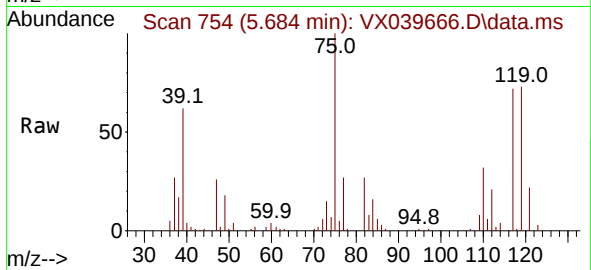
#29
1,1-Dichloropropene
Concen: 18.989 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75	Resp: 3713
Ion Ratio	Lower Upper
75 100	
110 32.8	0.0 71.2
77 30.4	0.0 62.6

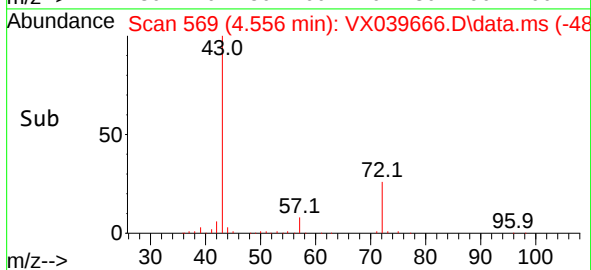
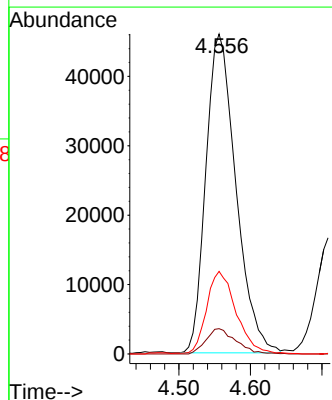
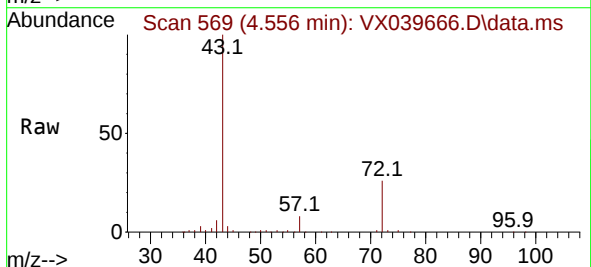
Manual Integrations
APPROVED

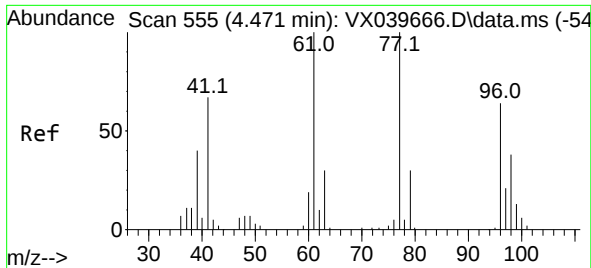
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#30
2-Butanone
Concen: 95.552 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

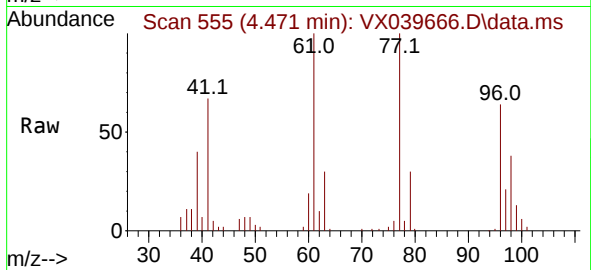
Tgt Ion: 43	Resp: 134027
Ion Ratio	Lower Upper
43 100	
57 7.9	6.6 10.0
72 25.3	20.6 31.0





#31
2,2-Dichloropropane
Concen: 18.640 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

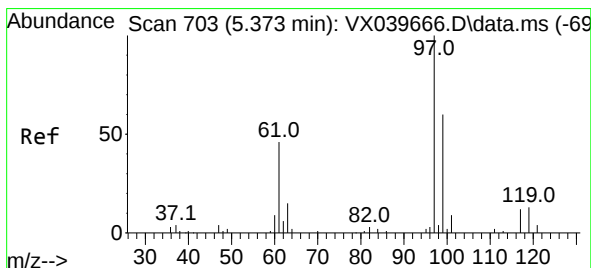
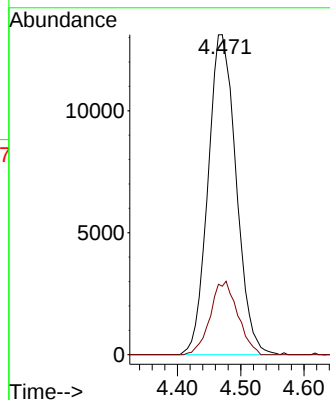
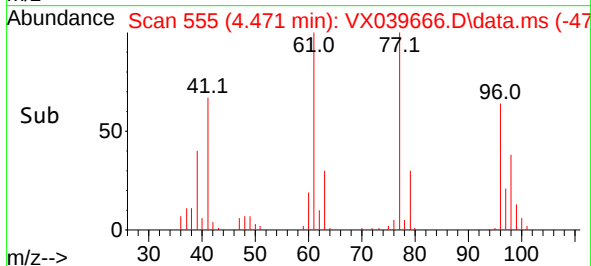
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 77 Resp: 40530
Ion Ratio Lower Upper
77 100
97 22.4 18.2 27.4

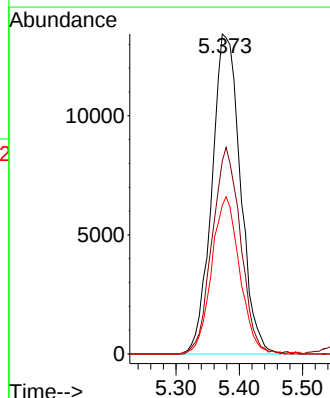
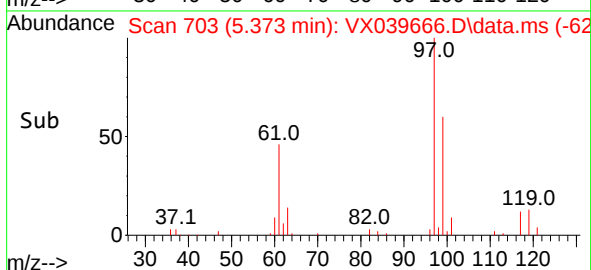
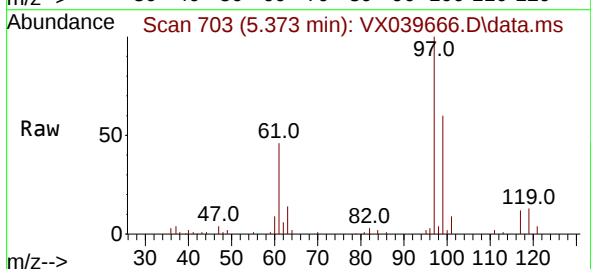
Manual Integrations
APPROVED

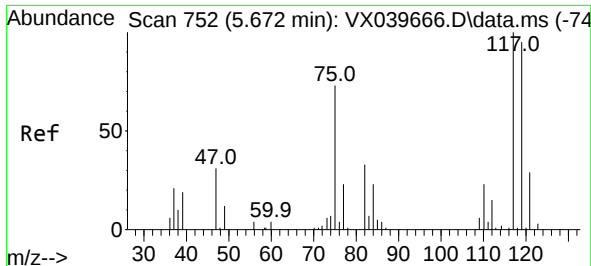
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#32
1,1,1-Trichloroethane
Concen: 18.648 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

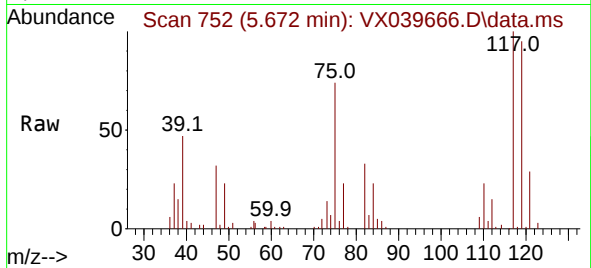
Tgt Ion: 97 Resp: 42149
Ion Ratio Lower Upper
97 100
99 63.9 52.6 79.0
61 48.2 36.9 55.3





#33
Carbon Tetrachloride
Concen: 18.472 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

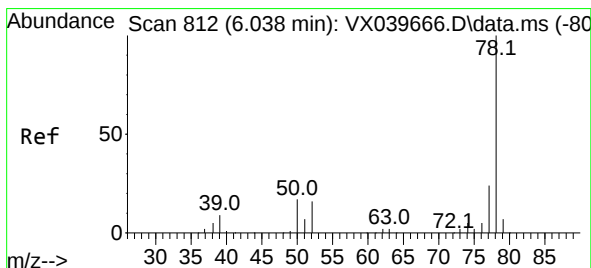
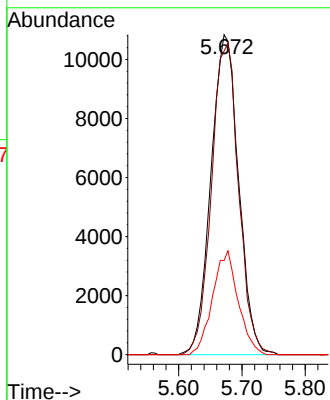
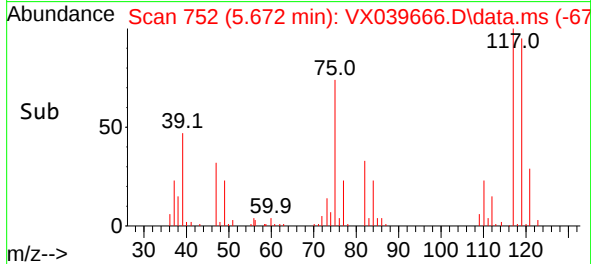
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 32915
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.4
121 29.5 24.7 37.1

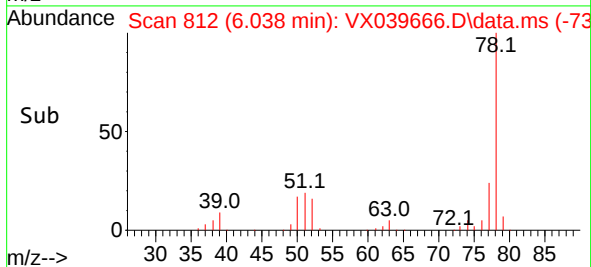
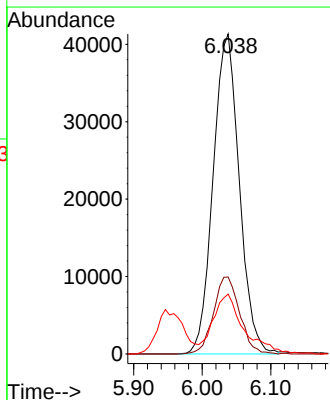
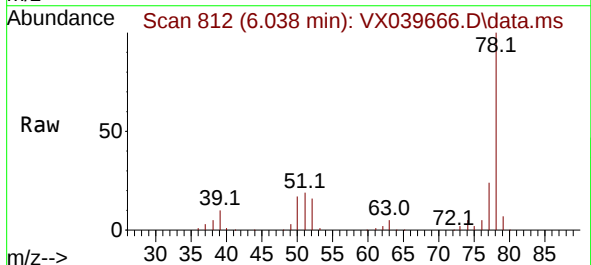
Manual Integrations
APPROVED

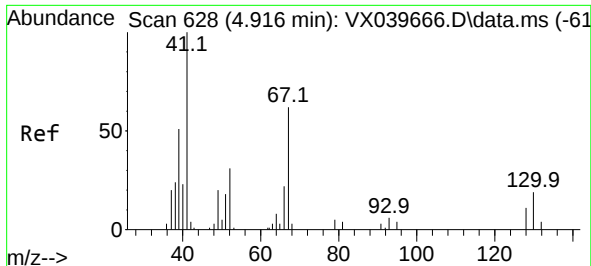
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#34
Benzene
Concen: 18.864 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

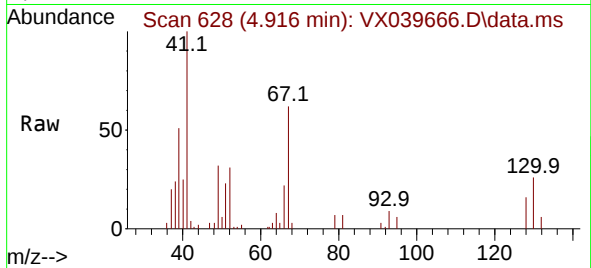
Tgt Ion: 78 Resp: 109440
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9
51 17.2 14.4 21.6





#35
Methacrylonitrile
Concen: 18.876 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

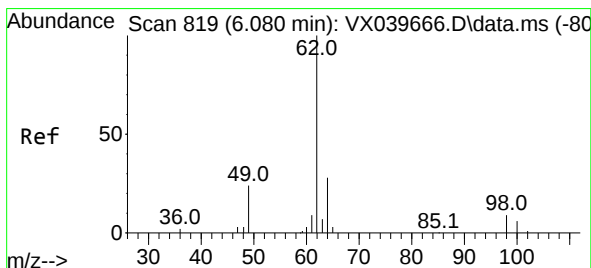
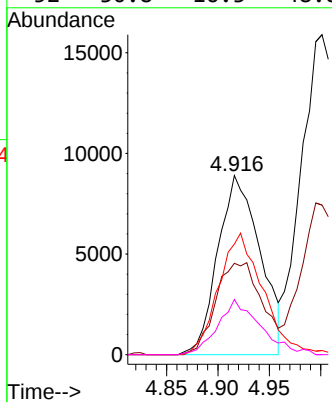
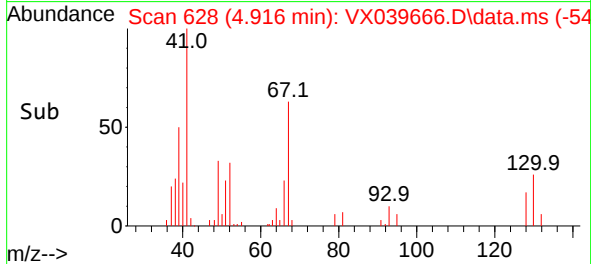
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 25470
Ion Ratio Lower Upper
41 100
39 51.0 28.2 84.7
67 61.7 34.5 103.5
52 30.8 16.3 48.8

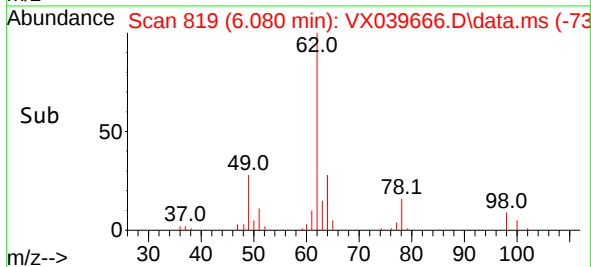
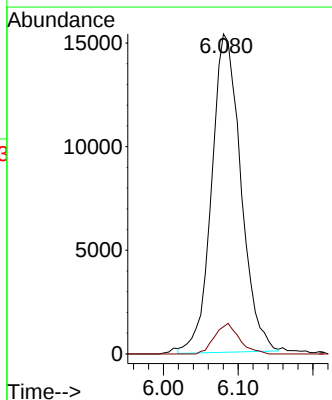
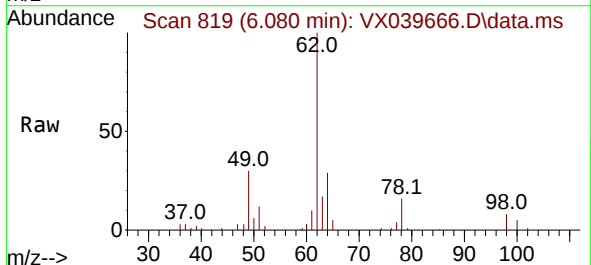
Manual Integrations
APPROVED

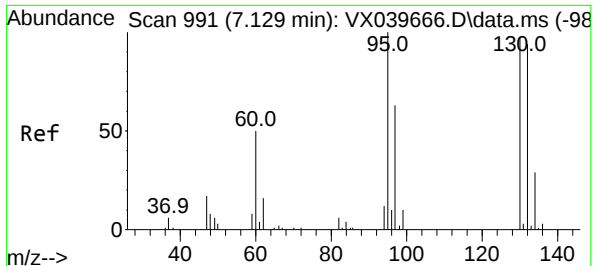
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#36
1,2-Dichloroethane
Concen: 18.372 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

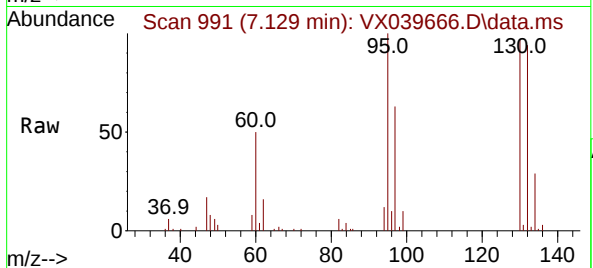
Tgt Ion: 62 Resp: 41796
Ion Ratio Lower Upper
62 100
98 8.1 7.0 10.4





#37
Trichloroethene
Concen: 18.787 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

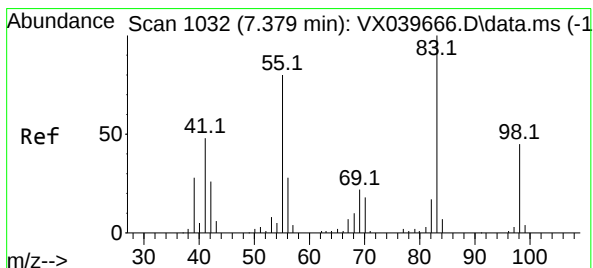
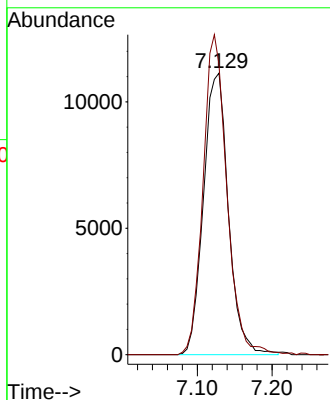
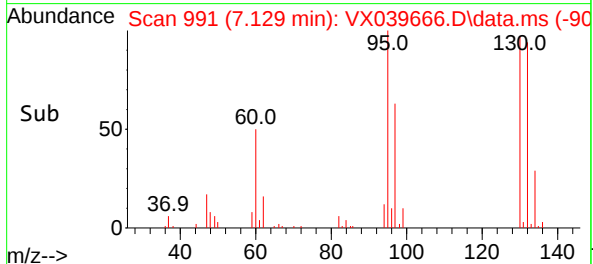
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:130 Resp: 25890
Ion Ratio Lower Upper
130 100
95 103.0 85.8 128.8

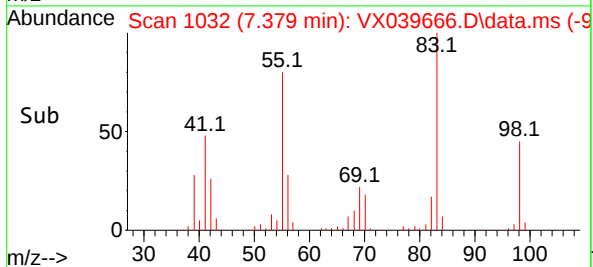
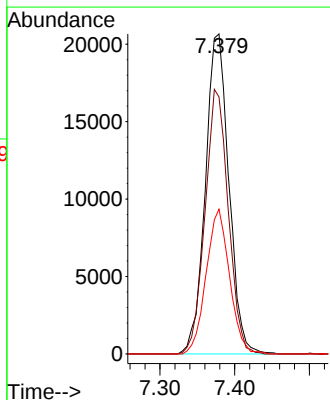
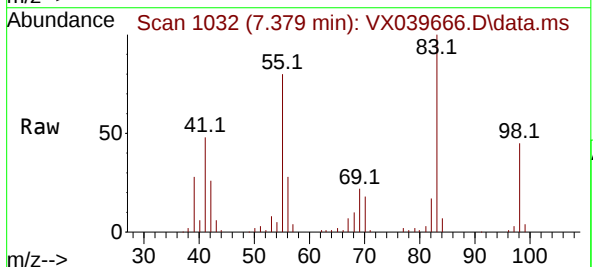
Manual Integrations
APPROVED

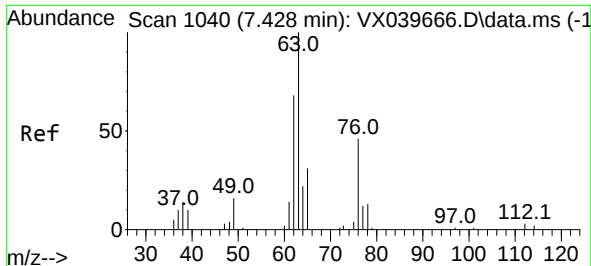
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#38
Methylcyclohexane
Concen: 18.909 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion: 83 Resp: 45243
Ion Ratio Lower Upper
83 100
55 81.5 38.6 116.0
98 44.7 22.3 66.8





#39

1,2-Dichloropropane

Concen: 18.491 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 2890

Ion Ratio Lower Upper

63 100

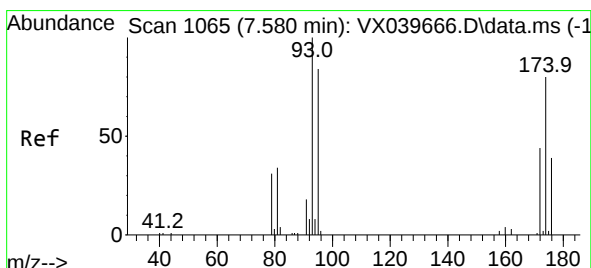
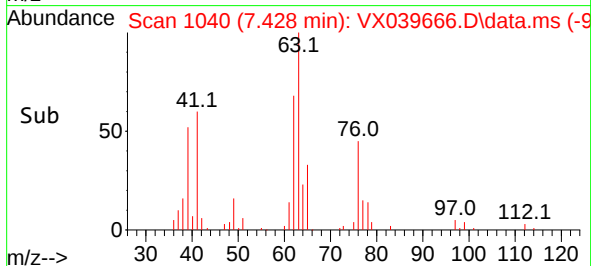
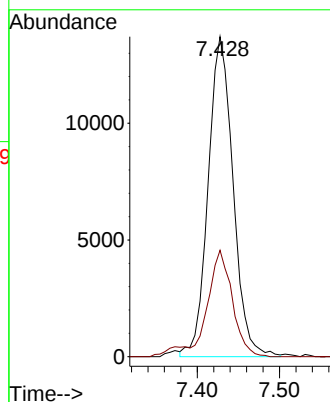
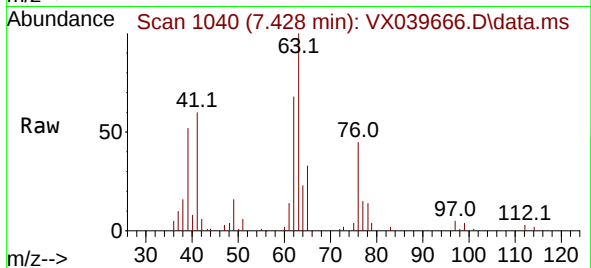
65 33.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#40

Dibromomethane

Concen: 18.602 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

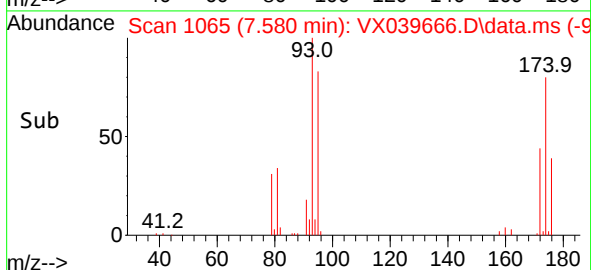
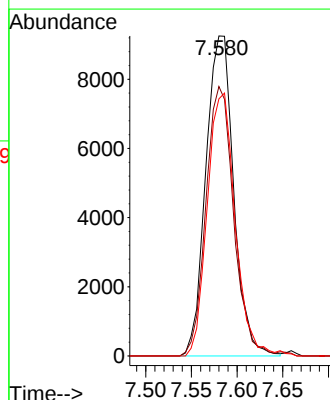
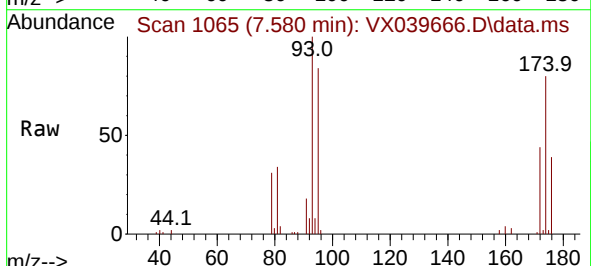
Tgt Ion: 93 Resp: 19642

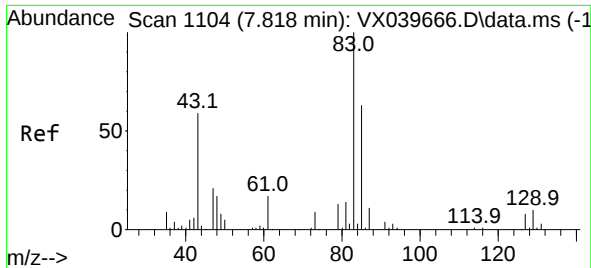
Ion Ratio Lower Upper

93 100

95 83.6 0.0 163.4

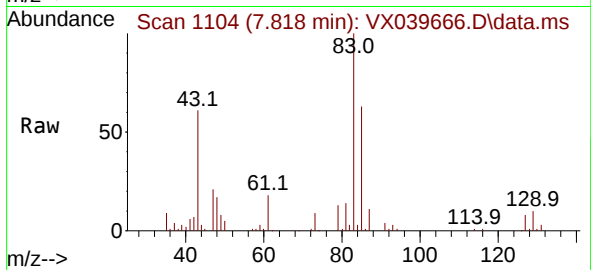
174 81.8 0.0 166.4





#41
Bromodichloromethane
Concen: 18.432 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

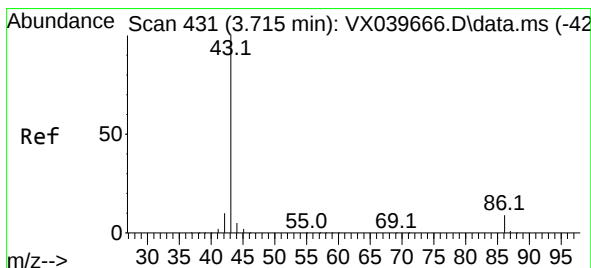
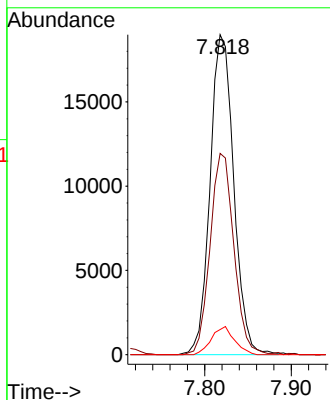
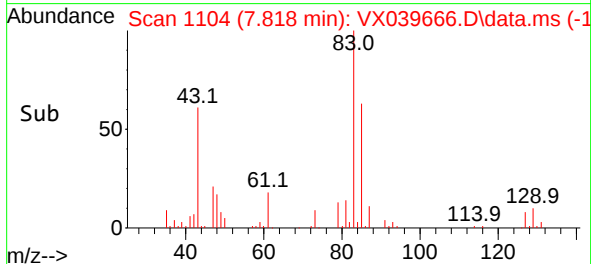
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 36064
Ion Ratio Lower Upper
83 100
85 62.9 50.8 76.2
127 7.9 5.9 8.9

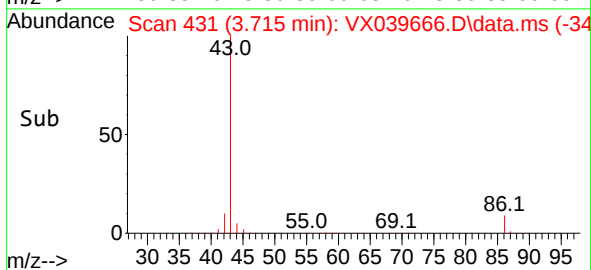
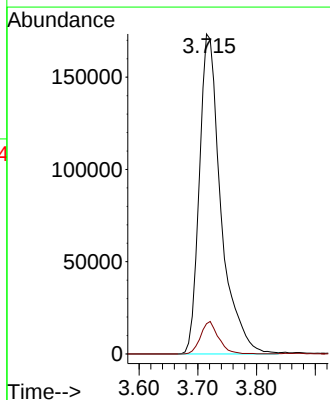
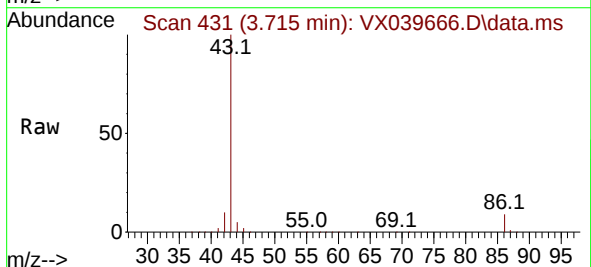
Manual Integrations
APPROVED

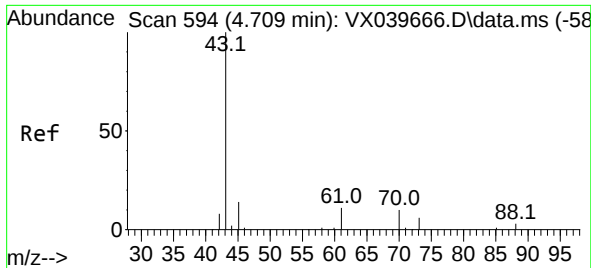
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#42
Vinyl Acetate
Concen: 95.393 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion: 43 Resp: 442406
Ion Ratio Lower Upper
43 100
86 8.4 6.7 10.1





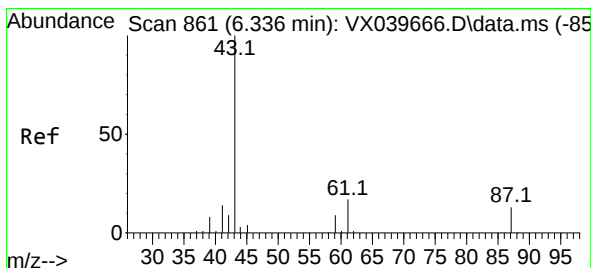
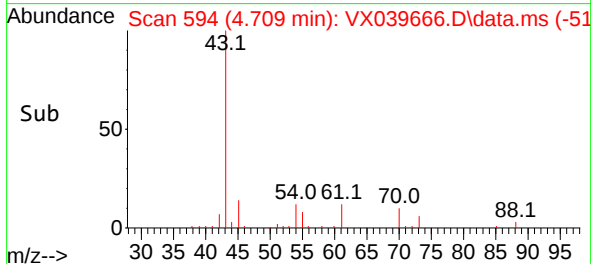
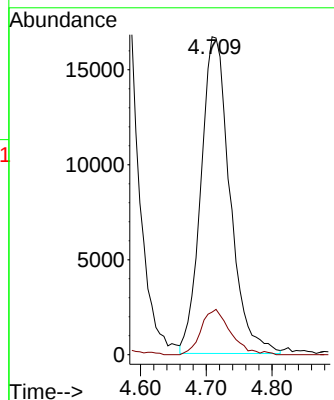
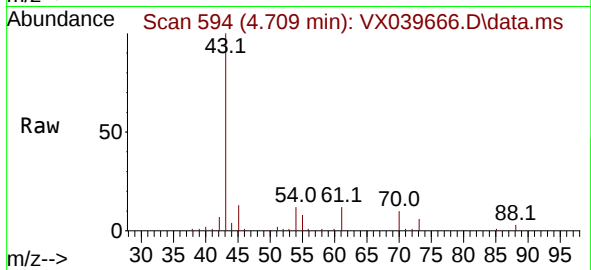
#43
Ethyl Acetate
Concen: 19.458 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 51150
Ion Ratio Lower Upper
43 100
45 14.0 11.8 17.8

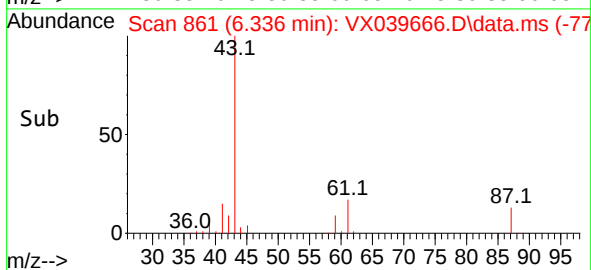
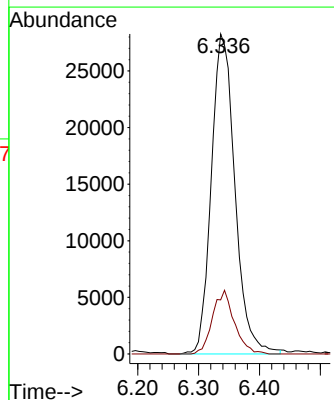
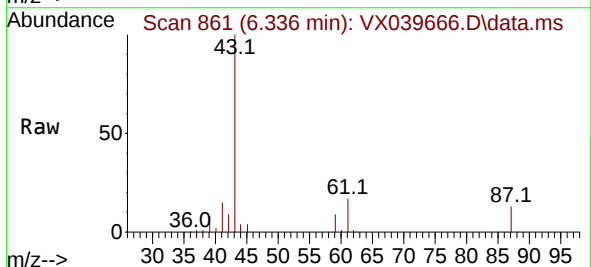
Manual Integrations
APPROVED

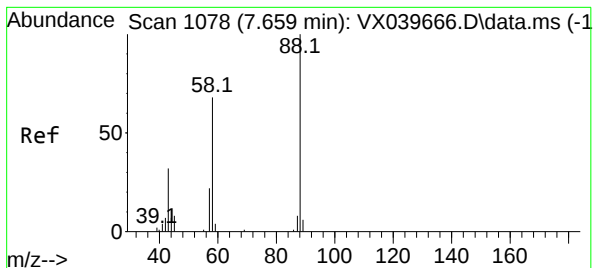
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#44
Isopropyl Acetate
Concen: 18.730 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion: 43 Resp: 76124
Ion Ratio Lower Upper
43 100
61 18.1 15.6 23.4





#45

1,4-Dioxane

Concen: 380.505 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 88 Resp: 14910

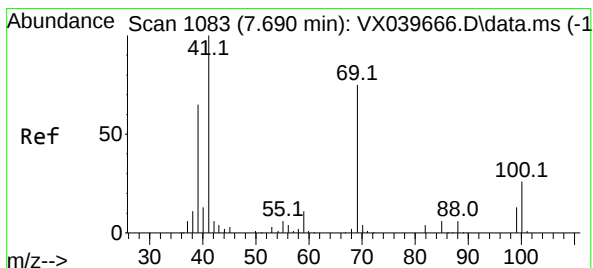
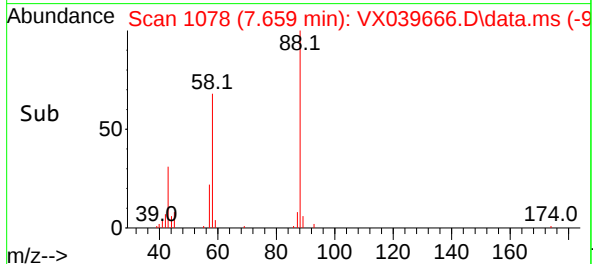
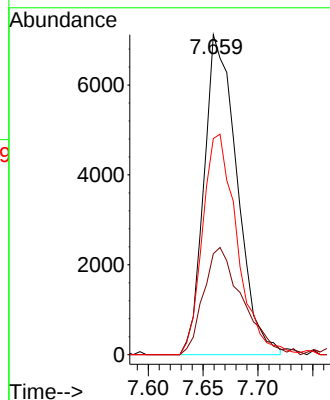
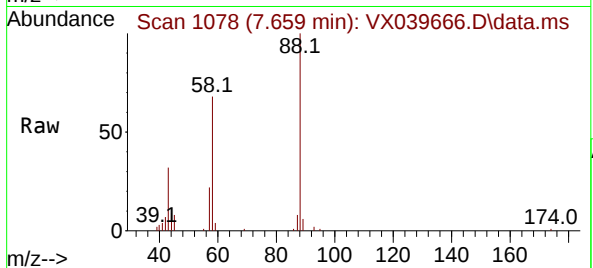
Ion	Ratio	Lower	Upper
88	100		
43	39.3	28.1	42.1
58	72.2	57.7	86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#46

Methyl methacrylate

Concen: 19.156 ug/l

RT: 7.690 min Scan# 1083

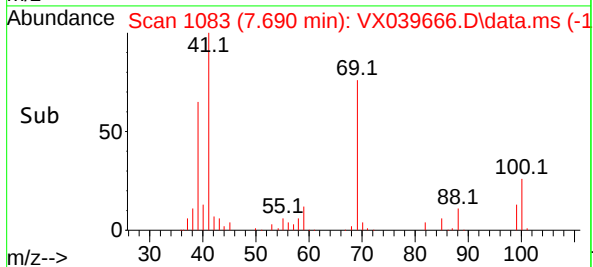
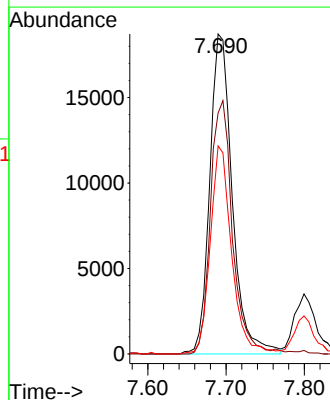
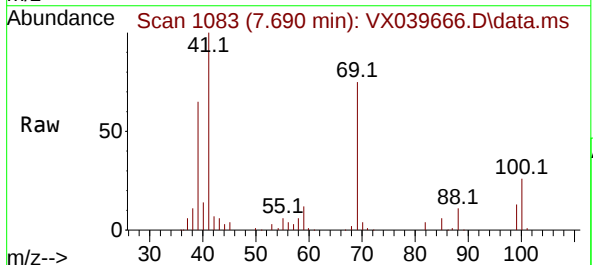
Delta R.T. -0.000 min

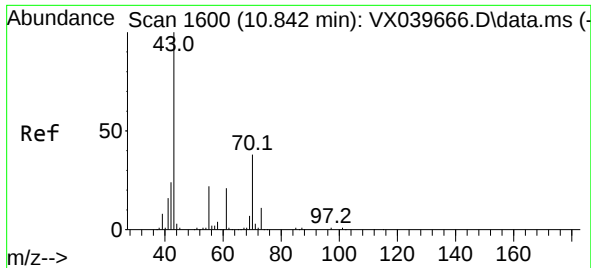
Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Tgt Ion: 41 Resp: 37392

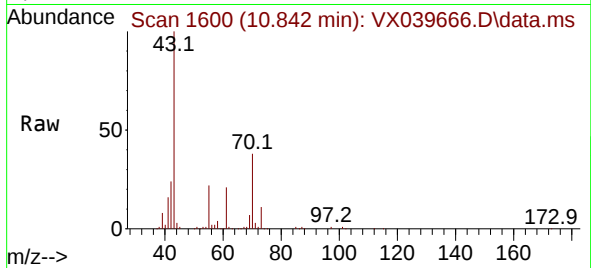
Ion	Ratio	Lower	Upper
41	100		
69	75.3	39.6	118.8
39	65.0	30.1	90.3





#47
n-amy1 Acetate
Concen: 18.989 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

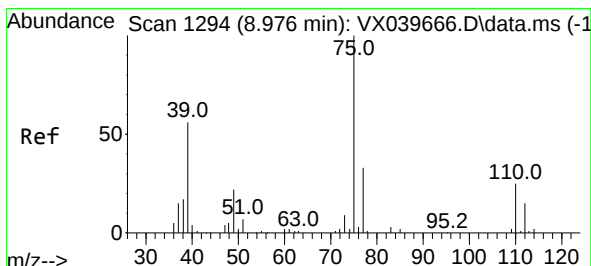
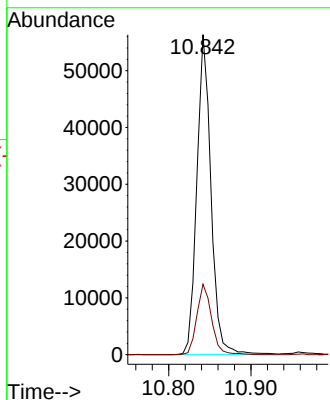
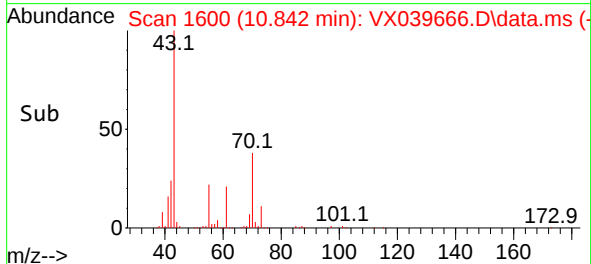
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 67402
Ion Ratio Lower Upper
43 100
55 22.9 18.2 27.2

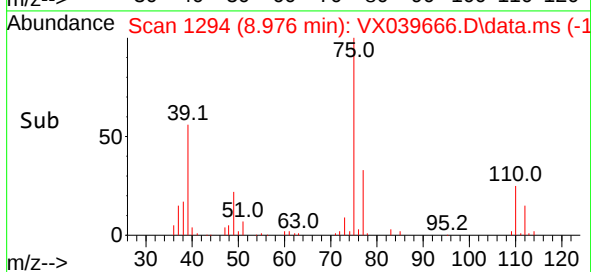
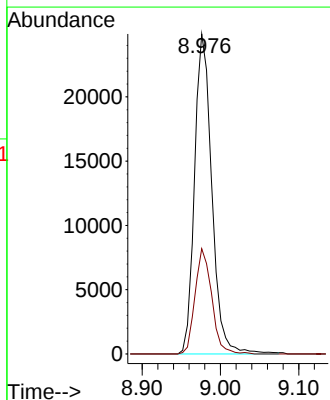
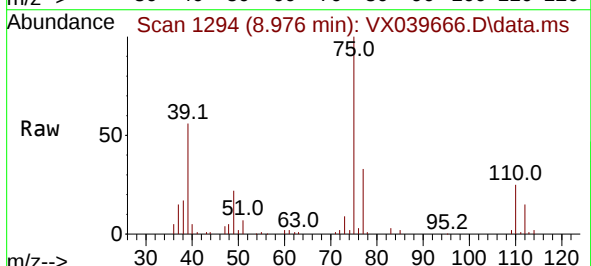
Manual Integrations
APPROVED

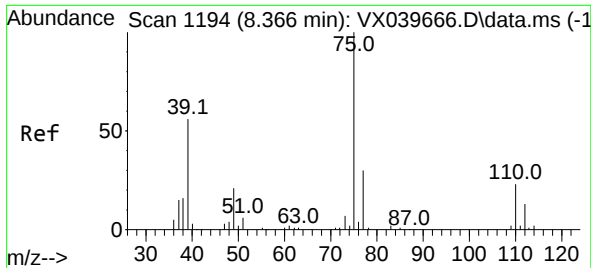
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#48
t-1,3-Dichloropropene
Concen: 18.179 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

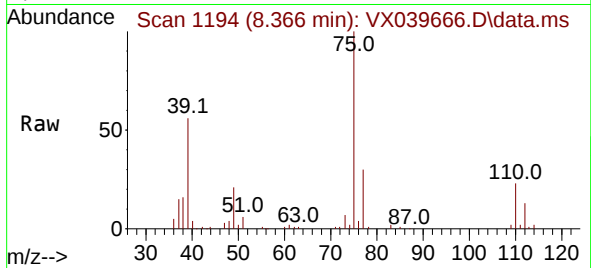
Tgt Ion: 75 Resp: 38282
Ion Ratio Lower Upper
75 100
77 32.9 26.8 40.2





#49
 cis-1,3-Dichloropropene
 Concen: 18.514 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039666.D
 Acq: 08 Jan 2024 17:07

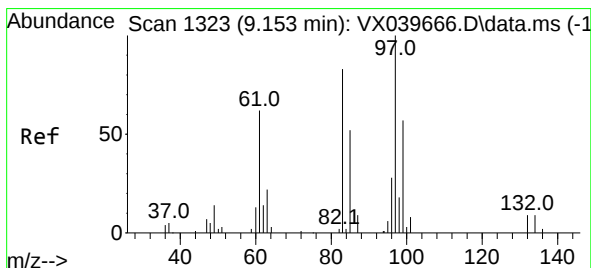
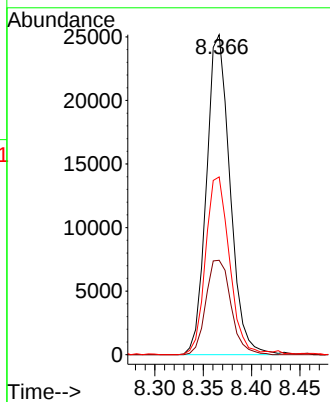
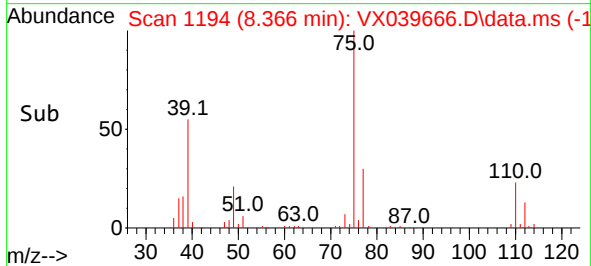
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 42699
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.4 36.6
 39 55.5 40.6 60.8

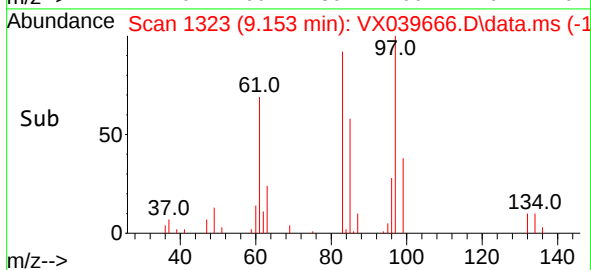
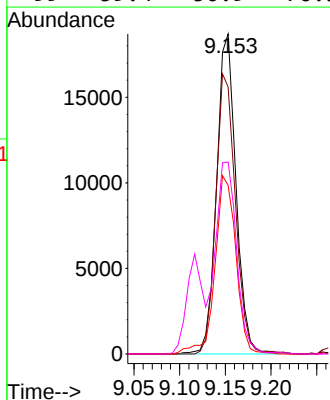
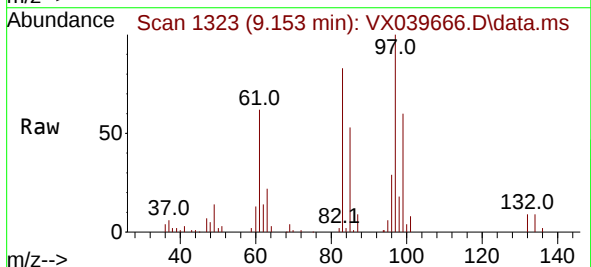
Manual Integrations
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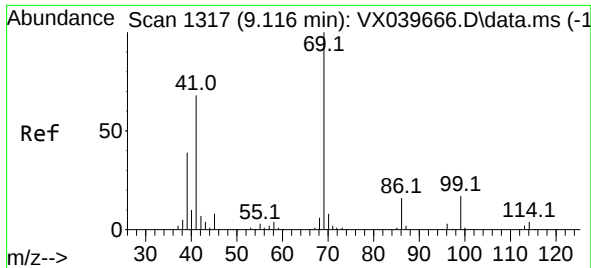
Reviewed By :John Carlone 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024



#50
 1,1,2-Trichloroethane
 Concen: 19.074 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX039666.D
 Acq: 08 Jan 2024 17:07

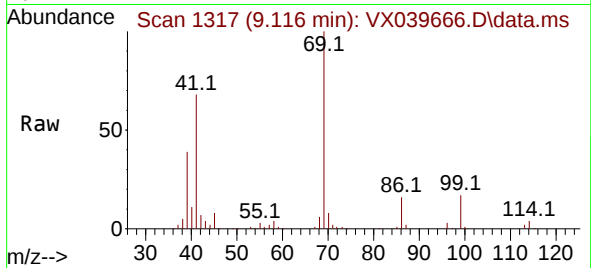
Tgt Ion: 97 Resp: 27608
 Ion Ratio Lower Upper
 97 100
 83 83.5 69.0 103.6
 85 52.7 46.3 69.5
 99 59.4 50.9 76.3





#51
Ethyl methacrylate
Concen: 18.971 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

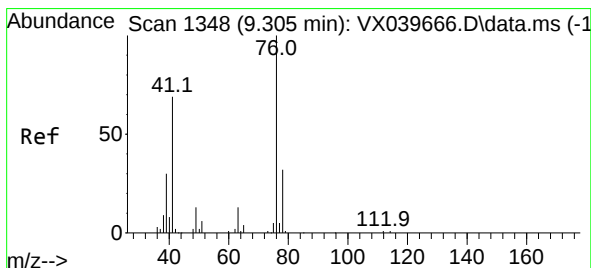
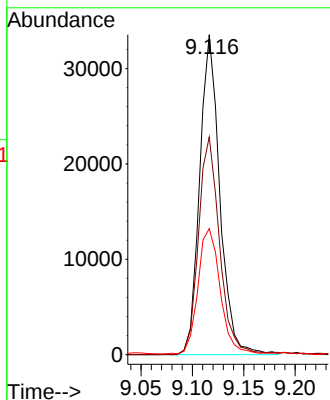
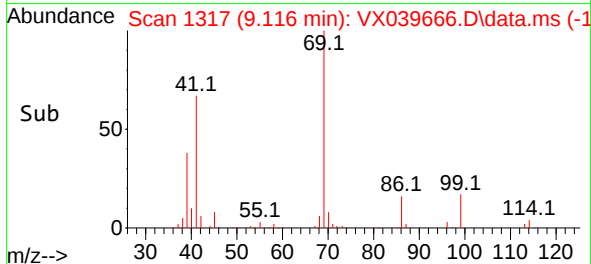
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 45869
Ion Ratio Lower Upper
69 100
41 67.8 36.2 108.6
39 39.2 21.1 63.4

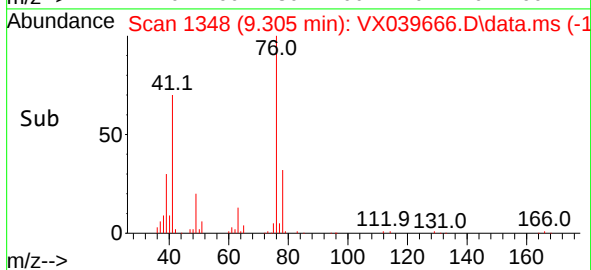
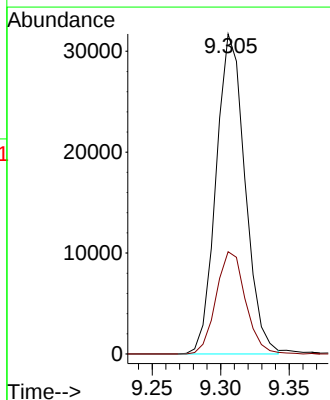
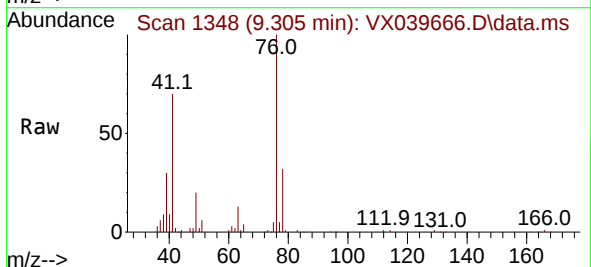
Manual Integrations
APPROVED

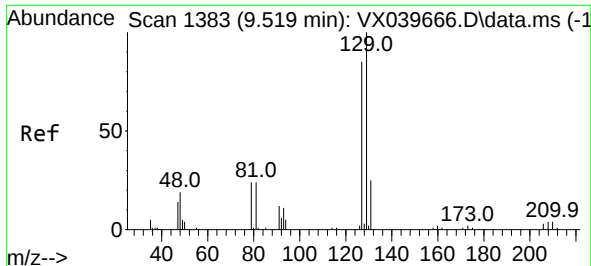
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#52
1,3-Dichloropropane
Concen: 18.667 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

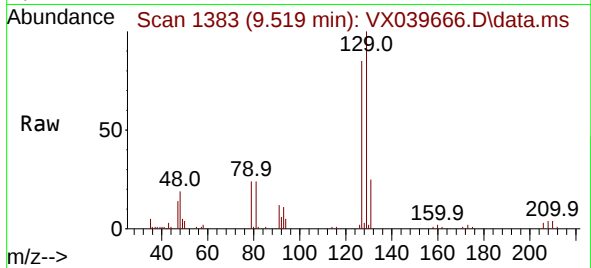
Tgt Ion: 76 Resp: 46623
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.0





#53
Dibromochloromethane
Concen: 18.461 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

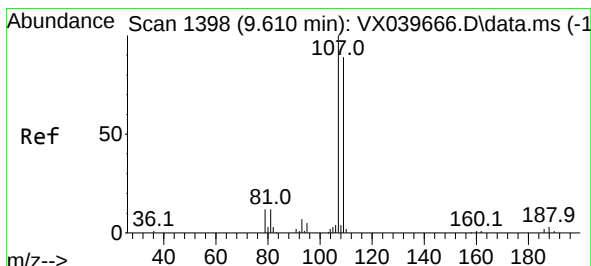
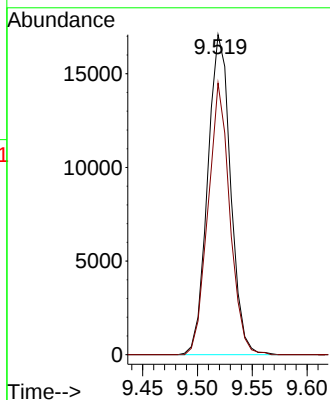
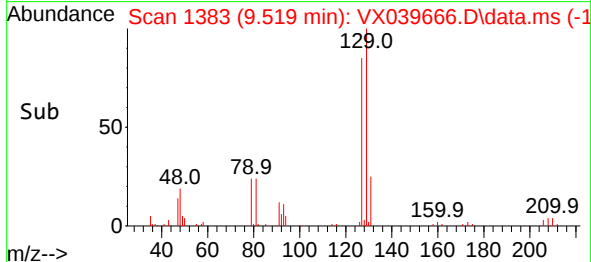
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:129 Resp: 2486
Ion Ratio Lower Upper
129 100
127 80.4 38.3 114.9

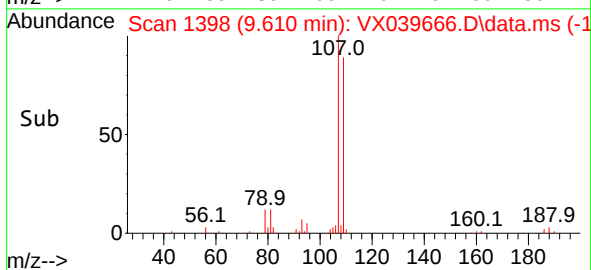
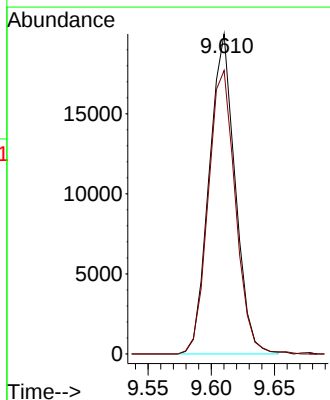
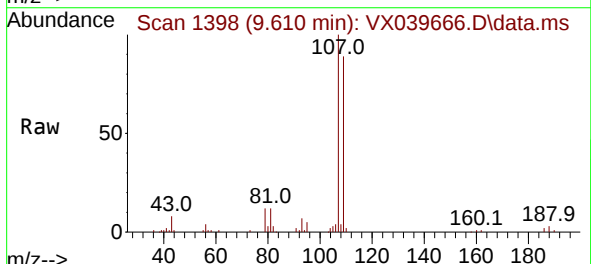
Manual Integrations
APPROVED

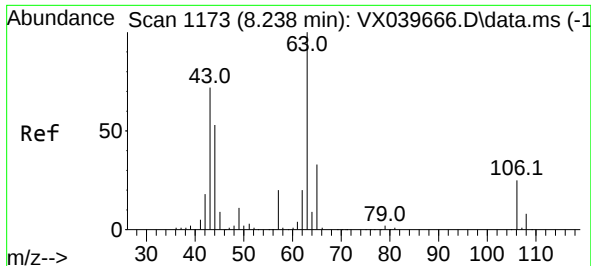
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#54
1,2-Dibromoethane
Concen: 18.844 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion:107 Resp: 28584
Ion Ratio Lower Upper
107 100
109 92.4 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 94.069 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 11067

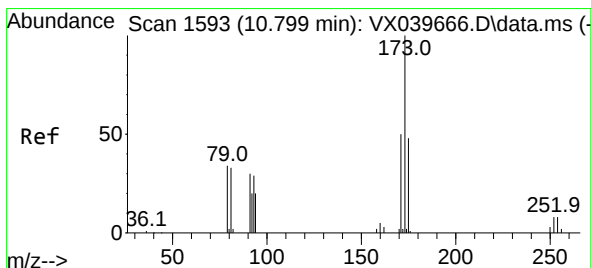
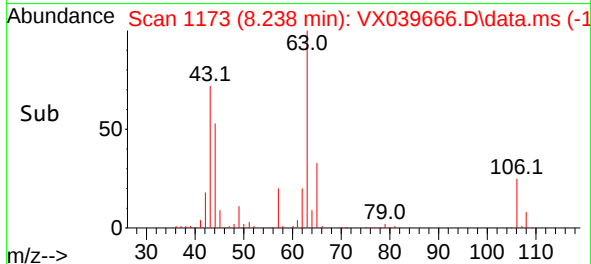
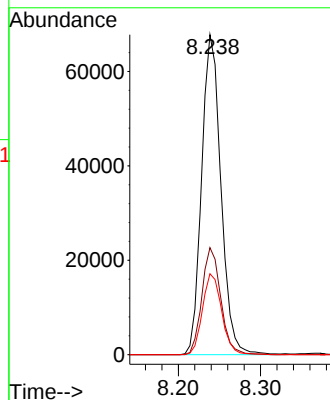
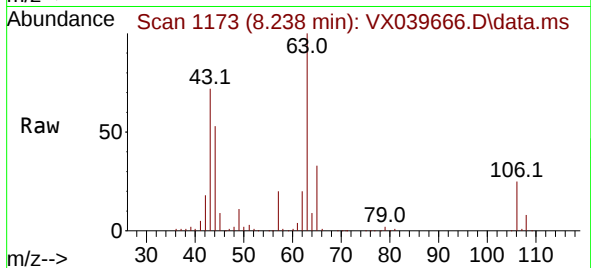
Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.8	38.6
106	25.1	20.6	31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#56

Bromoform

Concen: 17.994 ug/l

RT: 10.799 min Scan# 1593

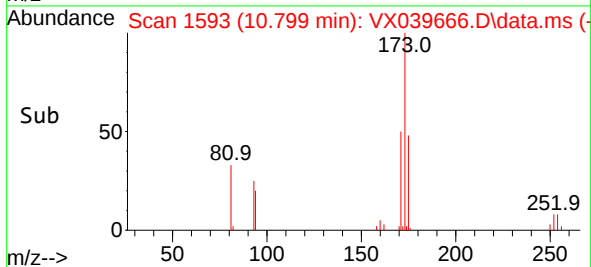
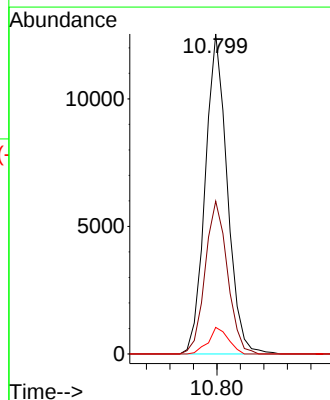
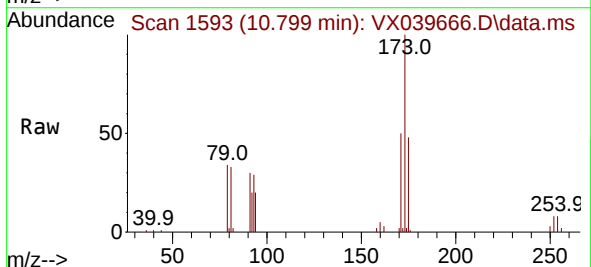
Delta R.T. -0.000 min

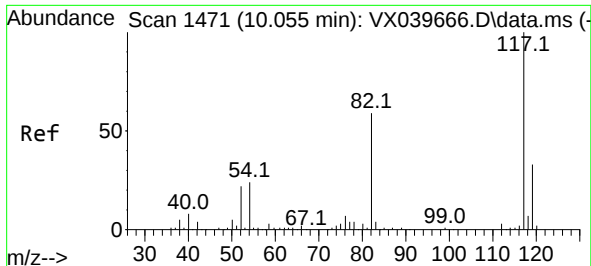
Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Tgt Ion:173 Resp: 16325

Ion	Ratio	Lower	Upper
173	100		
175	48.4	37.6	56.4
254	7.5	5.8	8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 117 Resp: 80560

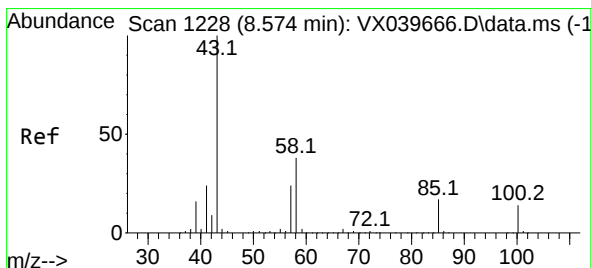
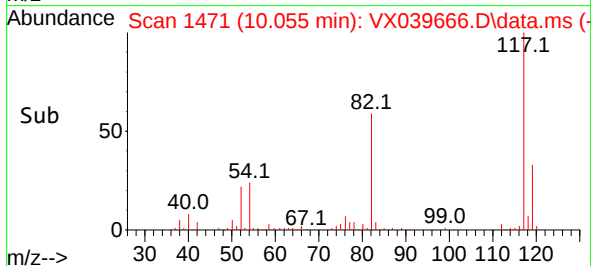
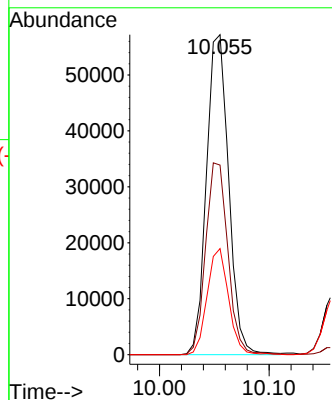
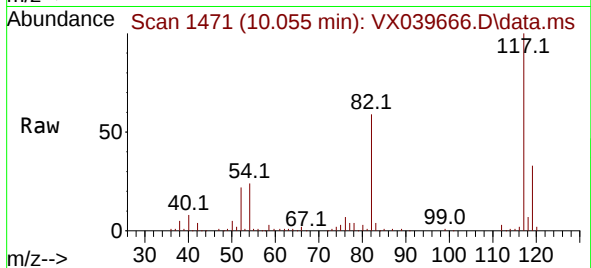
Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.0	70.6
119	32.0	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#58

4-Methyl-2-Pentanone

Concen: 99.001 ug/l

RT: 8.574 min Scan# 1228

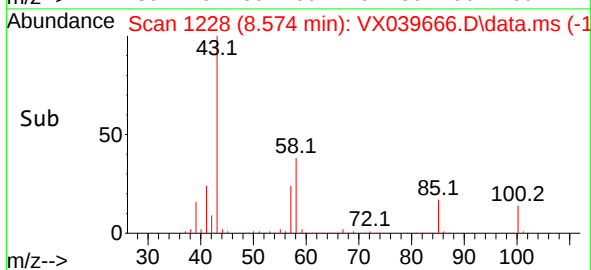
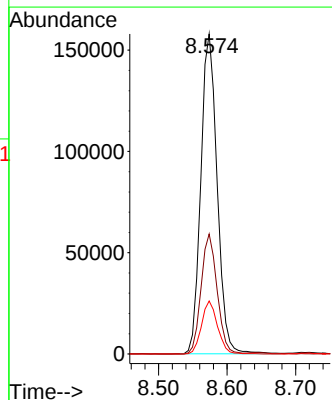
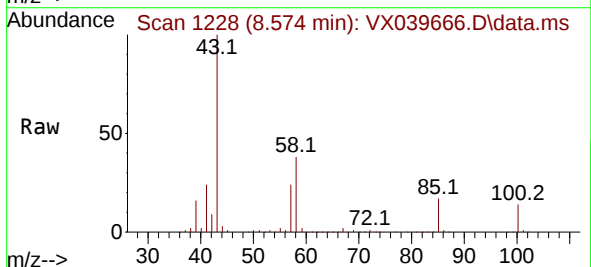
Delta R.T. -0.000 min

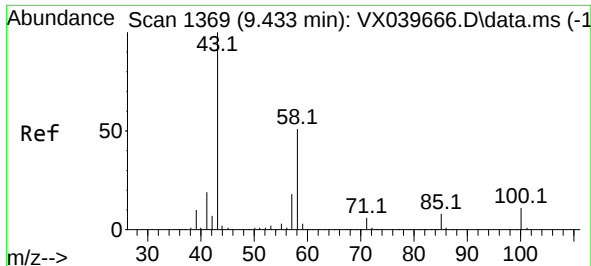
Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Tgt Ion: 43 Resp: 262360

Ion	Ratio	Lower	Upper
43	100		
58	36.7	30.1	45.1
85	16.1	13.9	20.9





#59

2-Hexanone

Concen: 98.526 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 211354

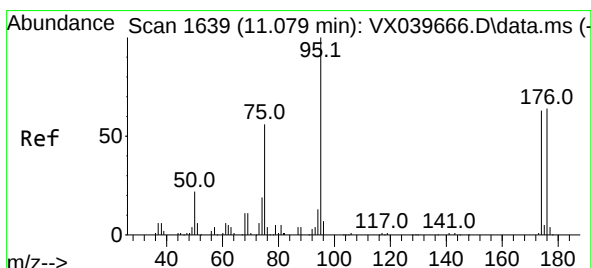
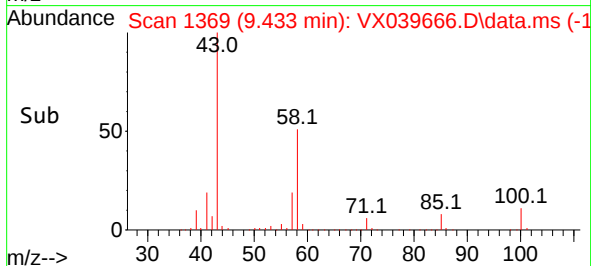
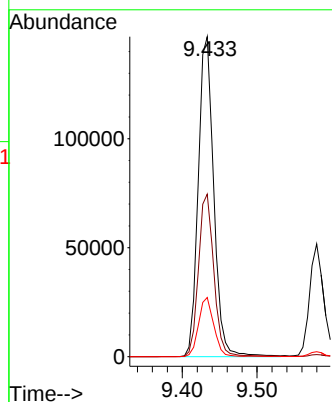
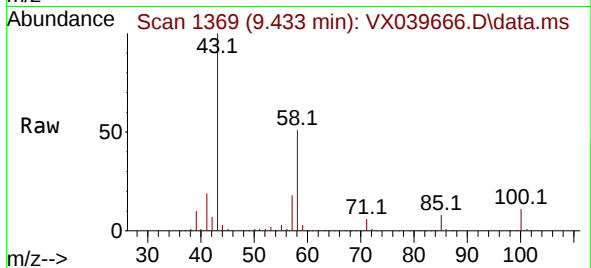
Ion	Ratio	Lower	Upper
43	100		
58	50.0	42.7	64.1
57	18.1	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#60

4-Bromofluorobenzene

Concen: 30.176 ug/l

RT: 11.079 min Scan# 1639

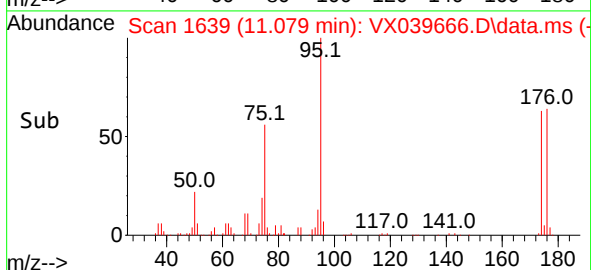
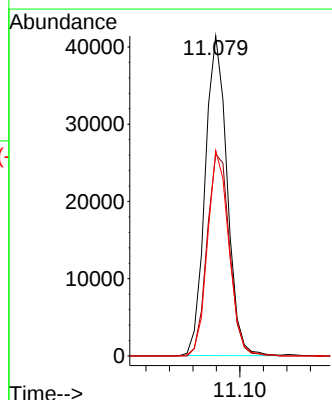
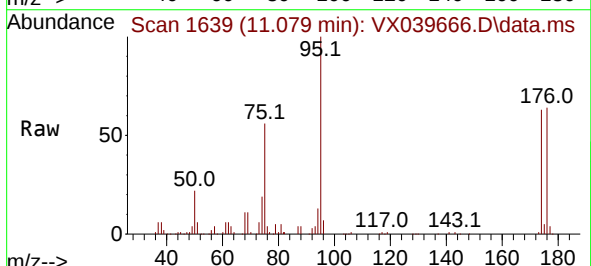
Delta R.T. 0.000 min

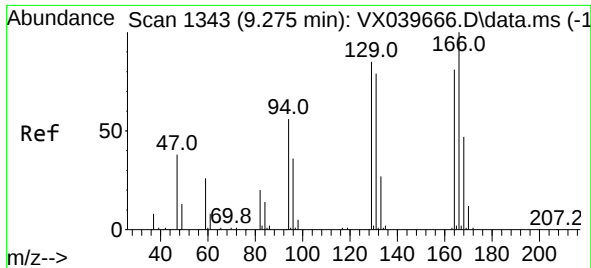
Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Tgt Ion: 95 Resp: 53622

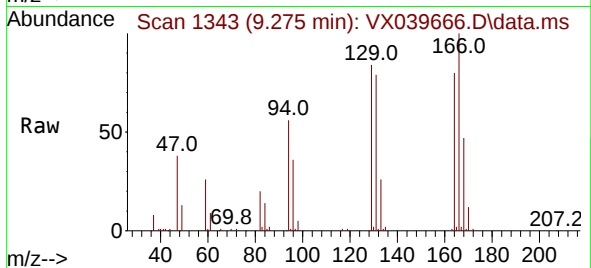
Ion	Ratio	Lower	Upper
95	100		
174	64.8	55.4	83.2
176	62.5	52.6	78.8





#61
Tetrachloroethene
Concen: 18.978 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

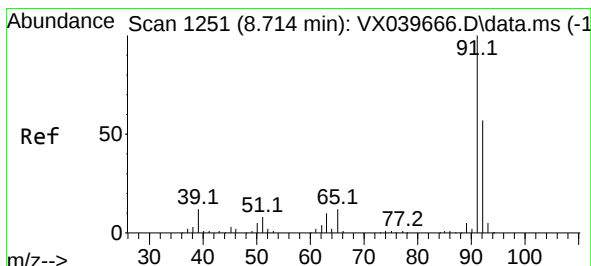
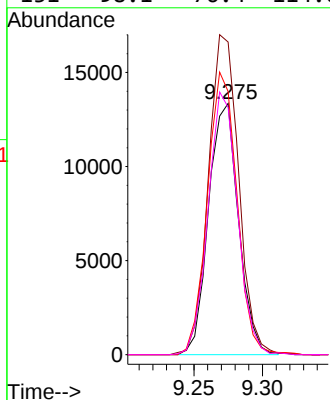
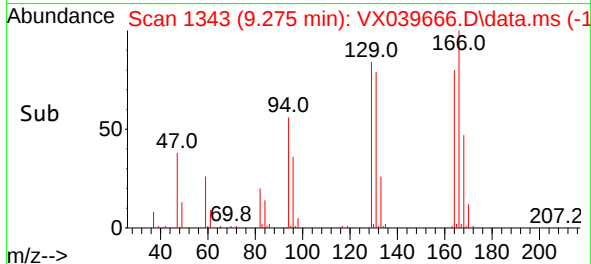
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



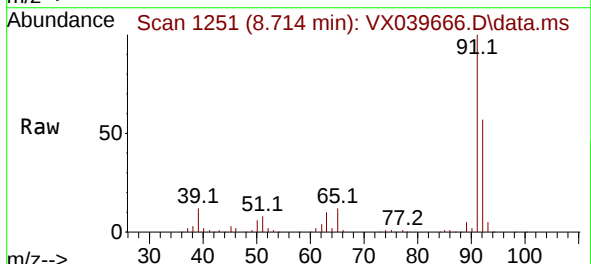
Tgt Ion:164 Resp: 20254
Ion Ratio Lower Upper
164 100
166 123.9 104.0 156.0
129 104.8 82.0 123.0
131 98.1 76.4 114.6

Manual Integrations
APPROVED

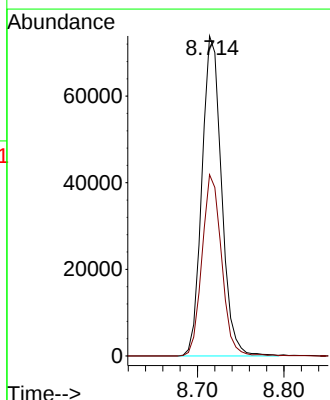
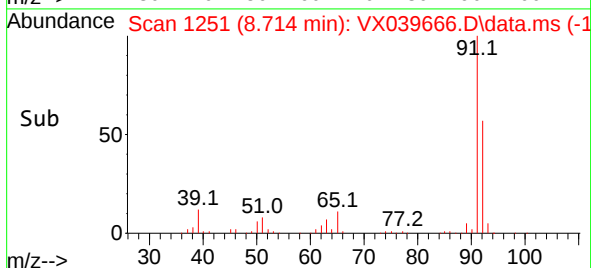
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

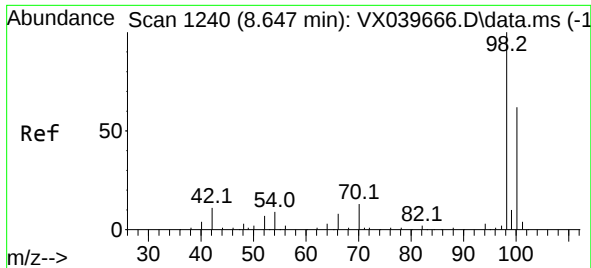


#62
Toluene
Concen: 19.464 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07



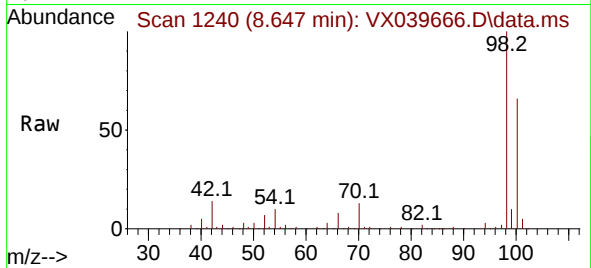
Tgt Ion: 91 Resp: 116251
Ion Ratio Lower Upper
91 100
92 56.1 45.9 68.9





#63
Toluene-d8
Concen: 29.846 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

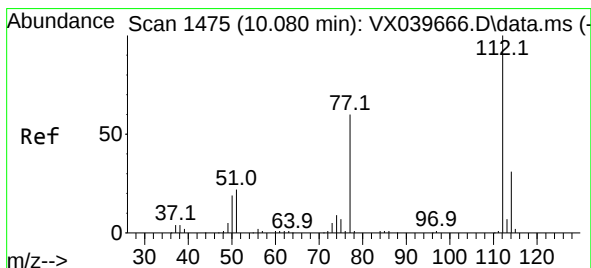
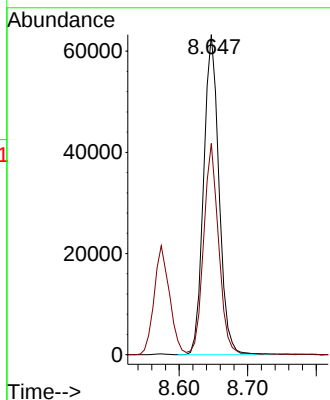
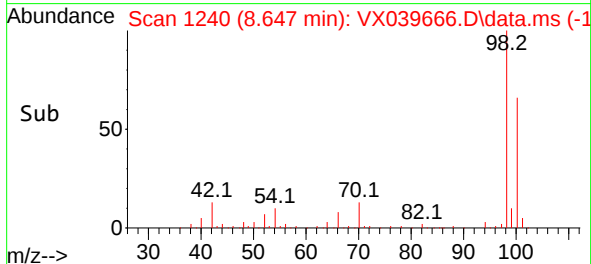
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



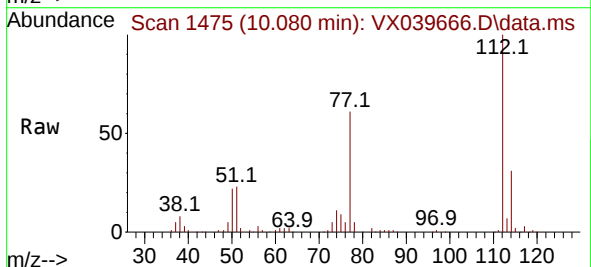
Tgt Ion: 98 Resp: 9886
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.4

Manual Integrations
APPROVED

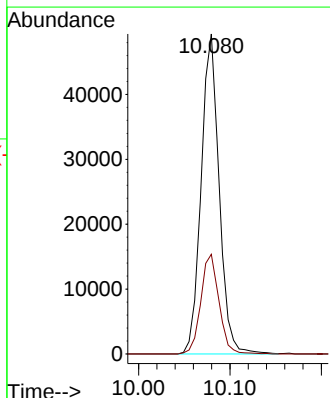
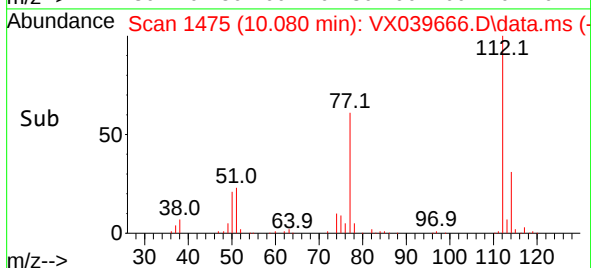
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

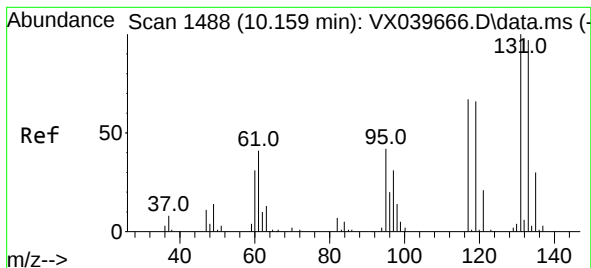


#64
Chlorobenzene
Concen: 19.452 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07



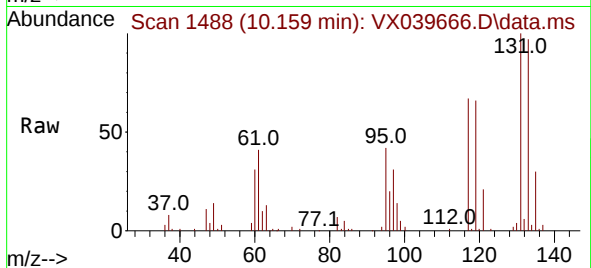
Tgt Ion:112 Resp: 67549
Ion Ratio Lower Upper
112 100
114 31.2 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.107 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

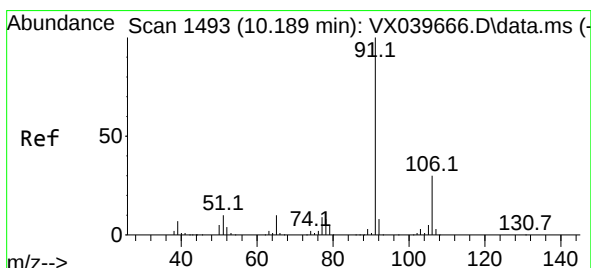
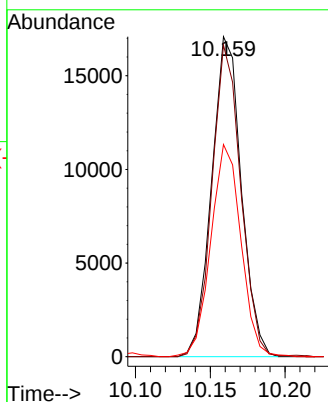
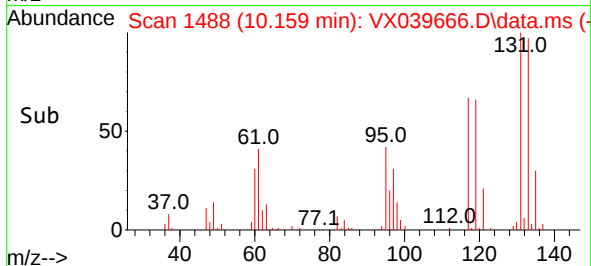
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 23589
Ion Ratio Lower Upper
131 100
133 94.3 0.0 191.8
119 67.1 0.0 135.4

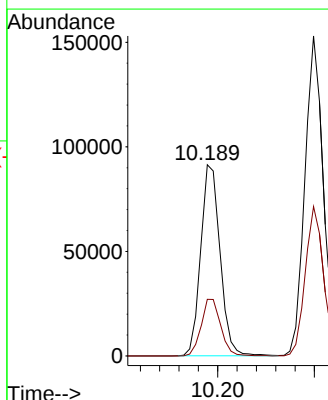
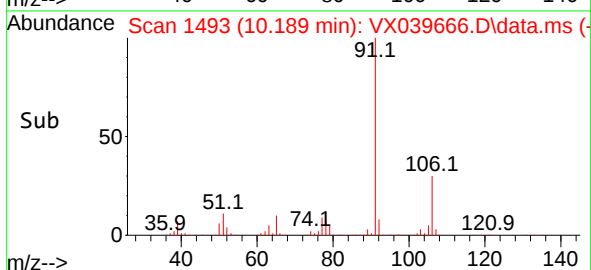
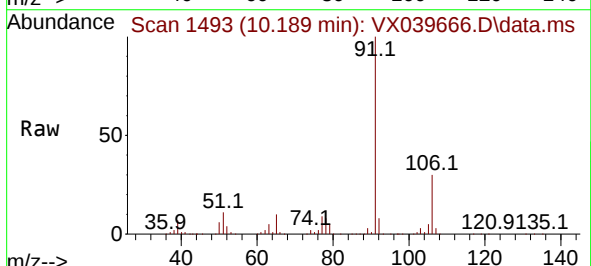
Manual Integrations
APPROVED

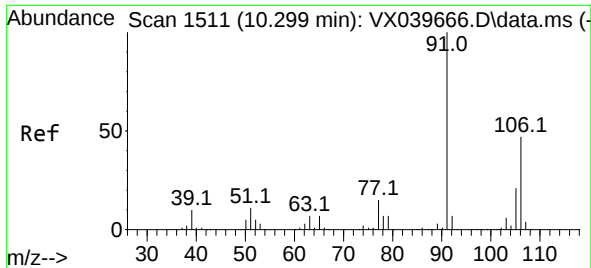
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#66
Ethyl Benzene
Concen: 19.442 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion: 91 Resp: 127511
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6





#67

m/p-Xylenes

Concen: 39.655 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

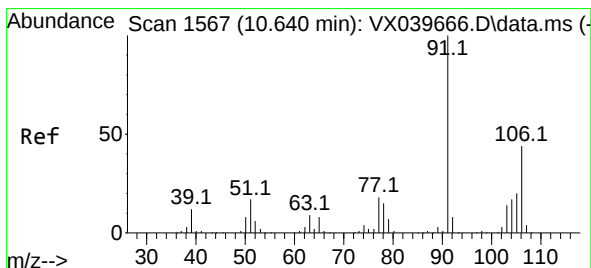
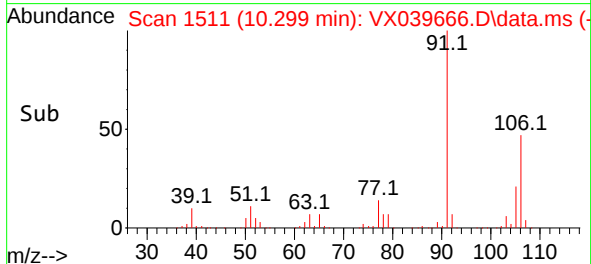
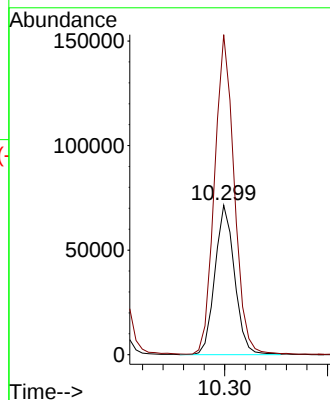
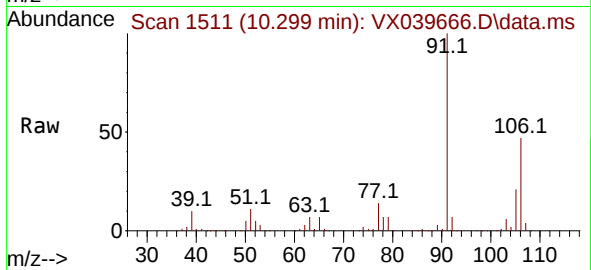
Tgt Ion:106 Resp: 9499
Ion Ratio Lower Upper
106 100
91 215.3 169.4 254.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#68

o-Xylene

Concen: 19.478 ug/l

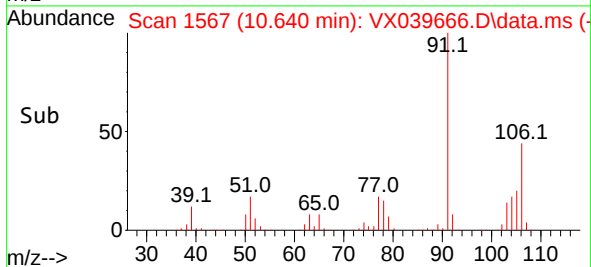
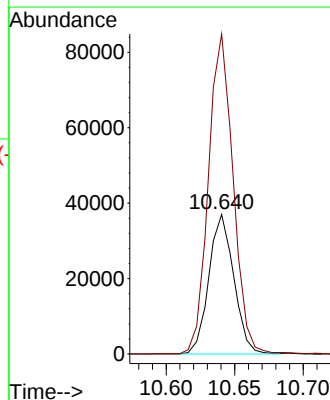
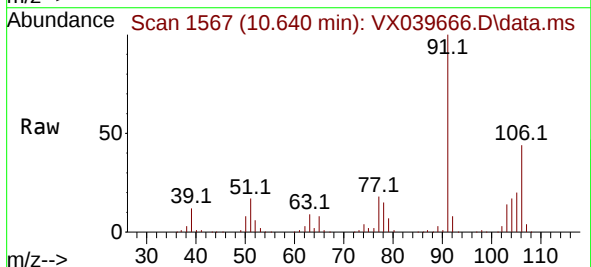
RT: 10.640 min Scan# 1567

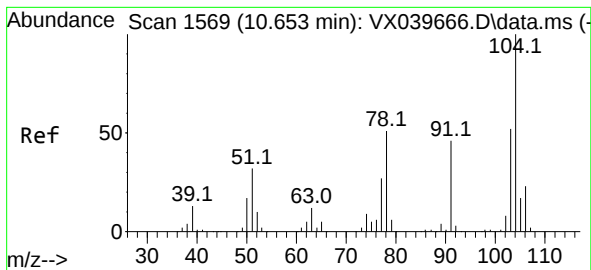
Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Tgt Ion:106 Resp: 46846
Ion Ratio Lower Upper
106 100
91 226.5 111.2 333.6





#69

Styrene

Concen: 19.617 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

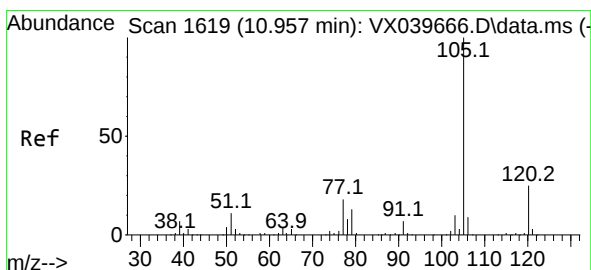
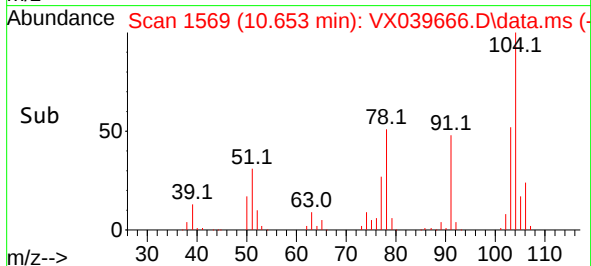
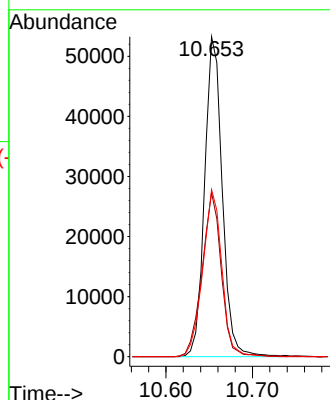
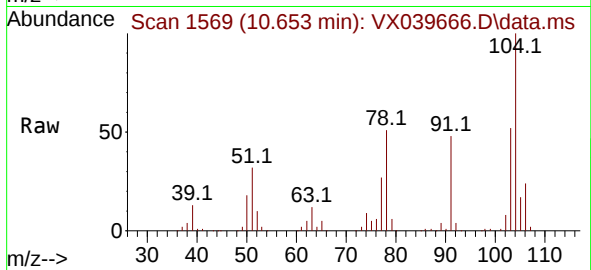
Tgt Ion:104	Resp:	7542
Ion Ratio	Lower	Upper
104	100	
78	55.4	43.7 65.5
103	56.5	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#70

Isopropylbenzene

Concen: 19.459 ug/l

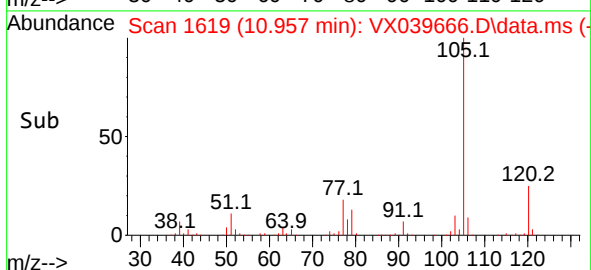
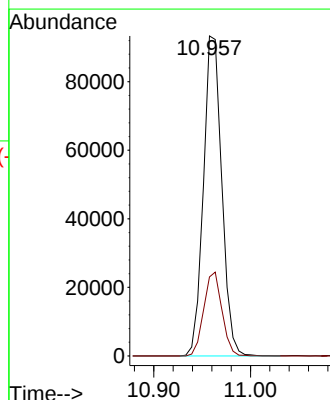
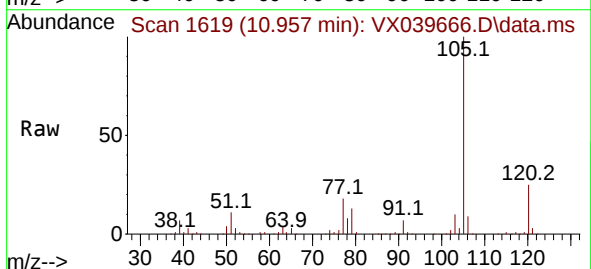
RT: 10.957 min Scan# 1619

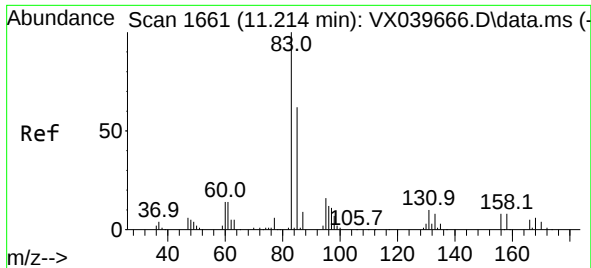
Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Tgt Ion:105	Resp:	123521
Ion Ratio	Lower	Upper
105	100	
120	26.0	18.5 34.3





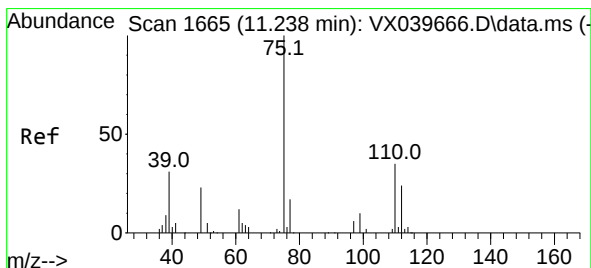
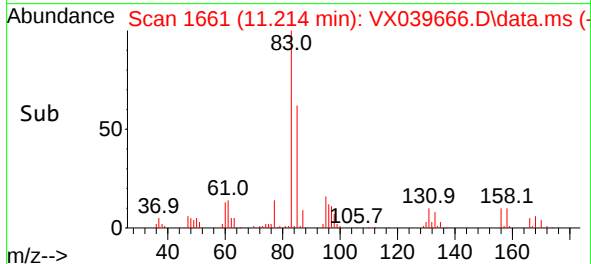
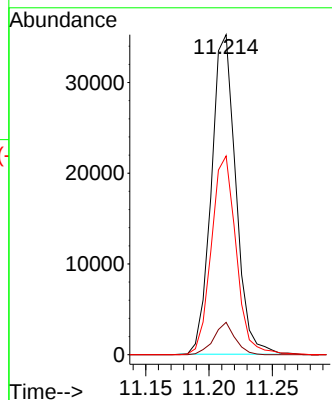
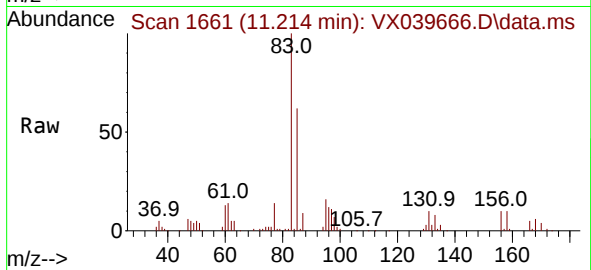
#71
1,1,2,2-Tetrachloroethane
Concen: 19.396 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 47289
Ion Ratio Lower Upper
83 100
131 8.8 4.6 13.8
85 63.3 32.5 97.4

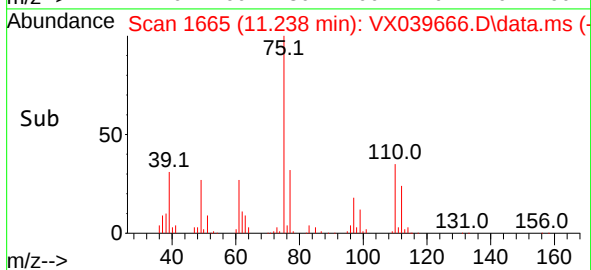
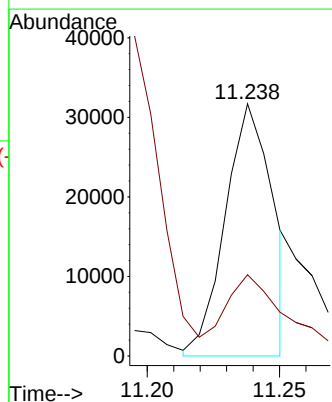
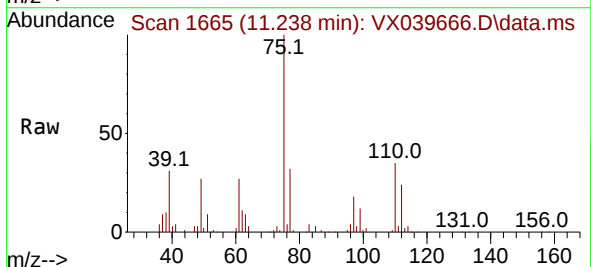
Manual Integrations
APPROVED

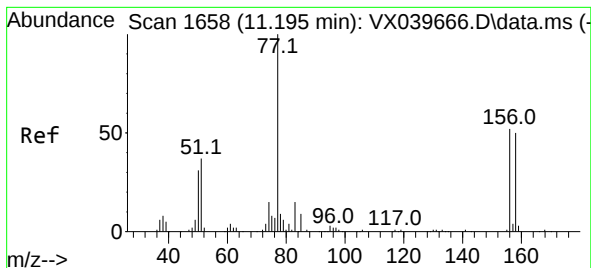
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#72
1,2,3-Trichloropropane
Concen: 18.994 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion: 75 Resp: 39500
Ion Ratio Lower Upper
75 100
77 42.7 0.0 76.4





#73

Bromobenzene

Concen: 19.357 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

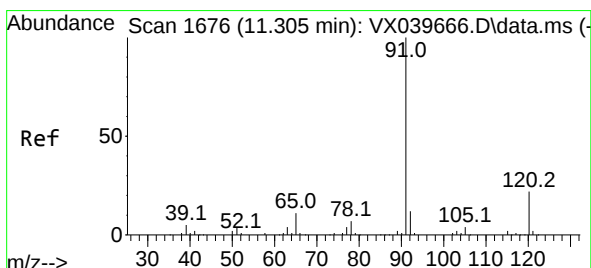
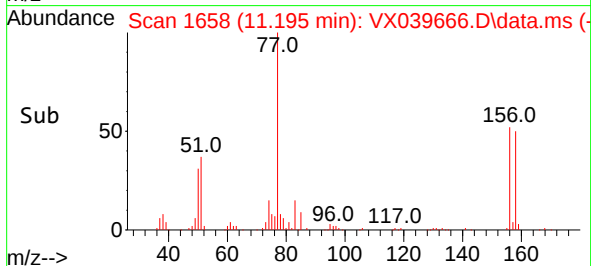
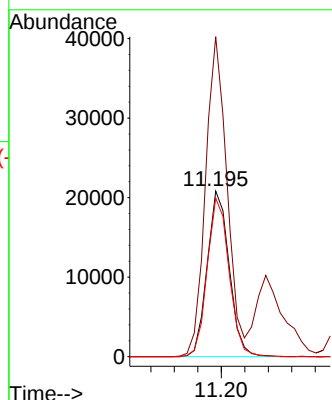
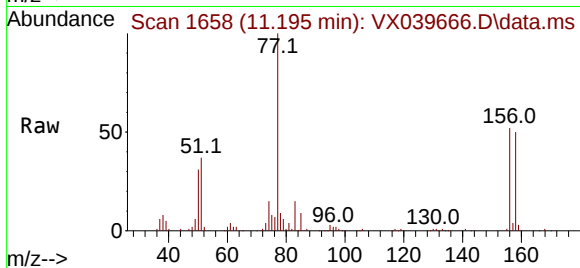
Tgt Ion:	156	Resp:	27128
Ion Ratio	Lower	Upper	
156	100		
77	187.7	0.0	363.2
158	95.1	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#74

n-propylbenzene

Concen: 19.344 ug/l

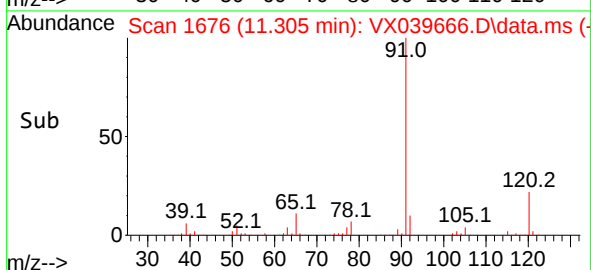
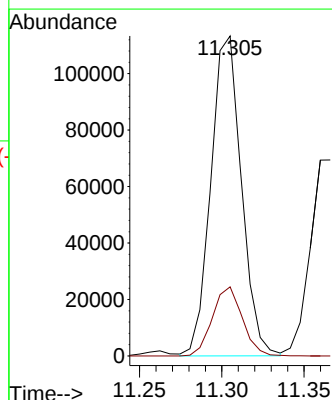
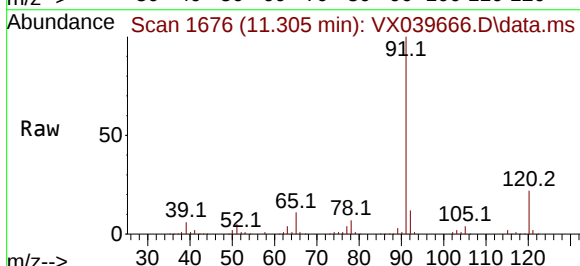
RT: 11.305 min Scan# 1676

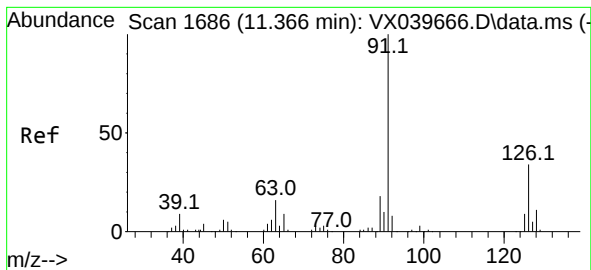
Delta R.T. -0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Tgt Ion:	91	Resp:	146406
Ion Ratio	Lower	Upper	
91	100		
120	21.2	0.0	43.4





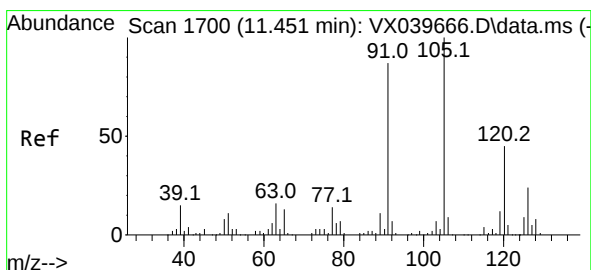
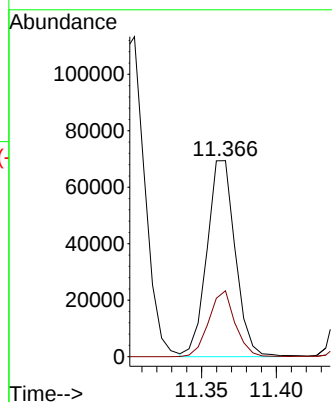
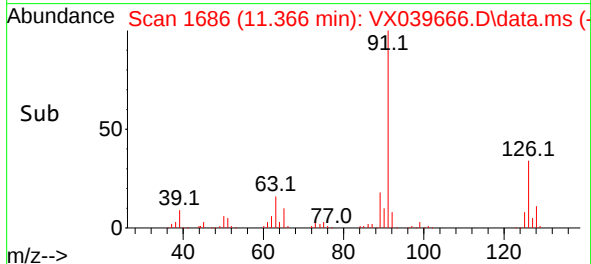
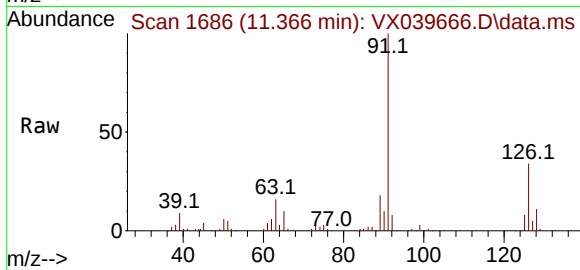
#75
2-Chlorotoluene
Concen: 19.462 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 9151
Ion Ratio Lower Upper
91 100
126 31.3 0.0 64.2

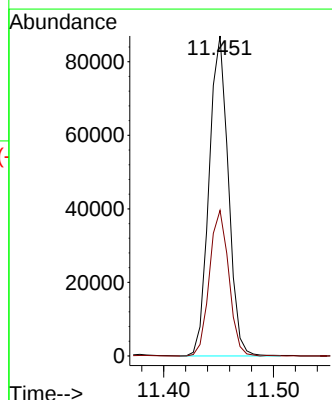
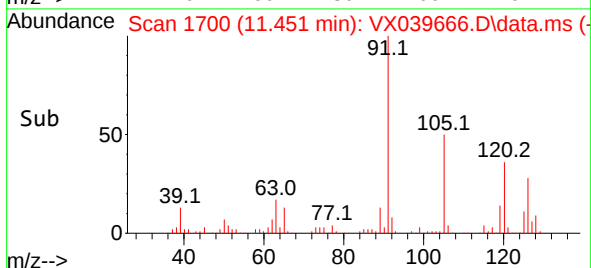
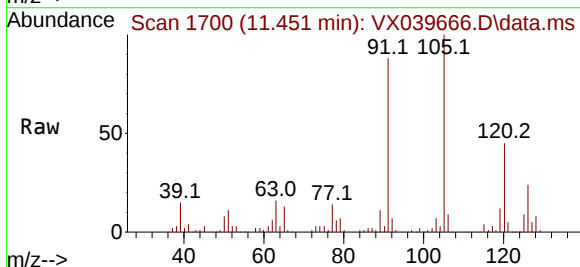
Manual Integrations
APPROVED

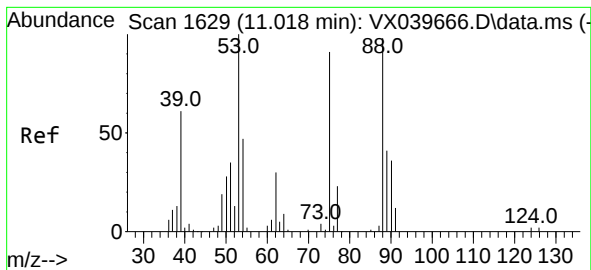
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.570 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion:105 Resp: 106126
Ion Ratio Lower Upper
105 100
120 45.7 0.0 92.6





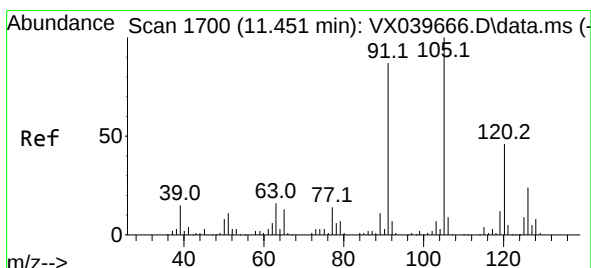
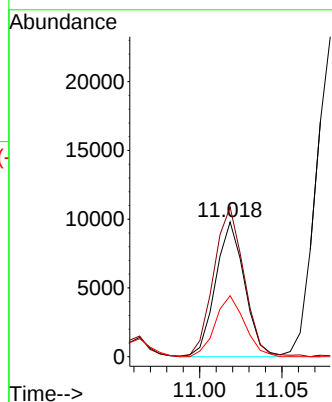
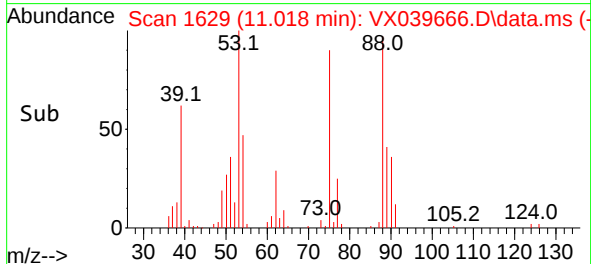
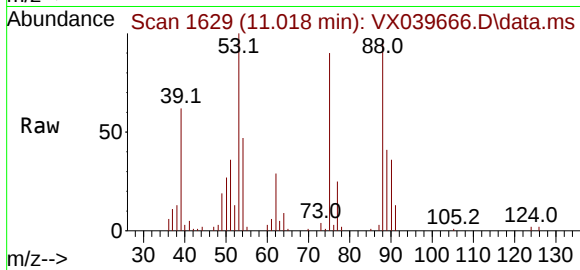
#77
t-1,4-Dichloro-2-butene
Concen: 17.961 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 12020
Ion Ratio Lower Upper
75 100
53 110.4 46.9 140.8
89 45.2 21.3 63.7

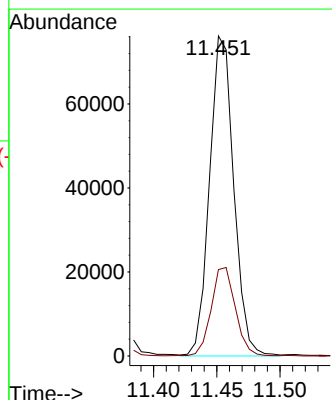
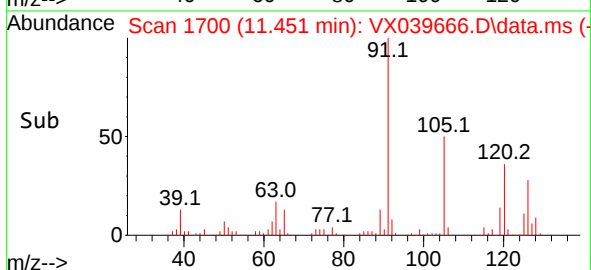
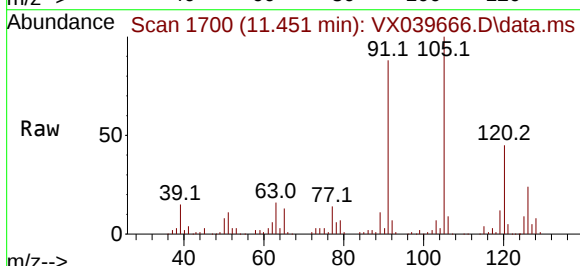
Manual Integrations
APPROVED

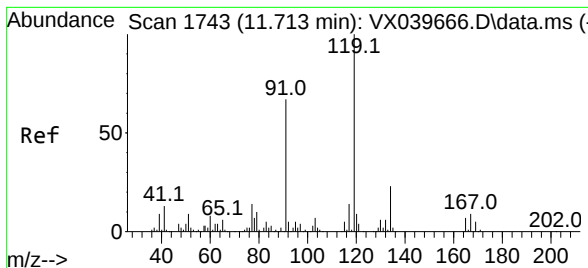
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#78
4-Chlorotoluene
Concen: 19.450 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

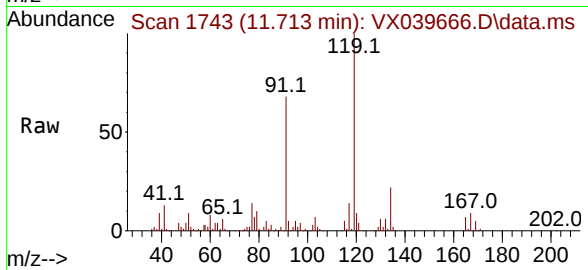
Tgt Ion: 91 Resp: 101433
Ion Ratio Lower Upper
91 100
126 27.6 0.0 57.4





#79
tert-butylbenzene
Concen: 19.777 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

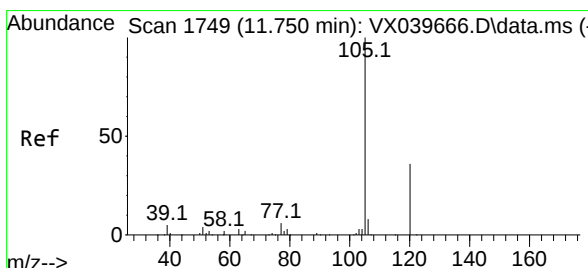
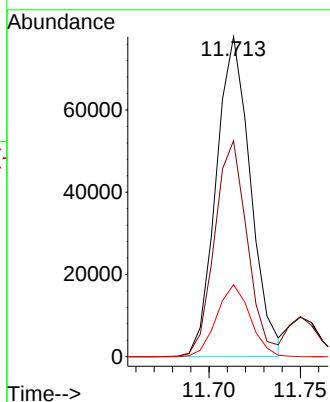
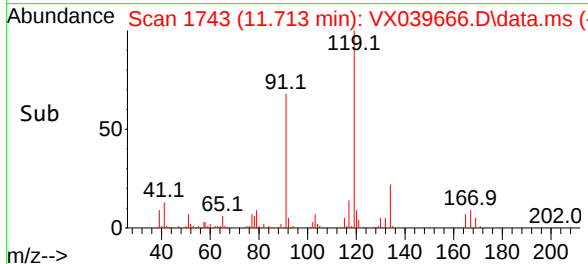
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:119 Resp: 101620
Ion Ratio Lower Upper
119 100
91 64.7 0.0 125.6
134 22.0 0.0 43.8

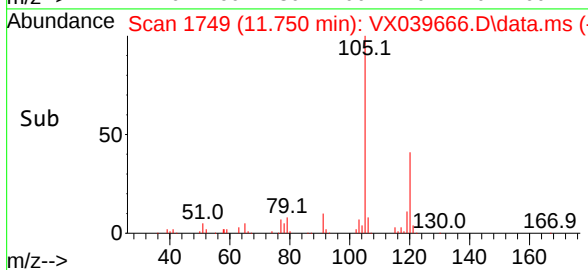
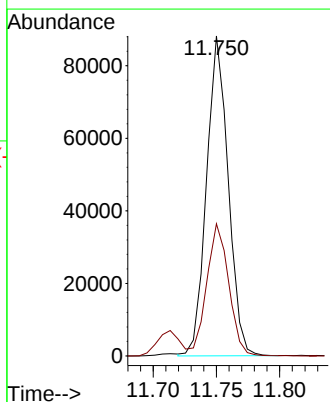
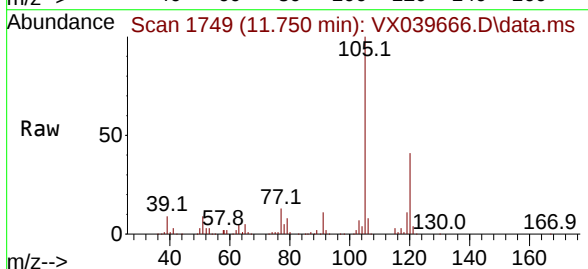
Manual Integrations
APPROVED

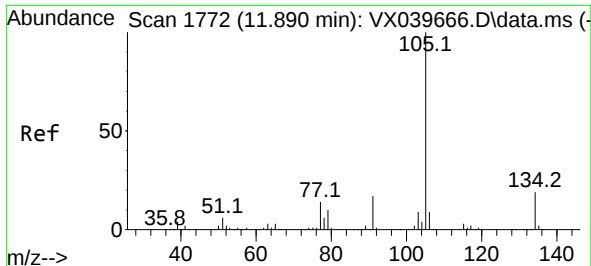
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.512 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

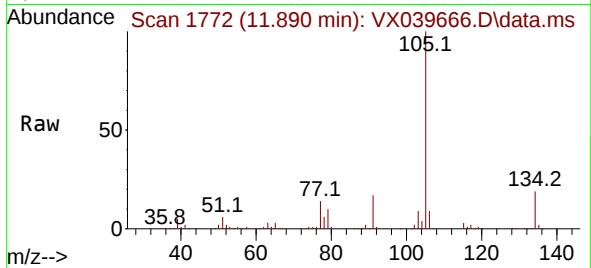
Tgt Ion:105 Resp: 105008
Ion Ratio Lower Upper
105 100
120 42.2 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.474 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039666.D
 Acq: 08 Jan 2024 17:07

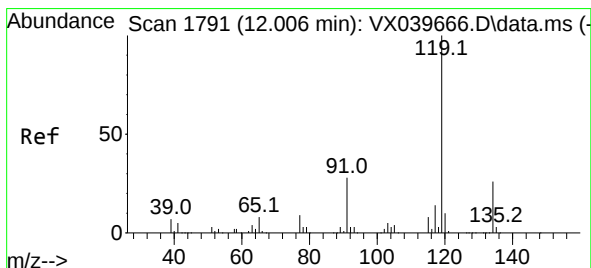
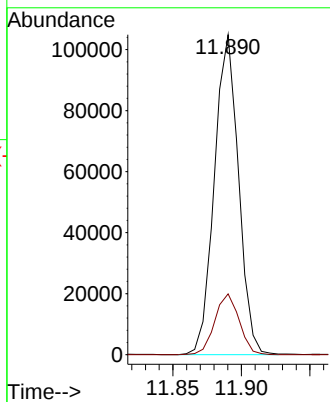
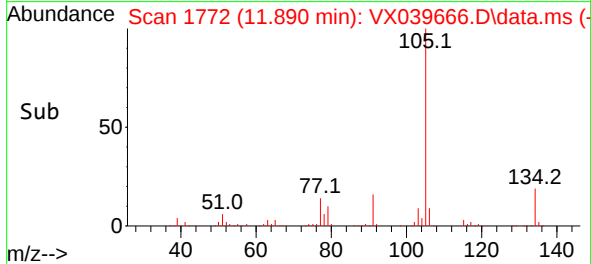
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



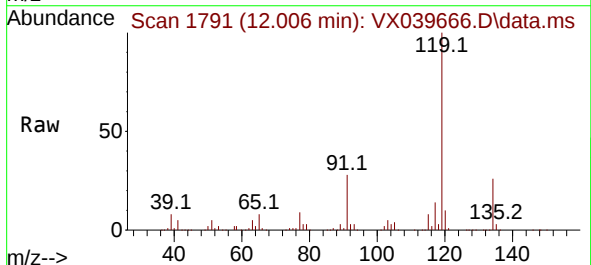
Tgt Ion:105 Resp: 12860
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.4

Manual Integrations
 APPROVED

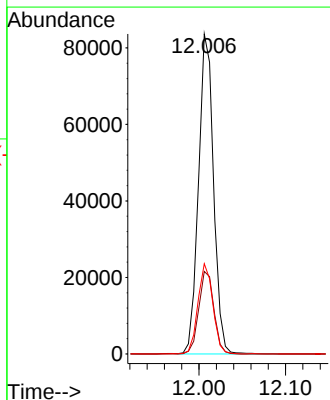
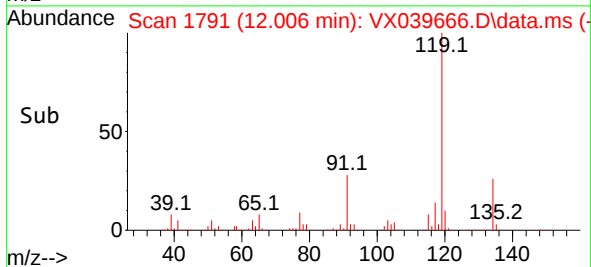
Reviewed By :John Carlone 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024

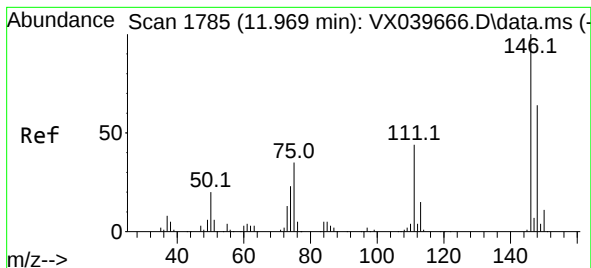


#82
 p-Isopropyltoluene
 Concen: 19.222 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039666.D
 Acq: 08 Jan 2024 17:07



Tgt Ion:119 Resp: 101024
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.6
 91 27.9 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 19.299 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 5055

Ion Ratio Lower Upper

146 100

111 44.2 22.3 66.9

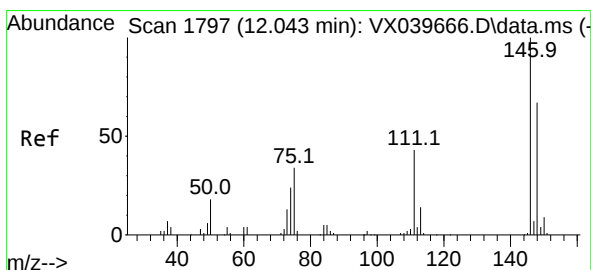
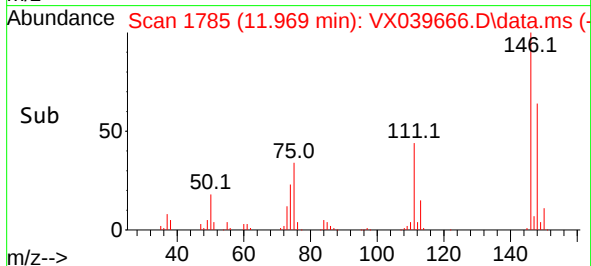
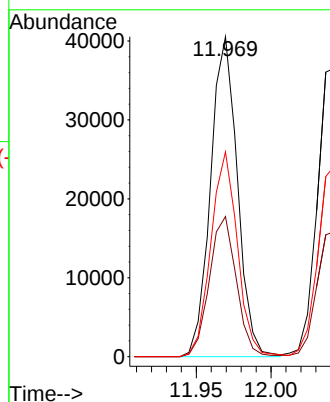
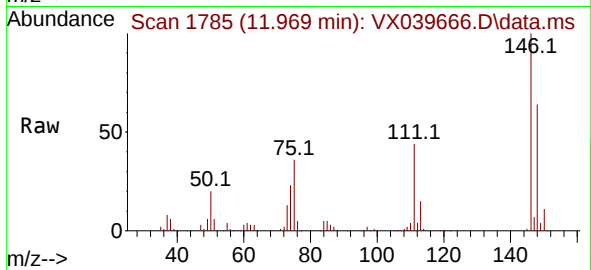
148 63.6 32.8 98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#84

1,4-Dichlorobenzene

Concen: 19.033 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

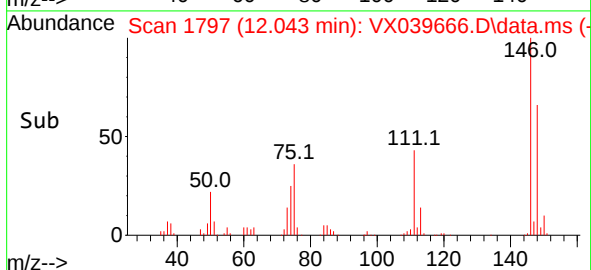
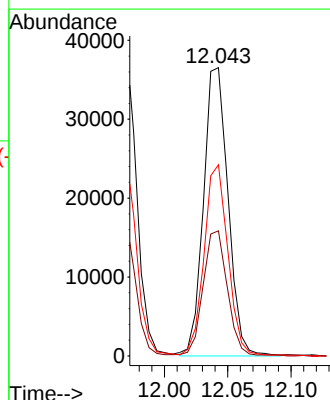
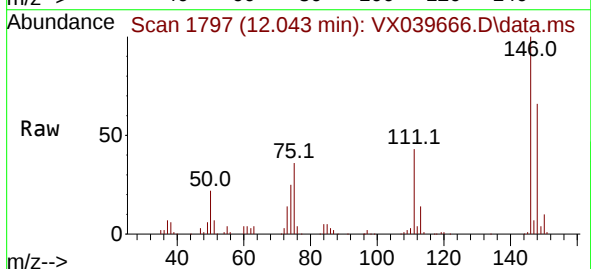
Tgt Ion:146 Resp: 49449

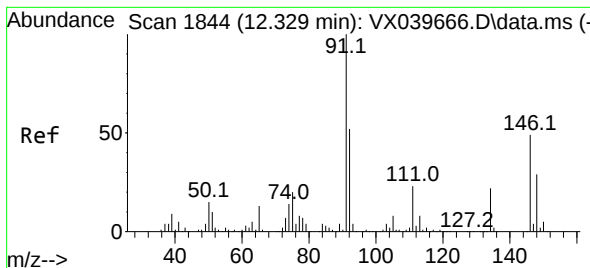
Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.2

148 63.6 31.8 95.4





#85

n-Butylbenzene

Concen: 18.763 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

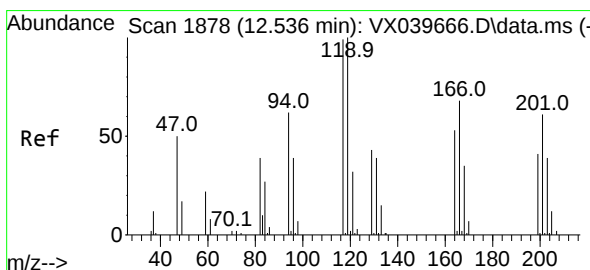
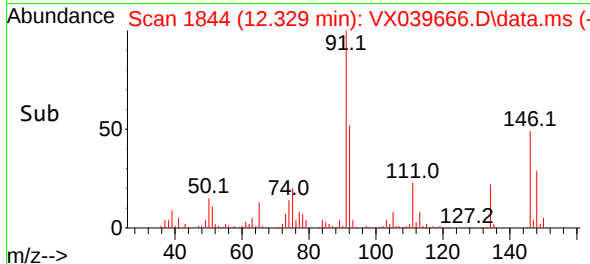
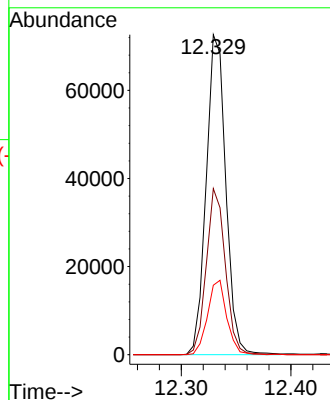
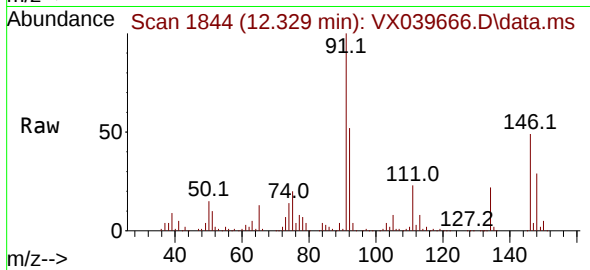
Tgt Ion:	91	Resp:	9025
Ion Ratio	Lower	Upper	
91	100		
92	50.4	0.0	106.2
134	22.8	0.0	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#86

Hexachloroethane

Concen: 17.957 ug/l

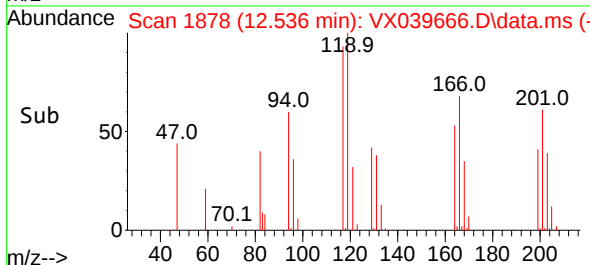
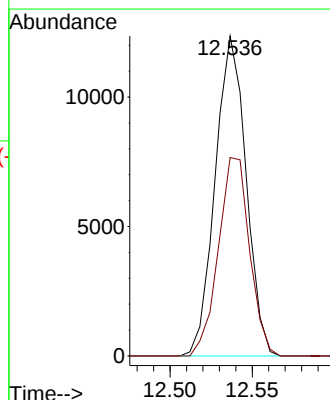
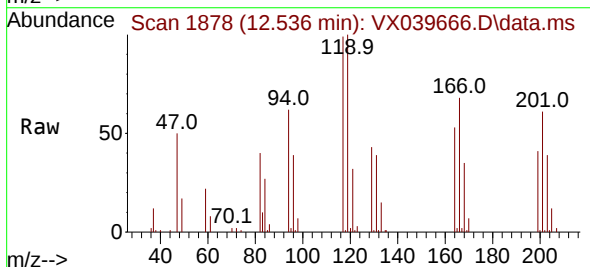
RT: 12.536 min Scan# 1878

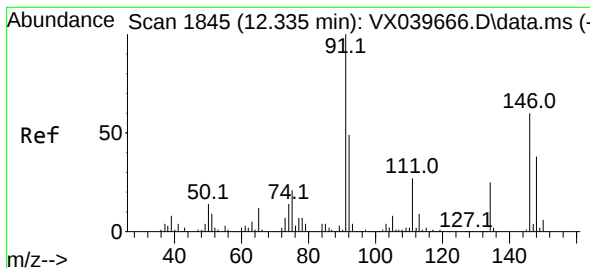
Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Tgt Ion:	117	Resp:	16146
Ion Ratio	Lower	Upper	
117	100		
201	62.8	31.8	95.3





#87

1,2-Dichlorobenzene

Concen: 19.533 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 5127

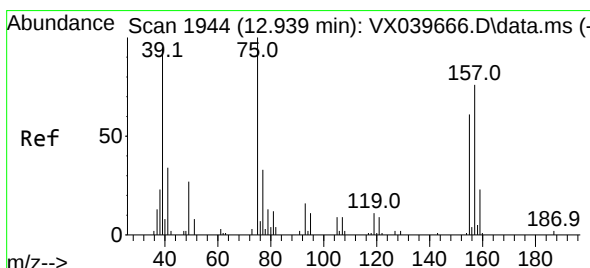
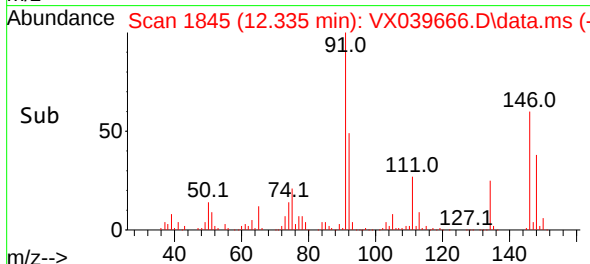
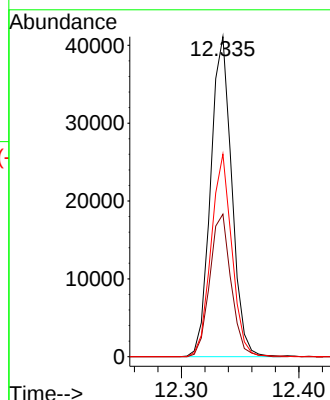
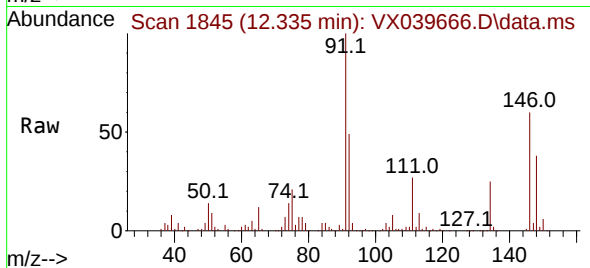
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.4	67.2
148	62.2	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.098 ug/l

RT: 12.939 min Scan# 1944

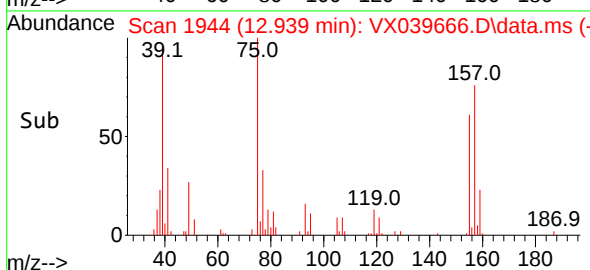
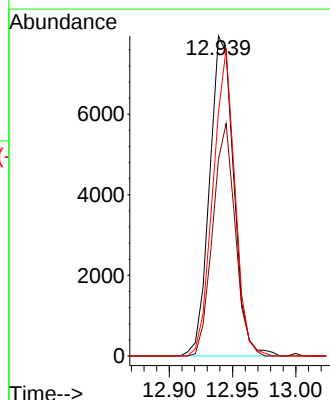
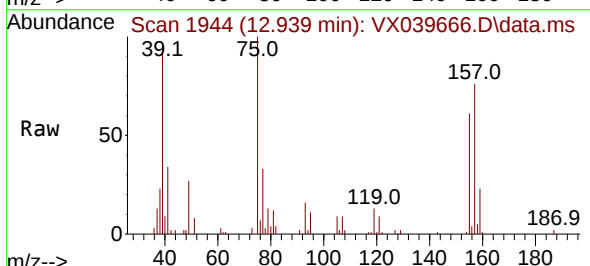
Delta R.T. -0.000 min

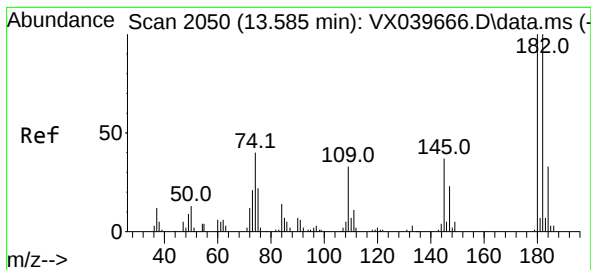
Lab File: VX039666.D

Acq: 08 Jan 2024 17:07

Tgt Ion: 75 Resp: 10566

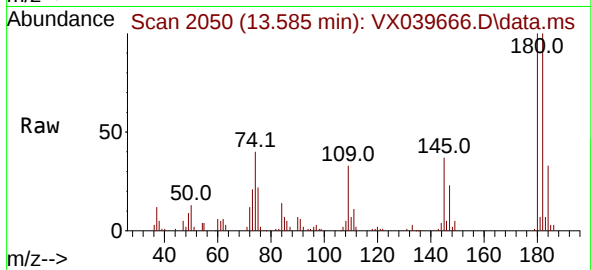
Ion	Ratio	Lower	Upper
75	100		
155	67.2	58.2	87.4
157	86.8	76.5	114.7





#89
1,2,4-Trichlorobenzene
Concen: 18.594 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

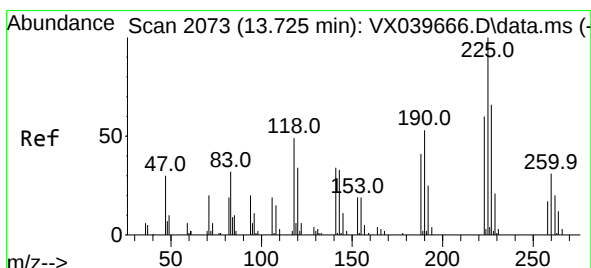
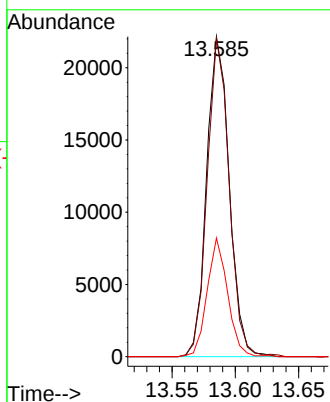
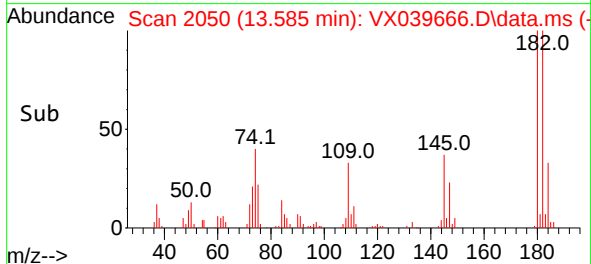
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



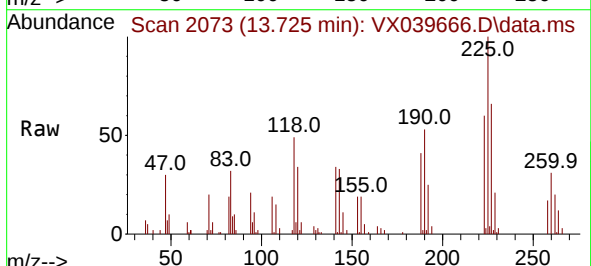
Tgt Ion:180 Resp: 27519
Ion Ratio Lower Upper
180 100
182 96.5 74.5 111.7
145 33.6 26.6 40.0

Manual Integrations
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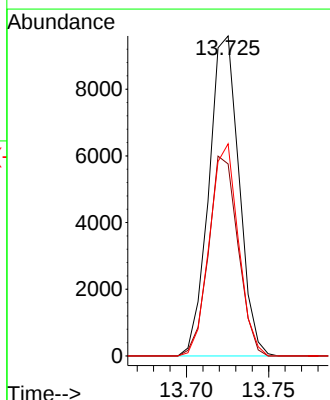
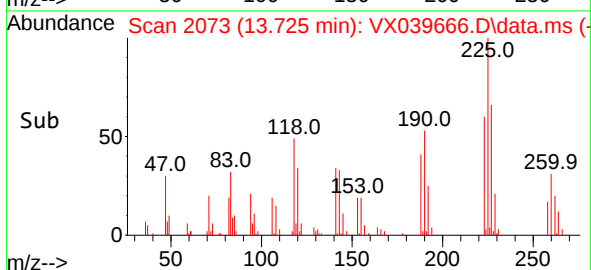
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

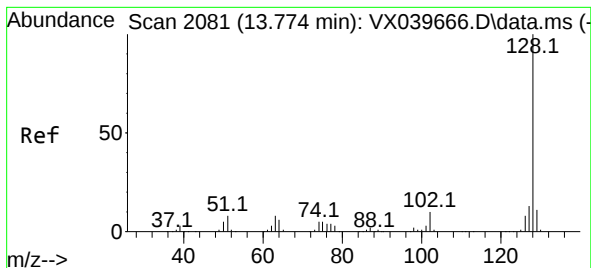


#90
Hexachlorobutadiene
Concen: 18.895 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07



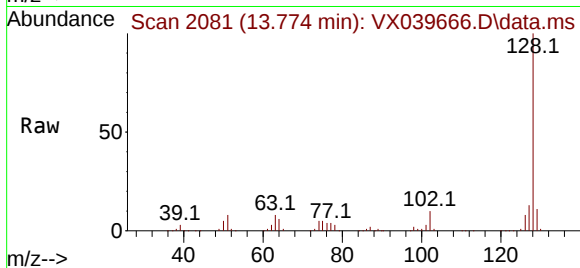
Tgt Ion:225 Resp: 12242
Ion Ratio Lower Upper
225 100
223 61.0 0.0 124.4
227 63.2 0.0 124.4





#91
Naphthalene
Concen: 19.166 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

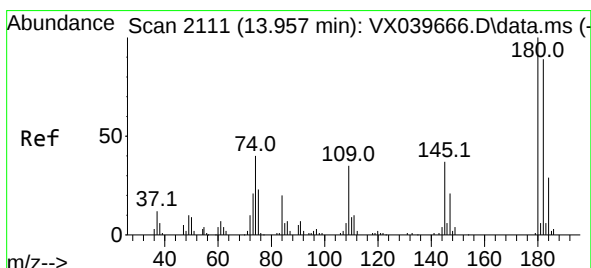
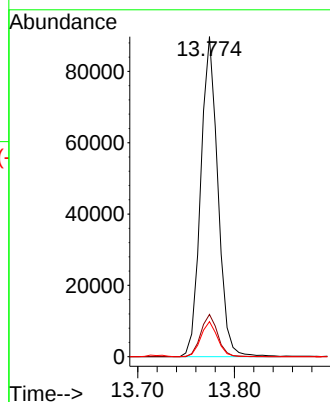
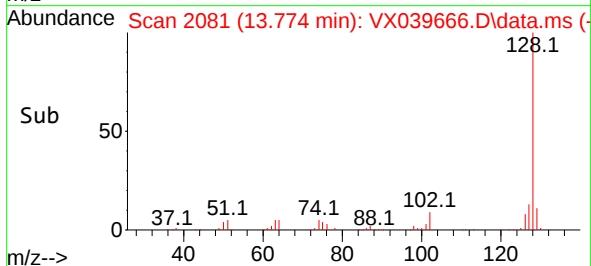
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 110660
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.822 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX039666.D
Acq: 08 Jan 2024 17:07

Tgt Ion:180 Resp: 28842
Ion Ratio Lower Upper
180 100
182 93.4 0.0 191.6
145 37.2 0.0 69.6

