

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052623\
 Data File : VX035890.D
 Acq On : 26 May 2023 17:50
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 29 07:24:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:19:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	196829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	345583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	305198	87.255	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 174.500%#			
35) Dibromofluoromethane	5.385	113	217596	91.665	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 183.320%#			
50) Toluene-d8	8.647	98	799083	91.723	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 183.440%#			
62) 4-Bromofluorobenzene	11.079	95	328619	95.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 191.480%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	257272	98.286	ug/l	99
3) Chloromethane	1.294	50	259624	96.195	ug/l	97
4) Vinyl Chloride	1.374	62	254367	98.116	ug/l	100
5) Bromomethane	1.611	94	154679	99.560	ug/l	98
6) Chloroethane	1.691	64	137982	95.253	ug/l	100
7) Trichlorofluoromethane	1.886	101	380186	97.722	ug/l	97
8) Diethyl Ether	2.130	74	142206	99.535	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	225113	97.621	ug/l	99
10) Methyl Iodide	2.453	142	252084	107.763	ug/l	99
11) Tert butyl alcohol	3.001	59	311796m	512.143	ug/l	
12) 1,1-Dichloroethene	2.319	96	211520	97.863	ug/l	97
13) Acrolein	2.239	56	299092	495.162	ug/l	100
14) Allyl chloride	2.660	41	434769	101.820	ug/l	98
15) Acrylonitrile	3.068	53	692514	497.038	ug/l	99
16) Acetone	2.392	43	665580	471.337	ug/l	97
17) Carbon Disulfide	2.514	76	532533	106.374	ug/l	99
18) Methyl Acetate	2.703	43	539772	98.997	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	816602	97.992	ug/l	99
20) Methylene Chloride	2.788	84	250623	98.102	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	233341	97.933	ug/l	99
22) Diisopropyl ether	3.757	45	843632	98.391	ug/l	97
23) Vinyl Acetate	3.721	43	3084777	516.461	ug/l	99
24) 1,1-Dichloroethane	3.611	63	460186	97.253	ug/l	99
25) 2-Butanone	4.562	43	1029741	504.136	ug/l	100
26) 2,2-Dichloropropane	4.477	77	374329	102.587	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	272623	98.364	ug/l	99
28) Bromochloromethane	4.897	49	217084	94.674	ug/l	98
29) Tetrahydrofuran	5.007	42	665646	503.707	ug/l	100
30) Chloroform	5.093	83	476794	98.220	ug/l	100
31) Cyclohexane	5.471	56	407072	97.985	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	427628	101.949	ug/l	99
36) 1,1-Dichloropropene	5.690	75	350634	97.275	ug/l	99
37) Ethyl Acetate	4.715	43	392914	100.696	ug/l	99
38) Carbon Tetrachloride	5.678	117	358188	105.432	ug/l	97
39) Methylcyclohexane	7.379	83	414875	100.873	ug/l	99
40) Benzene	6.037	78	983489	97.414	ug/l	99

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Manual Integrations
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 Supervised By : Mahesh Dadoda 05/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	226416	101.933	ug/l	99
42) 1,2-Dichloroethane	6.086	62	416423	97.651	ug/l	99
43) Isopropyl Acetate	6.342	43	651620	104.213	ug/l	100
44) Trichloroethene	7.123	130	254092	101.033	ug/l	99
45) 1,2-Dichloropropane	7.427	63	260647	97.900	ug/l	100
46) Dibromomethane	7.580	93	183095	100.155	ug/l	100
47) Bromodichloromethane	7.824	83	364873	107.082	ug/l	99
48) Methyl methacrylate	7.690	41	329227	102.573	ug/l	98
49) 1,4-Dioxane	7.720	88	134328	1961.105	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	1956433	502.633	ug/l	99
52) Toluene	8.720	92	634245	100.027	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	401919	114.221	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	425508	110.787	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	251661	100.114	ug/l	98
56) Ethyl methacrylate	9.116	69	421212	106.423	ug/l	99
57) 1,3-Dichloropropane	9.311	76	445084	97.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1050399	501.600	ug/l	100
59) 2-Hexanone	9.433	43	1486212	505.171	ug/l	99
60) Dibromochloromethane	9.519	129	262498	114.128	ug/l	99
61) 1,2-Dibromoethane	9.610	107	271919	102.724	ug/l	100
64) Tetrachloroethene	9.275	164	205916	96.903	ug/l	97
65) Chlorobenzene	10.079	112	661672	99.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	246511	107.509	ug/l	98
67) Ethyl Benzene	10.195	91	1227307	98.978	ug/l	98
68) m/p-Xylenes	10.305	106	928331	202.353	ug/l	98
69) o-Xylene	10.640	106	466744	102.410	ug/l	96
70) Styrene	10.653	104	780889	104.299	ug/l	99
71) Bromoform	10.799	173	176582	119.112	ug/l #	99
73) Isopropylbenzene	10.963	105	1204715	96.014	ug/l	98
74) N-amyl acetate	10.841	43	565571	103.639	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	392794	95.777	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	381910m	98.922	ug/l	
77) Bromobenzene	11.195	156	279558	98.778	ug/l	99
78) n-propylbenzene	11.305	91	1434460	98.090	ug/l	98
79) 2-Chlorotoluene	11.366	91	880717	94.999	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1048118	98.045	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	121906	97.452	ug/l	95
82) 4-Chlorotoluene	11.457	91	1027613	97.406	ug/l	99
83) tert-Butylbenzene	11.713	119	1015384	98.945	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1060694	99.079	ug/l	100
85) sec-Butylbenzene	11.890	105	1290827	100.652	ug/l	99
86) p-Isopropyltoluene	12.006	119	1092635	101.891	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	536950	99.402	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	538446	96.695	ug/l	99
89) n-Butylbenzene	12.329	91	989812	105.012	ug/l	100
90) Hexachloroethane	12.536	117	178698	115.188	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	511221	95.816	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	94663	110.301	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	316578	100.913	ug/l	98
94) Hexachlorobutadiene	13.725	225	121813	96.840	ug/l	100
95) Naphthalene	13.774	128	1111788	102.006	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	310687	99.380	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC100

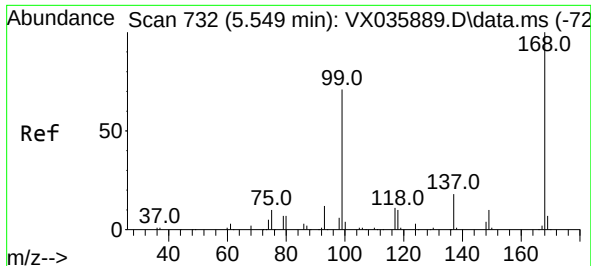
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
Quant Title : SW846 8260
QLast Update : Mon May 29 07:19:34 2023
Response via : Initial Calibration

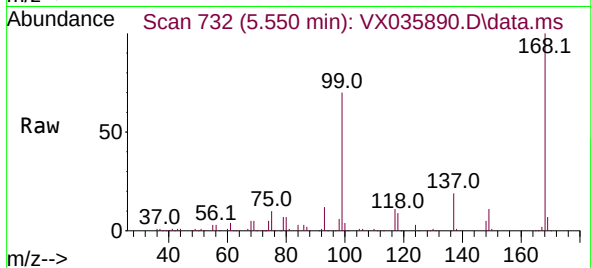
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
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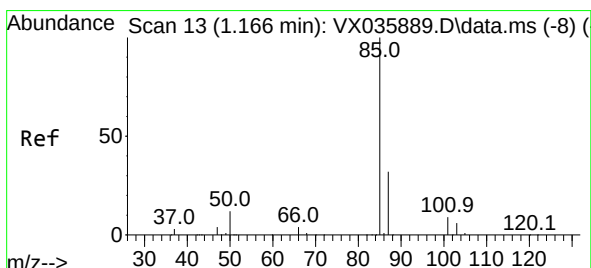
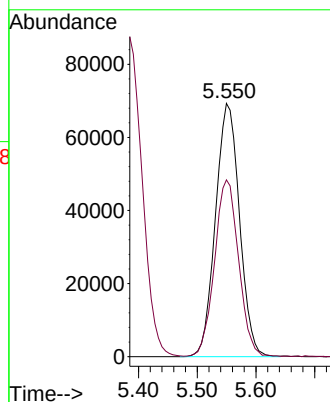
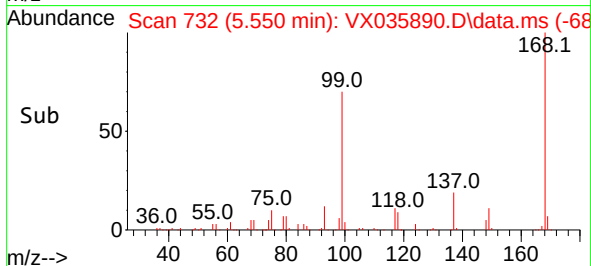
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 196829
Ion Ratio Lower Upper
168 100
99 69.6 57.0 85.6

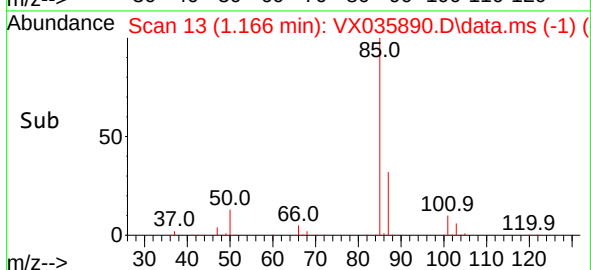
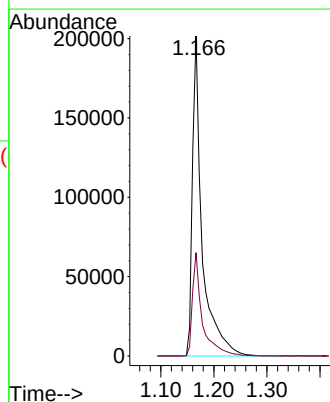
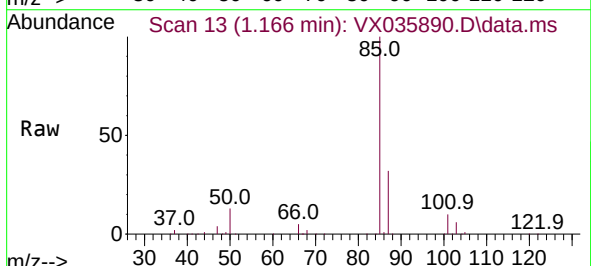
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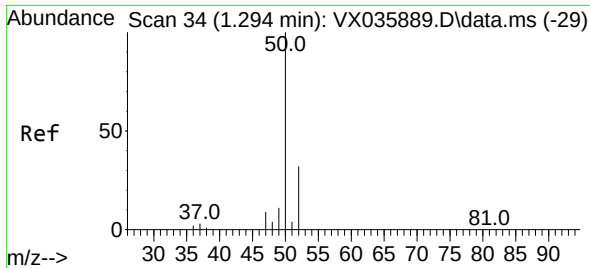
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#2
Dichlorodifluoromethane
Concen: 98.286 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Tgt Ion: 85 Resp: 257272
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4





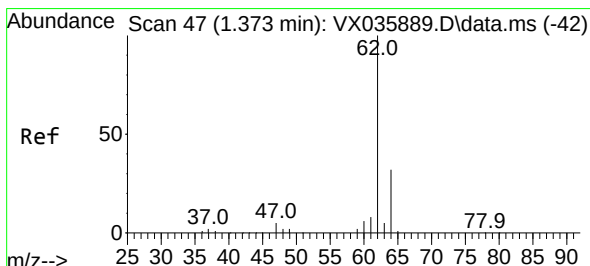
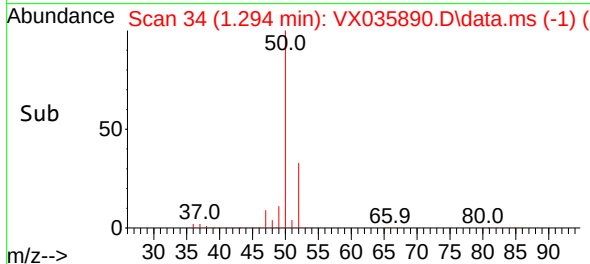
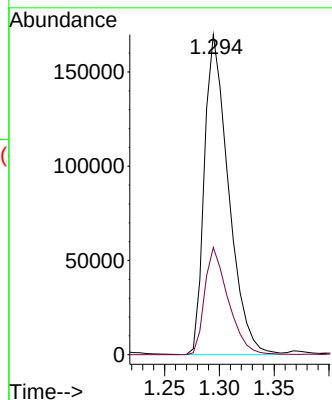
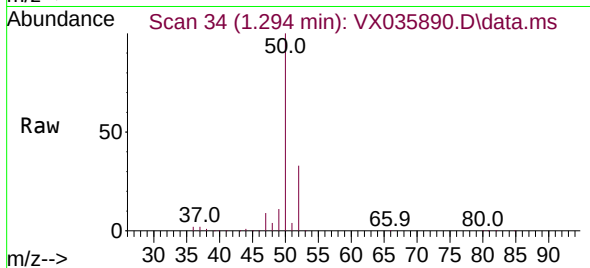
#3
Chloromethane
Concen: 96.195 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 259624
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2

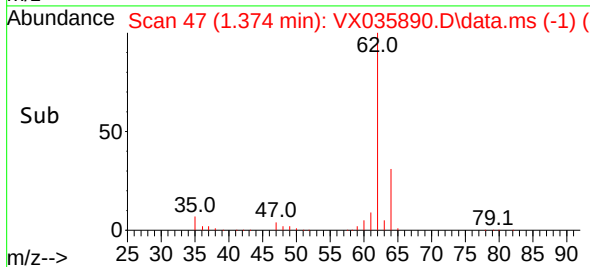
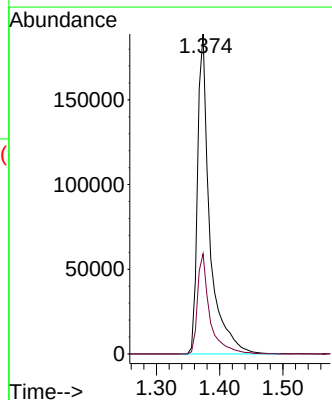
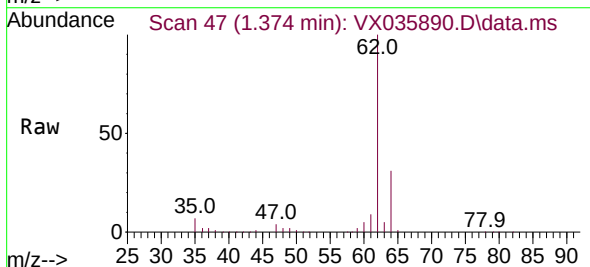
Manual Integrations
APPROVED

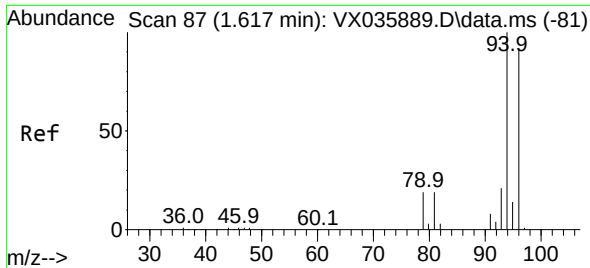
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#4
Vinyl Chloride
Concen: 98.116 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035890.D
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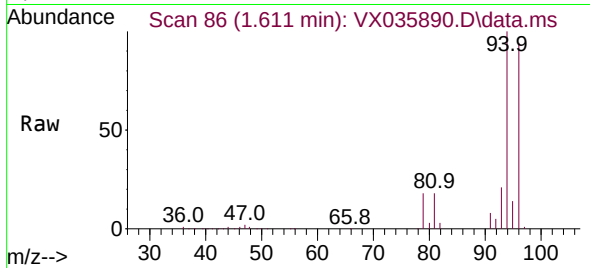
Tgt Ion: 62 Resp: 254367
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8





#5
Bromomethane
Concen: 99.560 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

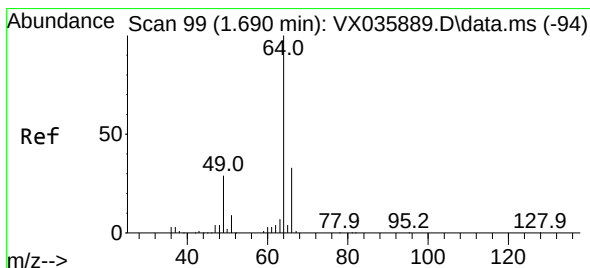
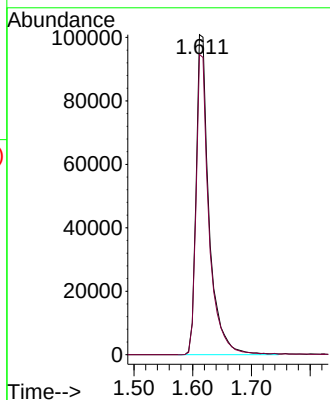
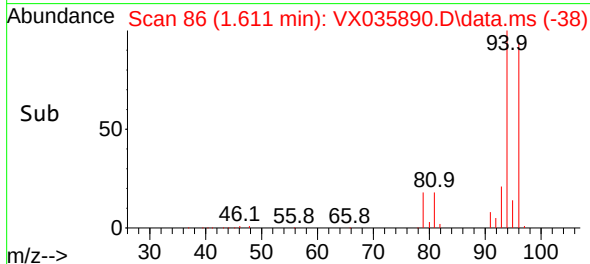
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 154679
Ion Ratio Lower Upper
94 100
96 93.8 73.5 110.3

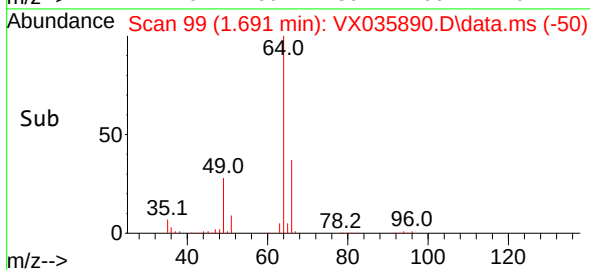
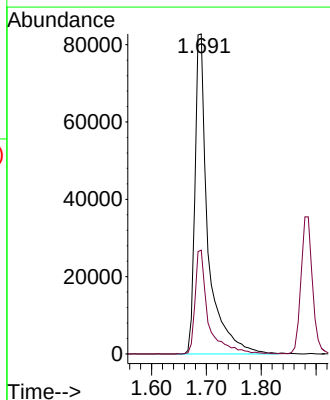
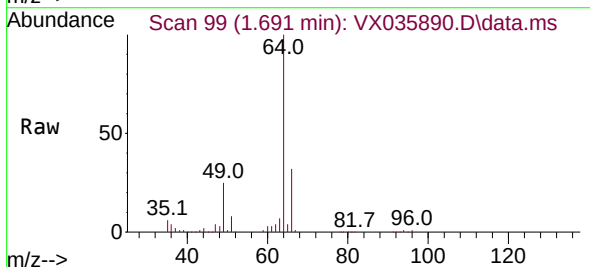
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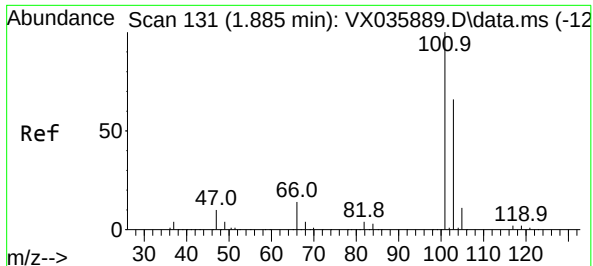
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#6
Chloroethane
Concen: 95.253 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Tgt Ion: 64 Resp: 137982
Ion Ratio Lower Upper
64 100
66 32.3 26.0 39.0





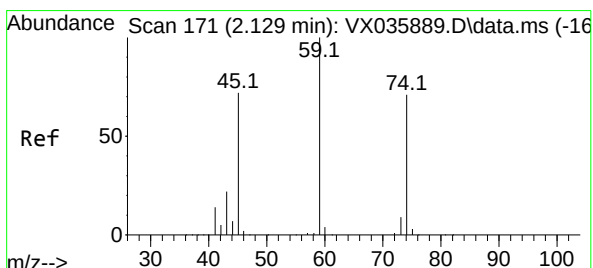
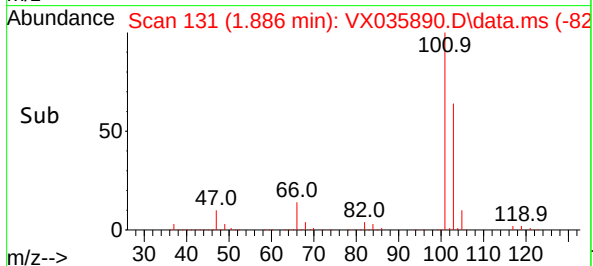
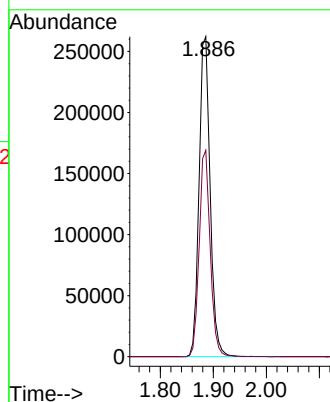
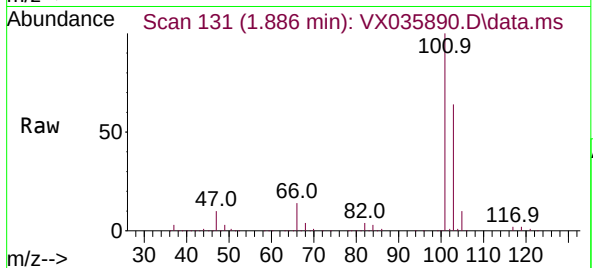
#7
Trichlorofluoromethane
Concen: 97.722 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 380180
Ion Ratio Lower Upper
101 100
103 64.5 53.2 79.8

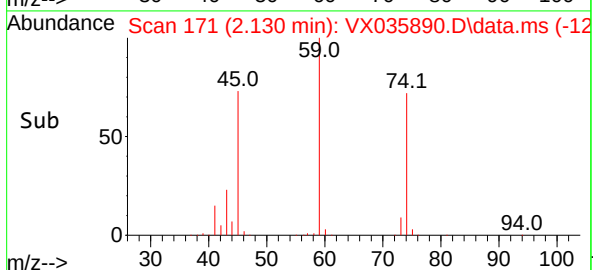
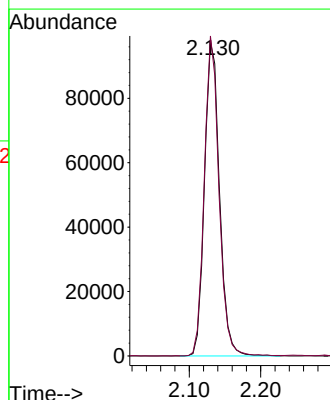
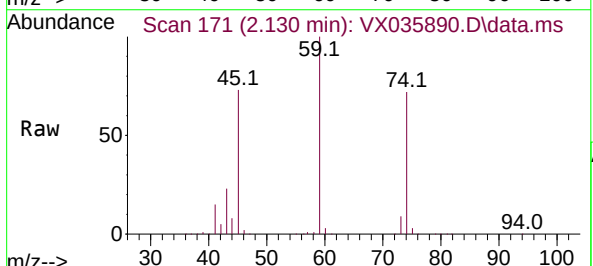
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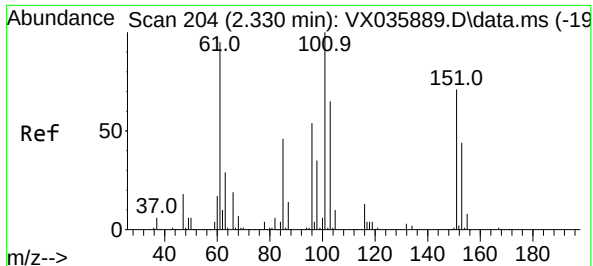
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#8
Diethyl Ether
Concen: 99.535 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Tgt Ion: 74 Resp: 142206
Ion Ratio Lower Upper
74 100
45 99.8 50.6 151.9





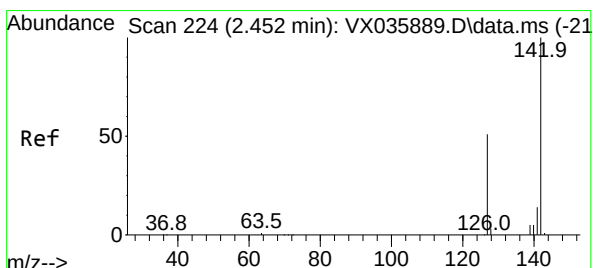
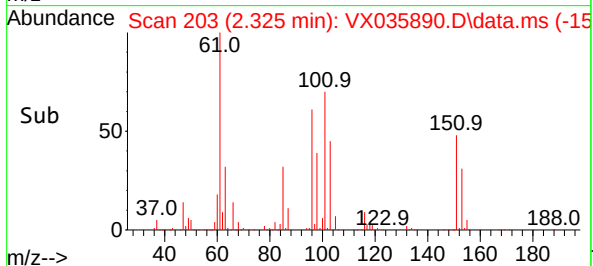
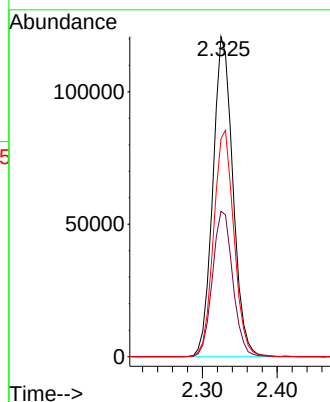
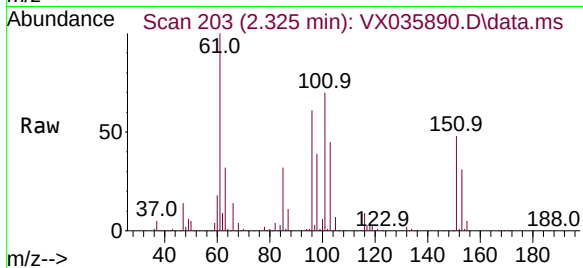
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.621 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 22511
Ion Ratio Lower Upper
101 100
85 46.1 37.3 55.9
151 71.7 57.0 85.6

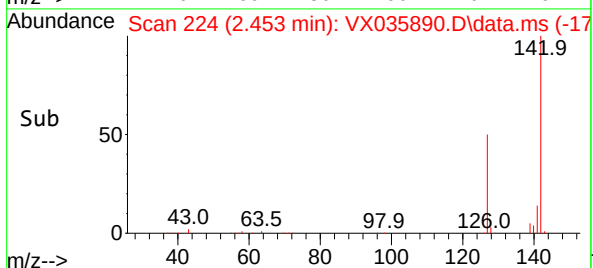
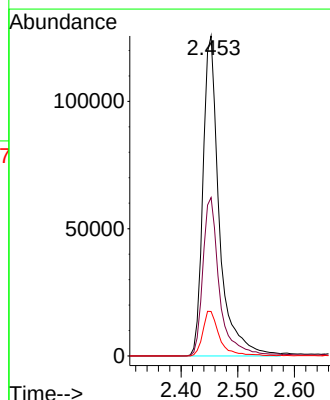
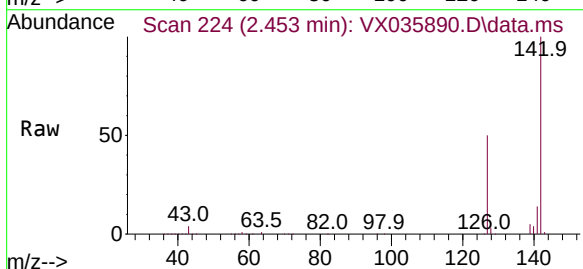
Manual Integrations
APPROVED

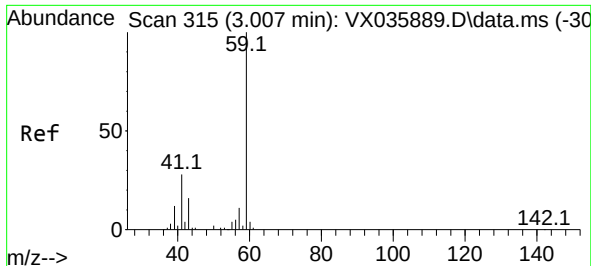
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#10
Methyl Iodide
Concen: 107.763 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

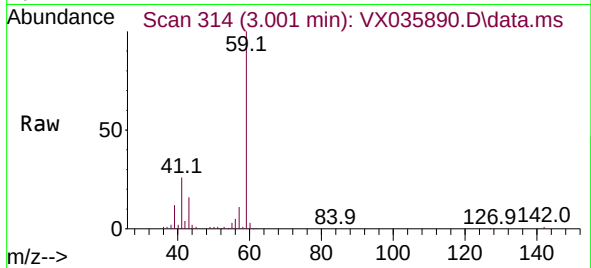
Tgt Ion:142 Resp: 252084
Ion Ratio Lower Upper
142 100
127 50.8 40.3 60.5
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 512.143 ug/l m
RT: 3.001 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

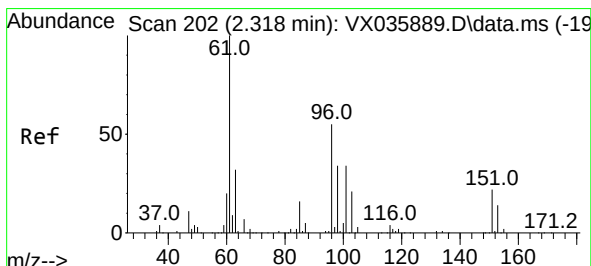
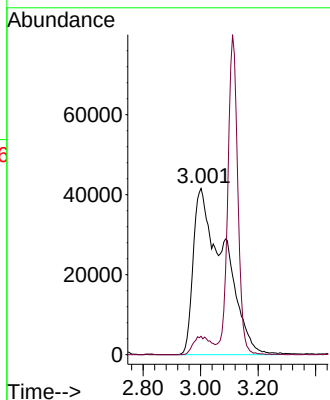
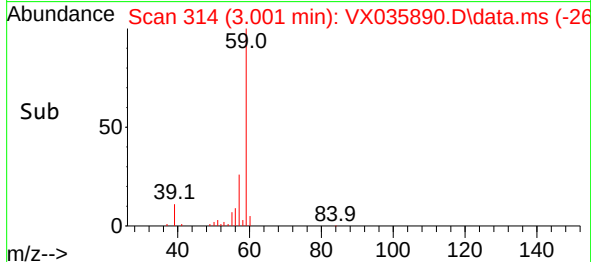
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 59 Resp: 311790
Ion Ratio Lower Upper
59 100
57 6.2 6.0 9.0

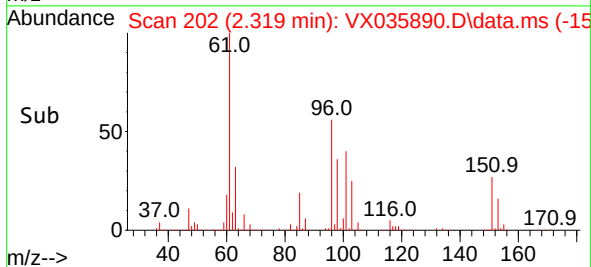
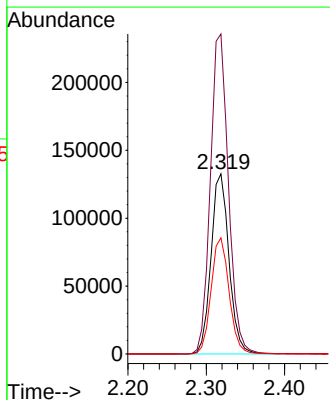
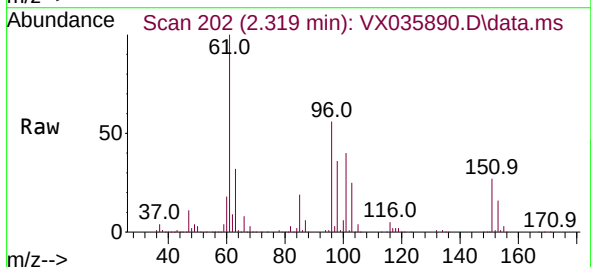
Manual Integrations
APPROVED

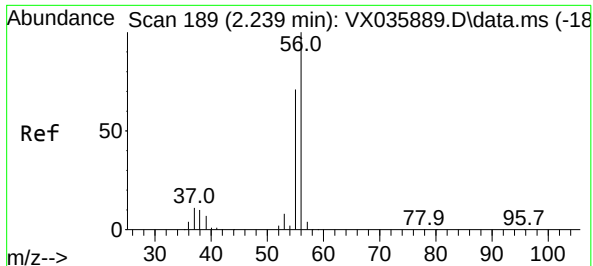
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#12
1,1-Dichloroethene
Concen: 97.863 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

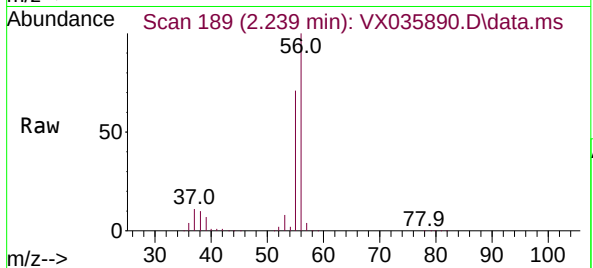
Tgt Ion: 96 Resp: 211520
Ion Ratio Lower Upper
96 100
61 177.7 145.2 217.8
98 64.5 49.3 73.9





#13
Acrolein
Concen: 495.162 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

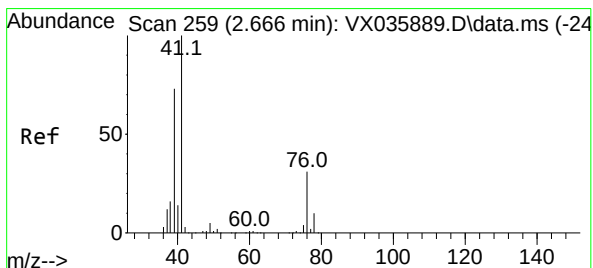
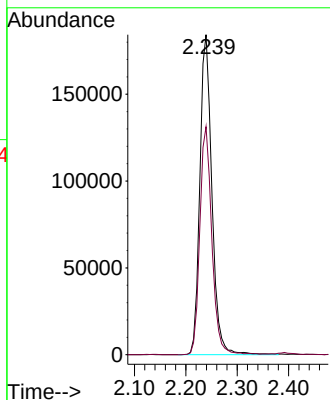
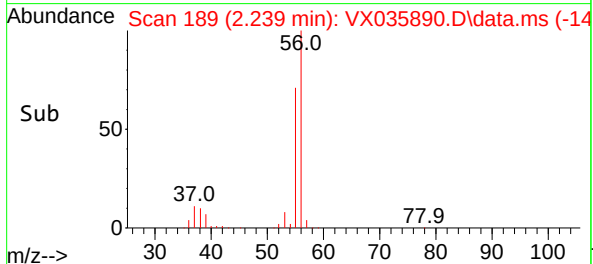
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 299092
Ion Ratio Lower Upper
56 100
55 71.6 57.3 85.9

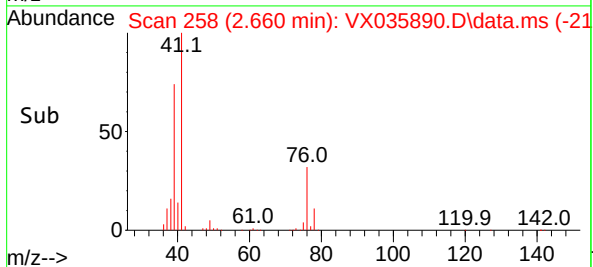
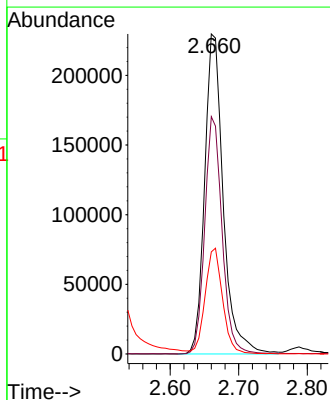
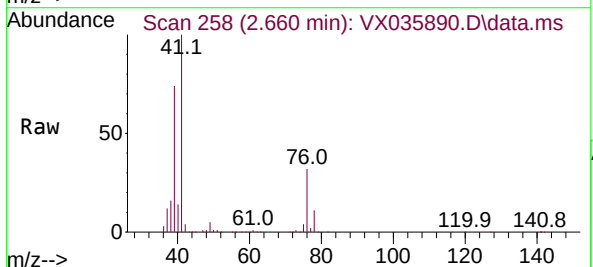
Manual Integrations
APPROVED

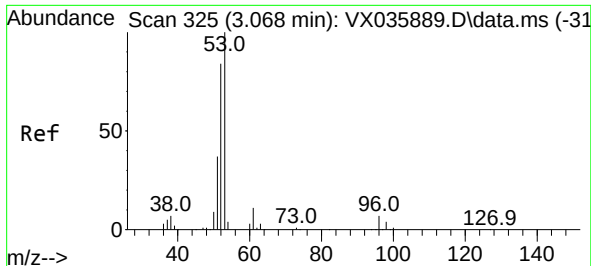
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#14
Allyl chloride
Concen: 101.820 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

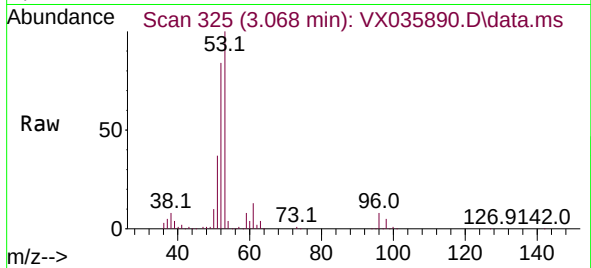
Tgt Ion: 41 Resp: 434769
Ion Ratio Lower Upper
41 100
39 69.3 56.9 85.3
76 31.2 24.1 36.1





#15
Acrylonitrile
Concen: 497.038 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

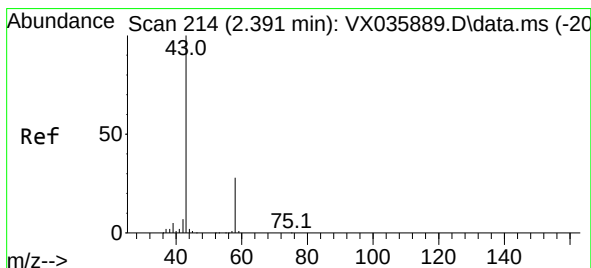
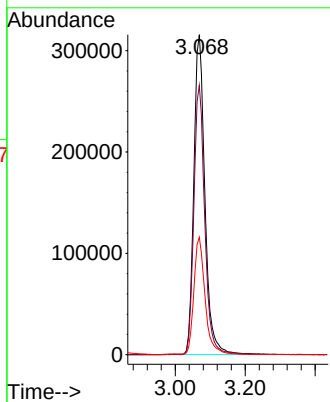
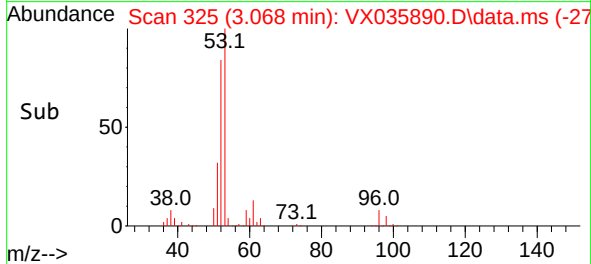
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 53 Resp: 692514
Ion Ratio Lower Upper
53 100
52 83.1 67.0 100.4
51 37.0 29.8 44.8

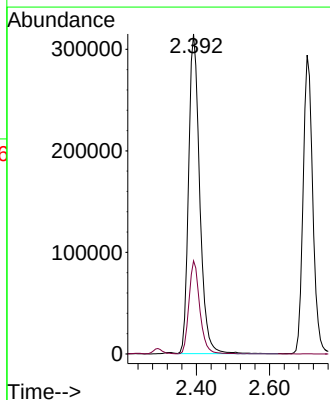
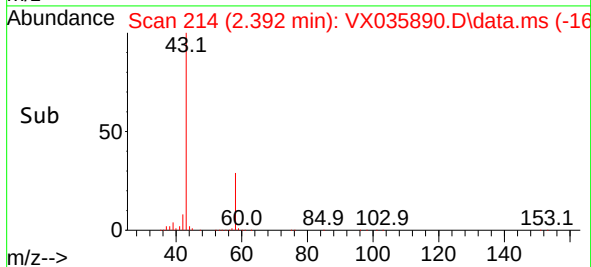
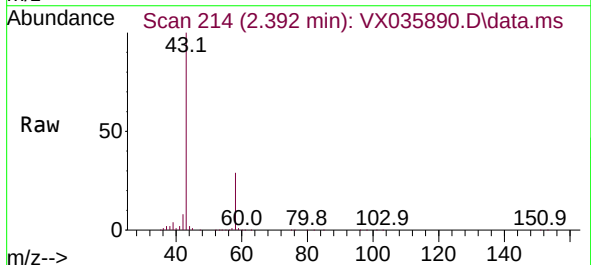
Manual Integrations
APPROVED

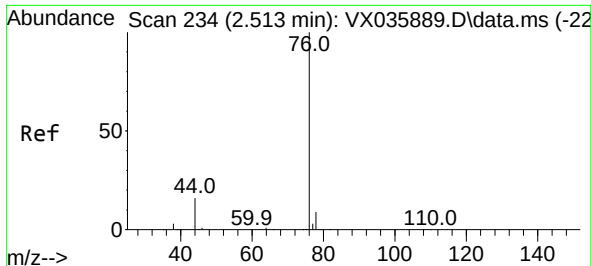
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#16
Acetone
Concen: 471.337 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Tgt Ion: 43 Resp: 665580
Ion Ratio Lower Upper
43 100
58 29.1 22.2 33.2





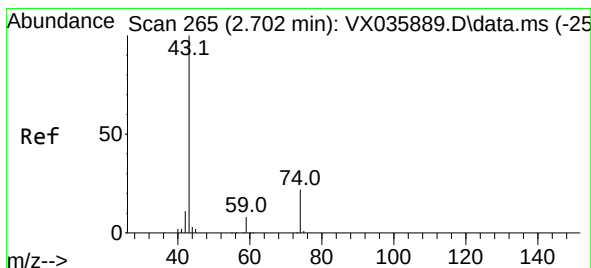
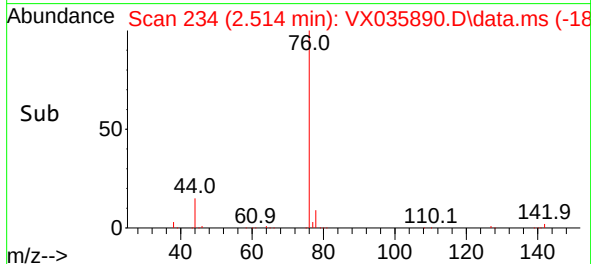
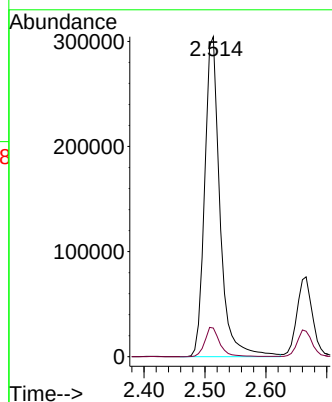
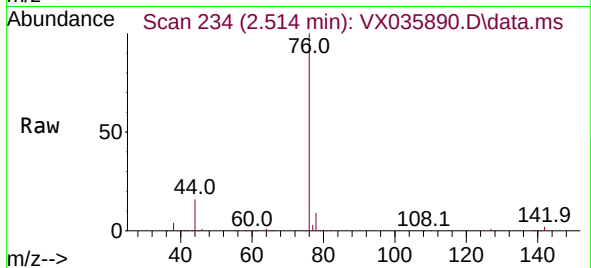
#17
Carbon Disulfide
Concen: 106.374 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 53253
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

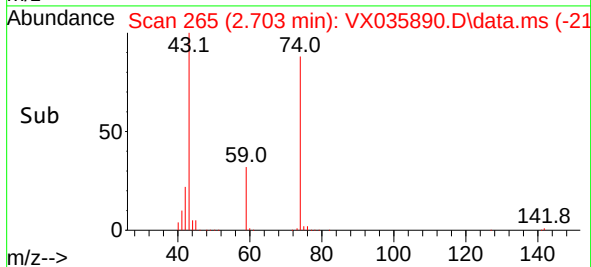
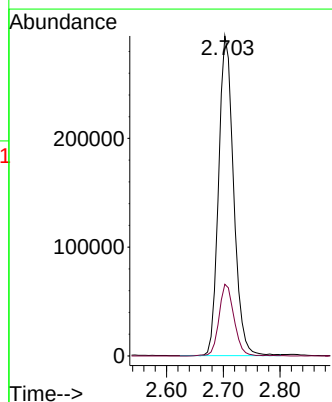
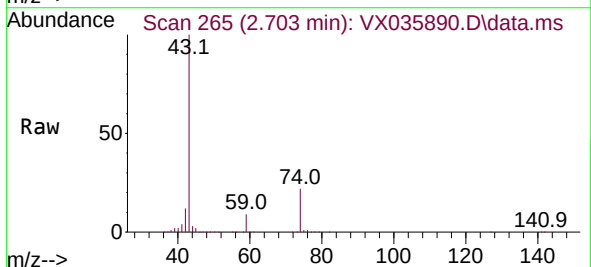
Manual Integrations
APPROVED

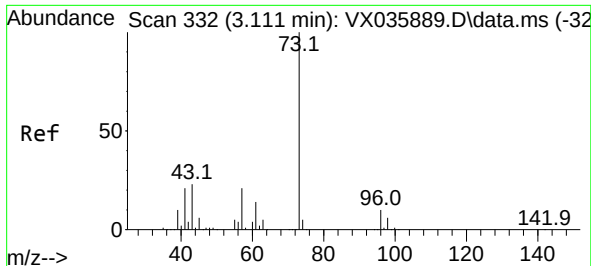
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#18
Methyl Acetate
Concen: 98.997 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Tgt Ion: 43 Resp: 539772
Ion Ratio Lower Upper
43 100
74 22.5 17.7 26.5





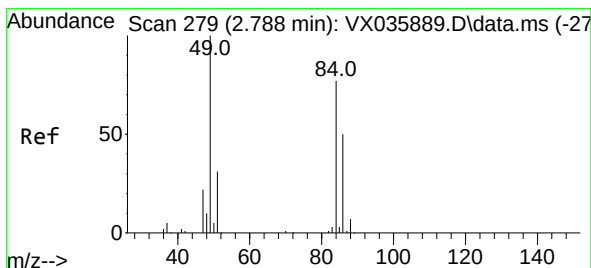
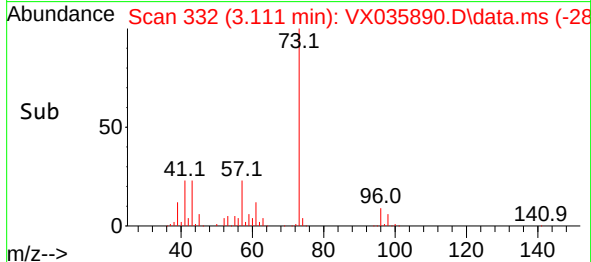
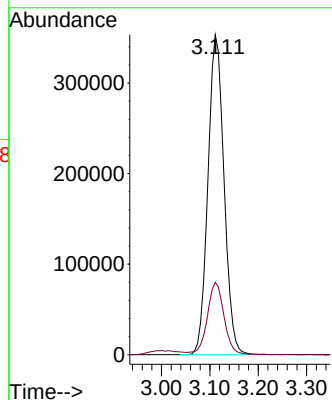
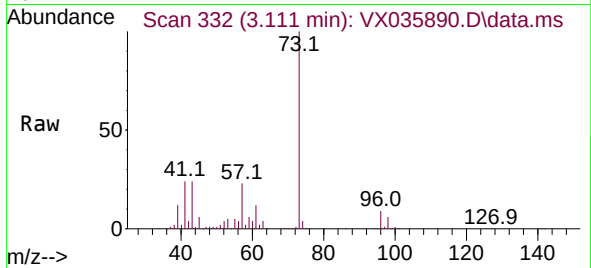
#19
Methyl tert-butyl Ether
Concen: 97.992 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 816602
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4

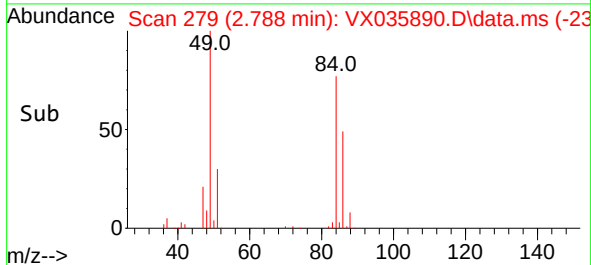
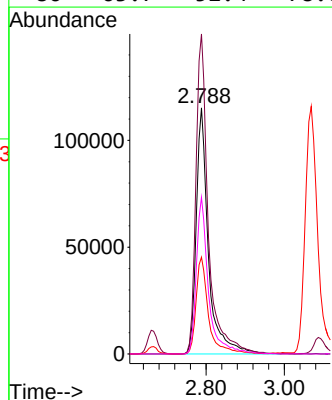
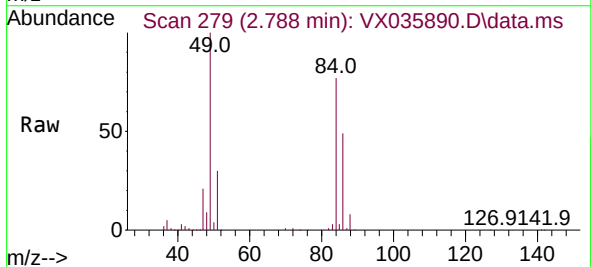
Manual Integrations
APPROVED

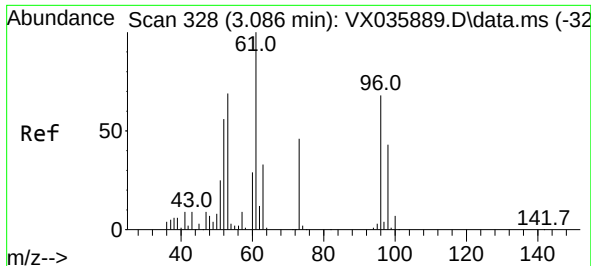
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#20
Methylene Chloride
Concen: 98.102 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

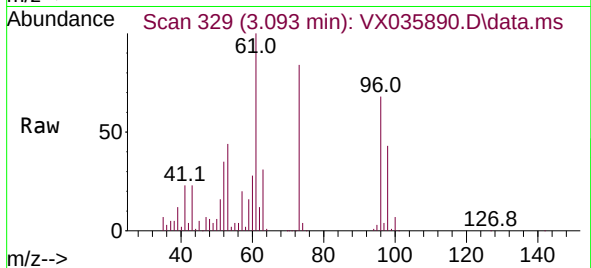
Tgt Ion: 84 Resp: 250623
Ion Ratio Lower Upper
84 100
49 130.0 104.6 156.8
51 39.3 32.2 48.4
86 63.7 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 97.933 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

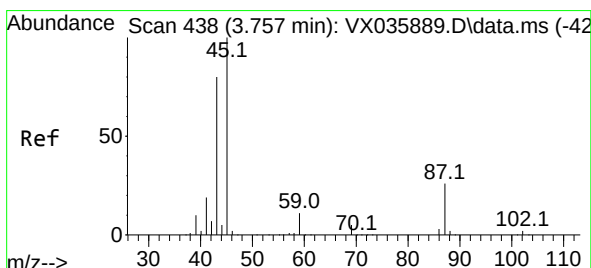
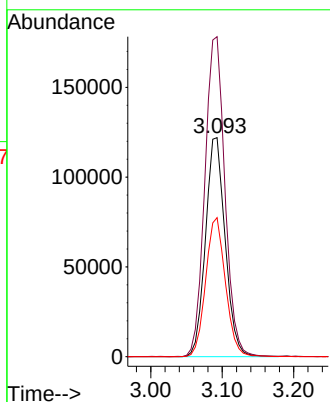
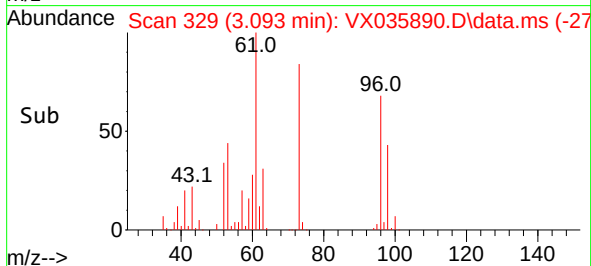
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 23334
Ion Ratio Lower Upper
96 100
61 146.0 118.2 177.4
98 63.5 50.6 75.8

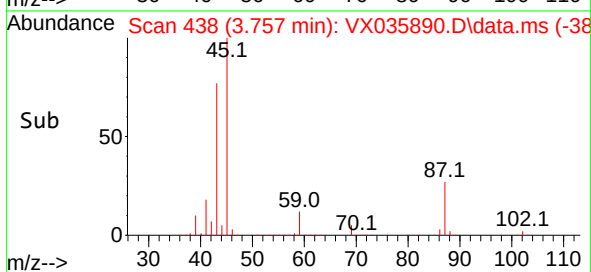
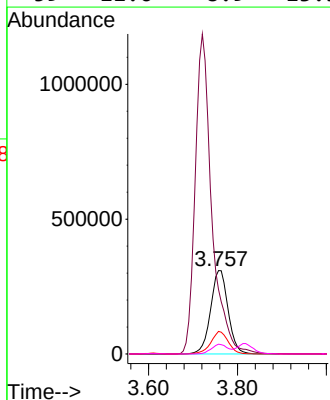
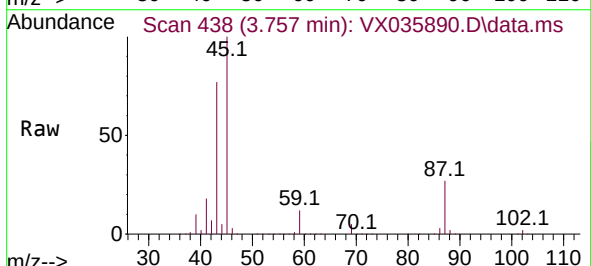
Manual Integrations
APPROVED

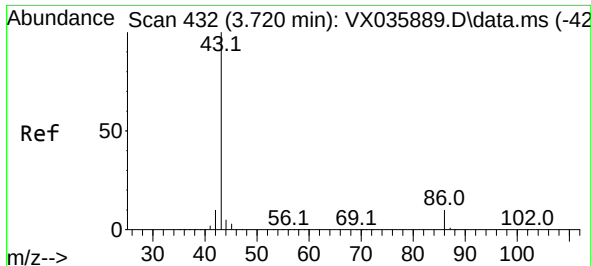
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#22
Diisopropyl ether
Concen: 98.391 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Tgt Ion: 45 Resp: 843632
Ion Ratio Lower Upper
45 100
43 77.2 63.8 95.6
87 27.1 20.6 31.0
59 11.6 8.9 13.3





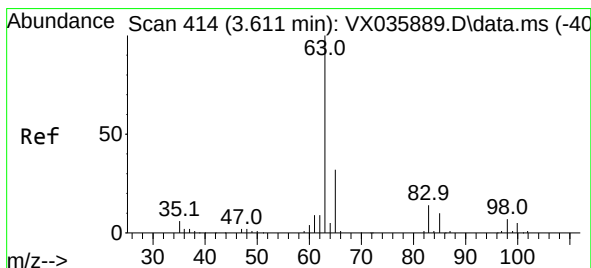
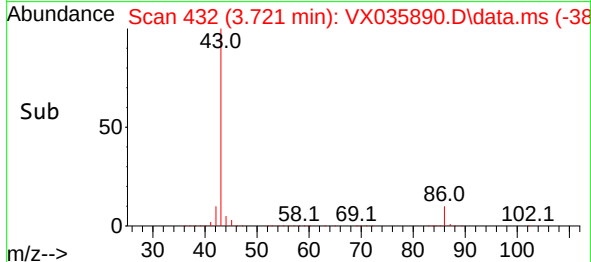
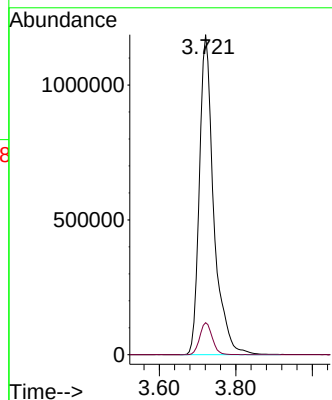
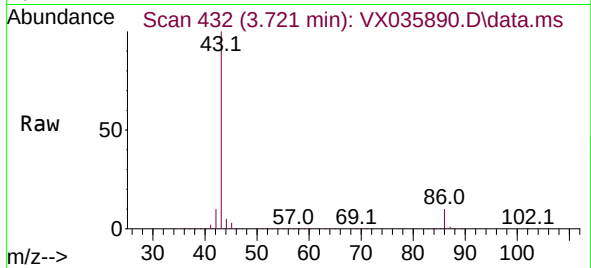
#23
 Vinyl Acetate
 Concen: 516.461 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035890.D
 Acq: 26 May 2023 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 43 Resp: 308477
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.6

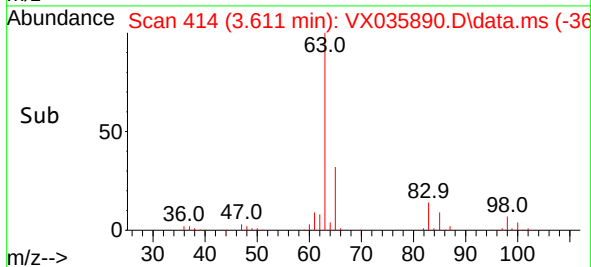
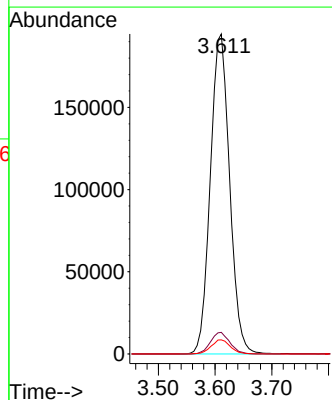
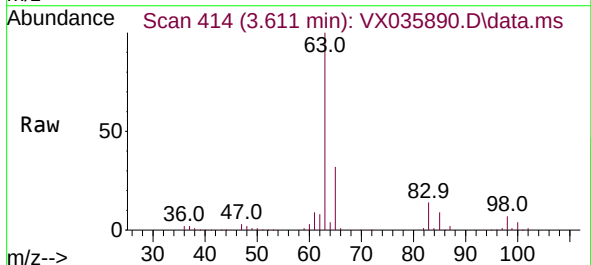
Manual Integrations
 APPROVED

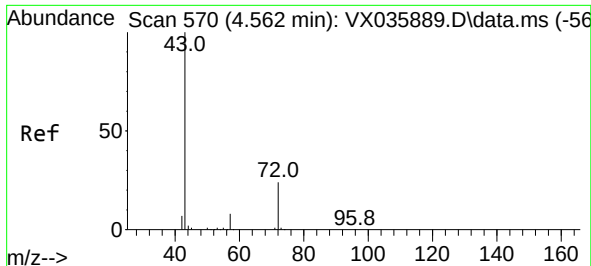
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#24
 1,1-Dichloroethane
 Concen: 97.253 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035890.D
 Acq: 26 May 2023 17:50

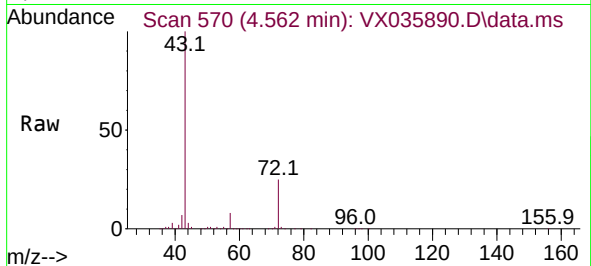
Tgt Ion: 63 Resp: 460186
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 504.136 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

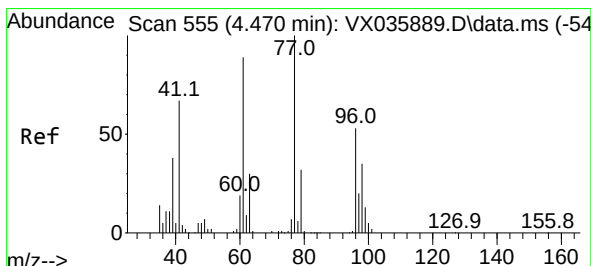
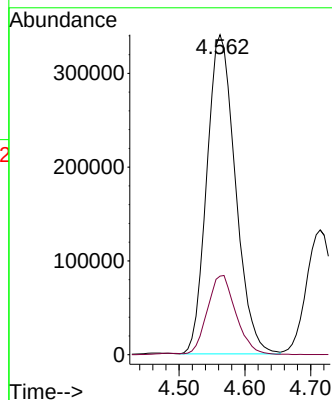
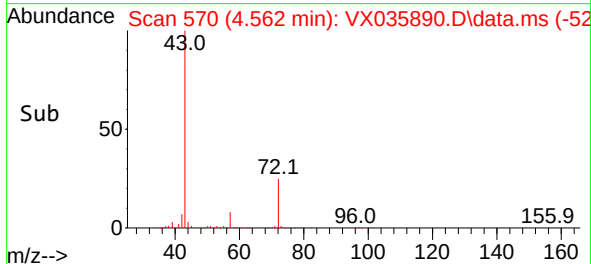
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 102974
Ion Ratio Lower Upper
43 100
72 24.5 19.4 29.2

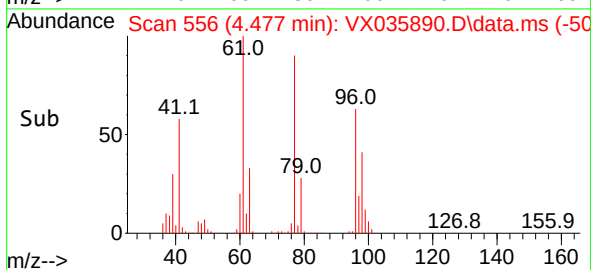
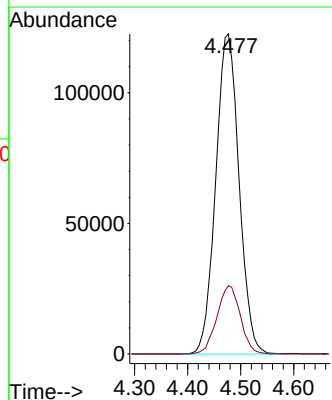
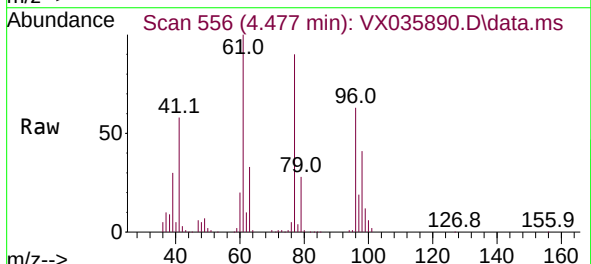
Manual Integrations
APPROVED

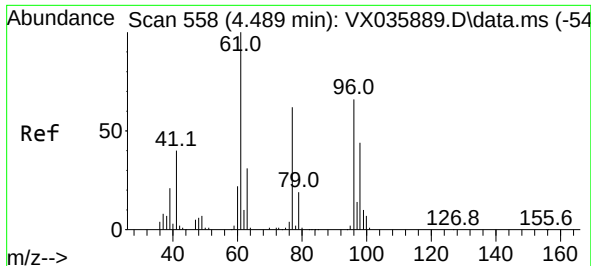
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#26
2,2-Dichloropropane
Concen: 102.587 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

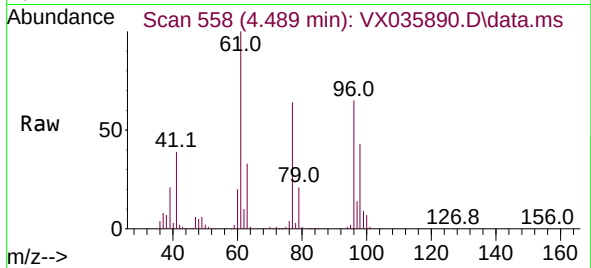
Tgt Ion: 77 Resp: 374329
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.6





#27
 cis-1,2-Dichloroethene
 Concen: 98.364 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX035890.D
 Acq: 26 May 2023 17:50

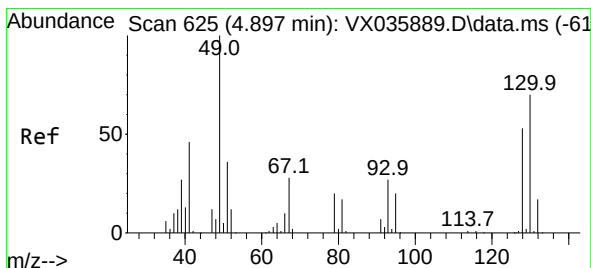
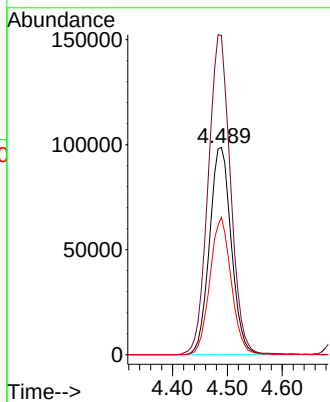
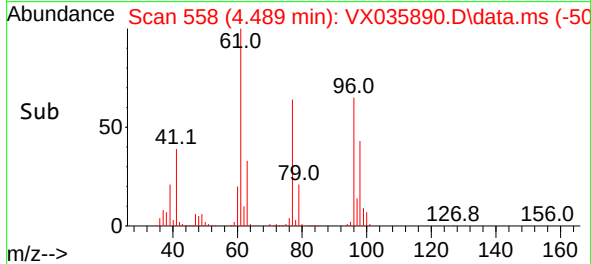
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 272623
 Ion Ratio Lower Upper
 96 100
 61 157.7 0.0 312.6
 98 64.6 0.0 130.0

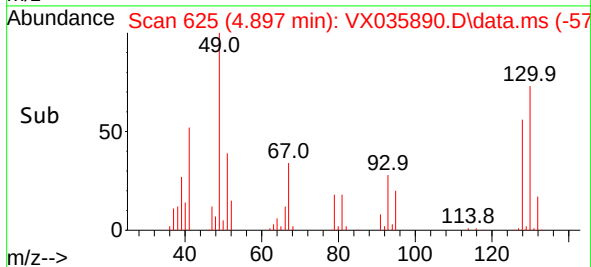
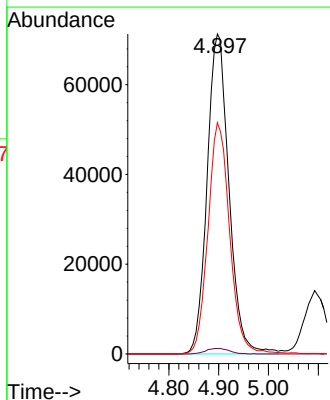
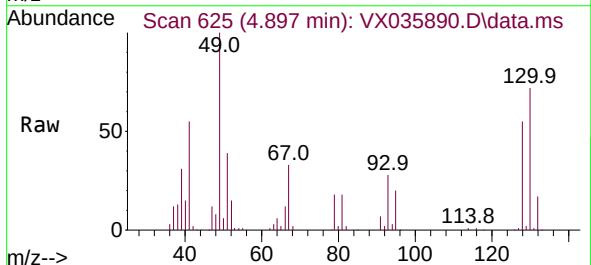
Manual Integrations
 APPROVED

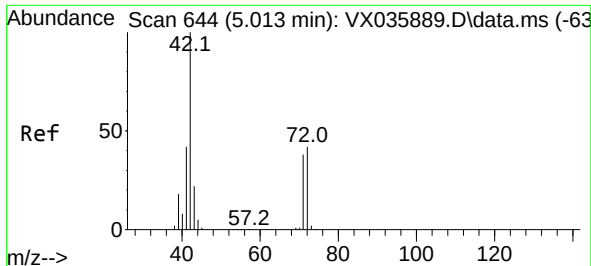
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#28
 Bromochloromethane
 Concen: 94.674 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX035890.D
 Acq: 26 May 2023 17:50

Tgt Ion: 49 Resp: 217084
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 71.7 55.8 83.8





#29

Tetrahydrofuran

Concen: 503.707 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 665640

Ion Ratio Lower Upper

42 100

72 42.9 34.2 51.2

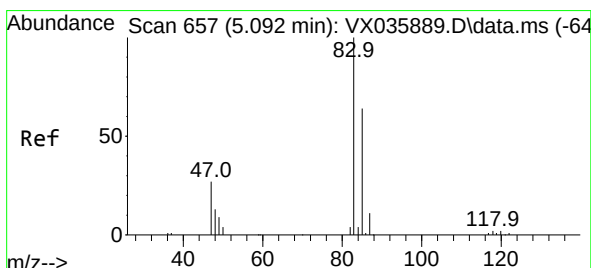
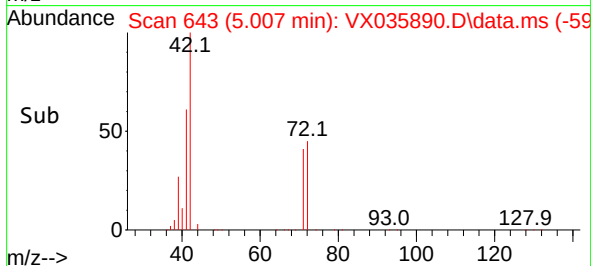
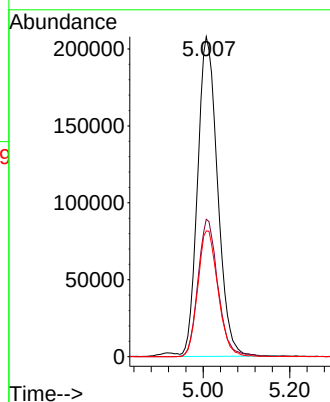
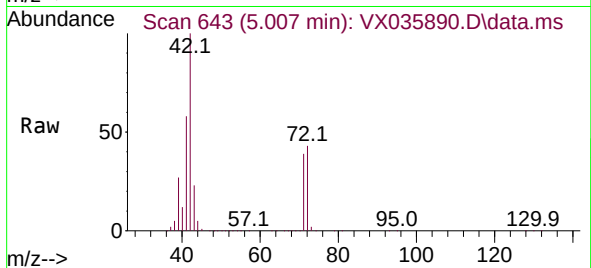
71 39.9 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#30

Chloroform

Concen: 98.220 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX035890.D

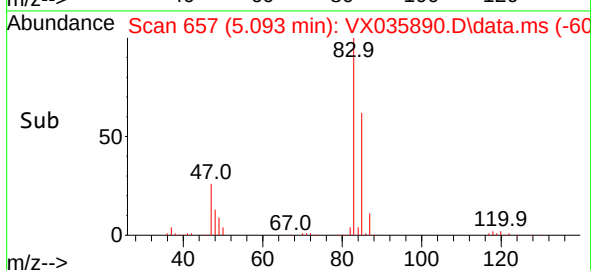
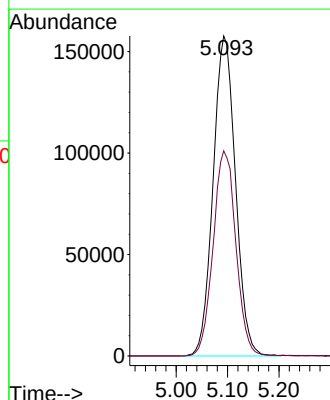
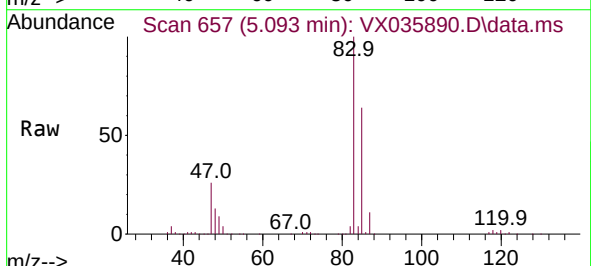
Acq: 26 May 2023 17:50

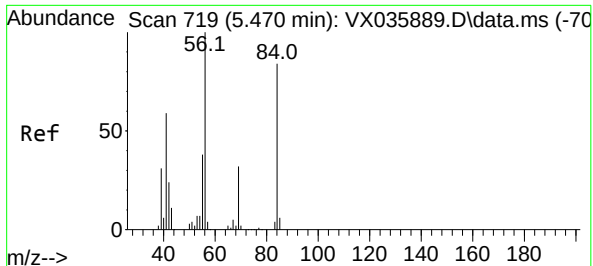
Tgt Ion: 83 Resp: 476794

Ion Ratio Lower Upper

83 100

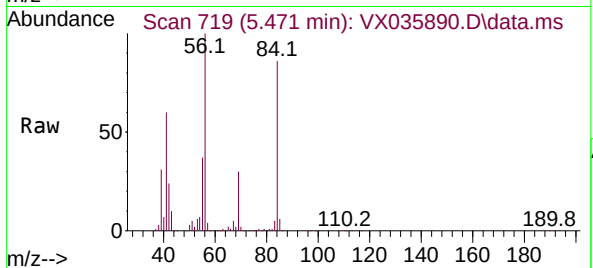
85 64.1 51.0 76.4





#31
Cyclohexane
Concen: 97.985 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

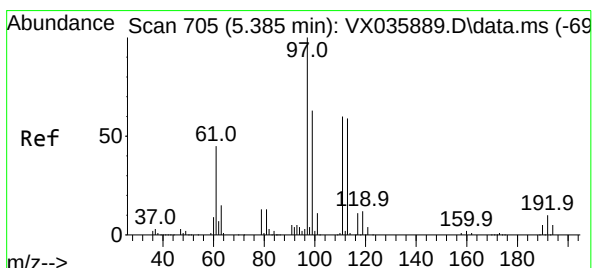
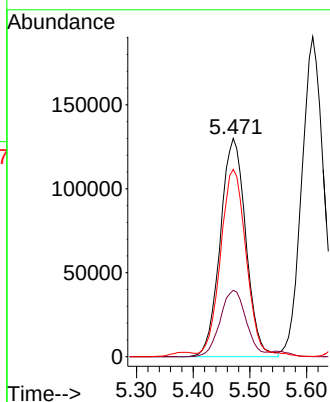
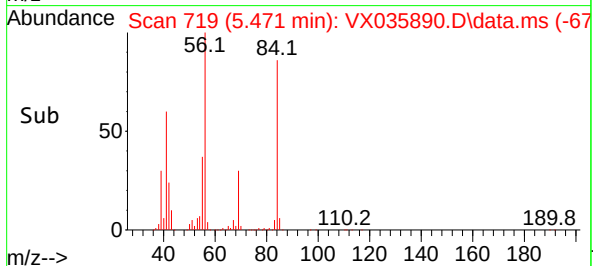
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 407072
Ion Ratio Lower Upper
56 100
69 30.5 25.9 38.9
84 83.9 67.6 101.4

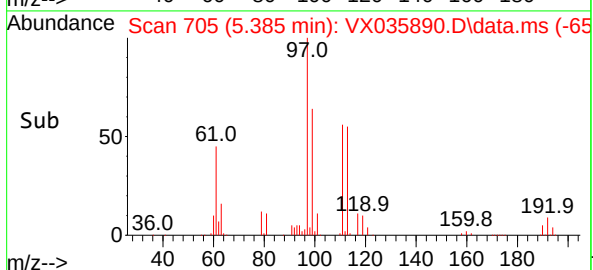
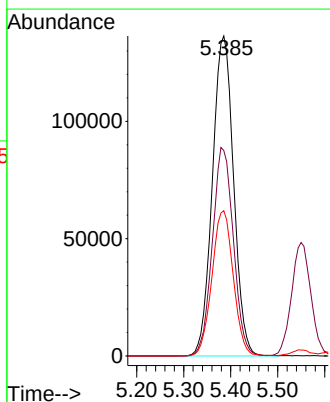
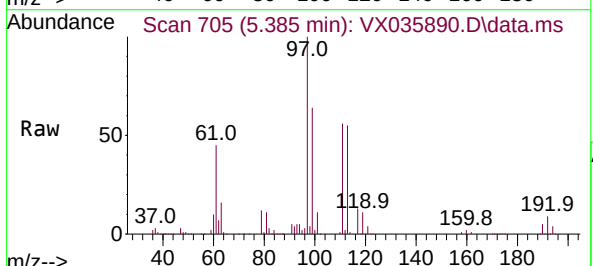
Manual Integrations
APPROVED

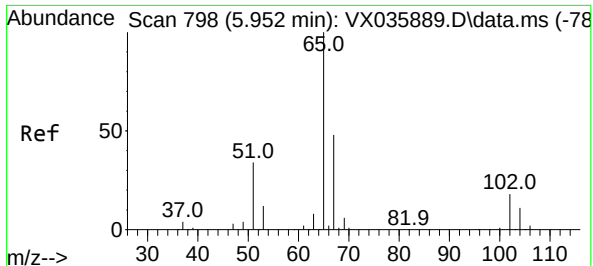
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#32
1,1,1-Trichloroethane
Concen: 101.949 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Tgt Ion: 97 Resp: 427628
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 45.6 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 87.255 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 305198

Ion Ratio Lower Upper

65 100

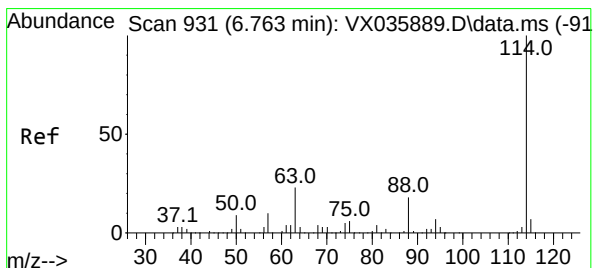
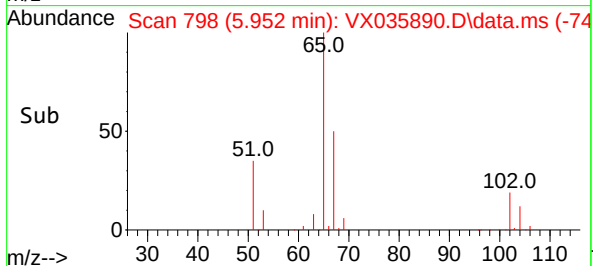
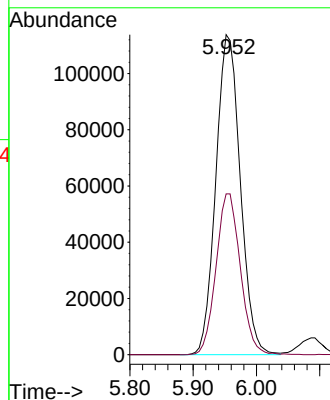
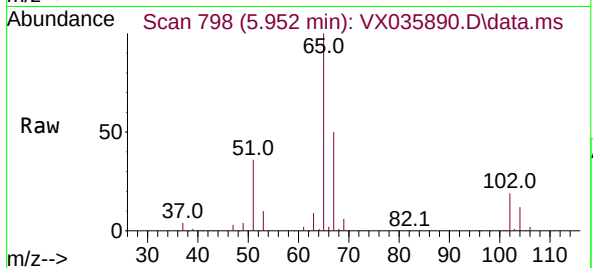
67 49.9 0.0 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

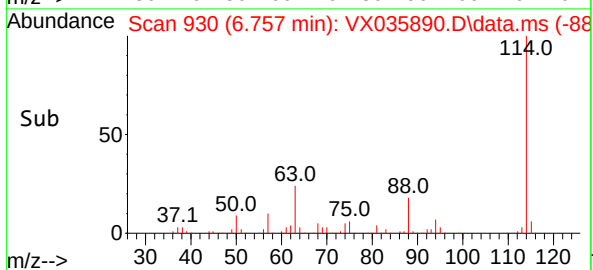
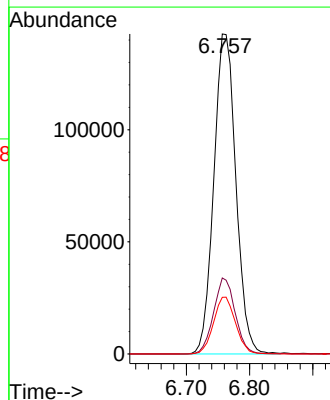
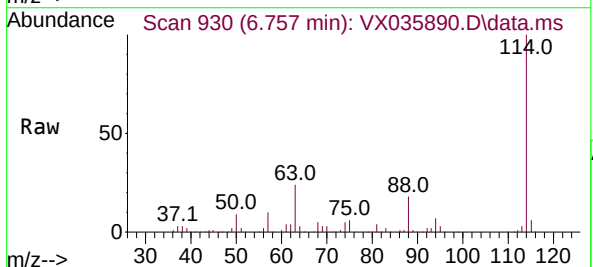
Tgt Ion:114 Resp: 345583

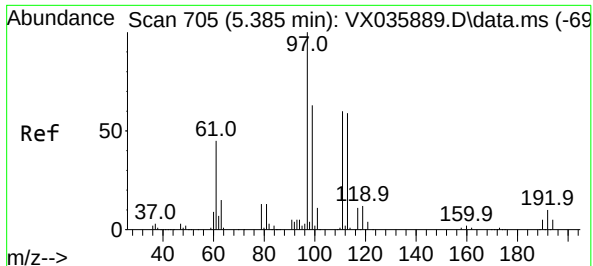
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.0

88 17.7 0.0 35.2





#35

Dibromofluoromethane

Concen: 91.665 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 217590

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

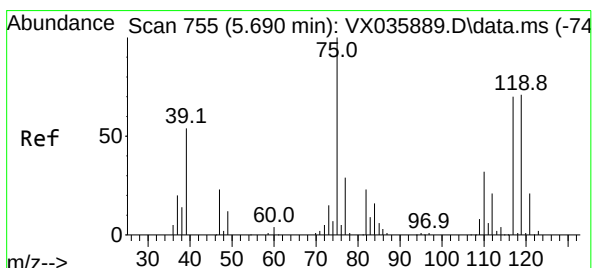
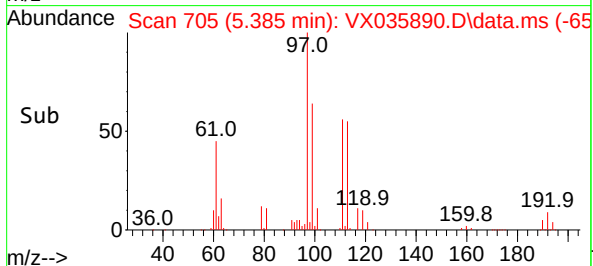
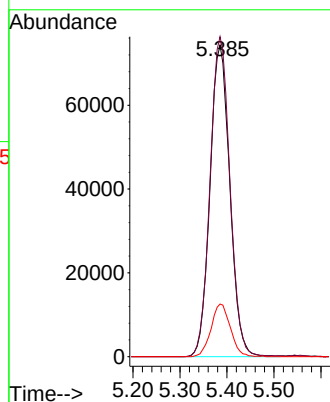
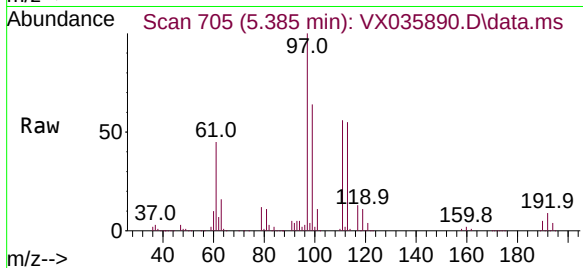
192 16.5 13.5 20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#36

1,1-Dichloropropene

Concen: 97.275 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

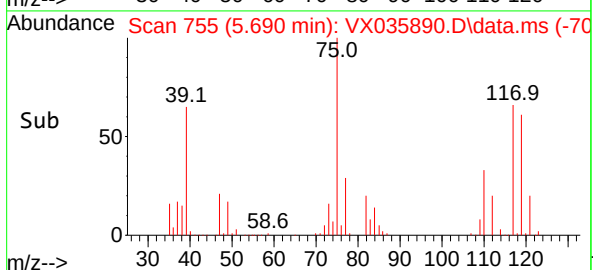
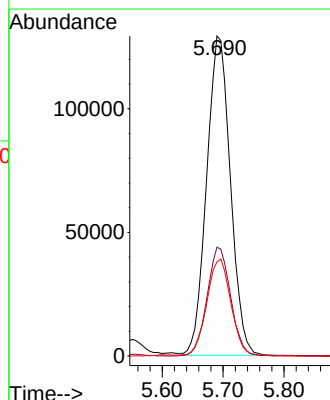
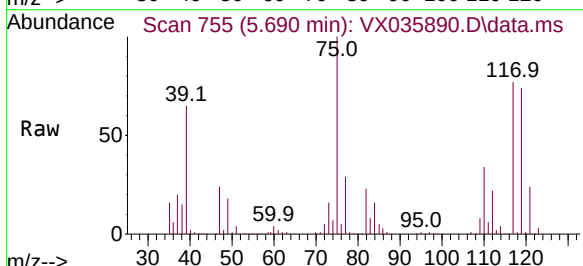
Tgt Ion: 75 Resp: 350634

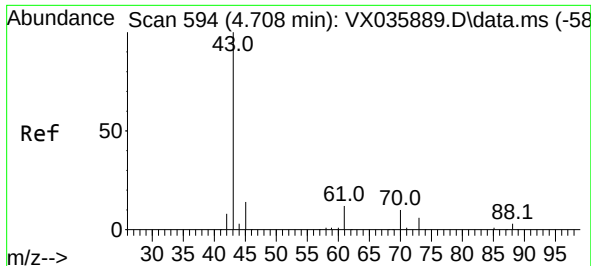
Ion Ratio Lower Upper

75 100

110 33.7 16.6 49.7

77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 100.696 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 392914

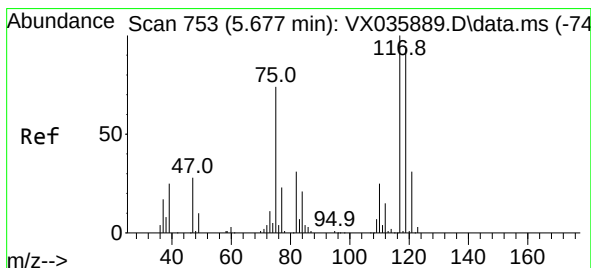
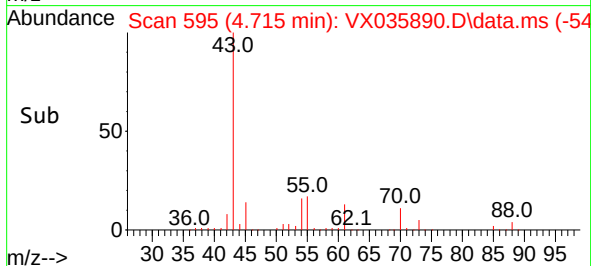
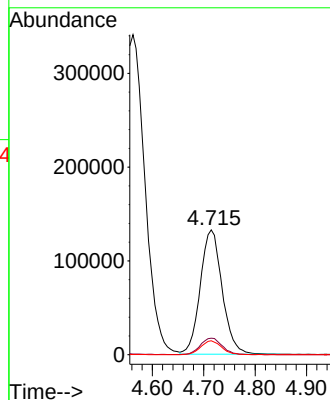
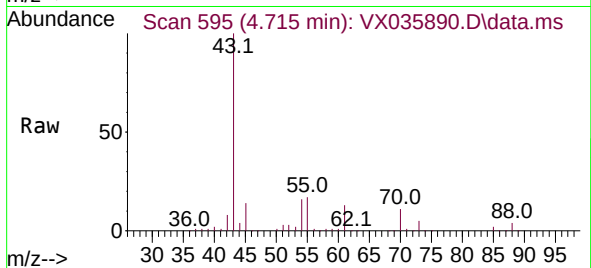
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.3	15.5
70	10.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#38

Carbon Tetrachloride

Concen: 105.432 ug/l

RT: 5.678 min Scan# 753

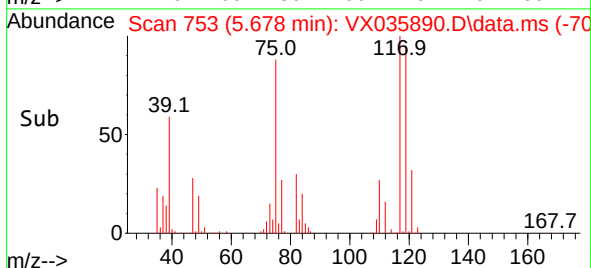
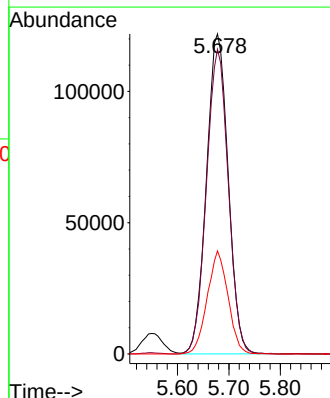
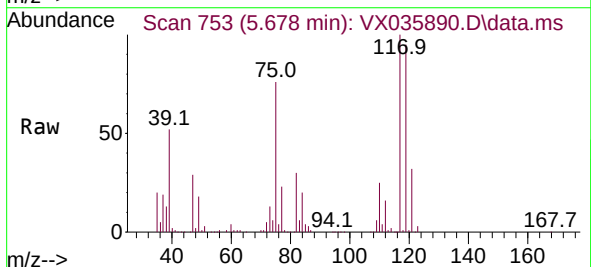
Delta R.T. 0.000 min

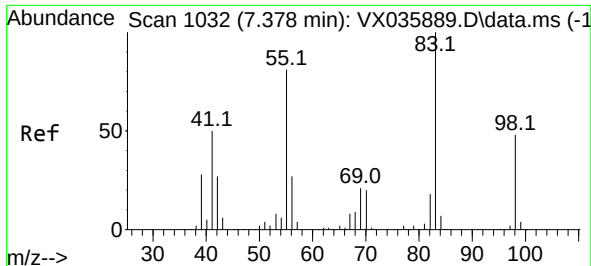
Lab File: VX035890.D

Acq: 26 May 2023 17:50

Tgt Ion:117 Resp: 358188

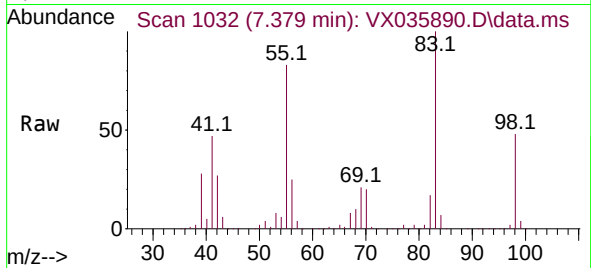
Ion	Ratio	Lower	Upper
117	100		
119	95.2	74.1	111.1
121	32.2	25.0	37.4





#39
Methylcyclohexane
Concen: 100.873 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

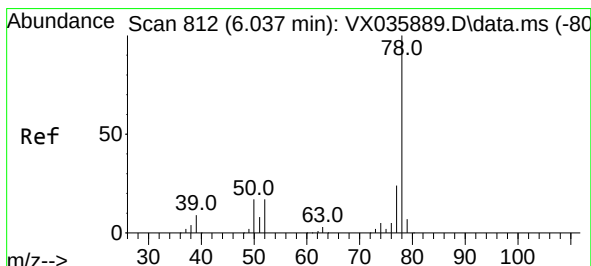
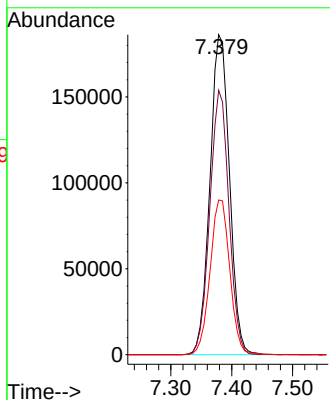
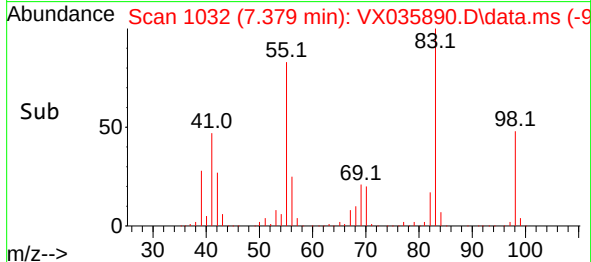
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



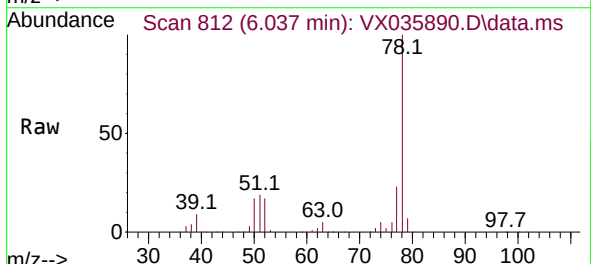
Tgt Ion: 83 Resp: 414879
Ion Ratio Lower Upper
83 100
55 82.6 64.9 97.3
98 48.3 38.1 57.1

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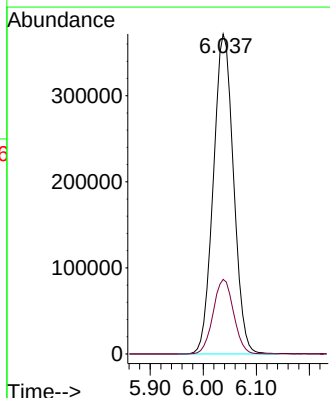
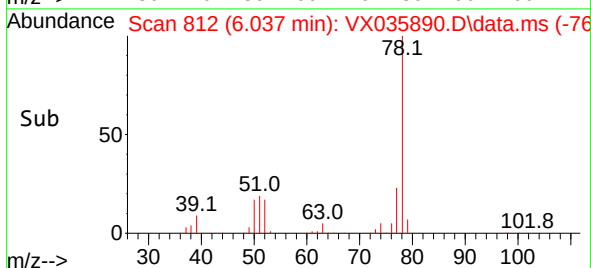
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

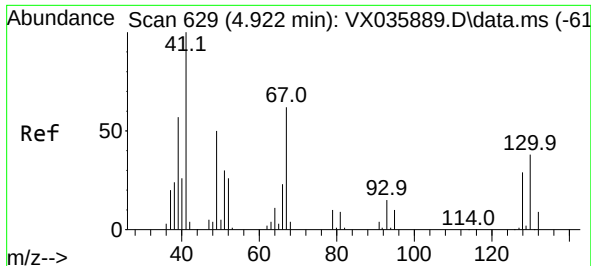


#40
Benzene
Concen: 97.414 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50



Tgt Ion: 78 Resp: 983489
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





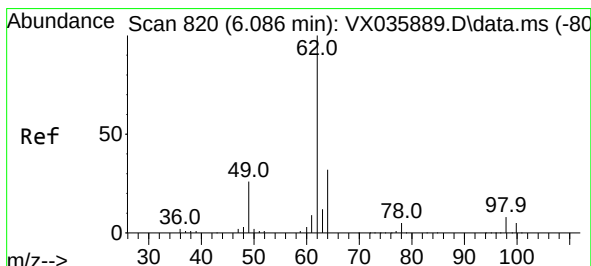
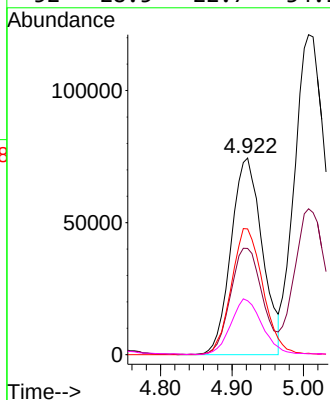
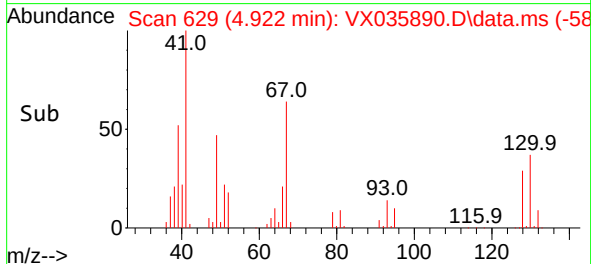
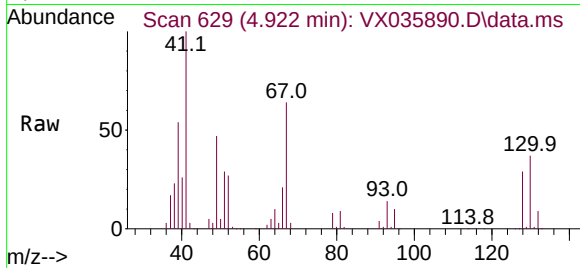
#41
Methacrylonitrile
Concen: 101.933 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC100

Tgt Ion: 41 Resp: 226410
Ion Ratio Lower Upper
41 100
39 55.3 45.6 68.4
67 64.9 51.8 77.6
52 28.5 22.7 34.1

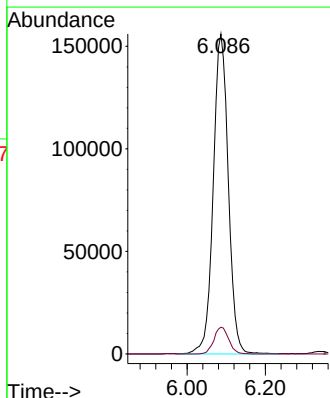
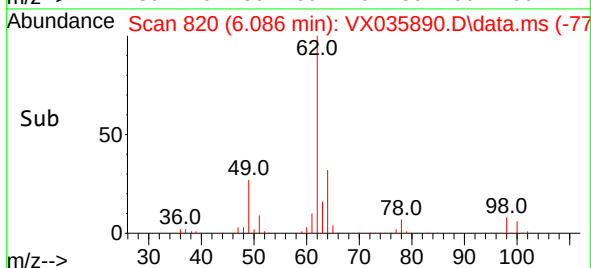
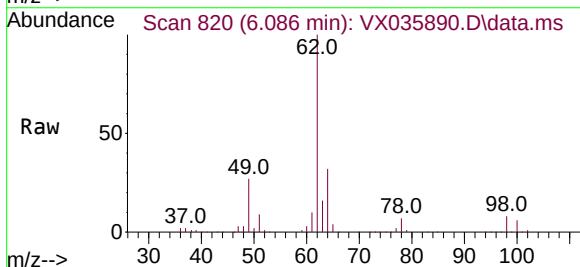
Manual Integrations
APPROVED

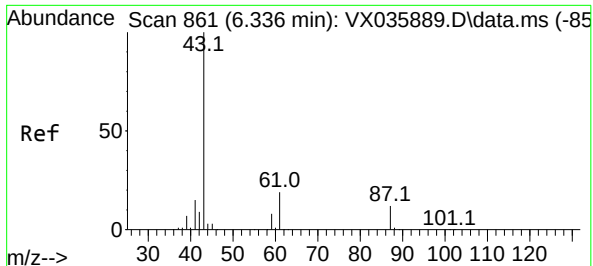
Reviewed By : John Carlone 05/30/2023
Supervised By : Mahesh Dadoda 05/30/2023



#42
1,2-Dichloroethane
Concen: 97.651 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Tgt Ion: 62 Resp: 416423
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 104.213 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 651620

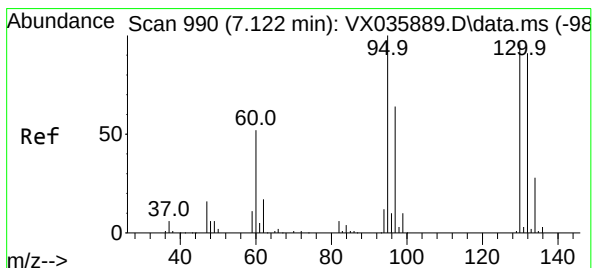
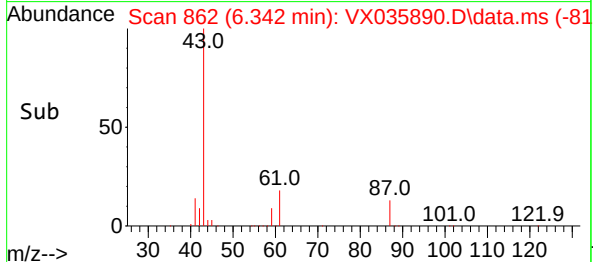
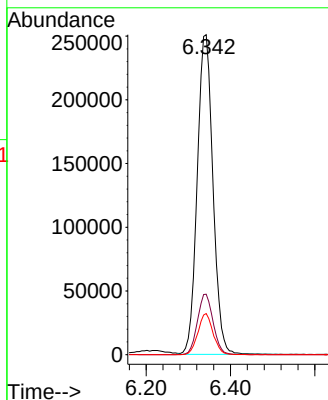
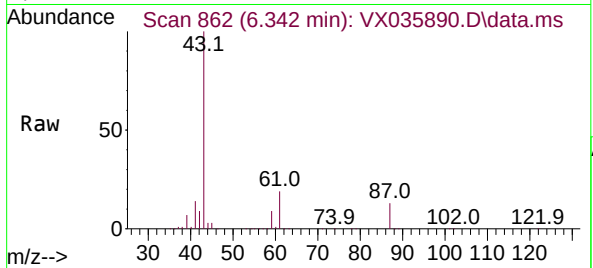
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.0	22.4
87	12.4	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#44

Trichloroethene

Concen: 101.033 ug/l

RT: 7.123 min Scan# 990

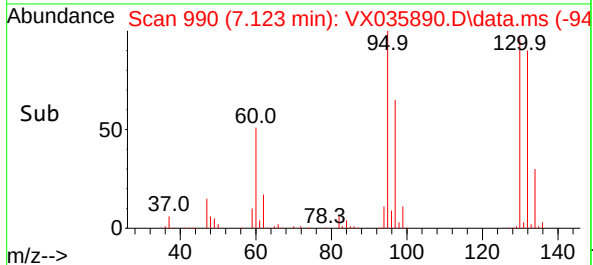
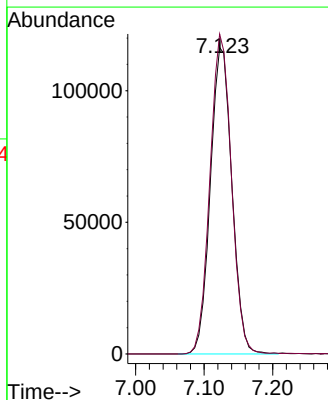
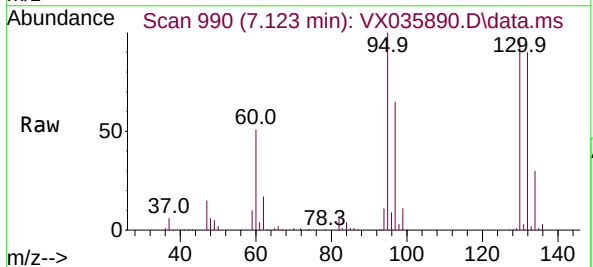
Delta R.T. 0.000 min

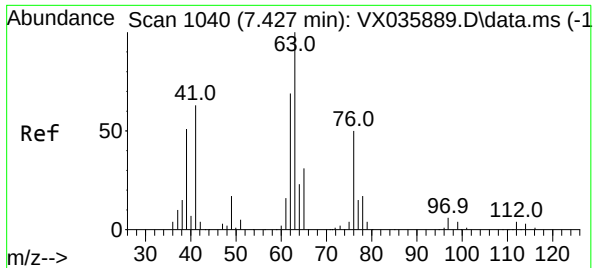
Lab File: VX035890.D

Acq: 26 May 2023 17:50

Tgt Ion:130 Resp: 254092

Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	207.6





#45

1,2-Dichloropropane

Concen: 97.900 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 26064

Ion Ratio Lower Upper

63 100

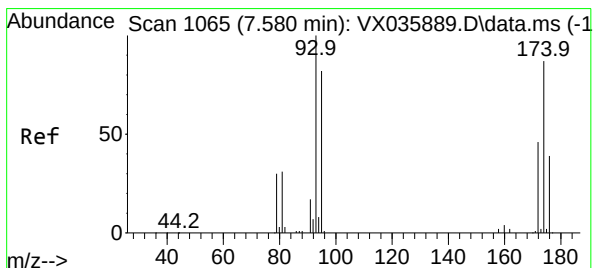
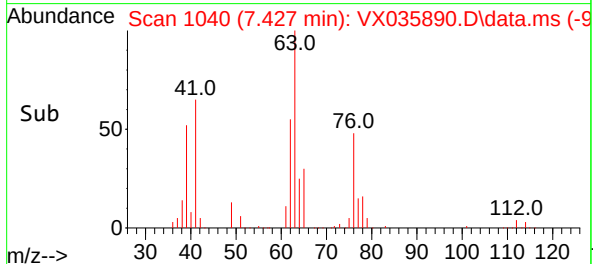
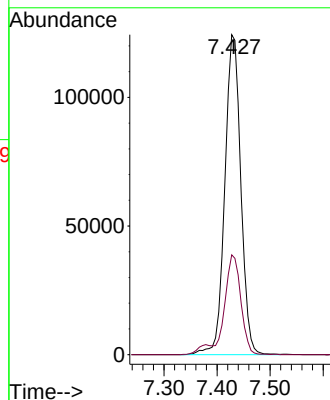
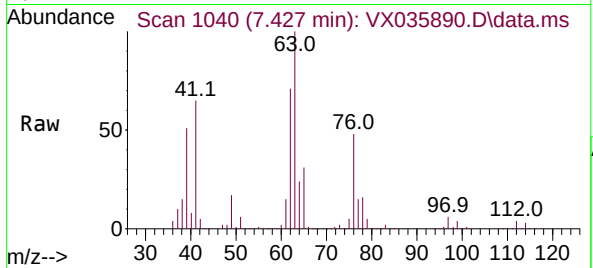
65 31.2 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#46

Dibromomethane

Concen: 100.155 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

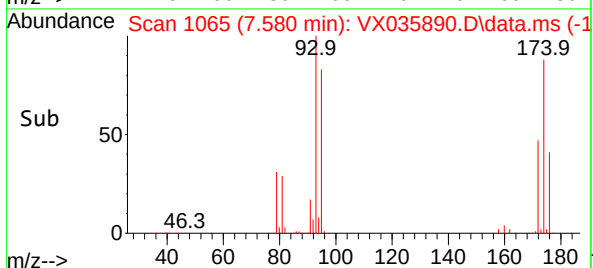
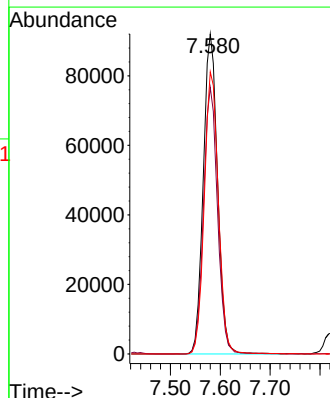
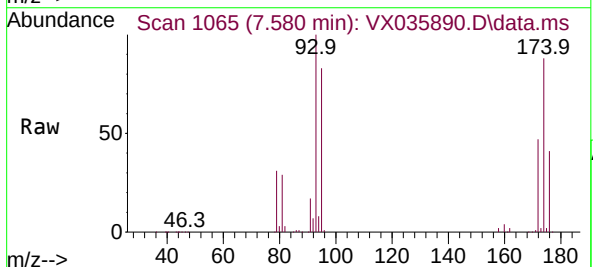
Tgt Ion: 93 Resp: 183095

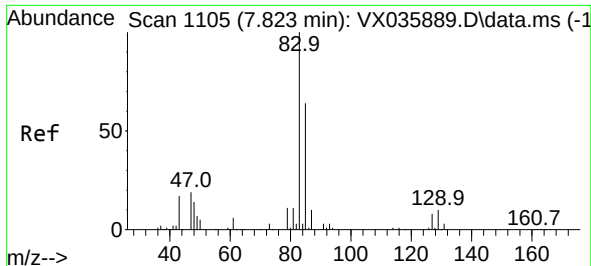
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.2

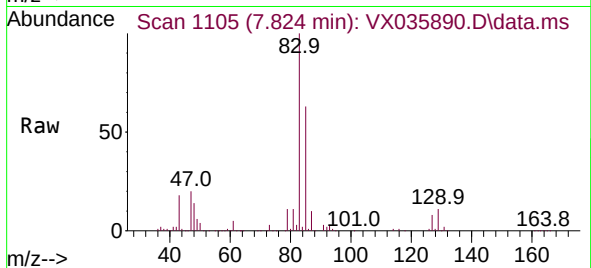
174 87.1 69.5 104.3





#47
Bromodichloromethane
Concen: 107.082 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

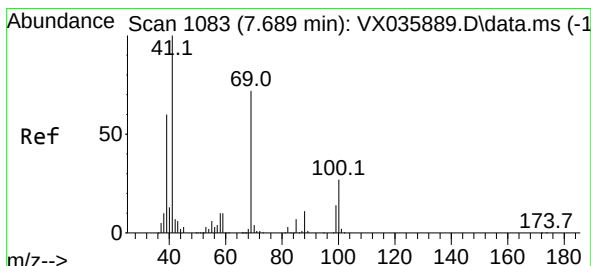
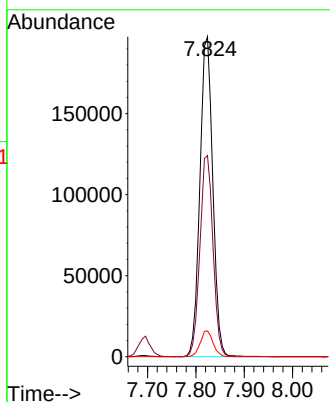
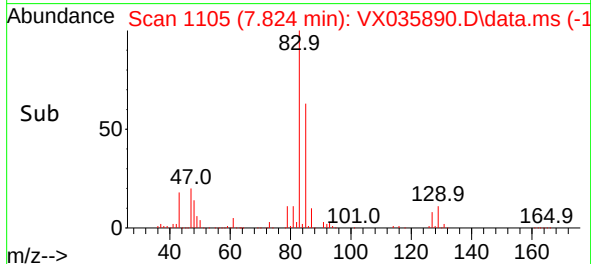
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 36487
Ion Ratio Lower Upper
83 100
85 62.9 51.3 76.9
127 8.1 6.6 10.0

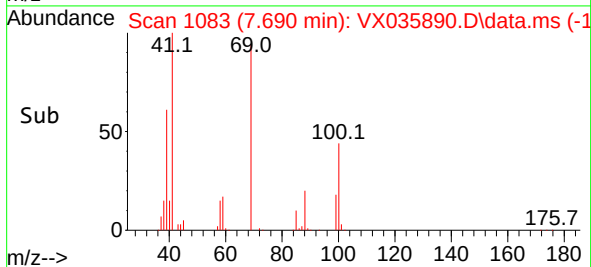
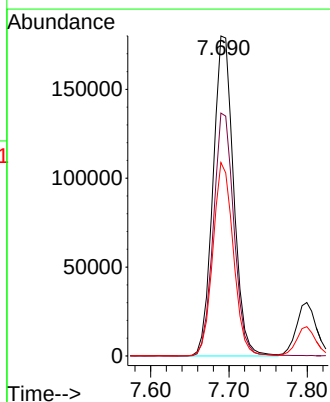
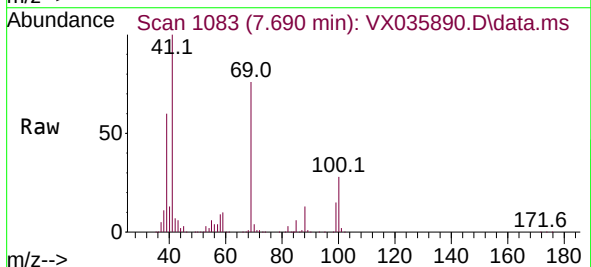
Manual Integrations
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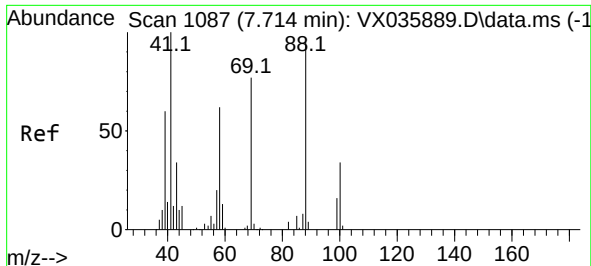
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#48
Methyl methacrylate
Concen: 102.573 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Tgt Ion: 41 Resp: 329227
Ion Ratio Lower Upper
41 100
69 75.7 59.0 88.6
39 60.0 48.4 72.6





#49

1,4-Dioxane

Concen: 1961.105 ug/l

RT: 7.720 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 134328

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0

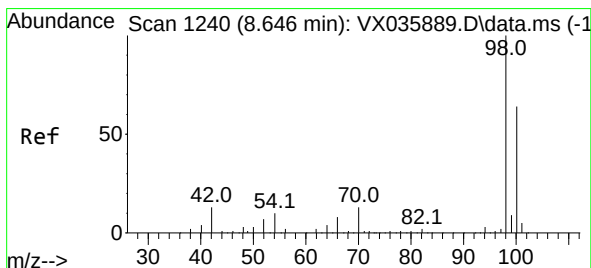
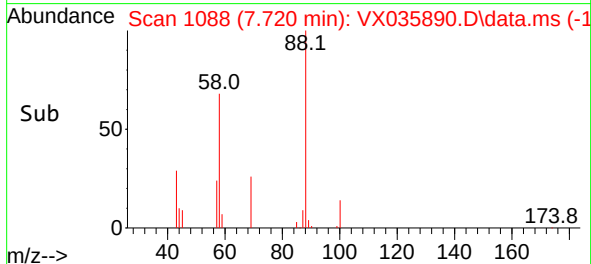
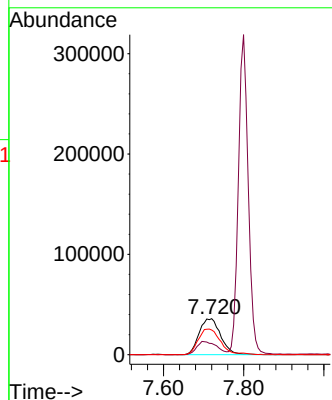
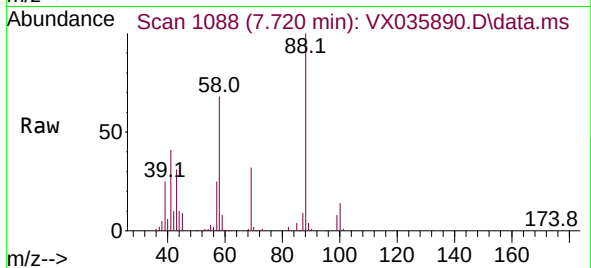
58 71.4 58.9 88.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#50

Toluene-d8

Concen: 91.723 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035890.D

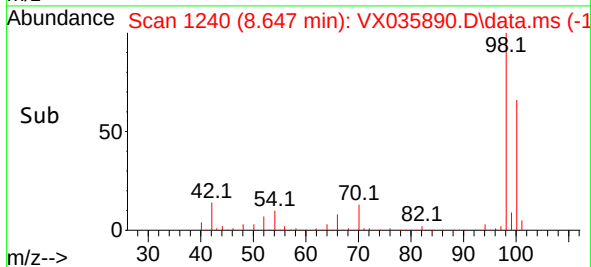
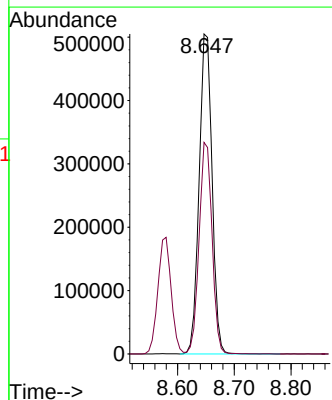
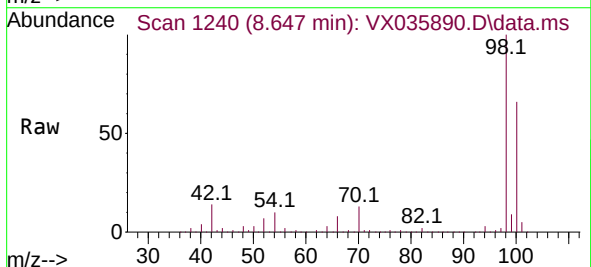
Acq: 26 May 2023 17:50

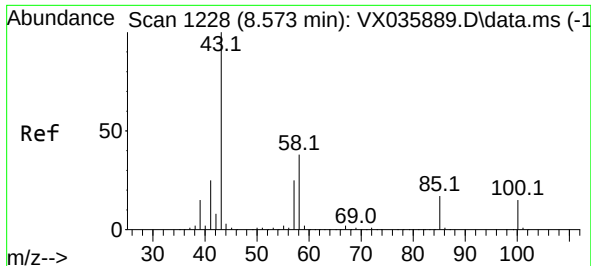
Tgt Ion: 98 Resp: 799083

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 502.633 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 195643

Ion Ratio Lower Upper

43 100

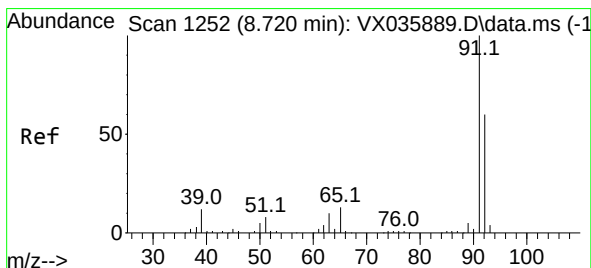
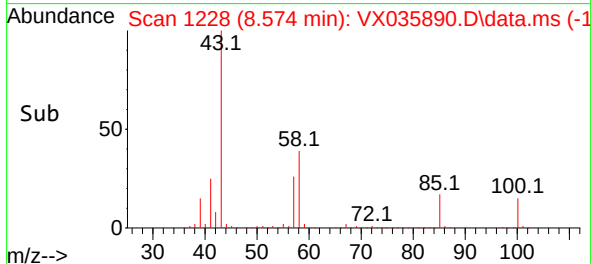
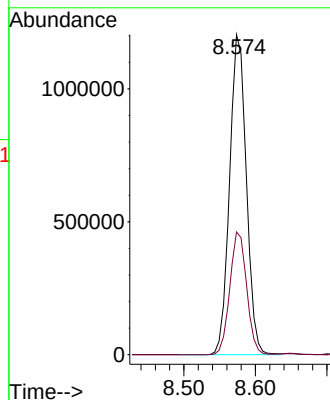
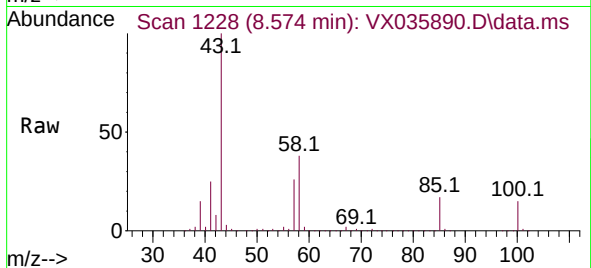
58 38.5 30.1 45.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#52

Toluene

Concen: 100.027 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035890.D

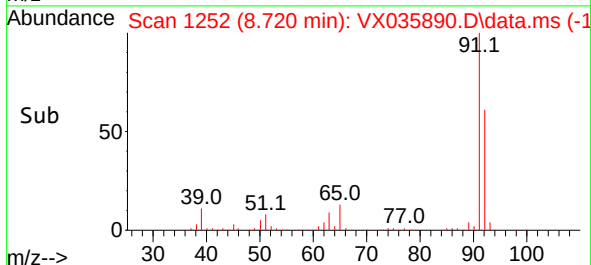
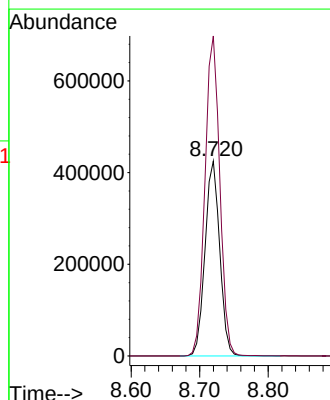
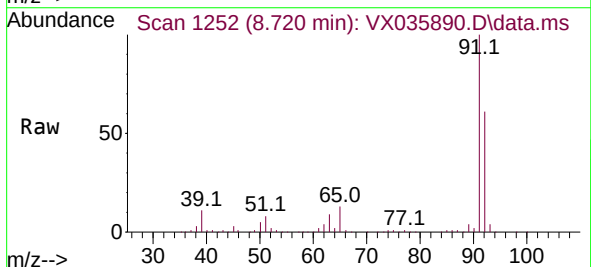
Acq: 26 May 2023 17:50

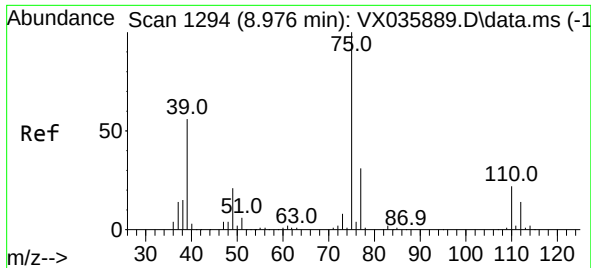
Tgt Ion: 92 Resp: 634245

Ion Ratio Lower Upper

92 100

91 166.0 133.5 200.3





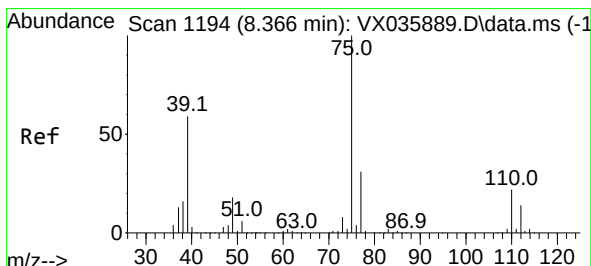
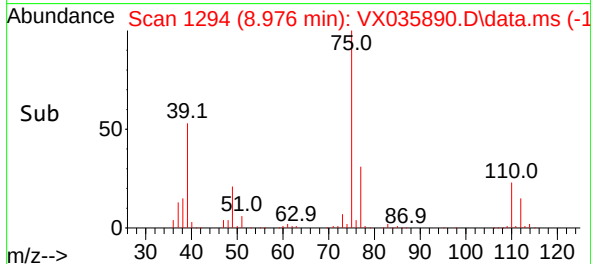
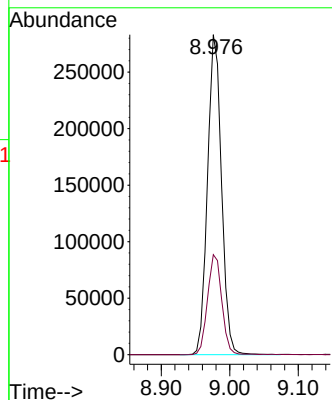
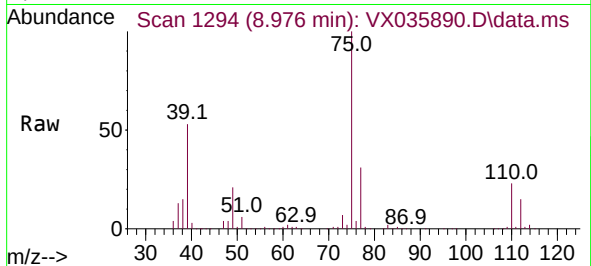
#53
 t-1,3-Dichloropropene
 Concen: 114.221 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX035890.D
 Acq: 26 May 2023 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 75 Resp: 401919
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6

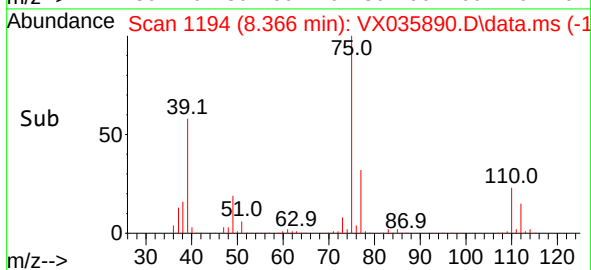
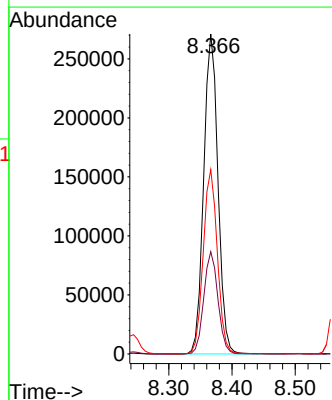
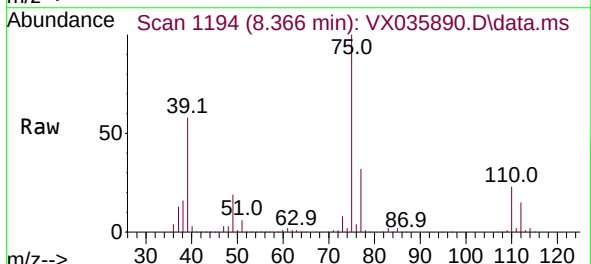
Manual Integrations
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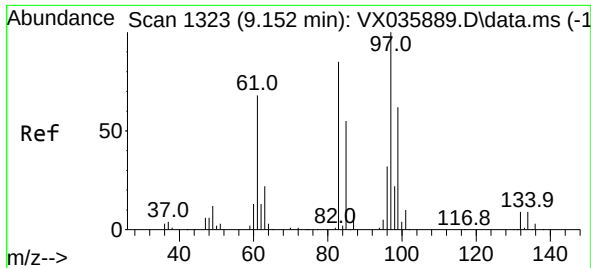
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#54
 cis-1,3-Dichloropropene
 Concen: 110.787 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035890.D
 Acq: 26 May 2023 17:50

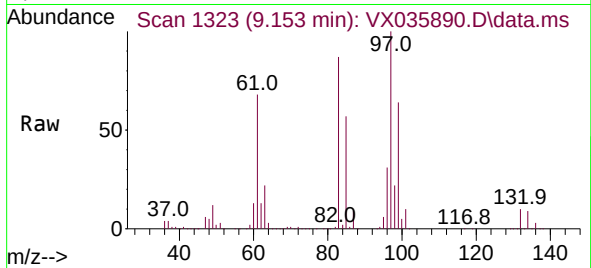
Tgt Ion: 75 Resp: 425508
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.7 37.1
 39 57.5 47.0 70.6





#55
1,1,2-Trichloroethane
Concen: 100.114 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

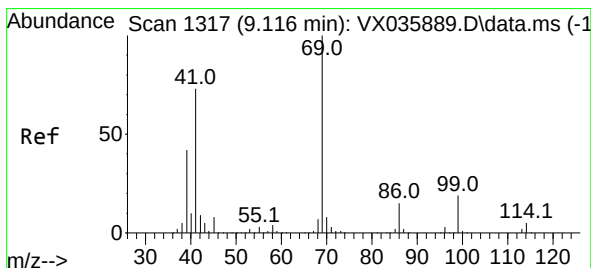
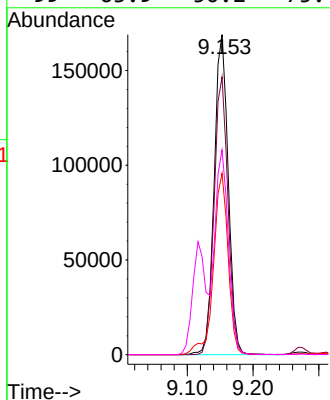
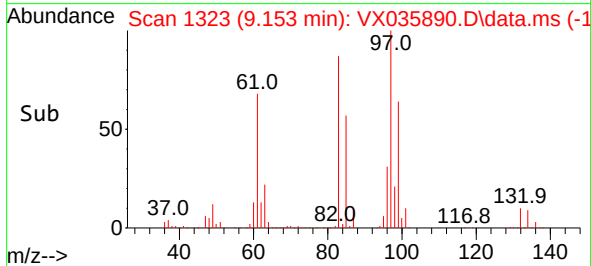


Tgt Ion: 97 Resp: 25166

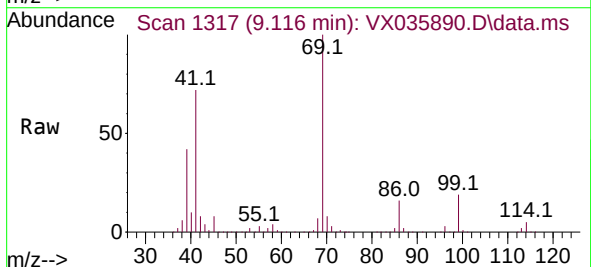
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.3	102.5
85	56.7	44.2	66.2
99	63.9	50.2	75.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

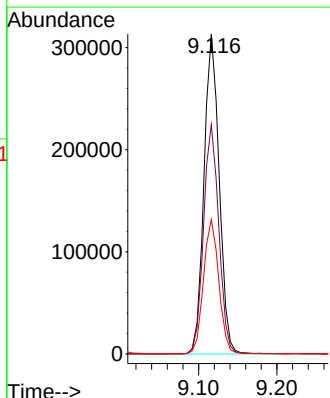
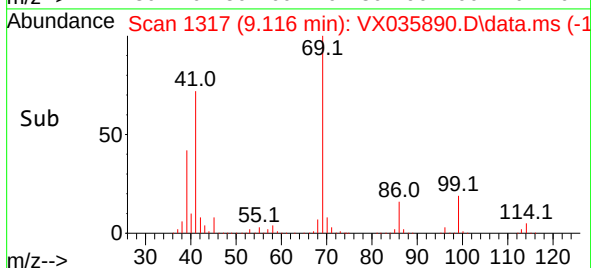


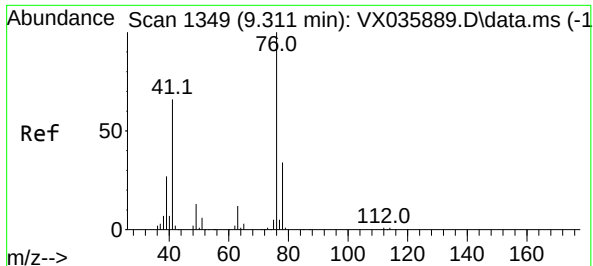
#56
Ethyl methacrylate
Concen: 106.423 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50



Tgt Ion: 69 Resp: 421212

Ion	Ratio	Lower	Upper
69	100		
41	72.1	58.9	88.3
39	42.3	33.4	50.0





#57

1,3-Dichloropropane

Concen: 97.612 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 445084

Ion Ratio Lower Upper

76 100

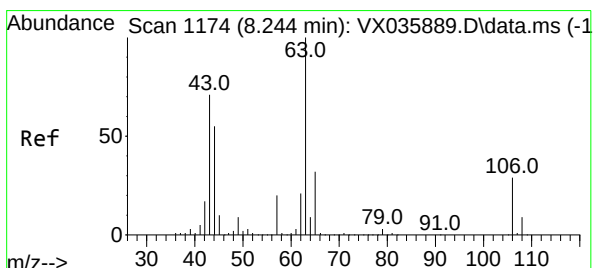
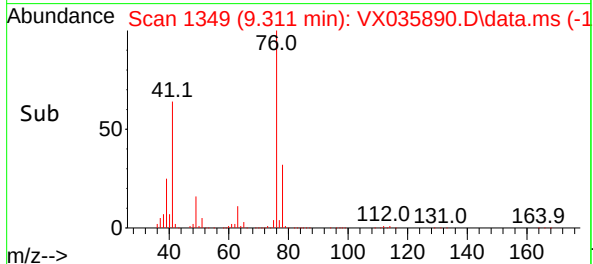
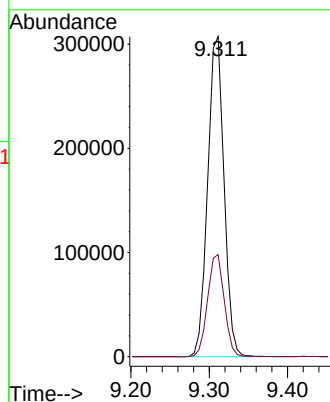
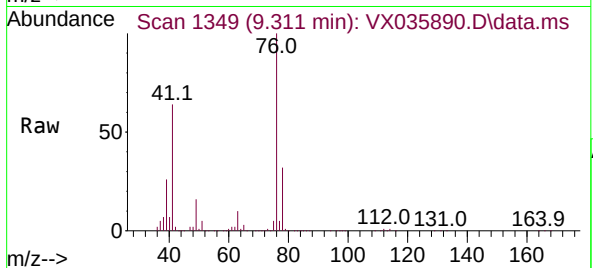
78 32.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 501.600 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX035890.D

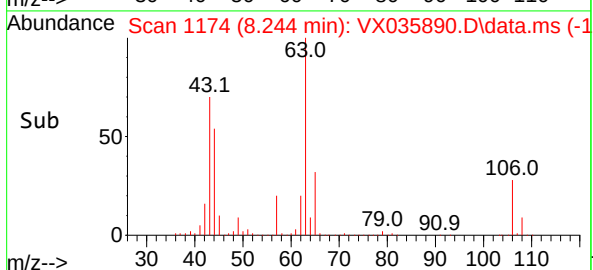
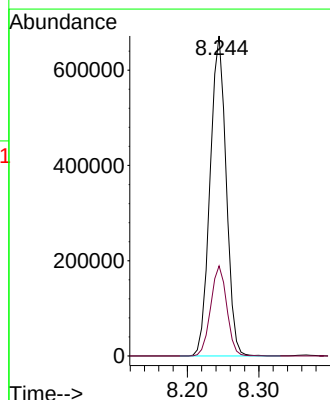
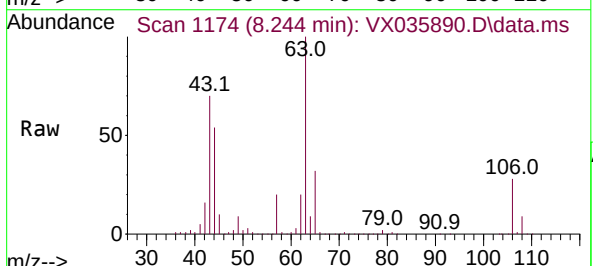
Acq: 26 May 2023 17:50

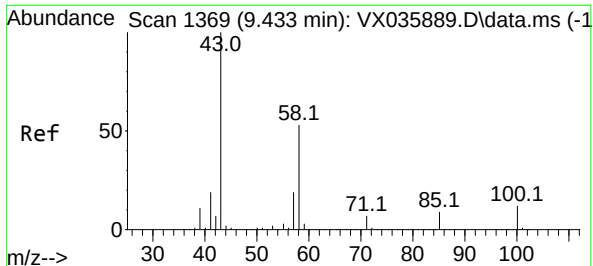
Tgt Ion: 63 Resp: 1050399

Ion Ratio Lower Upper

63 100

106 28.1 22.3 33.5





#59

2-Hexanone

Concen: 505.171 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 148621

Ion Ratio Lower Upper

43 100

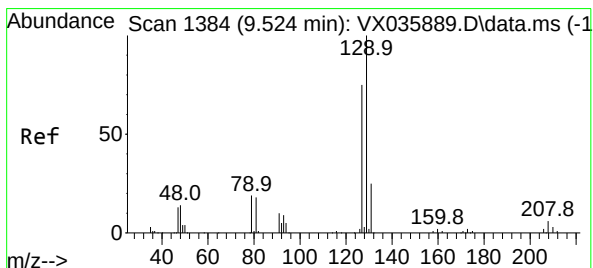
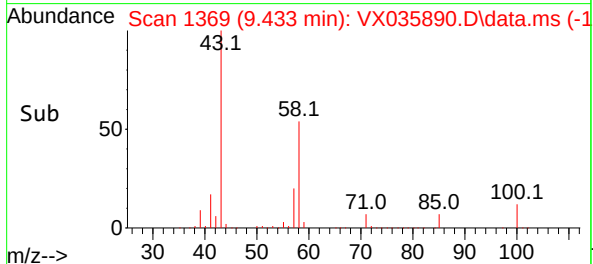
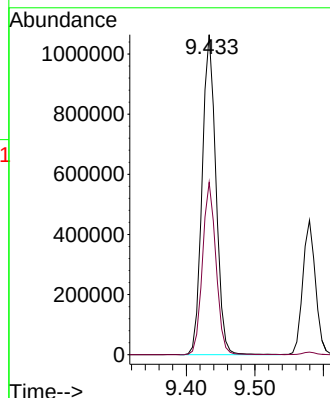
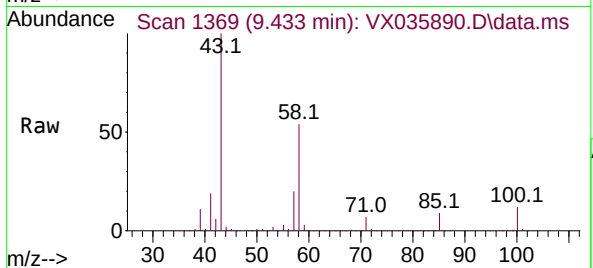
58 52.9 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#60

Dibromochloromethane

Concen: 114.128 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.005 min

Lab File: VX035890.D

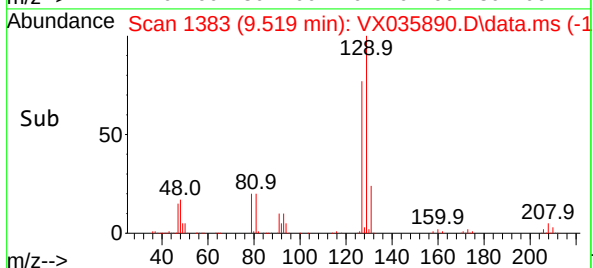
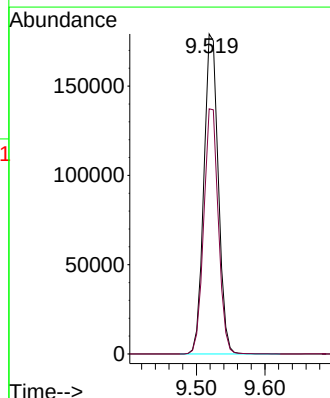
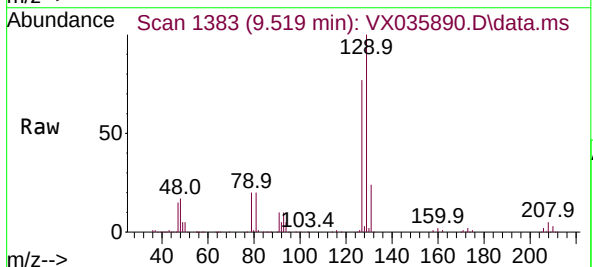
Acq: 26 May 2023 17:50

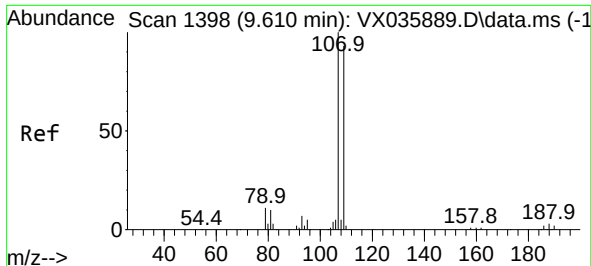
Tgt Ion:129 Resp: 262498

Ion Ratio Lower Upper

129 100

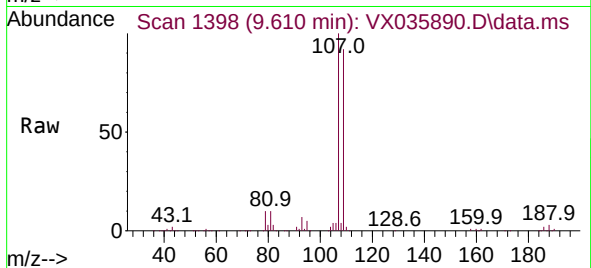
127 77.5 38.4 115.1





#61
1,2-Dibromoethane
Concen: 102.724 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

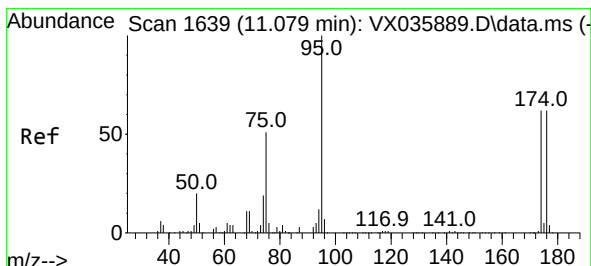
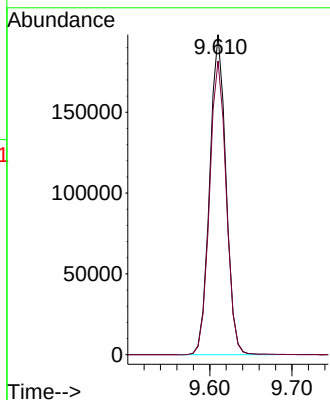
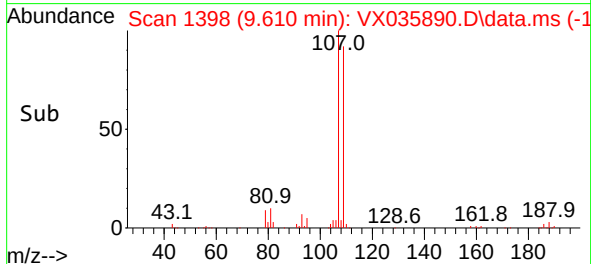
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:107 Resp: 271919
Ion Ratio Lower Upper
107 100
109 93.9 74.8 112.2

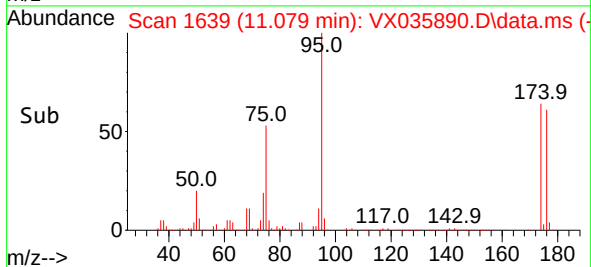
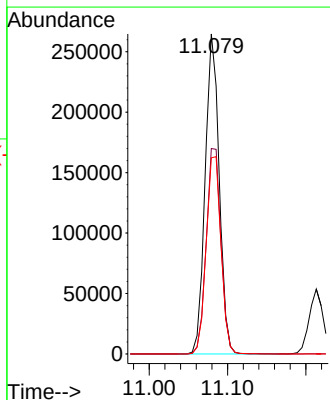
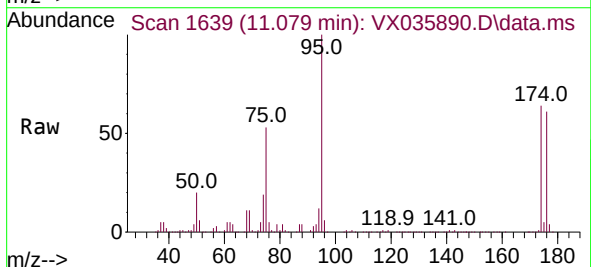
Manual Integrations
APPROVED

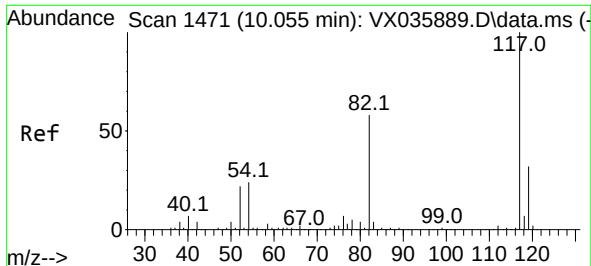
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#62
4-Bromofluorobenzene
Concen: 95.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

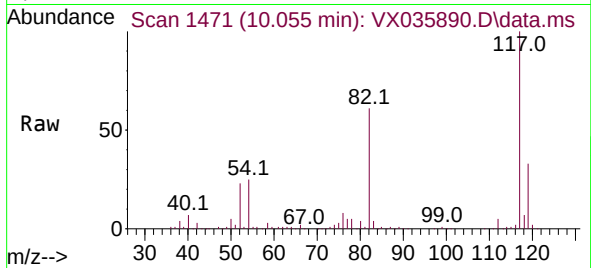
Tgt Ion: 95 Resp: 328619
Ion Ratio Lower Upper
95 100
174 67.4 0.0 132.6
176 65.2 0.0 128.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

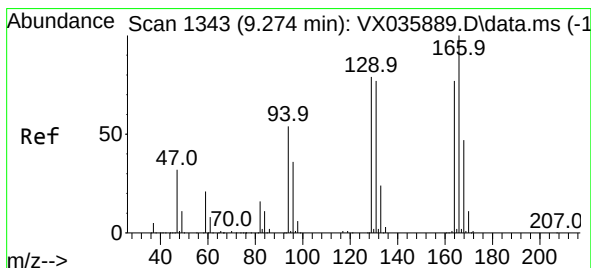
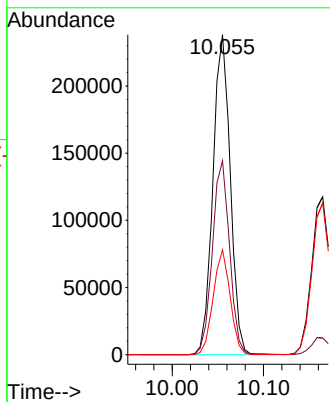
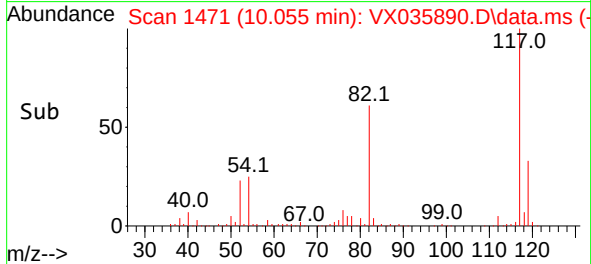
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 313928
Ion Ratio Lower Upper
117 100
82 60.6 46.6 69.8
119 32.8 25.4 38.2

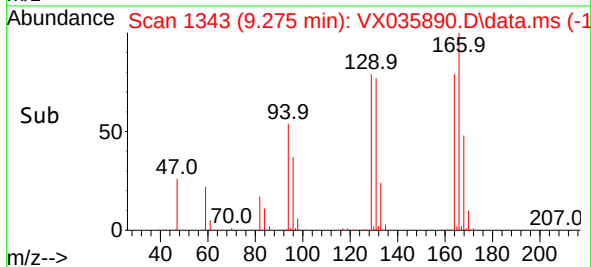
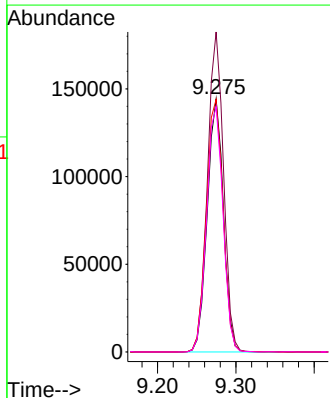
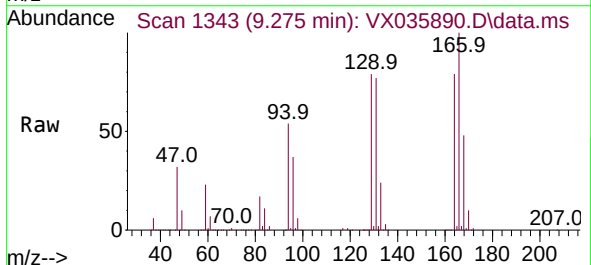
Manual Integrations
APPROVED

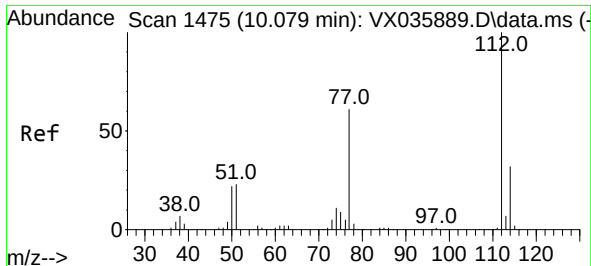
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#64
Tetrachloroethene
Concen: 96.903 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Tgt Ion:164 Resp: 205916
Ion Ratio Lower Upper
164 100
166 126.6 104.4 156.6
129 99.9 82.0 123.0
131 97.0 80.3 120.5





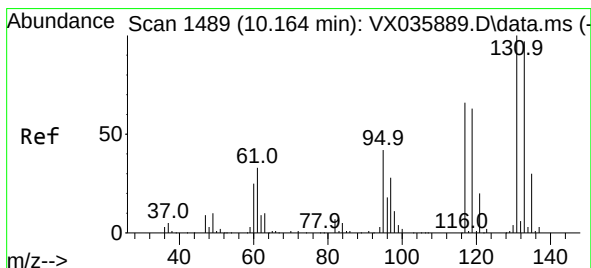
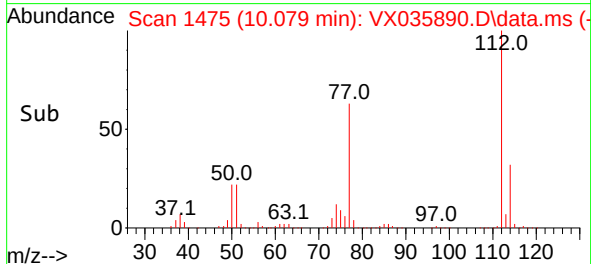
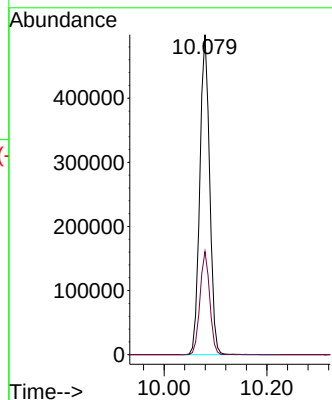
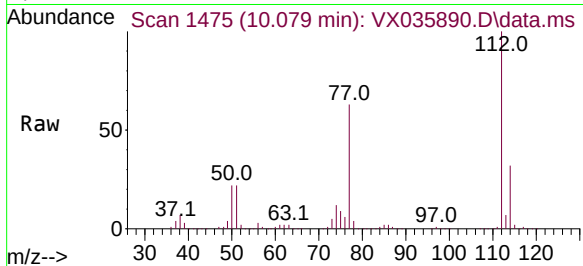
#65
Chlorobenzene
Concen: 99.010 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 661672
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

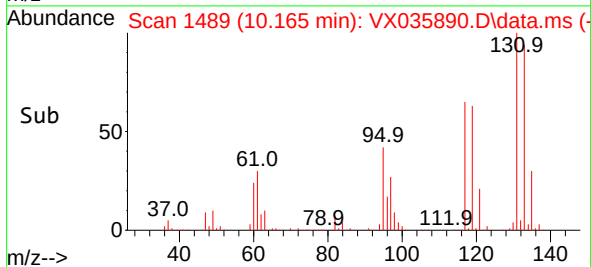
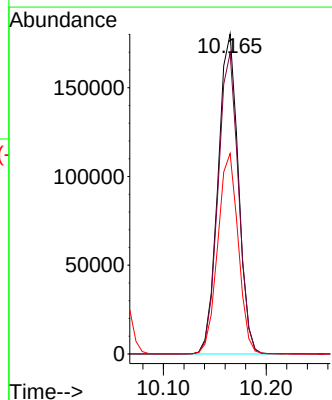
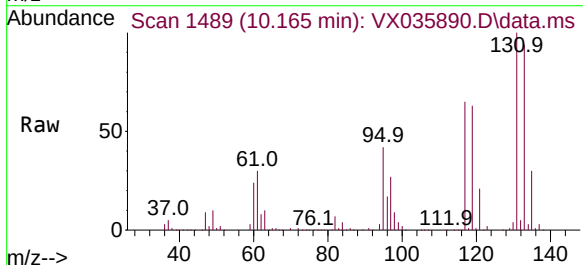
Manual Integrations
APPROVED

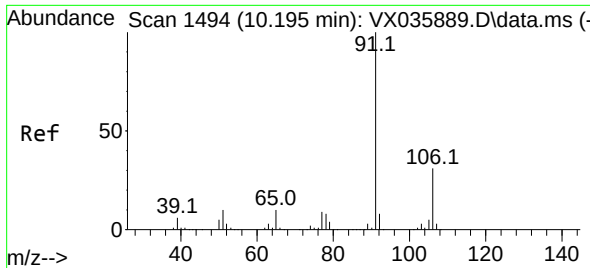
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 107.509 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

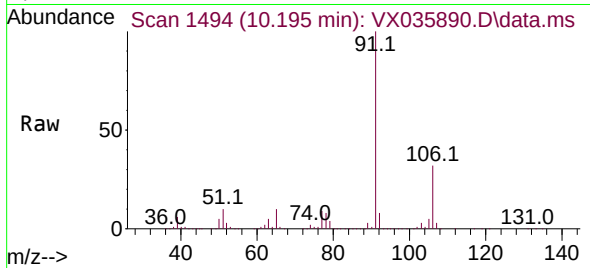
Tgt Ion:131 Resp: 246511
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 63.1 32.1 96.5





#67
Ethyl Benzene
Concen: 98.978 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

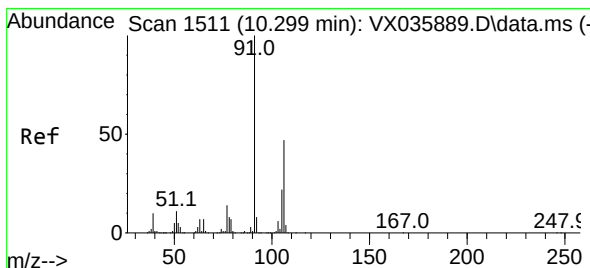
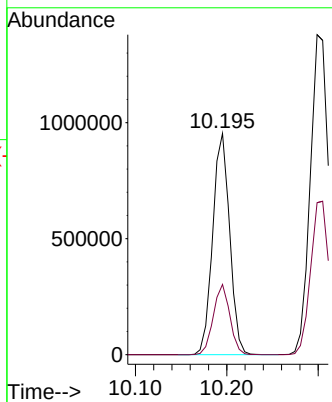
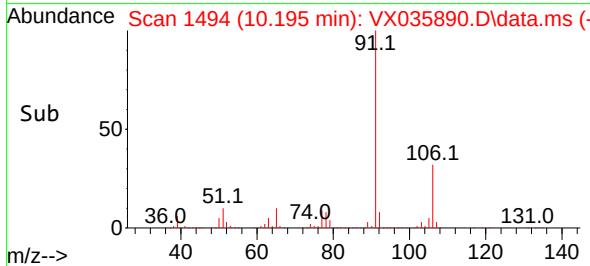
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



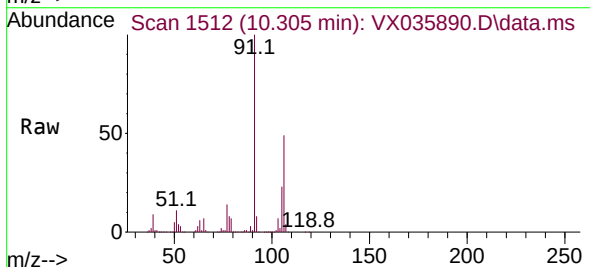
Tgt Ion: 91 Resp: 1227307
Ion Ratio Lower Upper
91 100
106 31.7 24.6 37.0

Manual Integrations
APPROVED

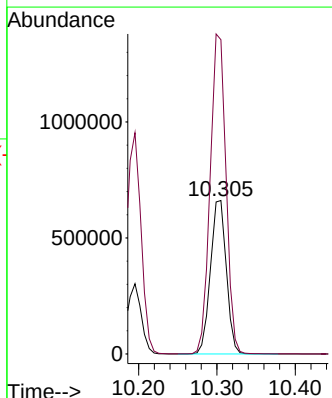
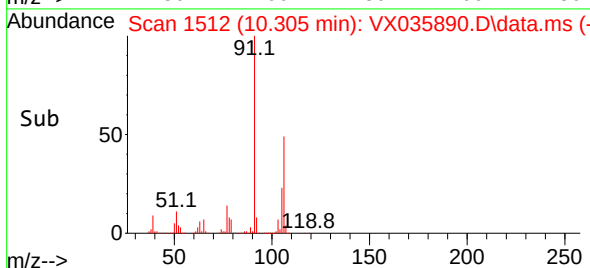
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

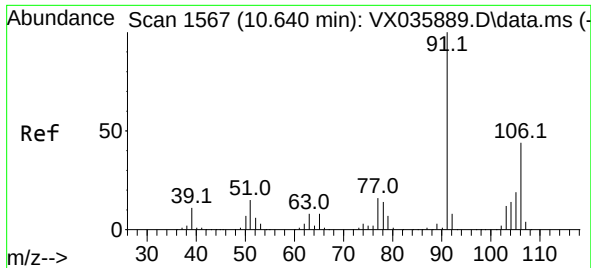


#68
m/p-Xylenes
Concen: 202.353 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50



Tgt Ion:106 Resp: 928331
Ion Ratio Lower Upper
106 100
91 208.6 169.8 254.8





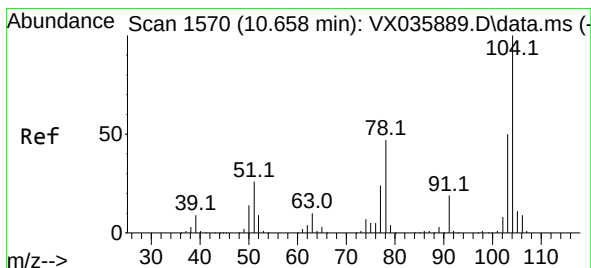
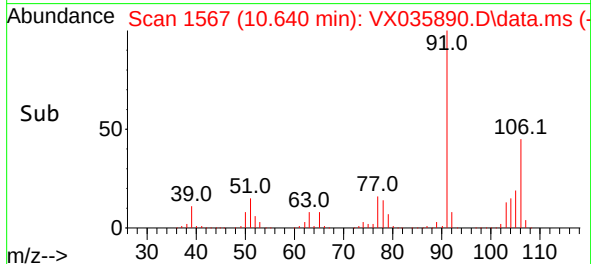
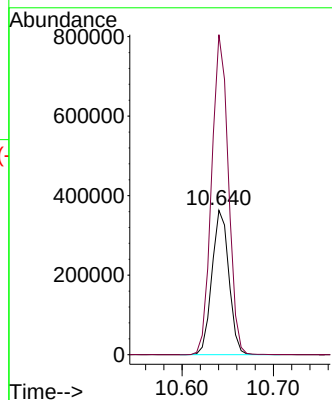
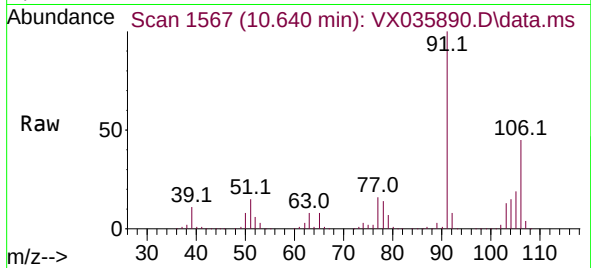
#69
o-Xylene
Concen: 102.410 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 466744
Ion Ratio Lower Upper
106 100
91 219.1 112.5 337.4

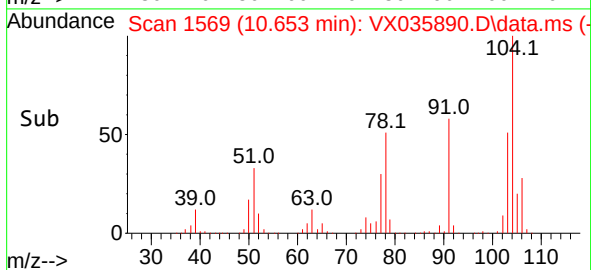
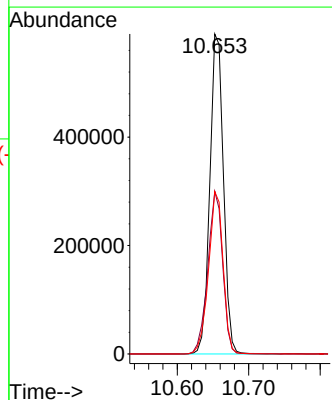
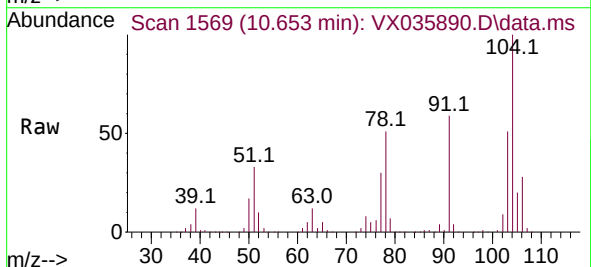
Manual Integrations
APPROVED

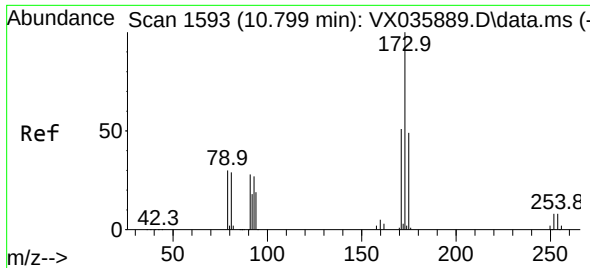
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#70
Styrene
Concen: 104.299 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

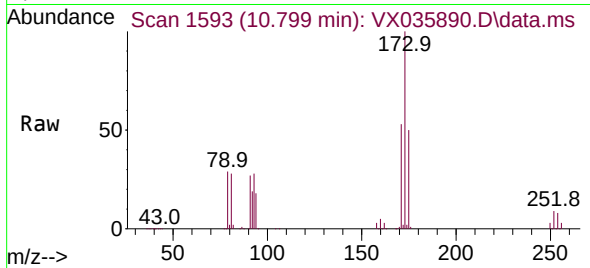
Tgt Ion:104 Resp: 780889
Ion Ratio Lower Upper
104 100
78 55.4 44.7 67.1
103 54.3 44.0 66.0





#71
Bromoform
Concen: 119.112 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

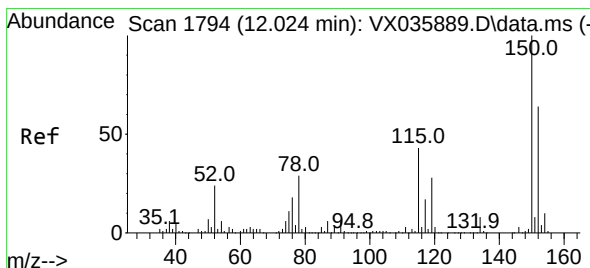
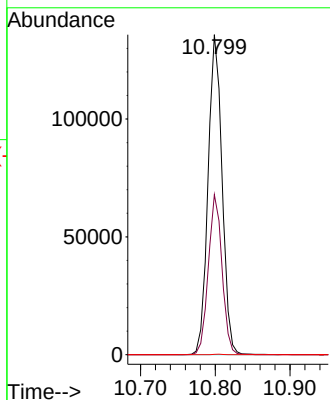
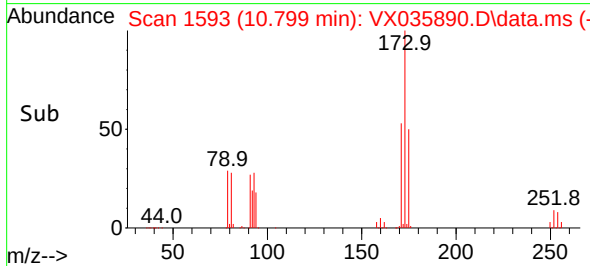
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:173 Resp: 176582
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.1 0.1 0.1

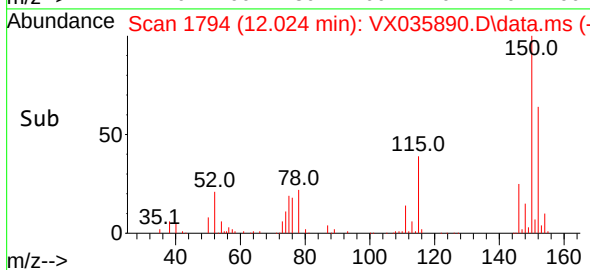
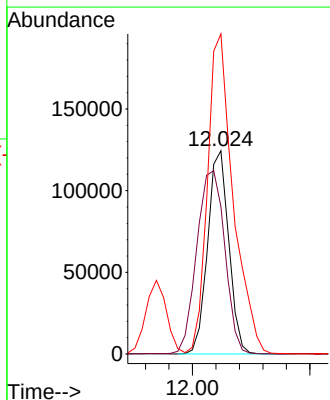
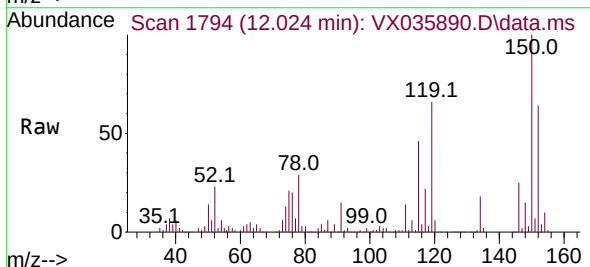
Manual Integrations
APPROVED

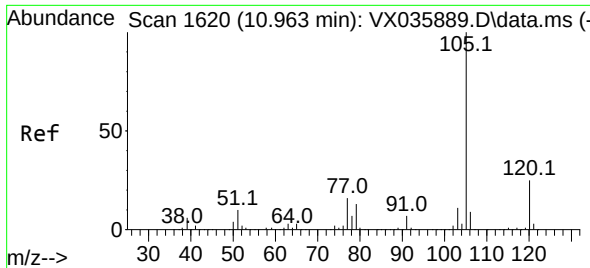
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

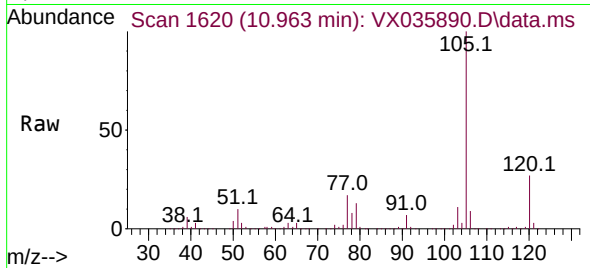
Tgt Ion:152 Resp: 154703
Ion Ratio Lower Upper
152 100
115 119.8 45.5 136.5
150 191.8 0.0 345.2





#73
Isopropylbenzene
Concen: 96.014 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

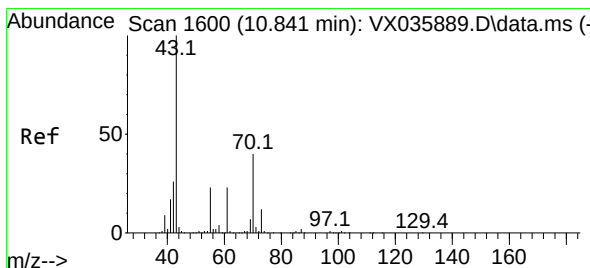
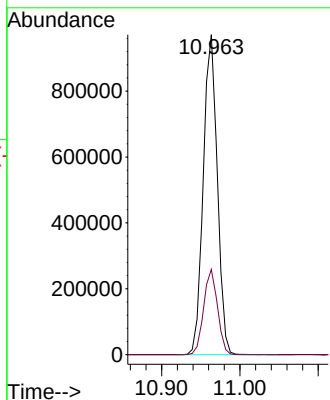
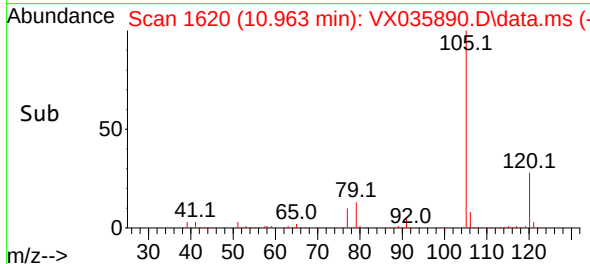
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



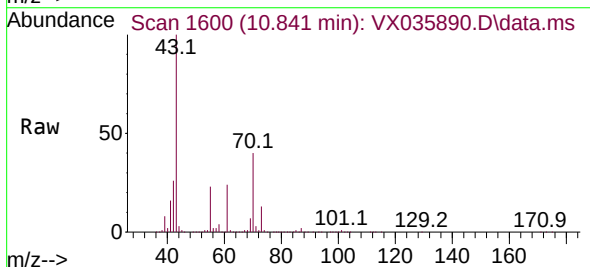
Tgt Ion:105 Resp: 120471
Ion Ratio Lower Upper
105 100
120 26.3 12.7 38.0

Manual Integrations
APPROVED

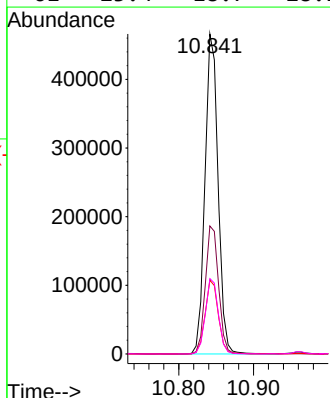
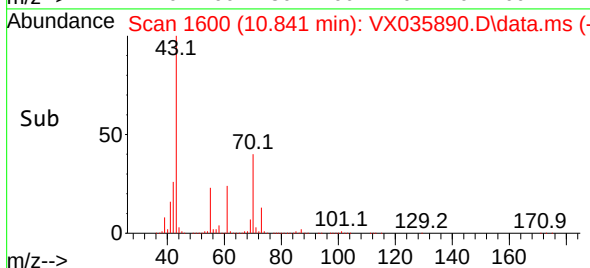
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

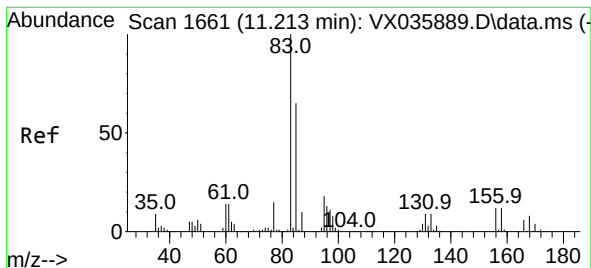


#74
N-ethyl acetate
Concen: 103.639 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50



Tgt Ion: 43 Resp: 565571
Ion Ratio Lower Upper
43 100
70 40.5 32.6 48.8
55 23.4 19.0 28.4
61 23.4 18.7 28.1





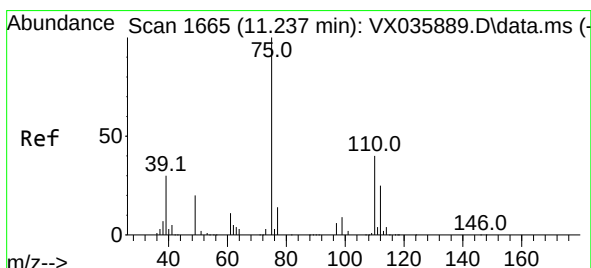
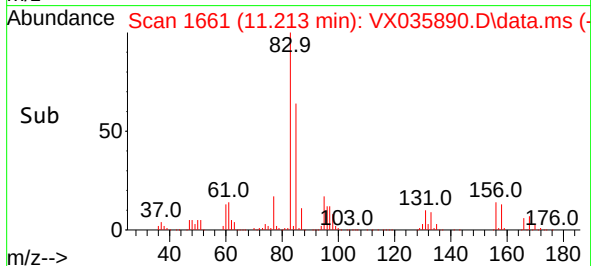
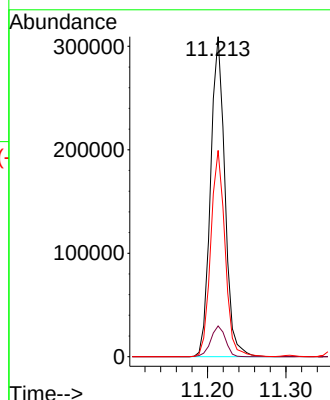
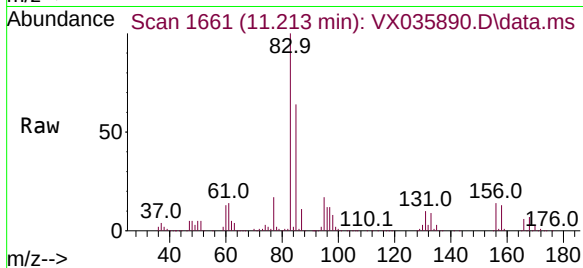
#75
1,1,2,2-Tetrachloroethane
Concen: 95.777 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 392794
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 64.3 32.4 97.0

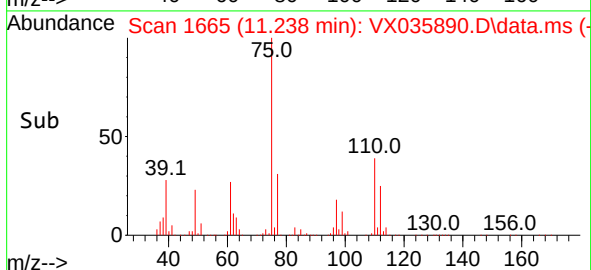
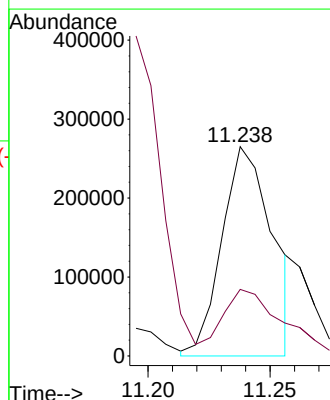
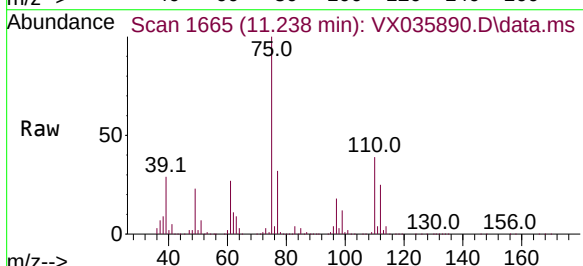
Manual Integrations
APPROVED

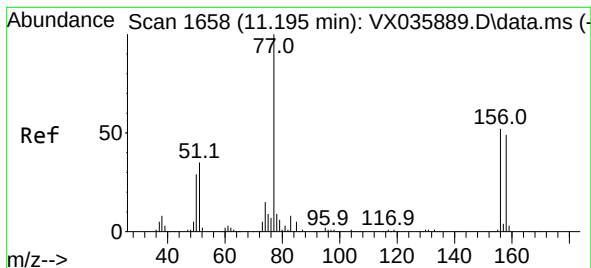
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#76
1,2,3-Trichloropropane
Concen: 98.922 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Tgt Ion: 75 Resp: 381910
Ion Ratio Lower Upper
75 100
77 38.4 21.4 64.2





#77

Bromobenzene

Concen: 98.778 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:156 Resp: 279558

Ion Ratio Lower Upper

156 100

77 182.4 90.8 272.3

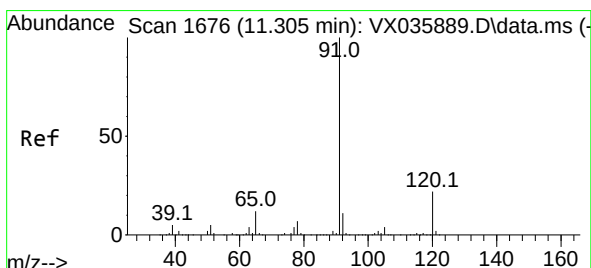
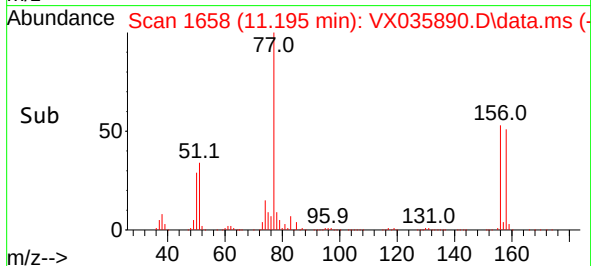
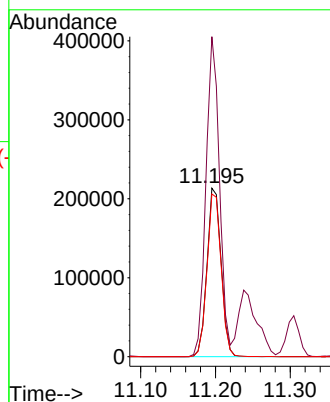
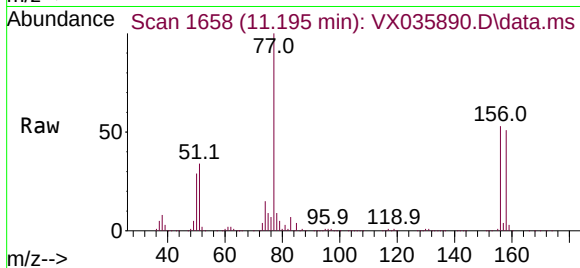
158 96.9 47.4 142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#78

n-propylbenzene

Concen: 98.090 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX035890.D

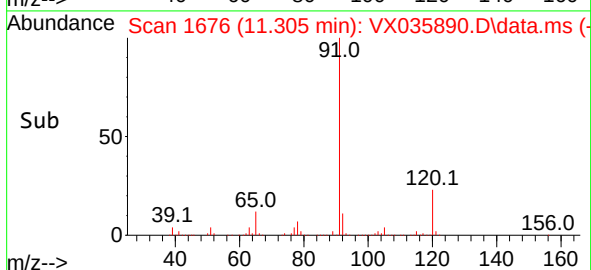
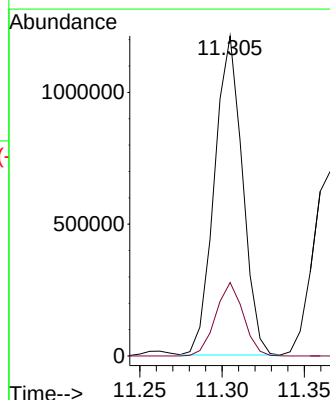
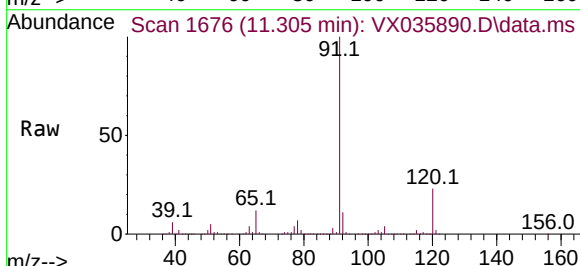
Acq: 26 May 2023 17:50

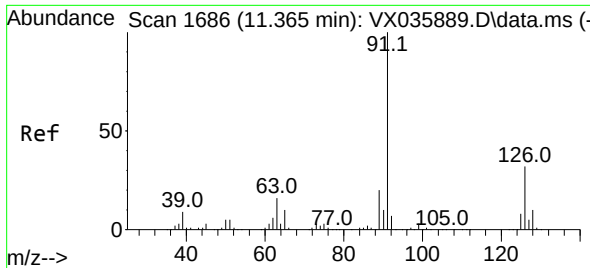
Tgt Ion: 91 Resp: 1434460

Ion Ratio Lower Upper

91 100

120 22.7 10.9 32.9





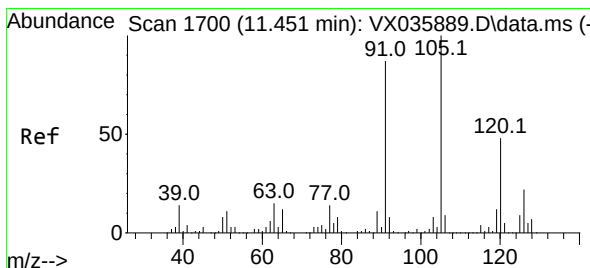
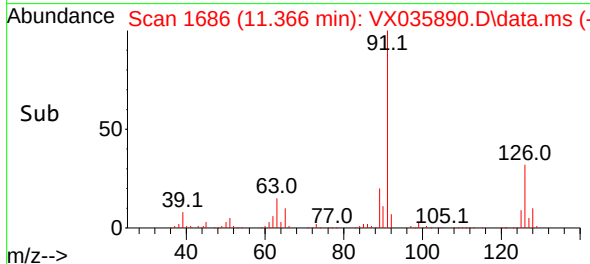
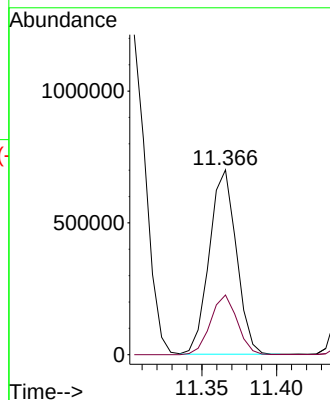
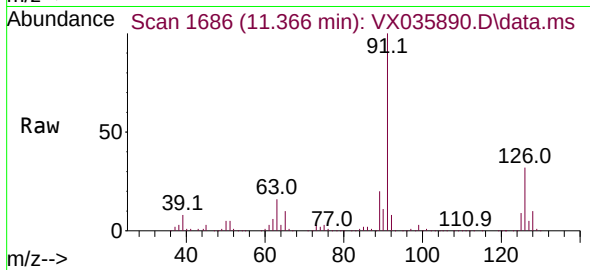
#79
2-Chlorotoluene
Concen: 94.999 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 88071
Ion Ratio Lower Upper
91 100
126 31.9 15.8 47.4

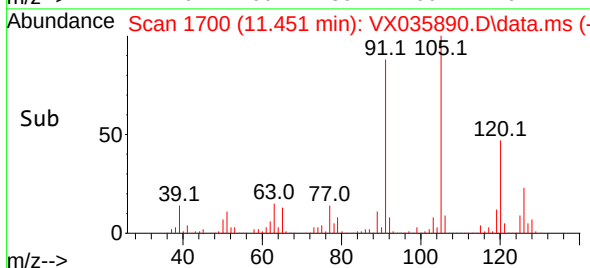
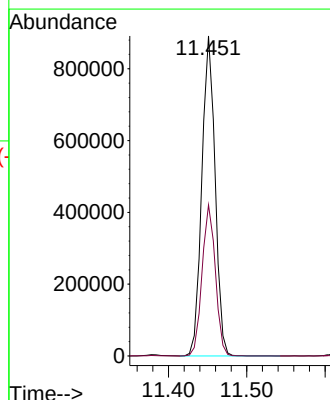
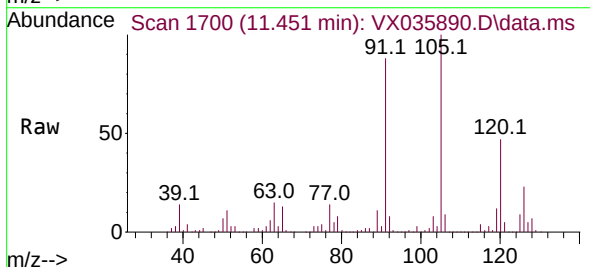
Manual Integrations
APPROVED

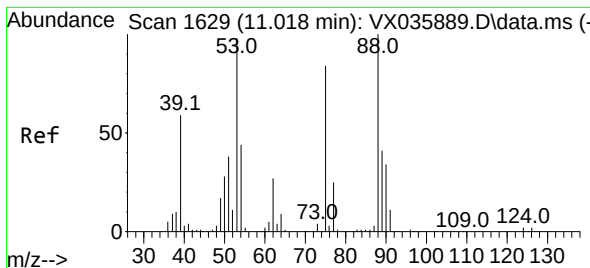
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 98.045 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Tgt Ion:105 Resp: 1048118
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.4





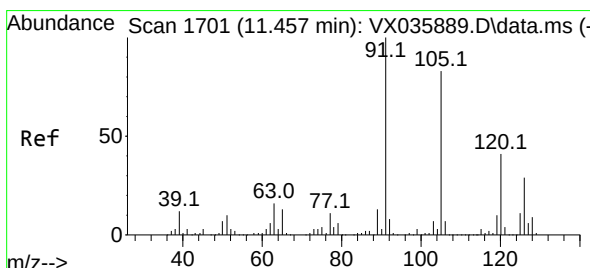
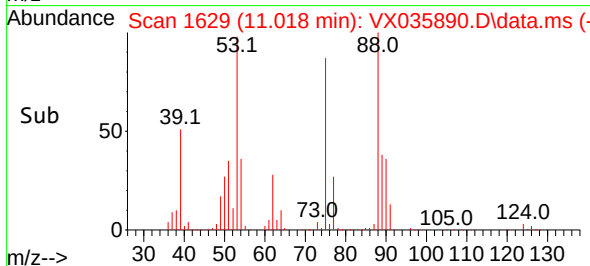
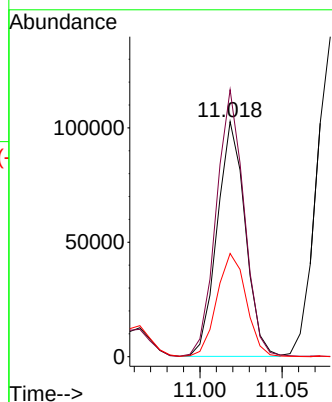
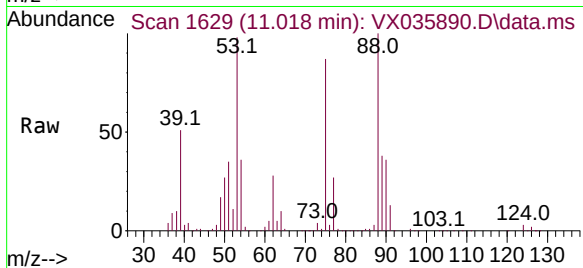
#81
trans-1,4-Dichloro-2-butene
Concen: 97.452 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 121900
Ion Ratio Lower Upper
75 100
53 112.7 95.2 142.8
89 46.0 38.0 57.0

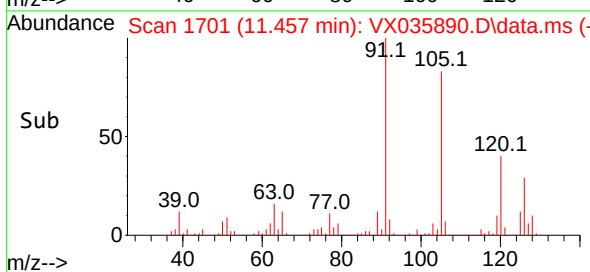
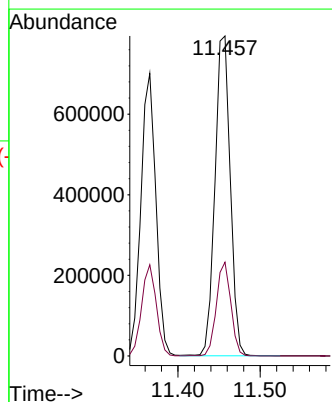
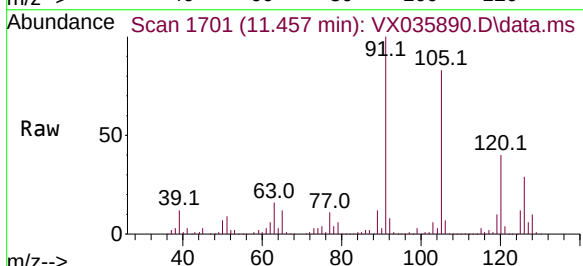
Manual Integrations
APPROVED

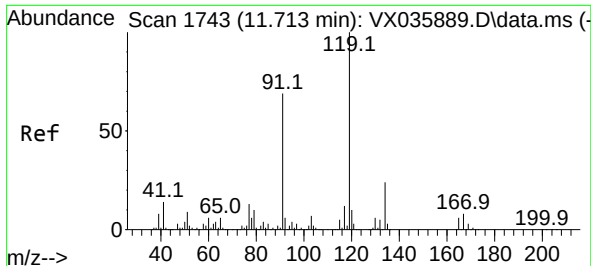
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#82
4-Chlorotoluene
Concen: 97.406 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

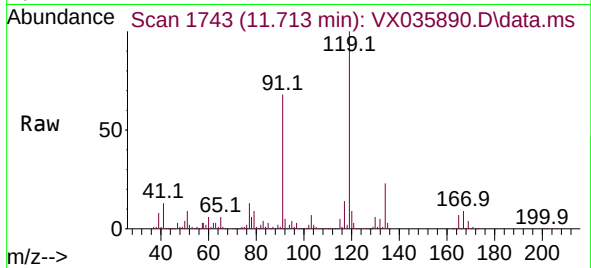
Tgt Ion: 91 Resp: 1027613
Ion Ratio Lower Upper
91 100
126 27.8 13.7 41.0





#83
tert-Butylbenzene
Concen: 98.945 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

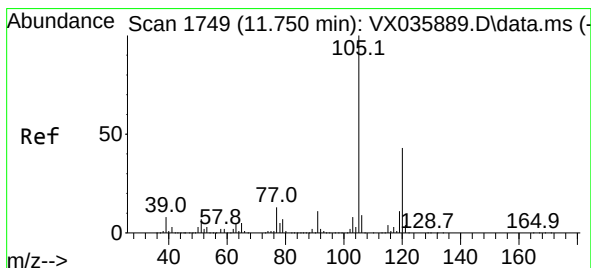
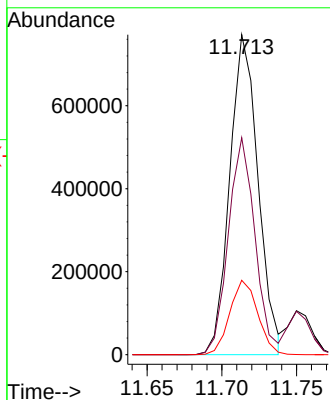
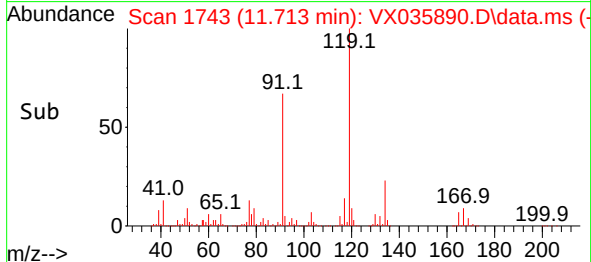
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



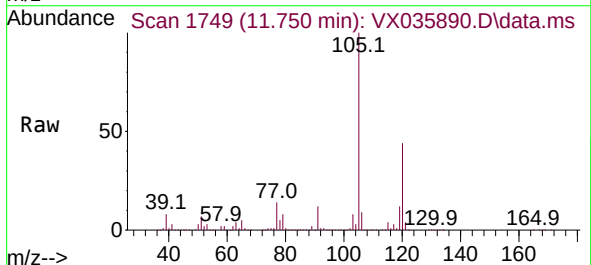
Tgt Ion:119 Resp: 1015384
Ion Ratio Lower Upper
119 100
91 63.9 32.4 97.0
134 23.0 11.6 34.8

Manual Integrations
APPROVED

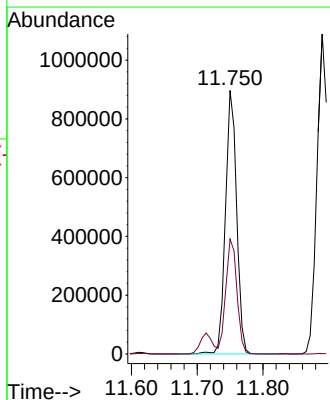
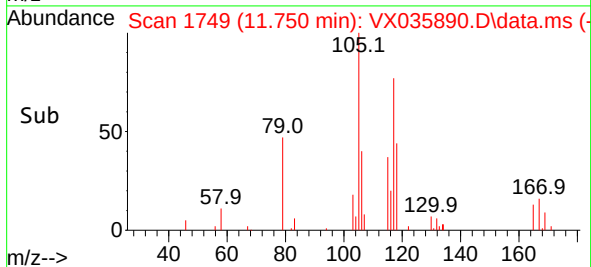
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

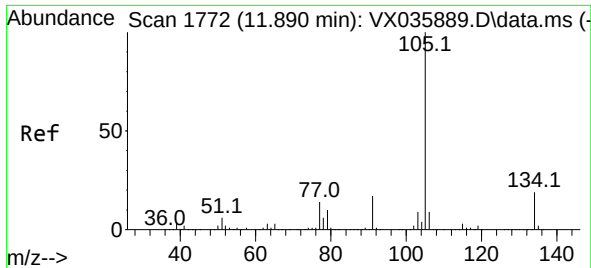


#84
1,2,4-Trimethylbenzene
Concen: 99.079 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50



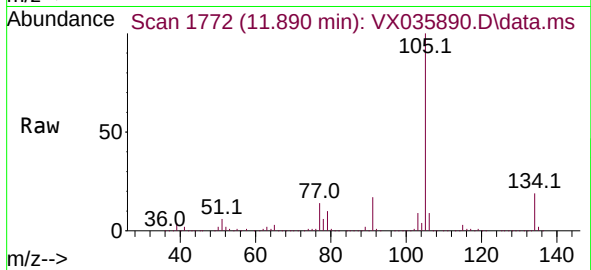
Tgt Ion:105 Resp: 1060694
Ion Ratio Lower Upper
105 100
120 43.5 21.6 64.8





#85
 sec-Butylbenzene
 Concen: 100.652 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035890.D
 Acq: 26 May 2023 17:50

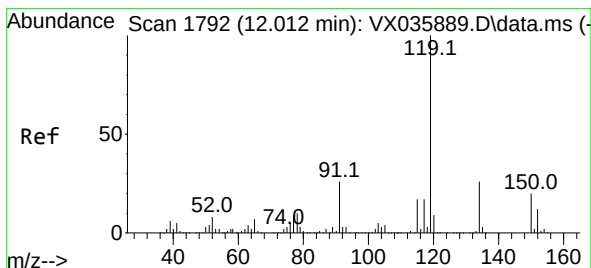
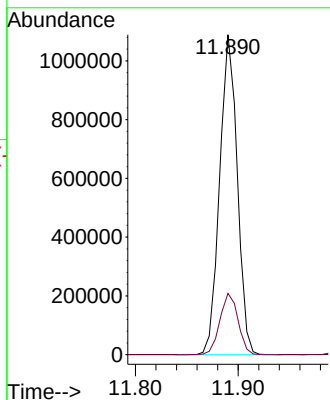
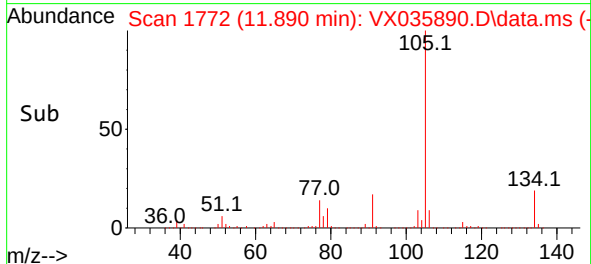
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



Tgt Ion:105 Resp: 129082
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9

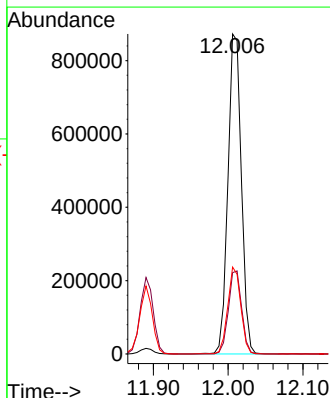
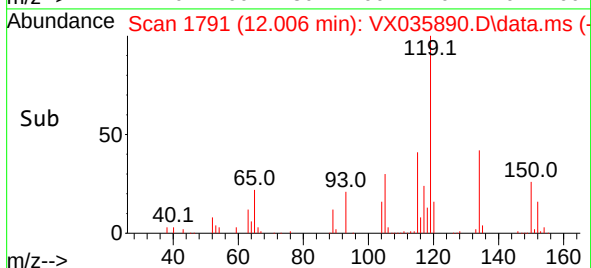
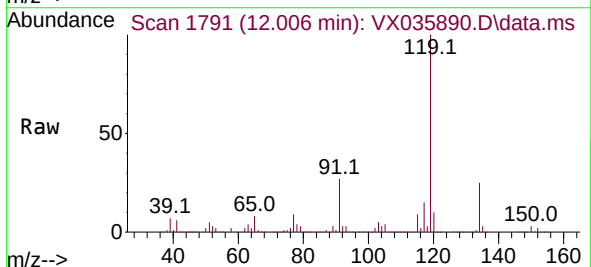
Manual Integrations
 APPROVED

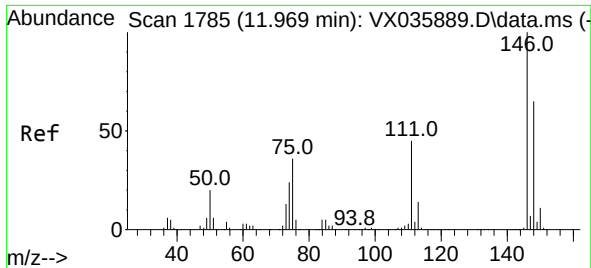
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#86
 p-Isopropyltoluene
 Concen: 101.891 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX035890.D
 Acq: 26 May 2023 17:50

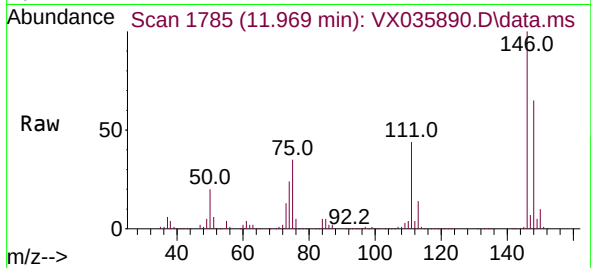
Tgt Ion:119 Resp: 1092635
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 26.4 13.5 40.5





#87
1,3-Dichlorobenzene
Concen: 99.402 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

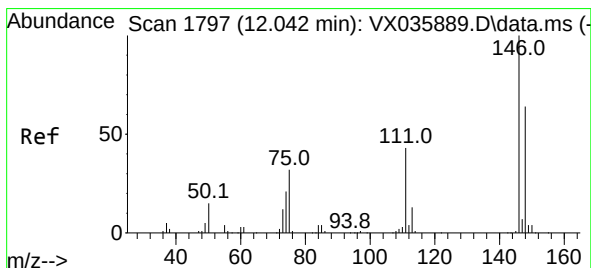
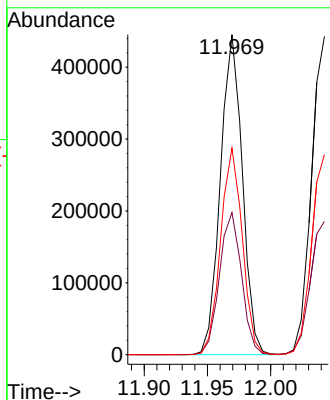
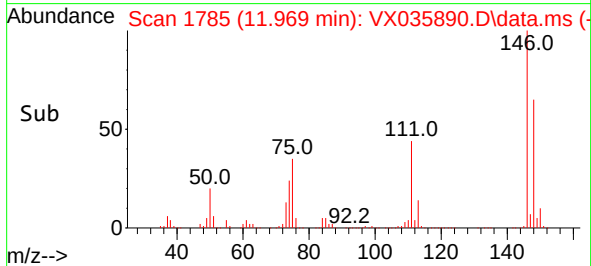
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



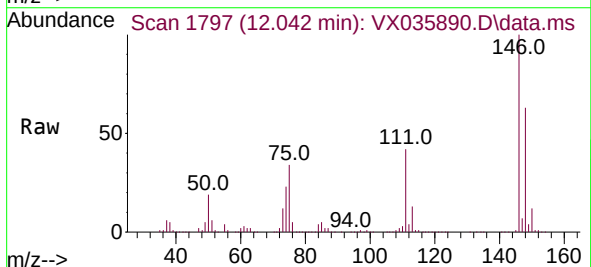
Tgt Ion:146 Resp: 536950
Ion Ratio Lower Upper
146 100
111 44.8 22.6 67.7
148 63.9 31.9 95.7

Manual Integrations
APPROVED

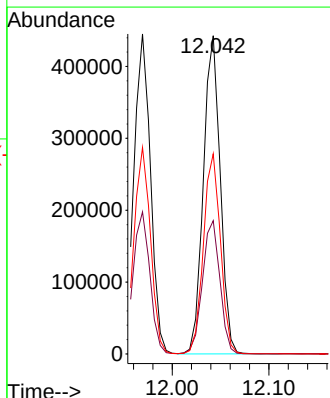
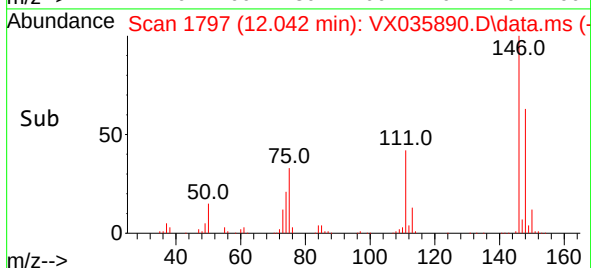
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

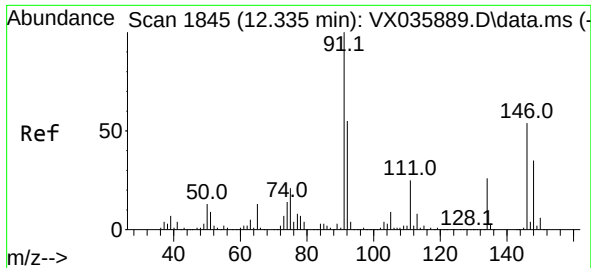


#88
1,4-Dichlorobenzene
Concen: 96.695 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50



Tgt Ion:146 Resp: 538446
Ion Ratio Lower Upper
146 100
111 43.3 21.8 65.3
148 63.3 31.9 95.7





#89

n-Butylbenzene

Concen: 105.012 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035890.D

Acq: 26 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 98981

Ion Ratio Lower Upper

91 100

92 54.6 27.3 81.8

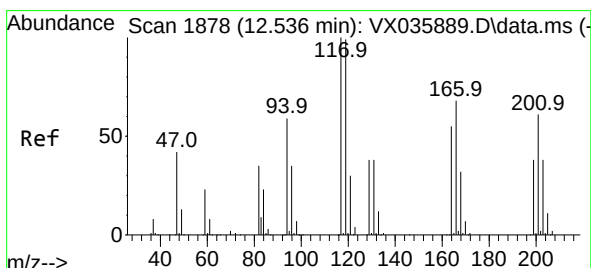
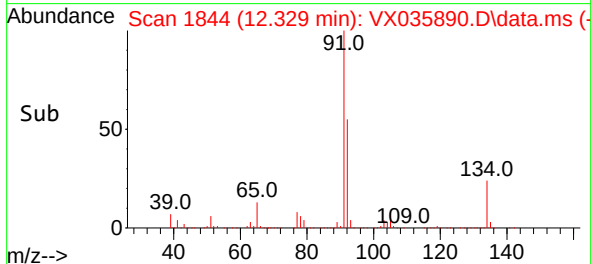
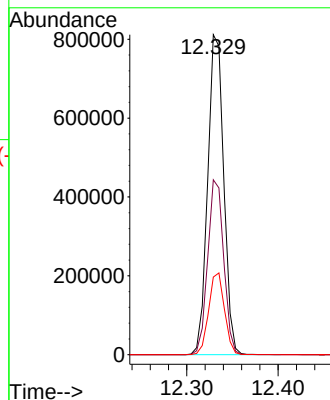
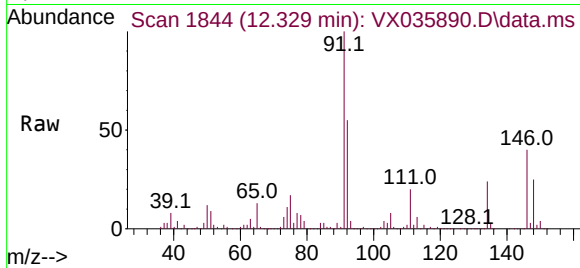
134 25.2 12.4 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#90

Hexachloroethane

Concen: 115.188 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035890.D

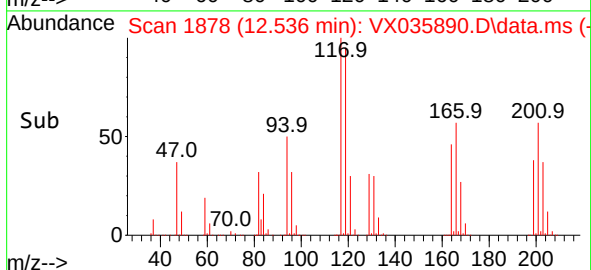
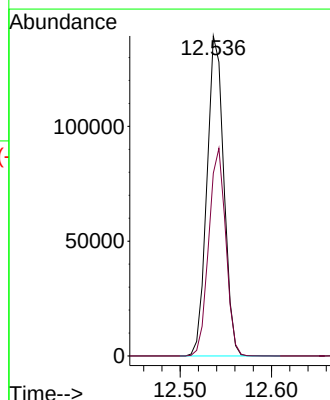
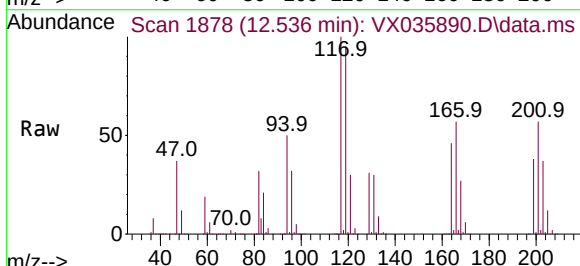
Acq: 26 May 2023 17:50

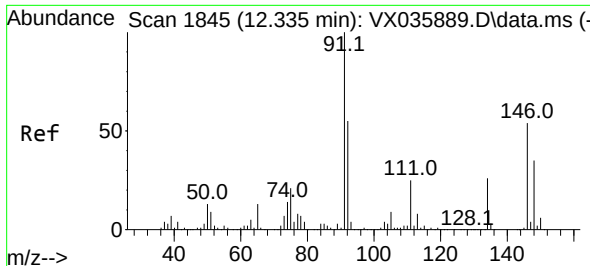
Tgt Ion:117 Resp: 178698

Ion Ratio Lower Upper

117 100

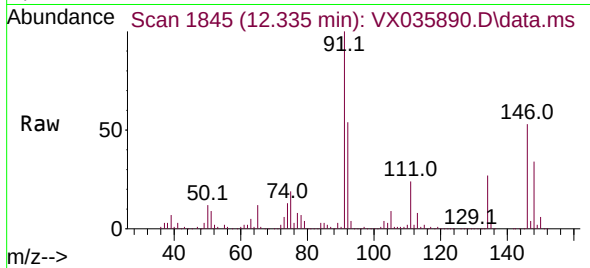
201 65.2 32.7 98.1





#91
1,2-Dichlorobenzene
Concen: 95.816 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

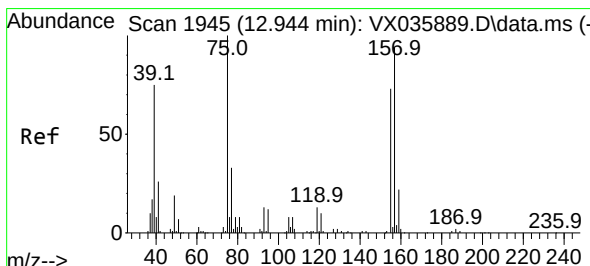
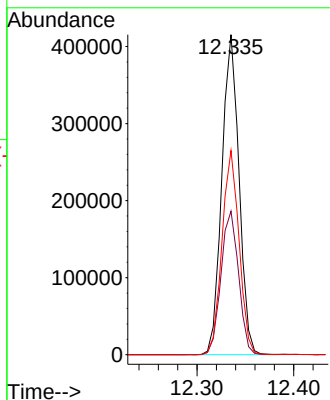
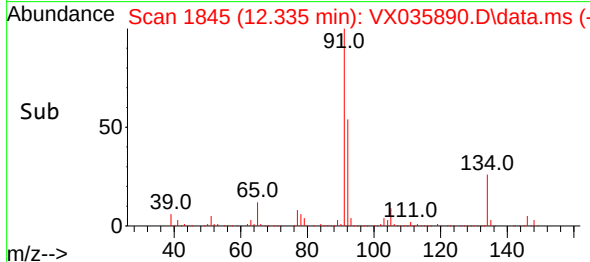
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



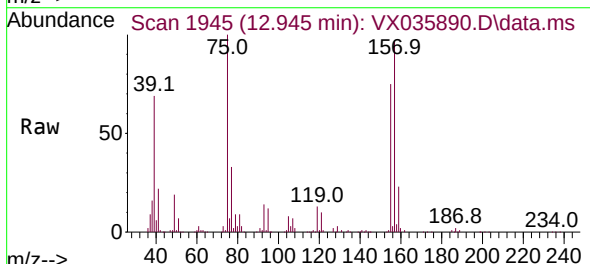
Tgt Ion:146 Resp: 51122
Ion Ratio Lower Upper
146 100
111 45.9 23.3 69.9
148 63.3 31.9 95.7

Manual Integrations
APPROVED

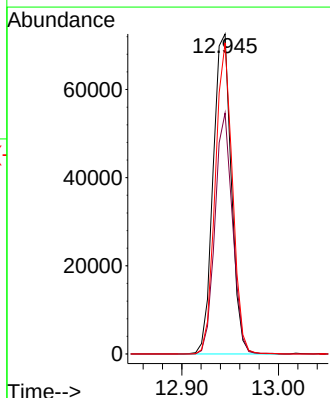
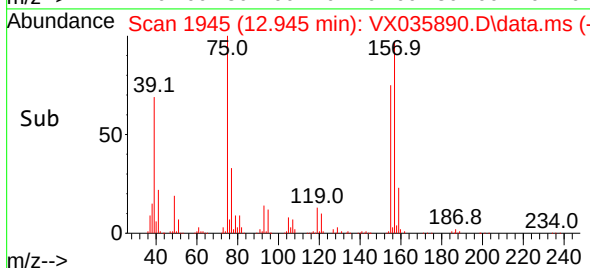
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

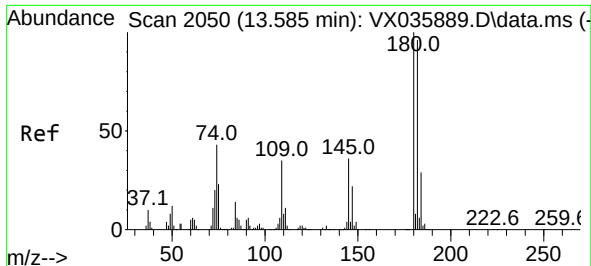


#92
1,2-Dibromo-3-Chloropropane
Concen: 110.301 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50



Tgt Ion: 75 Resp: 94663
Ion Ratio Lower Upper
75 100
155 72.8 35.3 105.7
157 92.0 45.6 136.8





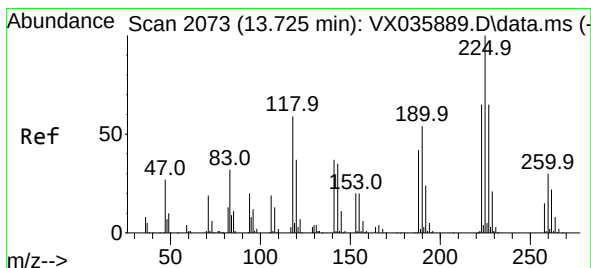
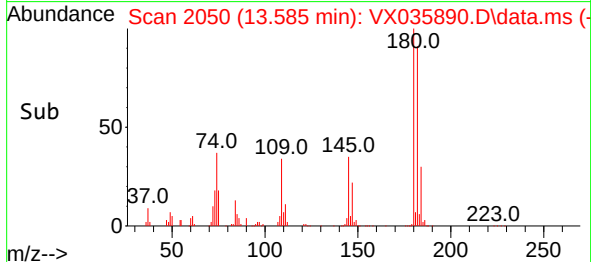
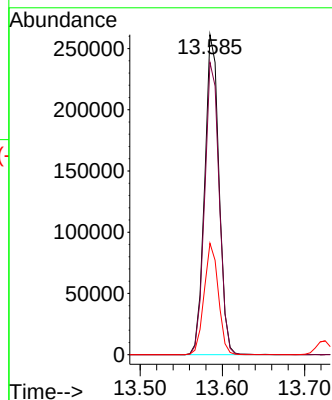
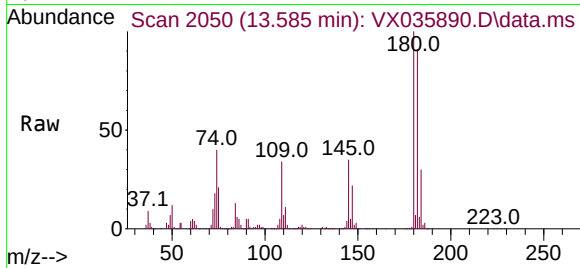
#93
1,2,4-Trichlorobenzene
Concen: 100.913 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:180 Resp: 316578
Ion Ratio Lower Upper
180 100
182 92.5 47.3 141.8
145 34.5 17.3 51.9

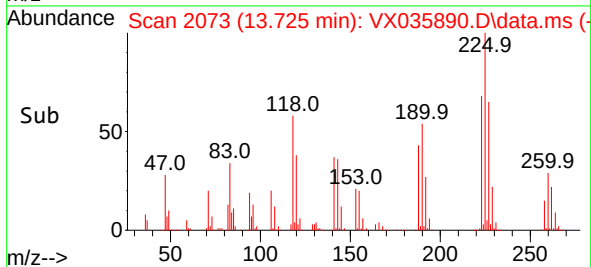
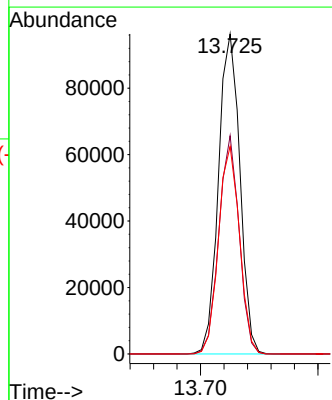
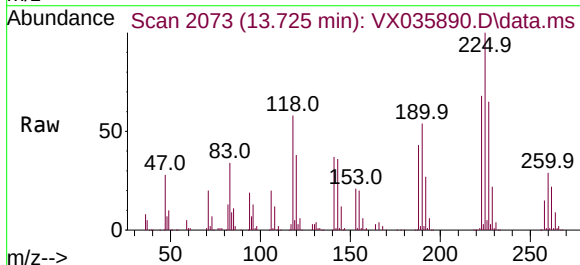
Manual Integrations
APPROVED

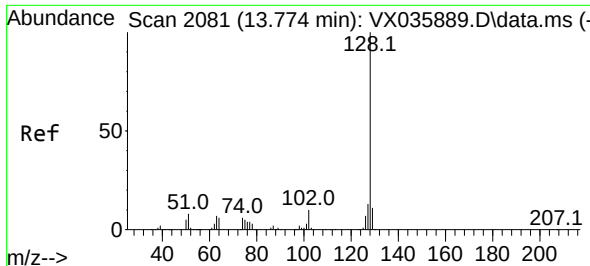
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#94
Hexachlorobutadiene
Concen: 96.840 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

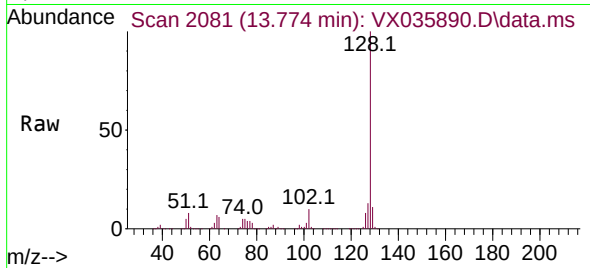
Tgt Ion:225 Resp: 121813
Ion Ratio Lower Upper
225 100
223 64.4 32.6 97.7
227 63.8 31.9 95.7





#95
Naphthalene
Concen: 102.006 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50

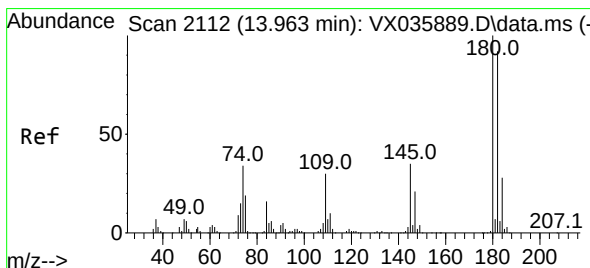
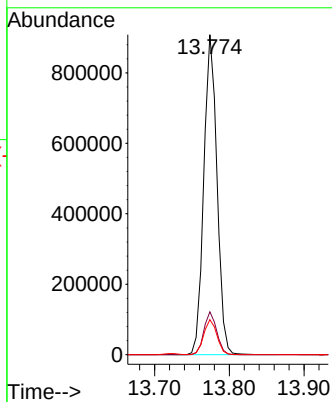
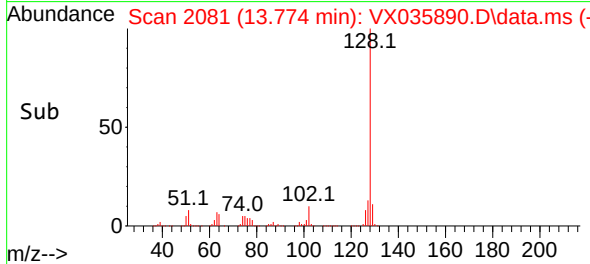
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



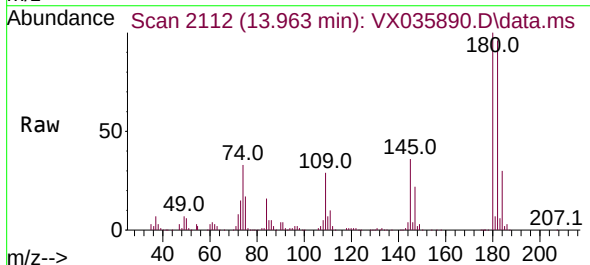
Tgt Ion:128 Resp: 1111788
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#96
1,2,3-Trichlorobenzene
Concen: 99.380 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035890.D
Acq: 26 May 2023 17:50



Tgt Ion:180 Resp: 310687
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.7
145 36.8 18.1 54.3

