

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030223.D
 Acq On : 27 Jul 2022 10:00
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 05:48:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	2909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	1332	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107613	1840.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 3681.020%#	
35) Dibromofluoromethane	5.391	113	1855	0.898	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 1.800%#	
50) Toluene-d8	8.647	98	320114	40.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 80.000%#	
62) 4-Bromofluorobenzene	11.079	95	119549	40.253	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 80.500%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	50805	1064.340	ug/l	97
3) Chloromethane	1.294	50	47790	1012.436	ug/l	100
4) Vinyl Chloride	1.374	62	50817	1066.639	ug/l	99
5) Bromomethane	1.611	94	23032	1551.296	ug/l	90
6) Chloroethane	1.685	64	30518	1115.621	ug/l	94
7) Trichlorofluoromethane	1.886	101	72229	1150.722	ug/l	99
8) Diethyl Ether	2.136	74	27370	1113.526	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	50941	1095.712	ug/l	97
10) Methyl Iodide	2.453	142	47189	1011.257	ug/l	97
11) Tert butyl alcohol	2.977	59	81356	5704.275	ug/l	99
12) 1,1-Dichloroethene	2.319	96	49460	1088.389	ug/l	90
13) Acrolein	2.239	56	20520	5853.697	ug/l	98
14) Allyl chloride	2.666	41	104935	1119.022	ug/l	97
15) Acrylonitrile	3.068	53	190874	5415.614	ug/l	99
16) Acetone	2.386	43	201554	6733.138	ug/l	93
17) Carbon Disulfide	2.514	76	126189	1028.699	ug/l	98
18) Methyl Acetate	2.709	43	100100	1130.545	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	171727	1103.208	ug/l	99
20) Methylene Chloride	2.794	84	59673	1222.481	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	54582	1088.185	ug/l	94
22) Diisopropyl ether	3.763	45	201498	1135.679	ug/l	92
23) Vinyl Acetate	3.727	43	865096	5620.904	ug/l	97
24) 1,1-Dichloroethane	3.611	63	103408	1096.823	ug/l	100
25) 2-Butanone	4.562	43	304697	6057.219	ug/l	94
26) 2,2-Dichloropropane	4.477	77	78100	1145.608	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	64445	1092.595	ug/l	95
28) Bromochloromethane	4.897	49	69099	1734.853	ug/l	92
29) Tetrahydrofuran	5.007	42	182948	5405.333	ug/l	94
30) Chloroform	5.092	83	102678	1099.952	ug/l	100
31) Cyclohexane	5.470	56	92703	1092.007	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	83746	1103.698	ug/l	99
36) 1,1-Dichloropropene	5.690	75	73083	24.575	ug/l	96
37) Ethyl Acetate	4.715	43	103965	24.687	ug/l	96
38) Carbon Tetrachloride	5.678	117	69670	25.095	ug/l	99
39) Methylcyclohexane	7.385	83	94053	24.502	ug/l	96
40) Benzene	6.037	78	232613	24.861	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	56876	25.195	ug/l	96
42) 1,2-Dichloroethane	6.086	62	80263	24.826	ug/l	97
43) Isopropyl Acetate	6.342	43	153049	24.791	ug/l	97
44) Trichloroethene	7.129	130	60514	23.670	ug/l	94
45) 1,2-Dichloropropane	7.434	63	62102	24.885	ug/l	97
46) Dibromomethane	7.580	93	40361	23.783	ug/l	96
47) Bromodichloromethane	7.824	83	77502	25.121	ug/l	94
48) Methyl methacrylate	7.696	41	77098	25.373	ug/l	93
49) 1,4-Dioxane	7.671	88	32304	460.289	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	523398	124.883	ug/l	97
52) Toluene	8.720	92	137496	24.086	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	82057	24.674	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	90889	25.079	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	60028	24.698	ug/l	96
56) Ethyl methacrylate	9.116	69	96391	25.087	ug/l	95
57) 1,3-Dichloropropane	9.311	76	99121	24.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	255816	134.154	ug/l	97
59) 2-Hexanone	9.433	43	429375	129.856	ug/l	95
60) Dibromochloromethane	9.525	129	54313	24.140	ug/l	95
61) 1,2-Dibromoethane	9.610	107	61297	24.153	ug/l	98
64) Tetrachloroethene	9.275	164	57772	27.328	ug/l	96
65) Chlorobenzene	10.079	112	148141	27.773	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	52488	28.947	ug/l	98
67) Ethyl Benzene	10.195	91	270605	31.305	ug/l	100
68) m/p-Xylenes	10.305	106	203547	56.331	ug/l	92
69) o-Xylene	10.640	106	99911	28.054	ug/l	93
70) Styrene	10.659	104	169833	29.026	ug/l	97
71) Bromoform	10.799	173	38096	28.578	ug/l #	98
73) Isopropylbenzene	10.963	105	262402	2523.456	ug/l	99
74) N-amyl acetate	10.841	43	125987	2492.906	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	89341	2347.354	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89421m	2546.820	ug/l	
77) Bromobenzene	11.201	156	58043	2378.190	ug/l	91
78) n-propylbenzene	11.305	91	320197	2579.971	ug/l	98
79) 2-Chlorotoluene	11.366	91	189291	2415.224	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	222393	2554.173	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28536	2438.164	ug/l	91
82) 4-Chlorotoluene	11.457	91	216712	2530.785	ug/l	97
83) tert-Butylbenzene	11.713	119	207123	2566.459	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	224411	2583.385	ug/l	96
85) sec-Butylbenzene	11.890	105	282452	2557.053	ug/l	99
86) p-Isopropyltoluene	12.012	119	234620	2654.880	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	114792	2418.404	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	115749	2395.531	ug/l	99
89) n-Butylbenzene	12.335	91	216938	2636.679	ug/l	99
90) Hexachloroethane	12.542	117	37870	2488.850	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	115351	2475.912	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23801	2607.335	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	71587	2649.612	ug/l	98
94) Hexachlorobutadiene	13.725	225	29760	2743.248	ug/l	99
95) Naphthalene	13.780	128	283125	2682.763	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	74267	2680.275	ug/l	99

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Response via : Initial Calibration

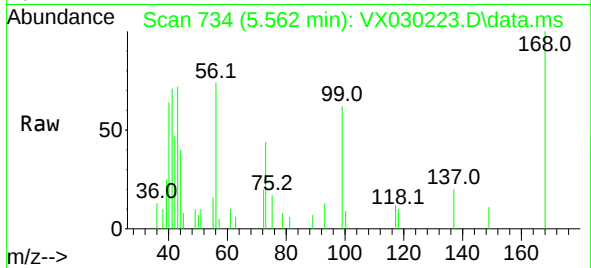
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

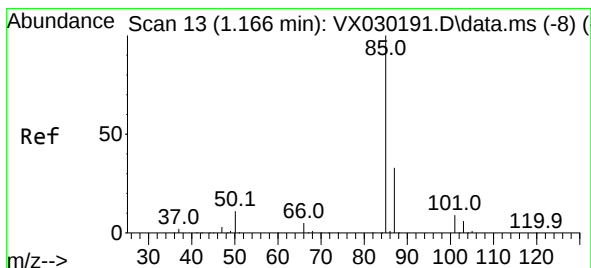
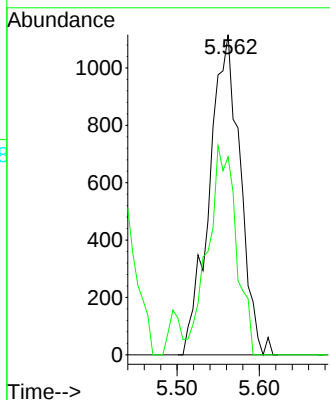
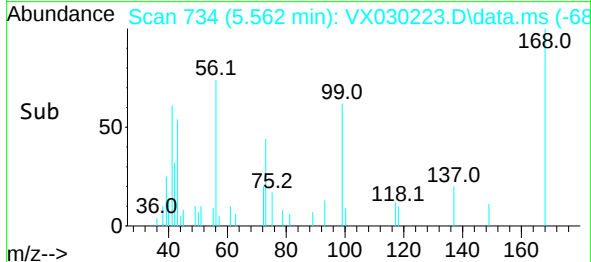
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



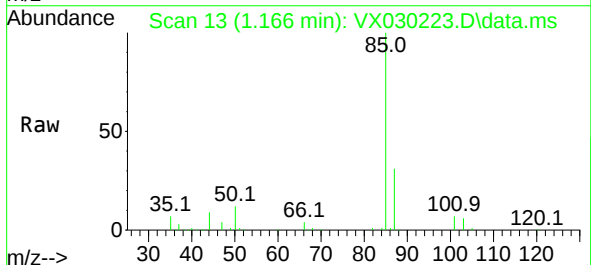
Tgt Ion:168 Resp: 2905
Ion Ratio Lower Upper
168 100
99 61.8 44.0 66.0

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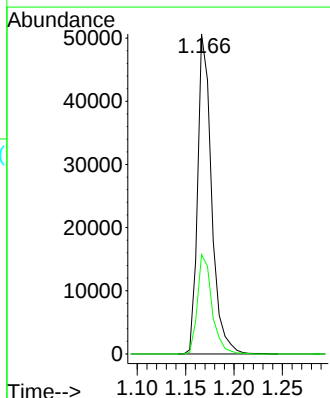
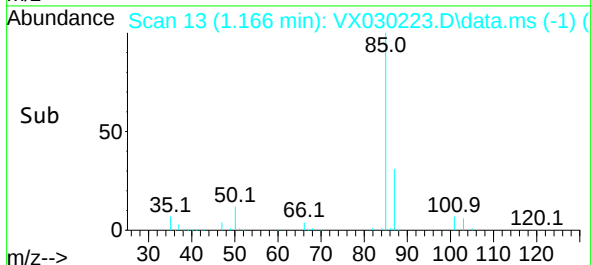
Reviewed By :John Carlone 07/28/2022
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#2
Dichlorodifluoromethane
Concen: 1064.340 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00



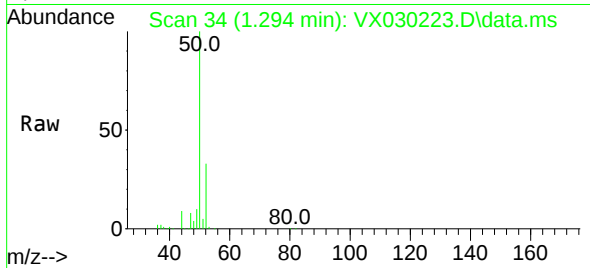
Tgt Ion: 85 Resp: 50805
Ion Ratio Lower Upper
85 100
87 31.0 16.5 49.5





#3
Chloromethane
Concen: 1012.436 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

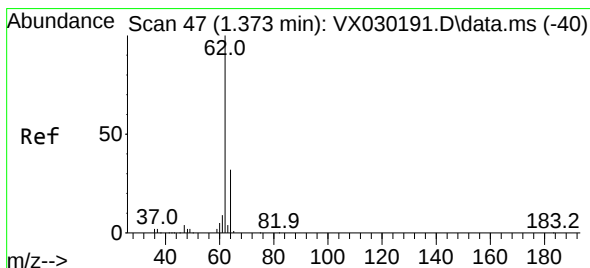
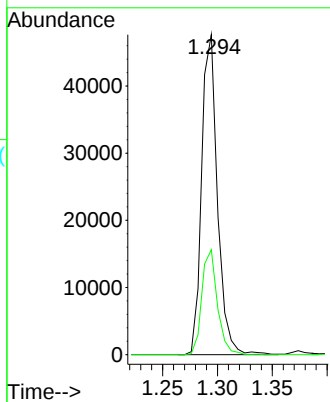
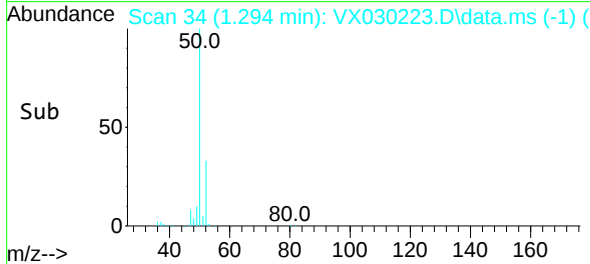
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 47790
Ion Ratio Lower Upper
50 100
52 32.8 26.3 39.5

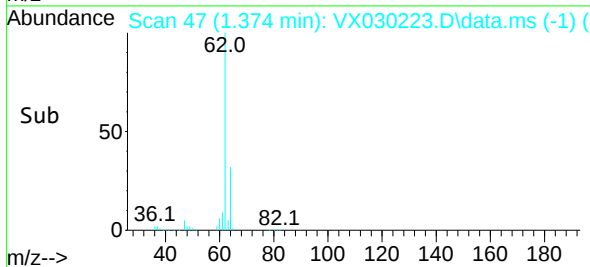
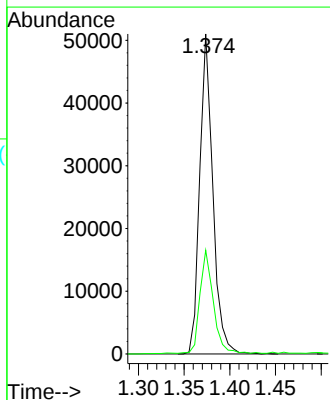
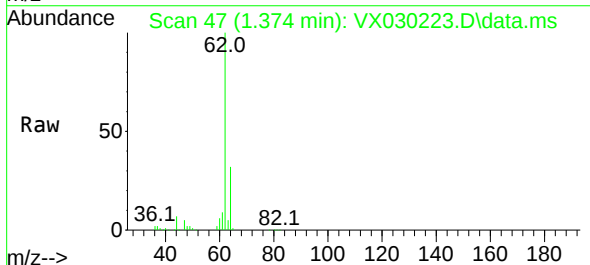
Manual Integrations
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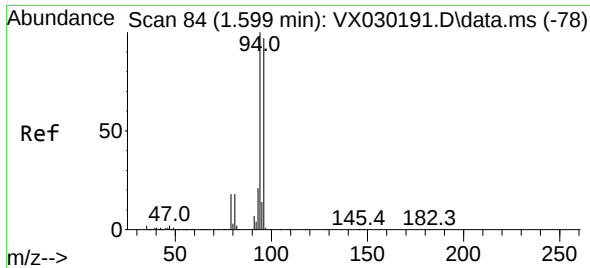
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#4
Vinyl Chloride
Concen: 1066.639 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion: 62 Resp: 50817
Ion Ratio Lower Upper
62 100
64 32.2 25.2 37.8





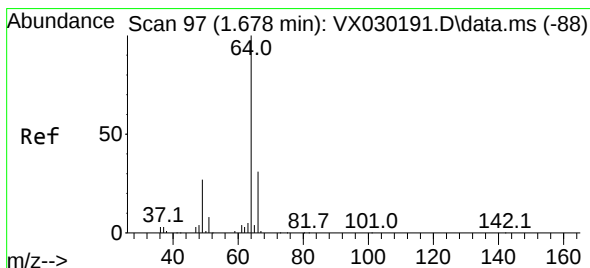
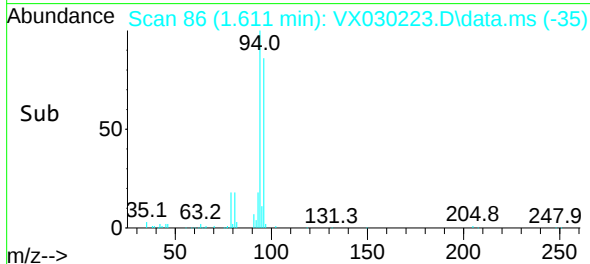
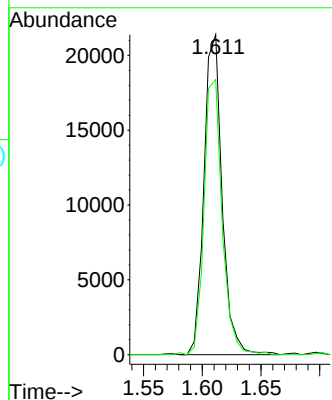
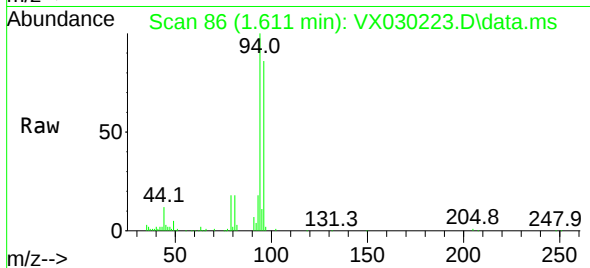
#5
Bromomethane
Concen: 1551.296 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 2303
Ion Ratio Lower Upper
94 100
96 86.0 76.9 115.3

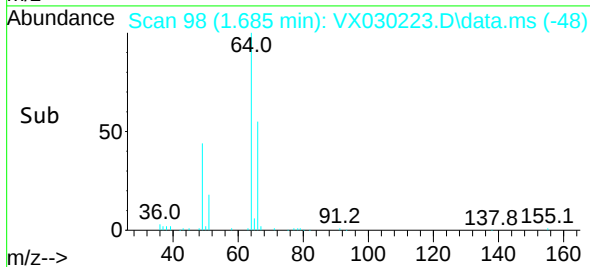
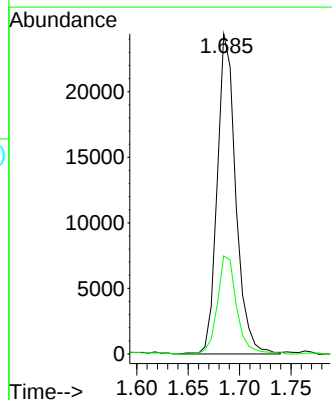
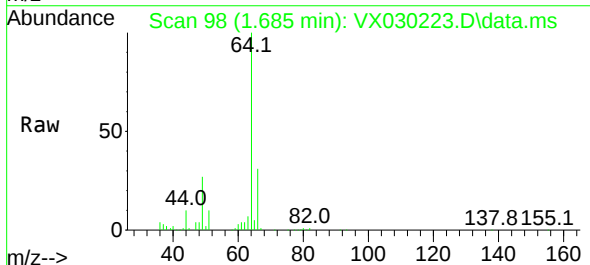
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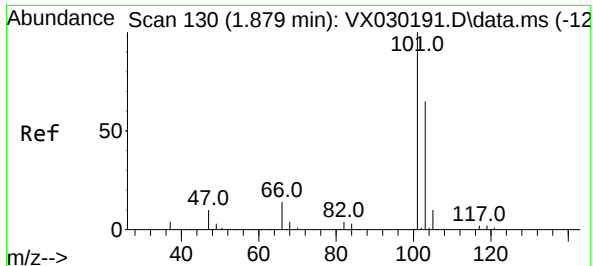
Reviewed By :John Carlone 07/28/2022
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#6
Chloroethane
Concen: 1115.621 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion: 64 Resp: 30518
Ion Ratio Lower Upper
64 100
66 30.7 27.2 40.8





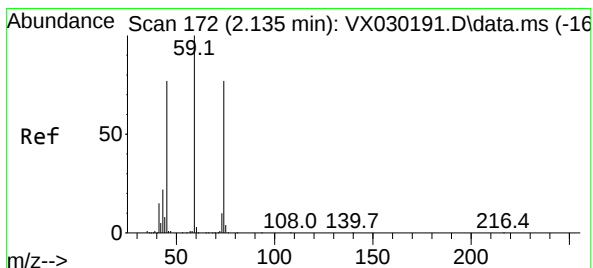
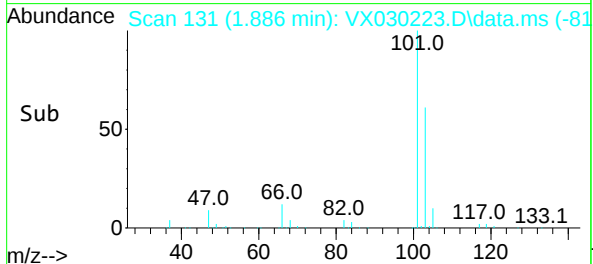
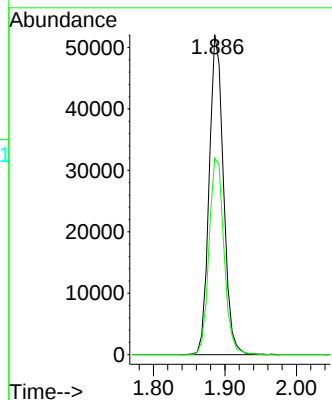
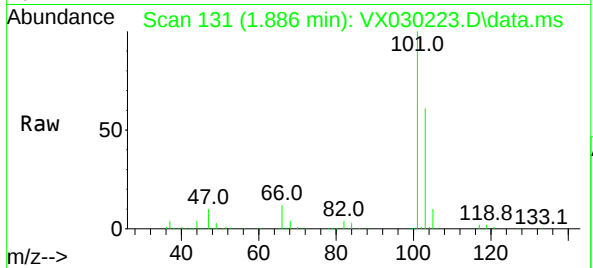
#7
Trichlorofluoromethane
Concen: 1150.722 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.007 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 72229
Ion Ratio Lower Upper
101 100
103 61.4 49.7 74.5

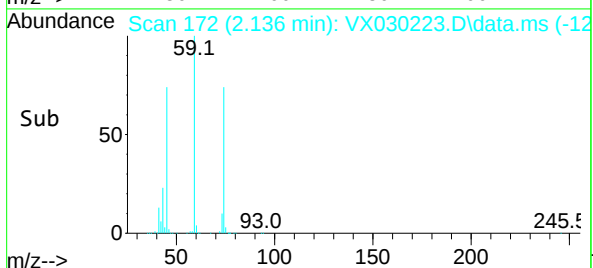
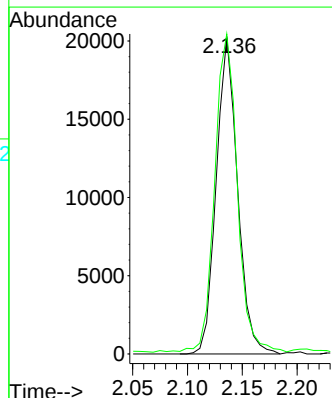
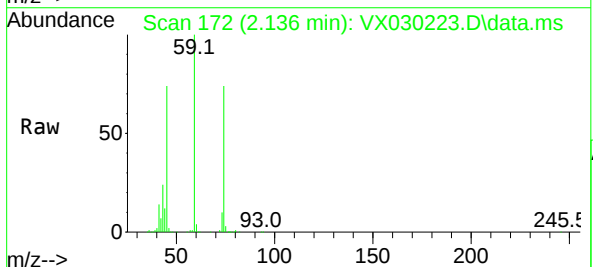
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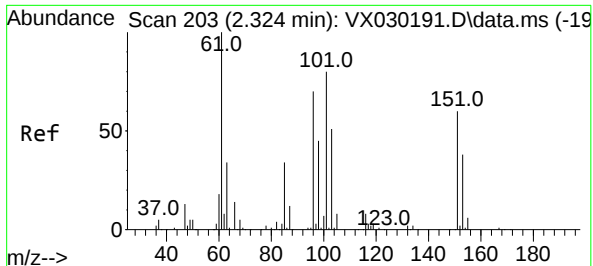
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#8
Diethyl Ether
Concen: 1113.526 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion: 74 Resp: 27370
Ion Ratio Lower Upper
74 100
45 106.3 51.5 154.7





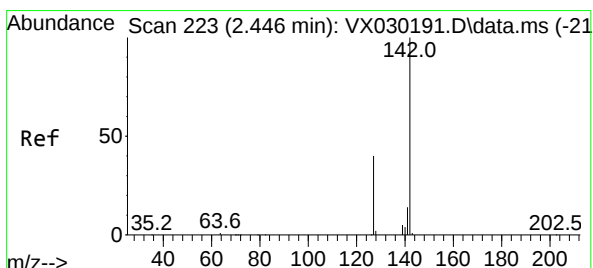
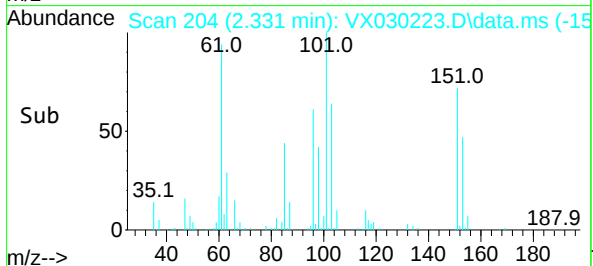
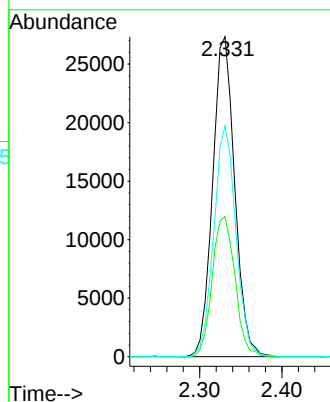
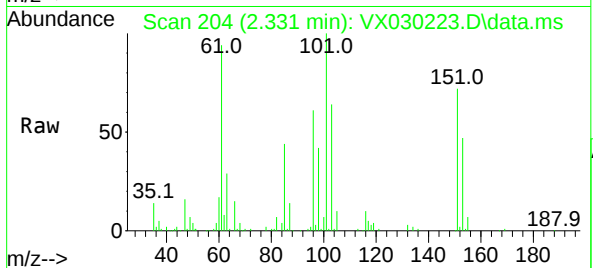
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1095.712 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 5094
Ion Ratio Lower Upper
101 100
85 45.0 34.0 51.0
151 72.5 59.4 89.0

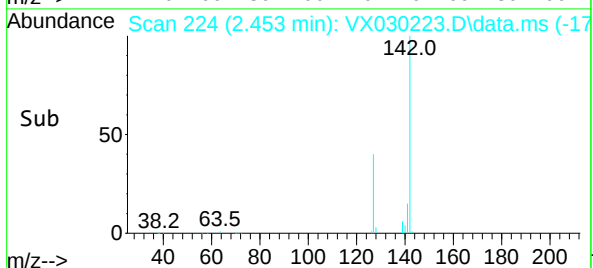
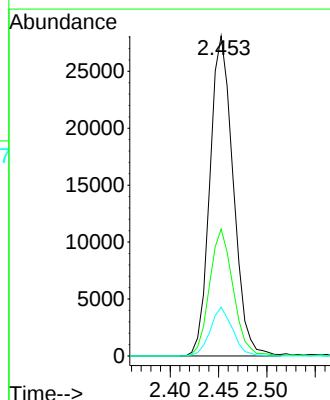
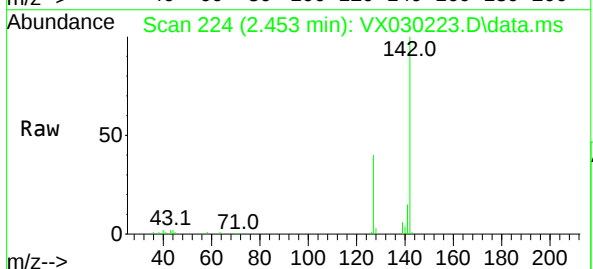
Manual Integrations
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Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#10
Methyl Iodide
Concen: 1011.257 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion:142 Resp: 47189
Ion Ratio Lower Upper
142 100
127 40.0 30.2 45.2
141 14.5 11.3 16.9





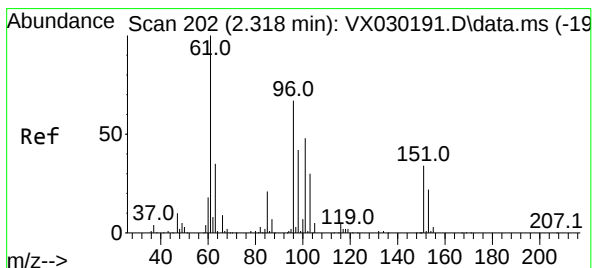
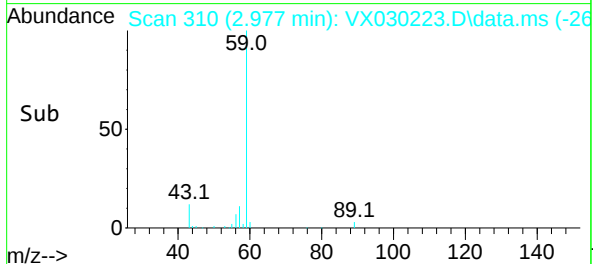
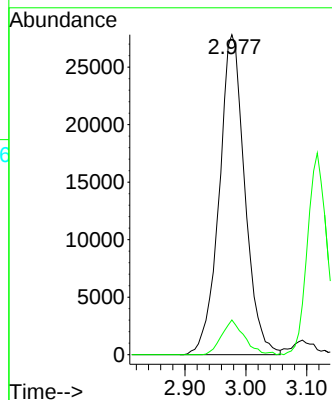
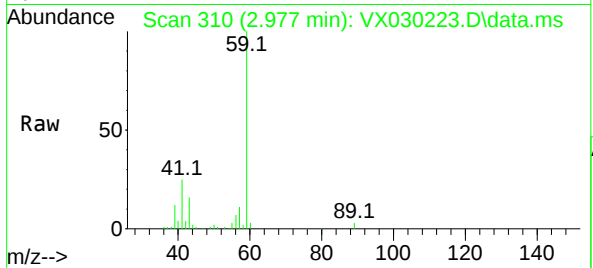
#11
Tert butyl alcohol
Concen: 5704.275 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 81350
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.2

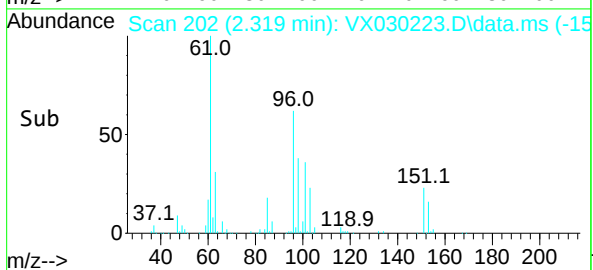
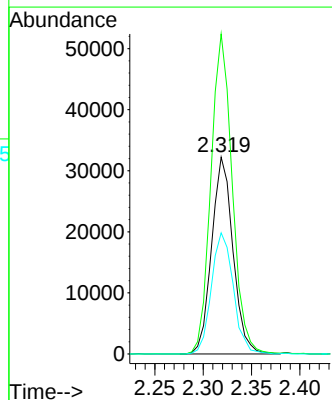
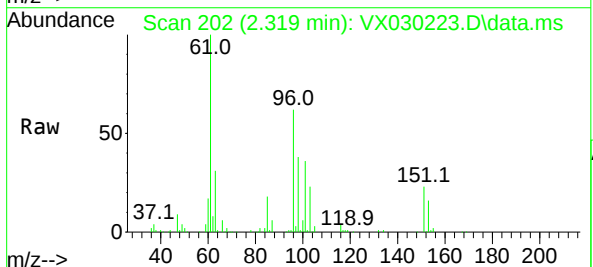
Manual Integrations
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Supervised By :Mahesh Dadoda 07/28/2022



#12
1,1-Dichloroethene
Concen: 1088.389 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

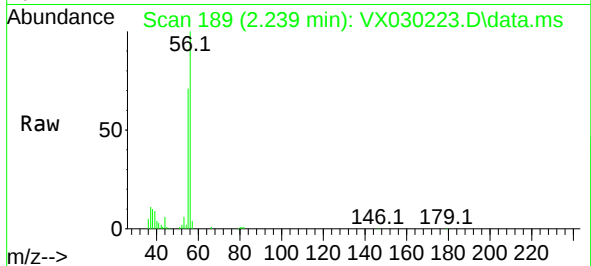
Tgt Ion: 96 Resp: 49460
Ion Ratio Lower Upper
96 100
61 162.6 117.4 176.0
98 61.5 52.2 78.4





#13
Acrolein
Concen: 5853.697 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

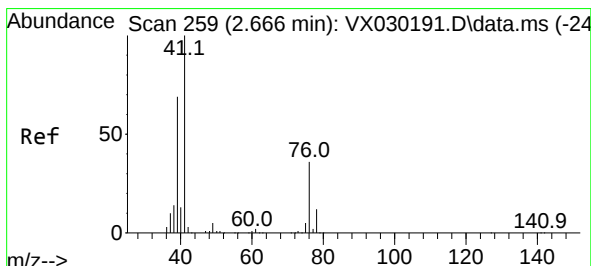
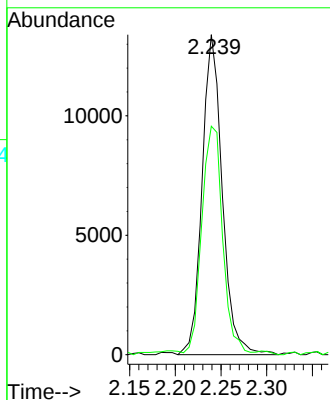
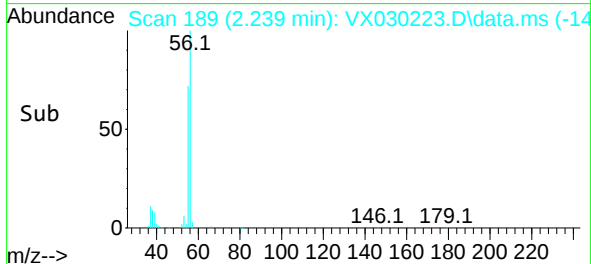
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 20520
Ion Ratio Lower Upper
56 100
55 72.5 56.6 84.8

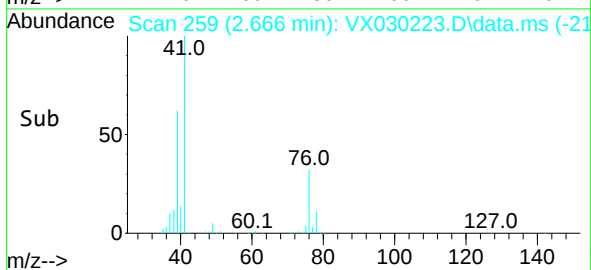
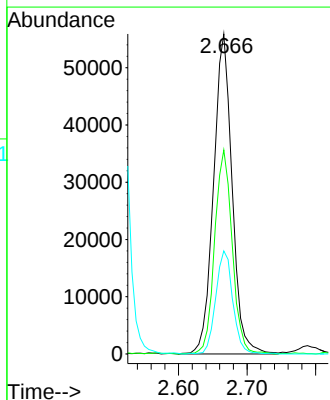
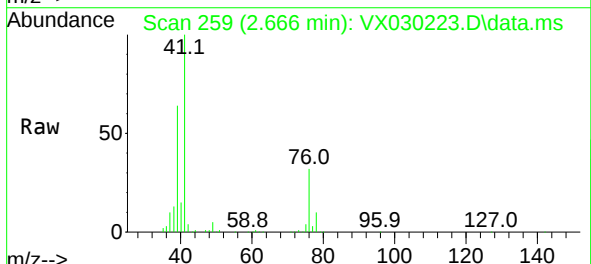
Manual Integrations
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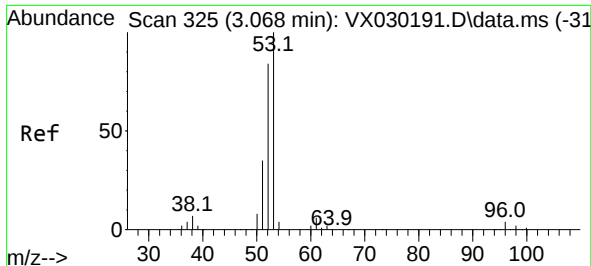
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#14
Allyl chloride
Concen: 1119.022 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

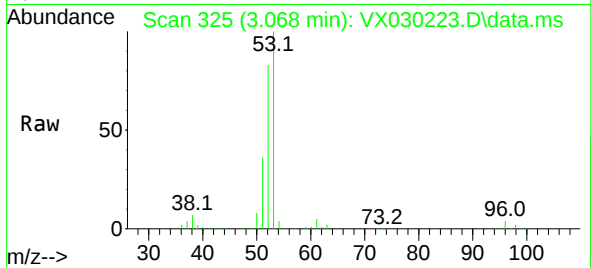
Tgt Ion: 41 Resp: 104935
Ion Ratio Lower Upper
41 100
39 60.3 48.9 73.3
76 29.5 26.9 40.3





#15
Acrylonitrile
Concen: 5415.614 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

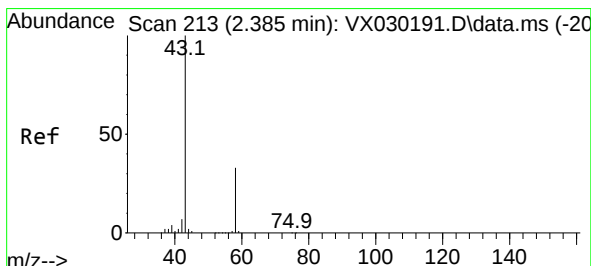
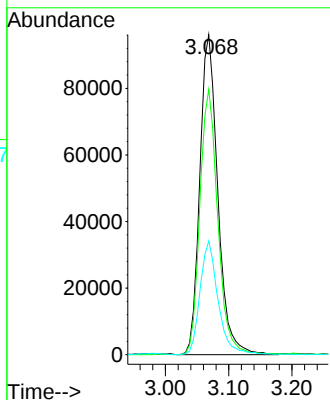
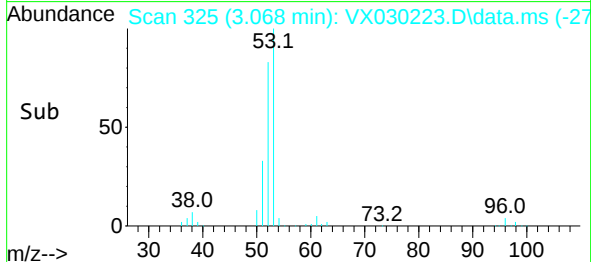
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 53 Resp: 190874
Ion Ratio Lower Upper
53 100
52 82.7 65.4 98.0
51 35.7 27.7 41.5

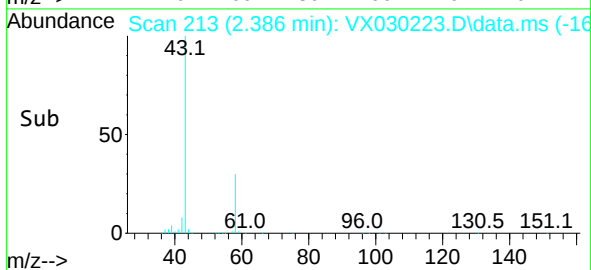
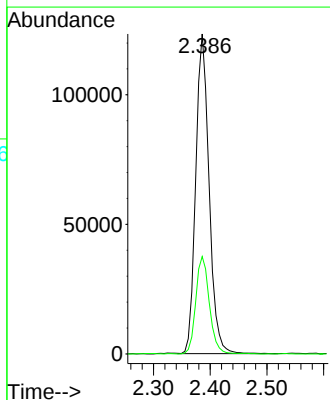
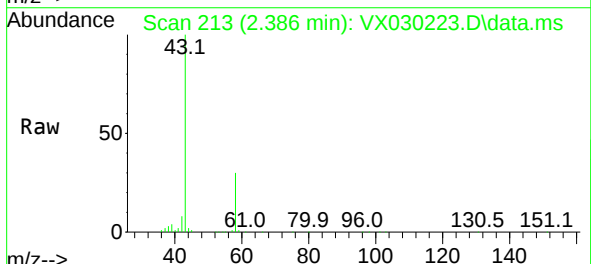
Manual Integrations
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Supervised By :Mahesh Dadoda 07/28/2022



#16
Acetone
Concen: 6733.138 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

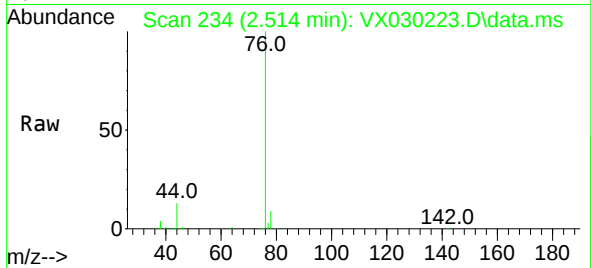
Tgt Ion: 43 Resp: 201554
Ion Ratio Lower Upper
43 100
58 30.5 27.7 41.5





#17
Carbon Disulfide
Concen: 1028.699 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

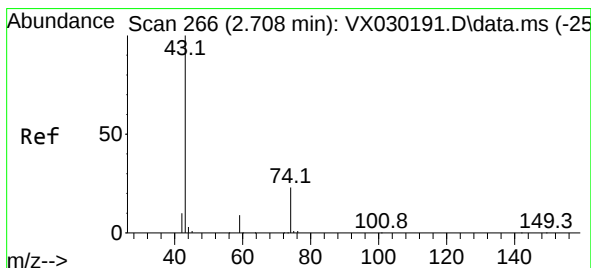
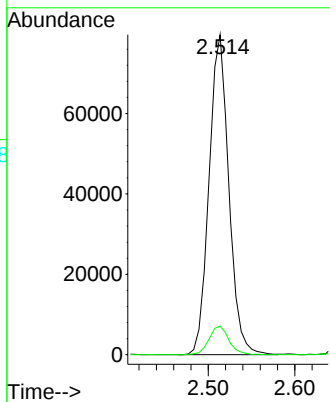
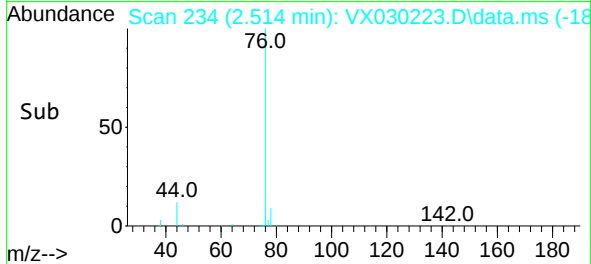
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 76 Resp: 126189
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6

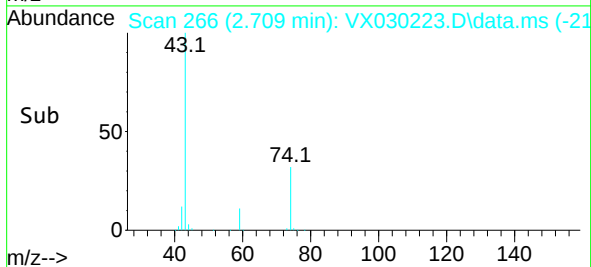
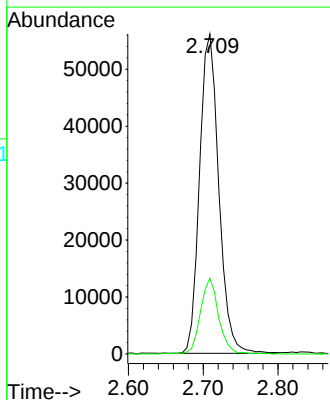
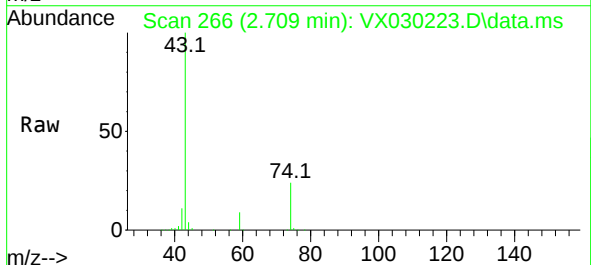
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Supervised By :Mahesh Dadoda 07/28/2022



#18
Methyl Acetate
Concen: 1130.545 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion: 43 Resp: 100100
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2





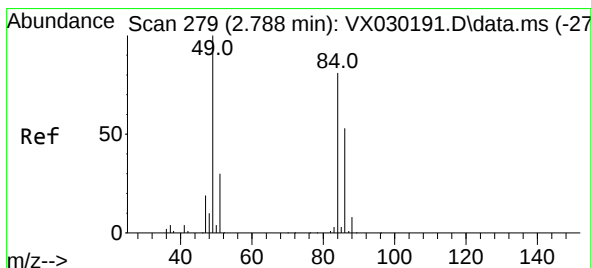
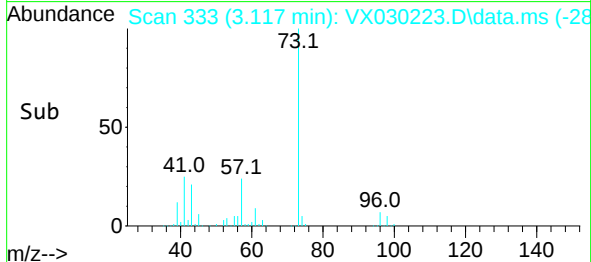
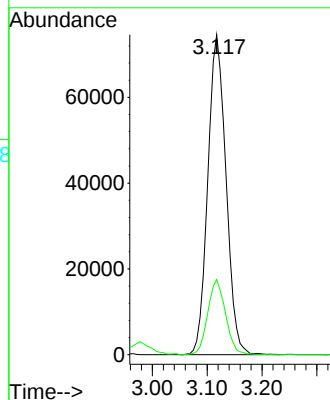
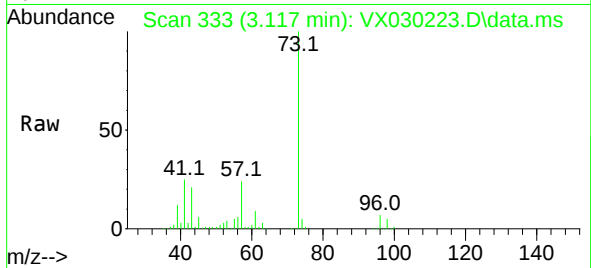
#19
Methyl tert-butyl Ether
Concen: 1103.208 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 73 Resp: 17172
Ion Ratio Lower Upper
73 100
57 23.5 19.0 28.6

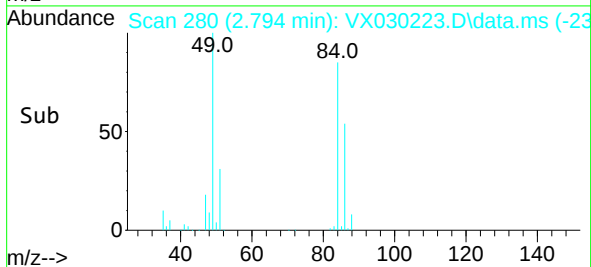
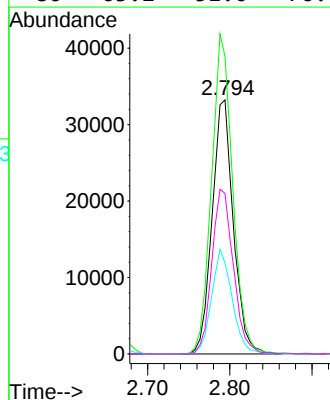
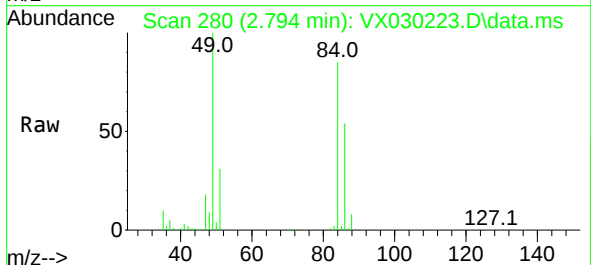
Manual Integrations
APPROVED

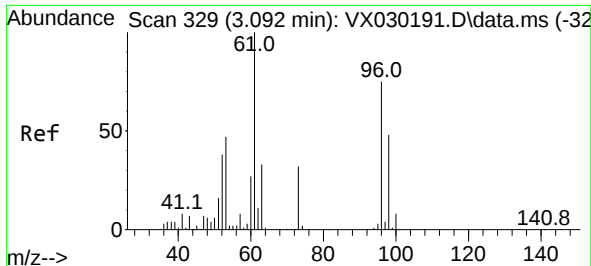
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#20
Methylene Chloride
Concen: 1222.481 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

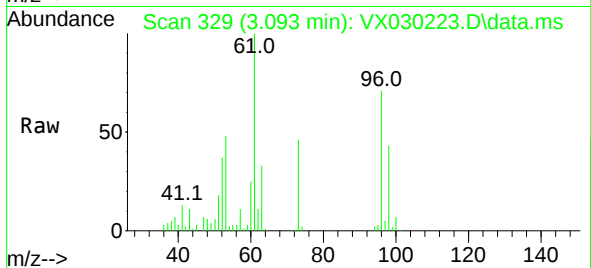
Tgt Ion: 84 Resp: 59673
Ion Ratio Lower Upper
84 100
49 117.2 93.8 140.6
51 35.8 29.4 44.0
86 63.2 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 1088.185 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

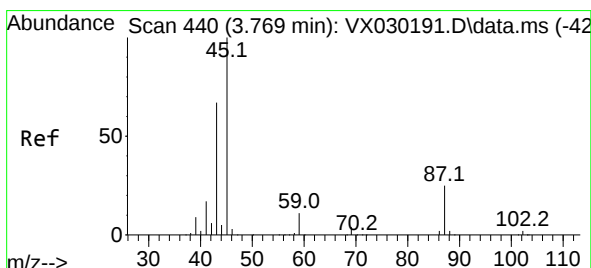
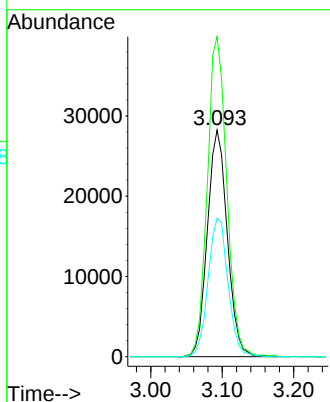
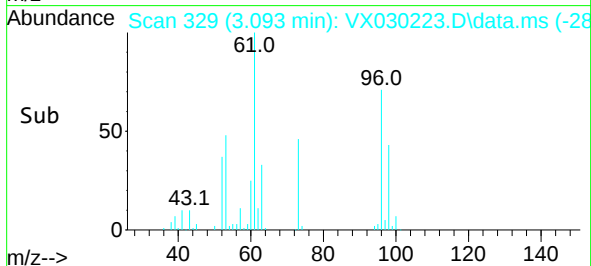
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



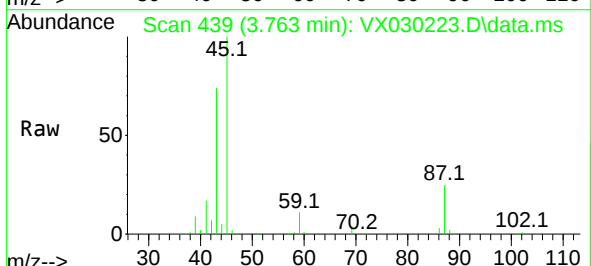
Tgt Ion: 96 Resp: 5458
Ion Ratio Lower Upper
96 100
61 141.3 105.6 158.4
98 61.1 50.1 75.1

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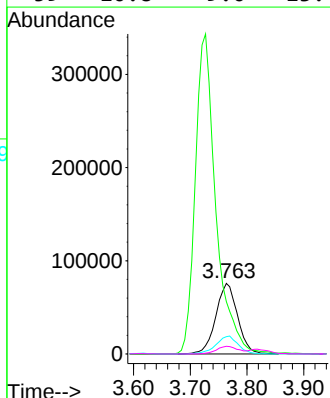
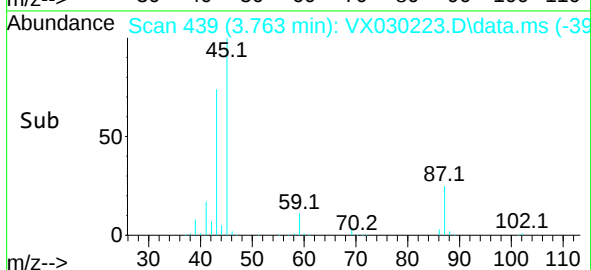
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

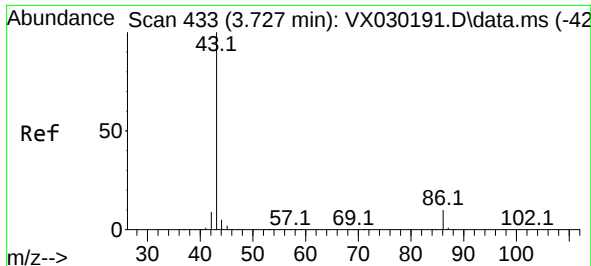


#22
Diisopropyl ether
Concen: 1135.679 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00



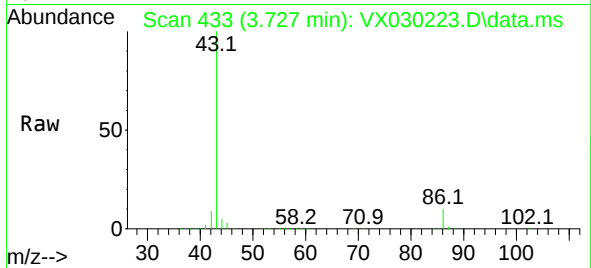
Tgt Ion: 45 Resp: 201498
Ion Ratio Lower Upper
45 100
43 72.9 65.4 98.0
87 24.6 22.3 33.5
59 10.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 5620.904 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030223.D
 Acq: 27 Jul 2022 10:00

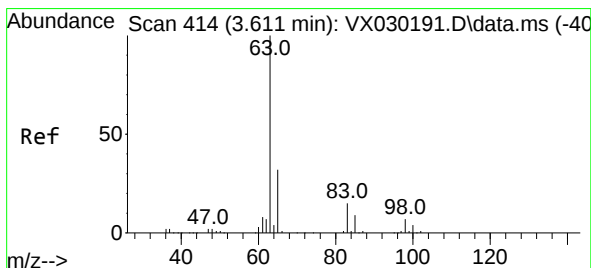
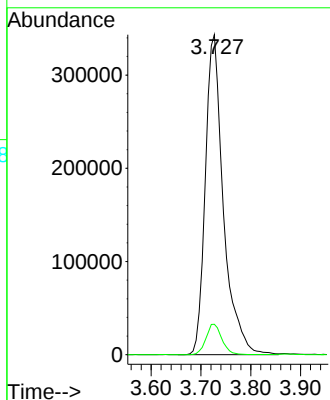
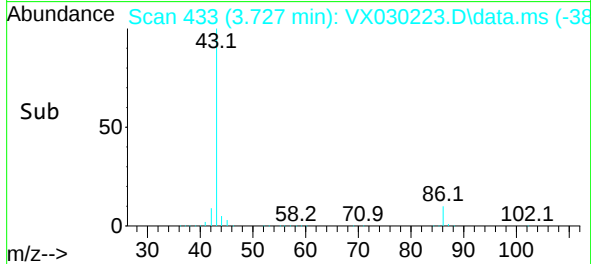
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



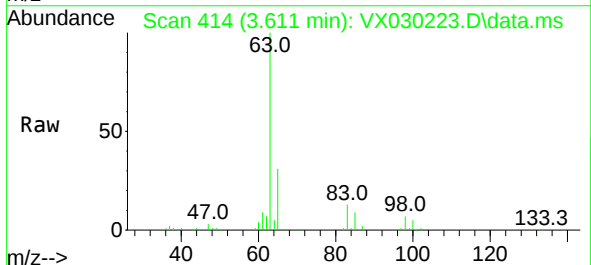
Tgt Ion: 43 Resp: 865090
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7

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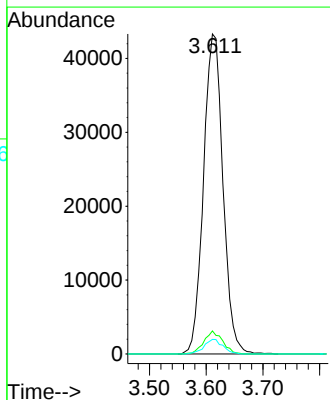
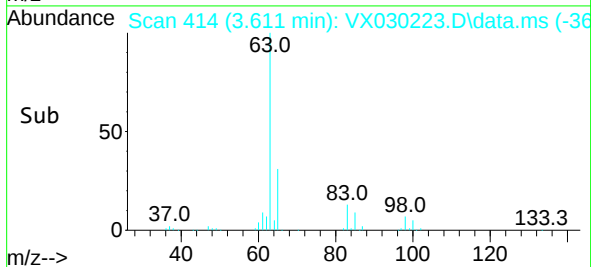
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

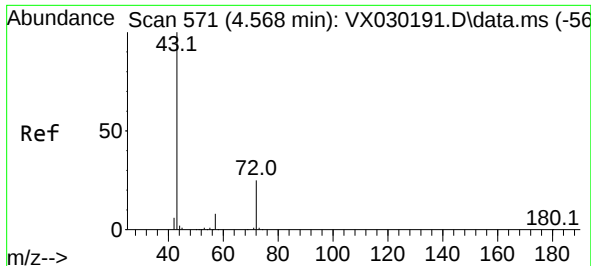


#24
 1,1-Dichloroethane
 Concen: 1096.823 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030223.D
 Acq: 27 Jul 2022 10:00



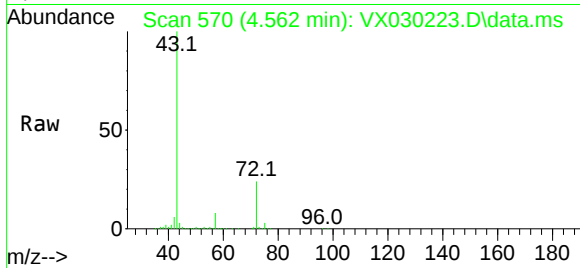
Tgt Ion: 63 Resp: 103408
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 4.6 2.3 6.9





#25
2-Butanone
Concen: 6057.219 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

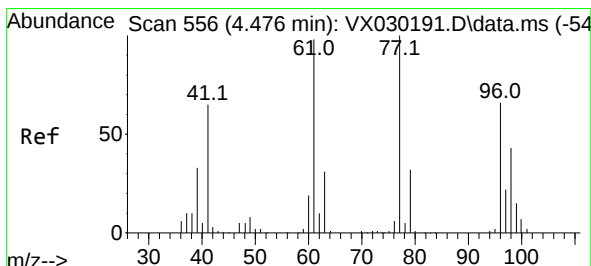
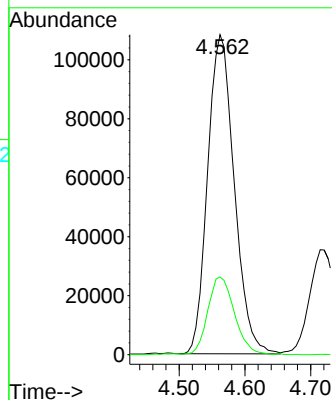
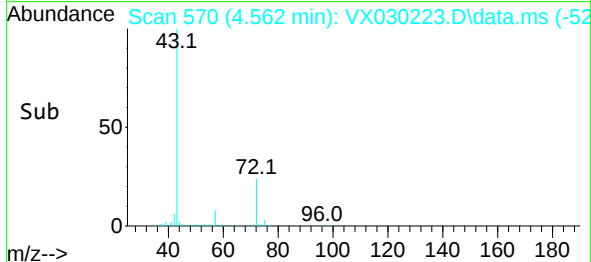
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 30469
Ion Ratio Lower Upper
43 100
72 24.1 21.7 32.5

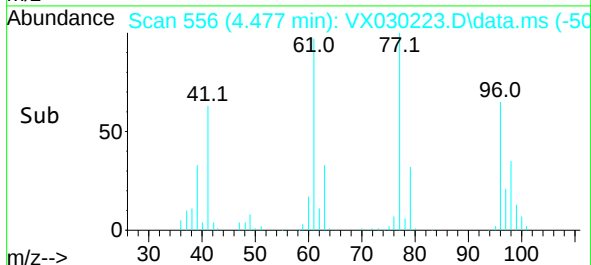
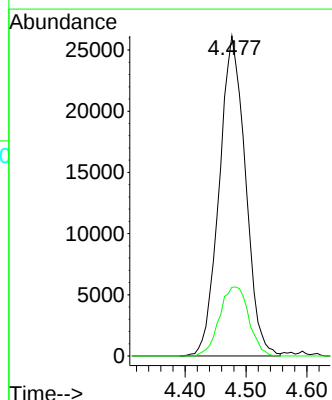
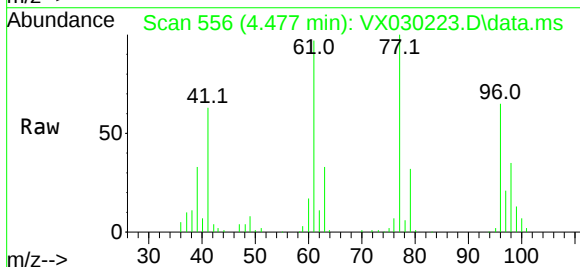
Manual Integrations
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Reviewed By :John Carlone 07/28/2022
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#26
2,2-Dichloropropane
Concen: 1145.608 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion: 77 Resp: 78100
Ion Ratio Lower Upper
77 100
97 24.0 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 1092.595 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 96 Resp: 6444

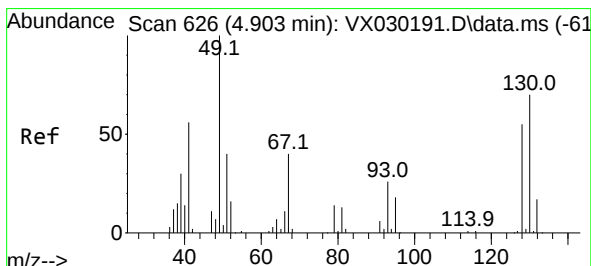
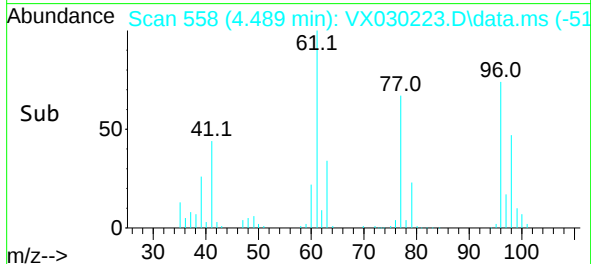
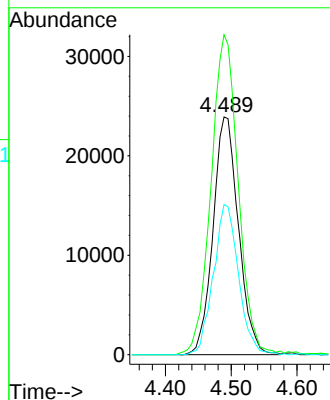
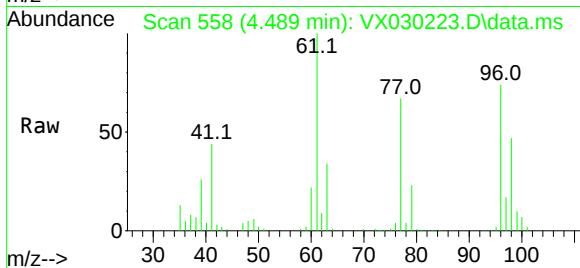
Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	270.0
98	62.4	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#28

Bromochloromethane

Concen: 1734.853 ug/l

RT: 4.897 min Scan# 625

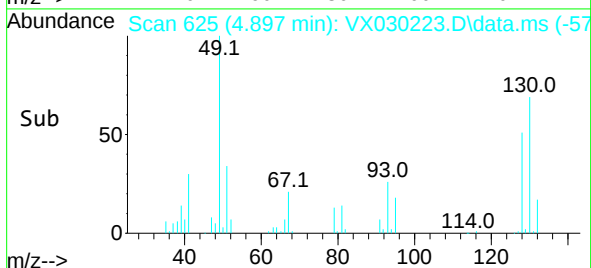
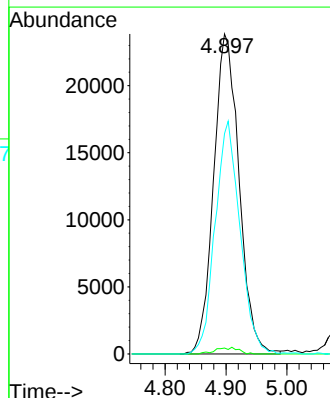
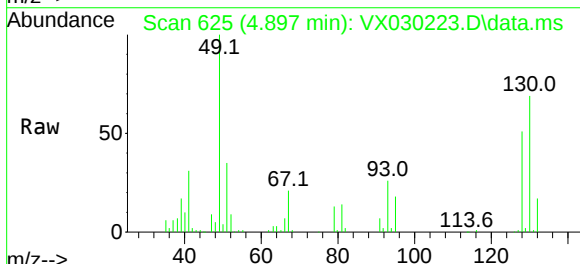
Delta R.T. -0.006 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Tgt Ion: 49 Resp: 69099

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	71.2	62.8	94.2





#29

Tetrahydrofuran

Concen: 5405.333 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX030223.D

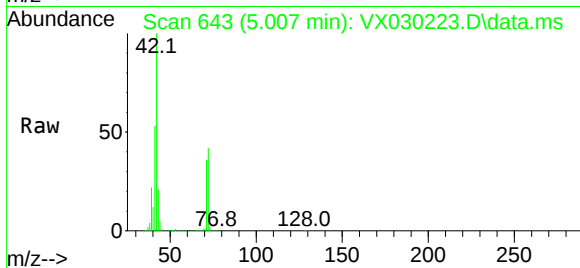
Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



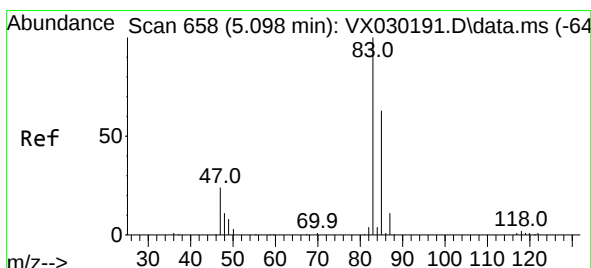
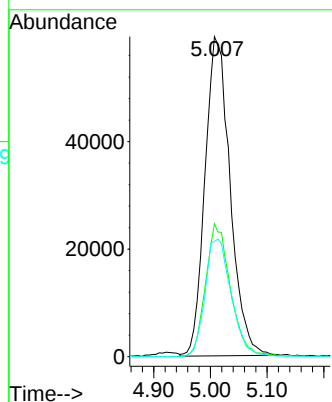
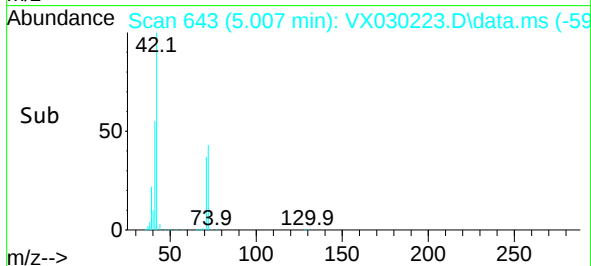
Tgt Ion:	42	Resp:	18294
Ion	Ratio	Lower	Upper
42	100		
72	41.3	36.5	54.7
71	38.4	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#30

Chloroform

Concen: 1099.952 ug/l

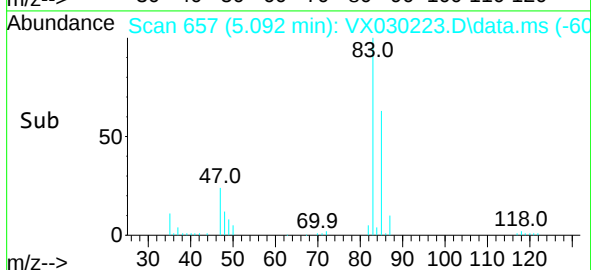
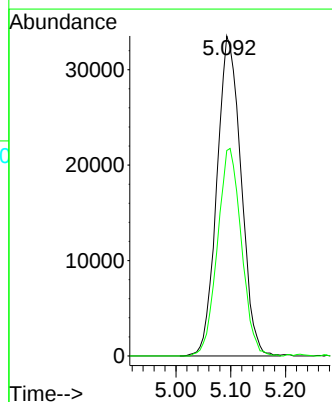
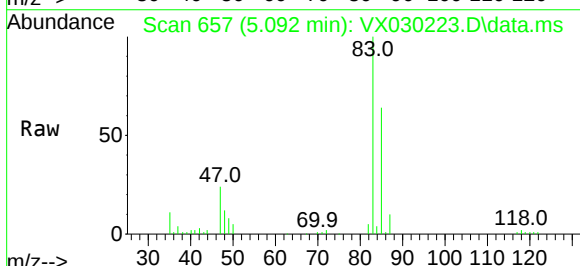
RT: 5.092 min Scan# 657

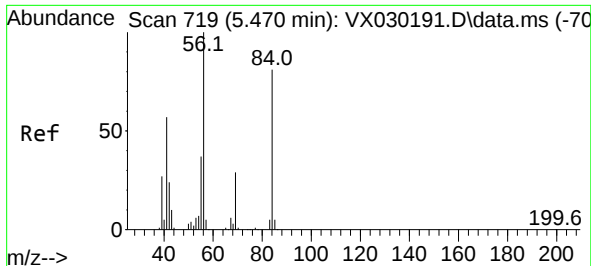
Delta R.T. -0.006 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

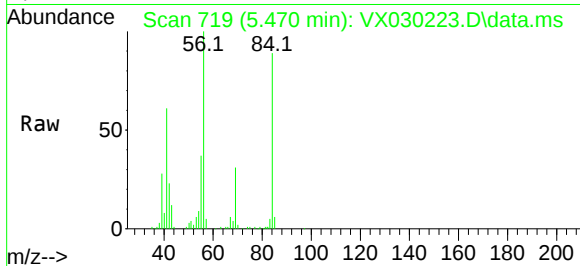
Tgt Ion:	83	Resp:	102678
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3





#31
Cyclohexane
Concen: 1092.007 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

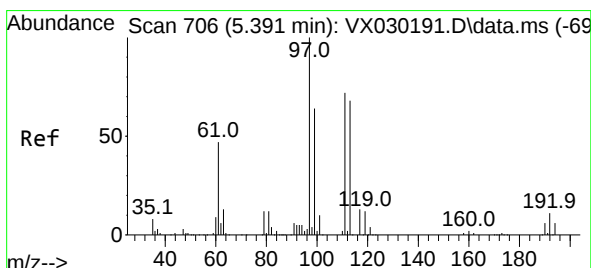
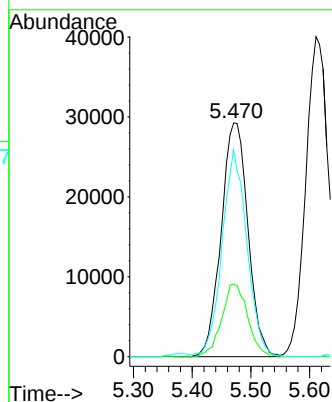
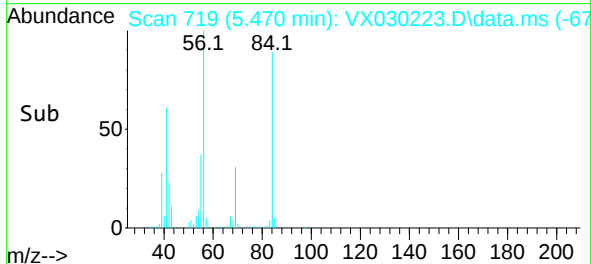
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



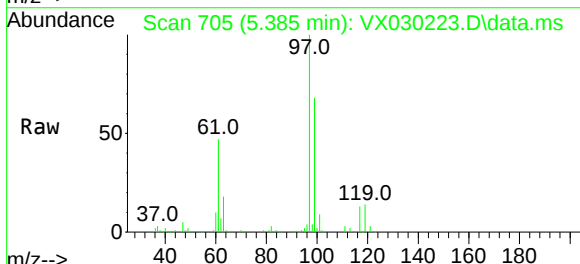
Tgt Ion: 56 Resp: 9270
Ion Ratio Lower Upper
56 100
69 31.1 25.4 38.0
84 87.8 68.9 103.3

Manual Integrations
APPROVED

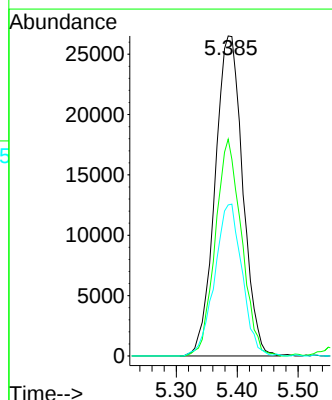
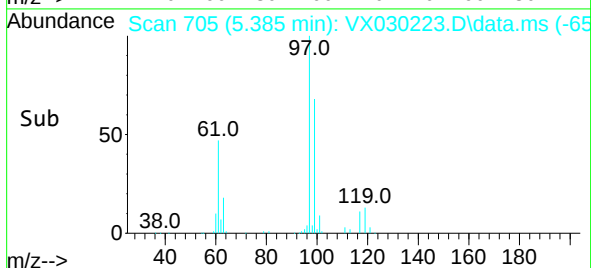
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

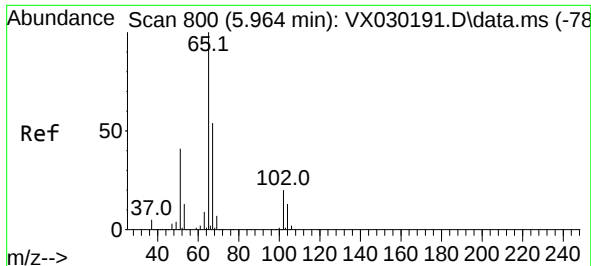


#32
1,1,1-Trichloroethane
Concen: 1103.698 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00



Tgt Ion: 97 Resp: 83746
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 46.8 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 1840.510 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 10761

Ion Ratio Lower Upper

65 100

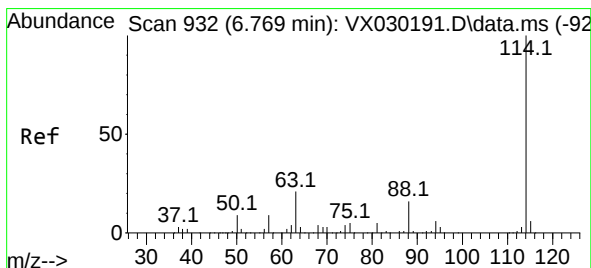
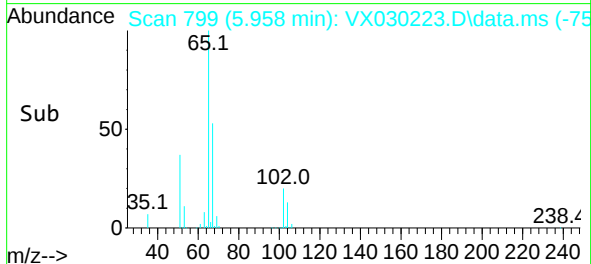
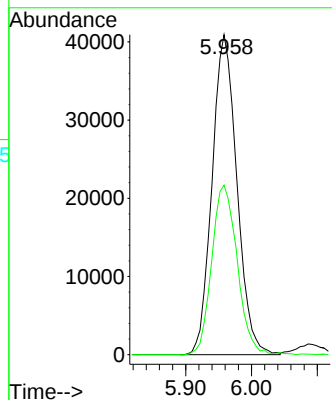
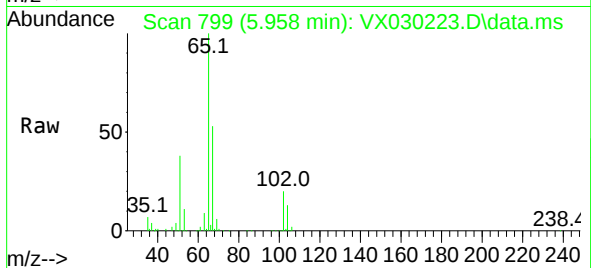
67 54.1 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

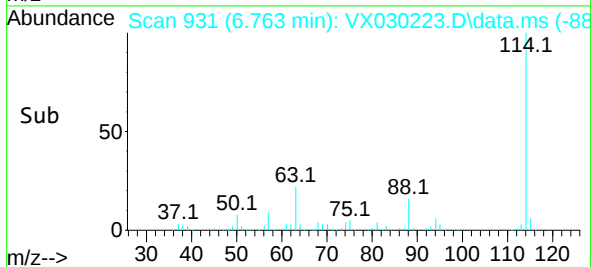
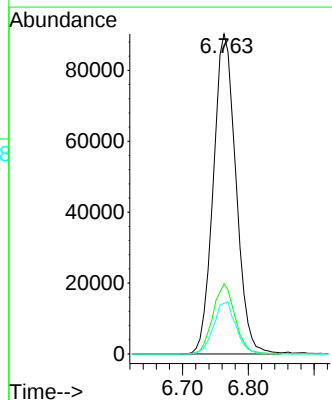
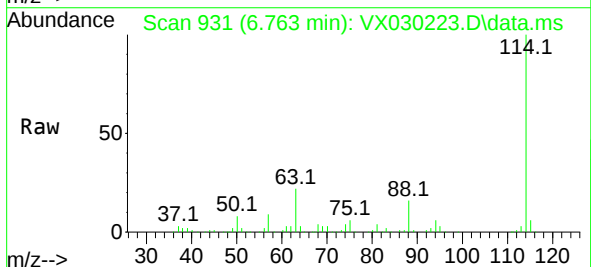
Tgt Ion:114 Resp: 216165

Ion Ratio Lower Upper

114 100

63 21.9 0.0 38.4

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 0.898 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030223.D

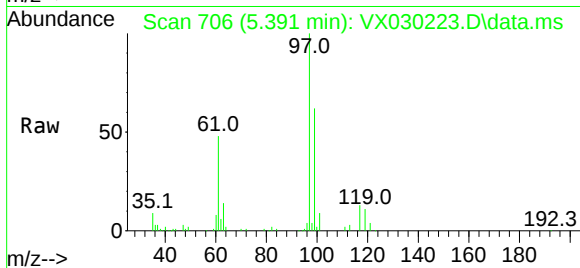
Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



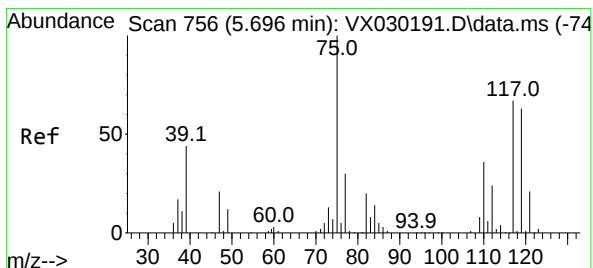
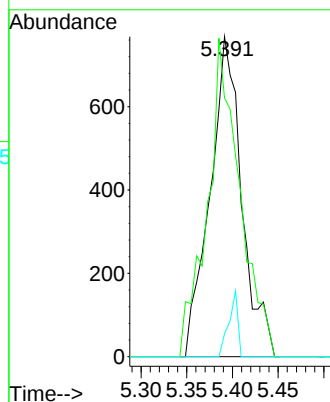
Tgt Ion:	113	Resp:	185
Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.2	124.8
192	5.9	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#36

1,1-Dichloropropene

Concen: 24.575 ug/l

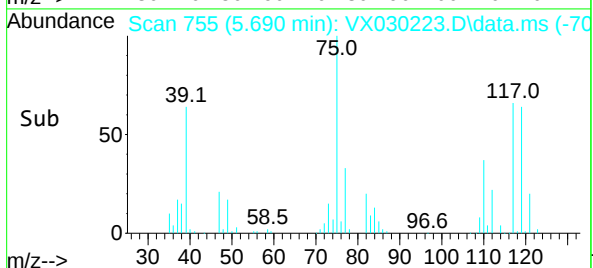
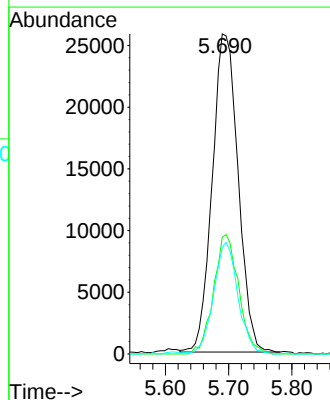
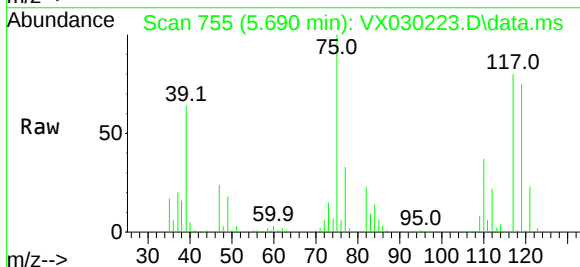
RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Tgt Ion:	75	Resp:	73083
Ion	Ratio	Lower	Upper
75	100		
110	36.4	19.3	57.9
77	33.0	24.4	36.6





#37

Ethyl Acetate

Concen: 24.687 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.005 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

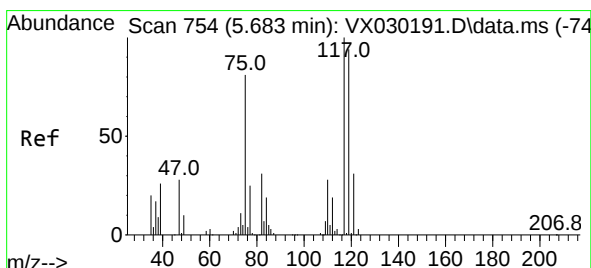
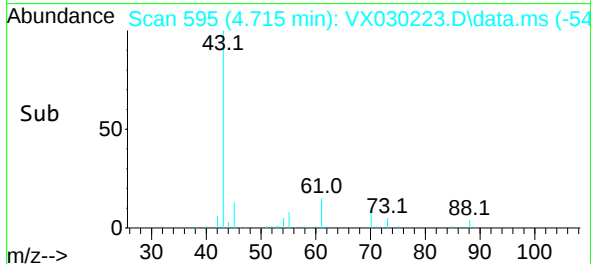
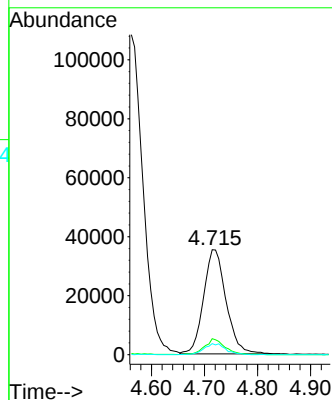
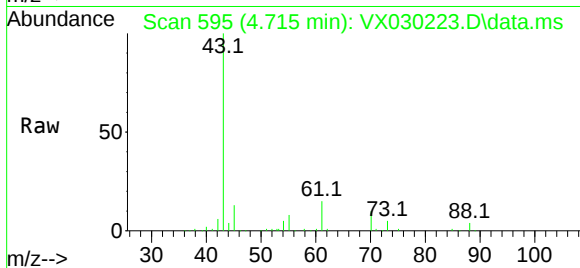
ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 103968
 Ion Ratio Lower Upper
 43 100
 61 13.0 11.7 17.5
 70 10.0 9.3 13.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#38

Carbon Tetrachloride

Concen: 25.095 ug/l

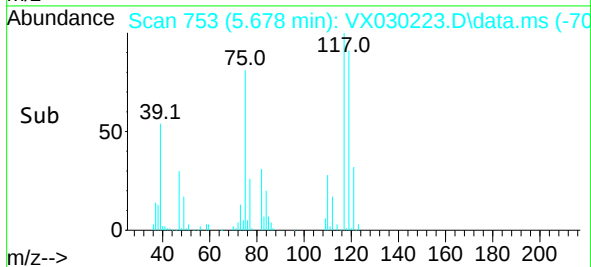
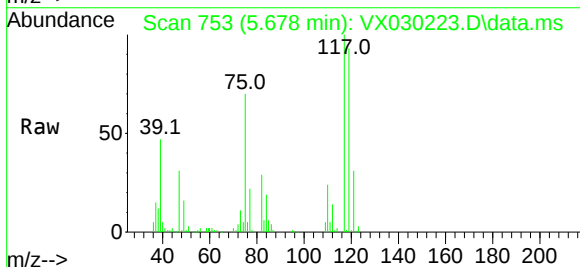
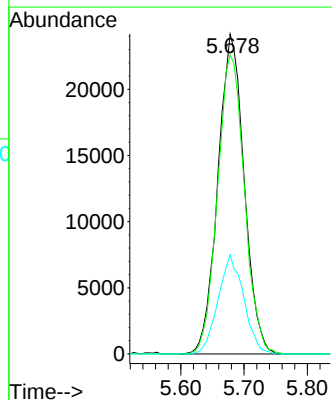
RT: 5.678 min Scan# 753

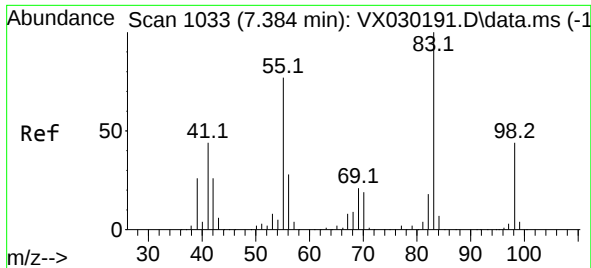
Delta R.T. -0.005 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

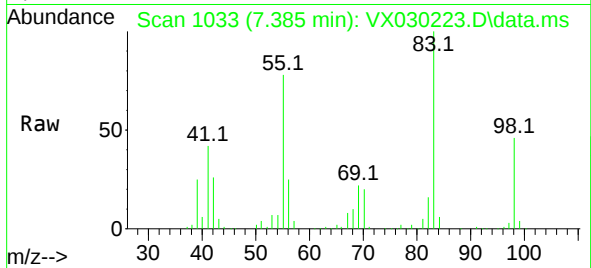
Tgt Ion:117 Resp: 69670
 Ion Ratio Lower Upper
 117 100
 119 93.5 74.1 111.1
 121 31.1 25.8 38.8





#39
Methylcyclohexane
Concen: 24.502 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

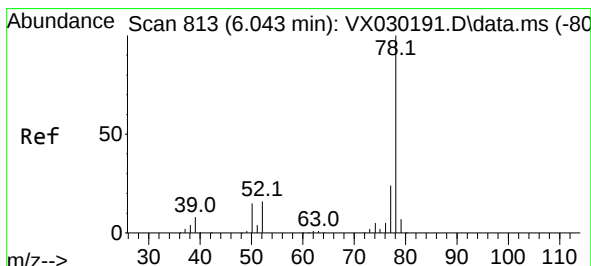
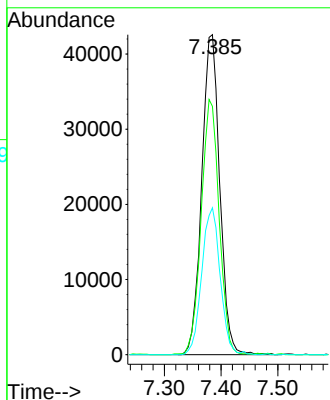
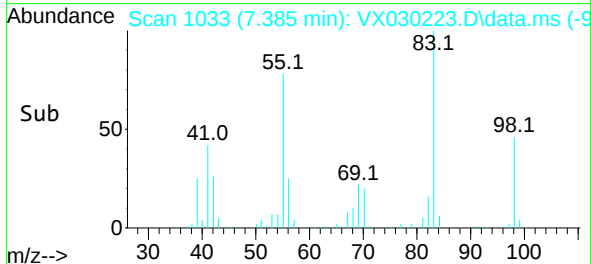
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 9405
Ion Ratio Lower Upper
83 100
55 77.4 57.7 86.5
98 45.9 36.5 54.7

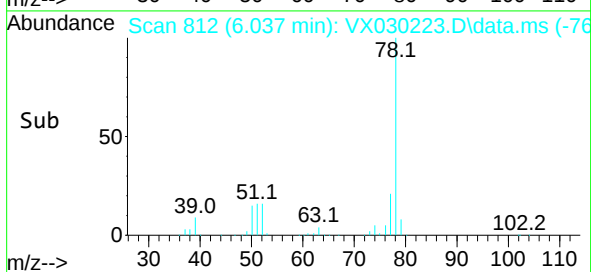
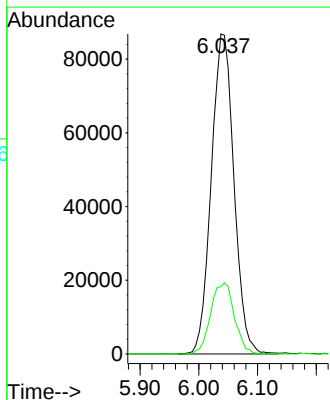
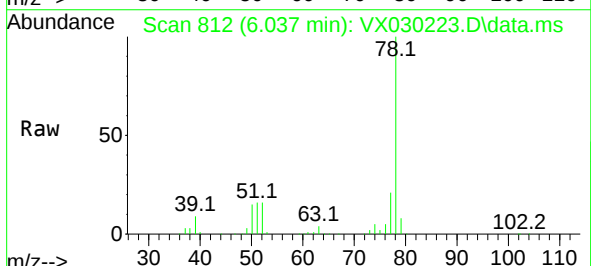
Manual Integrations
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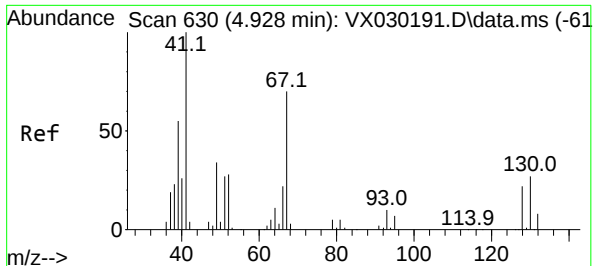
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#40
Benzene
Concen: 24.861 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion: 78 Resp: 232613
Ion Ratio Lower Upper
78 100
77 21.0 18.0 27.0





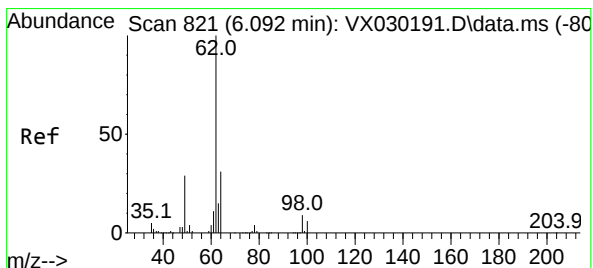
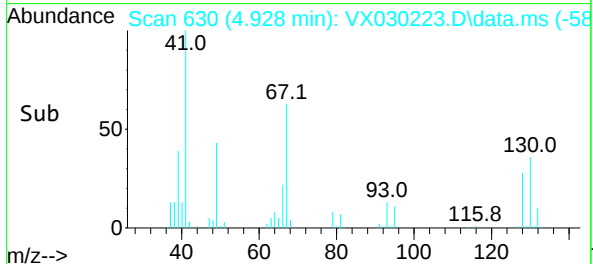
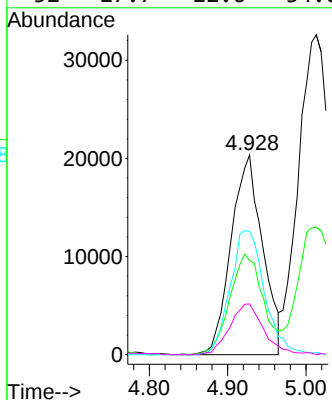
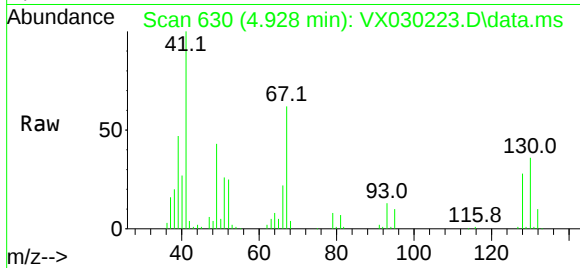
#41
Methacrylonitrile
Concen: 25.195 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 56870
Ion Ratio Lower Upper
41 100
39 53.3 42.9 64.3
67 67.9 60.1 90.1
52 27.7 22.6 34.0

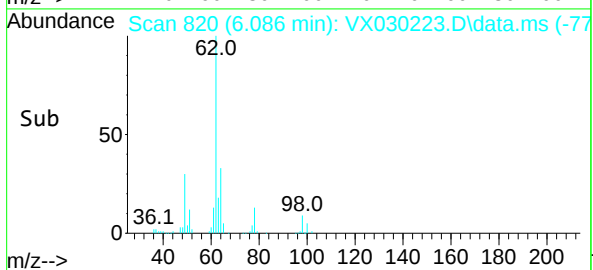
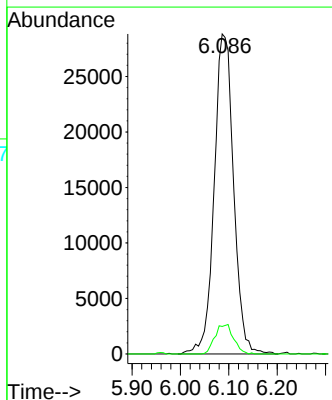
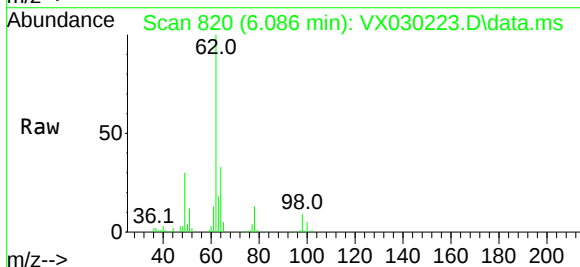
Manual Integrations
APPROVED

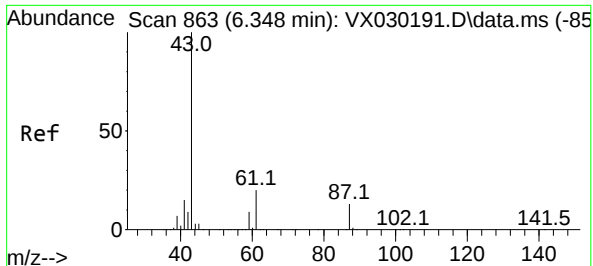
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#42
1,2-Dichloroethane
Concen: 24.826 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

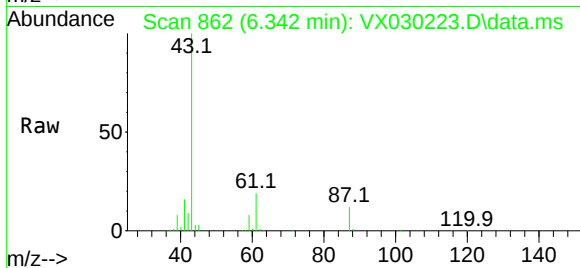
Tgt Ion: 62 Resp: 80263
Ion Ratio Lower Upper
62 100
98 8.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 24.791 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

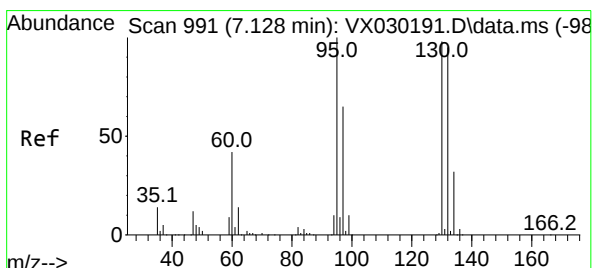
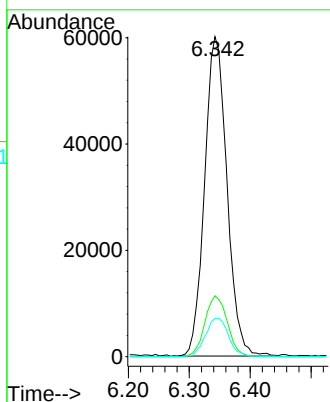
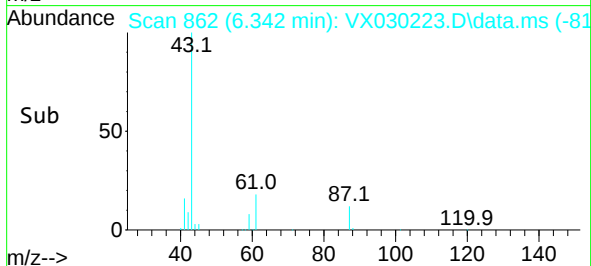
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 153049
Ion Ratio Lower Upper
43 100
61 19.2 16.5 24.7
87 12.5 11.1 16.7

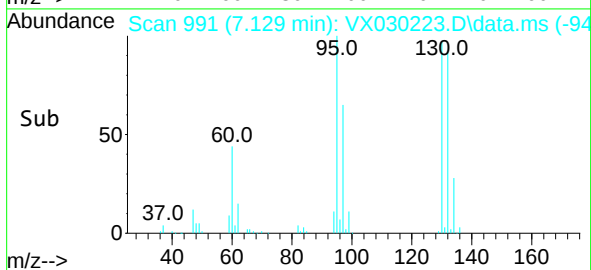
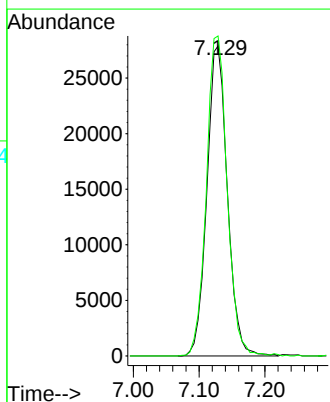
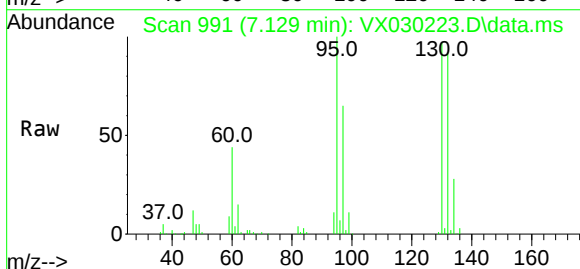
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#44
Trichloroethene
Concen: 23.670 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion:130 Resp: 60514
Ion Ratio Lower Upper
130 100
95 103.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 24.885 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 6210

Ion Ratio Lower Upper

63 100

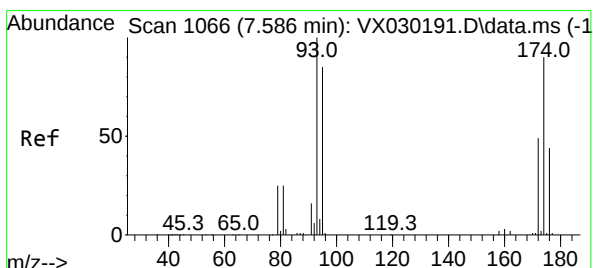
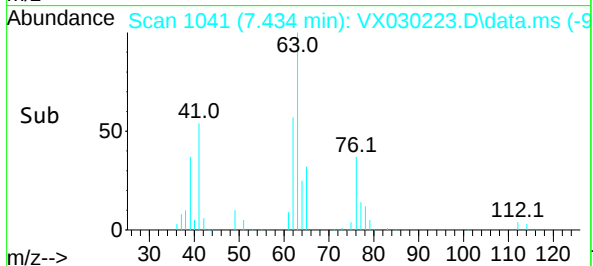
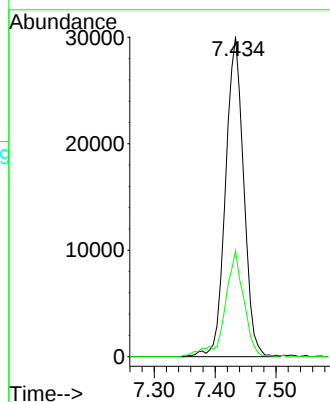
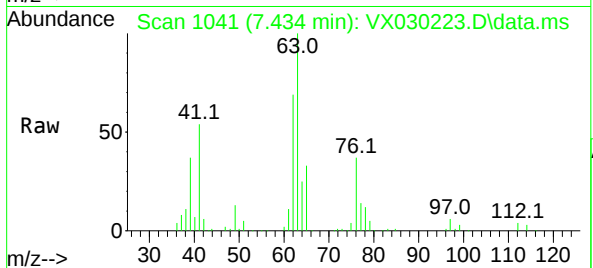
65 33.2 25.2 37.8

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#46

Dibromomethane

Concen: 23.783 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

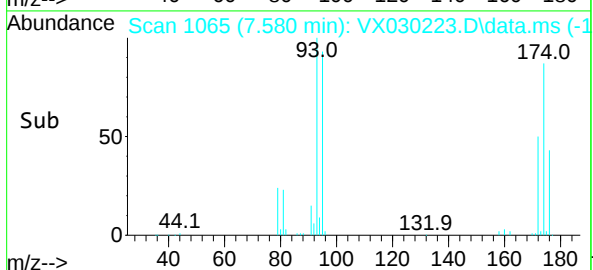
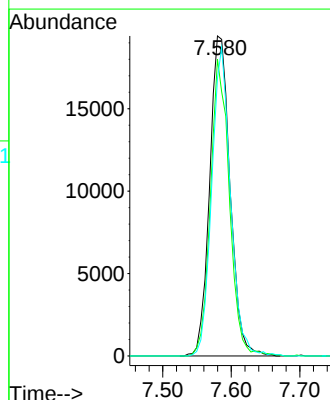
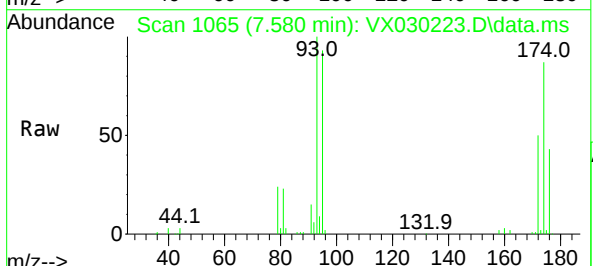
Tgt Ion: 93 Resp: 40361

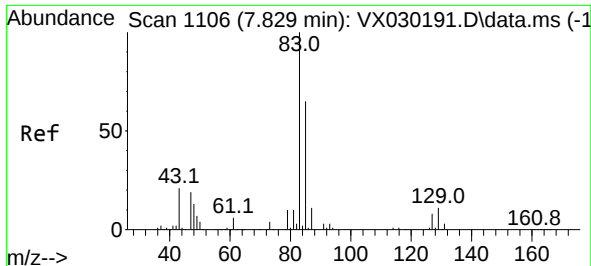
Ion Ratio Lower Upper

93 100

95 85.5 67.4 101.0

174 88.7 75.6 113.4





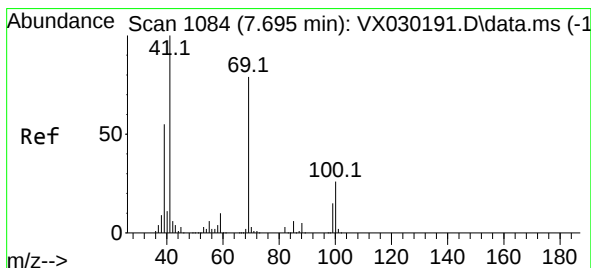
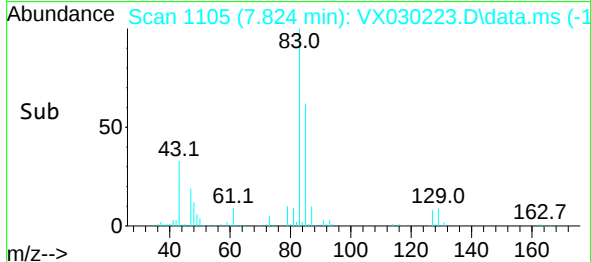
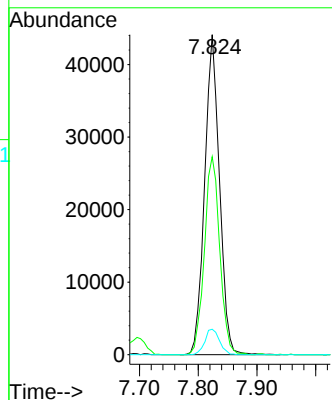
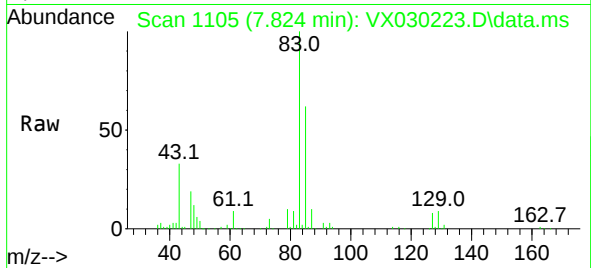
#47
Bromodichloromethane
Concen: 25.121 ug/l
RT: 7.824 min Scan# 1106
Delta R.T. -0.005 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 77502
Ion Ratio Lower Upper
83 100
85 61.9 53.5 80.3
127 7.9 6.6 10.0

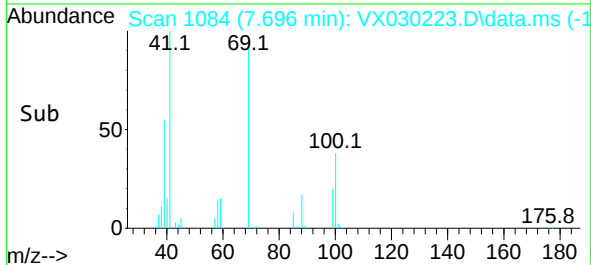
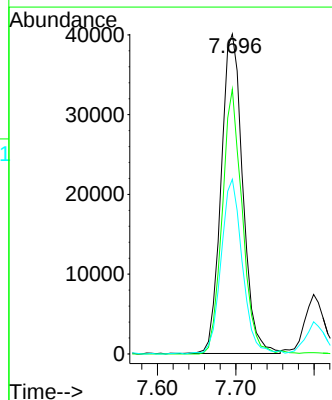
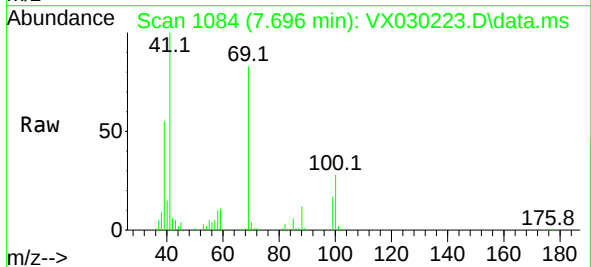
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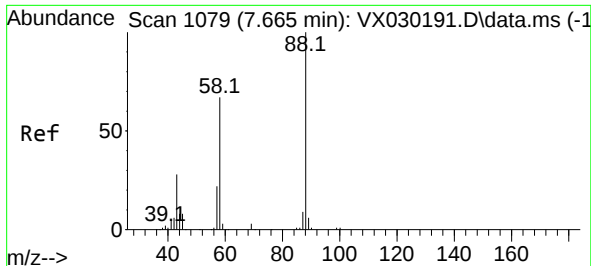
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#48
Methyl methacrylate
Concen: 25.373 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion: 41 Resp: 77098
Ion Ratio Lower Upper
41 100
69 76.8 68.8 103.2
39 53.7 44.6 66.8





#49

1,4-Dioxane

Concen: 460.289 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 32304

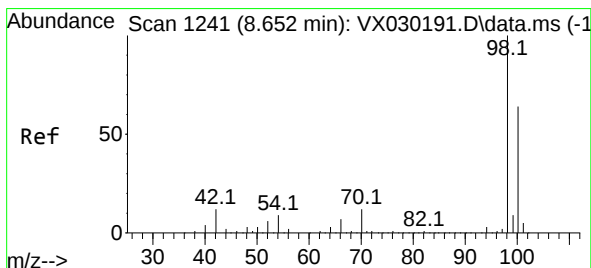
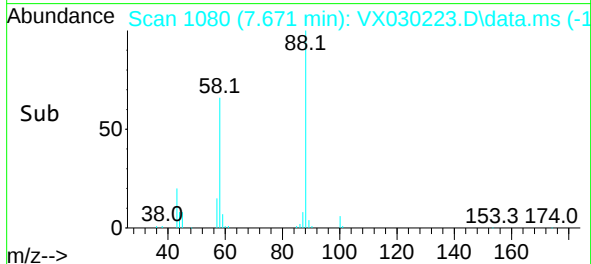
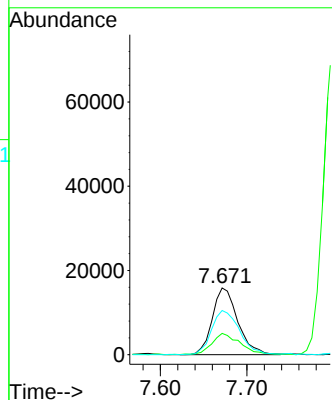
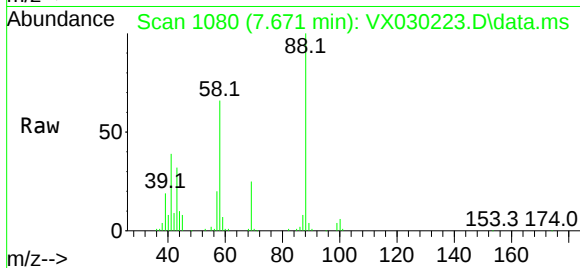
Ion	Ratio	Lower	Upper
88	100		
43	36.3	23.8	35.8
58	73.0	53.8	80.6

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#50

Toluene-d8

Concen: 40.002 ug/l

RT: 8.647 min Scan# 1240

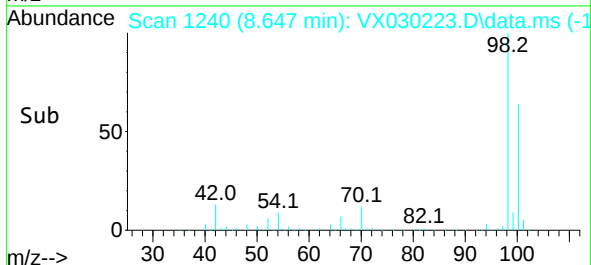
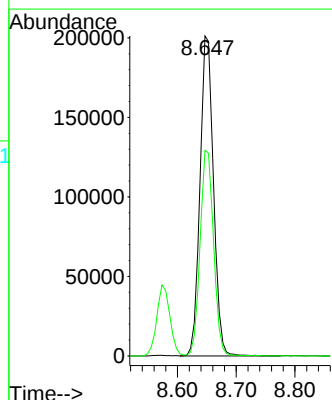
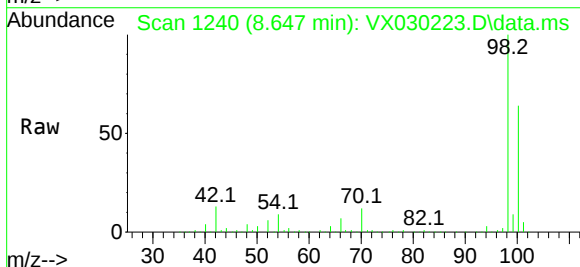
Delta R.T. -0.005 min

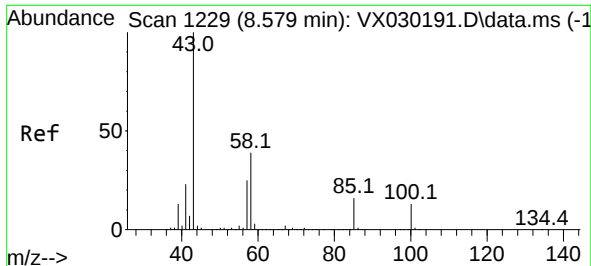
Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Tgt Ion: 98 Resp: 320114

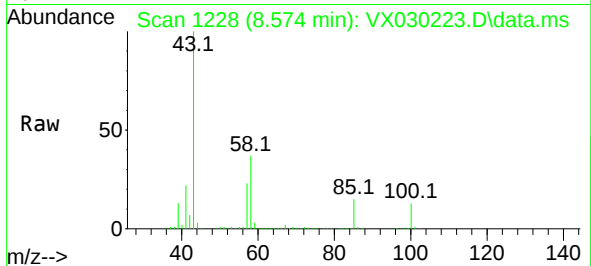
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 124.883 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.005 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

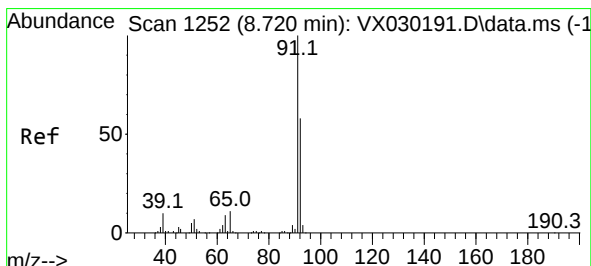
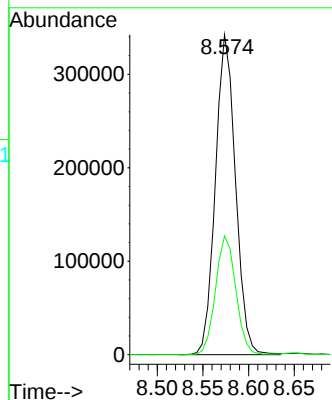
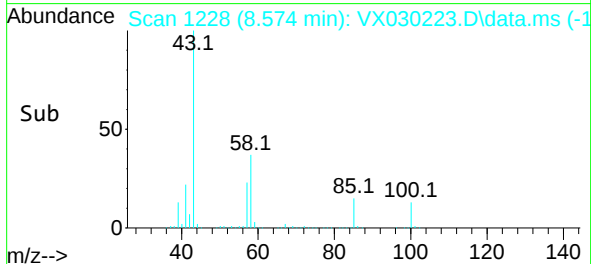
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



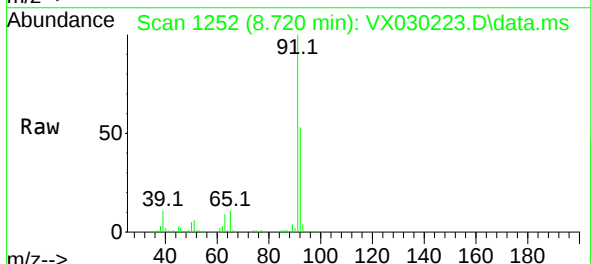
Tgt Ion: 43 Resp: 523398
Ion Ratio Lower Upper
43 100
58 37.5 31.4 47.2

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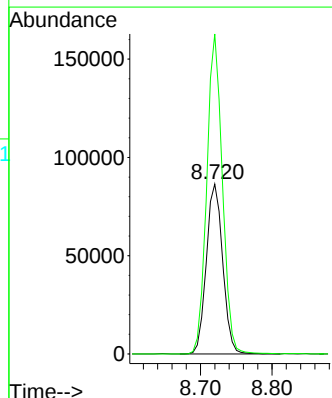
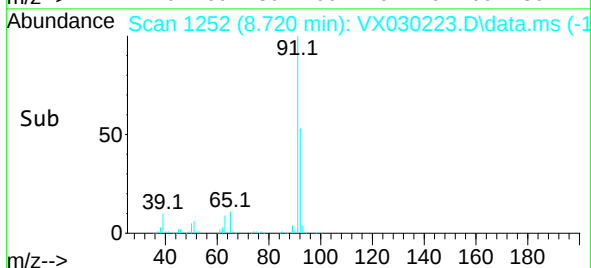
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

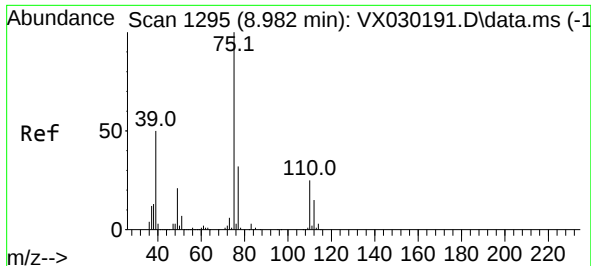


#52
Toluene
Concen: 24.086 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00



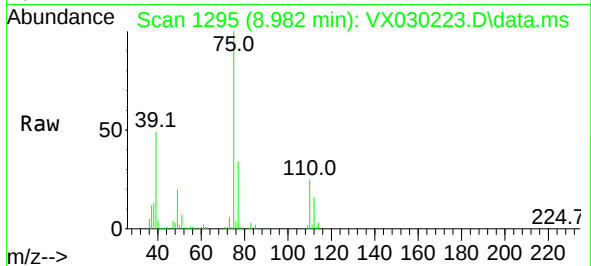
Tgt Ion: 92 Resp: 137496
Ion Ratio Lower Upper
92 100
91 179.7 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 24.674 ug/l
RT: 8.982 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

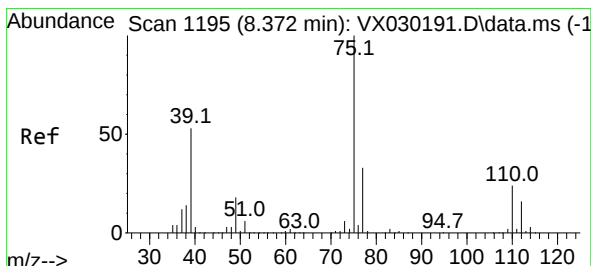
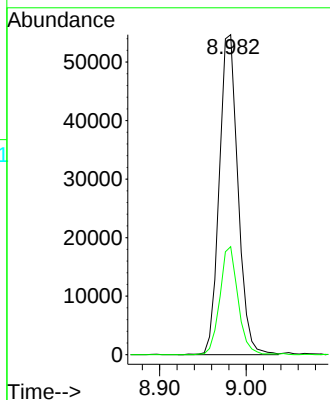
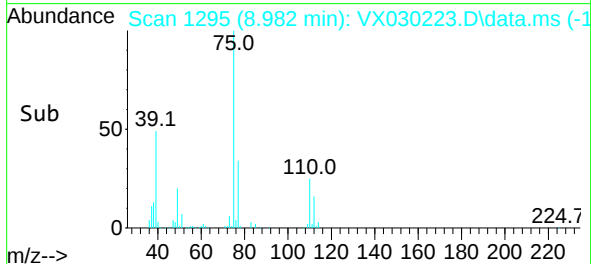
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



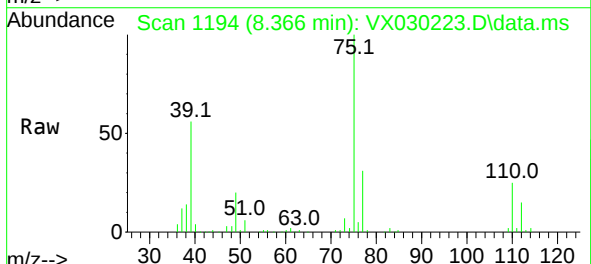
Tgt Ion: 75 Resp: 8205
Ion Ratio Lower Upper
75 100
77 33.7 26.3 39.5

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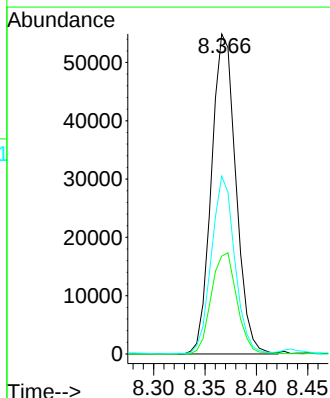
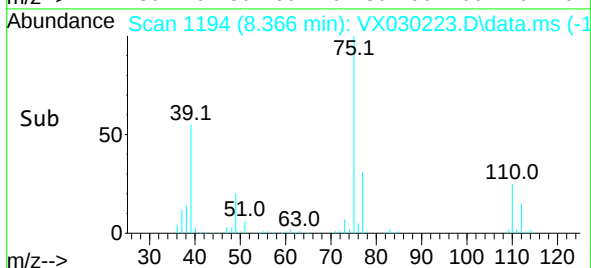
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

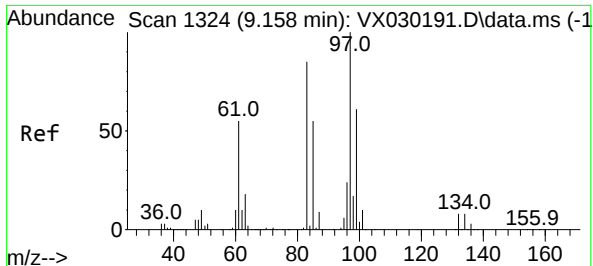


#54
cis-1,3-Dichloropropene
Concen: 25.079 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00



Tgt Ion: 75 Resp: 90889
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.4
39 55.4 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 24.698 ug/l

RT: 9.153 min Scan# 1324

Delta R.T. -0.005 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 97 Resp: 60028

Ion Ratio Lower Upper

97 100

83 84.3 68.9 103.3

85 51.4 44.0 66.0

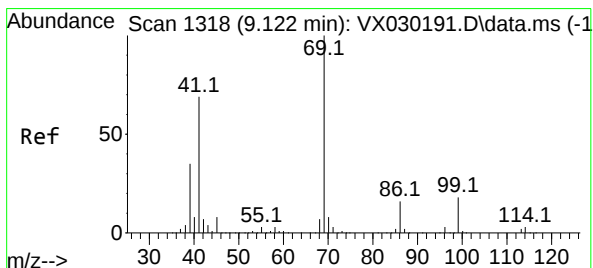
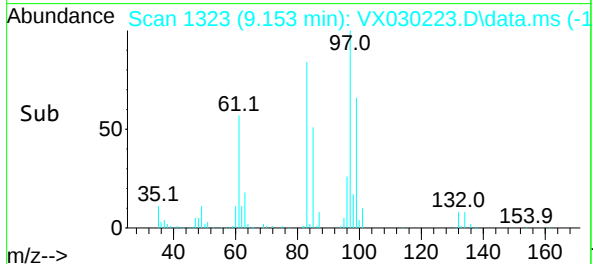
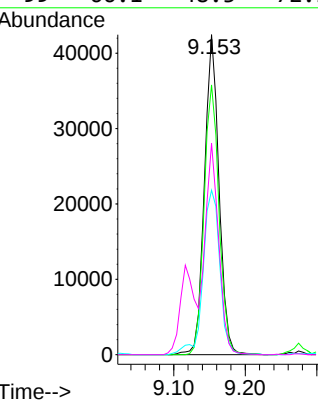
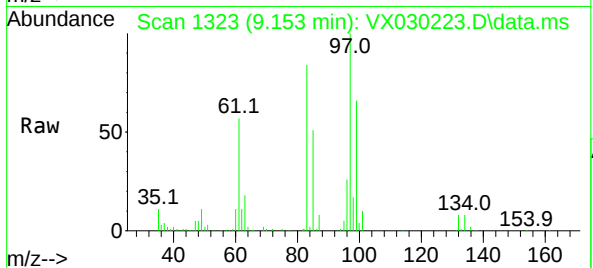
99 66.1 48.3 72.5

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#56

Ethyl methacrylate

Concen: 25.087 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

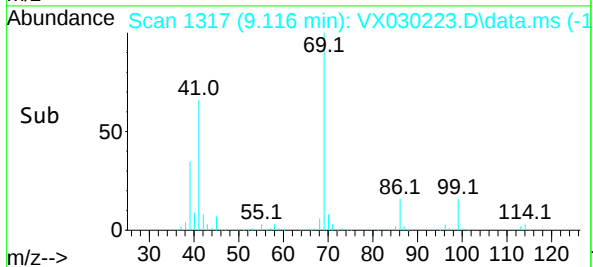
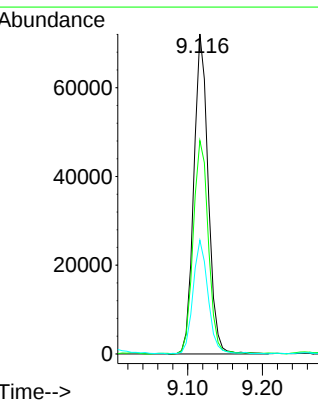
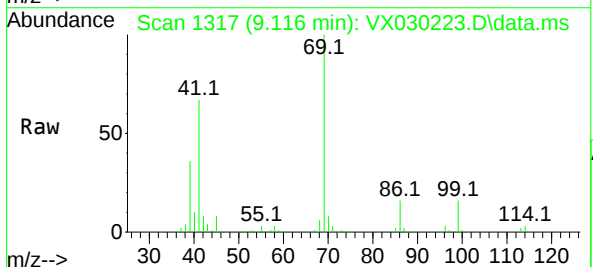
Tgt Ion: 69 Resp: 96391

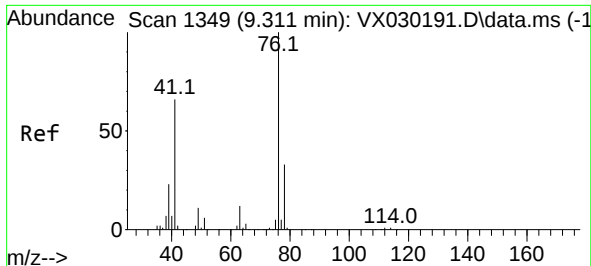
Ion Ratio Lower Upper

69 100

41 70.7 52.3 78.5

39 37.0 28.2 42.4





#57

1,3-Dichloropropane

Concen: 24.706 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 76 Resp: 9912

Ion Ratio Lower Upper

76 100

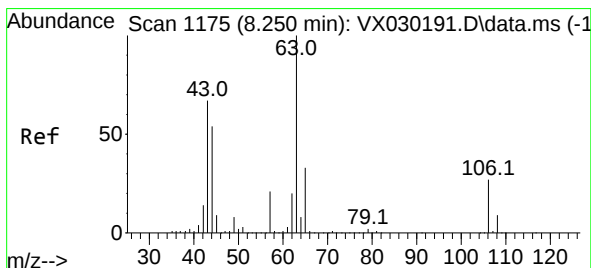
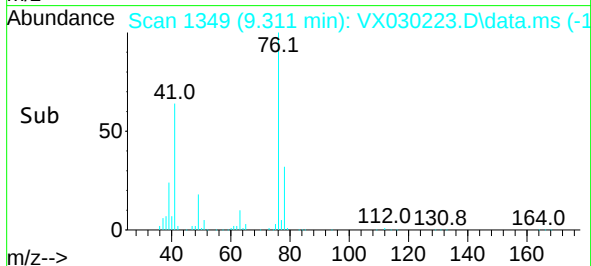
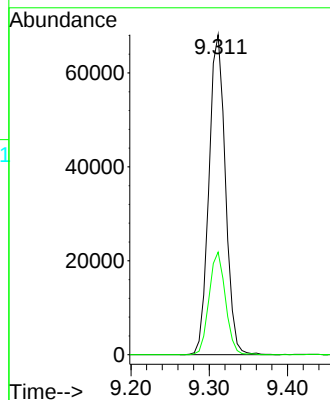
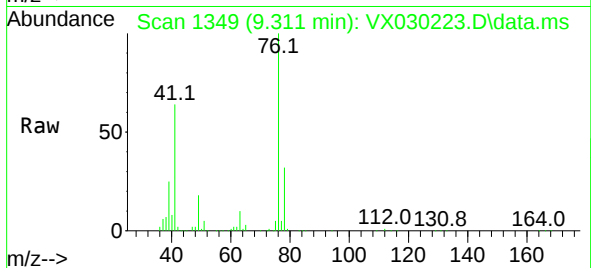
78 32.0 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 134.154 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX030223.D

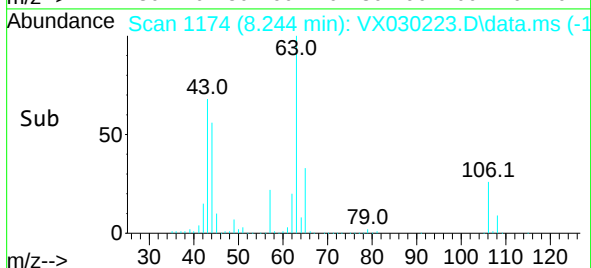
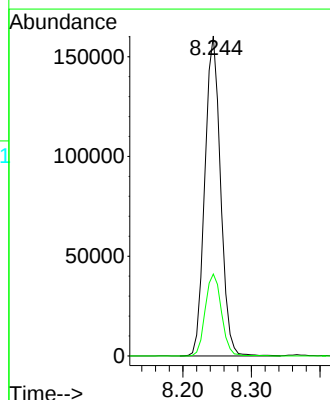
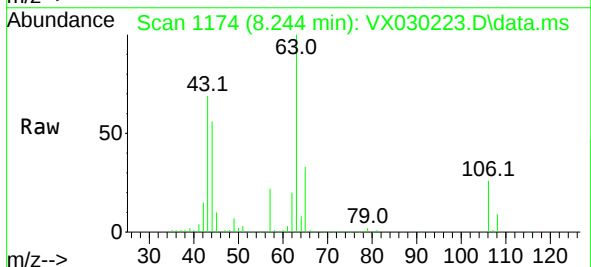
Acq: 27 Jul 2022 10:00

Tgt Ion: 63 Resp: 255816

Ion Ratio Lower Upper

63 100

106 26.4 22.2 33.2





#59

2-Hexanone

Concen: 129.856 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 42937

Ion Ratio Lower Upper

43 100

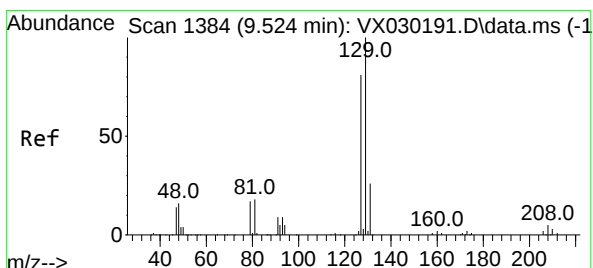
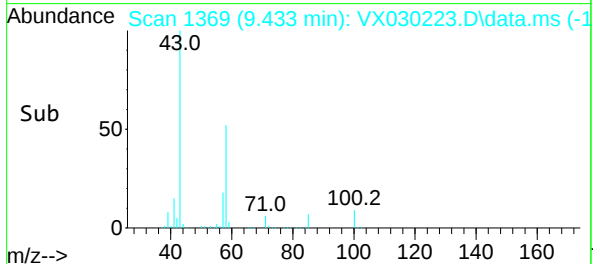
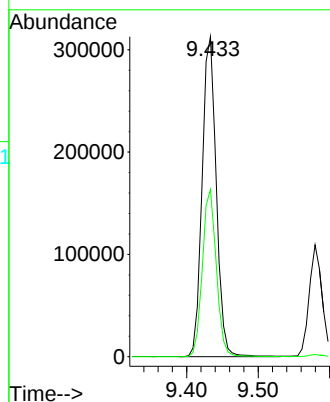
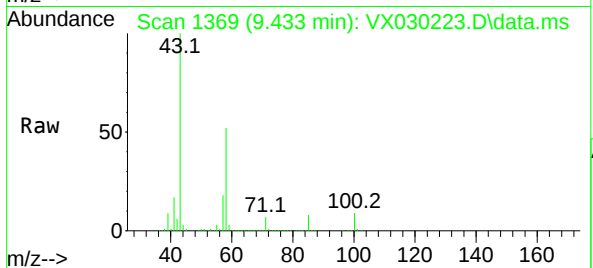
58 51.5 27.6 82.8

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Supervised By :Mahesh Dadoda 07/28/2022



#60

Dibromochloromethane

Concen: 24.140 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX030223.D

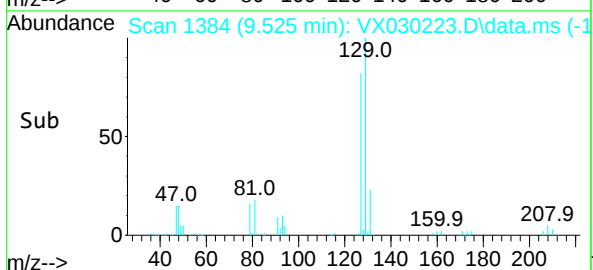
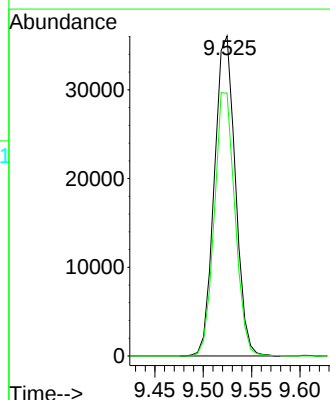
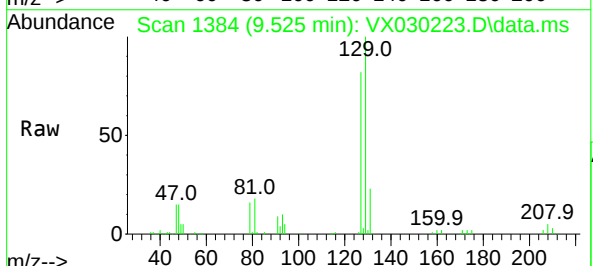
Acq: 27 Jul 2022 10:00

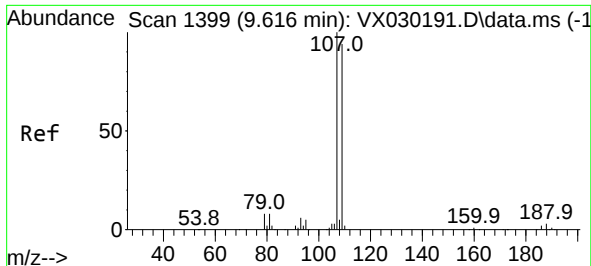
Tgt Ion:129 Resp: 54313

Ion Ratio Lower Upper

129 100

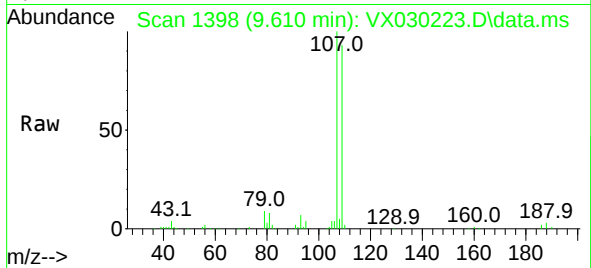
127 81.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 24.153 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

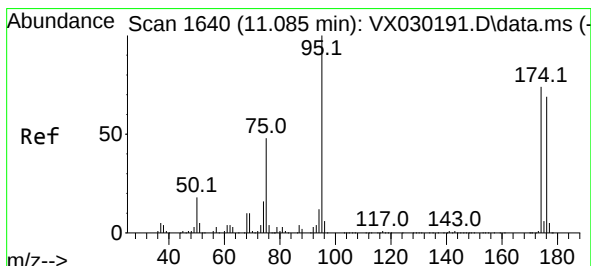
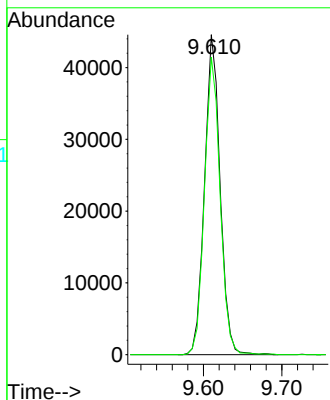
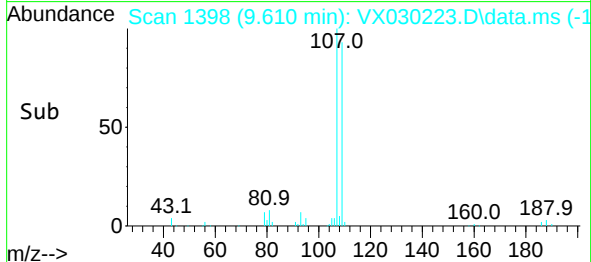
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



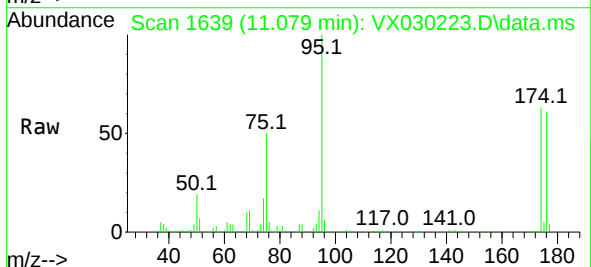
Tgt Ion:107 Resp: 6129
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

Manual Integrations
APPROVED

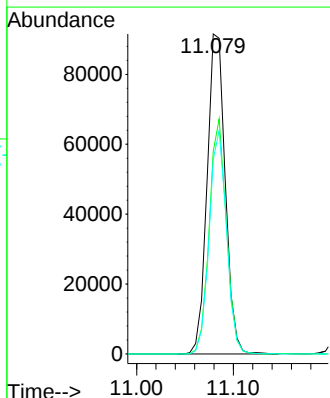
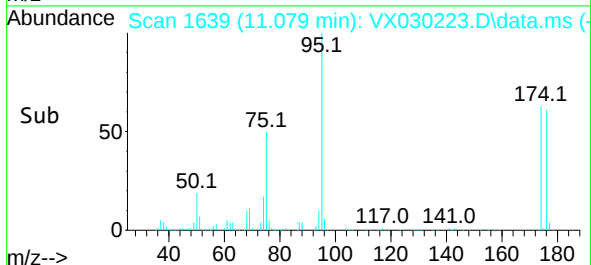
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

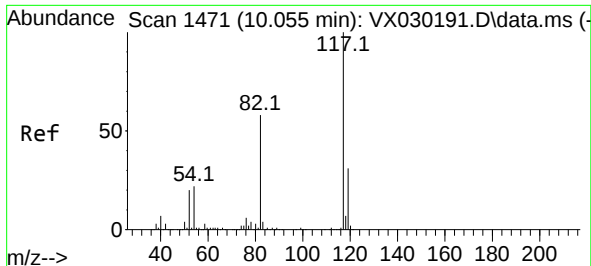


#62
4-Bromofluorobenzene
Concen: 40.253 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00



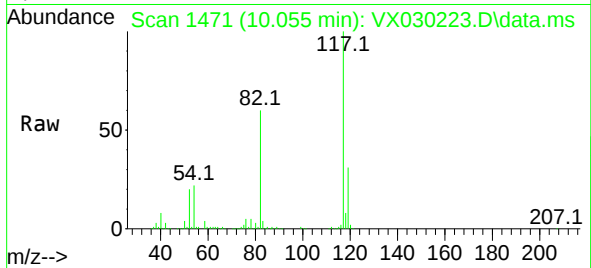
Tgt Ion: 95 Resp: 119549
Ion Ratio Lower Upper
95 100
174 69.3 0.0 149.0
176 66.4 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

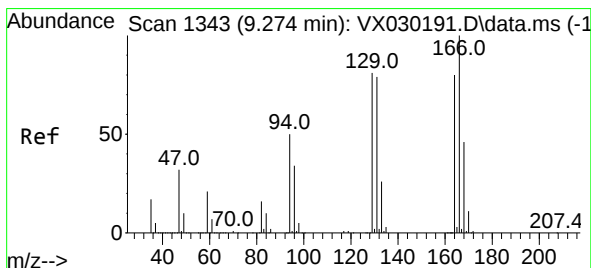
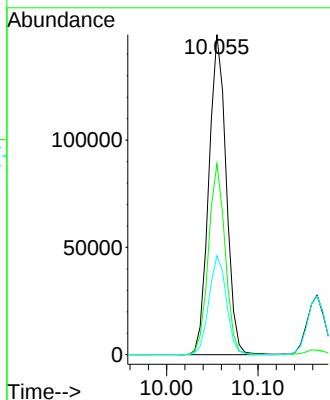
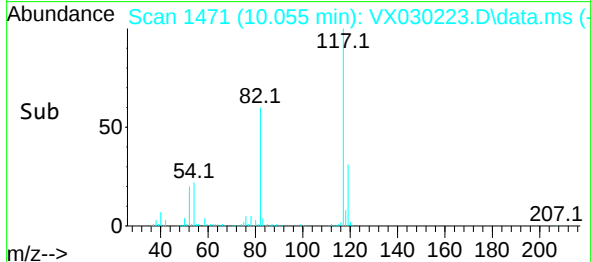
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



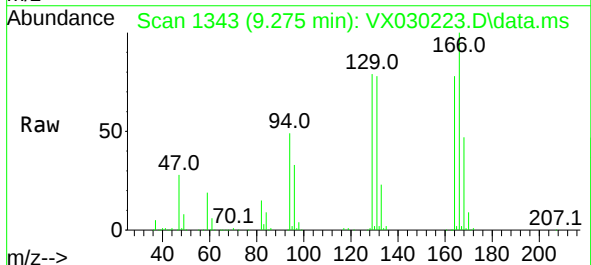
Tgt Ion:117 Resp: 19636
Ion Ratio Lower Upper
117 100
82 59.6 42.7 64.1
119 30.9 25.4 38.2

Manual Integrations
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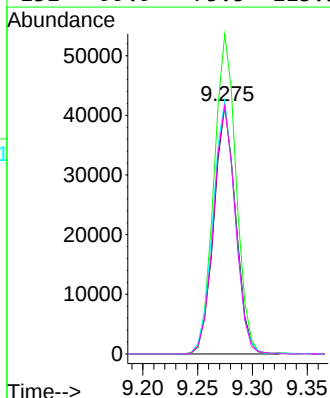
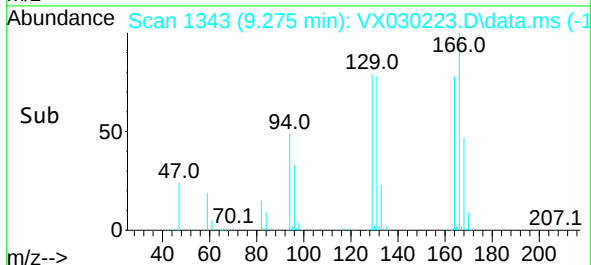
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

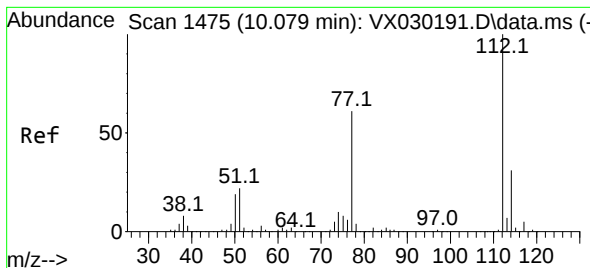


#64
Tetrachloroethene
Concen: 27.328 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00



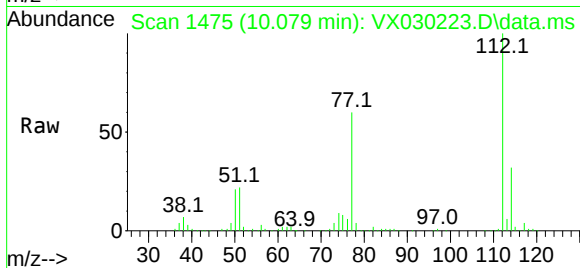
Tgt Ion:164 Resp: 57772
Ion Ratio Lower Upper
164 100
166 128.9 98.2 147.4
129 102.2 80.8 121.2
131 99.9 75.5 113.3





#65
Chlorobenzene
Concen: 27.773 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

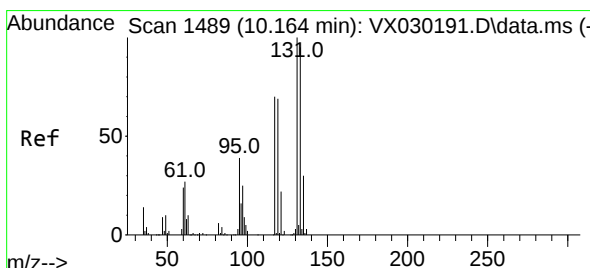
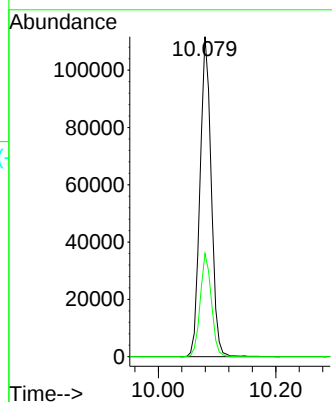
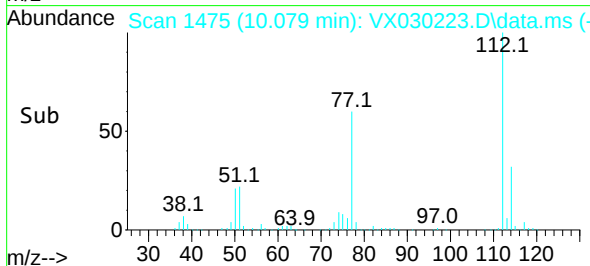
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



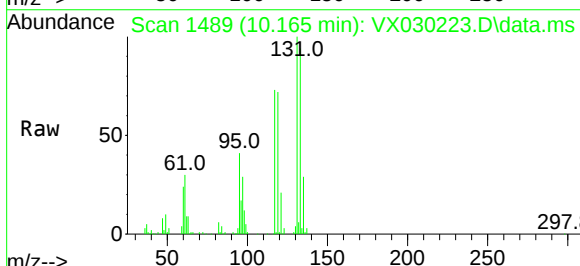
Tgt Ion:112 Resp: 14814
Ion Ratio Lower Upper
112 100
114 32.3 24.6 36.8

Manual Integrations
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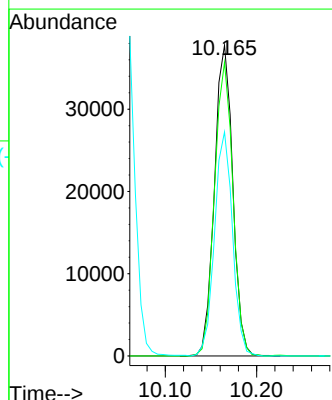
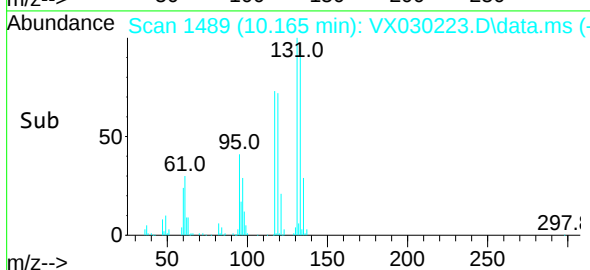
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

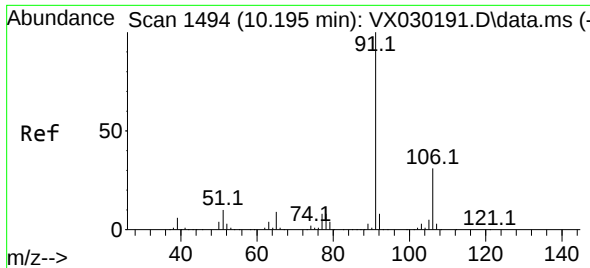


#66
1,1,1,2-Tetrachloroethane
Concen: 28.947 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00



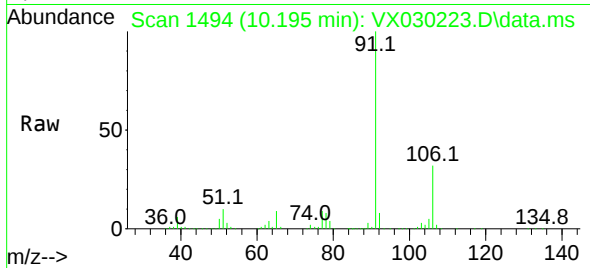
Tgt Ion:131 Resp: 52488
Ion Ratio Lower Upper
131 100
133 95.1 46.9 140.8
119 70.9 34.4 103.1





#67
Ethyl Benzene
Concen: 31.305 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

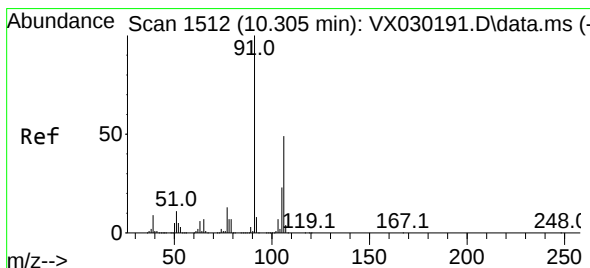
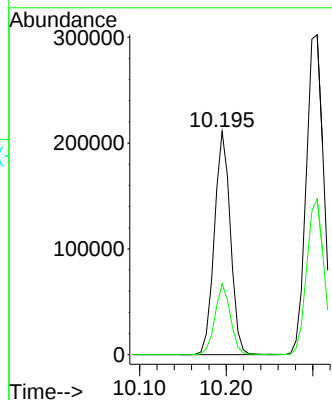
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 270609
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

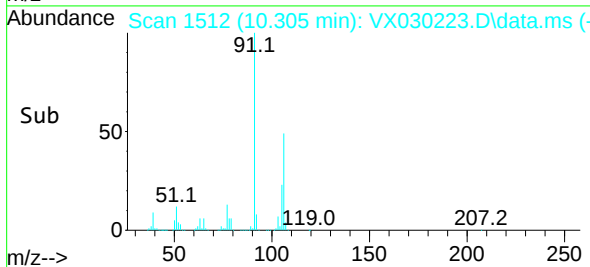
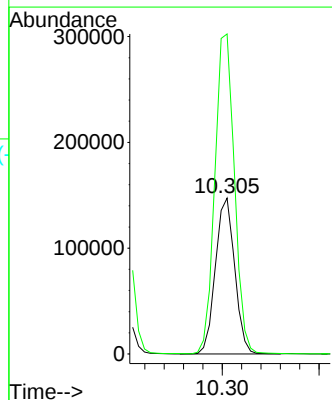
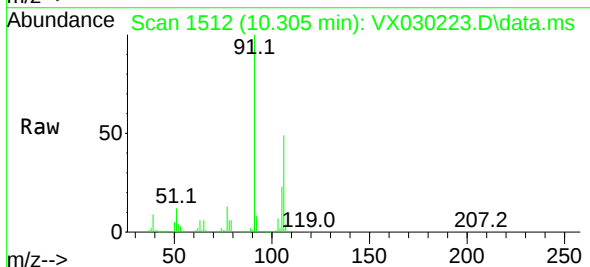
Manual Integrations
APPROVED

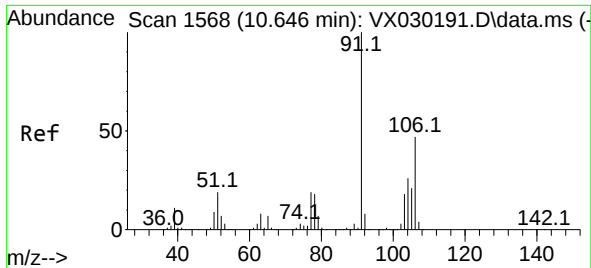
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#68
m/p-Xylenes
Concen: 56.331 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion:106 Resp: 203547
Ion Ratio Lower Upper
106 100
91 209.2 158.2 237.4





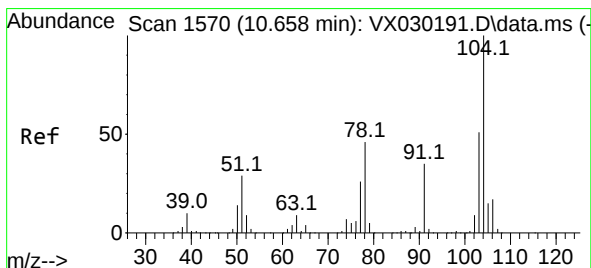
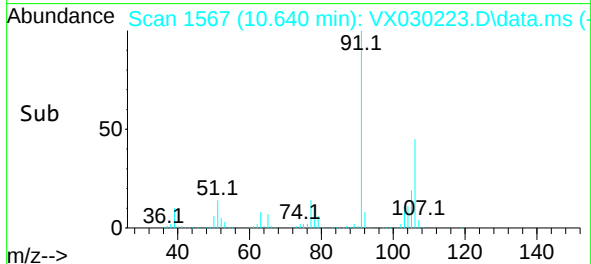
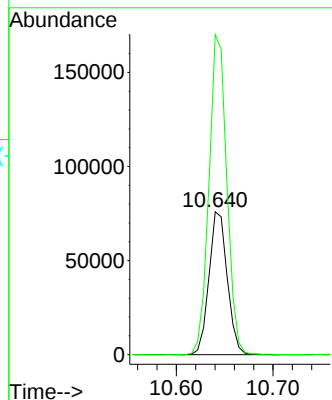
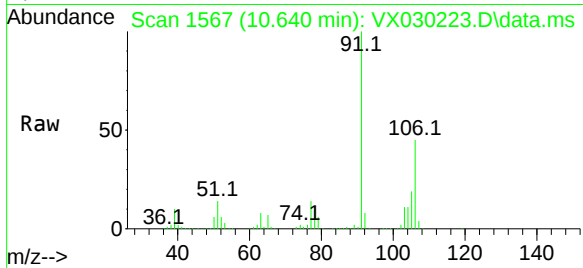
#69
o-Xylene
Concen: 28.054 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 9991
Ion Ratio Lower Upper
106 100
91 219.1 103.8 311.6

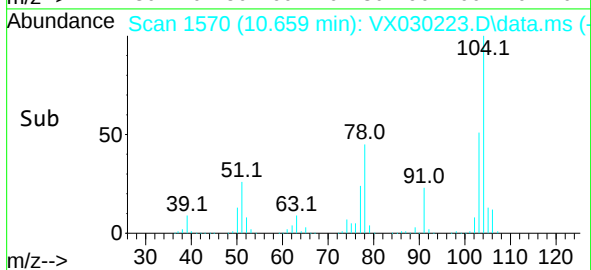
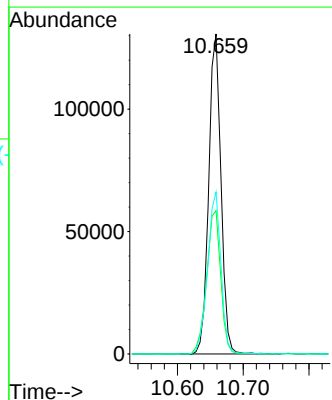
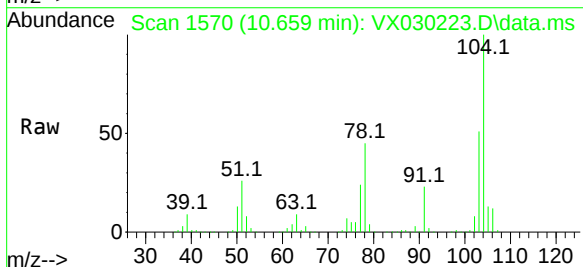
Manual Integrations
APPROVED

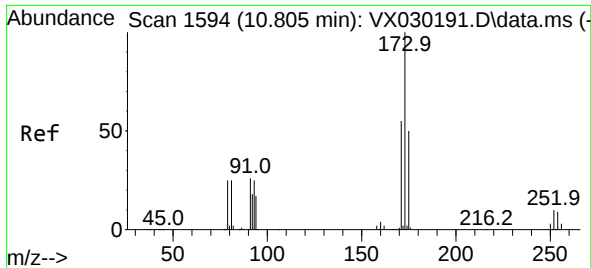
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#70
Styrene
Concen: 29.026 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

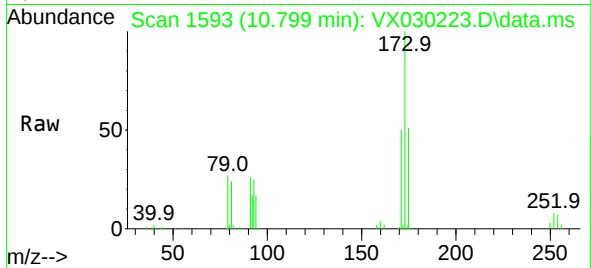
Tgt Ion:104 Resp: 169833
Ion Ratio Lower Upper
104 100
78 51.5 37.8 56.8
103 55.2 44.5 66.7





#71
Bromoform
Concen: 28.578 ug/l
RT: 10.799 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

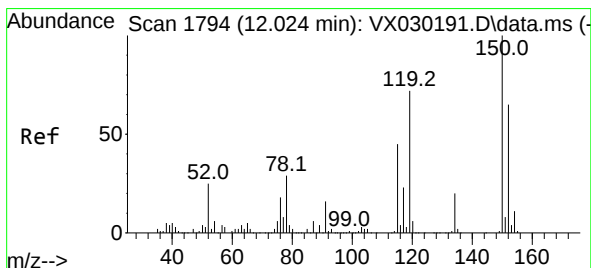
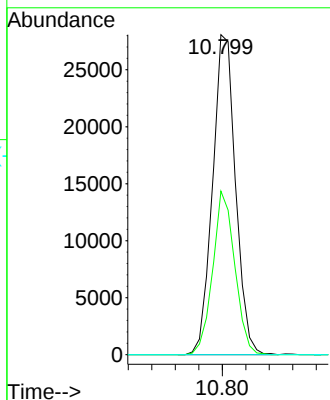
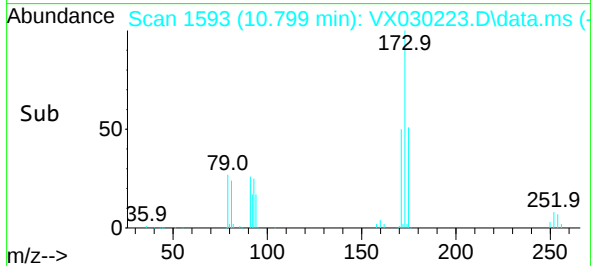
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



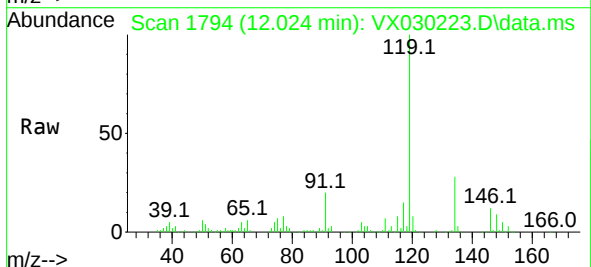
Tgt Ion:173 Resp: 38090
Ion Ratio Lower Upper
173 100
175 49.1 23.8 71.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

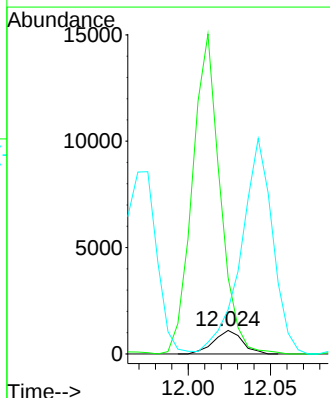
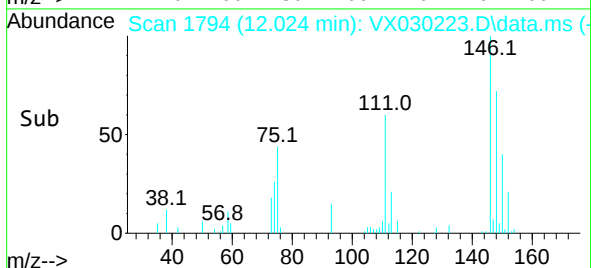
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

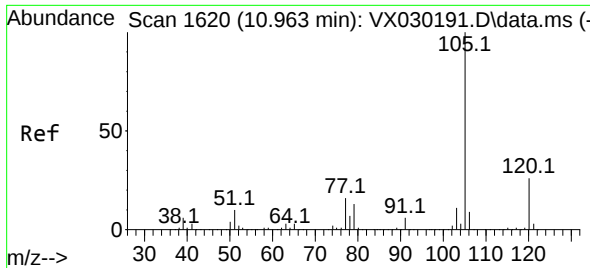


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00



Tgt Ion:152 Resp: 1332
Ion Ratio Lower Upper
152 100
115 1326.0 40.5 121.5#
150 0.0 0.0 347.0





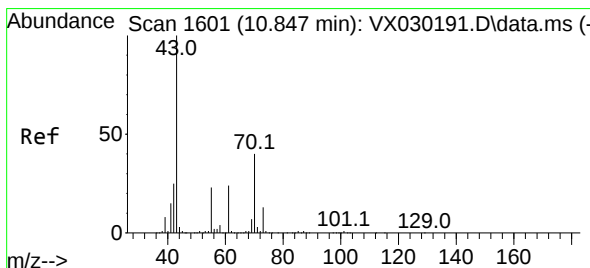
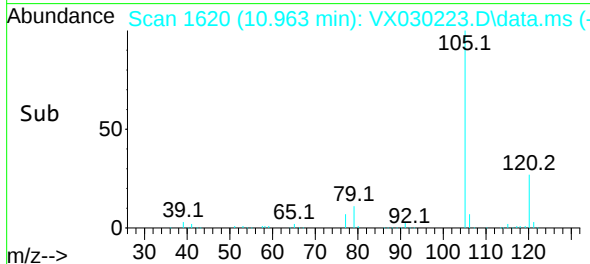
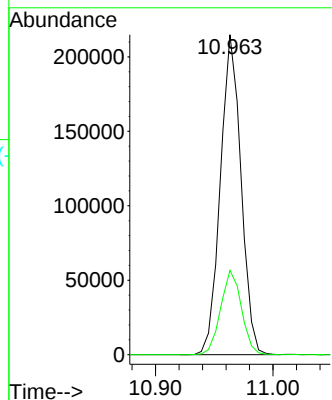
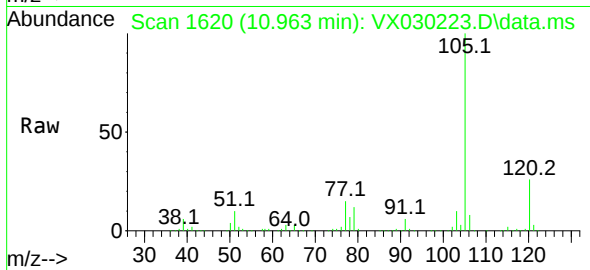
#73
Isopropylbenzene
Concen: 2523.456 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:105 Resp: 26240
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

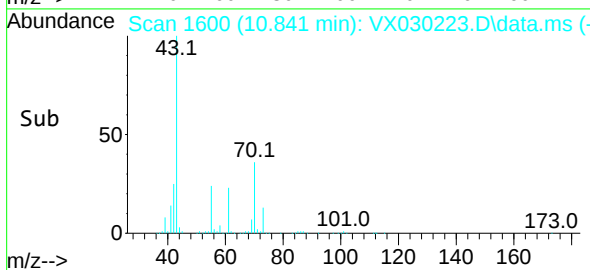
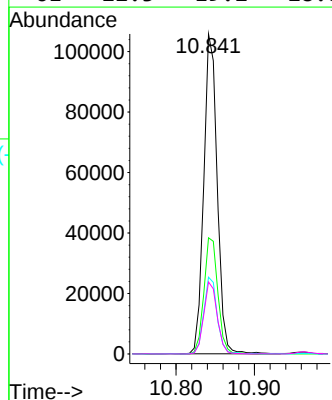
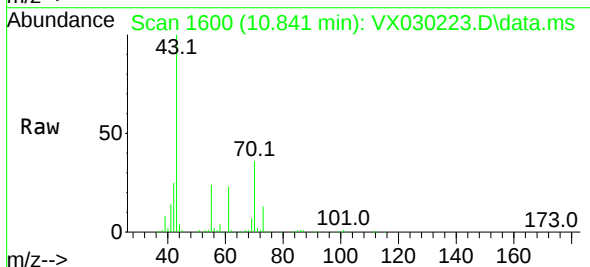
Manual Integrations
APPROVED

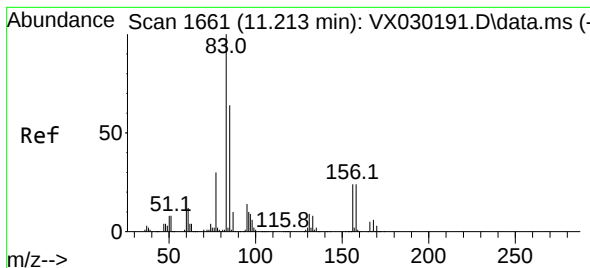
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#74
N-ethyl acetate
Concen: 2492.906 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion: 43 Resp: 125987
Ion Ratio Lower Upper
43 100
70 37.7 32.3 48.5
55 23.8 18.4 27.6
61 22.3 19.2 28.8





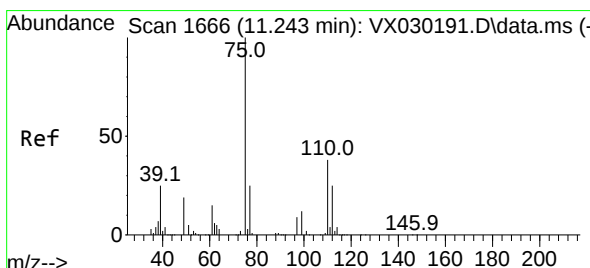
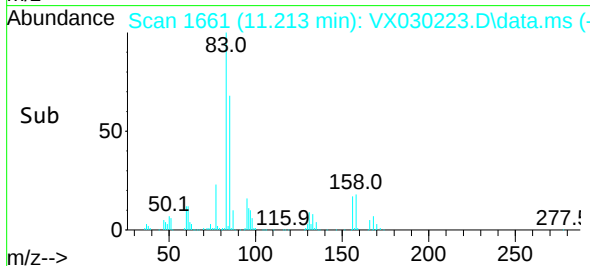
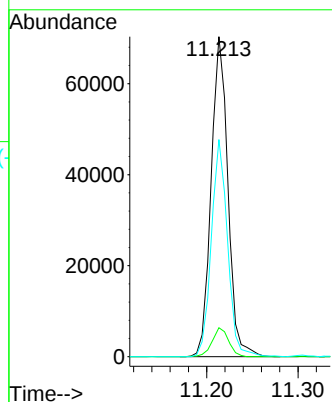
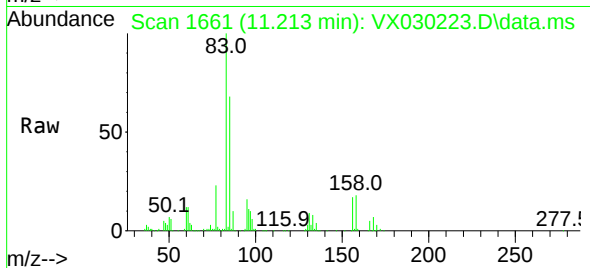
#75
1,1,2,2-Tetrachloroethane
Concen: 2347.354 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 8934
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 65.5 32.5 97.5

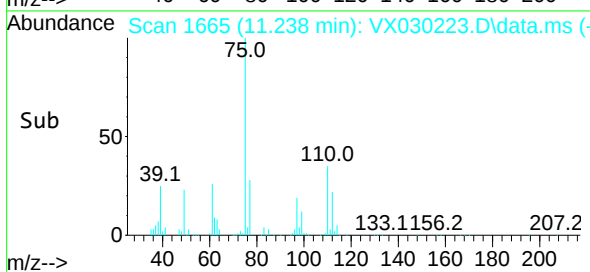
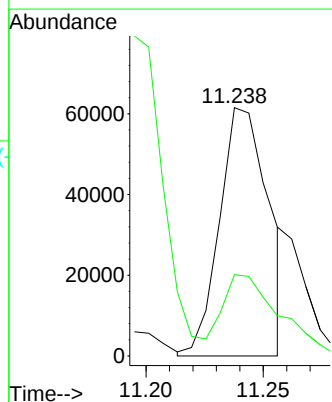
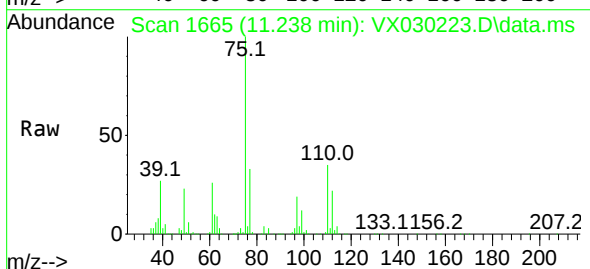
Manual Integrations
APPROVED

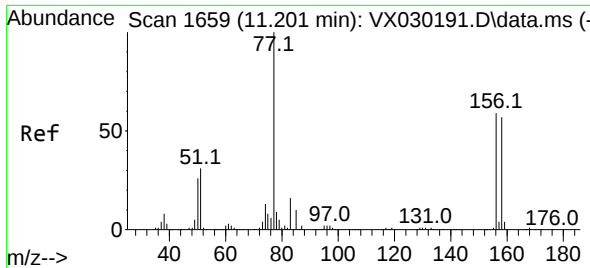
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#76
1,2,3-Trichloropropane
Concen: 2546.820 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.005 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

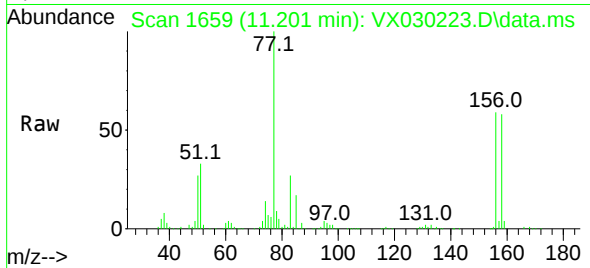
Tgt Ion: 75 Resp: 89421
Ion Ratio Lower Upper
75 100
77 38.2 19.8 59.3





#77
Bromobenzene
Concen: 2378.190 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

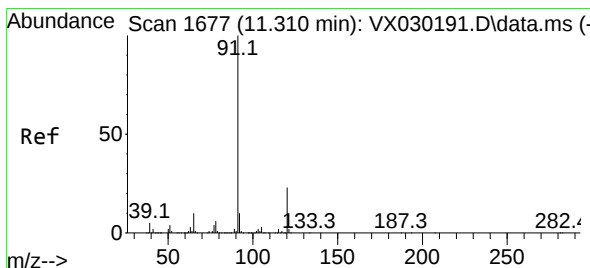
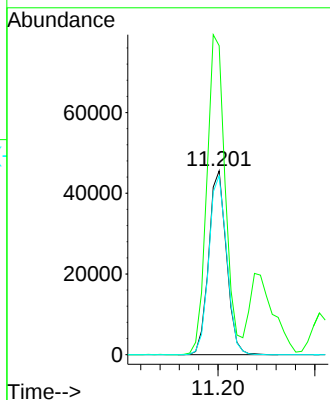
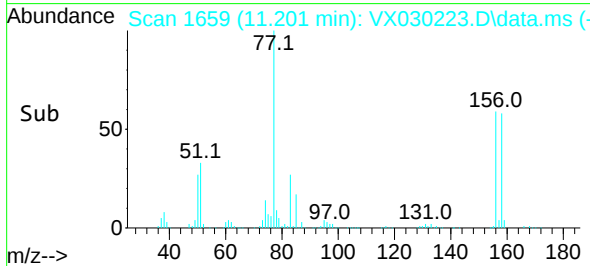
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



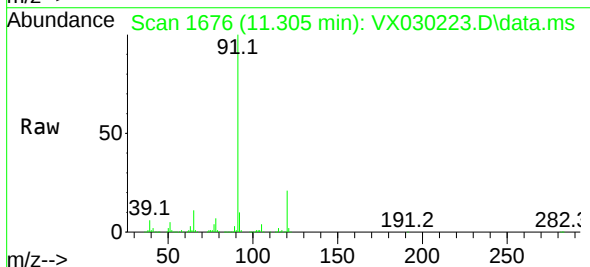
Tgt Ion:156 Resp: 5804
Ion Ratio Lower Upper
156 100
77 181.3 82.7 247.9
158 98.4 47.5 142.5

Manual Integrations
APPROVED

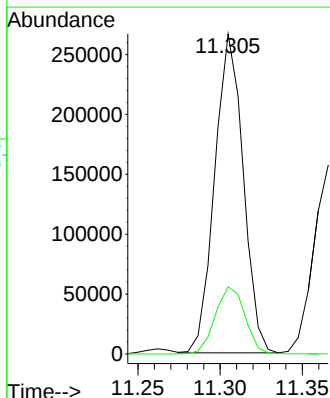
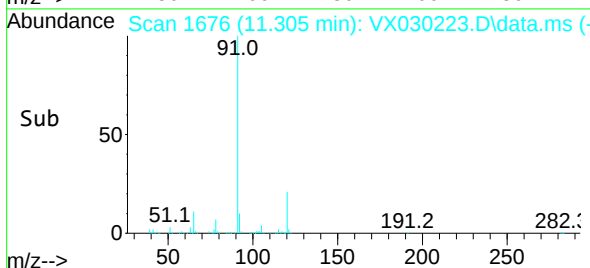
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#78
n-propylbenzene
Concen: 2579.971 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.005 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00



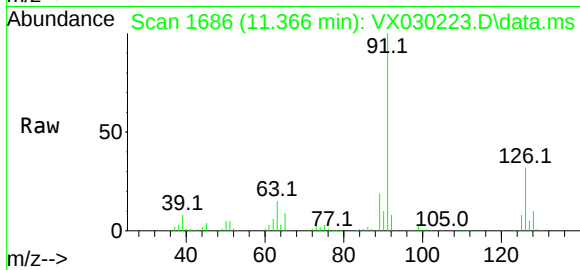
Tgt Ion: 91 Resp: 320197
Ion Ratio Lower Upper
91 100
120 22.0 11.6 34.8





#79
2-Chlorotoluene
Concen: 2415.224 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

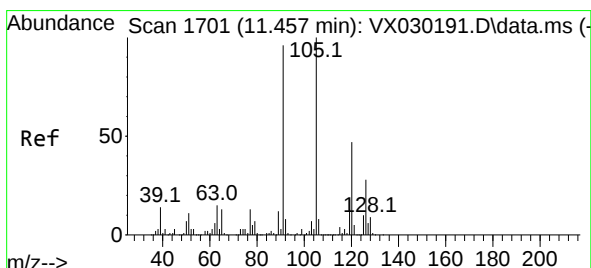
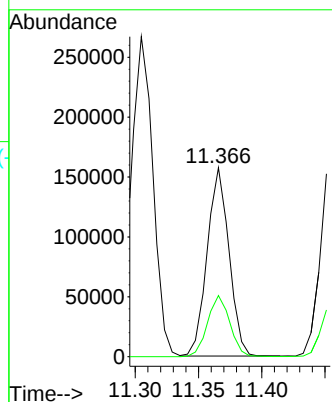
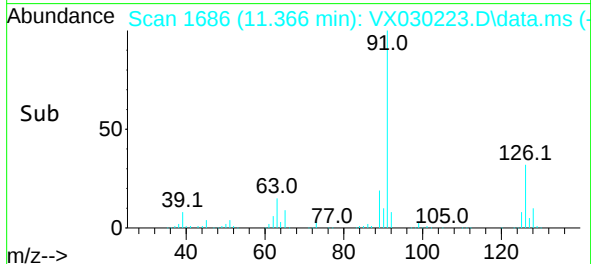
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



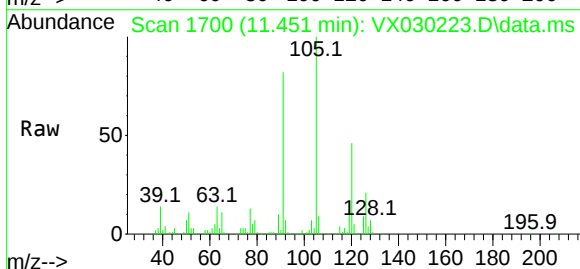
Tgt Ion: 91 Resp: 18929
Ion Ratio Lower Upper
91 100
126 33.1 17.4 52.3

Manual Integrations
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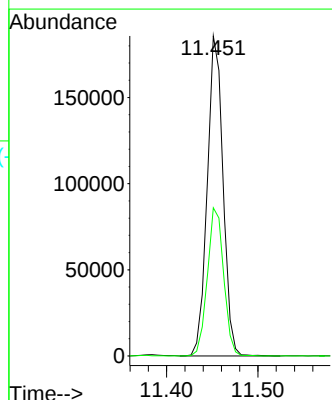
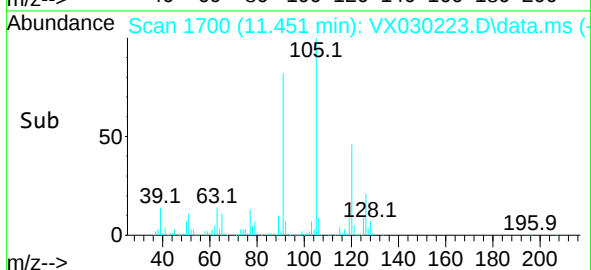
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

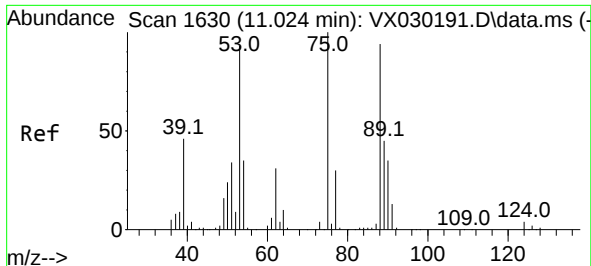


#80
1,3,5-Trimethylbenzene
Concen: 2554.173 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00



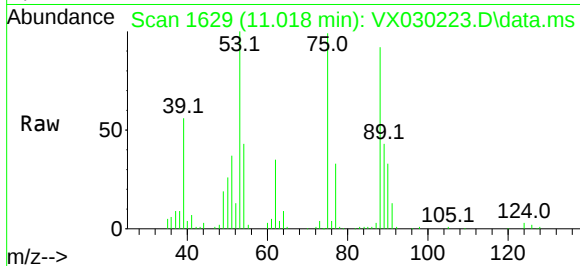
Tgt Ion:105 Resp: 222393
Ion Ratio Lower Upper
105 100
120 47.9 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2438.164 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

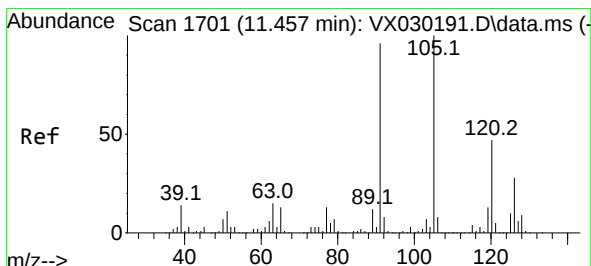
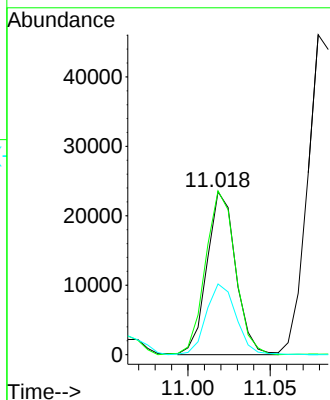
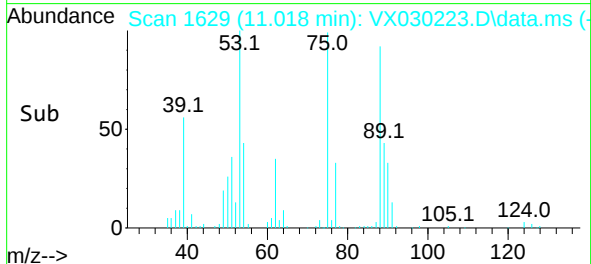
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



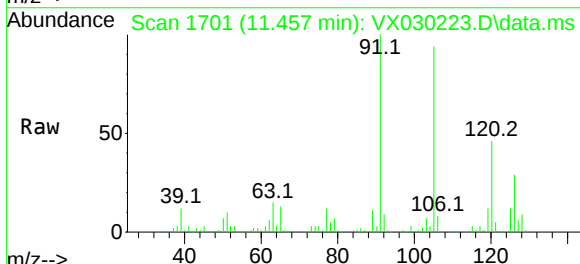
Tgt Ion: 75 Resp: 28530
Ion Ratio Lower Upper
75 100
53 104.4 74.2 111.4
89 45.3 34.8 52.2

Manual Integrations
APPROVED

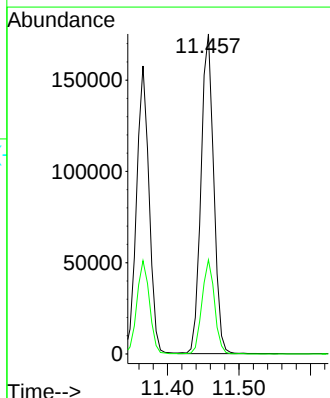
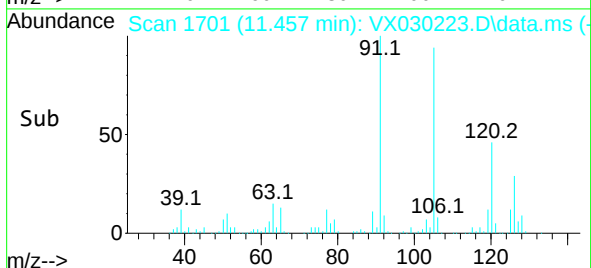
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

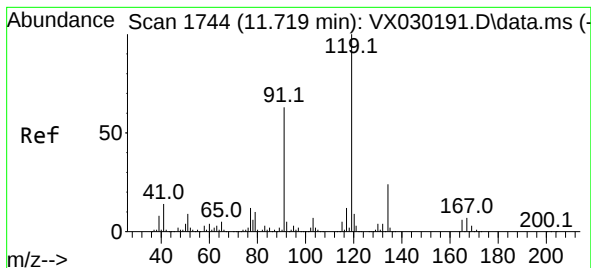


#82
4-Chlorotoluene
Concen: 2530.785 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00



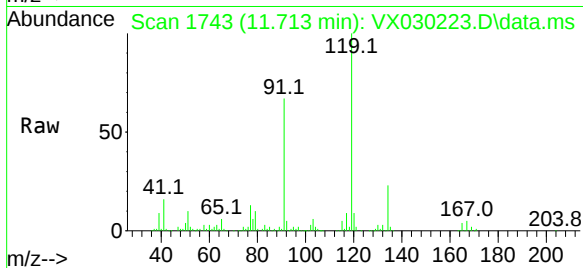
Tgt Ion: 91 Resp: 216712
Ion Ratio Lower Upper
91 100
126 29.0 15.3 45.9





#83
tert-Butylbenzene
Concen: 2566.459 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

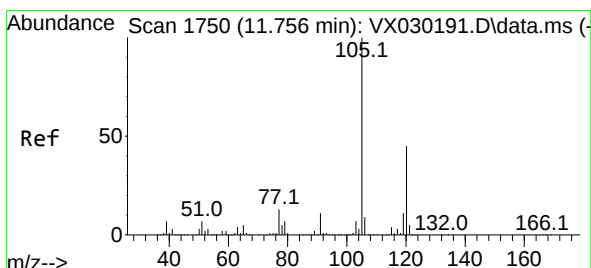
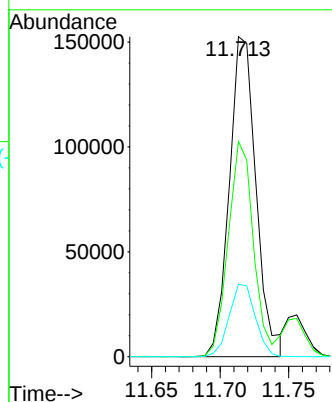
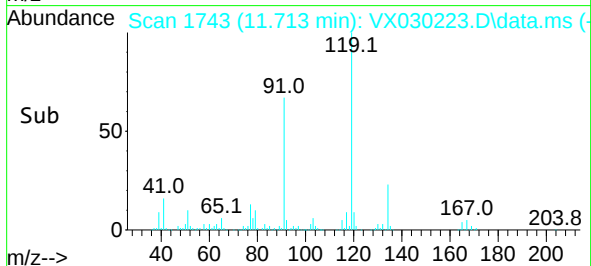
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 20712
Ion Ratio Lower Upper
119 100
91 63.2 28.3 84.9
134 22.2 11.2 33.5

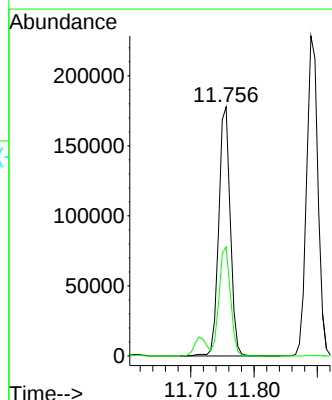
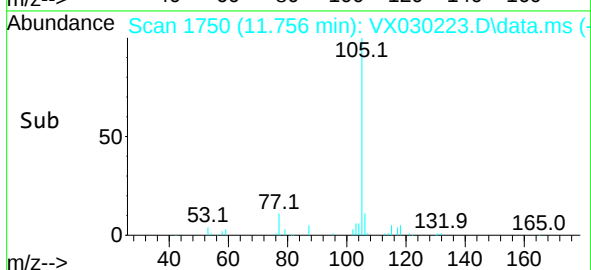
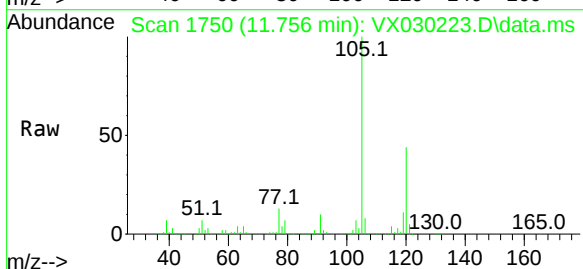
Manual Integrations
APPROVED

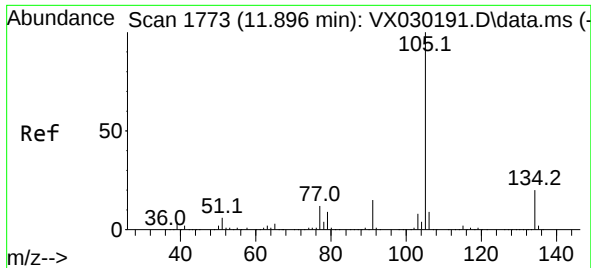
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 2583.385 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

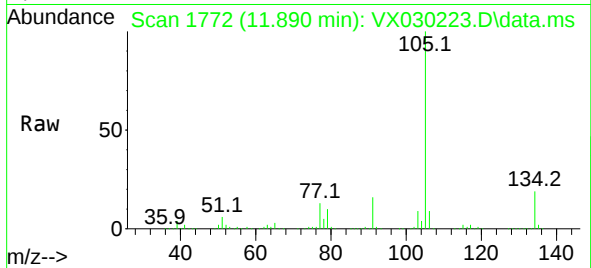
Tgt Ion:105 Resp: 224411
Ion Ratio Lower Upper
105 100
120 43.5 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 2557.053 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX030223.D
 Acq: 27 Jul 2022 10:00

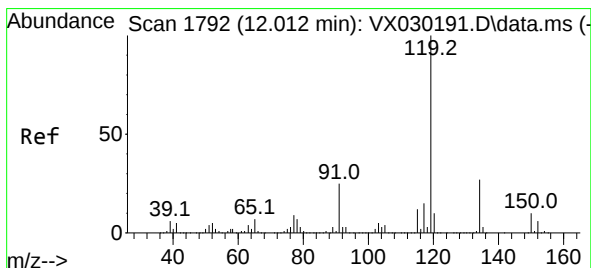
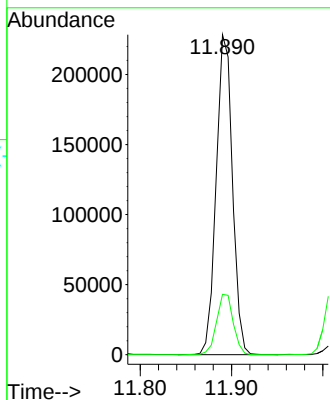
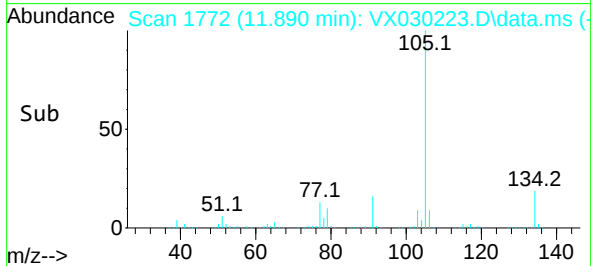
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



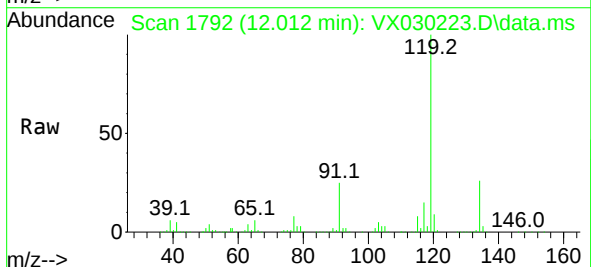
Tgt Ion:105 Resp: 282452
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.0 30.0

Manual Integrations
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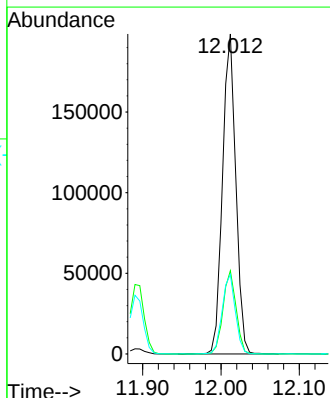
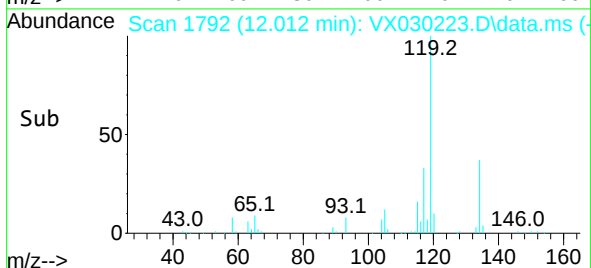
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

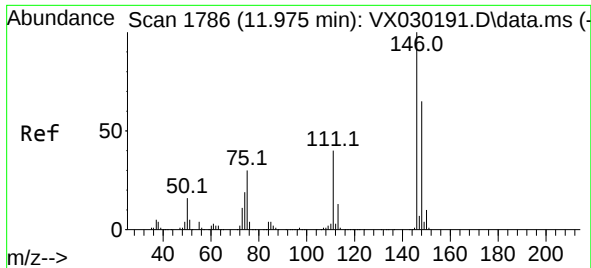


#86
 p-Isopropyltoluene
 Concen: 2654.880 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030223.D
 Acq: 27 Jul 2022 10:00



Tgt Ion:119 Resp: 234620
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.9 41.6
 91 24.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 2418.404 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

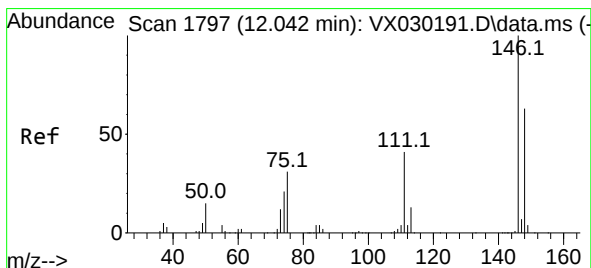
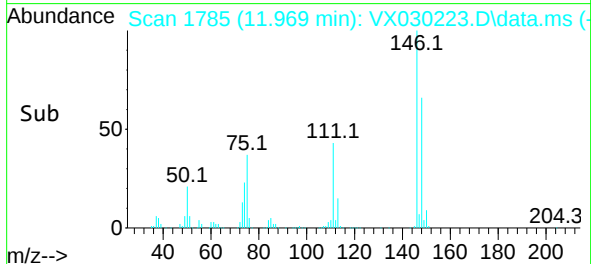
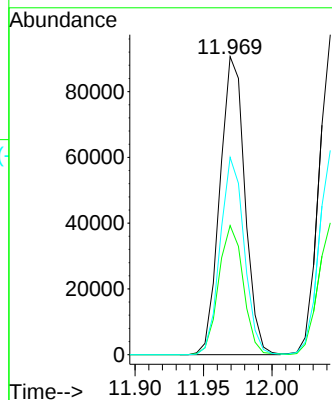
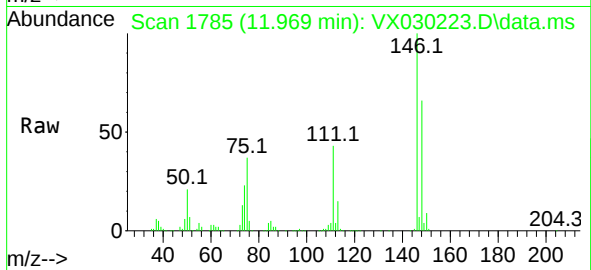
Tgt Ion:146 Resp: 114792
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.3 60.8
 148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#88

1,4-Dichlorobenzene

Concen: 2395.531 ug/l

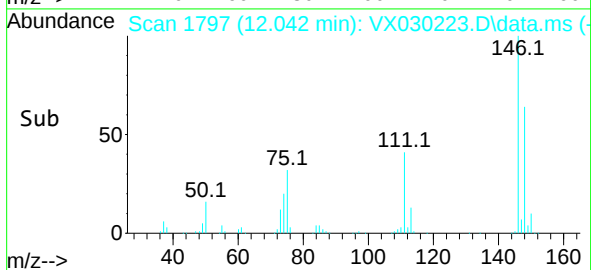
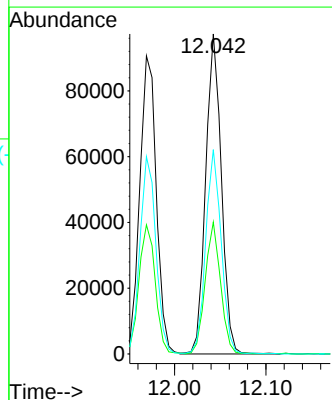
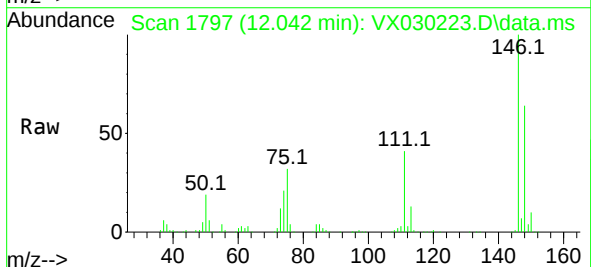
RT: 12.042 min Scan# 1797

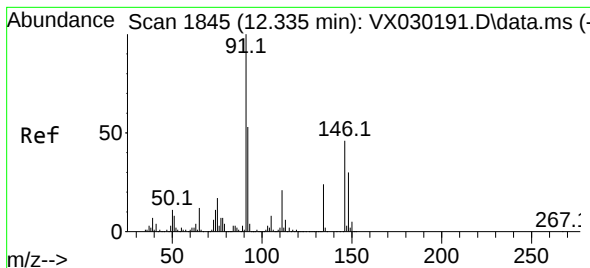
Delta R.T. 0.000 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

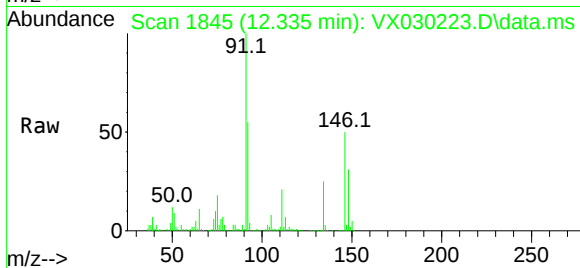
Tgt Ion:146 Resp: 115749
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.3 60.9
 148 63.3 32.3 96.8





#89
n-Butylbenzene
Concen: 2636.679 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

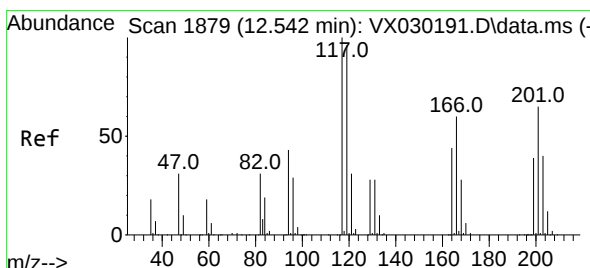
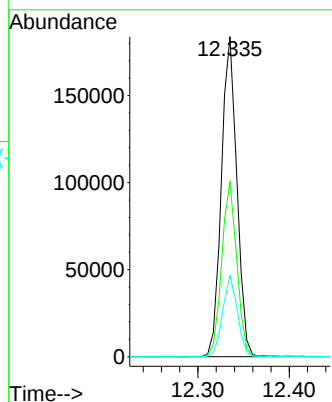
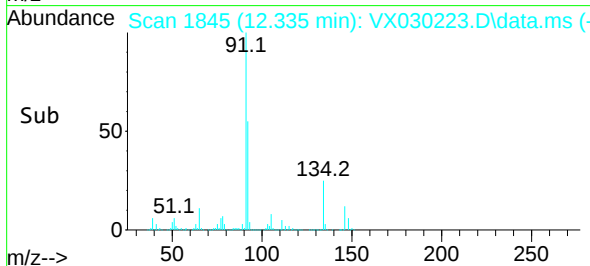
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 216938
Ion Ratio Lower Upper
91 100
92 53.1 26.2 78.5
134 24.2 12.6 37.8

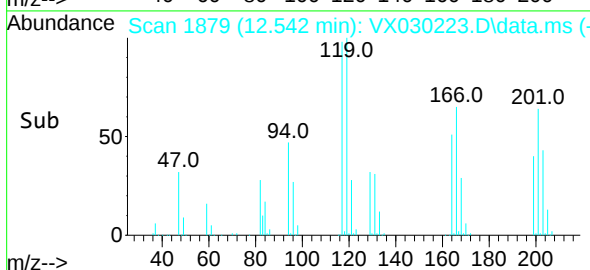
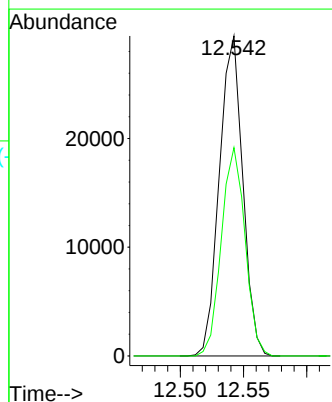
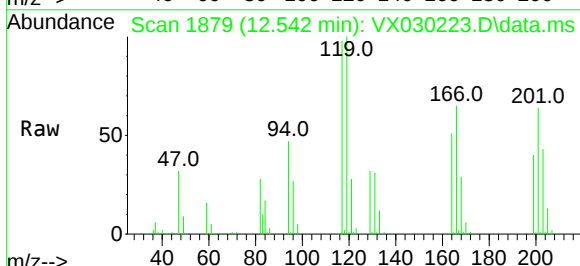
Manual Integrations
APPROVED

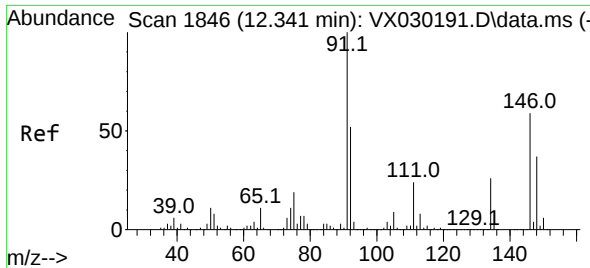
Reviewed By :John Carbone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#90
Hexachloroethane
Concen: 2488.850 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion:117 Resp: 37870
Ion Ratio Lower Upper
117 100
201 65.9 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 2475.912 ug/l
RT: 12.335 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

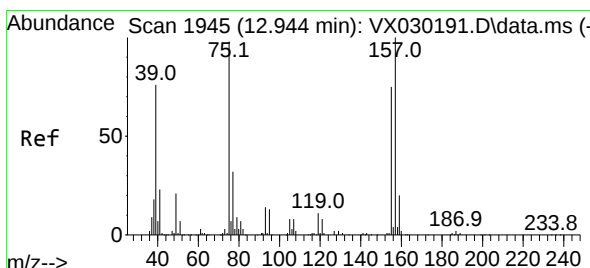
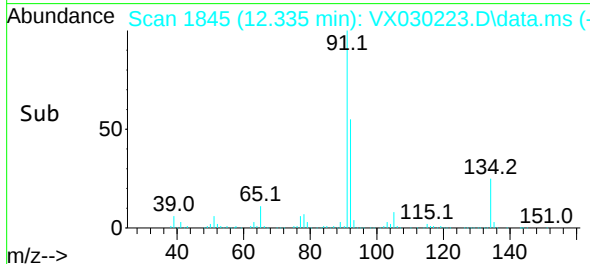
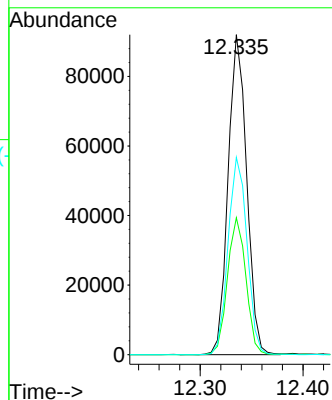
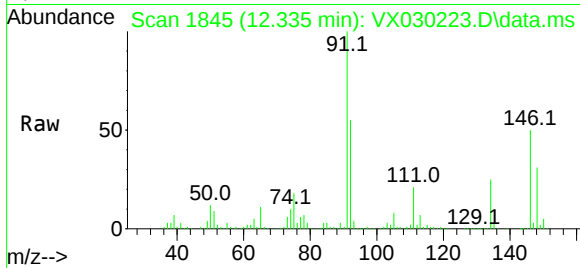
Tgt Ion:146 Resp: 11535
Ion Ratio Lower Upper
146 100
111 42.7 20.7 62.1
148 63.2 32.0 96.2

Manual Integrations

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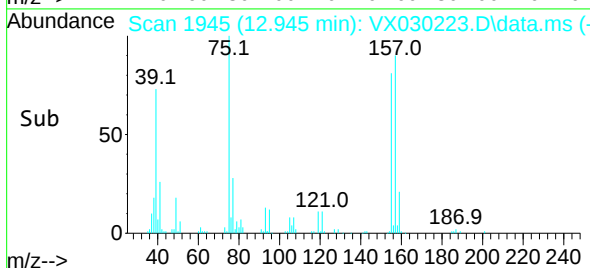
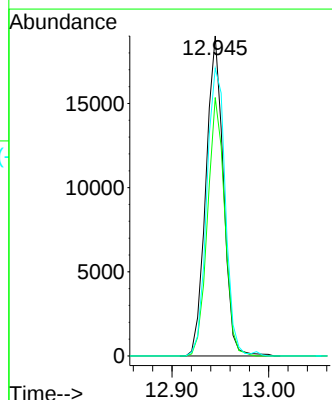
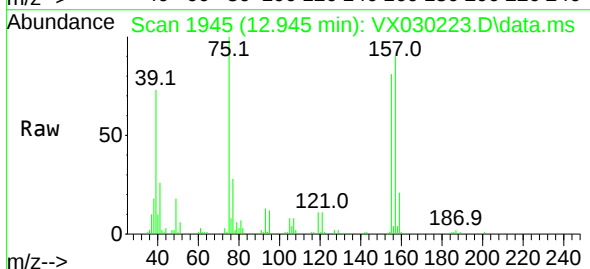
Reviewed By :John Carlone 07/28/2022

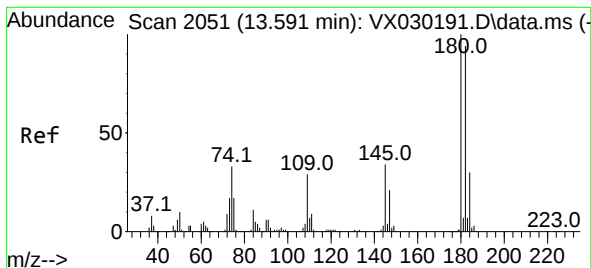
Supervised By :Mahesh Dadoda 07/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 2607.335 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion: 75 Resp: 23801
Ion Ratio Lower Upper
75 100
155 78.9 45.0 134.8
157 96.0 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 2649.612 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

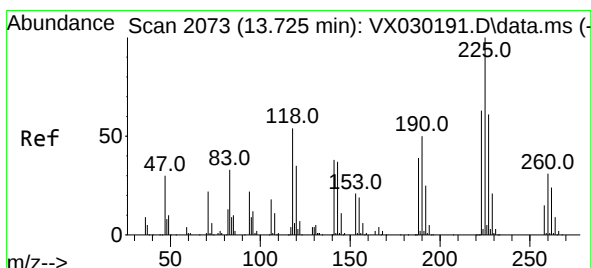
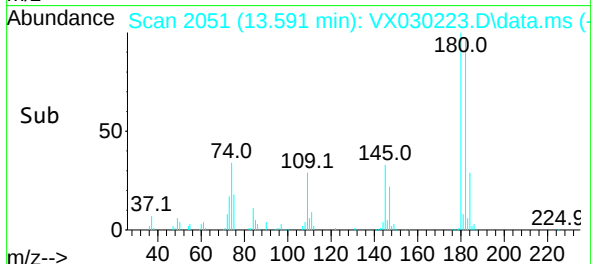
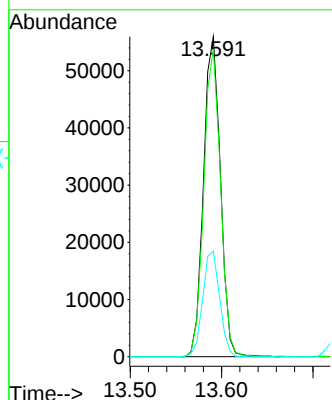
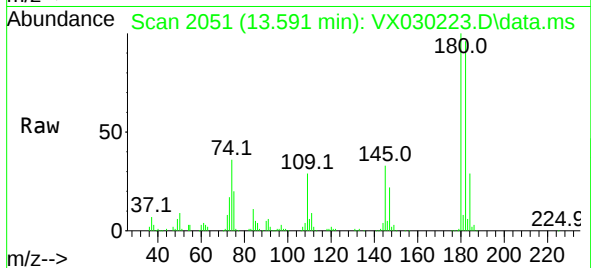
Tgt Ion:180	Resp:	7158
Ion Ratio	Lower	Upper
180	100	
182	95.2	48.2 144.6
145	33.1	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#94

Hexachlorobutadiene

Concen: 2743.248 ug/l

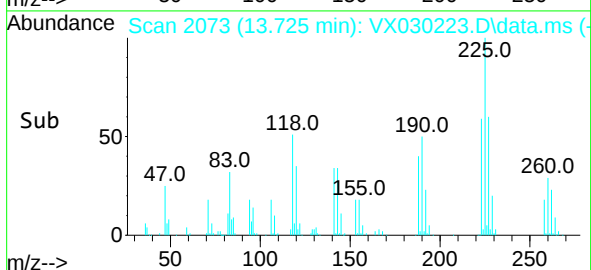
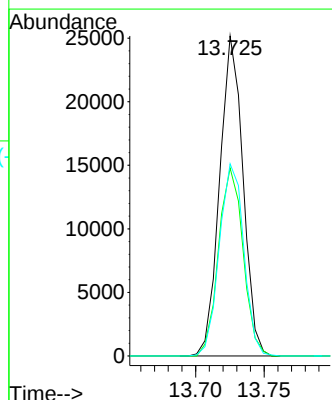
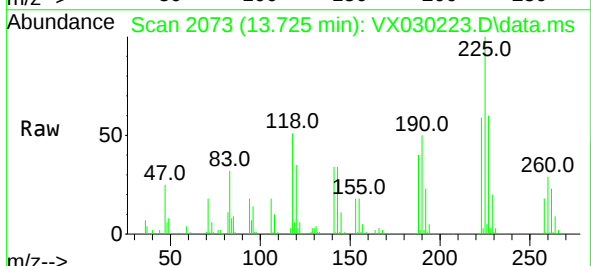
RT: 13.725 min Scan# 2073

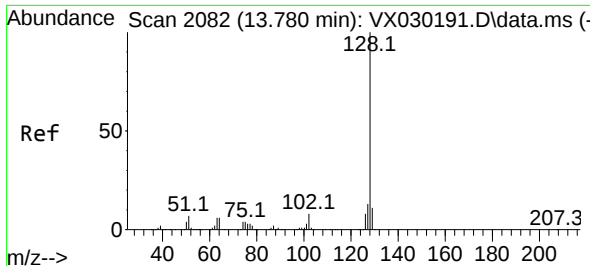
Delta R.T. 0.000 min

Lab File: VX030223.D

Acq: 27 Jul 2022 10:00

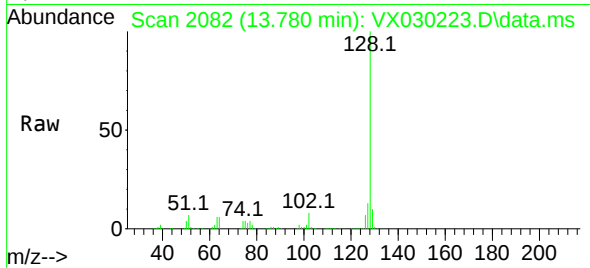
Tgt Ion:225	Resp:	29760
Ion Ratio	Lower	Upper
225	100	
223	61.7	30.6 91.6
227	63.0	31.9 95.9





#95
Naphthalene
Concen: 2682.763 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

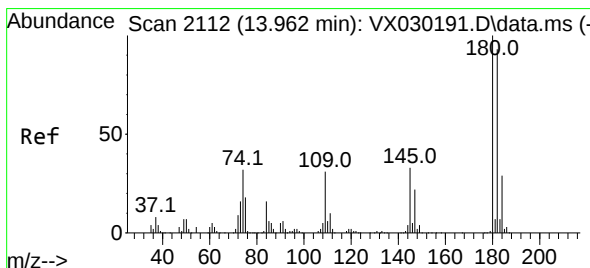
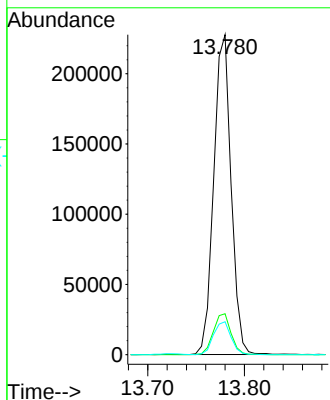
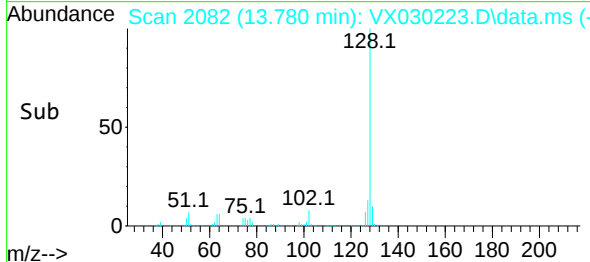
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 283125
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 2680.275 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.001 min
Lab File: VX030223.D
Acq: 27 Jul 2022 10:00

Tgt Ion:180 Resp: 74267
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.0
145 35.1 17.0 50.9

