

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020423\
 Data File : VX034010.D
 Acq On : 03 Feb 2023 15:09
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 03 22:20:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 22:11:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	166490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	8188	4.752	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	9.500%#		
35) Dibromofluoromethane	5.385	113	7268	5.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.040%#		
50) Toluene-d8	8.647	98	26614	5.077	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.160%#		
62) 4-Bromofluorobenzene	11.079	95	9000	4.667	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6201	4.660	ug/l	99
3) Chloromethane	1.295	50	6084	4.294	ug/l	92
4) Vinyl Chloride	1.374	62	6328	4.623	ug/l	93
5) Bromomethane	1.612	94	3431	4.330	ug/l	97
6) Chloroethane	1.685	64	3474	4.081	ug/l	91
7) Trichlorofluoromethane	1.886	101	10237	4.528	ug/l	99
8) Diethyl Ether	2.130	74	3524	4.638	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	6905	4.567	ug/l	93
10) Methyl Iodide	2.453	142	8836	4.449	ug/l	94
11) Tert butyl alcohol	2.959	59	5752	19.885	ug/l #	96
12) 1,1-Dichloroethene	2.325	96	6733	4.730	ug/l	86
13) Acrolein	2.233	56	7313	24.651	ug/l	94
14) Allyl chloride	2.666	41	10255	3.956	ug/l	93
15) Acrylonitrile	3.062	53	18040	22.889	ug/l	97
16) Acetone	2.380	43	17048	21.630	ug/l	91
17) Carbon Disulfide	2.514	76	15596	4.206	ug/l	96
18) Methyl Acetate	2.703	43	9378	3.897	ug/l	92
19) Methyl tert-butyl Ether	3.105	73	20184	4.349	ug/l	98
20) Methylene Chloride	2.788	84	7634	4.523	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	7280	4.626	ug/l	97
22) Diisopropyl ether	3.764	45	21862	4.353	ug/l	88
23) Vinyl Acetate	3.721	43	81247	21.461	ug/l	97
24) 1,1-Dichloroethane	3.611	63	12139	4.376	ug/l	98
25) 2-Butanone	4.556	43	24481	21.914	ug/l	96
26) 2,2-Dichloropropane	4.477	77	8561	4.293	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	8235	4.565	ug/l	96
28) Bromochloromethane	4.898	49	5370	4.286	ug/l #	90
29) Tetrahydrofuran	5.007	42	15710	22.275	ug/l	97
30) Chloroform	5.093	83	13378	4.697	ug/l	87
31) Cyclohexane	5.464	56	11814	4.670	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	10581	4.347	ug/l	99
36) 1,1-Dichloropropene	5.696	75	9561	4.558	ug/l	98
37) Ethyl Acetate	4.715	43	8692	3.824	ug/l	97
38) Carbon Tetrachloride	5.678	117	10154	4.673	ug/l	95
39) Methylcyclohexane	7.379	83	12274	4.724	ug/l	95
40) Benzene	6.038	78	28884	4.733	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	5197	4.575	ug/l #	94
42) 1,2-Dichloroethane	6.092	62	9686	4.509	ug/l	98
43) Isopropyl Acetate	6.336	43	13964	4.265	ug/l	98
44) Trichloroethene	7.123	130	8836	5.110	ug/l	89
45) 1,2-Dichloropropane	7.428	63	7006	4.597	ug/l	91
46) Dibromomethane	7.586	93	4857	4.540	ug/l	91
47) Bromodichloromethane	7.824	83	9231	4.496	ug/l #	99
48) Methyl methacrylate	7.696	41	7159	4.351	ug/l	94
49) 1,4-Dioxane	7.684	88	2825	79.745	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	45363	22.664	ug/l	99
52) Toluene	8.720	92	18622	4.732	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	8274	4.033	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	9996	4.339	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	7258	4.640	ug/l	98
56) Ethyl methacrylate	9.116	69	9532	4.351	ug/l	97
57) 1,3-Dichloropropane	9.311	76	12308	4.884	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	23756	22.188	ug/l	98
59) 2-Hexanone	9.433	43	32202	23.132	ug/l	99
60) Dibromochloromethane	9.519	129	7522	4.628	ug/l	98
61) 1,2-Dibromoethane	9.610	107	7815	5.024	ug/l	98
64) Tetrachloroethene	9.275	164	8514	5.418	ug/l	96
65) Chlorobenzene	10.080	112	20795	4.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	7340	4.734	ug/l	97
67) Ethyl Benzene	10.195	91	34238	4.779	ug/l	97
68) m/p-Xylenes	10.299	106	27281	9.709	ug/l	99
69) o-Xylene	10.640	106	13576	4.892	ug/l	100
70) Styrene	10.653	104	21438	4.753	ug/l	99
71) Bromoform	10.799	173	5601	4.326	ug/l #	100
73) Isopropylbenzene	10.964	105	34322	4.576	ug/l	99
74) N-amyl acetate	10.842	43	10362	3.904	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	10410	4.630	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	9032m	4.789	ug/l	
77) Bromobenzene	11.195	156	9335	4.591	ug/l	97
78) n-propylbenzene	11.305	91	36786	4.404	ug/l	98
79) 2-Chlorotoluene	11.366	91	23007	4.526	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	28480	4.597	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2228	3.666	ug/l	91
82) 4-Chlorotoluene	11.457	91	26038	4.512	ug/l	98
83) tert-Butylbenzene	11.713	119	28861	4.718	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	27928	4.785	ug/l	98
85) sec-Butylbenzene	11.890	105	34714	4.743	ug/l	99
86) p-Isopropyltoluene	12.006	119	29731	4.737	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	17333	4.979	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	17475	4.934	ug/l	95
89) n-Butylbenzene	12.335	91	22602	4.427	ug/l	99
90) Hexachloroethane	12.536	117	4240	4.144	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	16619	4.936	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1731	4.126	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	10760	4.728	ug/l	97
94) Hexachlorobutadiene	13.725	225	5458	4.905	ug/l	98
95) Naphthalene	13.774	128	29911	4.581	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	11225	4.921	ug/l	97

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

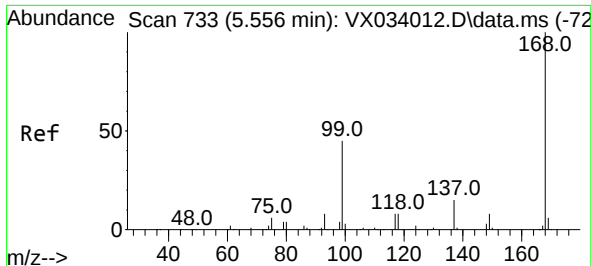
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 02/06/2023

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Quant Title : SW846 8260
QLast Update : Fri Feb 03 22:11:54 2023
Response via : Initial Calibration

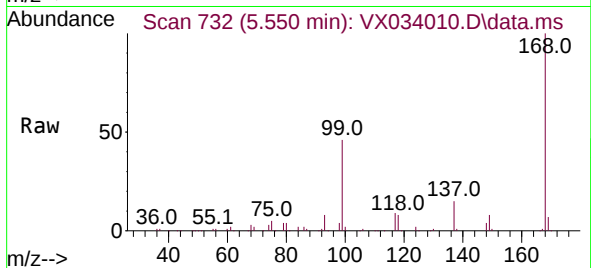
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034010.D
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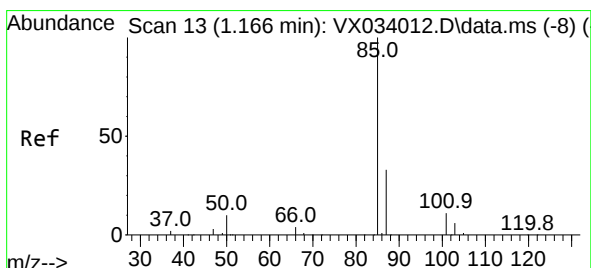
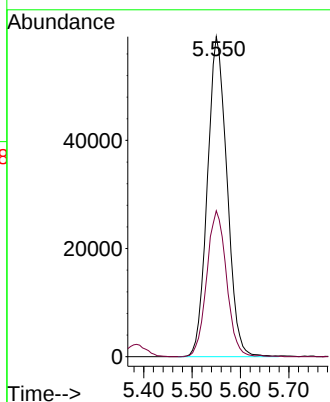
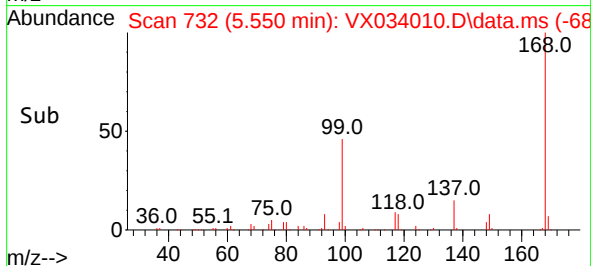
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 166490
Ion Ratio Lower Upper
168 100
99 45.6 39.6 59.4

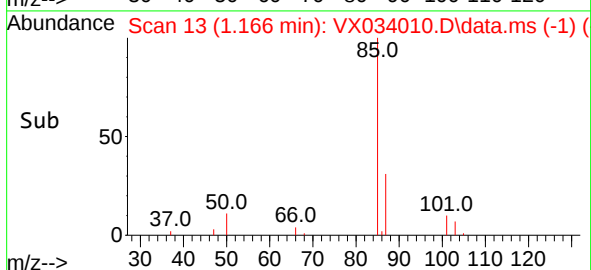
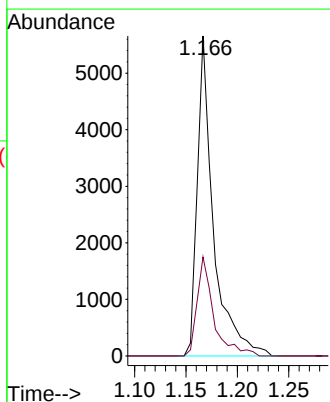
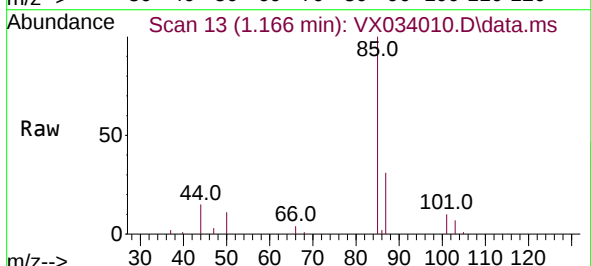
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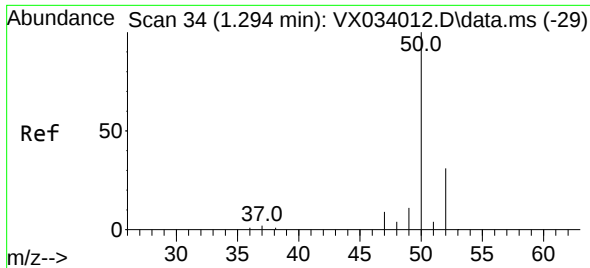
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#2
Dichlorodifluoromethane
Concen: 4.660 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion: 85 Resp: 6201
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4





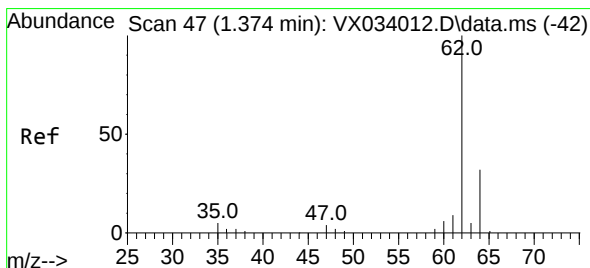
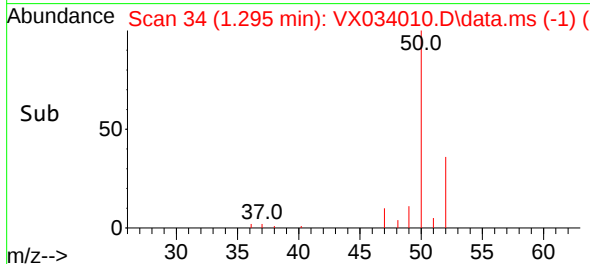
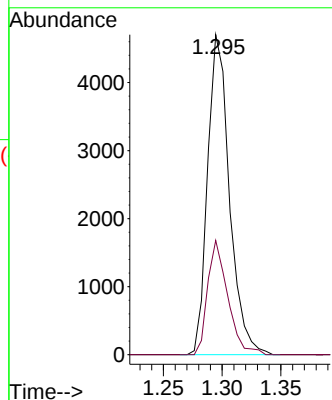
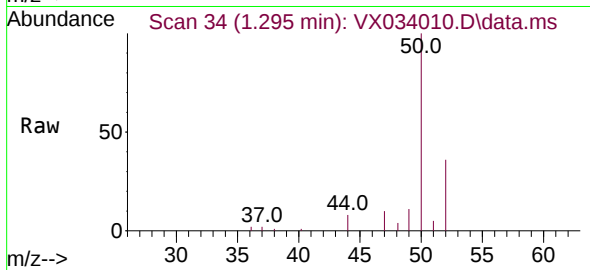
#3
Chloromethane
Concen: 4.294 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
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ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 6084
Ion Ratio Lower Upper
50 100
52 35.7 25.2 37.8

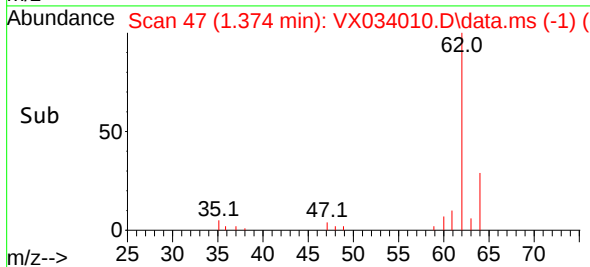
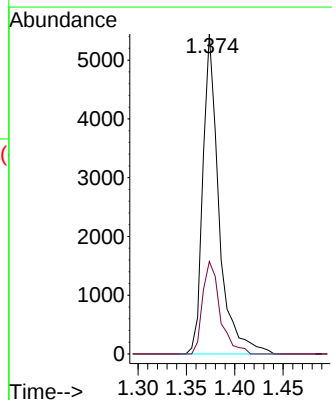
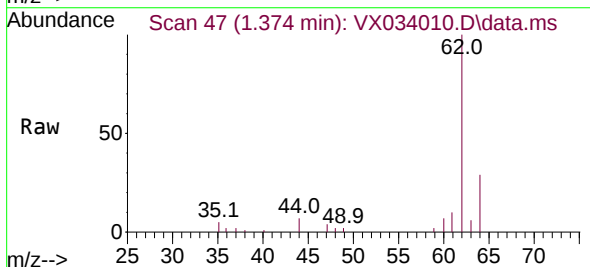
Manual Integrations
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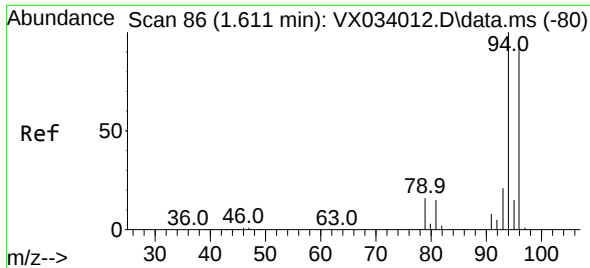
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#4
Vinyl Chloride
Concen: 4.623 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion: 62 Resp: 6328
Ion Ratio Lower Upper
62 100
64 28.9 26.2 39.4





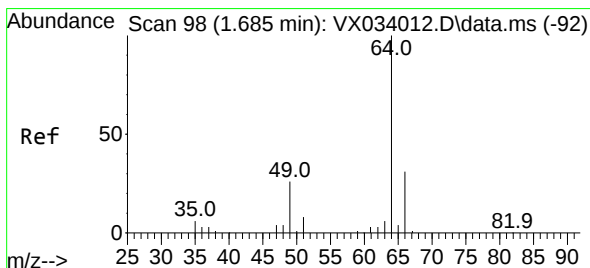
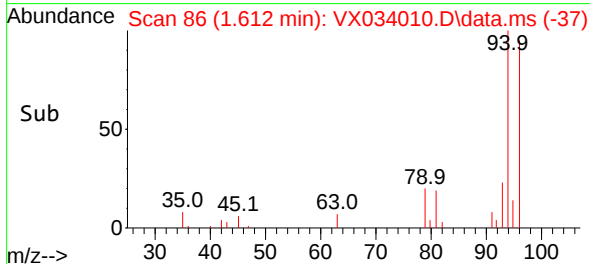
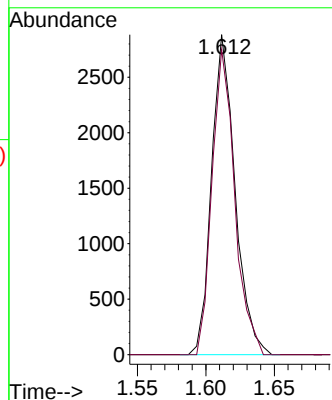
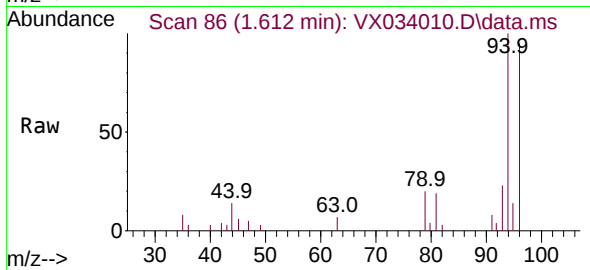
#5
Bromomethane
Concen: 4.330 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 343
Ion Ratio Lower Upper
94 100
96 95.4 74.3 111.5

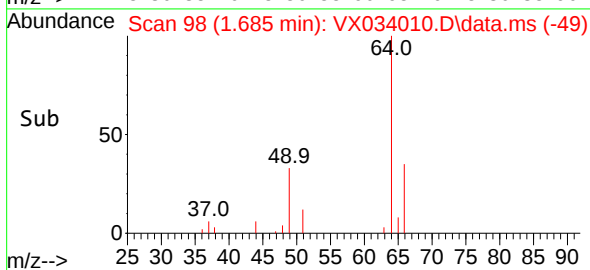
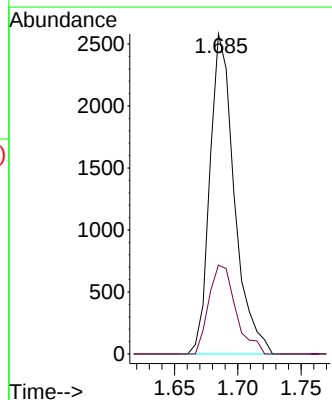
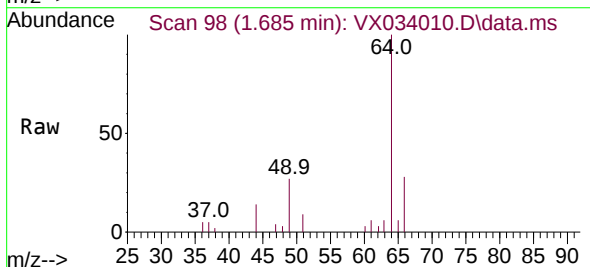
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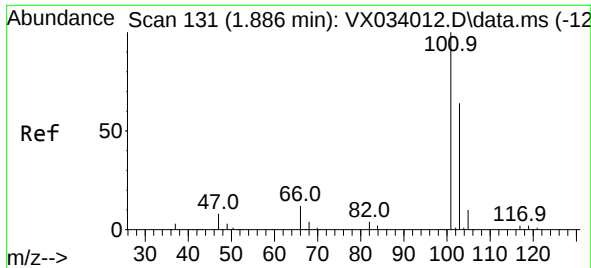
Reviewed By :John Carlone 02/06/2023
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#6
Chloroethane
Concen: 4.081 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion: 64 Resp: 3474
Ion Ratio Lower Upper
64 100
66 27.8 26.1 39.1





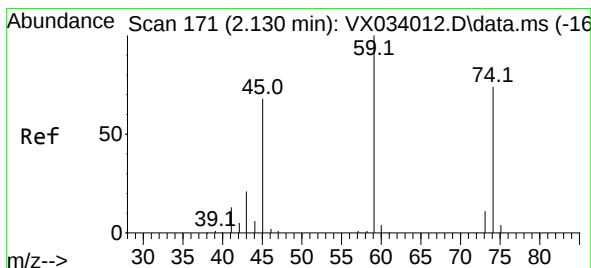
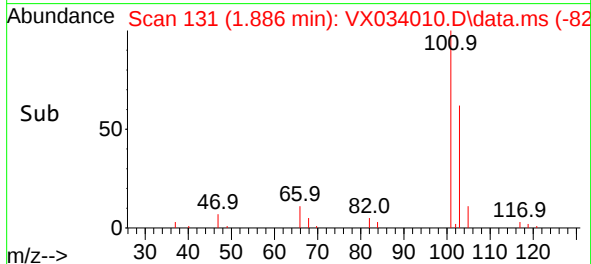
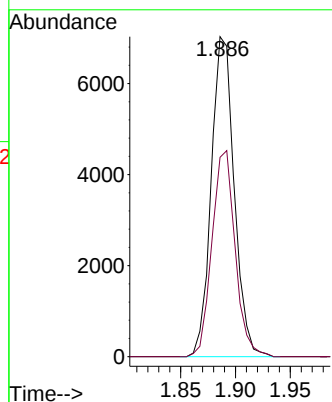
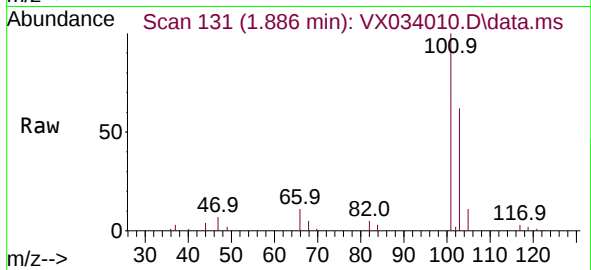
#7
Trichlorofluoromethane
Concen: 4.528 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1023
Ion Ratio Lower Upper
101 100
103 62.3 50.6 75.8

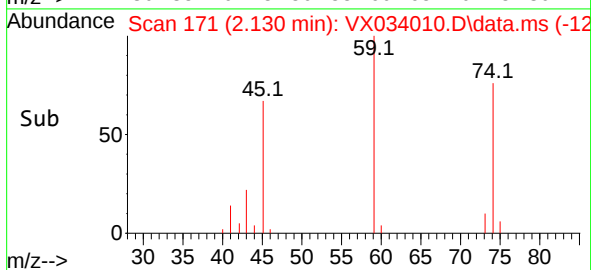
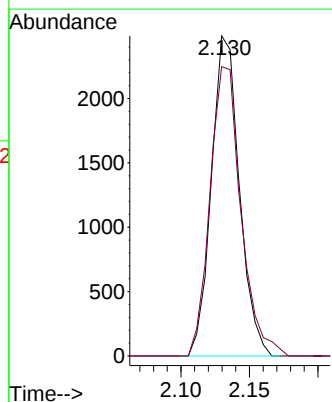
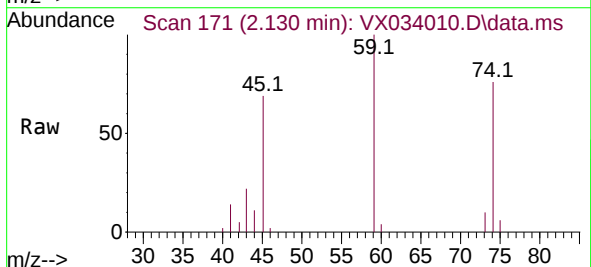
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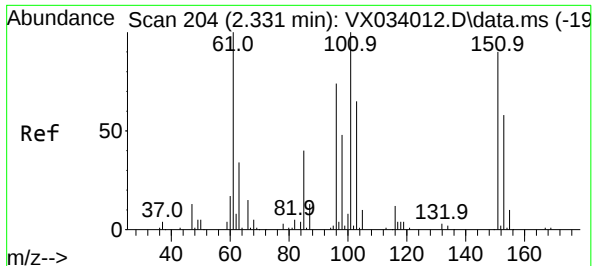
Reviewed By :John Carlone 02/06/2023
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#8
Diethyl Ether
Concen: 4.638 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion: 74 Resp: 3524
Ion Ratio Lower Upper
74 100
45 100.1 51.5 154.5





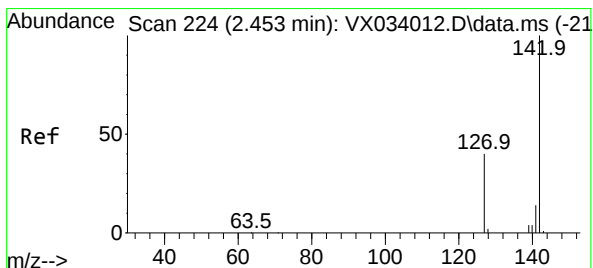
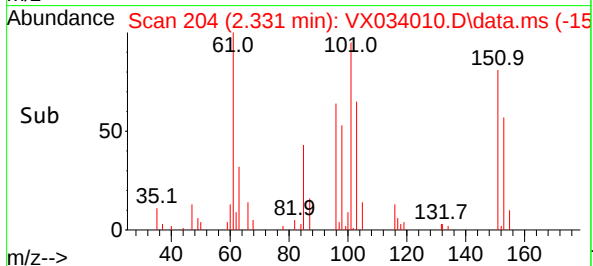
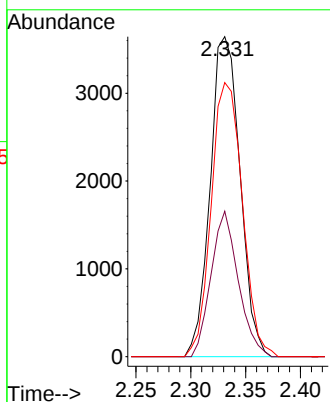
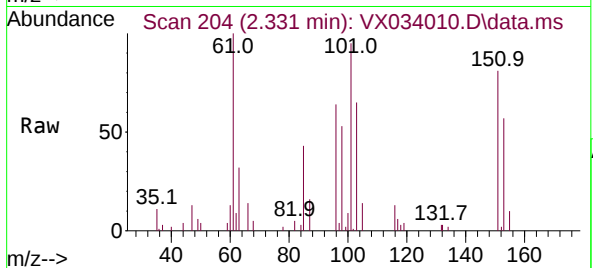
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.567 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 690
Ion Ratio Lower Upper
101 100
85 41.6 36.7 55.1
151 89.2 66.5 99.7

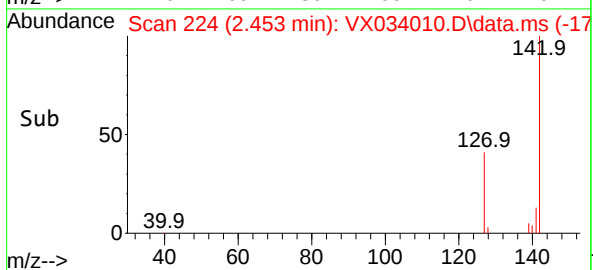
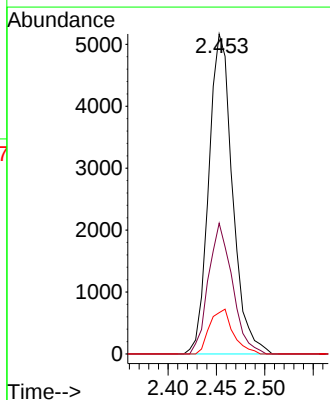
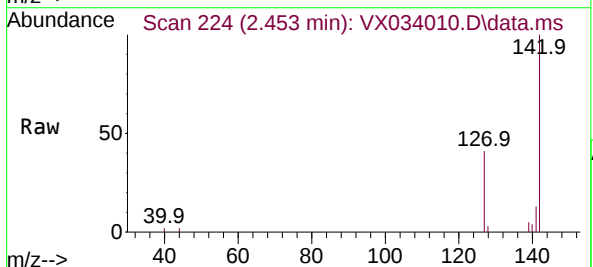
Manual Integrations
APPROVED

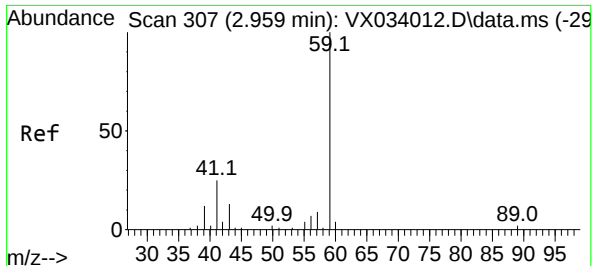
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#10
Methyl Iodide
Concen: 4.449 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion:142 Resp: 8836
Ion Ratio Lower Upper
142 100
127 41.3 37.3 55.9
141 13.8 11.5 17.3





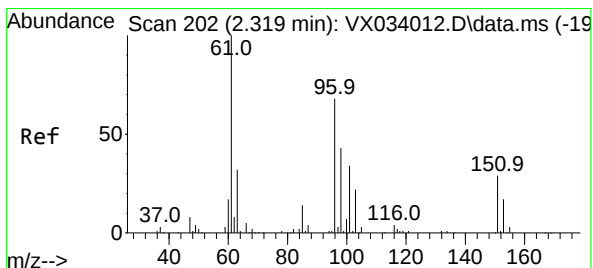
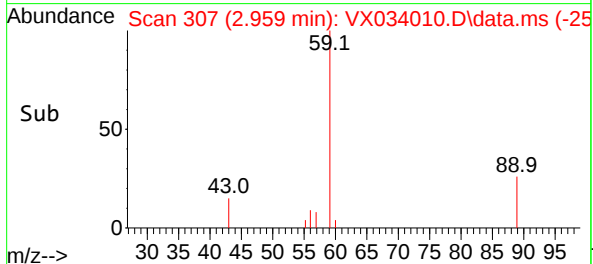
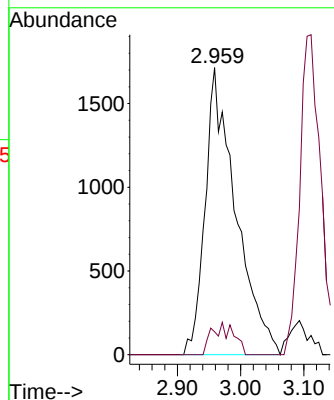
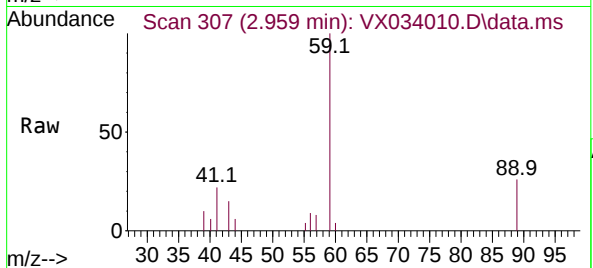
#11
Tert butyl alcohol
Concen: 19.885 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 5752
Ion Ratio Lower Upper
59 100
57 3.1 3.7 5.5

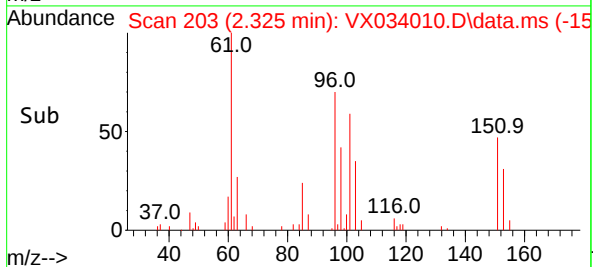
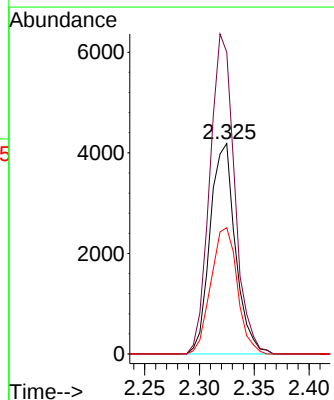
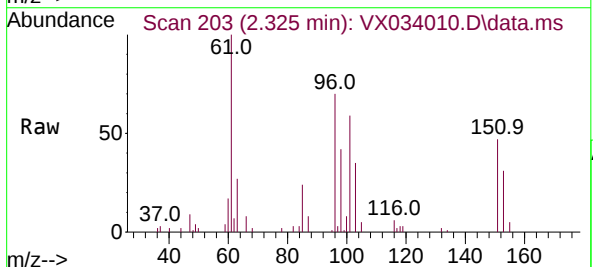
Manual Integrations
APPROVED

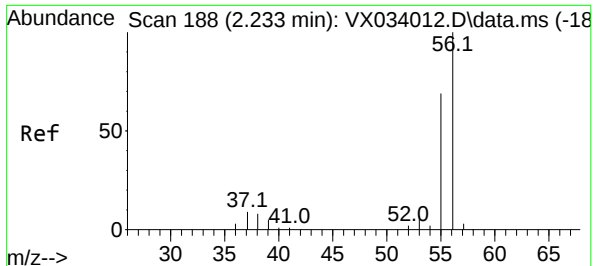
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#12
1,1-Dichloroethene
Concen: 4.730 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

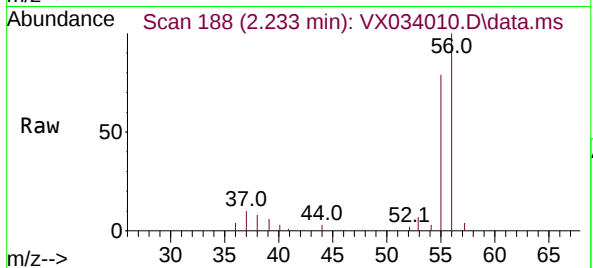
Tgt Ion: 96 Resp: 6733
Ion Ratio Lower Upper
96 100
61 143.4 134.2 201.4
98 60.0 50.2 75.2





#13
Acrolein
Concen: 24.651 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

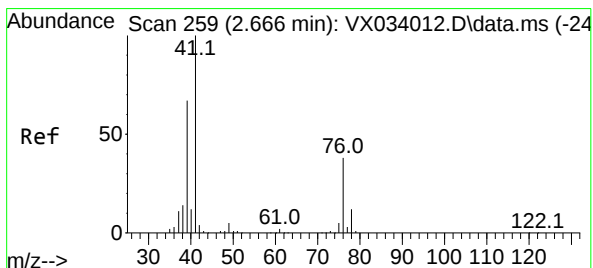
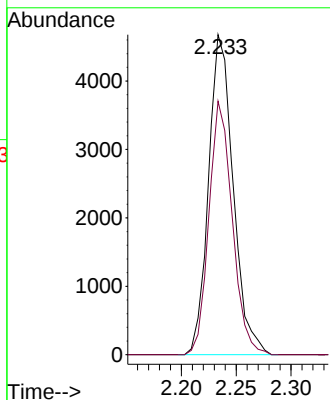
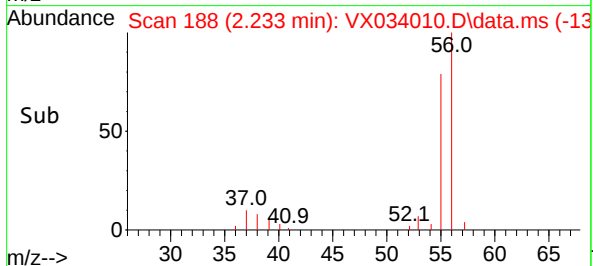
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



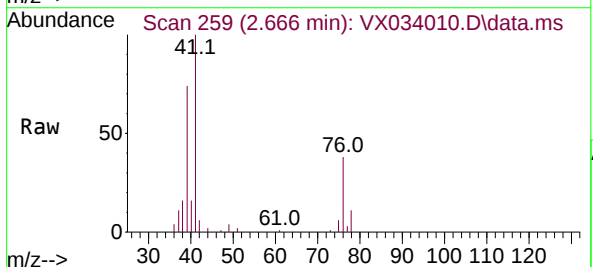
Tgt Ion: 56 Resp: 731
Ion Ratio Lower Upper
56 100
55 75.0 56.3 84.5

Manual Integrations
APPROVED

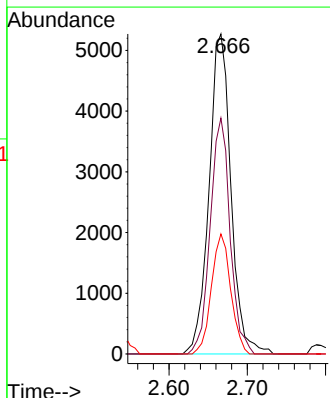
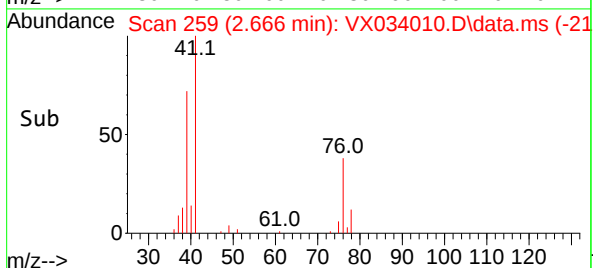
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

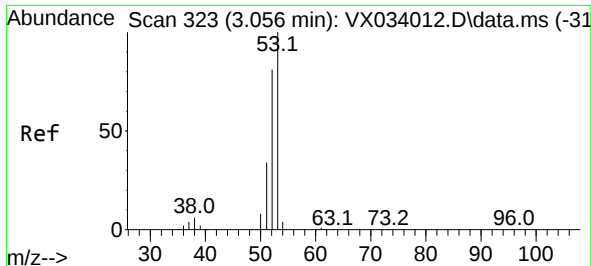


#14
Allyl chloride
Concen: 3.956 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09



Tgt Ion: 41 Resp: 10255
Ion Ratio Lower Upper
41 100
39 66.7 59.0 88.4
76 33.0 24.6 37.0





#15

Acrylonitrile

Concen: 22.889 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

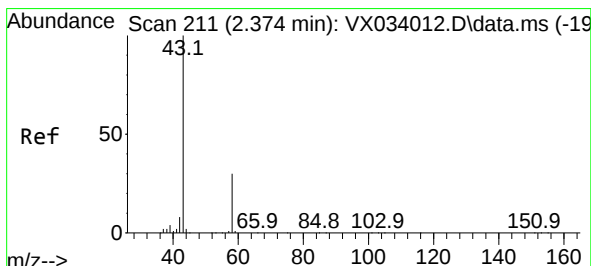
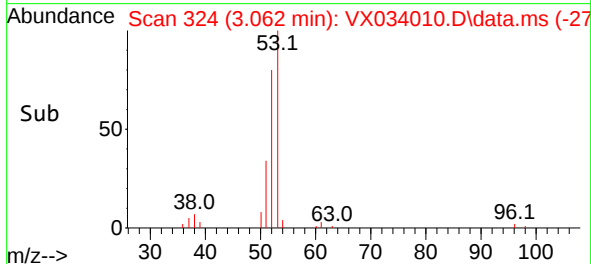
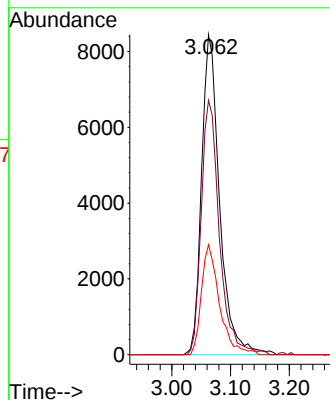
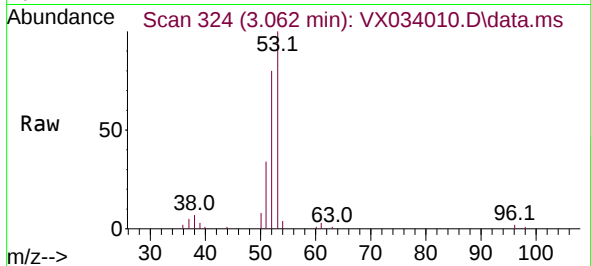
Tgt Ion: 53	Resp: 1804
Ion Ratio	Lower Upper
53 100	
52 79.9	65.7 98.5
51 34.3	29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#16

Acetone

Concen: 21.630 ug/l

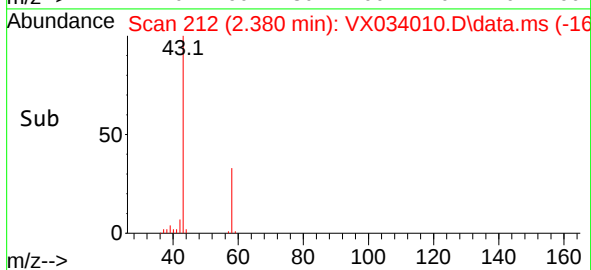
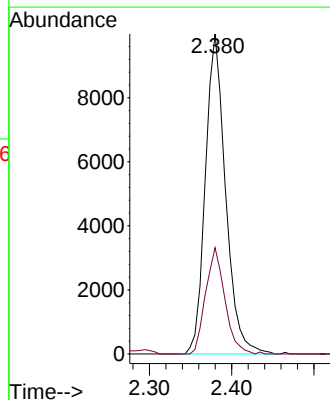
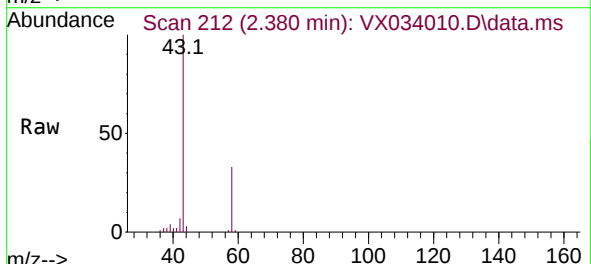
RT: 2.380 min Scan# 212

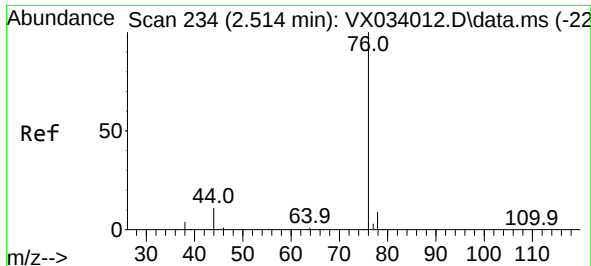
Delta R.T. 0.006 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Tgt Ion: 43	Resp: 17048
Ion Ratio	Lower Upper
43 100	
58 33.2	22.6 33.8





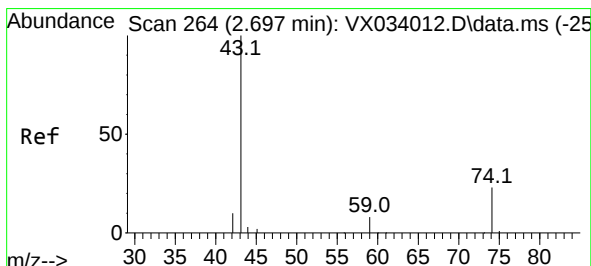
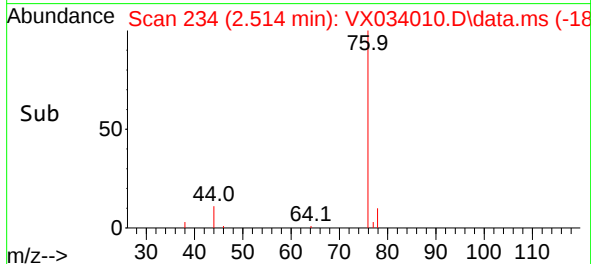
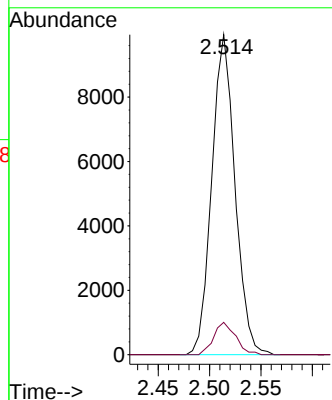
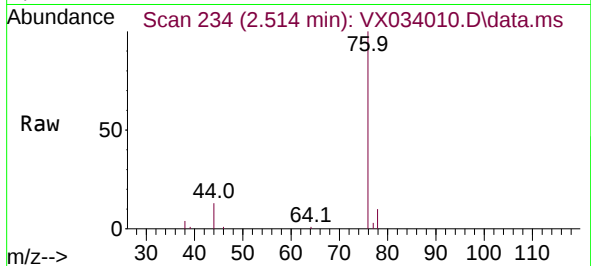
#17
Carbon Disulfide
Concen: 4.206 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 15590
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6

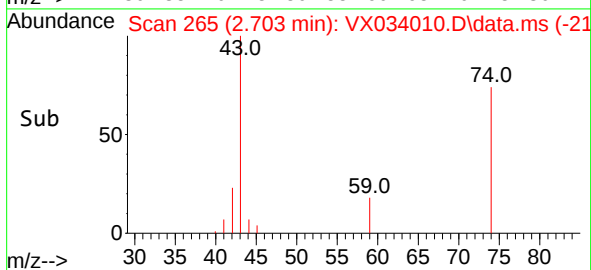
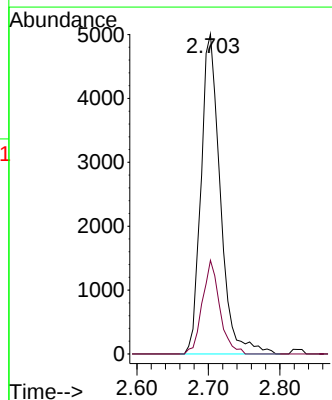
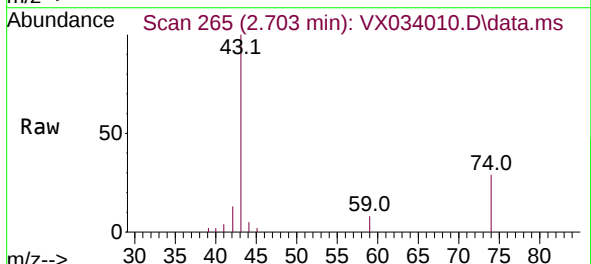
Manual Integrations
APPROVED

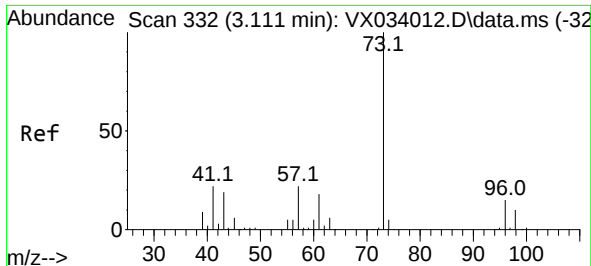
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#18
Methyl Acetate
Concen: 3.897 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

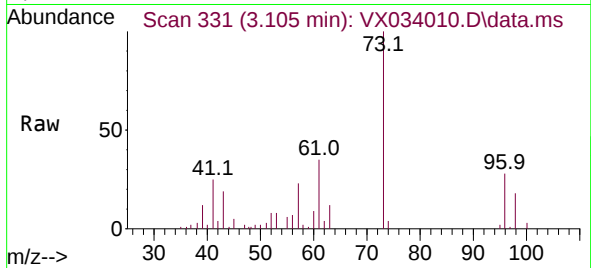
Tgt Ion: 43 Resp: 9378
Ion Ratio Lower Upper
43 100
74 26.5 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 4.349 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

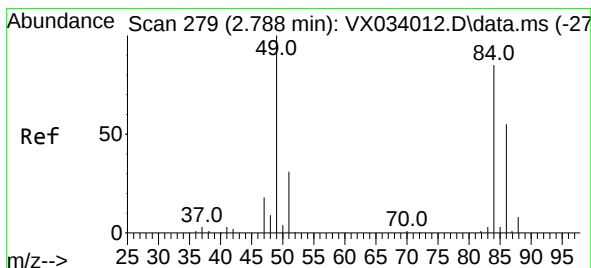
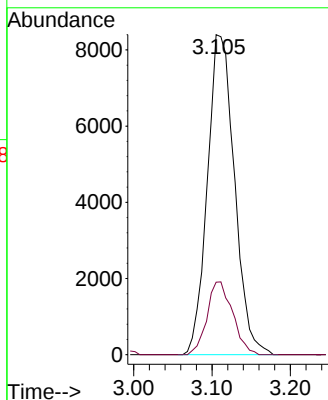
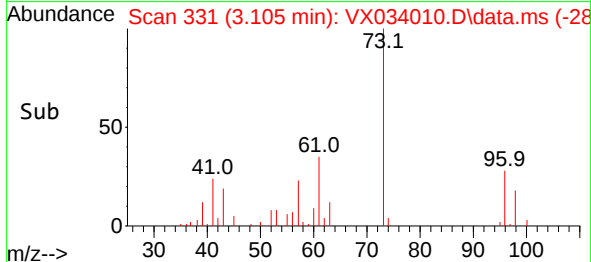
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 20184
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.0

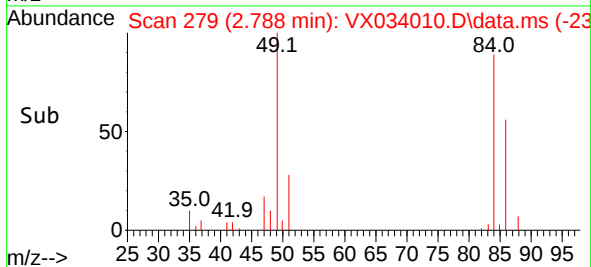
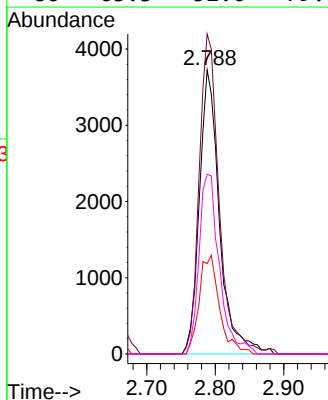
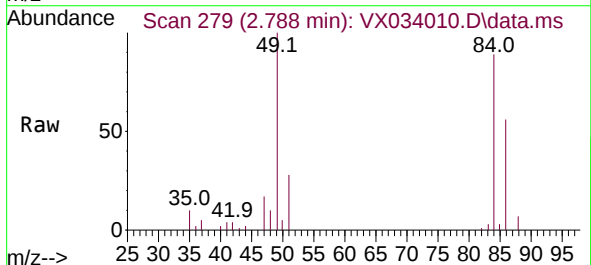
Manual Integrations
APPROVED

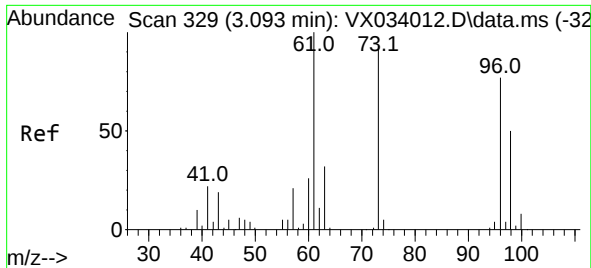
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#20
Methylene Chloride
Concen: 4.523 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

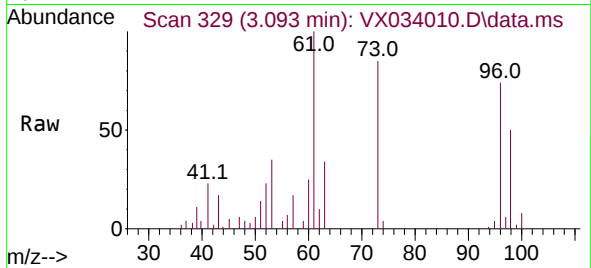
Tgt Ion: 84 Resp: 7634
Ion Ratio Lower Upper
84 100
49 112.7 101.1 151.7
51 31.9 31.0 46.6
86 63.3 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 4.626 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

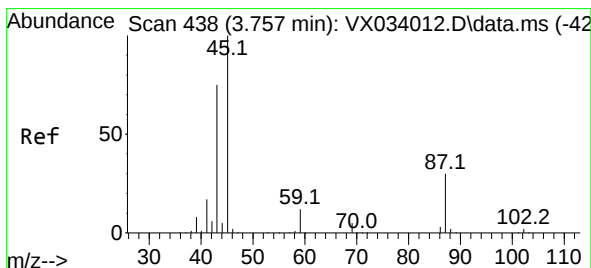
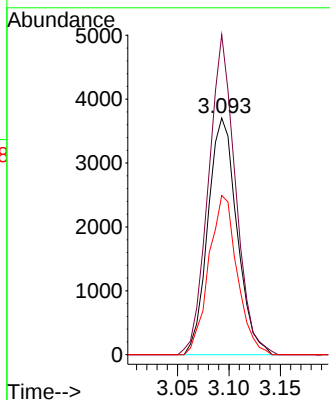
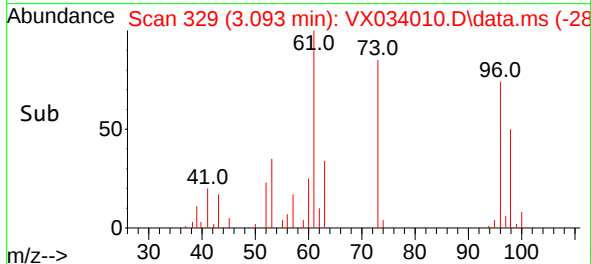
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



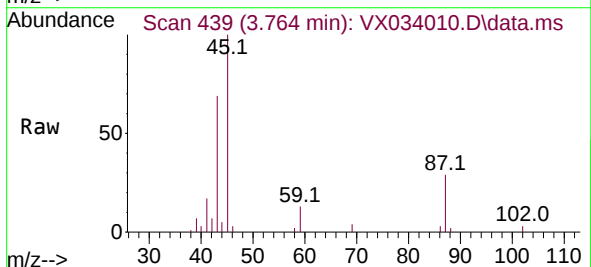
Tgt Ion: 96 Resp: 7280
Ion Ratio Lower Upper
96 100
61 135.2 106.7 160.1
98 67.2 50.0 75.0

Manual Integrations
APPROVED

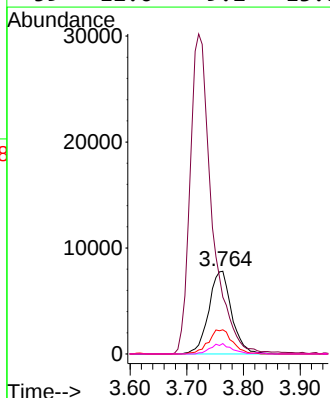
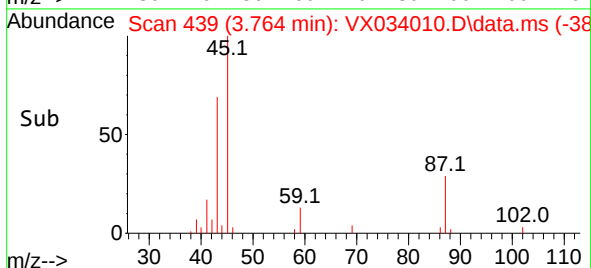
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#22
Diisopropyl ether
Concen: 4.353 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09



Tgt Ion: 45 Resp: 21862
Ion Ratio Lower Upper
45 100
43 66.2 64.6 97.0
87 29.1 21.9 32.9
59 12.6 9.2 13.8





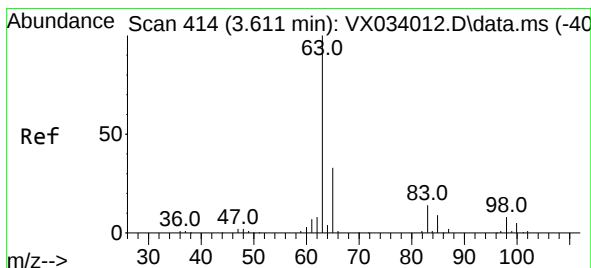
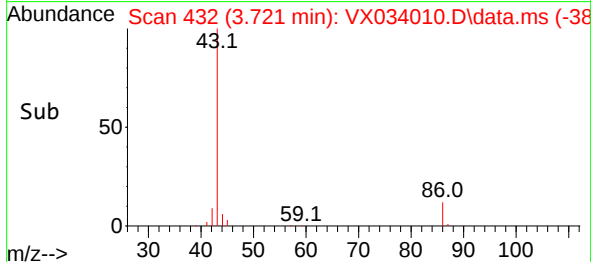
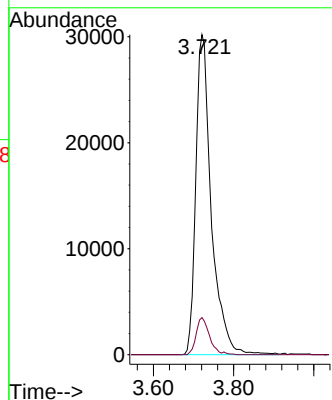
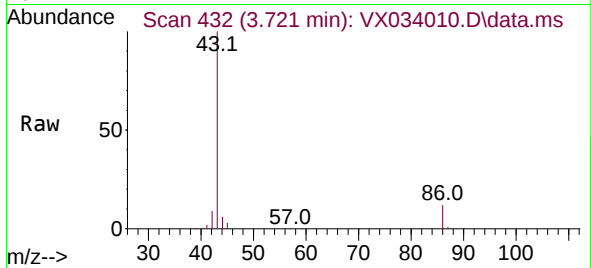
#23
 Vinyl Acetate
 Concen: 21.461 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034010.D
 Acq: 03 Feb 2023 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 8124
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.4 12.6

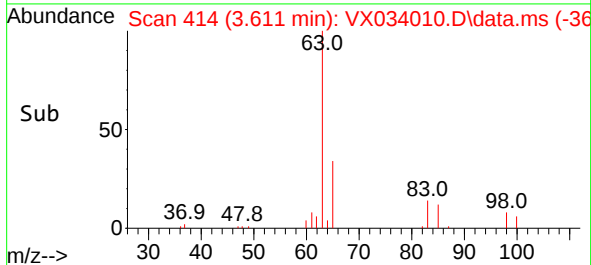
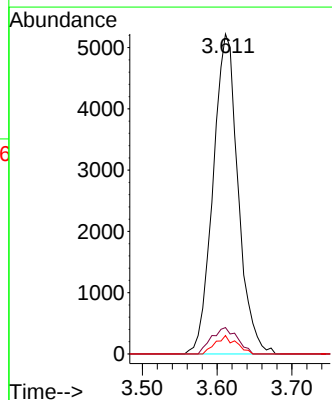
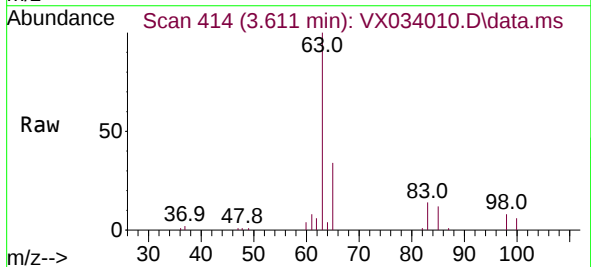
Manual Integrations
 APPROVED

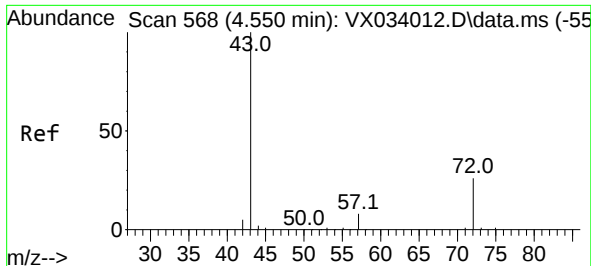
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#24
 1,1-Dichloroethane
 Concen: 4.376 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX034010.D
 Acq: 03 Feb 2023 15:09

Tgt Ion: 63 Resp: 12139
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.8 11.2
 100 5.8 2.4 7.2





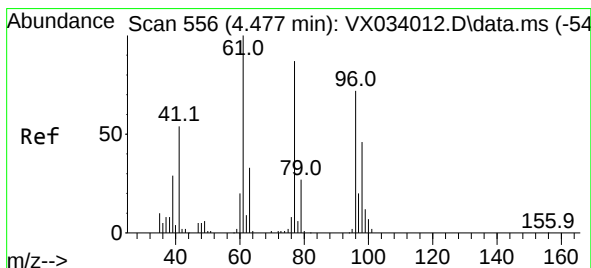
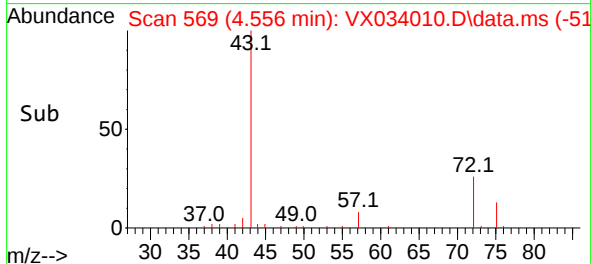
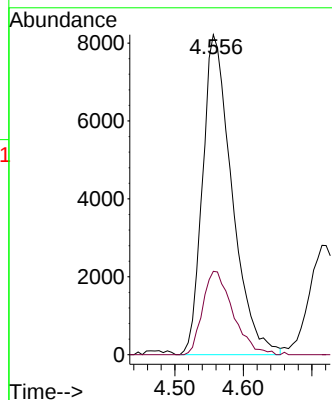
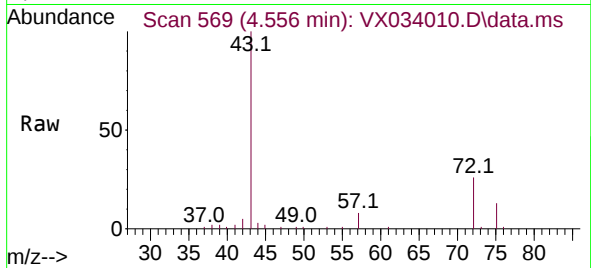
#25
2-Butanone
Concen: 21.914 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2448
Ion Ratio Lower Upper
43 100
72 26.1 19.4 29.2

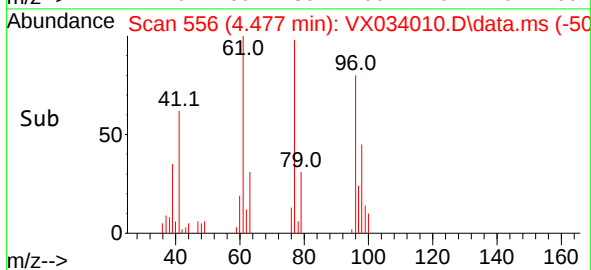
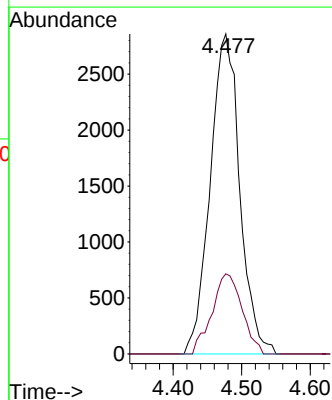
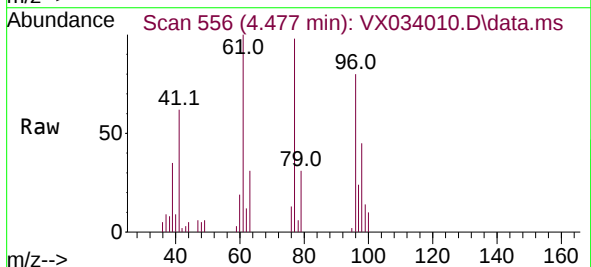
Manual Integrations
APPROVED

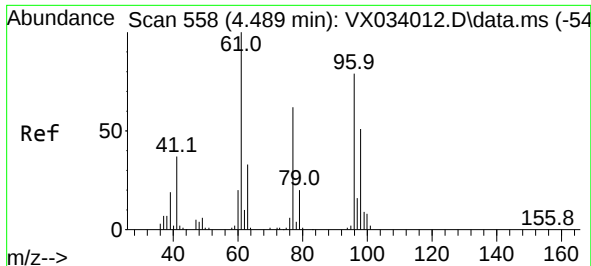
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#26
2,2-Dichloropropane
Concen: 4.293 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion: 77 Resp: 8561
Ion Ratio Lower Upper
77 100
97 25.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 4.565 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 823

Ion Ratio Lower Upper

96 100

61 133.2 0.0 277.6

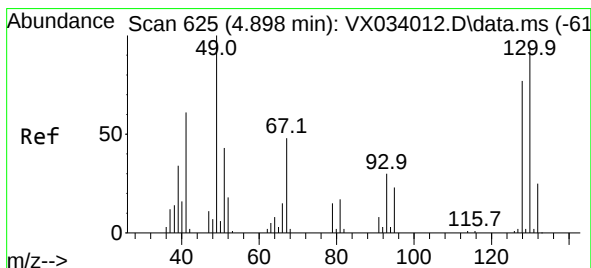
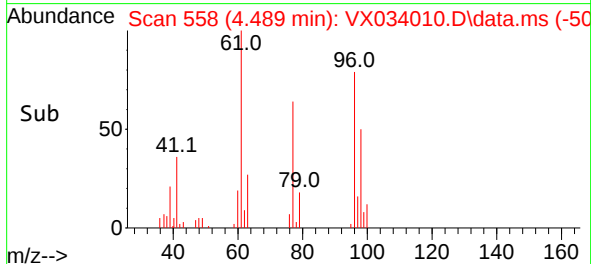
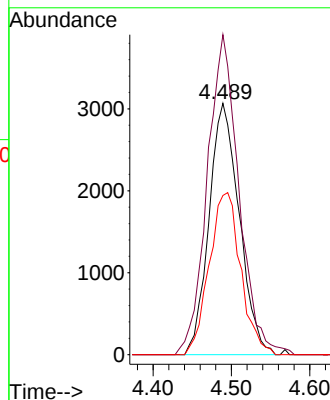
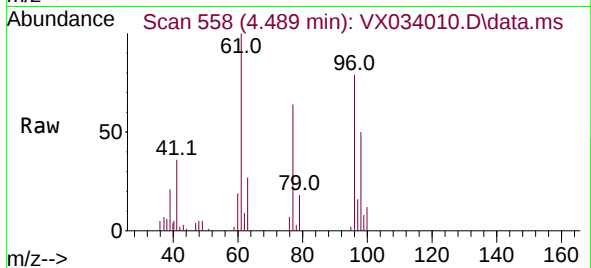
98 67.1 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#28

Bromochloromethane

Concen: 4.286 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

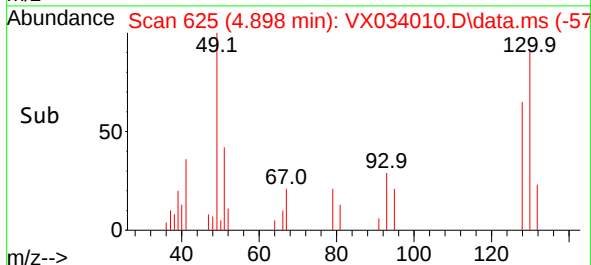
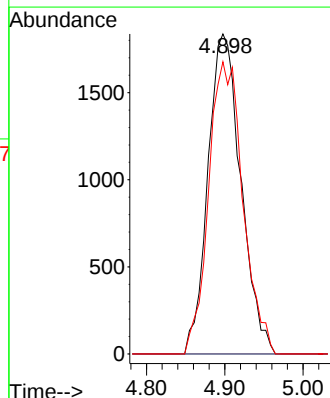
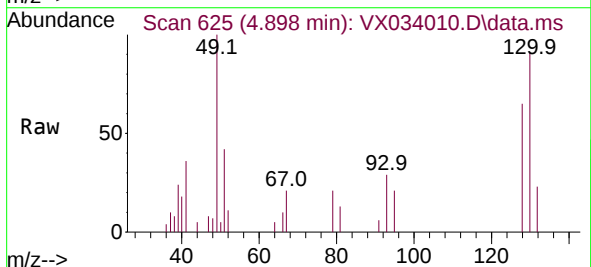
Tgt Ion: 49 Resp: 5370

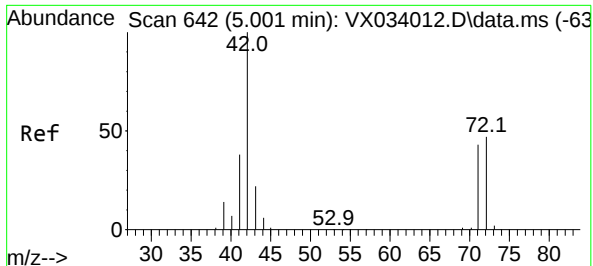
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 95.1 68.5 102.7





#29

Tetrahydrofuran

Concen: 22.275 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

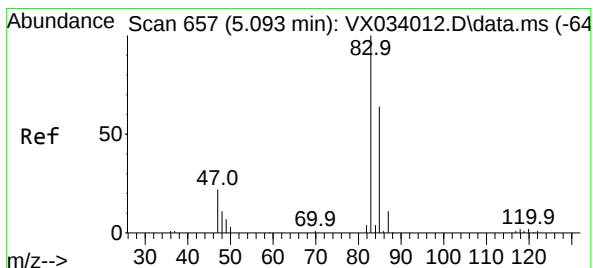
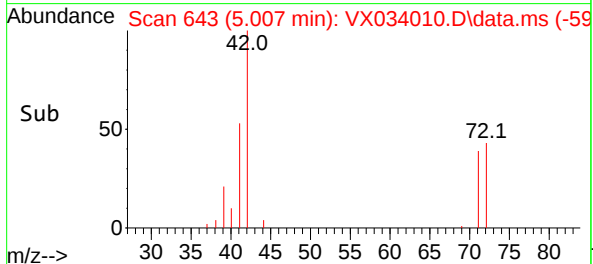
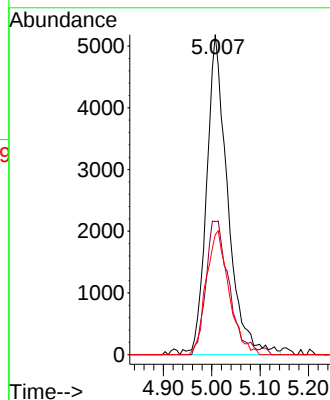
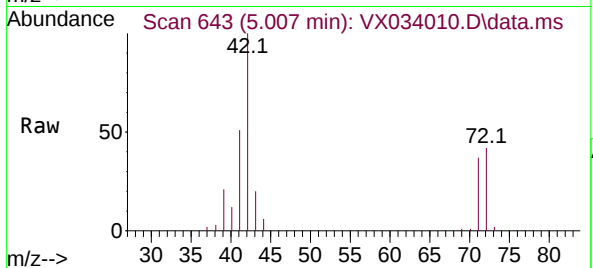
Tgt Ion: 42	Resp: 15710
Ion Ratio	Lower Upper
42 100	
72 45.9	34.8 52.2
71 41.9	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#30

Chloroform

Concen: 4.697 ug/l

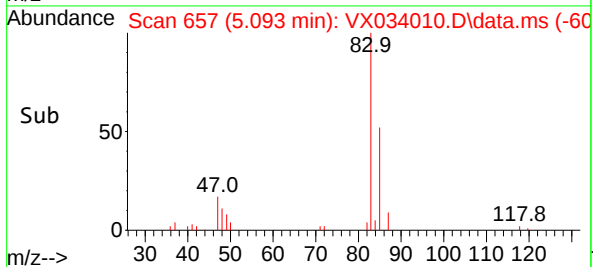
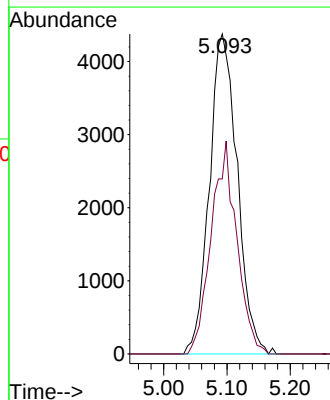
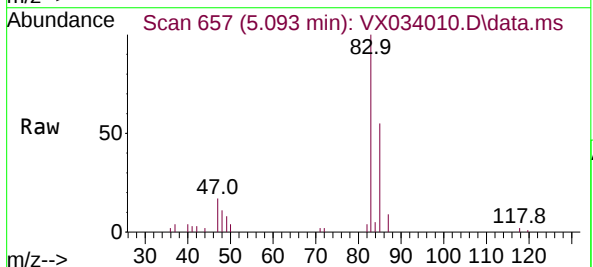
RT: 5.093 min Scan# 657

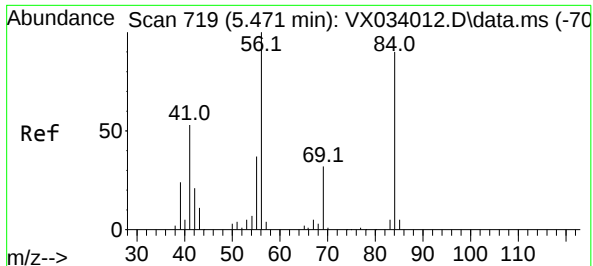
Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

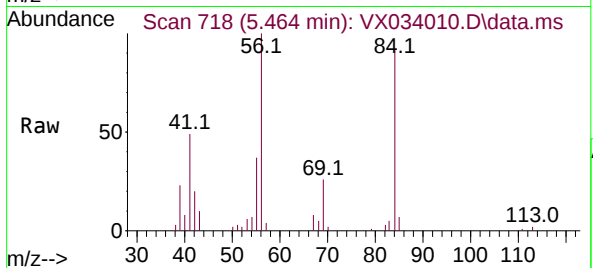
Tgt Ion: 83	Resp: 13378
Ion Ratio	Lower Upper
83 100	
85 54.7	52.1 78.1





#31
Cyclohexane
Concen: 4.670 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

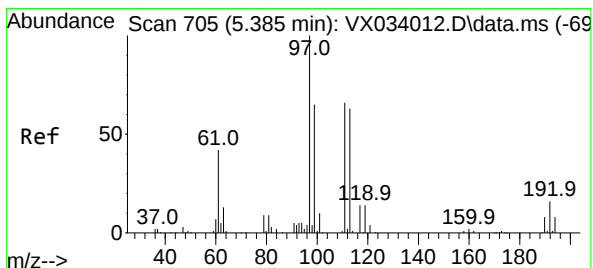
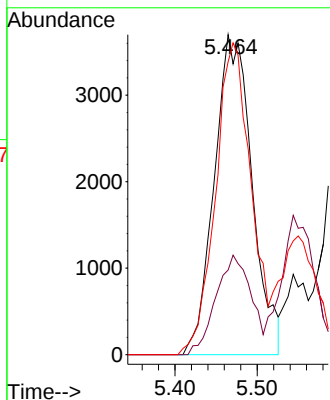
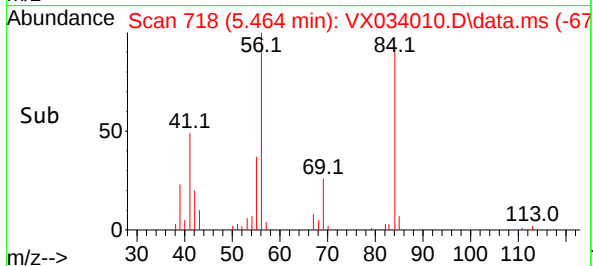
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



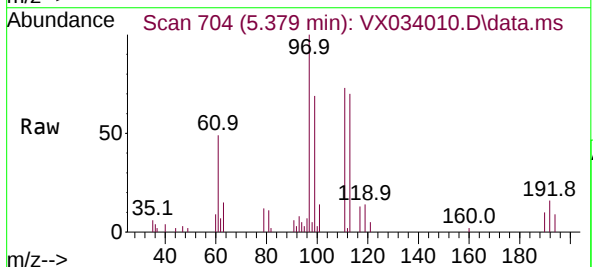
Tgt Ion: 56 Resp: 11814
Ion Ratio Lower Upper
56 100
69 26.4 24.6 37.0
84 91.5 71.0 106.6

Manual Integrations
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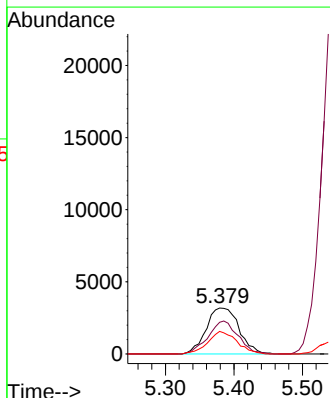
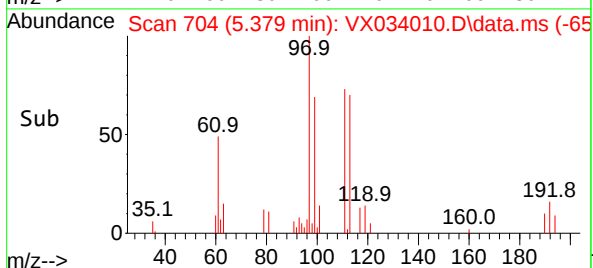
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

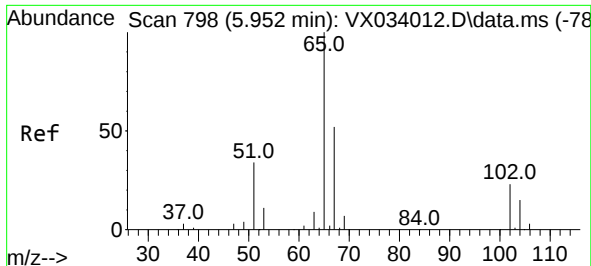


#32
1,1,1-Trichloroethane
Concen: 4.347 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09



Tgt Ion: 97 Resp: 10581
Ion Ratio Lower Upper
97 100
99 65.1 52.3 78.5
61 43.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 4.752 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 818

Ion Ratio Lower Upper

65 100

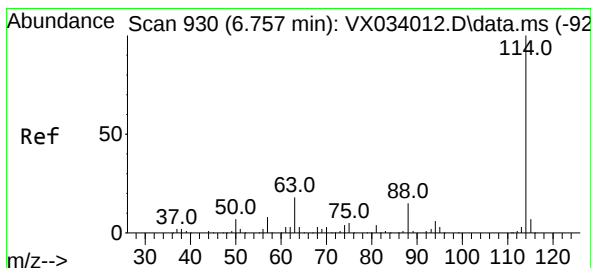
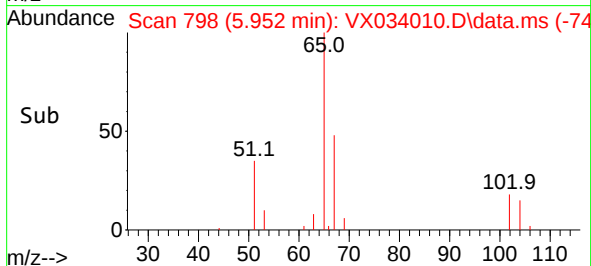
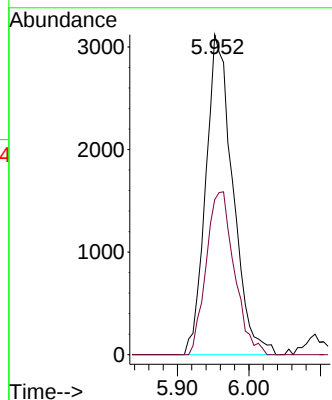
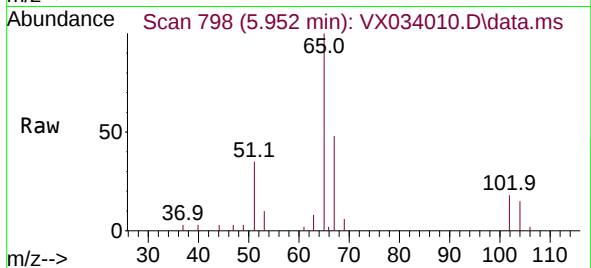
67 53.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

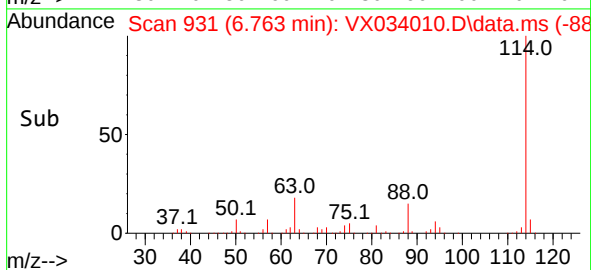
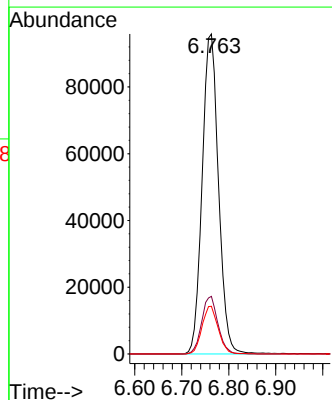
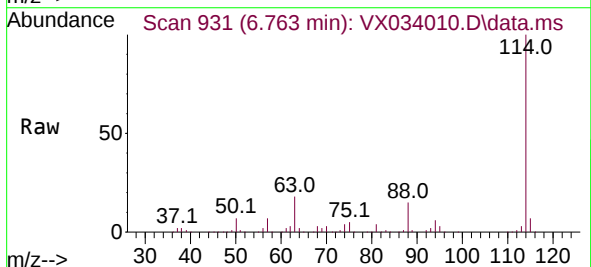
Tgt Ion:114 Resp: 231649

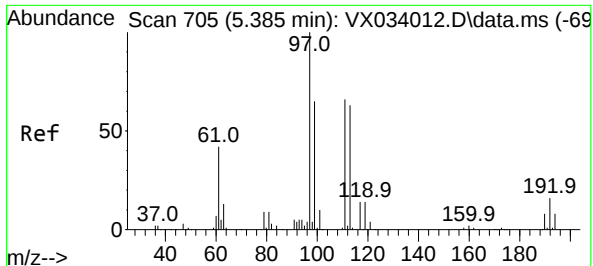
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

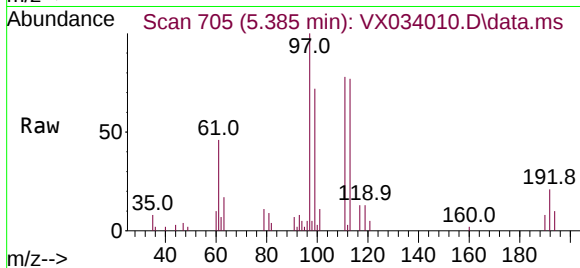
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 5.024 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

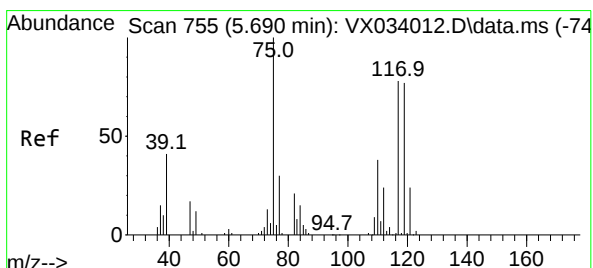
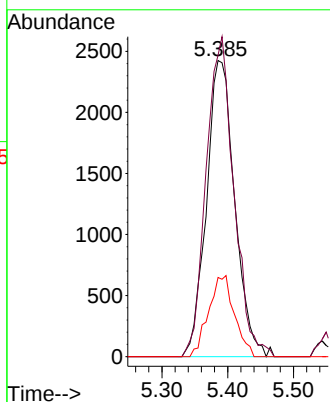
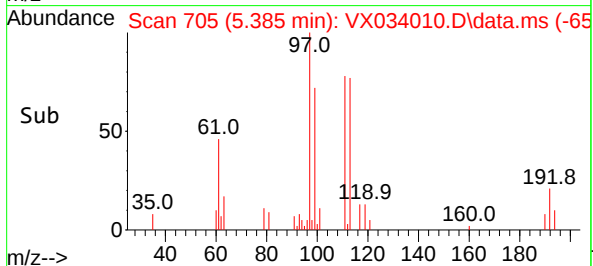
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 113 Resp: 7268
Ion Ratio Lower Upper
113 100
111 105.8 83.0 124.6
192 24.9 19.0 28.4

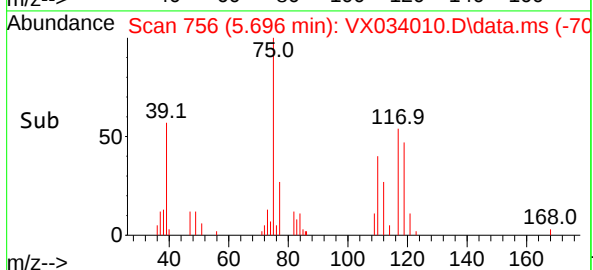
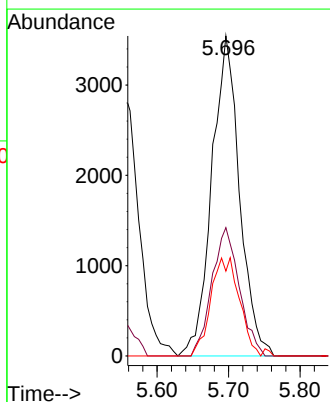
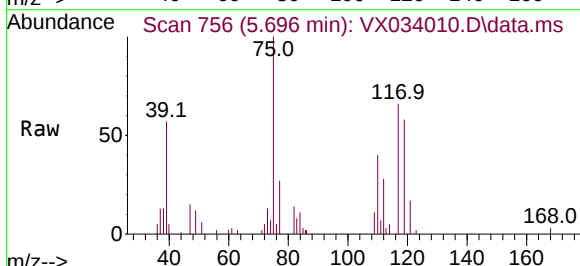
Manual Integrations
APPROVED

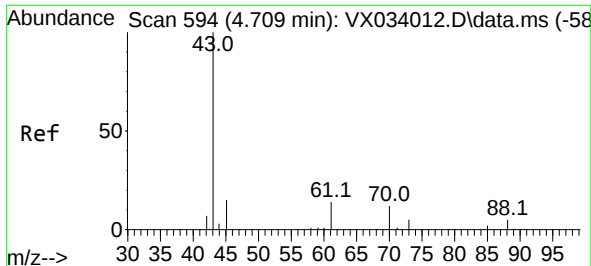
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#36
1,1-Dichloropropene
Concen: 4.558 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion: 75 Resp: 9561
Ion Ratio Lower Upper
75 100
110 39.7 18.8 56.4
77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 3.824 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

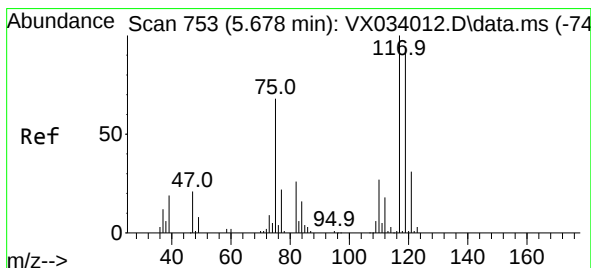
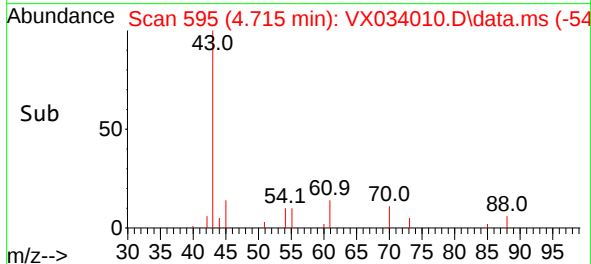
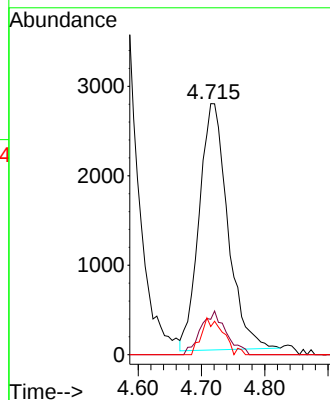
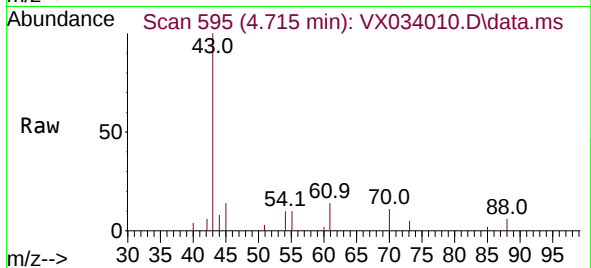
Tgt Ion: 43	Resp: 869
Ion Ratio	Lower Upper
43 100	
61 15.7	11.1 16.7
70 11.3	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#38

Carbon Tetrachloride

Concen: 4.673 ug/l

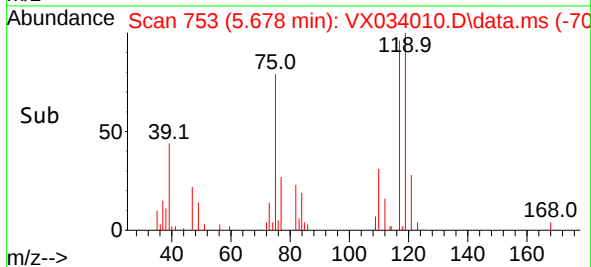
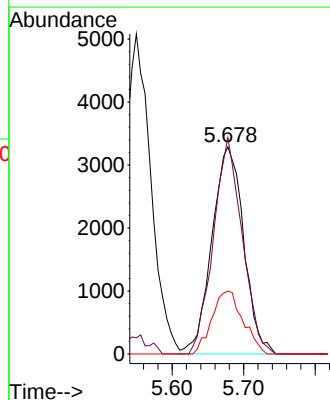
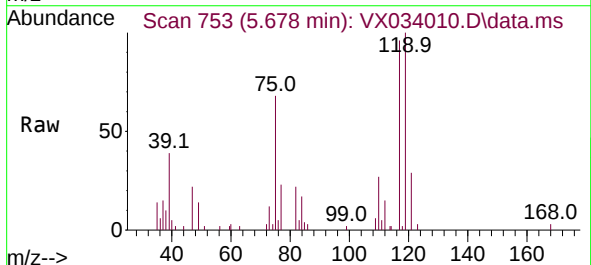
RT: 5.678 min Scan# 753

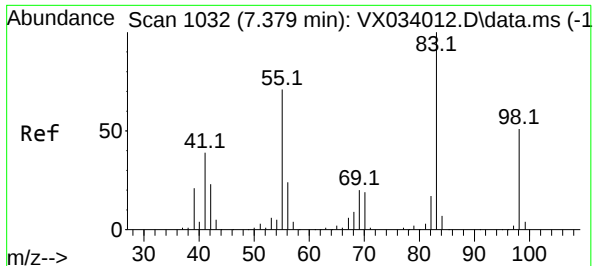
Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Tgt Ion: 117	Resp: 10154
Ion Ratio	Lower Upper
117 100	
119 104.3	78.0 117.0
121 30.3	24.4 36.6





#39

Methylcyclohexane

Concen: 4.724 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

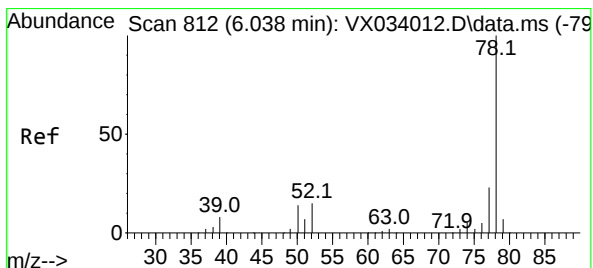
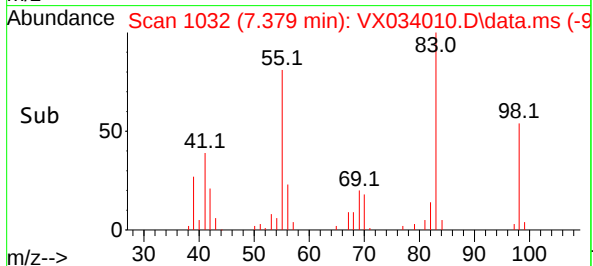
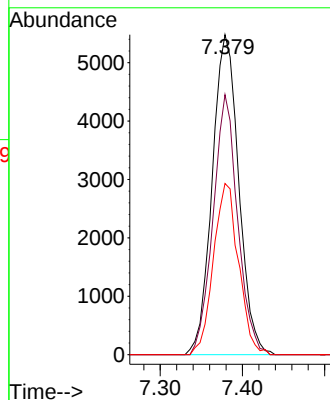
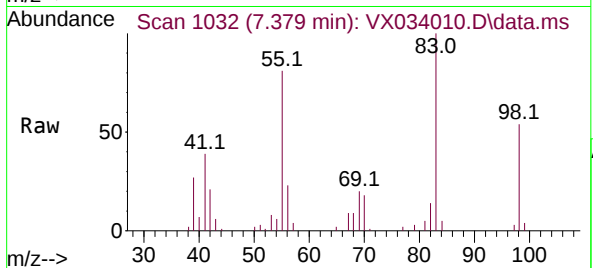
Tgt Ion: 83	Resp: 12274
Ion Ratio	Lower Upper
83 100	
55 81.3	61.8 92.6
98 53.5	39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#40

Benzene

Concen: 4.733 ug/l

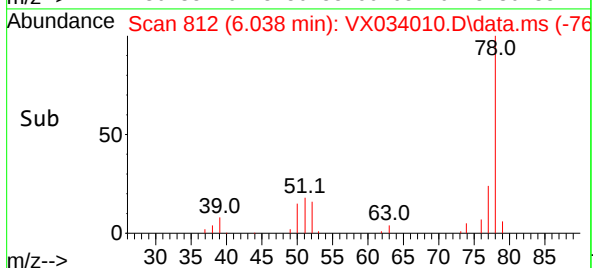
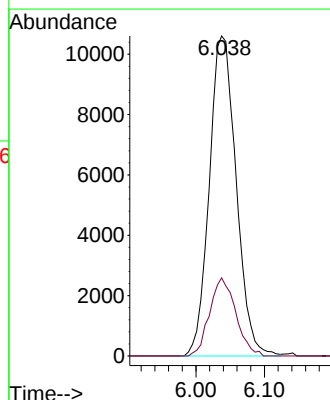
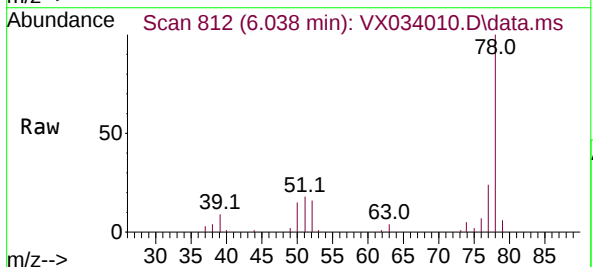
RT: 6.038 min Scan# 812

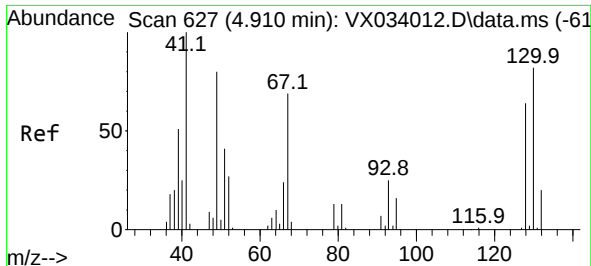
Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

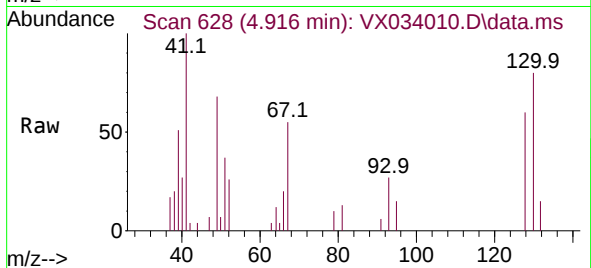
Tgt Ion: 78	Resp: 28884
Ion Ratio	Lower Upper
78 100	
77 24.4	19.0 28.4





#41
Methacrylonitrile
Concen: 4.575 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

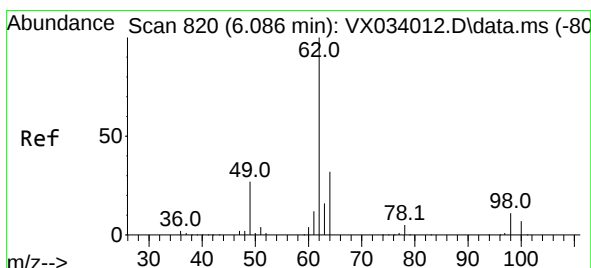
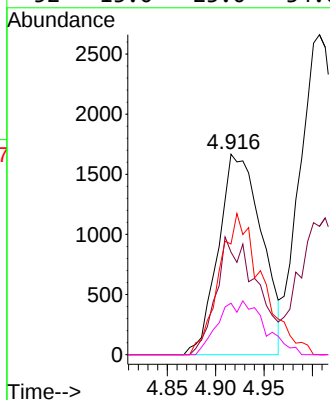
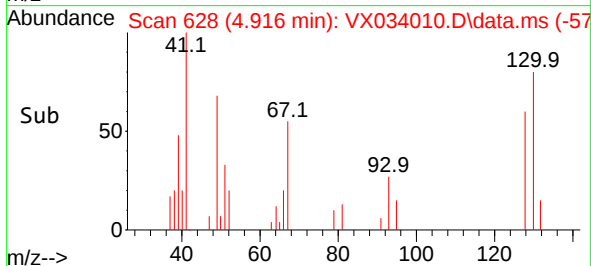
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 519
Ion Ratio Lower Upper
41 100
39 54.7 43.8 65.6
67 70.0 54.8 82.2
52 13.0 23.0 34.6#

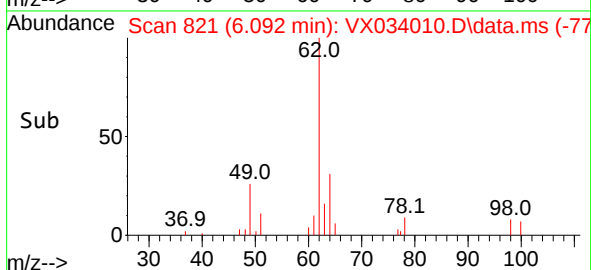
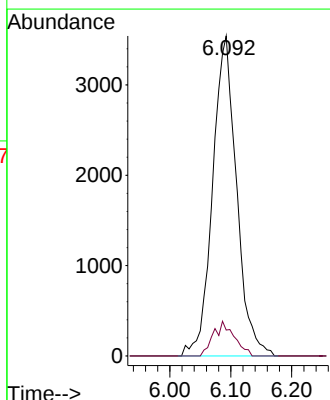
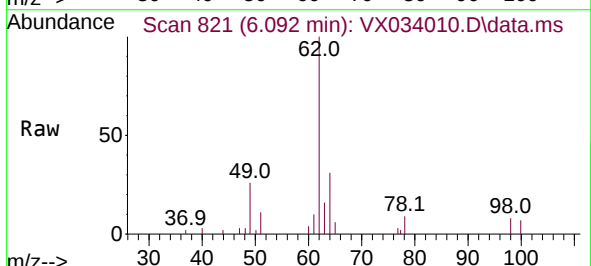
Manual Integrations
APPROVED

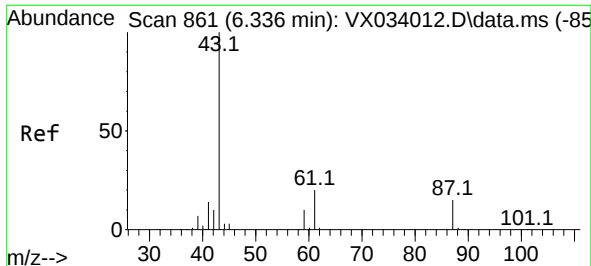
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#42
1,2-Dichloroethane
Concen: 4.509 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion: 62 Resp: 9686
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.2





#43

Isopropyl Acetate

Concen: 4.265 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

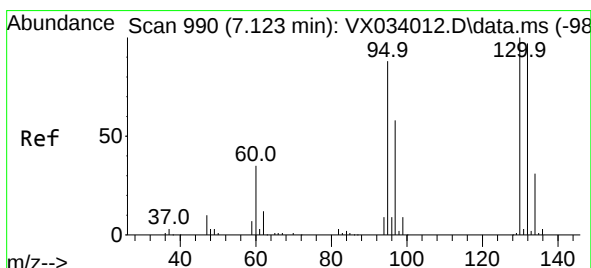
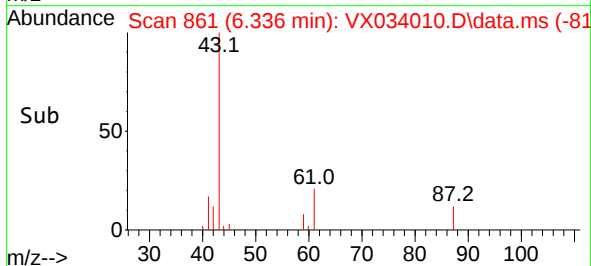
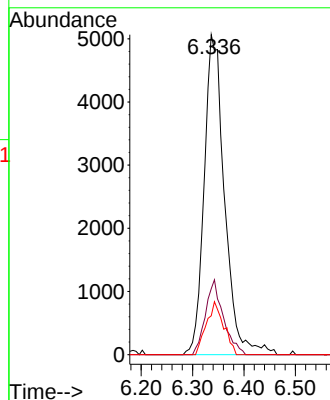
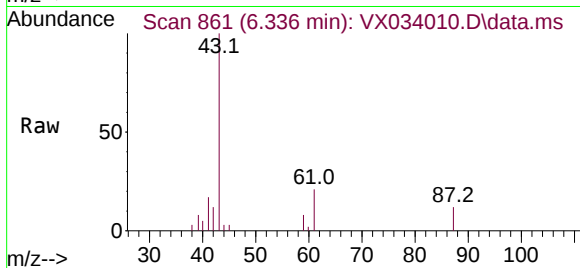
Tgt Ion: 43	Resp: 1396
Ion Ratio	Lower Upper
43 100	
61 20.5	15.7 23.5
87 14.1	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#44

Trichloroethene

Concen: 5.110 ug/l

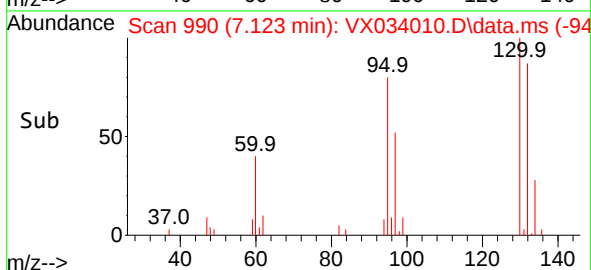
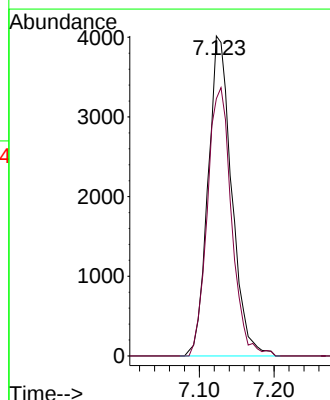
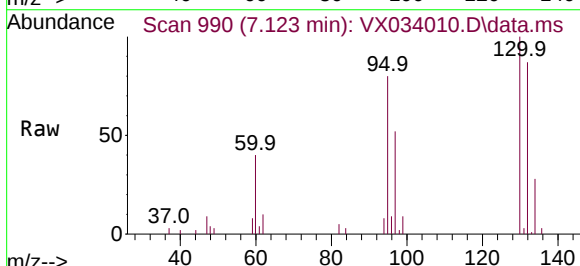
RT: 7.123 min Scan# 990

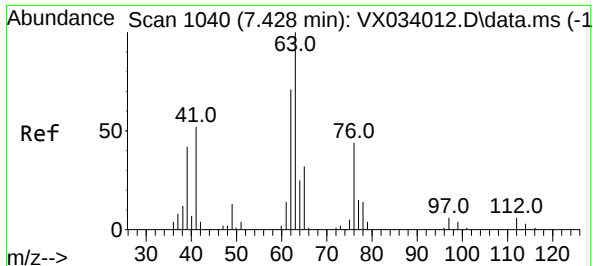
Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Tgt Ion:130	Resp: 8836
Ion Ratio	Lower Upper
130 100	
95 80.4	0.0 182.6





#45

1,2-Dichloropropane

Concen: 4.597 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 7000

Ion Ratio Lower Upper

63 100

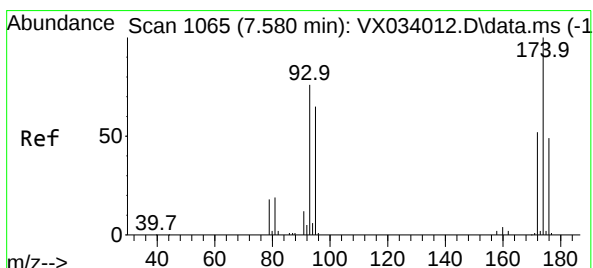
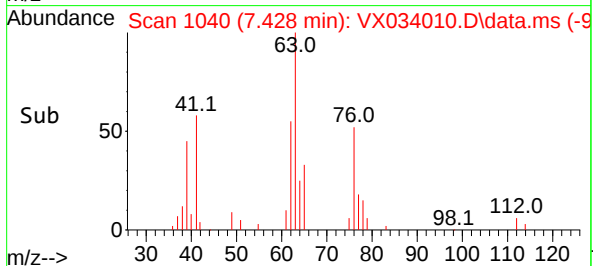
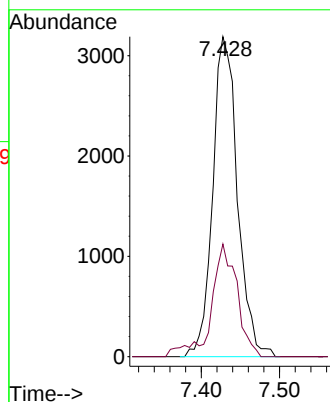
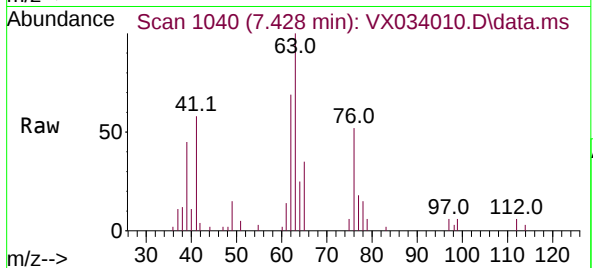
65 35.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#46

Dibromomethane

Concen: 4.540 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

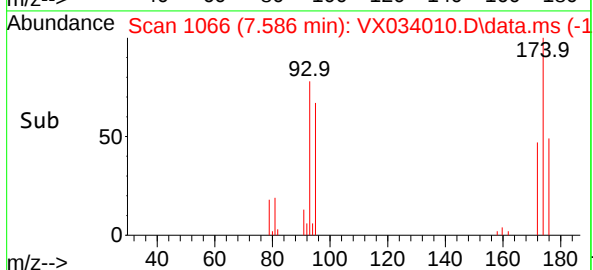
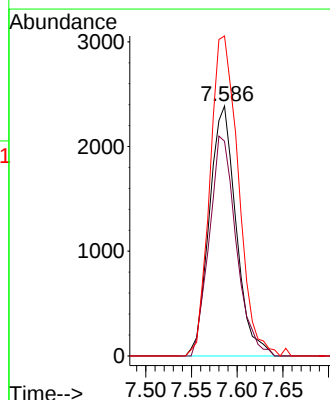
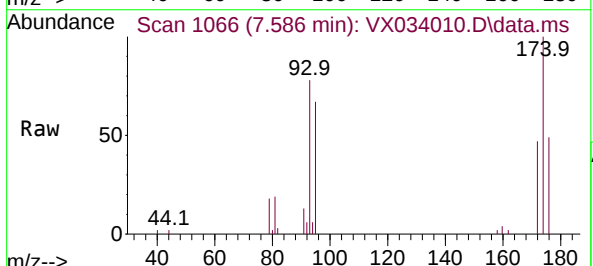
Tgt Ion: 93 Resp: 4857

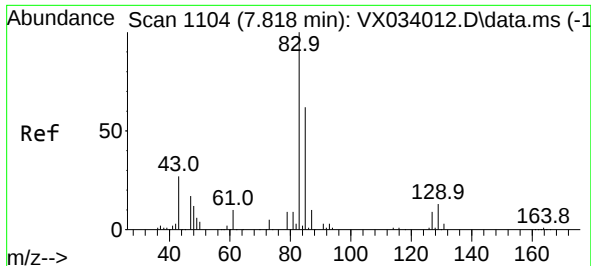
Ion Ratio Lower Upper

93 100

95 88.2 67.6 101.4

174 136.1 97.4 146.0





#47

Bromodichloromethane

Concen: 4.496 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

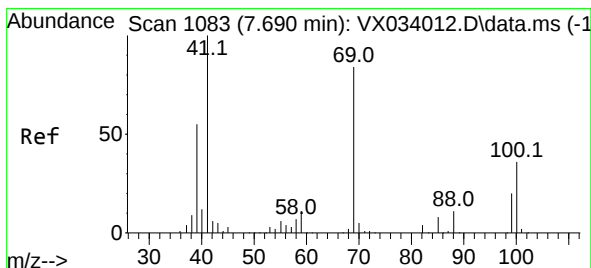
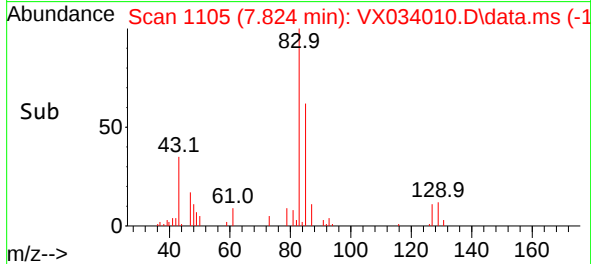
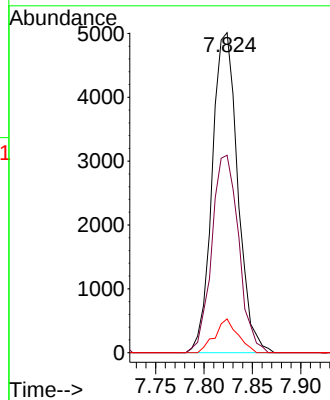
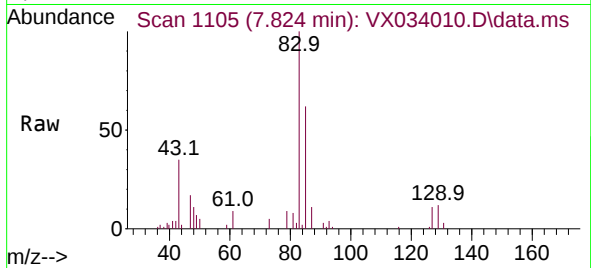
Tgt Ion: 83	Resp: 923
Ion Ratio	Lower Upper
83 100	
85 61.7	49.8 74.6
127 10.6	7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#48

Methyl methacrylate

Concen: 4.351 ug/l

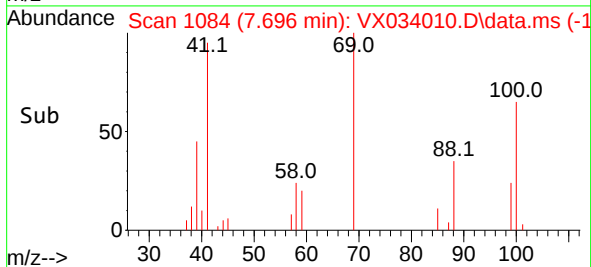
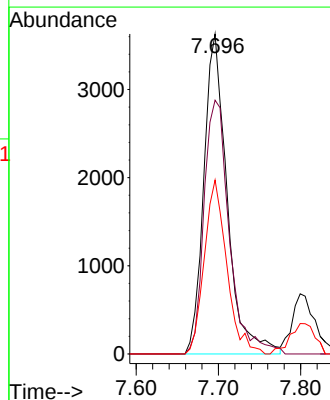
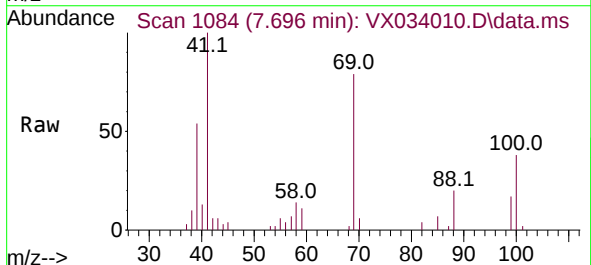
RT: 7.696 min Scan# 1084

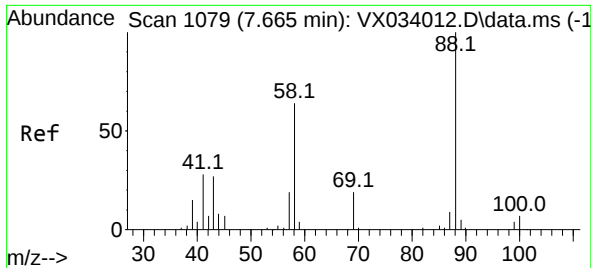
Delta R.T. 0.006 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Tgt Ion: 41	Resp: 7159
Ion Ratio	Lower Upper
41 100	
69 85.7	63.1 94.7
39 52.4	43.2 64.8





#49
1,4-Dioxane
Concen: 79.745 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.018 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

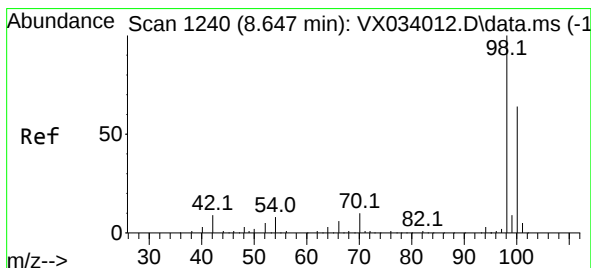
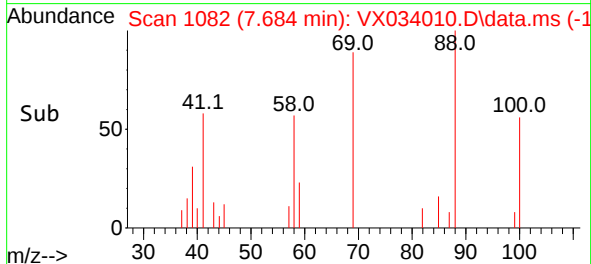
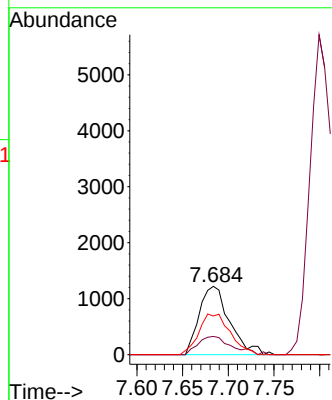
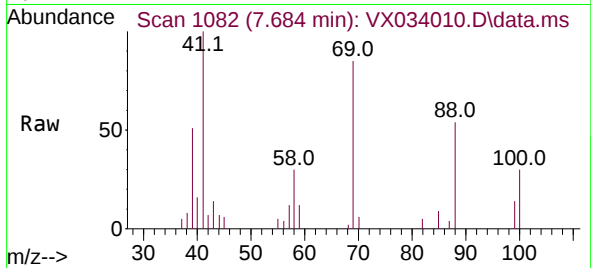
VSTDICC005

Tgt Ion: 88 Resp: 282
Ion Ratio Lower Upper
88 100
43 29.5 0.0 0.0
58 61.2 56.5 84.7

Manual Integrations

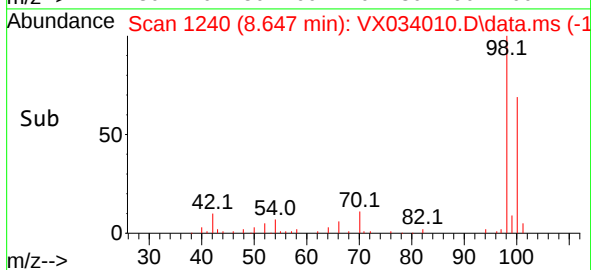
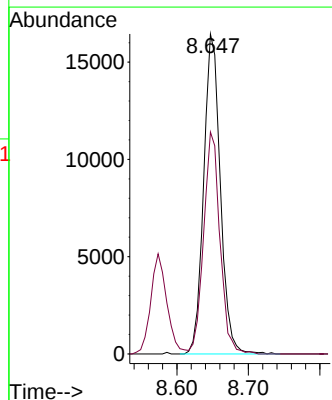
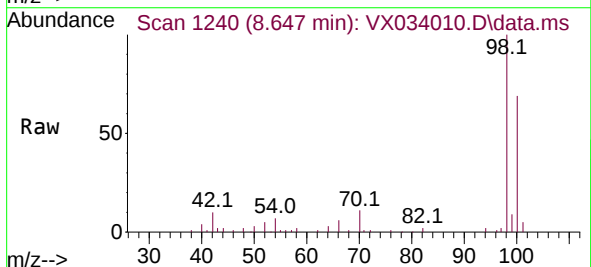
APPROVED

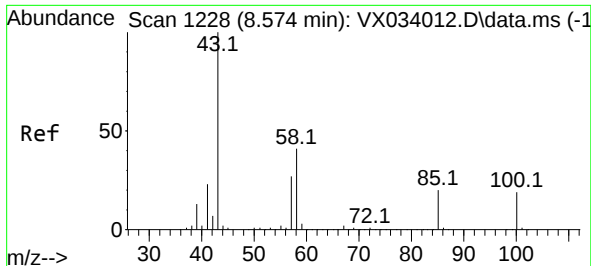
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#50
Toluene-d8
Concen: 5.077 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

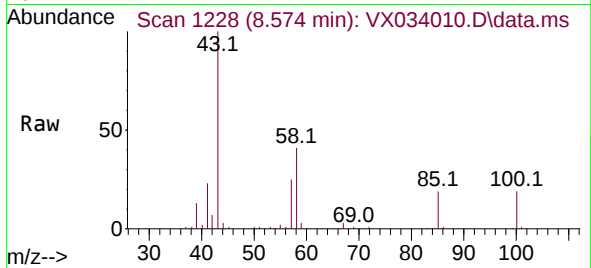
Tgt Ion: 98 Resp: 26614
Ion Ratio Lower Upper
98 100
100 68.0 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 22.664 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

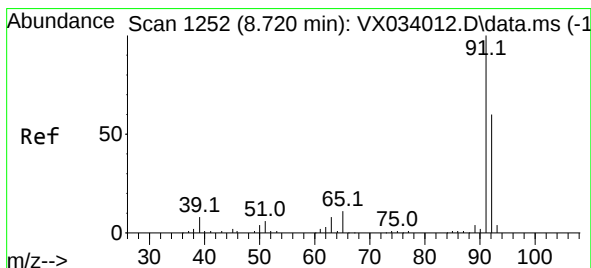
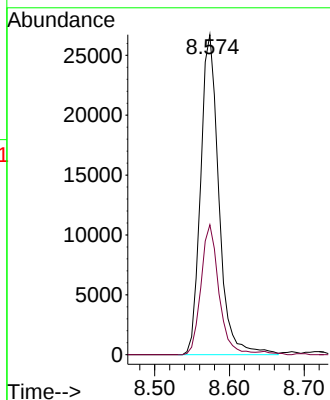
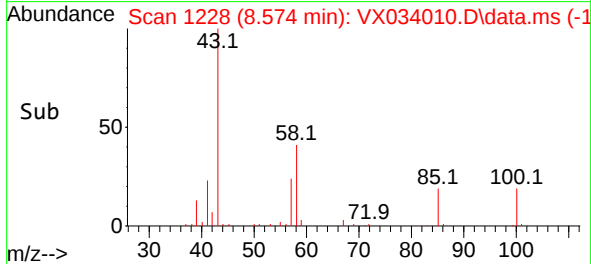
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



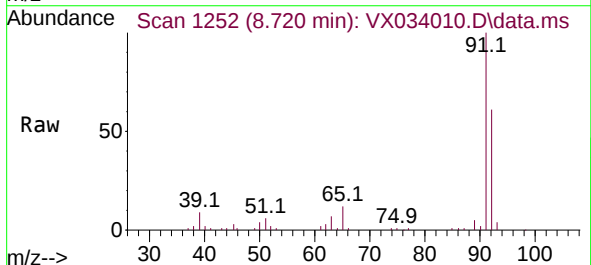
Tgt Ion: 43 Resp: 4536
Ion Ratio Lower Upper
43 100
58 39.9 31.2 46.8

Manual Integrations
APPROVED

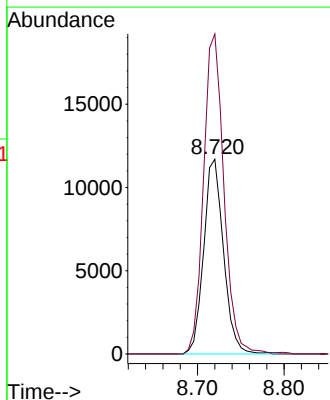
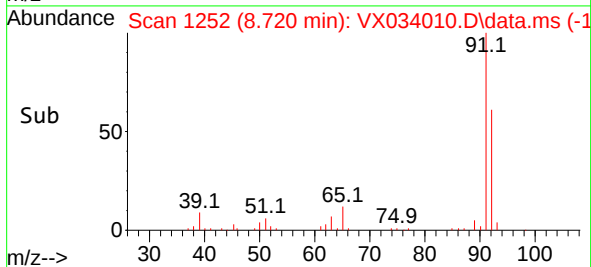
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

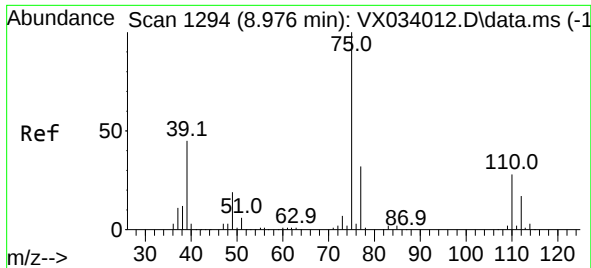


#52
Toluene
Concen: 4.732 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09



Tgt Ion: 92 Resp: 18622
Ion Ratio Lower Upper
92 100
91 168.4 135.5 203.3





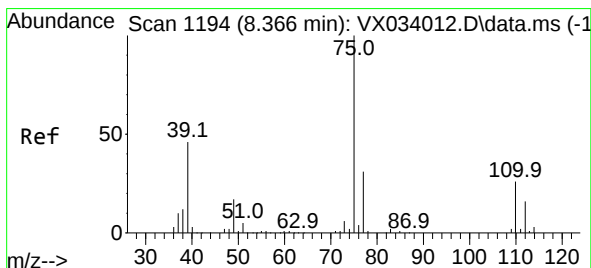
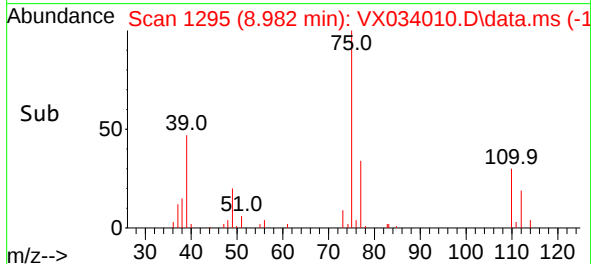
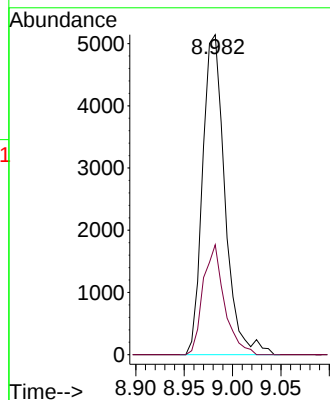
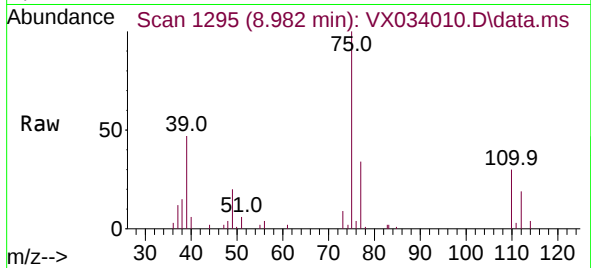
#53
 t-1,3-Dichloropropene
 Concen: 4.033 ug/l
 RT: 8.982 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VX034010.D
 Acq: 03 Feb 2023 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 8274
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.5 38.3

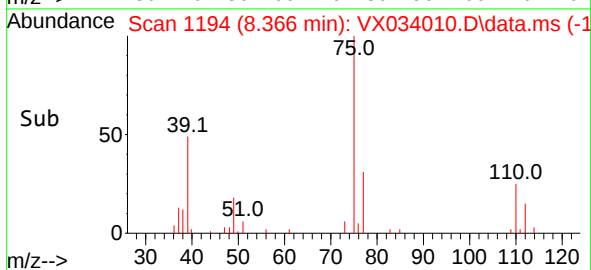
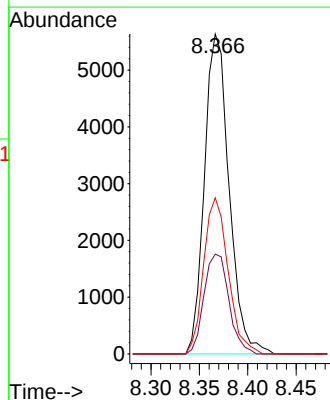
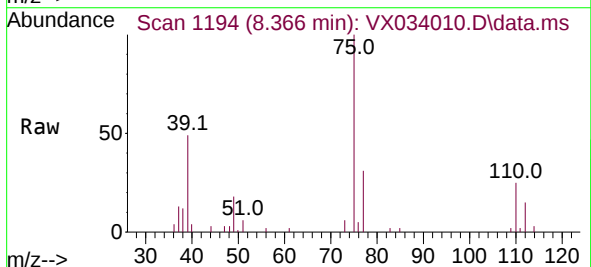
Manual Integrations
 APPROVED

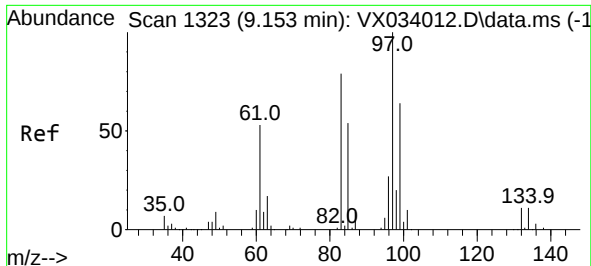
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 4.339 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034010.D
 Acq: 03 Feb 2023 15:09

Tgt Ion: 75 Resp: 9996
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6
 39 48.8 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 4.640 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

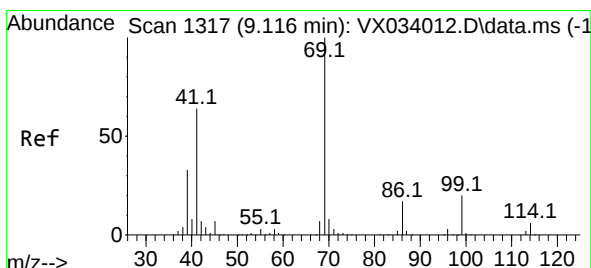
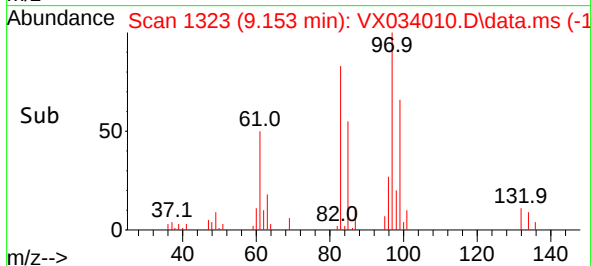
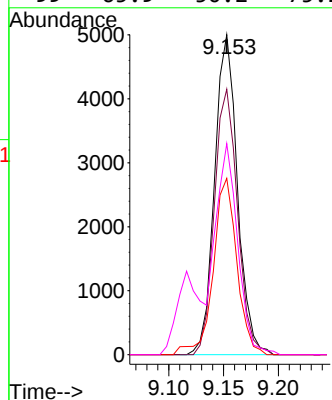
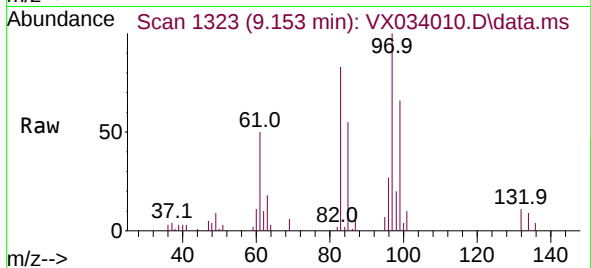
Tgt Ion: 97	Resp: 725
Ion Ratio	Lower Upper
97 100	
83 83.0	67.4 101.0
85 55.1	43.2 64.8
99 65.9	50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#56

Ethyl methacrylate

Concen: 4.351 ug/l

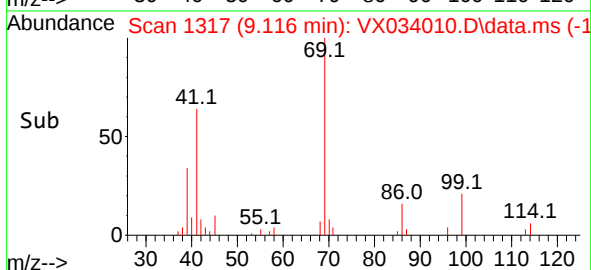
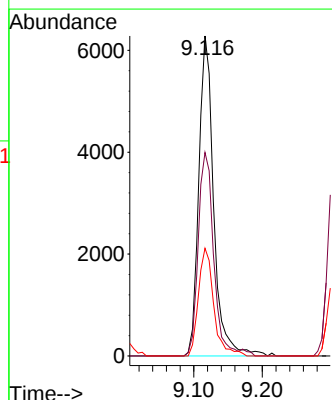
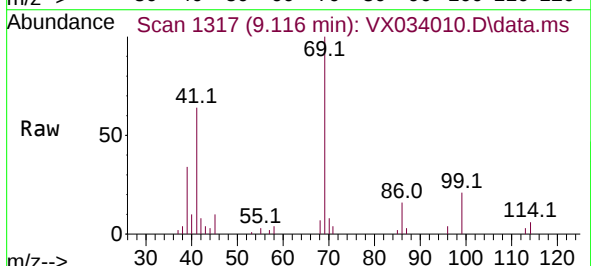
RT: 9.116 min Scan# 1317

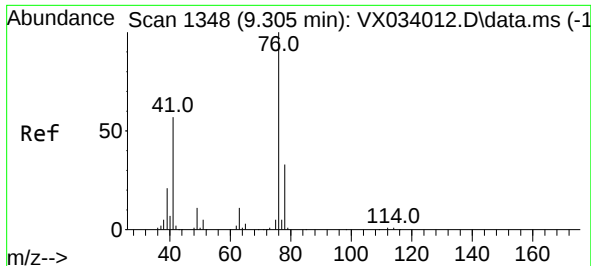
Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Tgt Ion: 69	Resp: 9532
Ion Ratio	Lower Upper
69 100	
41 66.4	55.1 82.7
39 34.6	28.5 42.7





#57

1,3-Dichloropropane

Concen: 4.884 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 12308

Ion Ratio Lower Upper

76 100

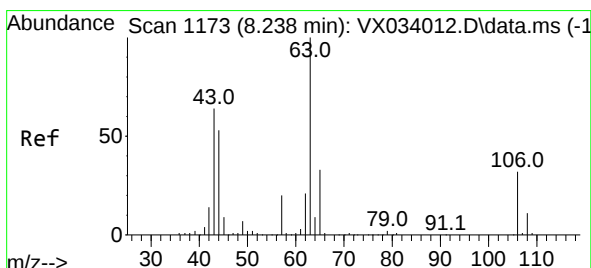
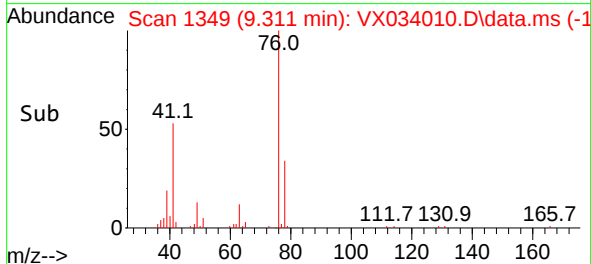
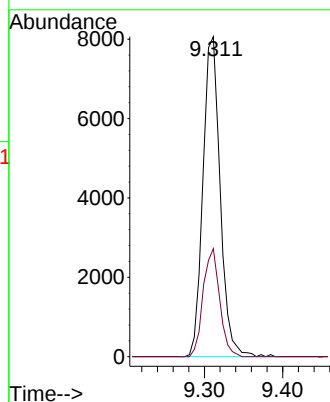
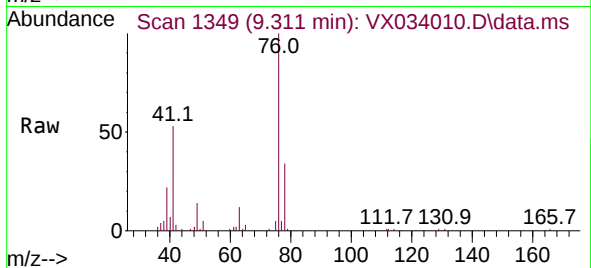
78 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 22.188 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034010.D

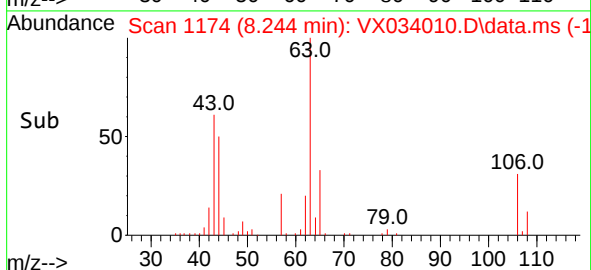
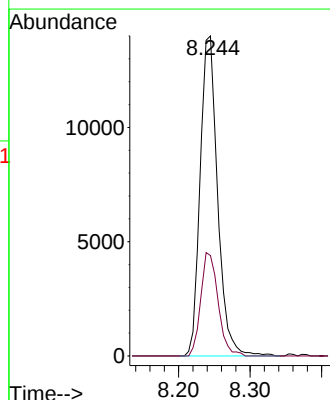
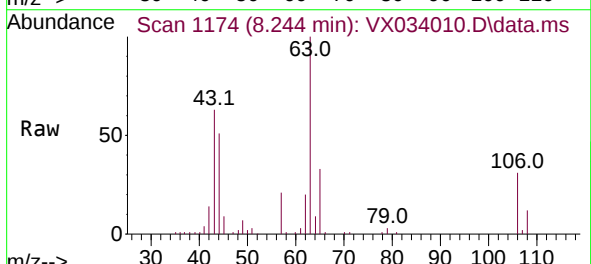
Acq: 03 Feb 2023 15:09

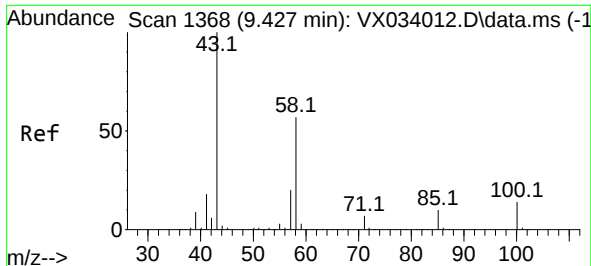
Tgt Ion: 63 Resp: 23756

Ion Ratio Lower Upper

63 100

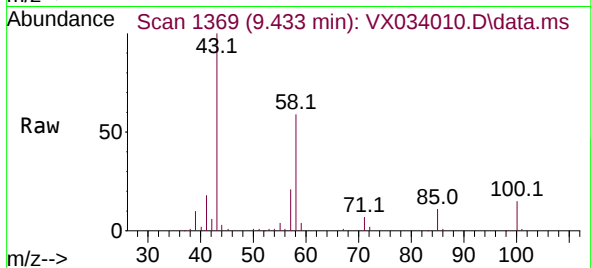
106 31.9 24.5 36.7





#59
2-Hexanone
Concen: 23.132 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

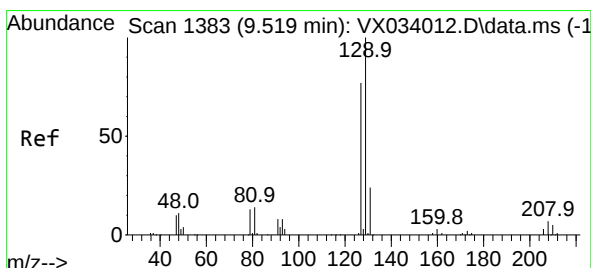
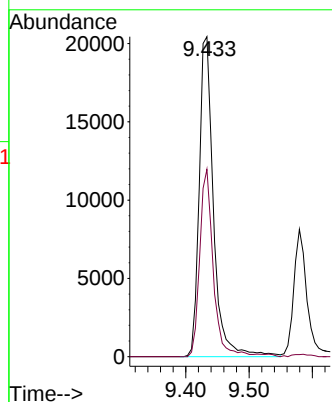
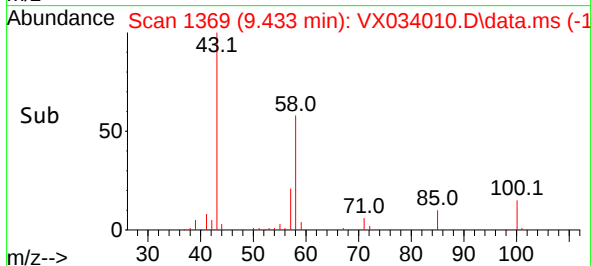
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 3220
Ion Ratio Lower Upper
43 100
58 55.1 27.4 82.0

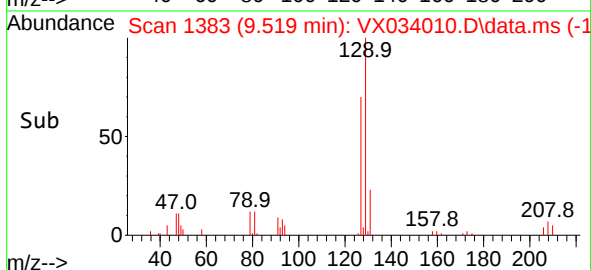
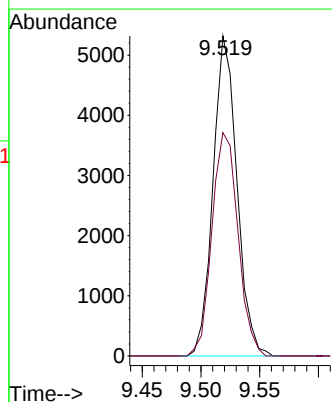
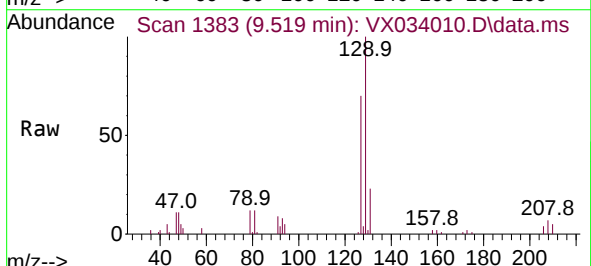
Manual Integrations
APPROVED

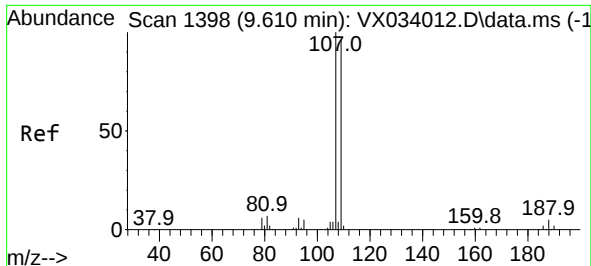
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#60
Dibromochloromethane
Concen: 4.628 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion:129 Resp: 7522
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.3





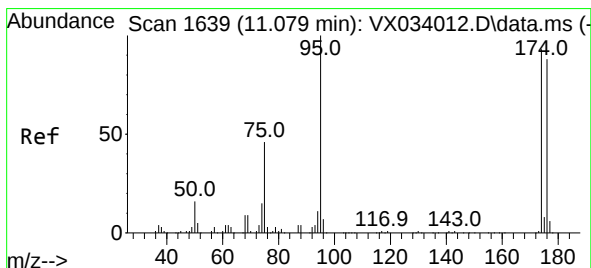
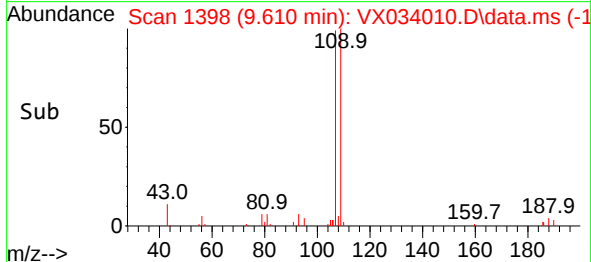
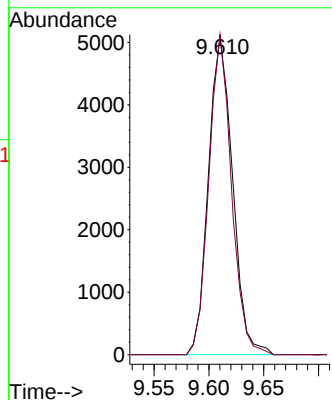
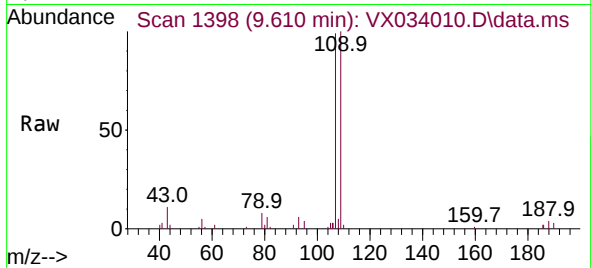
#61
1,2-Dibromoethane
Concen: 5.024 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 781
Ion Ratio Lower Upper
107 100
109 94.2 74.2 111.2

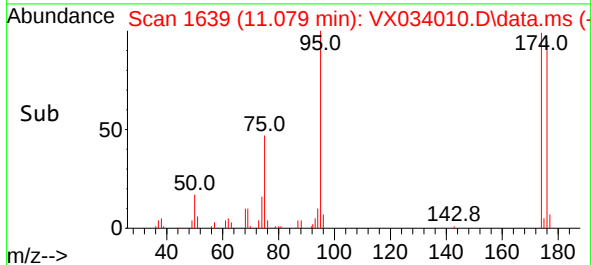
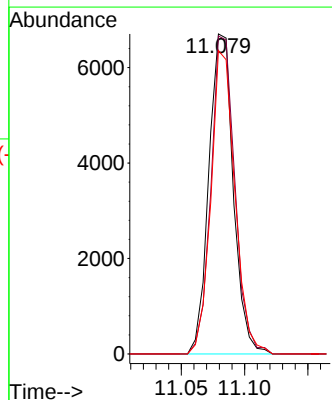
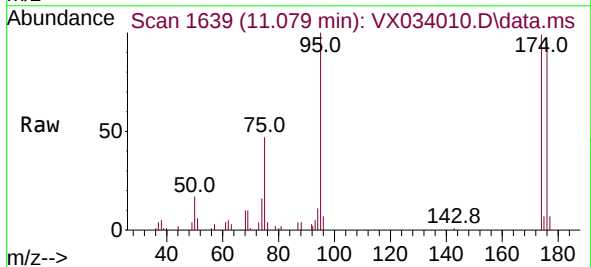
Manual Integrations
APPROVED

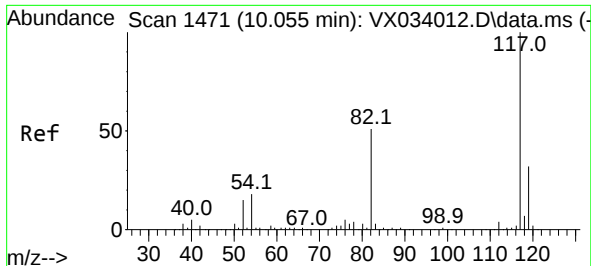
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#62
4-Bromofluorobenzene
Concen: 4.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

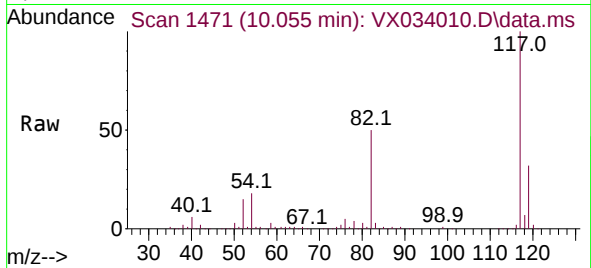
Tgt Ion: 95 Resp: 9000
Ion Ratio Lower Upper
95 100
174 97.2 0.0 184.4
176 93.0 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

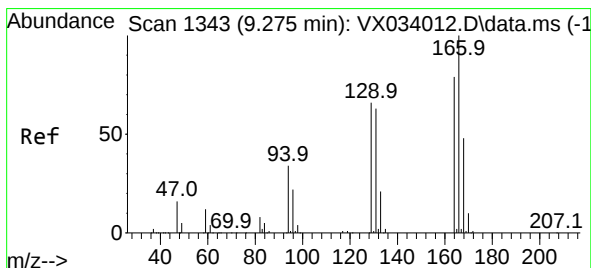
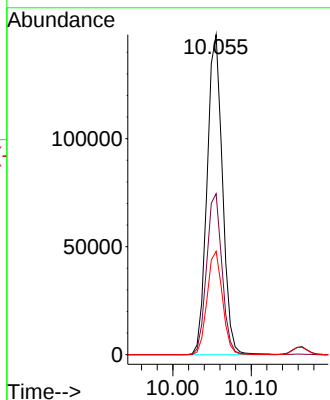
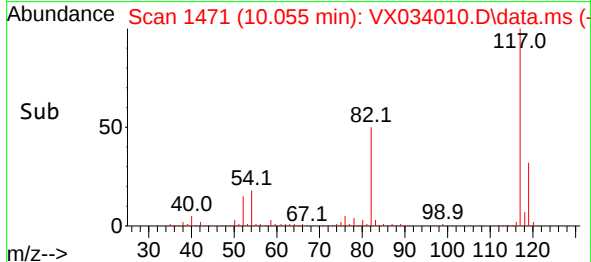
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 201504
Ion Ratio Lower Upper
117 100
82 50.3 40.6 60.8
119 32.3 25.6 38.4

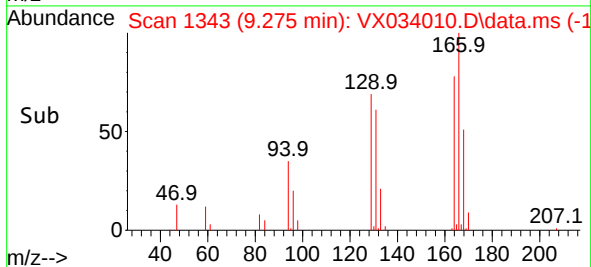
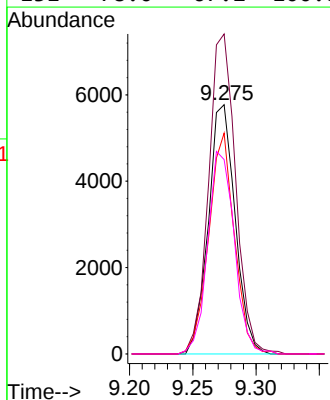
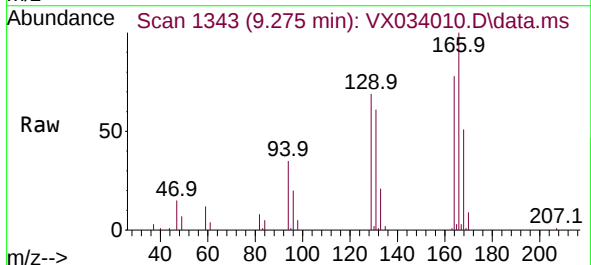
Manual Integrations
APPROVED

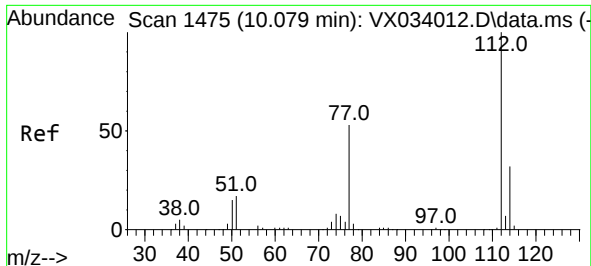
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#64
Tetrachloroethene
Concen: 5.418 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion:164 Resp: 8514
Ion Ratio Lower Upper
164 100
166 128.4 100.2 150.2
129 88.6 69.2 103.8
131 78.0 67.2 100.8





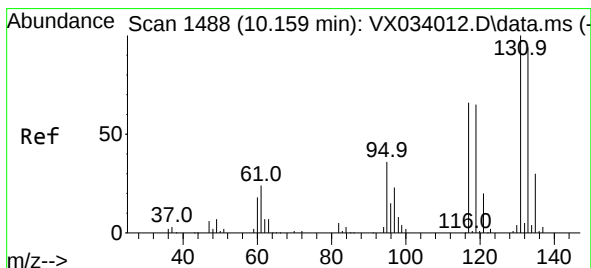
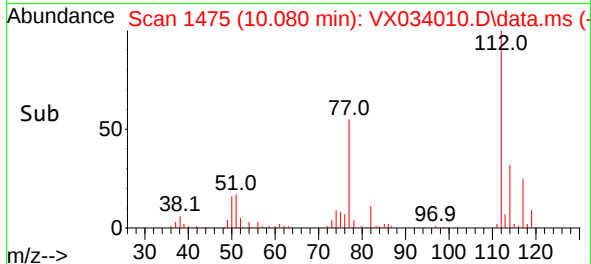
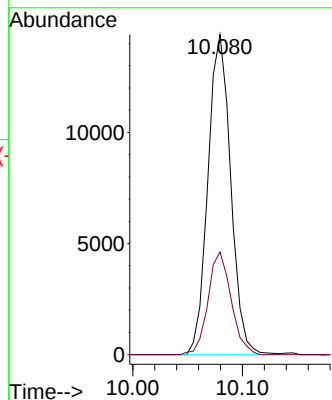
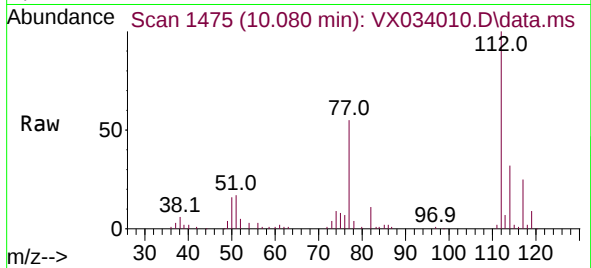
#65
Chlorobenzene
Concen: 4.956 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2079
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4

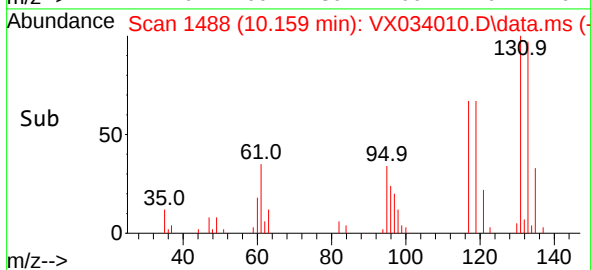
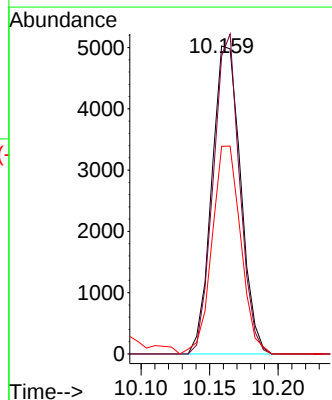
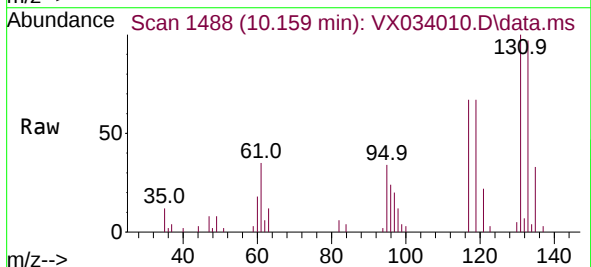
Manual Integrations
APPROVED

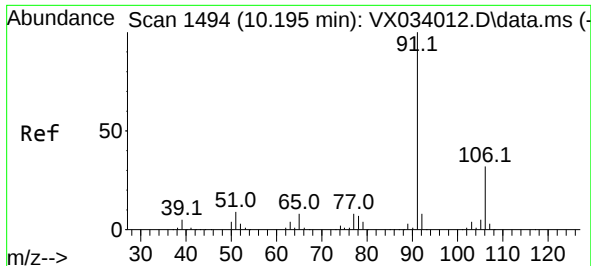
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.734 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion:131 Resp: 7340
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.0
119 66.9 31.9 95.7





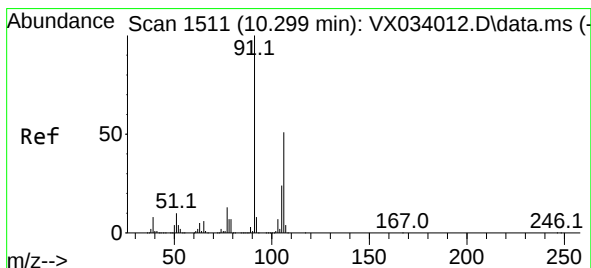
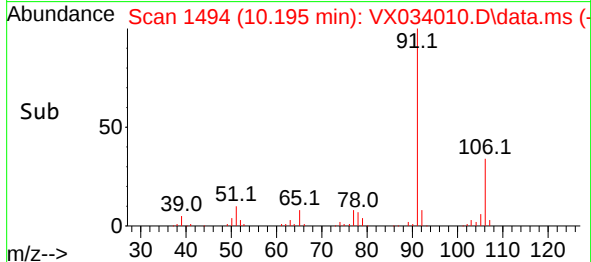
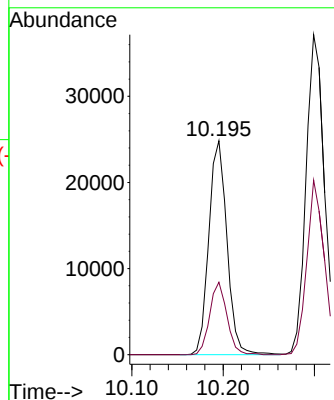
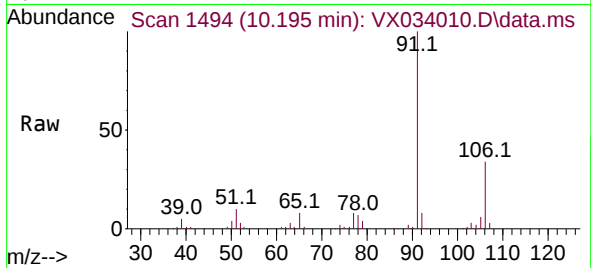
#67
Ethyl Benzene
Concen: 4.779 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 34238
Ion Ratio Lower Upper
91 100
106 33.9 25.8 38.8

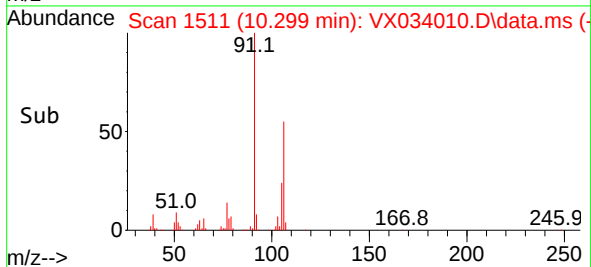
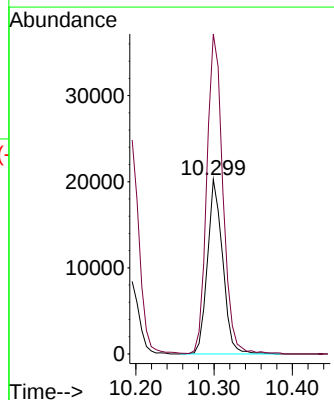
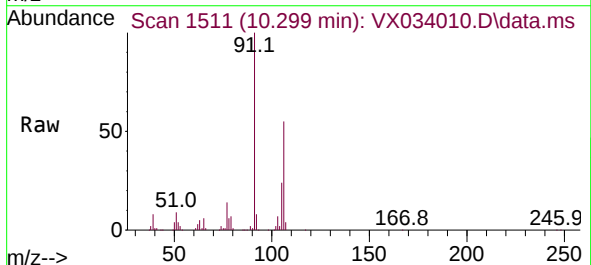
Manual Integrations
APPROVED

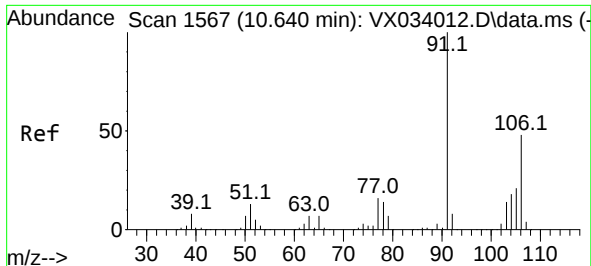
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#68
m/p-Xylenes
Concen: 9.709 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion:106 Resp: 27281
Ion Ratio Lower Upper
106 100
91 194.1 156.4 234.6





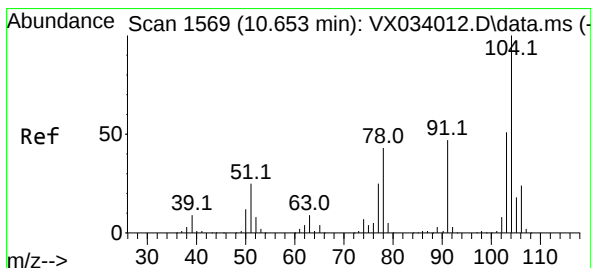
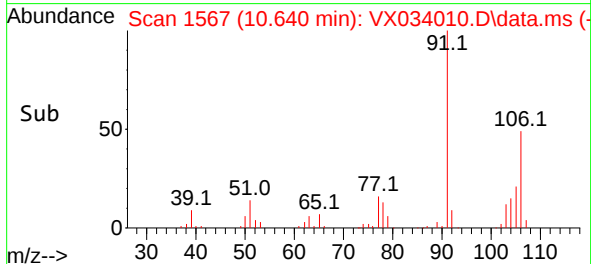
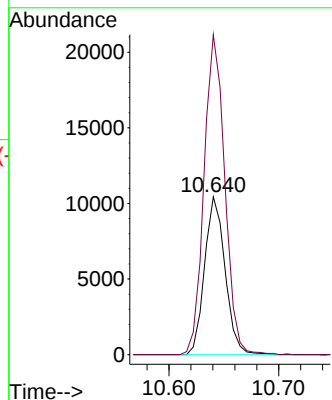
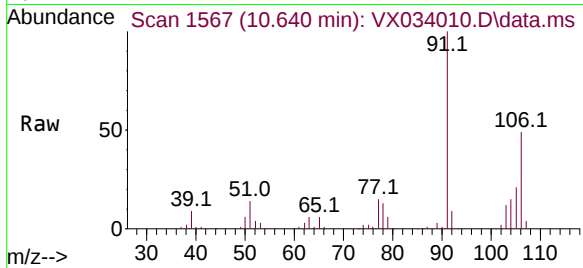
#69
o-Xylene
Concen: 4.892 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 13570
Ion Ratio Lower Upper
106 100
91 205.5 103.1 309.3

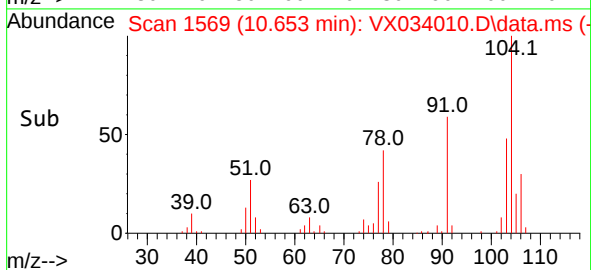
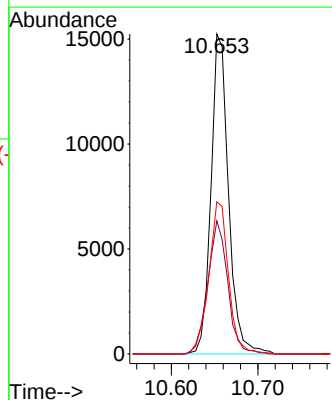
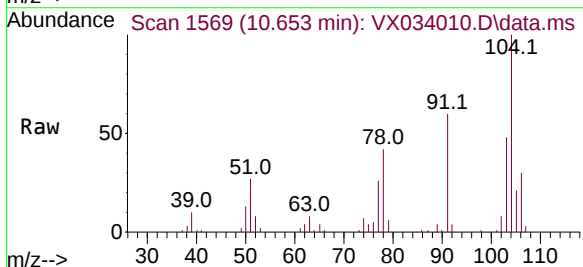
Manual Integrations
APPROVED

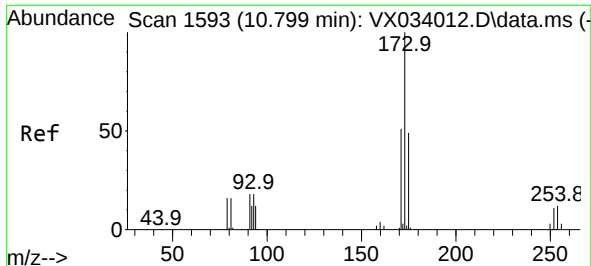
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#70
Styrene
Concen: 4.753 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

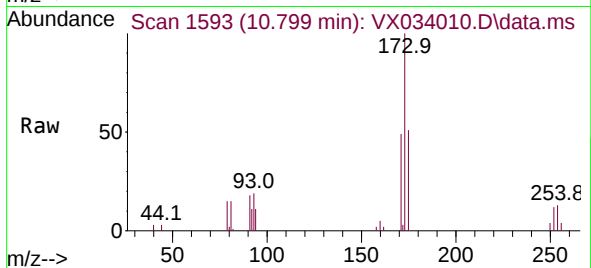
Tgt Ion:104 Resp: 21438
Ion Ratio Lower Upper
104 100
78 47.2 37.5 56.3
103 53.3 43.3 64.9





#71
Bromoform
Concen: 4.326 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

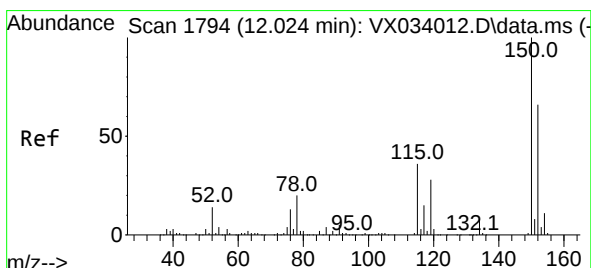
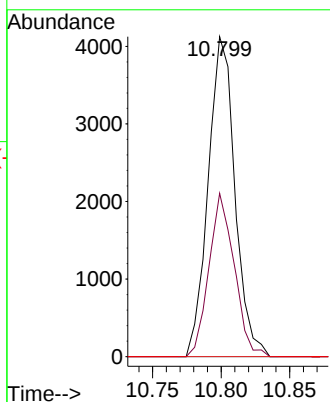
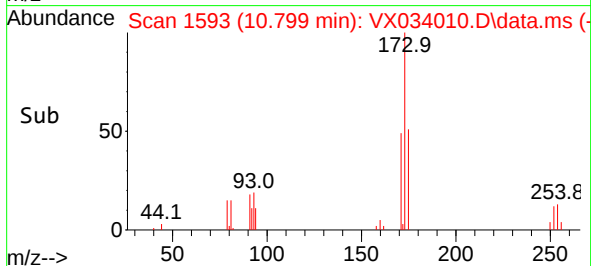
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



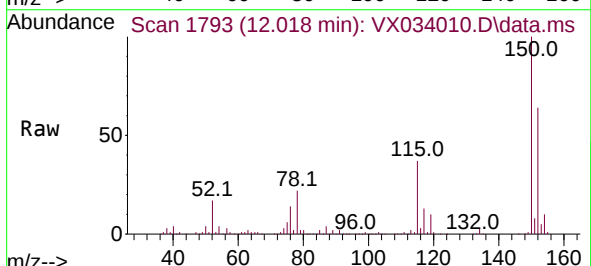
Tgt Ion:173 Resp: 560
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

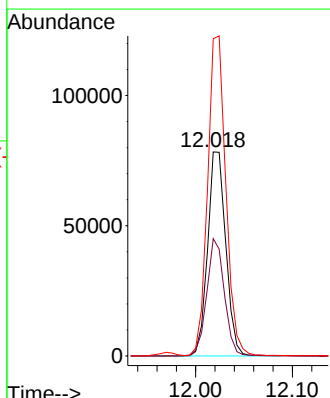
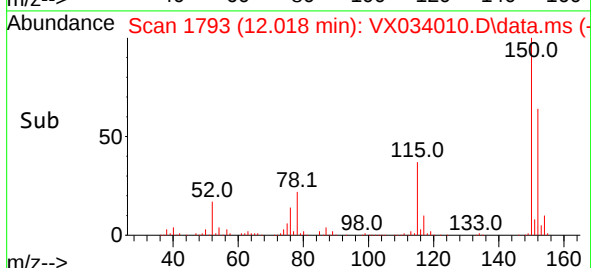
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

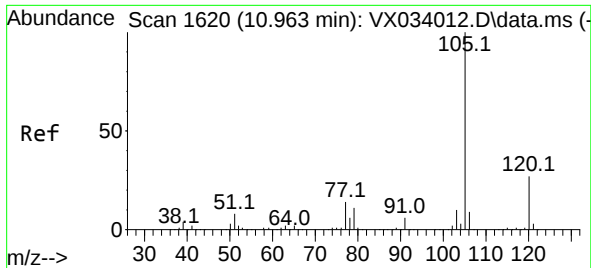


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09



Tgt Ion:152 Resp: 102618
Ion Ratio Lower Upper
152 100
115 55.7 38.7 116.1
150 156.7 0.0 348.2





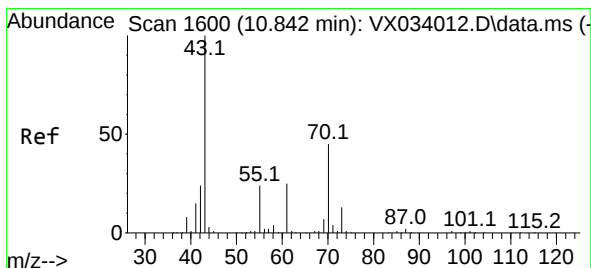
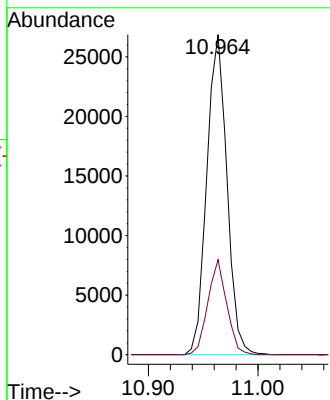
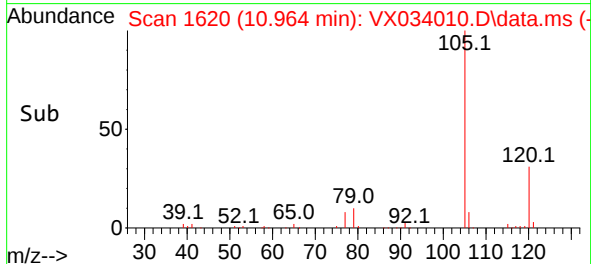
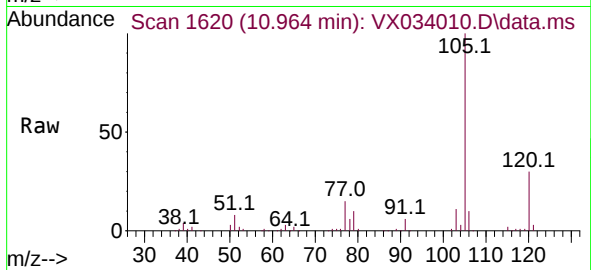
#73
Isopropylbenzene
Concen: 4.576 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 3432
Ion Ratio Lower Upper
105 100
120 27.7 13.6 40.8

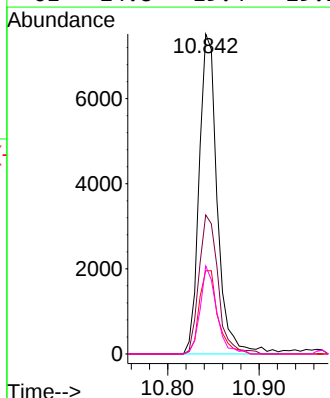
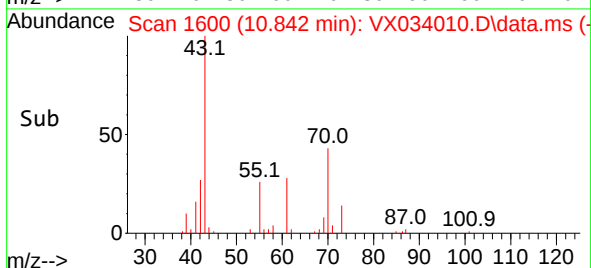
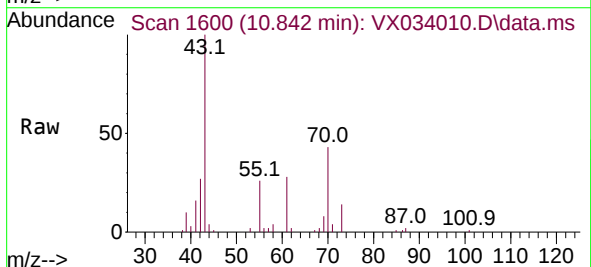
Manual Integrations
APPROVED

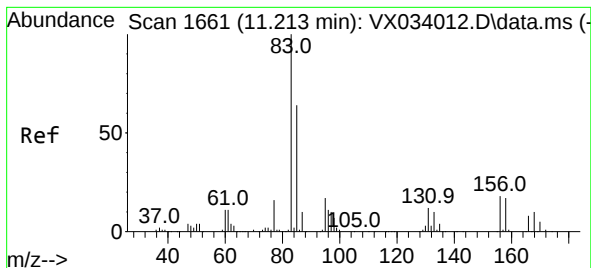
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#74
N-ethyl acetate
Concen: 3.904 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion: 43 Resp: 10362
Ion Ratio Lower Upper
43 100
70 45.7 34.8 52.2
55 26.7 19.4 29.0
61 24.8 19.4 29.2





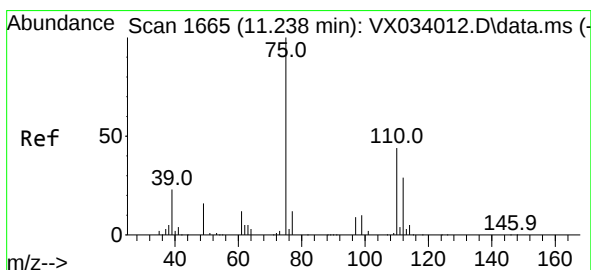
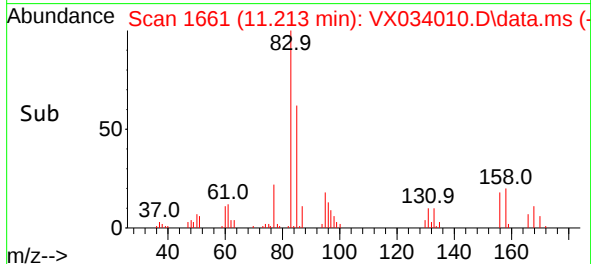
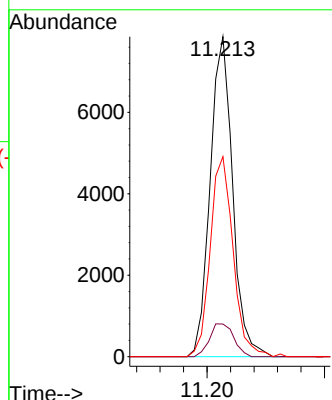
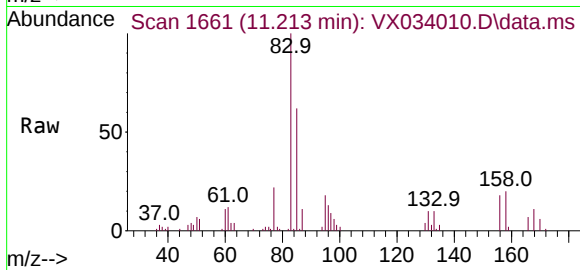
#75
1,1,2,2-Tetrachloroethane
Concen: 4.630 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 10410
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.7
85 63.9 32.3 96.9

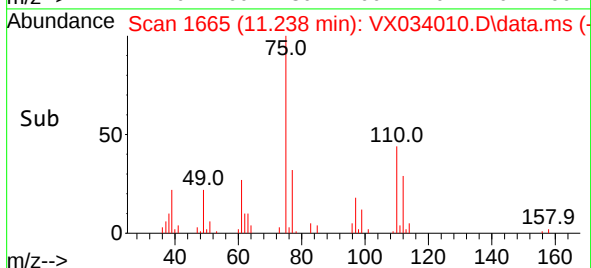
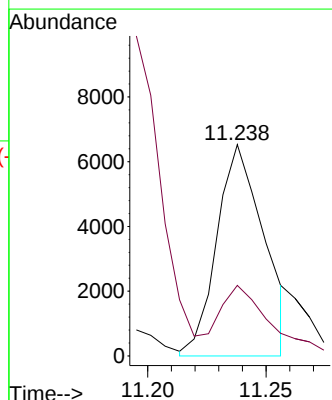
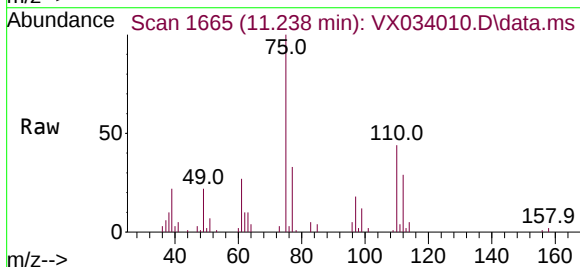
Manual Integrations
APPROVED

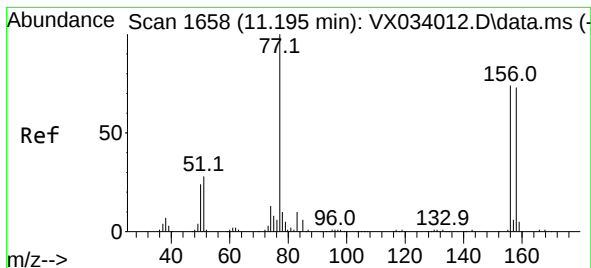
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#76
1,2,3-Trichloropropane
Concen: 4.789 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion: 75 Resp: 9032
Ion Ratio Lower Upper
75 100
77 38.2 21.8 65.4





#77

Bromobenzene

Concen: 4.591 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

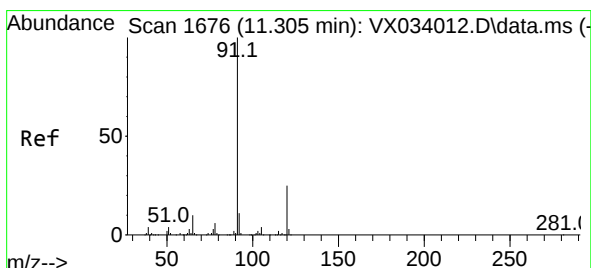
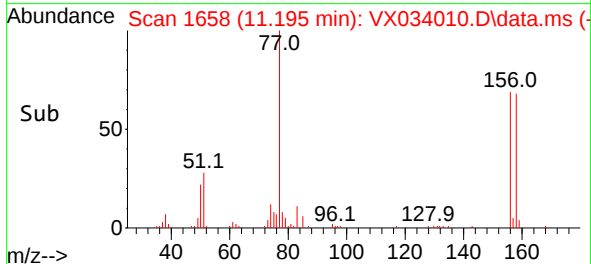
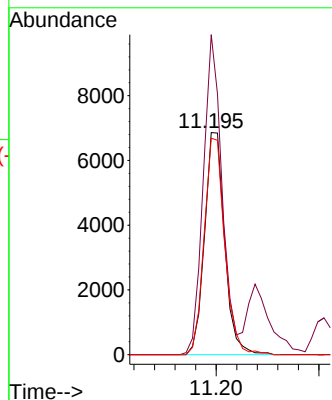
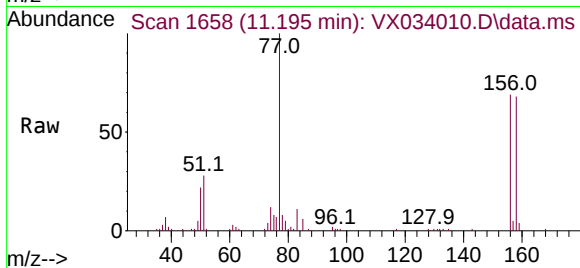
Tgt Ion:	156	Resp:	933
Ion Ratio	Lower	Upper	
156	100		
77	133.6	68.1	204.3
158	99.9	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#78

n-propylbenzene

Concen: 4.404 ug/l

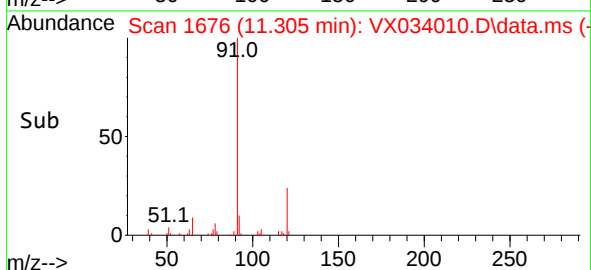
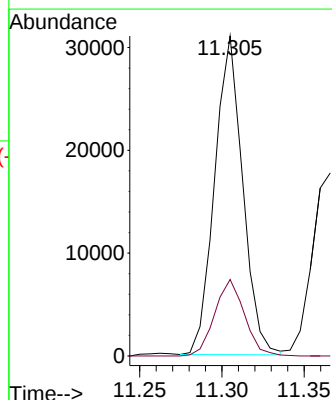
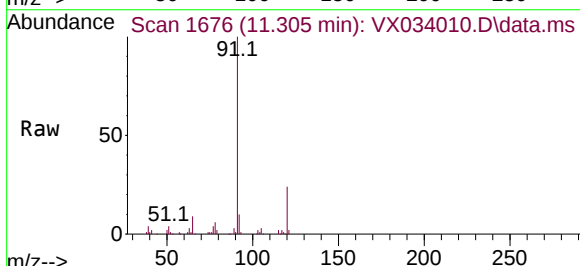
RT: 11.305 min Scan# 1676

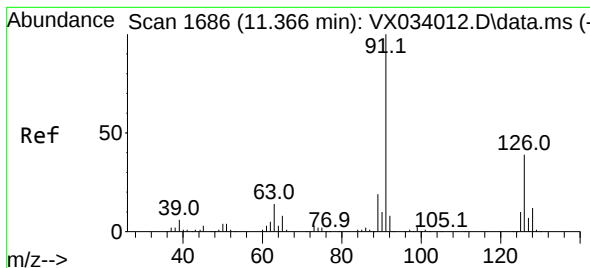
Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Tgt Ion:	91	Resp:	36786
Ion Ratio	Lower	Upper	
91	100		
120	25.4	12.3	36.8





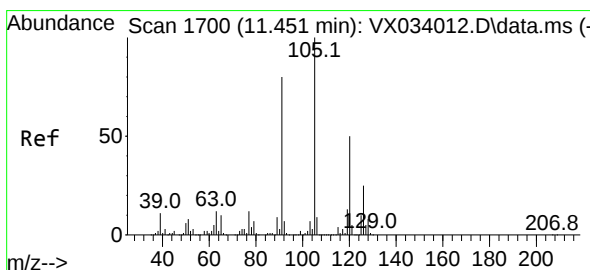
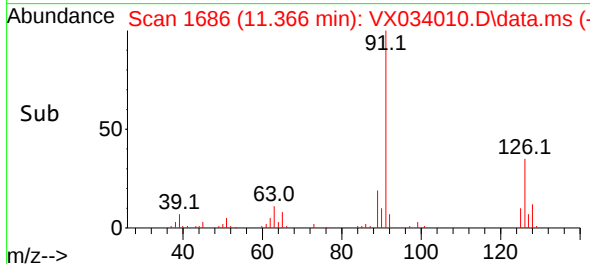
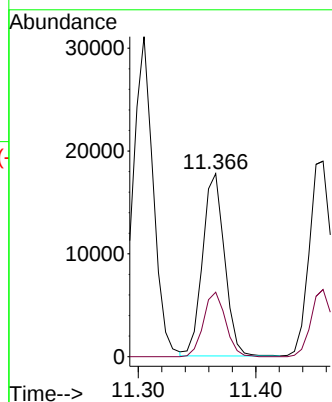
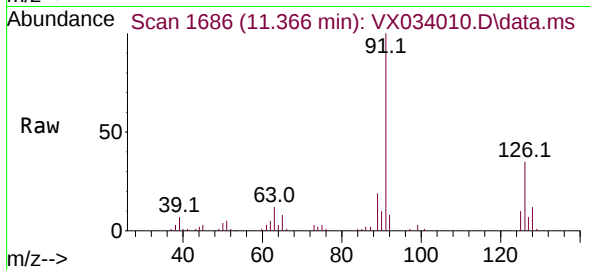
#79
2-Chlorotoluene
Concen: 4.526 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2300
Ion Ratio Lower Upper
91 100
126 35.6 18.1 54.1

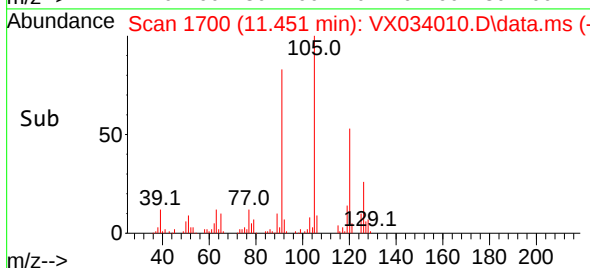
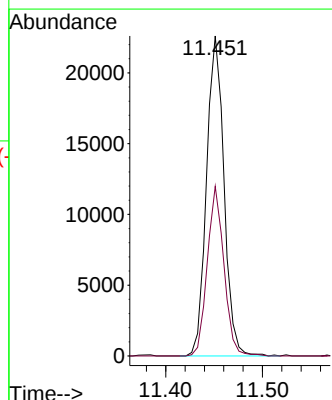
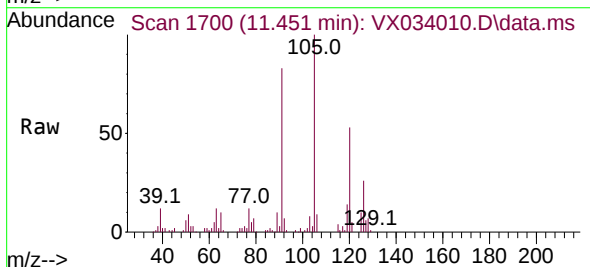
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.597 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

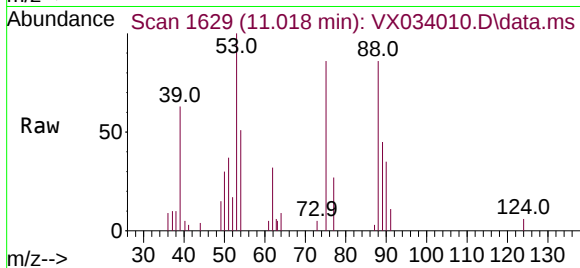
Tgt Ion:105 Resp: 28480
Ion Ratio Lower Upper
105 100
120 50.5 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 3.666 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

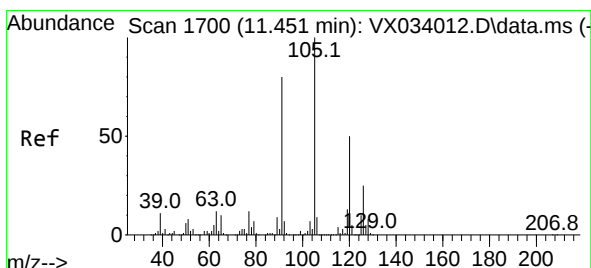
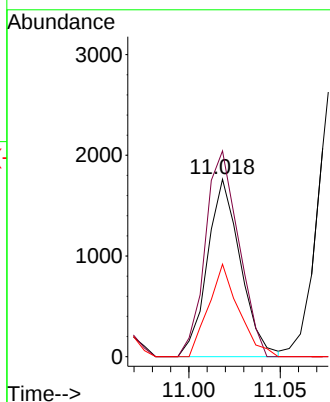
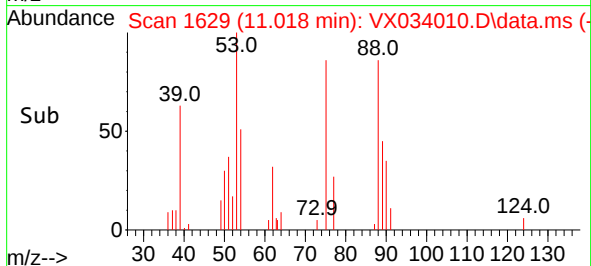
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 2228
Ion Ratio Lower Upper
75 100
53 117.1 83.0 124.6
89 47.6 37.7 56.5

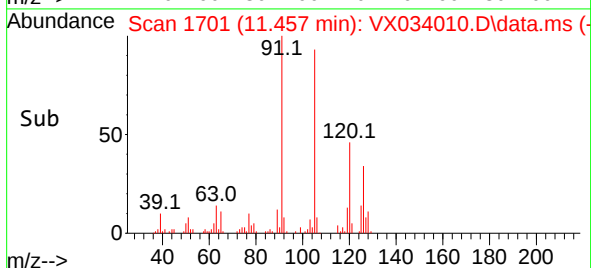
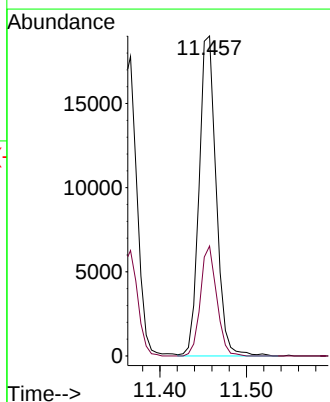
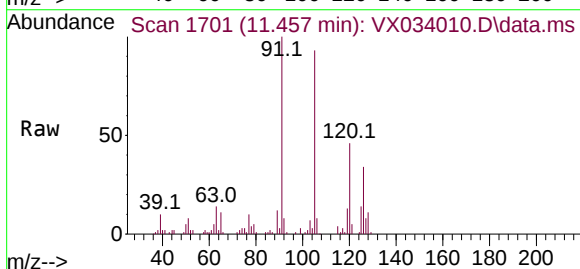
Manual Integrations
APPROVED

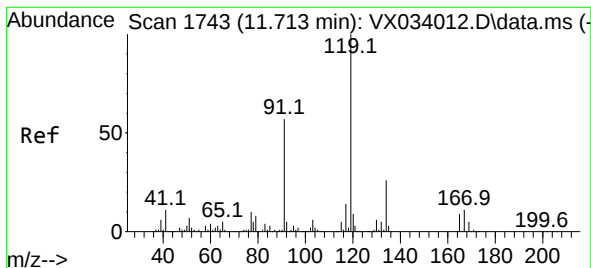
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#82
4-Chlorotoluene
Concen: 4.512 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion: 91 Resp: 26038
Ion Ratio Lower Upper
91 100
126 32.7 15.8 47.4





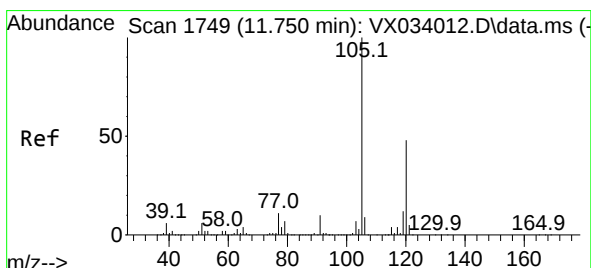
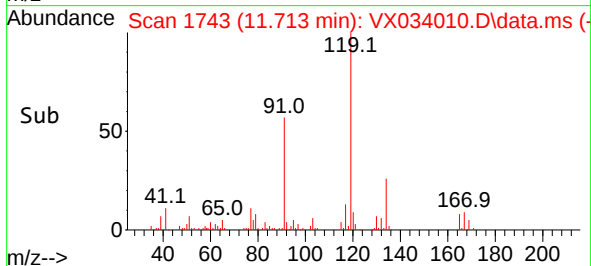
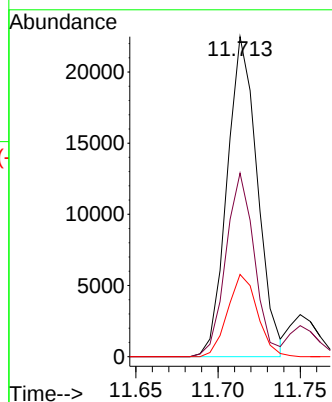
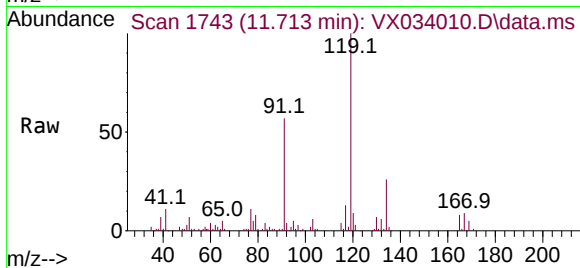
#83
tert-Butylbenzene
Concen: 4.718 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 2886
Ion Ratio Lower Upper
119 100
91 54.2 26.9 80.7
134 25.3 12.3 36.8

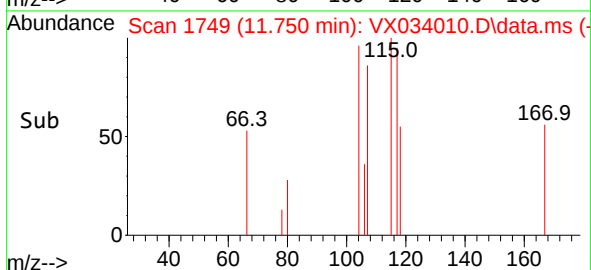
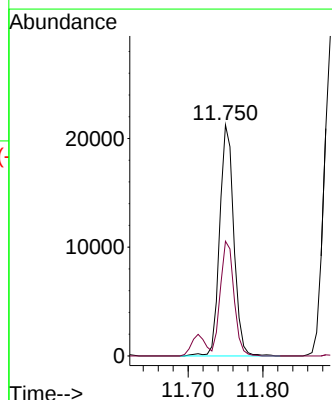
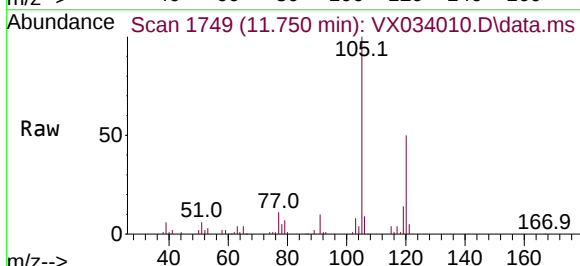
Manual Integrations
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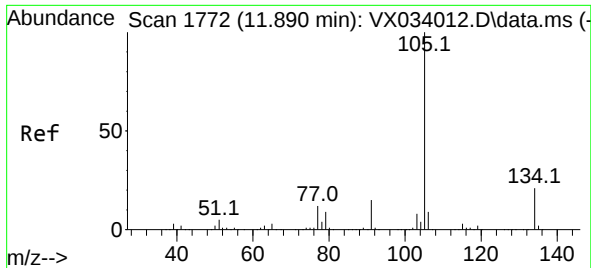
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 4.785 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Tgt Ion:105 Resp: 27928
Ion Ratio Lower Upper
105 100
120 48.1 23.4 70.2





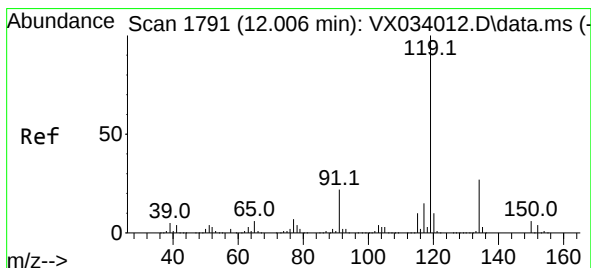
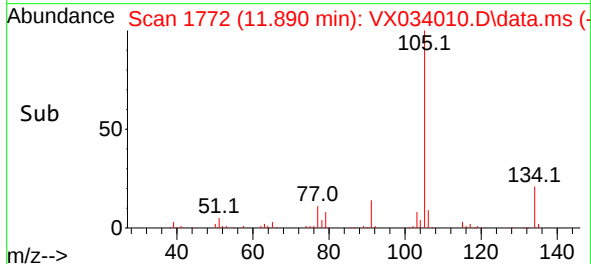
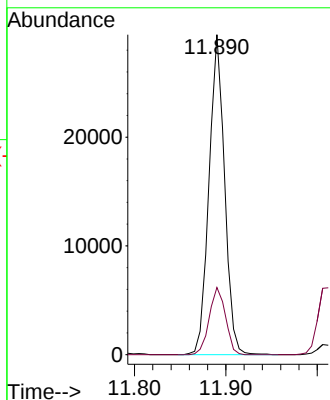
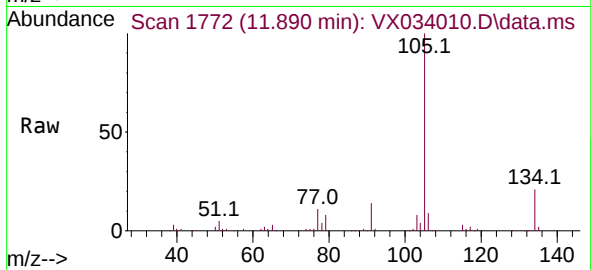
#85
 sec-Butylbenzene
 Concen: 4.743 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034010.D
 Acq: 03 Feb 2023 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 34714
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.8 32.3

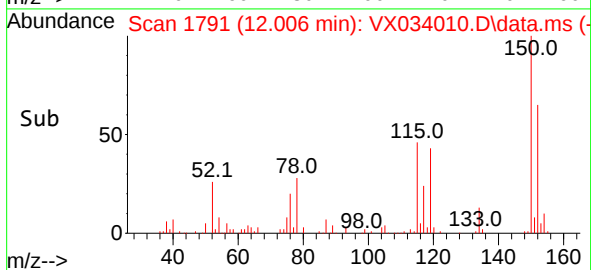
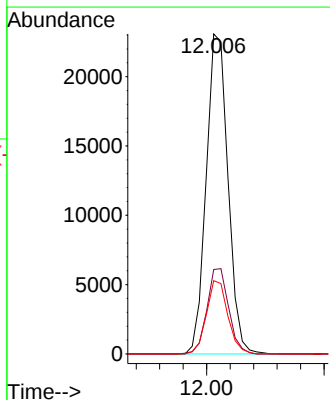
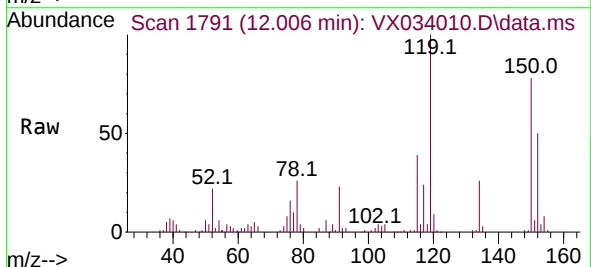
Manual Integrations
 APPROVED

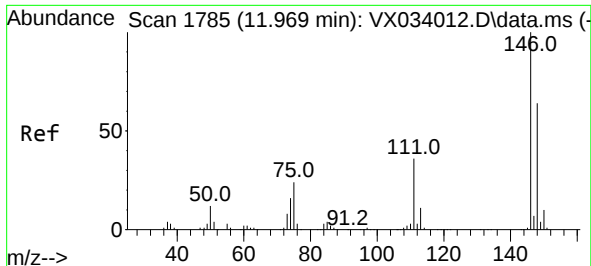
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#86
 p-Isopropyltoluene
 Concen: 4.737 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034010.D
 Acq: 03 Feb 2023 15:09

Tgt Ion:119 Resp: 29731
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.8
 91 22.5 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 4.979 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

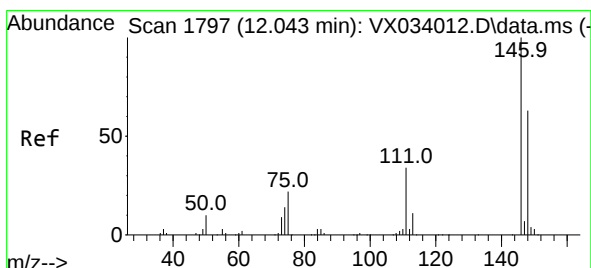
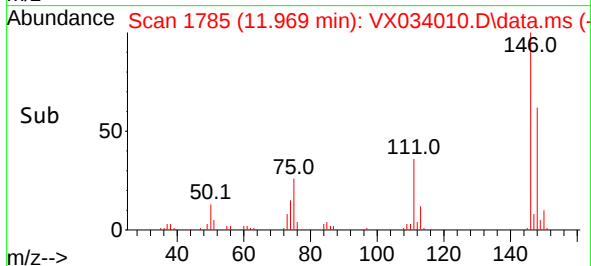
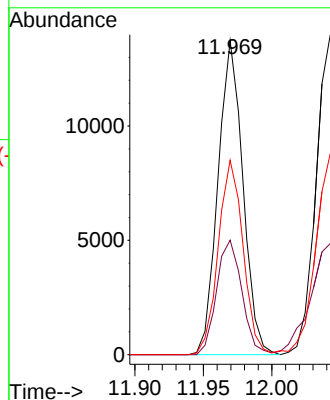
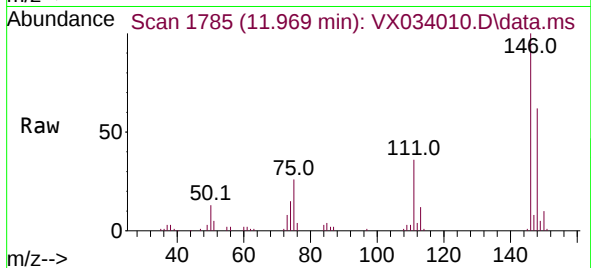
Tgt Ion:146 Resp: 17338
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.6
 148 61.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#88

1,4-Dichlorobenzene

Concen: 4.934 ug/l

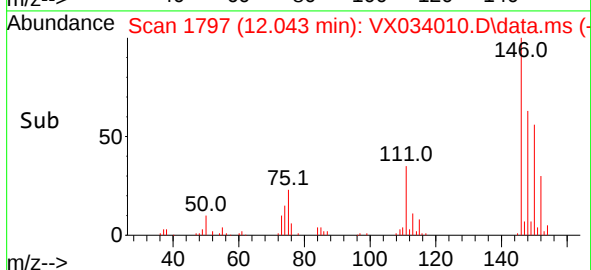
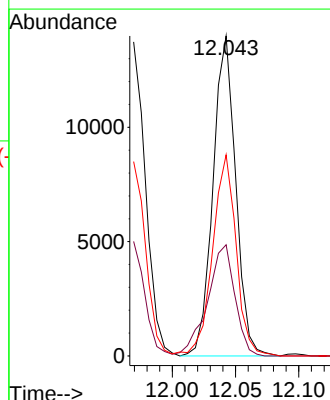
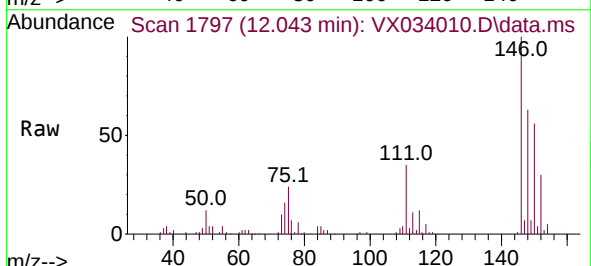
RT: 12.043 min Scan# 1797

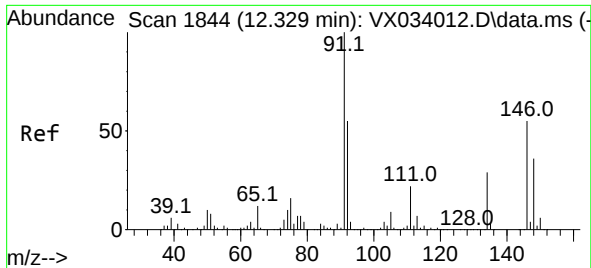
Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Tgt Ion:146 Resp: 17475
 Ion Ratio Lower Upper
 146 100
 111 41.8 17.8 53.4
 148 65.3 32.1 96.3





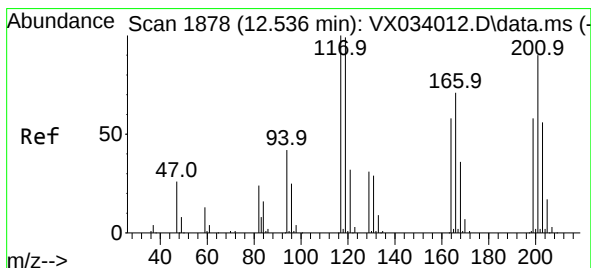
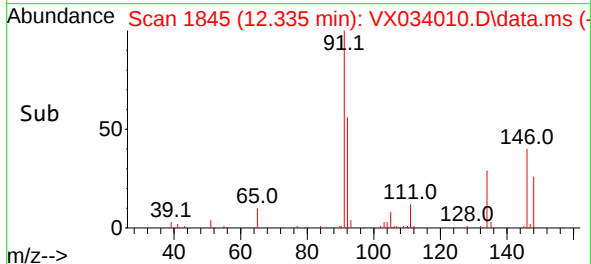
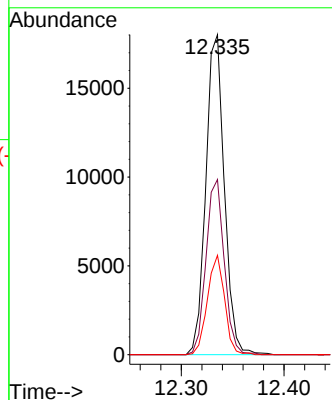
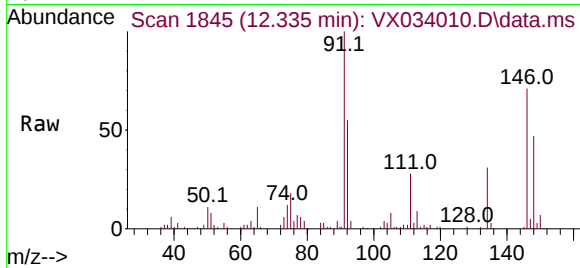
#89
n-Butylbenzene
Concen: 4.427 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 2260
Ion Ratio Lower Upper
91 100
92 53.9 27.5 82.5
134 28.8 14.3 42.9

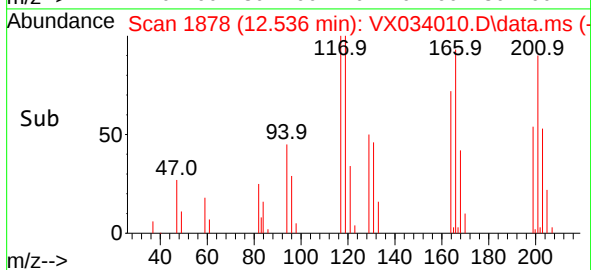
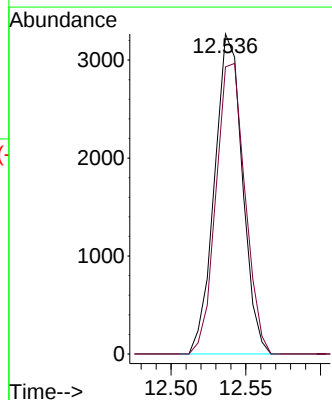
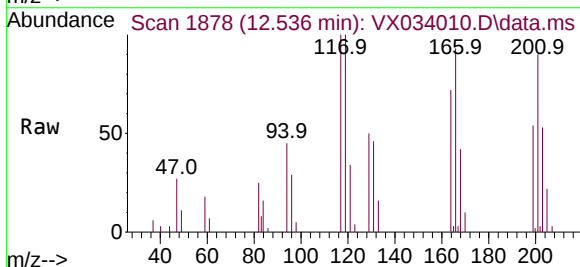
Manual Integrations
APPROVED

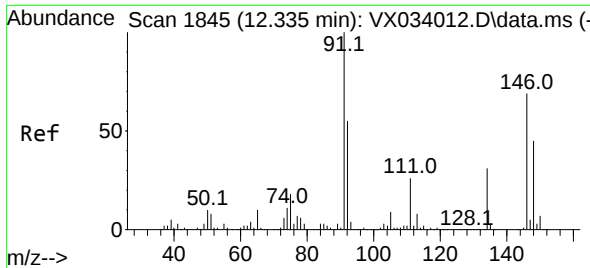
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#90
Hexachloroethane
Concen: 4.144 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

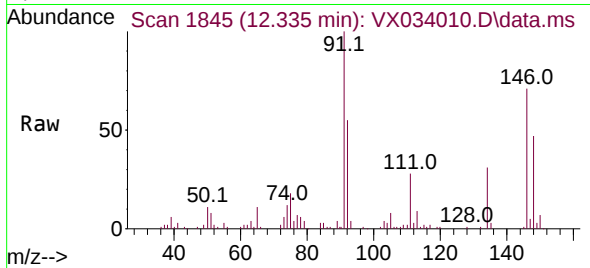
Tgt Ion:117 Resp: 4240
Ion Ratio Lower Upper
117 100
201 94.6 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 4.936 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

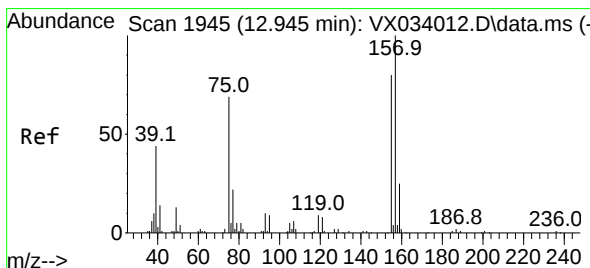
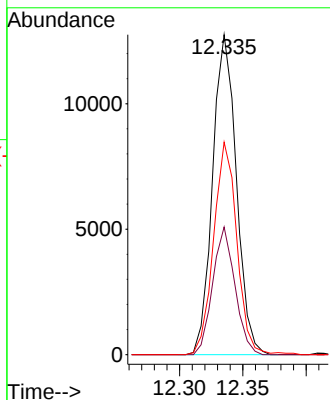
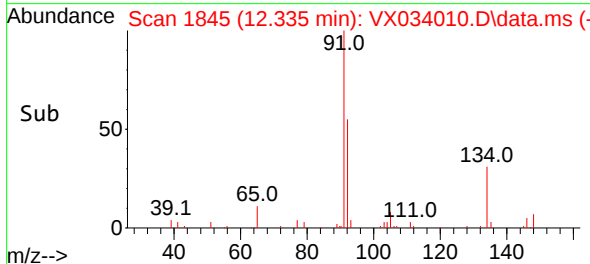
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



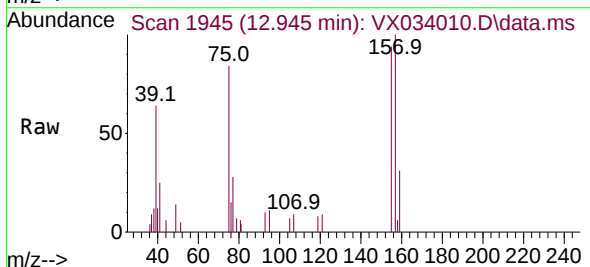
Tgt Ion:146 Resp: 16619
Ion Ratio Lower Upper
146 100
111 37.4 19.3 57.8
148 65.2 32.3 96.9

Manual Integrations
APPROVED

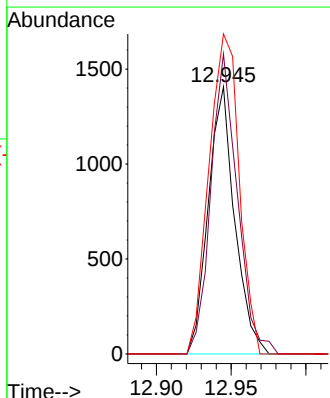
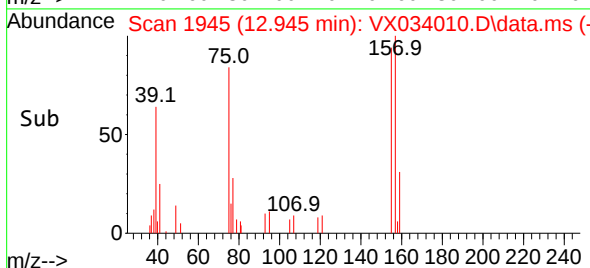
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

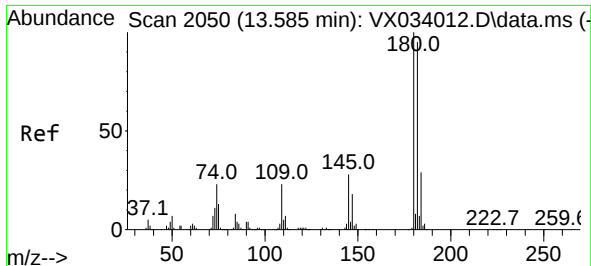


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.126 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09



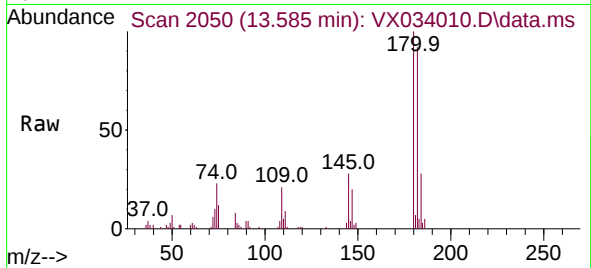
Tgt Ion: 75 Resp: 1731
Ion Ratio Lower Upper
75 100
155 112.6 51.7 155.1
157 137.0 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 4.728 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09

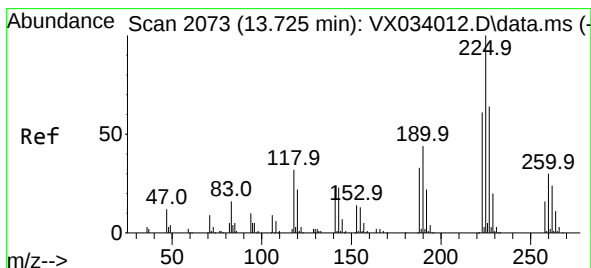
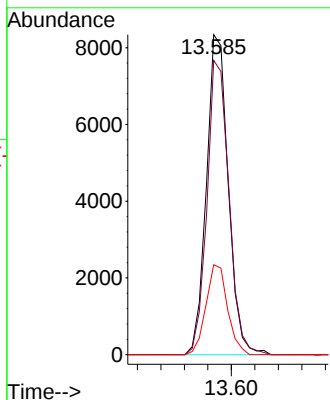
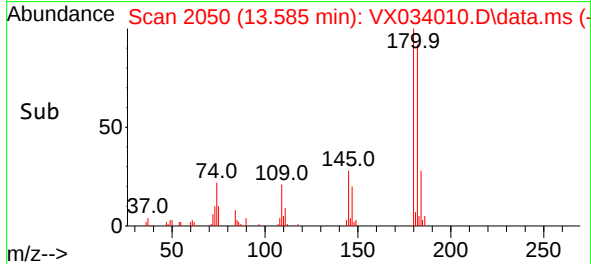
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



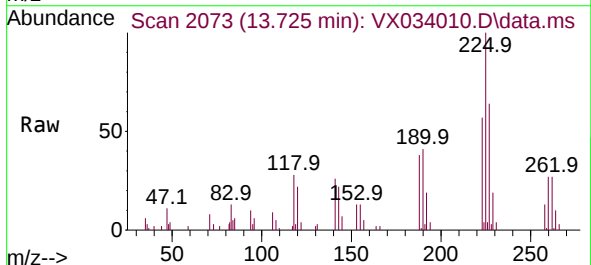
Tgt Ion:180 Resp: 10760
Ion Ratio Lower Upper
180 100
182 92.5 47.9 143.6
145 27.8 14.1 42.2

Manual Integrations
APPROVED

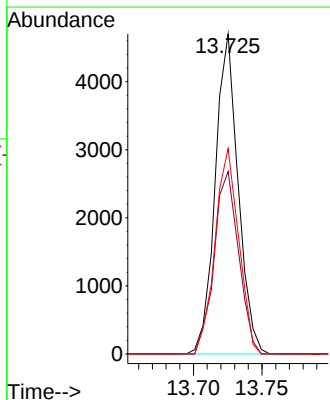
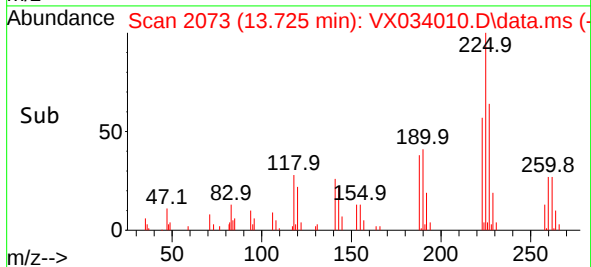
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

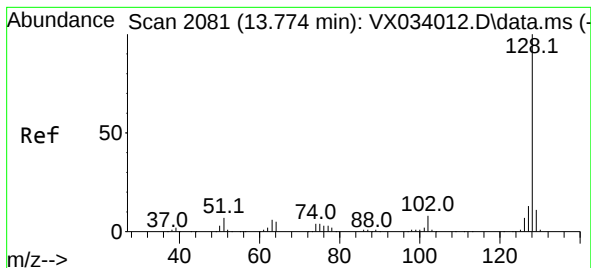


#94
Hexachlorobutadiene
Concen: 4.905 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034010.D
Acq: 03 Feb 2023 15:09



Tgt Ion:225 Resp: 5458
Ion Ratio Lower Upper
225 100
223 60.7 31.3 93.9
227 66.5 32.3 96.9





#95

Naphthalene

Concen: 4.581 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

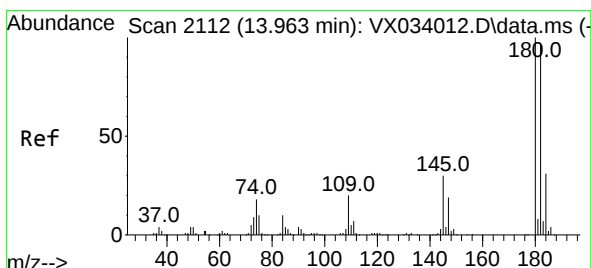
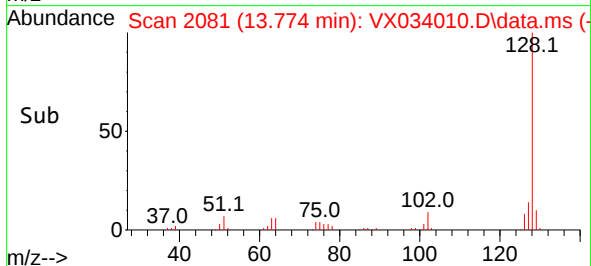
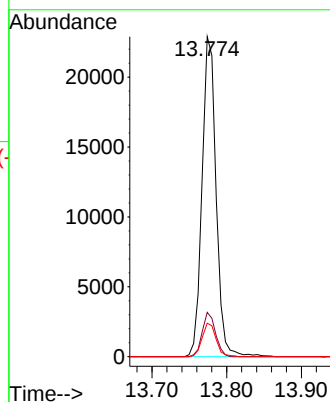
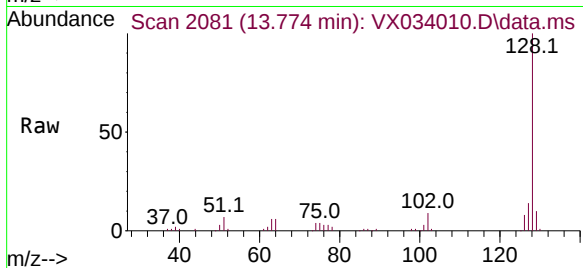
Tgt Ion:128	Resp:	2991
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.3 15.5
129	10.4	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 4.921 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034010.D

Acq: 03 Feb 2023 15:09

Tgt Ion:180	Resp:	11225
Ion Ratio	Lower	Upper
180	100	
182	93.0	47.6 142.9
145	26.7	15.1 45.3

