

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020423\
 Data File : VX034014.D
 Acq On : 03 Feb 2023 16:41
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 03 22:21:25 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	156746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	224715	138.533	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 277.060%#			
35) Dibromofluoromethane	5.385	113	205886	152.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 304.200%#			
50) Toluene-d8	8.647	98	732411	149.306	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 298.620%#			
62) 4-Bromofluorobenzene	11.079	95	267978	148.491	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 296.980%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	172630	137.800	ug/l	98
3) Chloromethane	1.295	50	163164	122.319	ug/l	99
4) Vinyl Chloride	1.374	62	173675	134.769	ug/l	99
5) Bromomethane	1.612	94	85834	115.048	ug/l	98
6) Chloroethane	1.679	64	84777	105.782	ug/l	97
7) Trichlorofluoromethane	1.886	101	270777	127.209	ug/l	95
8) Diethyl Ether	2.130	74	92658	129.532	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	174464	122.565	ug/l	92
10) Methyl Iodide	2.453	142	266919	142.753	ug/l	93
11) Tert butyl alcohol	2.959	59	151242m	555.368	ug/l	
12) 1,1-Dichloroethene	2.319	96	169934	126.796	ug/l	89
13) Acrolein	2.233	56	204924	733.703	ug/l	99
14) Allyl chloride	2.660	41	289736	118.727	ug/l	89
15) Acrylonitrile	3.063	53	447784	603.455	ug/l	99
16) Acetone	2.380	43	390425	526.147	ug/l	94
17) Carbon Disulfide	2.514	76	444414	127.291	ug/l	99
18) Methyl Acetate	2.703	43	274851	121.314	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	552772	126.522	ug/l	99
20) Methylene Chloride	2.788	84	184311	115.982	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	184071	124.246	ug/l	95
22) Diisopropyl ether	3.758	45	550442	116.416	ug/l	92
23) Vinyl Acetate	3.721	43	2181039	611.922	ug/l	97
24) 1,1-Dichloroethane	3.611	63	318339	121.883	ug/l	99
25) 2-Butanone	4.556	43	601784	572.158	ug/l	94
26) 2,2-Dichloropropane	4.477	77	253583	135.055	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	214310	126.190	ug/l	96
28) Bromochloromethane	4.898	49	158415	134.287	ug/l	87
29) Tetrahydrofuran	5.001	42	392022	590.397	ug/l	95
30) Chloroform	5.093	83	329435	122.861	ug/l	99
31) Cyclohexane	5.471	56	289673	121.629	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	302335	131.929	ug/l	97
36) 1,1-Dichloropropene	5.690	75	251621	128.190	ug/l	98
37) Ethyl Acetate	4.715	43	241965	113.762	ug/l	98
38) Carbon Tetrachloride	5.678	117	278822	137.114	ug/l	99
39) Methylcyclohexane	7.379	83	320639	131.880	ug/l	95
40) Benzene	6.038	78	730986	128.013	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	140657	132.329	ug/l	97
42) 1,2-Dichloroethane	6.086	62	253964	126.331	ug/l	99
43) Isopropyl Acetate	6.336	43	397370	129.711	ug/l	97
44) Trichloroethene	7.123	130	228411	141.171	ug/l	96
45) 1,2-Dichloropropane	7.428	63	184261	129.214	ug/l	98
46) Dibromomethane	7.580	93	133660	133.500	ug/l	94
47) Bromodichloromethane	7.824	83	259928	135.293	ug/l	96
48) Methyl methacrylate	7.690	41	200571	130.262	ug/l	95
49) 1,4-Dioxane	7.684	88	68883	2077.949	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	1129226	602.913	ug/l	97
52) Toluene	8.720	92	474674	128.905	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	286199	149.097	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	310365	143.964	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	189907	129.746	ug/l	98
56) Ethyl methacrylate	9.116	69	285180	139.103	ug/l	95
57) 1,3-Dichloropropane	9.305	76	307676	130.471	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	663612	662.355	ug/l	97
59) 2-Hexanone	9.433	43	831234	638.093	ug/l	97
60) Dibromochloromethane	9.519	129	225898	148.532	ug/l	99
61) 1,2-Dibromoethane	9.610	107	207866	142.809	ug/l	98
64) Tetrachloroethene	9.275	164	205701	139.480	ug/l	98
65) Chlorobenzene	10.080	112	525706	133.495	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	207979	142.912	ug/l	99
67) Ethyl Benzene	10.195	91	898895	133.701	ug/l	99
68) m/p-Xylenes	10.299	106	704466	267.132	ug/l	99
69) o-Xylene	10.640	106	343300	131.799	ug/l	99
70) Styrene	10.653	104	576137	136.099	ug/l	99
71) Bromoform	10.799	173	182198	149.948	ug/l #	98
73) Isopropylbenzene	10.964	105	897547	121.824	ug/l	99
74) N-amyl acetate	10.842	43	331074	126.995	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	261432	118.355	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	236224m	127.514	ug/l	
77) Bromobenzene	11.195	156	248985	124.649	ug/l	97
78) n-propylbenzene	11.305	91	1009774	123.058	ug/l	98
79) 2-Chlorotoluene	11.366	91	597850	119.734	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	743172	122.126	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	86760	145.333	ug/l	93
82) 4-Chlorotoluene	11.451	91	680643	120.078	ug/l	98
83) tert-Butylbenzene	11.713	119	796353	132.529	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	754607	131.604	ug/l	100
85) sec-Butylbenzene	11.890	105	943134	131.178	ug/l	99
86) p-Isopropyltoluene	12.006	119	836287	135.653	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	457931	133.902	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	461797	132.739	ug/l	100
89) n-Butylbenzene	12.329	91	680413	135.659	ug/l	99
90) Hexachloroethane	12.536	117	143878	143.141	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	436795	132.065	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59222	143.690	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	340214	152.174	ug/l	100
94) Hexachlorobutadiene	13.725	225	158705	145.181	ug/l	99
95) Naphthalene	13.774	128	933588	145.546	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	332086	148.199	ug/l	100

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

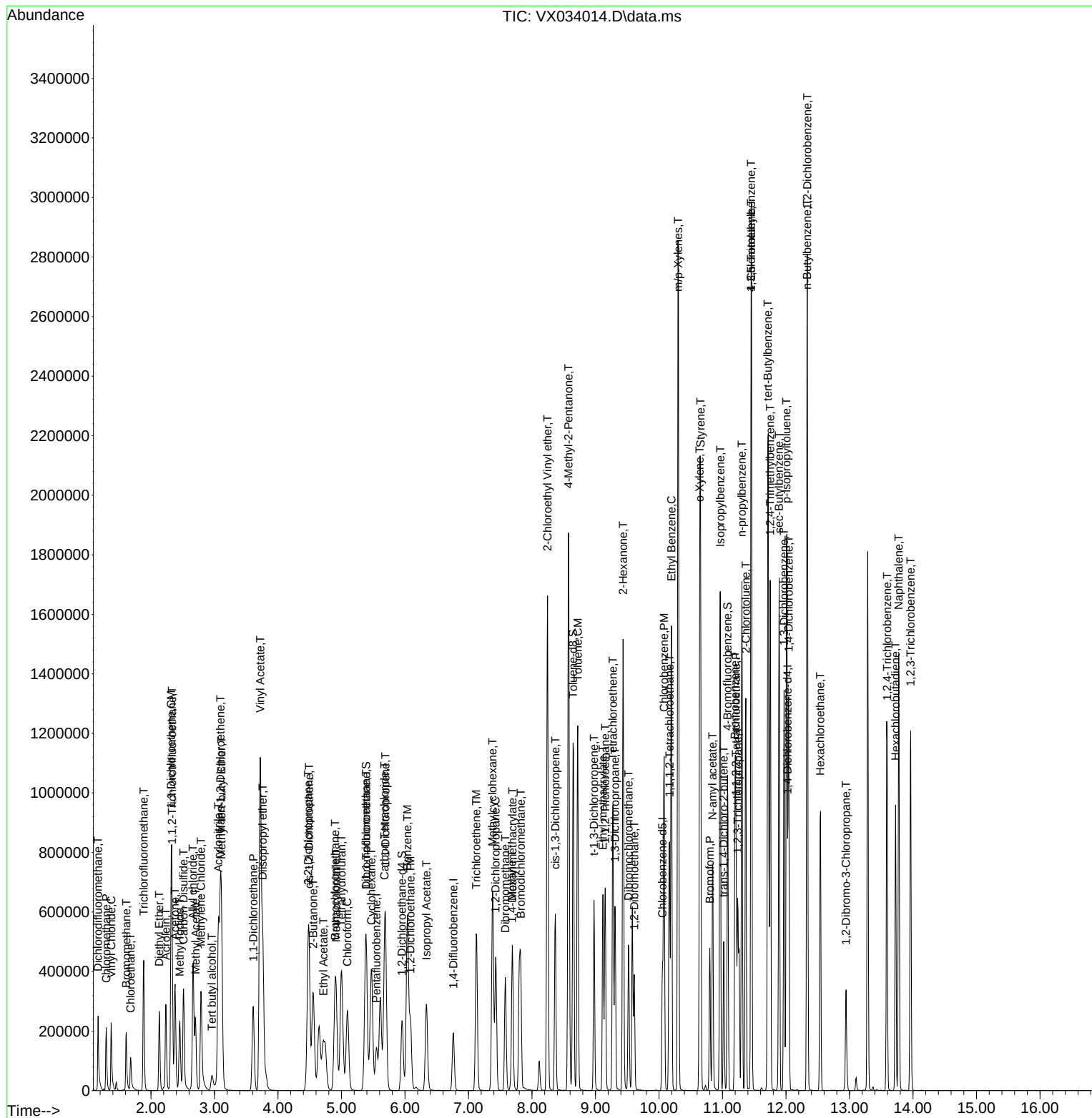
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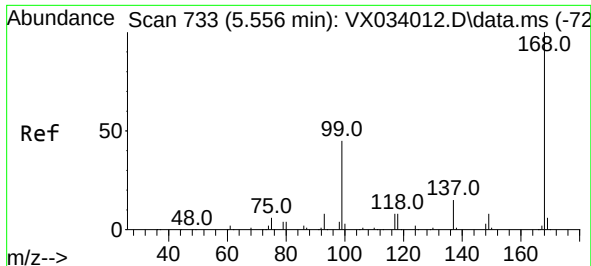
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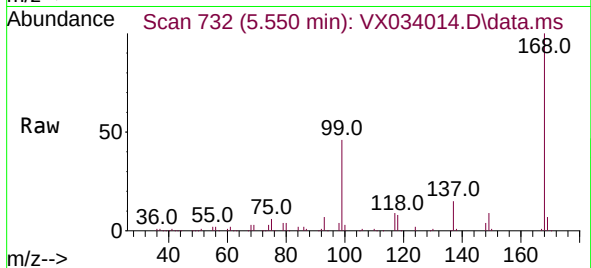
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034014.D
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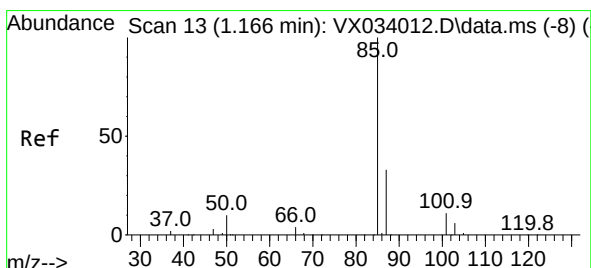
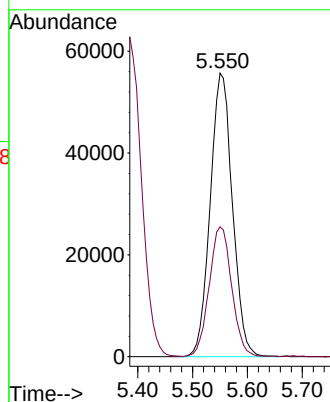
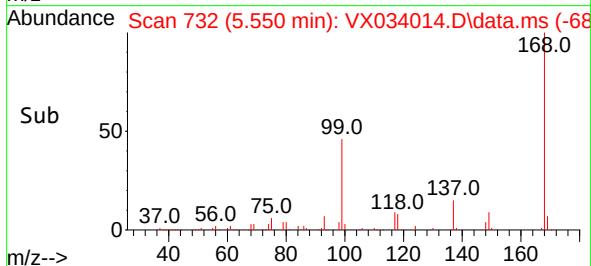
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 156740
Ion Ratio Lower Upper
168 100
99 45.6 39.6 59.4

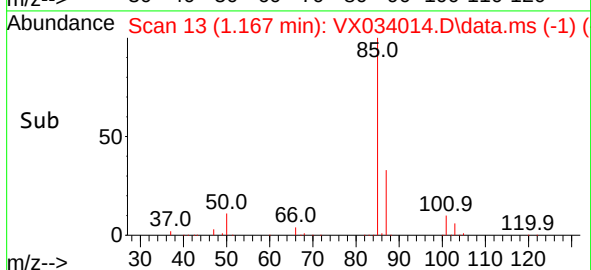
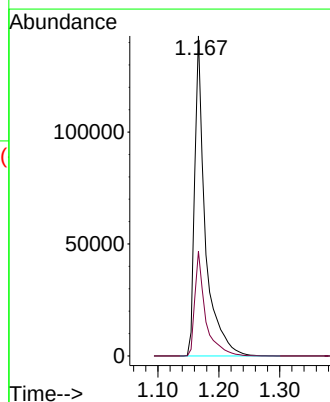
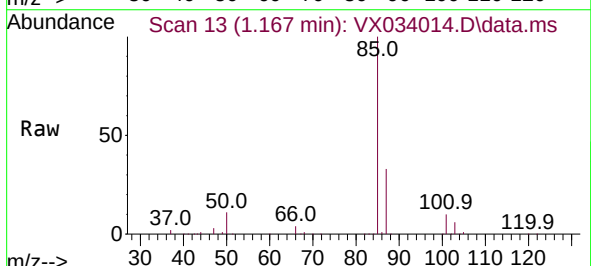
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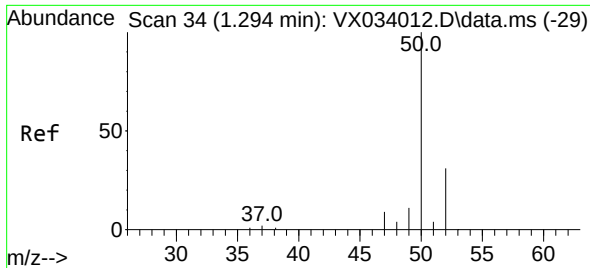
Reviewed By :John Carlone 02/06/2023
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#2
Dichlorodifluoromethane
Concen: 137.800 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Tgt Ion: 85 Resp: 172630
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





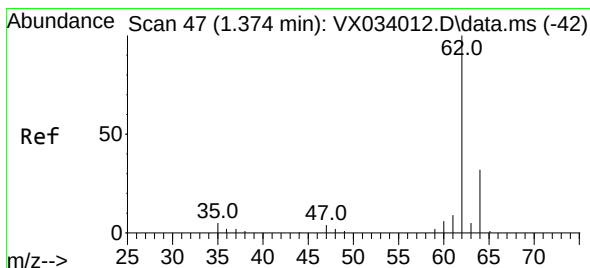
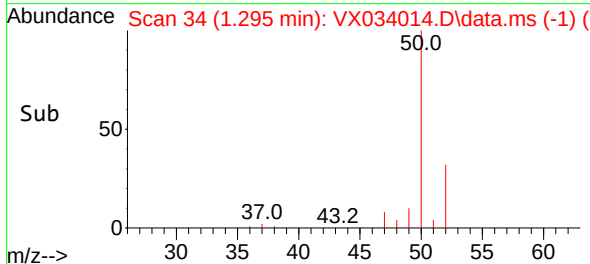
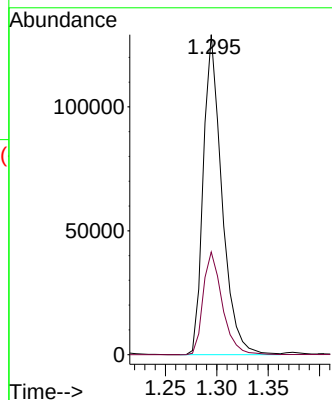
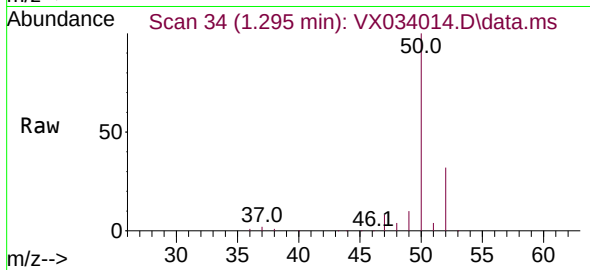
#3
Chloromethane
Concen: 122.319 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

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ClientSampleId :
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Tgt Ion: 50 Resp: 163164
Ion Ratio Lower Upper
50 100
52 32.1 25.2 37.8

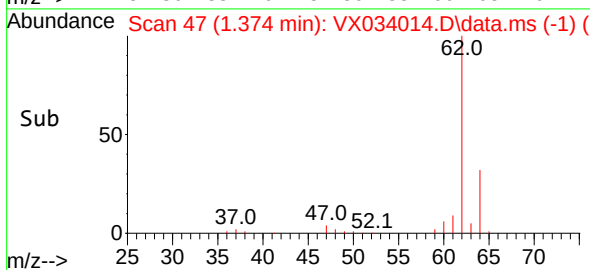
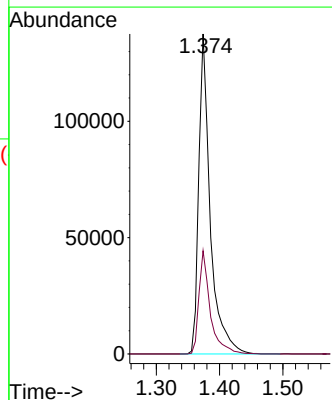
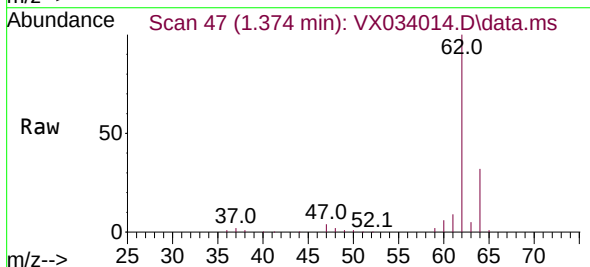
Manual Integrations
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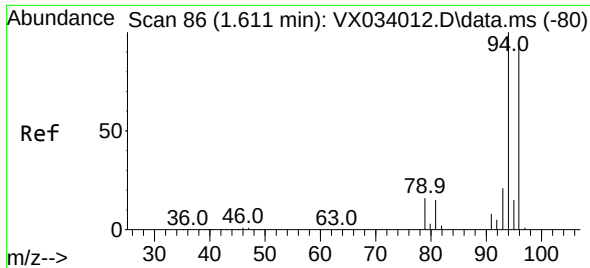
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#4
Vinyl Chloride
Concen: 134.769 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

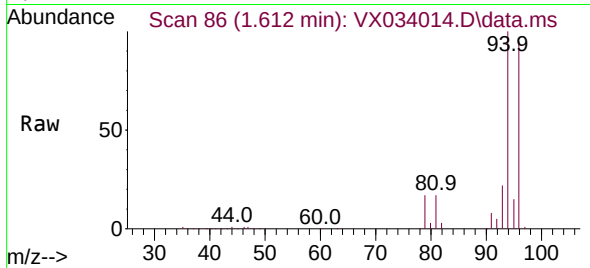
Tgt Ion: 62 Resp: 173675
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.4





#5
Bromomethane
Concen: 115.048 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX034014.D
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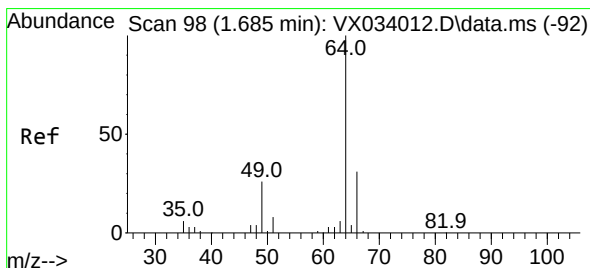
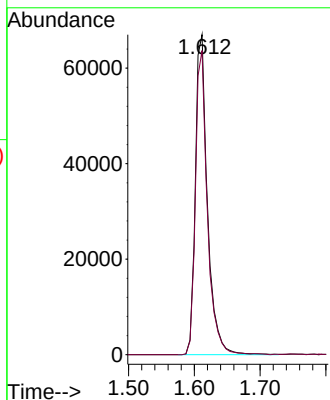
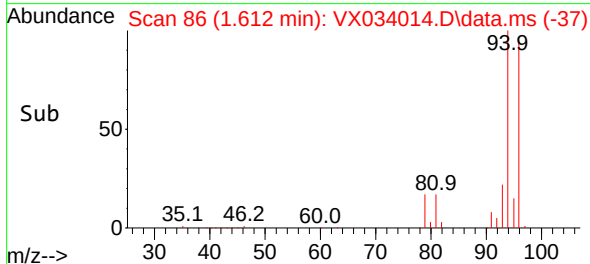
Instrument :
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Tgt Ion: 94 Resp: 85834
Ion Ratio Lower Upper
94 100
96 95.0 74.3 111.5

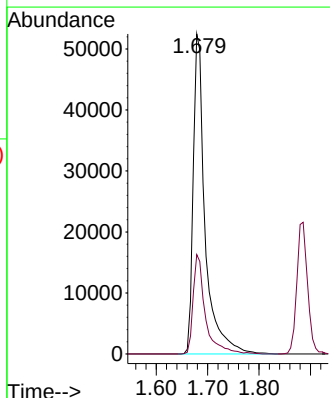
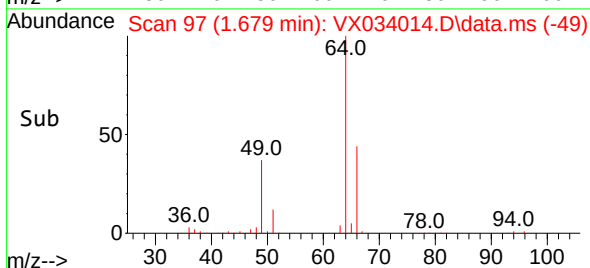
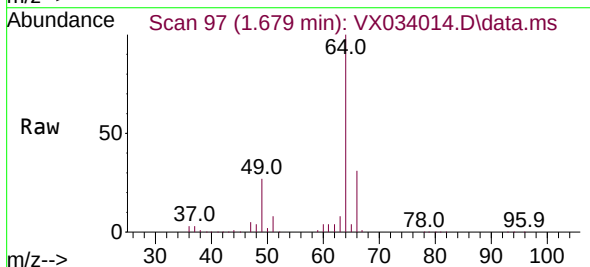
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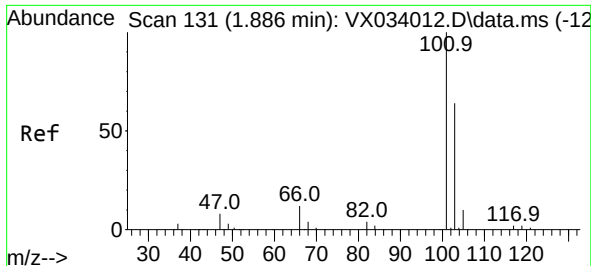
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#6
Chloroethane
Concen: 105.782 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

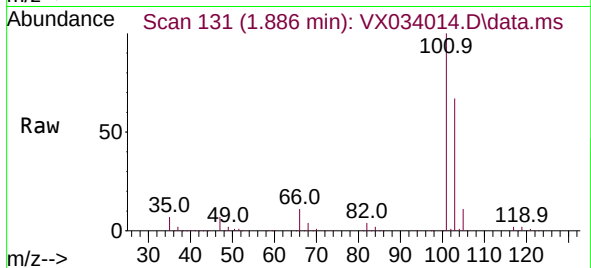
Tgt Ion: 64 Resp: 84777
Ion Ratio Lower Upper
64 100
66 31.1 26.1 39.1





#7
Trichlorofluoromethane
Concen: 127.209 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

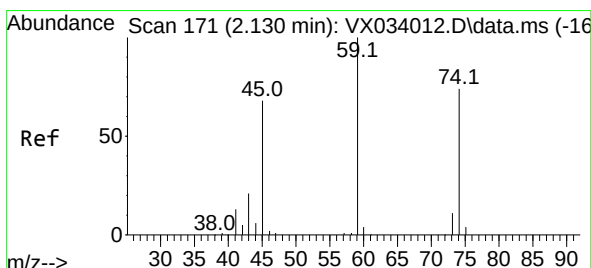
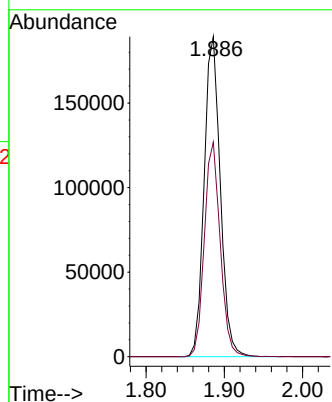
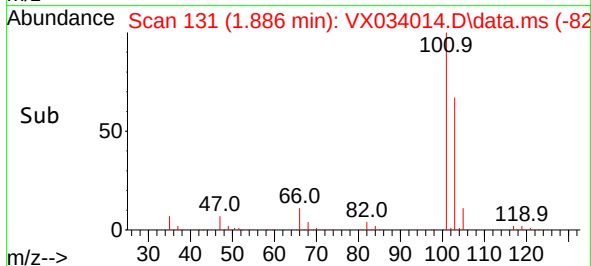
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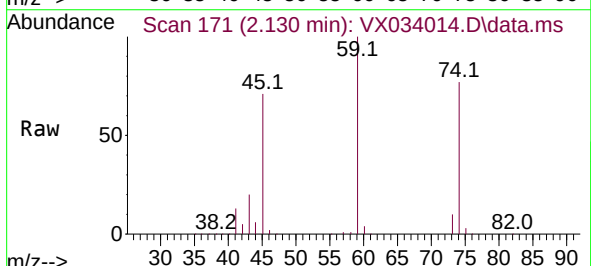
Tgt Ion:101 Resp: 27077
Ion Ratio Lower Upper
101 100
103 67.0 50.6 75.8

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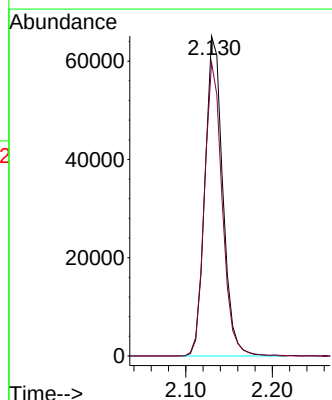
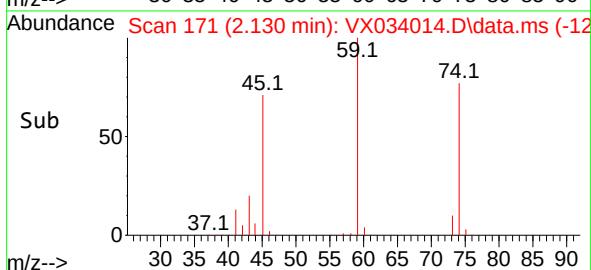
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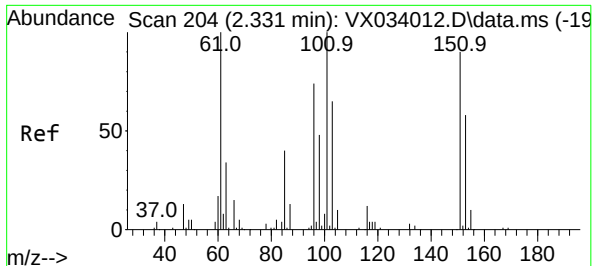


#8
Diethyl Ether
Concen: 129.532 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034014.D
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Tgt Ion: 74 Resp: 92658
Ion Ratio Lower Upper
74 100
45 92.2 51.5 154.5





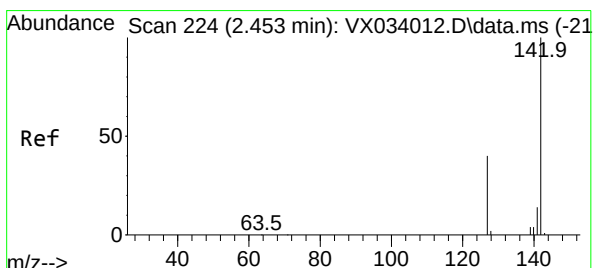
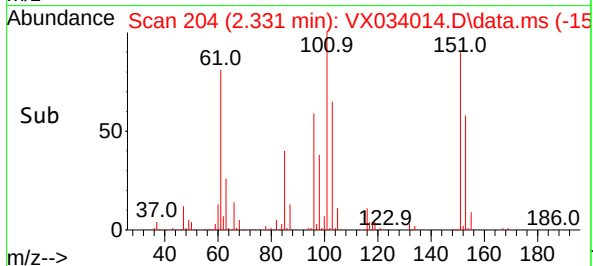
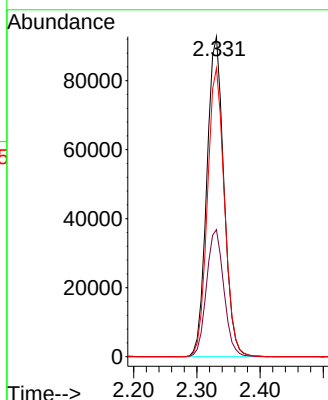
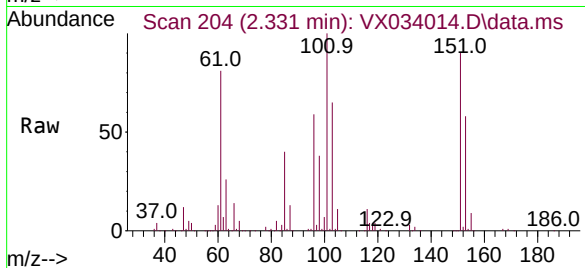
#9
1,1,2-Trichlorotrifluoroethane
Concen: 122.565 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 174464
Ion Ratio Lower Upper
101 100
85 40.3 36.7 55.1
151 89.9 66.5 99.7

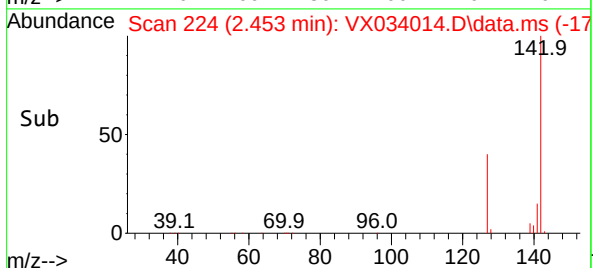
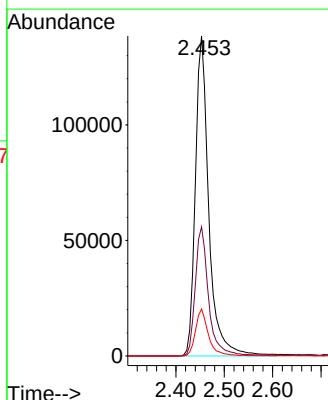
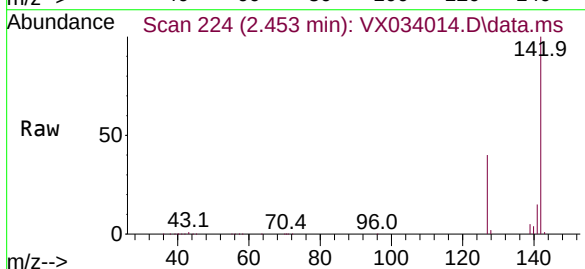
Manual Integrations
APPROVED

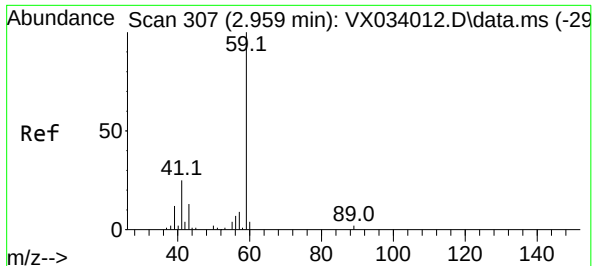
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#10
Methyl Iodide
Concen: 142.753 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

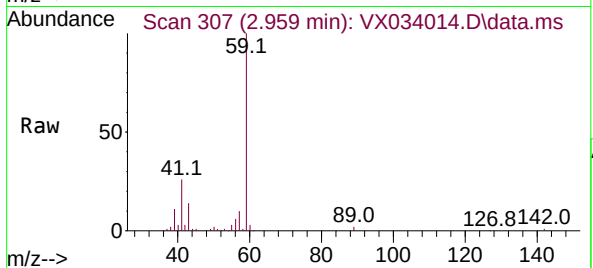
Tgt Ion:142 Resp: 266919
Ion Ratio Lower Upper
142 100
127 40.4 37.3 55.9
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 555.368 ug/l m
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

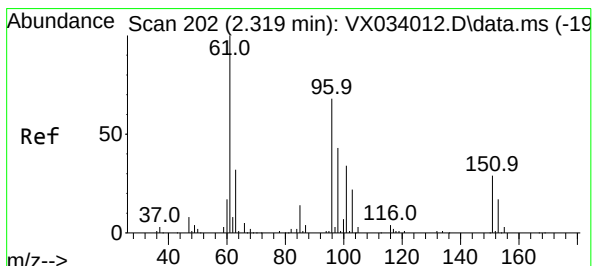
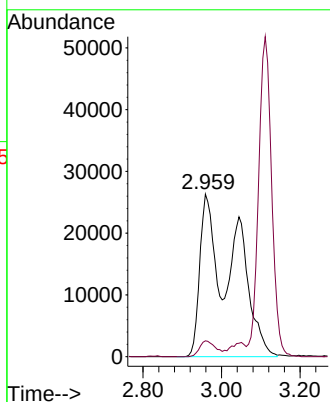
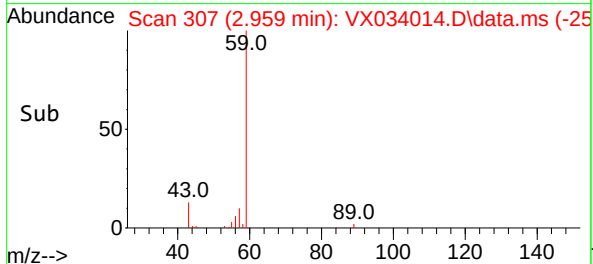
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



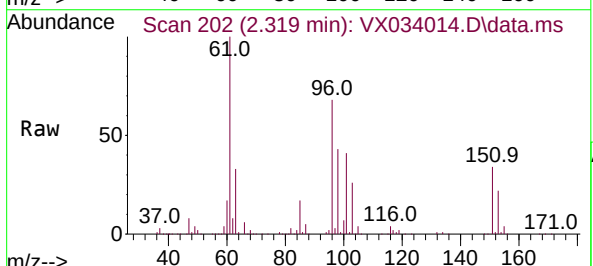
Tgt Ion: 59 Resp: 15124
Ion Ratio Lower Upper
59 100
57 4.8 3.7 5.5

Manual Integrations
APPROVED

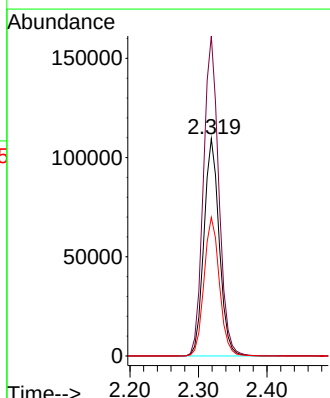
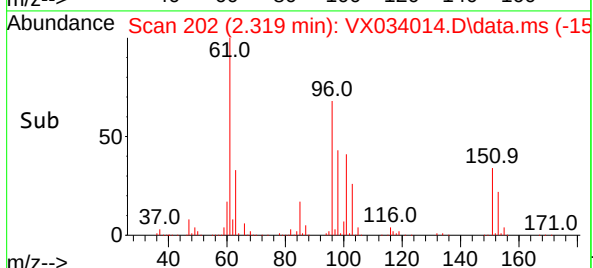
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

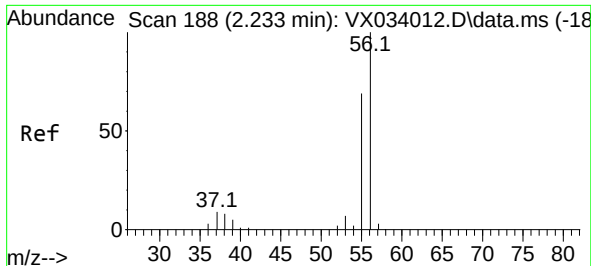


#12
1,1-Dichloroethene
Concen: 126.796 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41



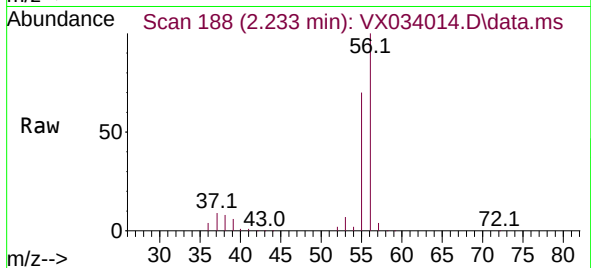
Tgt Ion: 96 Resp: 169934
Ion Ratio Lower Upper
96 100
61 147.3 134.2 201.4
98 63.8 50.2 75.2





#13
Acrolein
Concen: 733.703 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

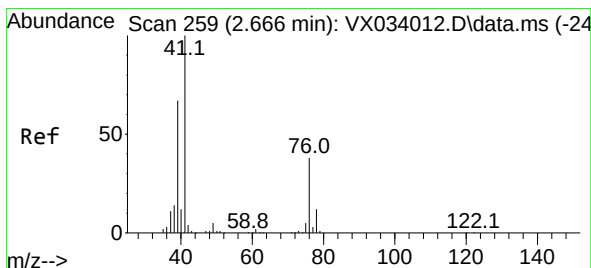
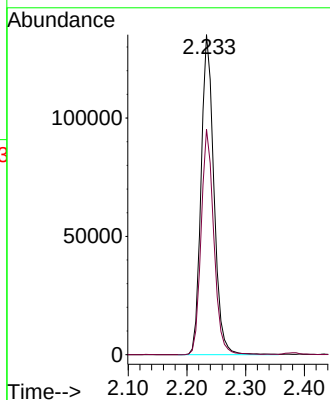
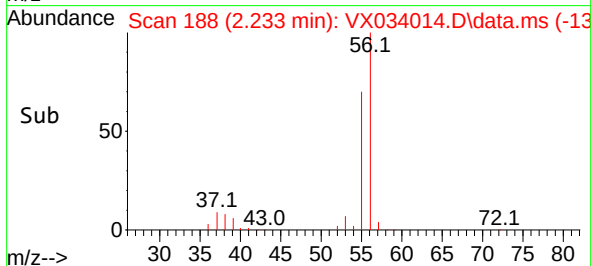
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 204924
Ion Ratio Lower Upper
56 100
55 70.0 56.3 84.5

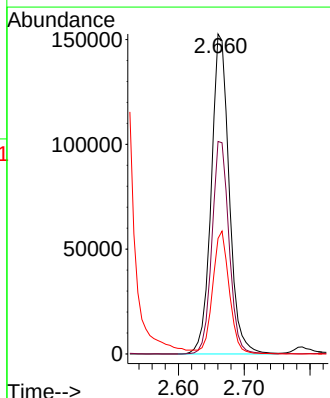
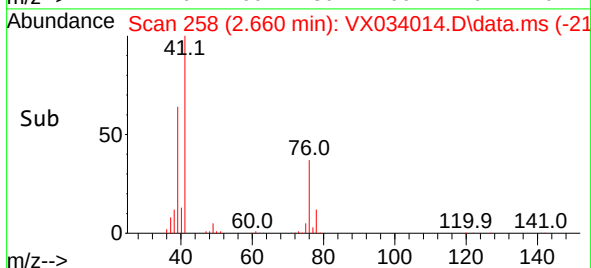
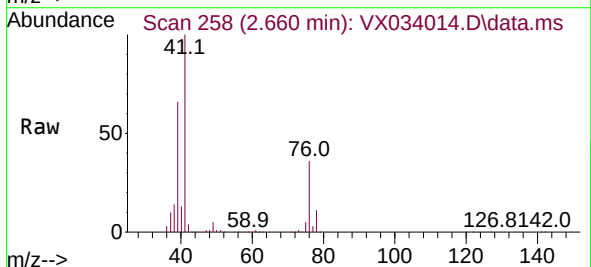
Manual Integrations
APPROVED

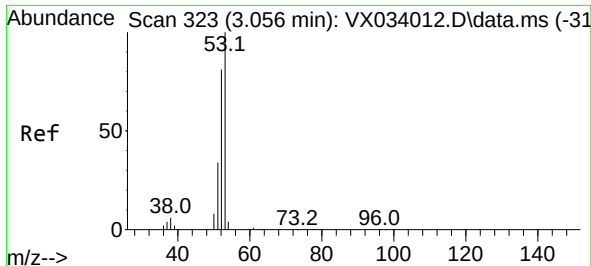
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#14
Allyl chloride
Concen: 118.727 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Tgt Ion: 41 Resp: 289736
Ion Ratio Lower Upper
41 100
39 63.3 59.0 88.4
76 35.5 24.6 37.0





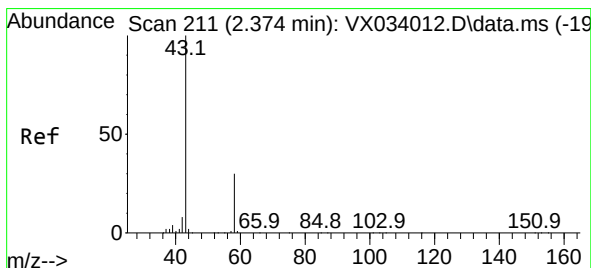
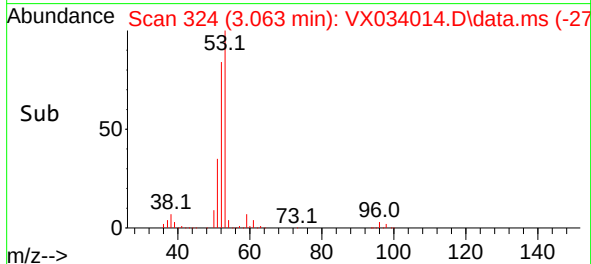
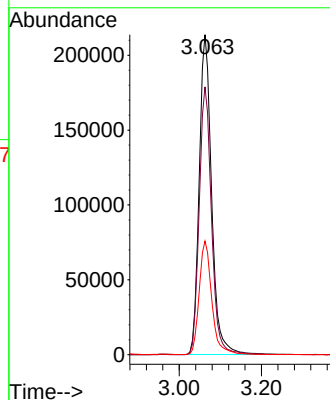
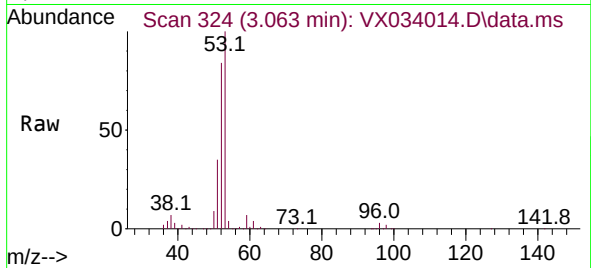
#15
Acrylonitrile
Concen: 603.455 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 447784
Ion Ratio Lower Upper
53 100
52 83.2 65.7 98.5
51 36.1 29.0 43.4

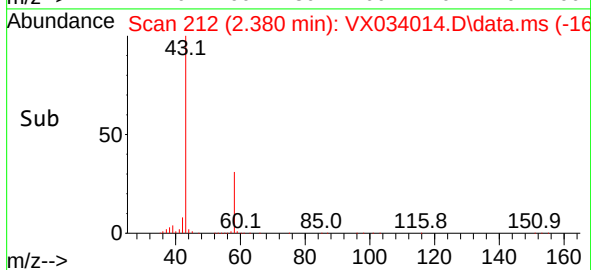
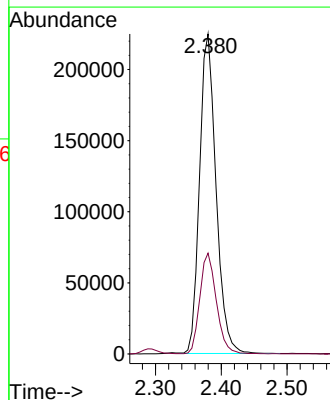
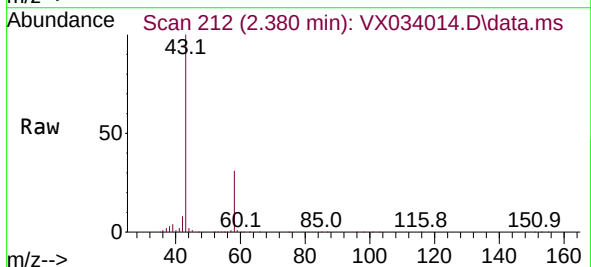
Manual Integrations
APPROVED

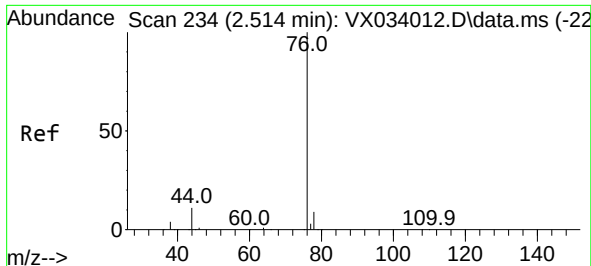
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#16
Acetone
Concen: 526.147 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

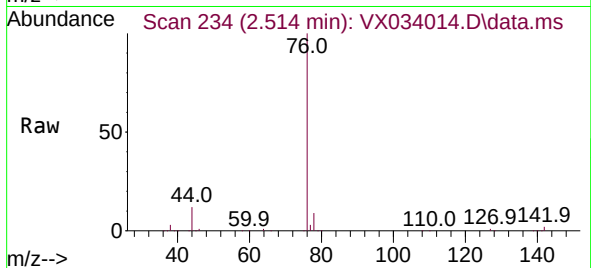
Tgt Ion: 43 Resp: 390425
Ion Ratio Lower Upper
43 100
58 31.5 22.6 33.8





#17
Carbon Disulfide
Concen: 127.291 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

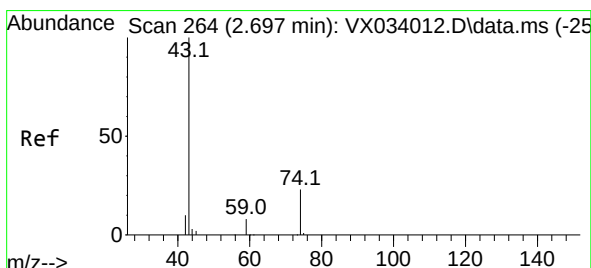
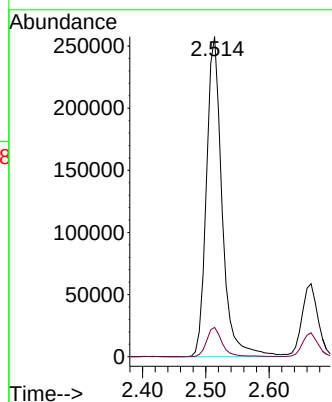
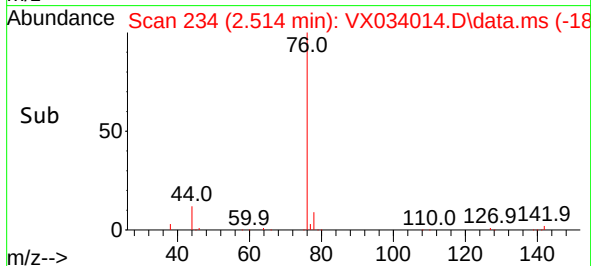
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



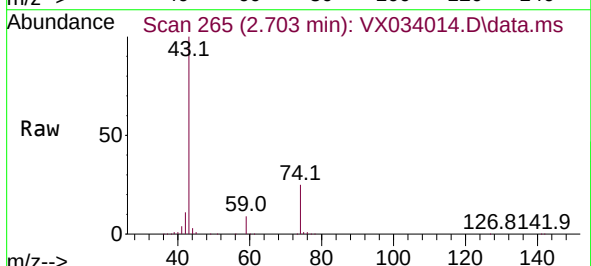
Tgt Ion: 76 Resp: 444414
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

Manual Integrations
APPROVED

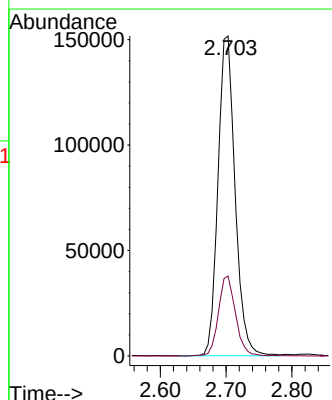
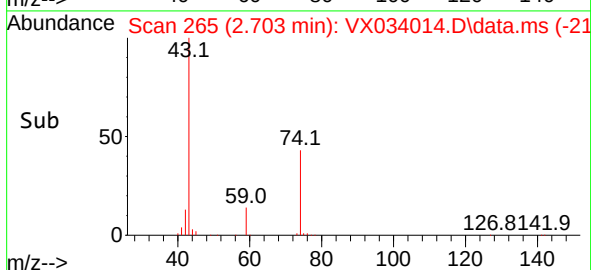
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

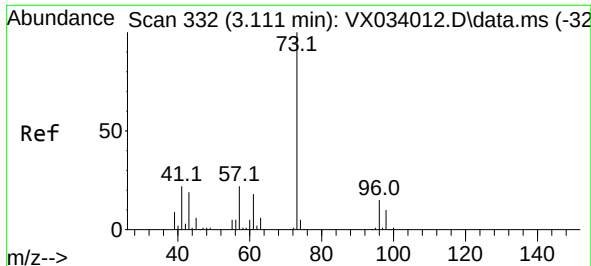


#18
Methyl Acetate
Concen: 121.314 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41



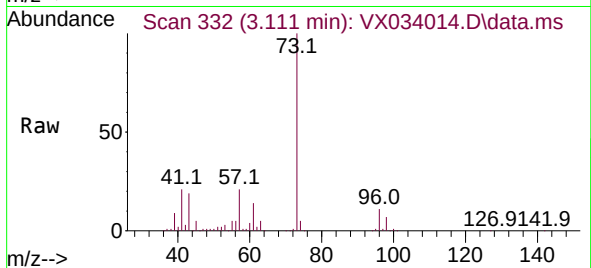
Tgt Ion: 43 Resp: 274851
Ion Ratio Lower Upper
43 100
74 25.1 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 126.522 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

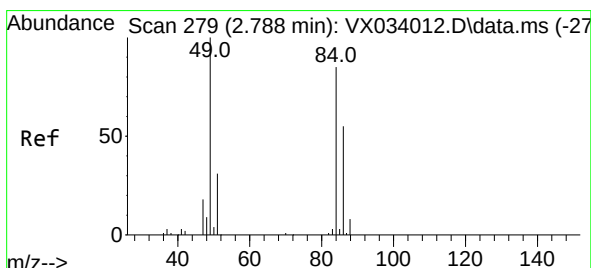
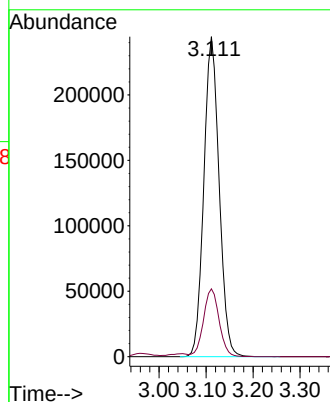
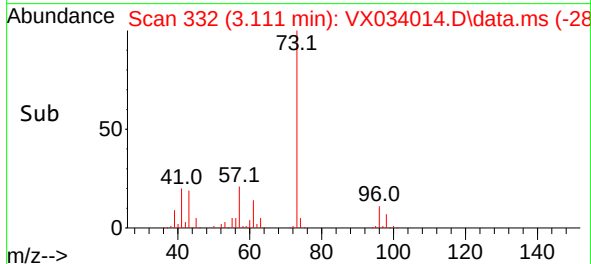
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 552772
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0

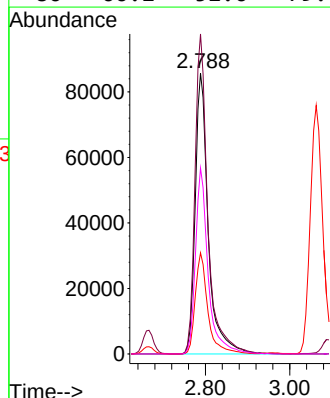
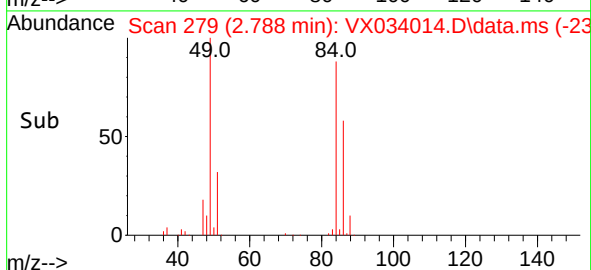
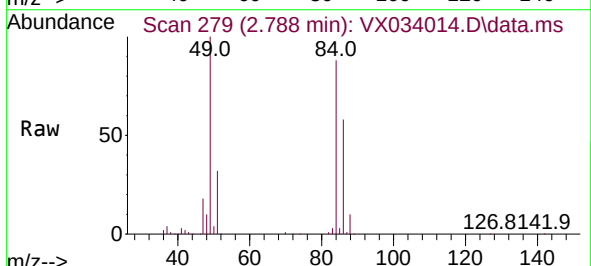
Manual Integrations
APPROVED

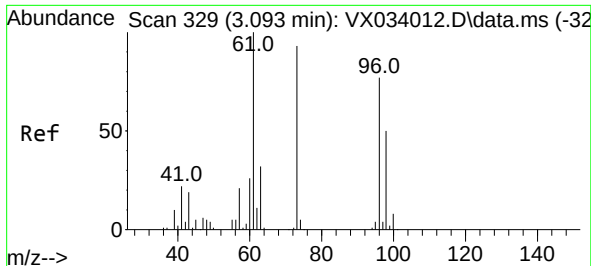
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#20
Methylene Chloride
Concen: 115.982 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

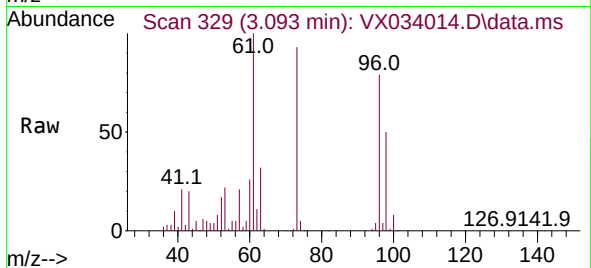
Tgt Ion: 84 Resp: 184311
Ion Ratio Lower Upper
84 100
49 113.9 101.1 151.7
51 36.0 31.0 46.6
86 66.2 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 124.246 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

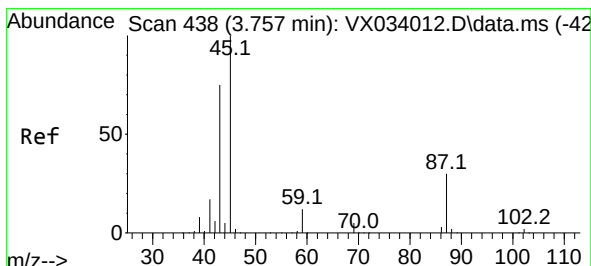
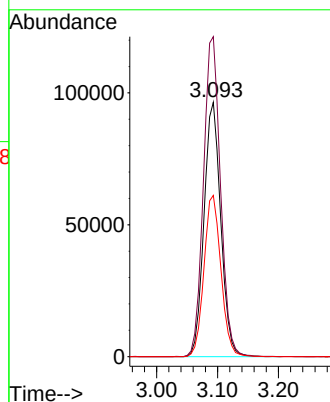
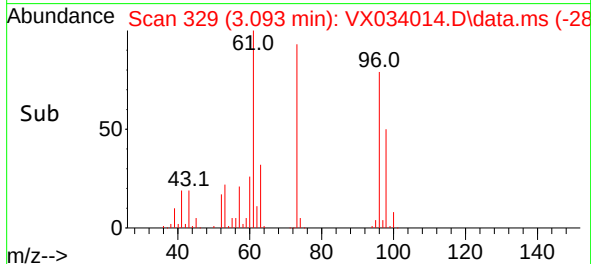
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



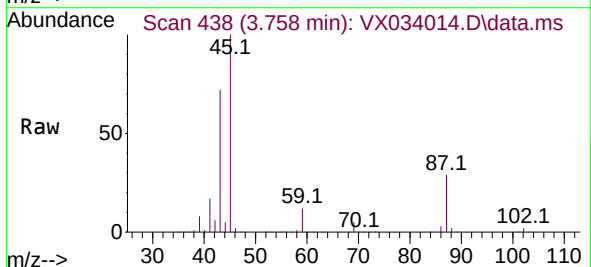
Tgt Ion: 96 Resp: 18407
Ion Ratio Lower Upper
96 100
61 125.7 106.7 160.1
98 63.4 50.0 75.0

Manual Integrations
APPROVED

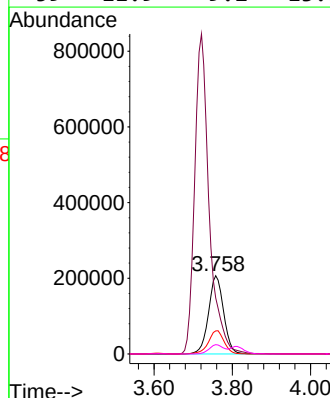
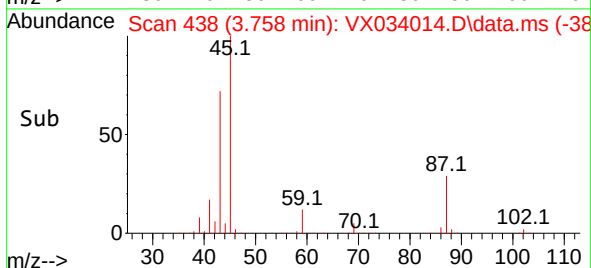
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

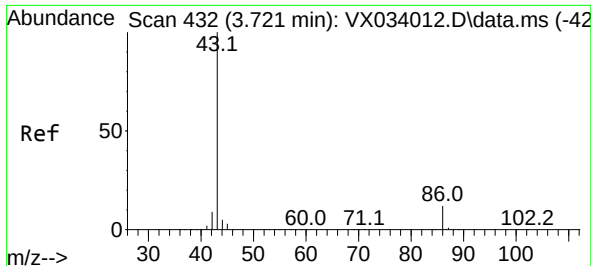


#22
Diisopropyl ether
Concen: 116.416 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41



Tgt Ion: 45 Resp: 550442
Ion Ratio Lower Upper
45 100
43 71.4 64.6 97.0
87 29.4 21.9 32.9
59 11.9 9.2 13.8





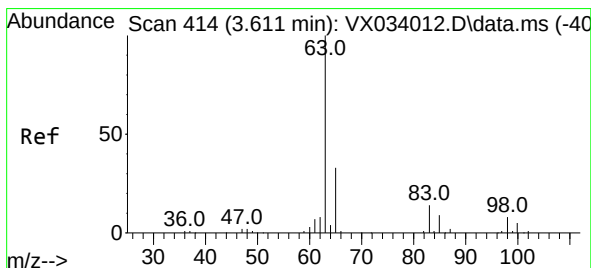
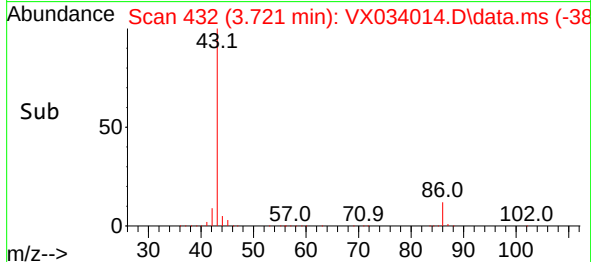
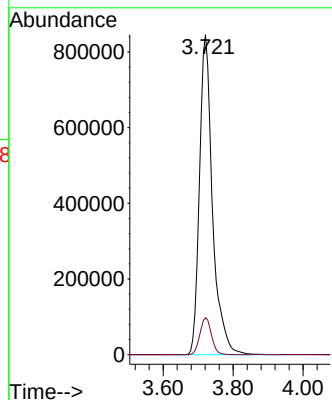
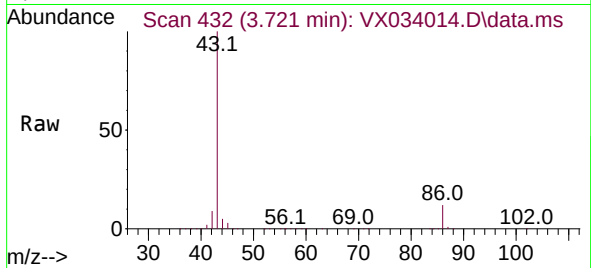
#23
 Vinyl Acetate
 Concen: 611.922 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034014.D
 Acq: 03 Feb 2023 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 2181039
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.4 12.6

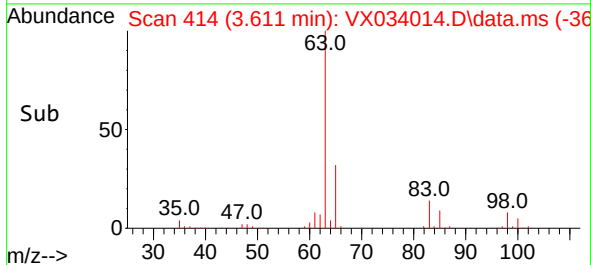
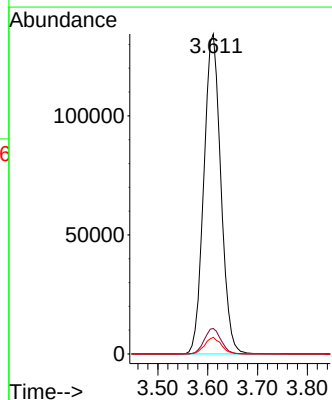
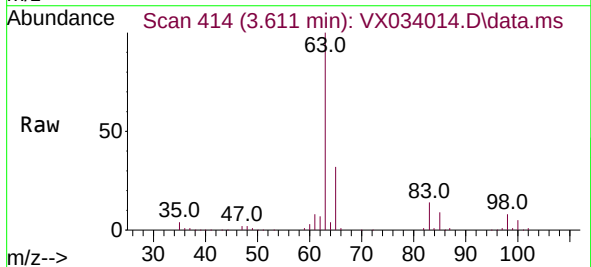
Manual Integrations
 APPROVED

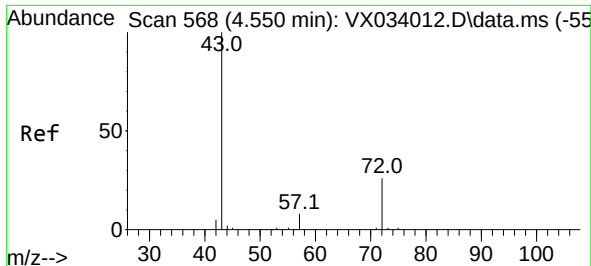
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#24
 1,1-Dichloroethane
 Concen: 121.883 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX034014.D
 Acq: 03 Feb 2023 16:41

Tgt Ion: 63 Resp: 318339
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.2
 100 5.2 2.4 7.2





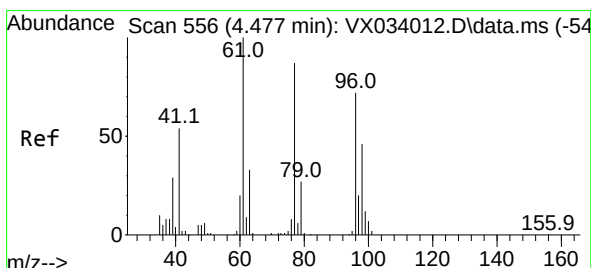
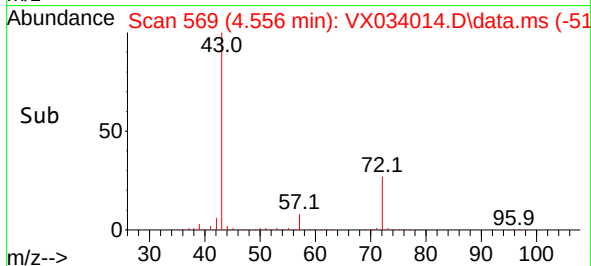
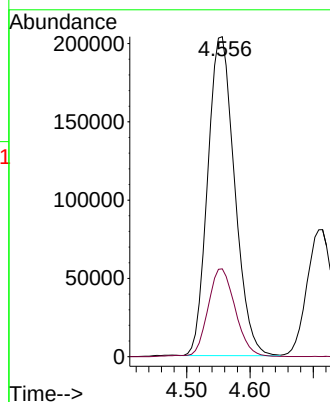
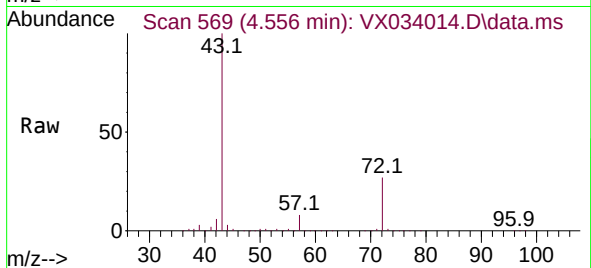
#25
2-Butanone
Concen: 572.158 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 601784
Ion Ratio Lower Upper
43 100
72 27.4 19.4 29.2

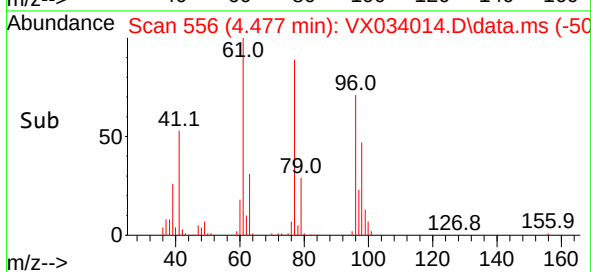
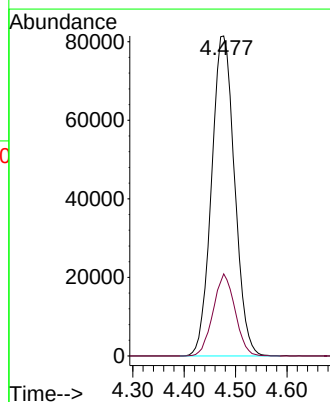
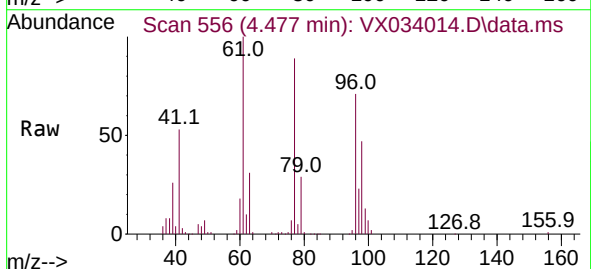
Manual Integrations
APPROVED

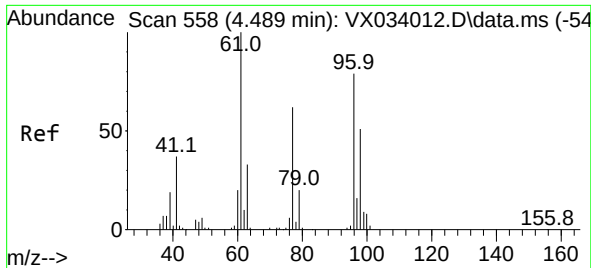
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#26
2,2-Dichloropropane
Concen: 135.055 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

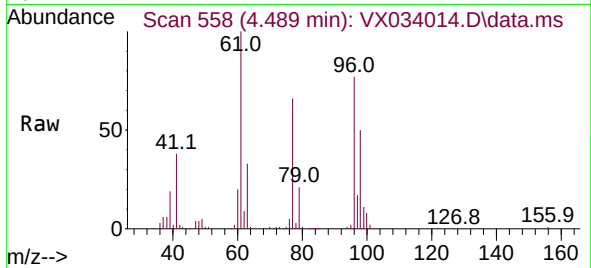
Tgt Ion: 77 Resp: 253583
Ion Ratio Lower Upper
77 100
97 24.4 11.9 35.5





#27
 cis-1,2-Dichloroethene
 Concen: 126.190 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX034014.D
 Acq: 03 Feb 2023 16:41

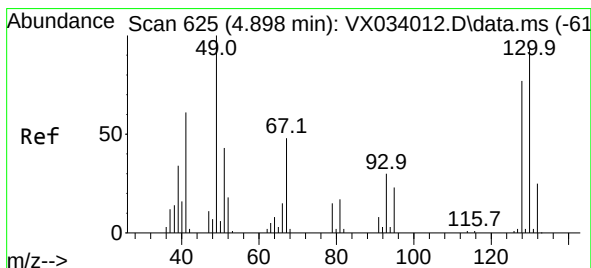
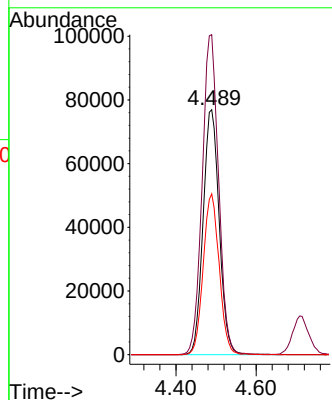
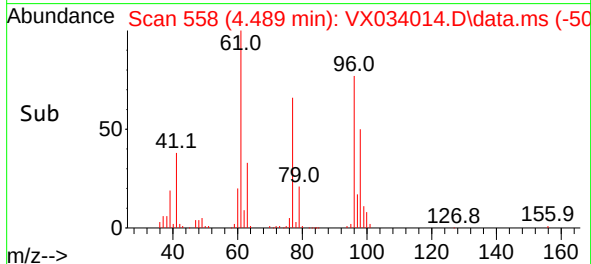
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



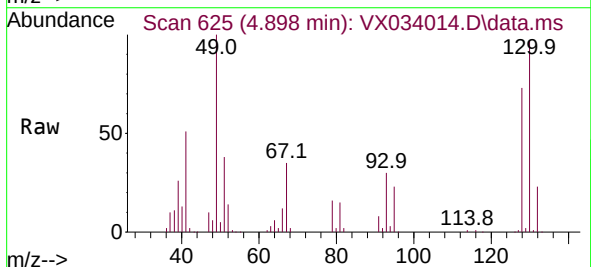
Tgt Ion: 96 Resp: 214310
 Ion Ratio Lower Upper
 96 100
 61 133.3 0.0 277.6
 98 65.0 0.0 128.0

Manual Integrations
 APPROVED

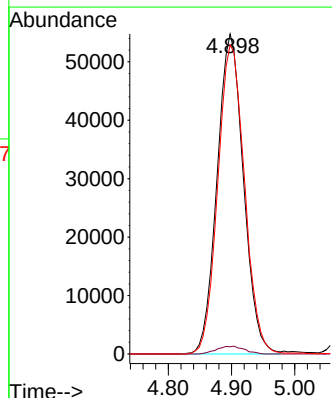
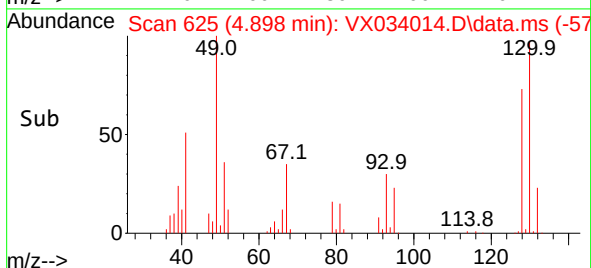
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

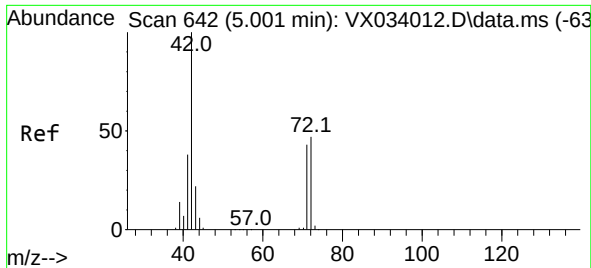


#28
 Bromochloromethane
 Concen: 134.287 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX034014.D
 Acq: 03 Feb 2023 16:41



Tgt Ion: 49 Resp: 158415
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 98.0 68.5 102.7





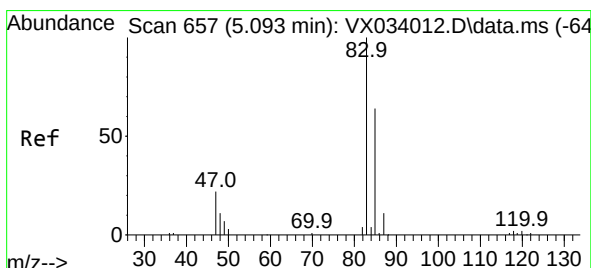
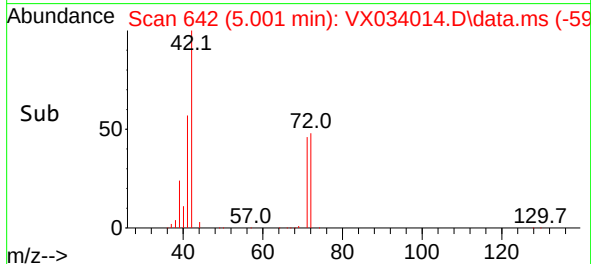
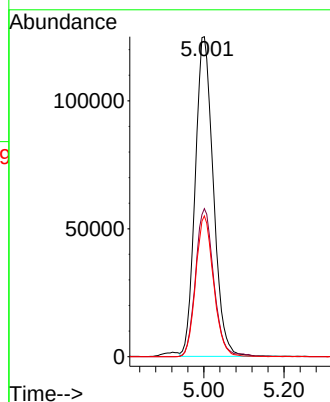
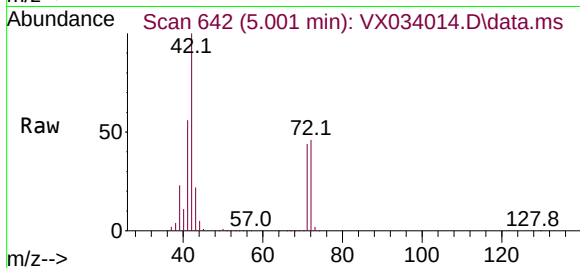
#29
Tetrahydrofuran
Concen: 590.397 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 39202
Ion Ratio Lower Upper
42 100
72 46.8 34.8 52.2
71 43.4 32.2 48.2

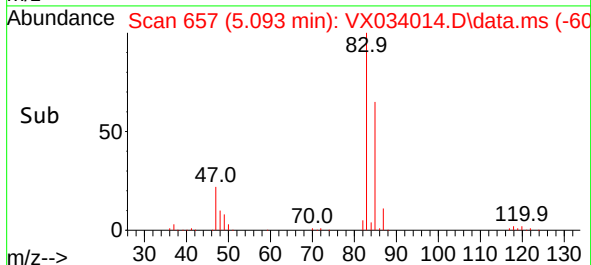
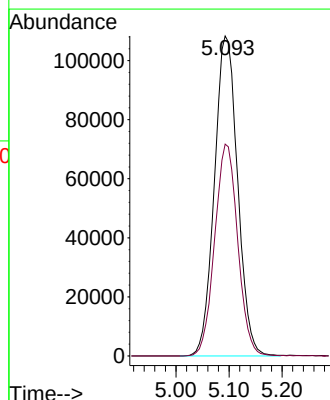
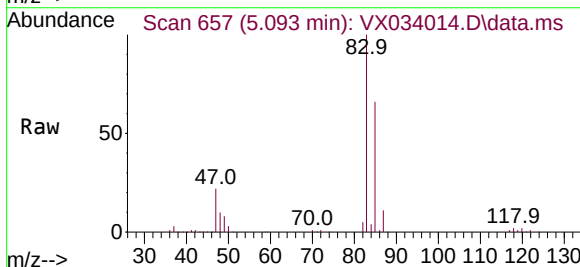
Manual Integrations
APPROVED

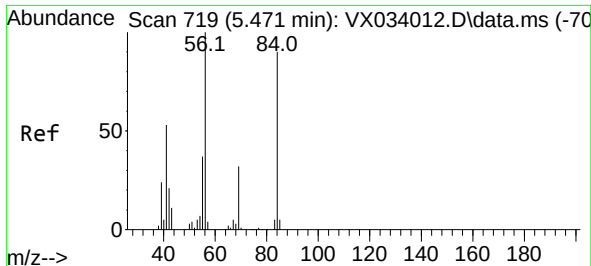
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#30
Chloroform
Concen: 122.861 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

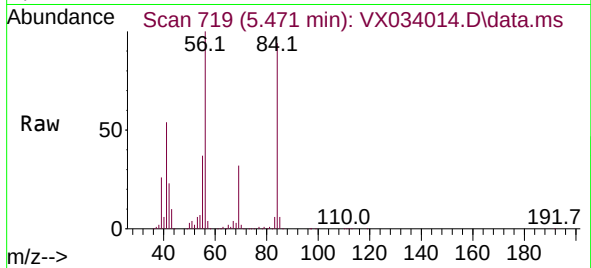
Tgt Ion: 83 Resp: 329435
Ion Ratio Lower Upper
83 100
85 66.2 52.1 78.1





#31
Cyclohexane
Concen: 121.629 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

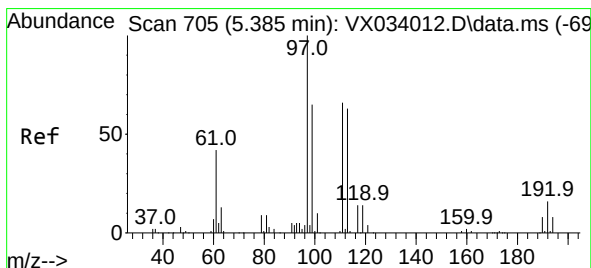
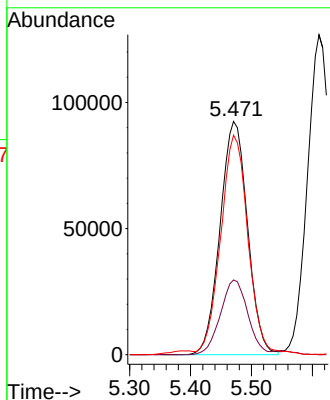
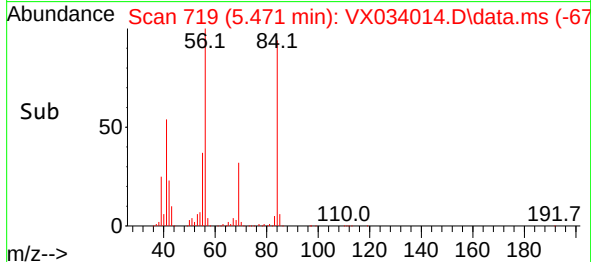
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



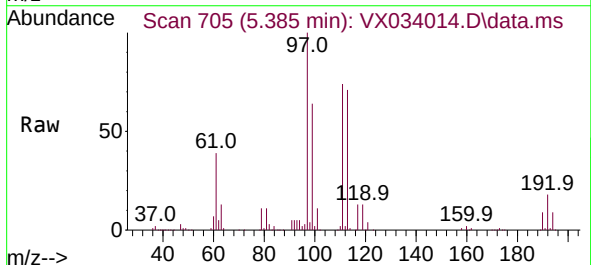
Tgt Ion: 56 Resp: 28967
Ion Ratio Lower Upper
56 100
69 32.1 24.6 37.0
84 92.6 71.0 106.6

Manual Integrations
APPROVED

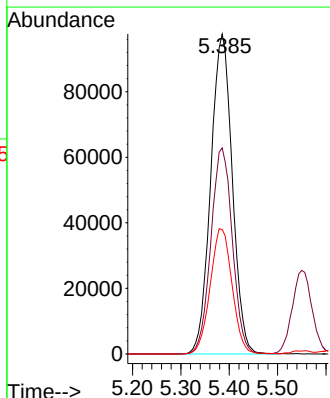
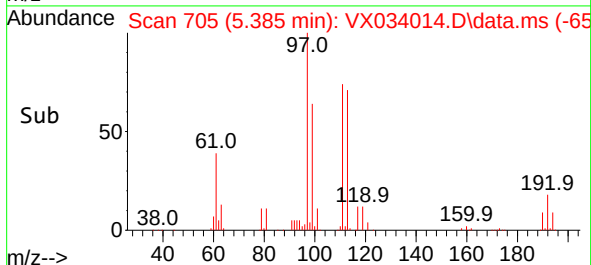
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

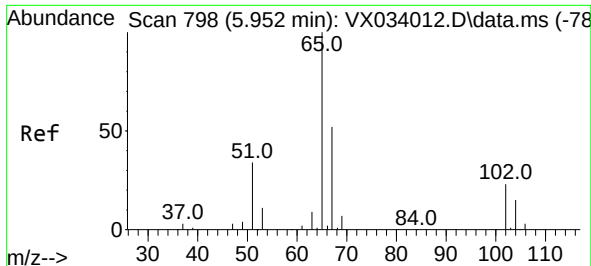


#32
1,1,1-Trichloroethane
Concen: 131.929 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41



Tgt Ion: 97 Resp: 302335
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 39.8 35.2 52.8





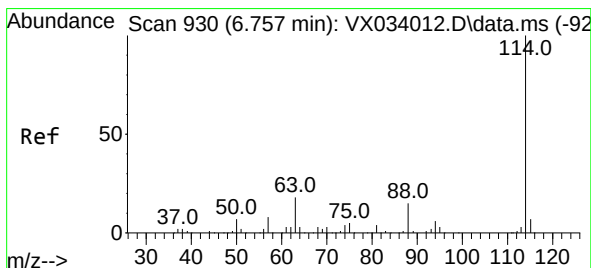
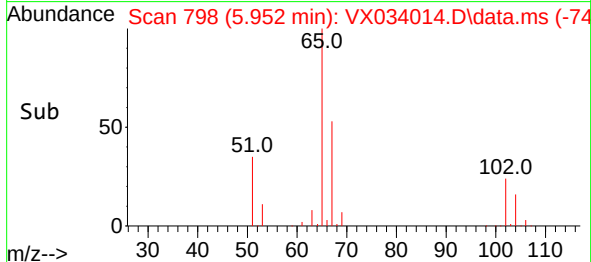
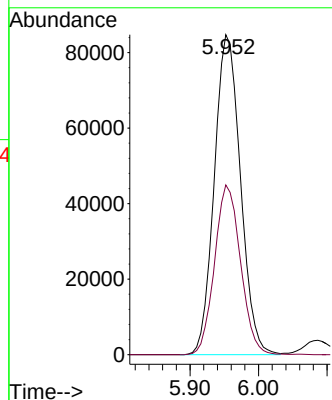
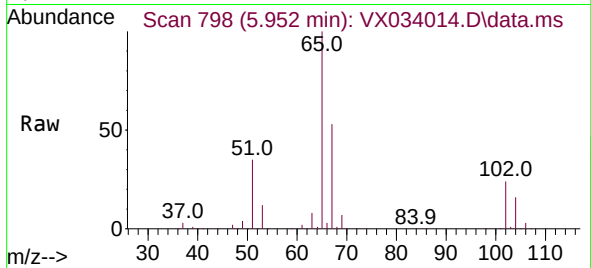
#33
 1,2-Dichloroethane-d4
 Concen: 138.533 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034014.D
 Acq: 03 Feb 2023 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Tgt Ion: 65 Resp: 224715
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8

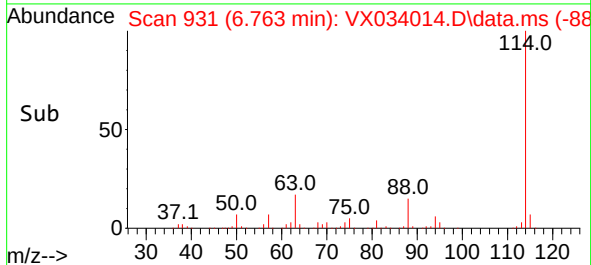
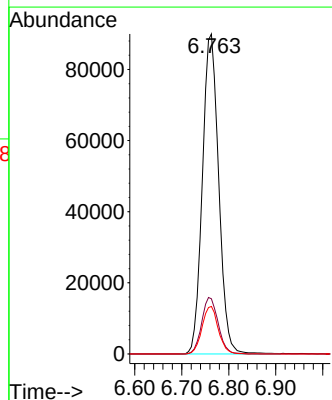
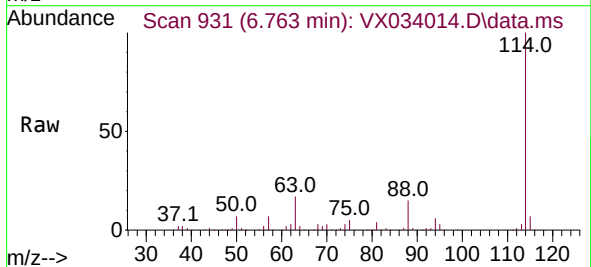
Manual Integrations
 APPROVED

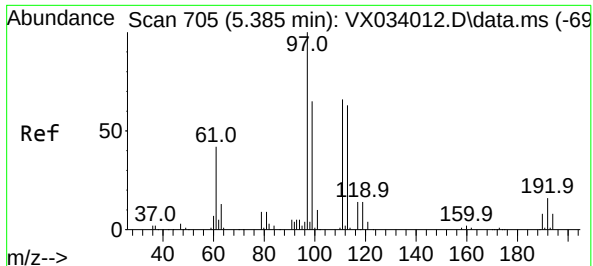
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034014.D
 Acq: 03 Feb 2023 16:41

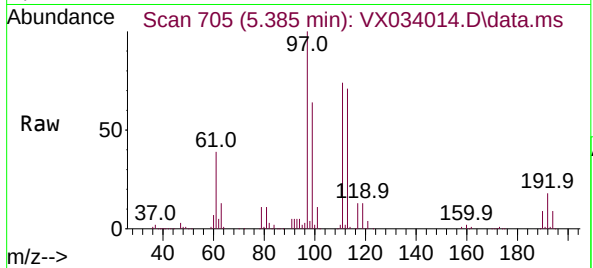
Tgt Ion:114 Resp: 216767
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 37.4
 88 14.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 152.096 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

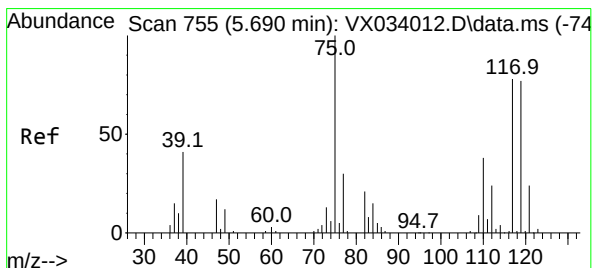
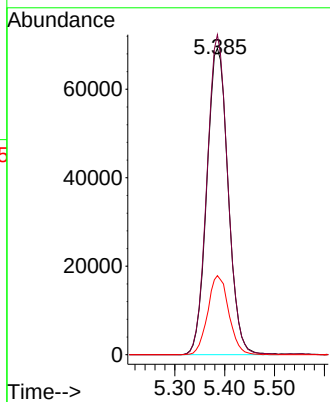
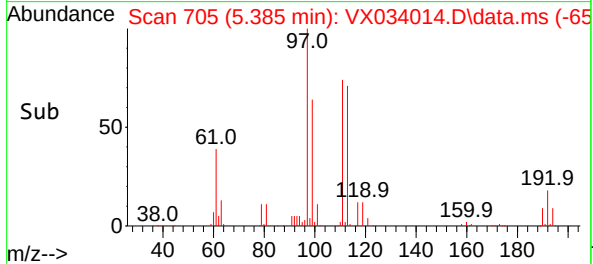
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



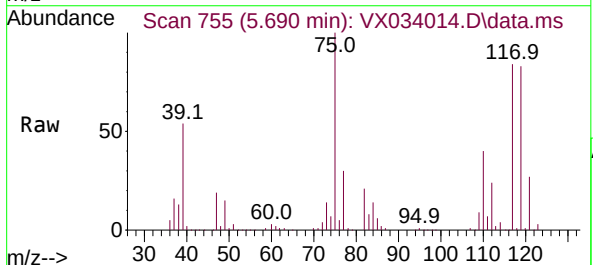
Tgt Ion: 113 Resp: 205880
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 25.4 19.0 28.4

Manual Integrations
APPROVED

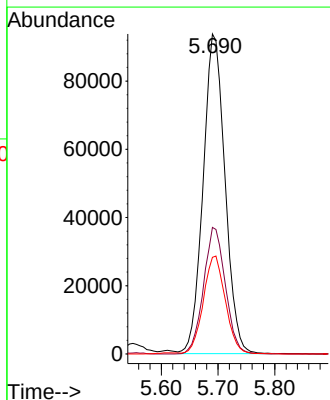
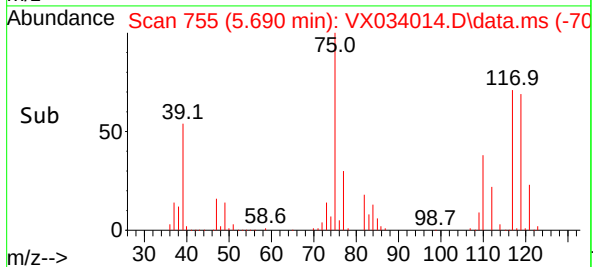
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

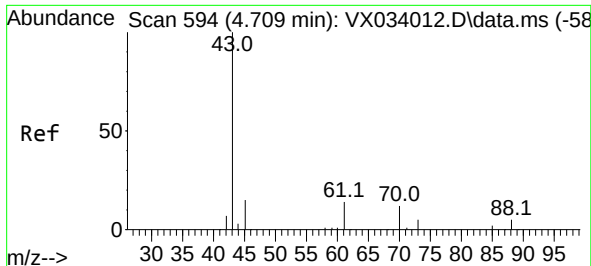


#36
1,1-Dichloropropene
Concen: 128.190 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41



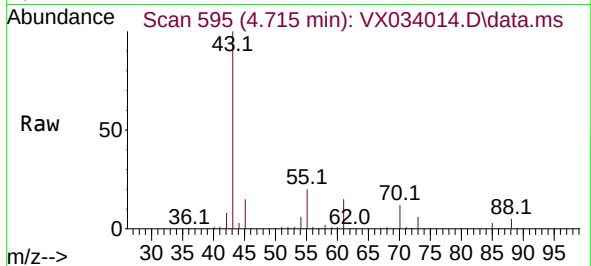
Tgt Ion: 75 Resp: 251621
Ion Ratio Lower Upper
75 100
110 39.4 18.8 56.4
77 31.0 25.1 37.7





#37
Ethyl Acetate
Concen: 113.762 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

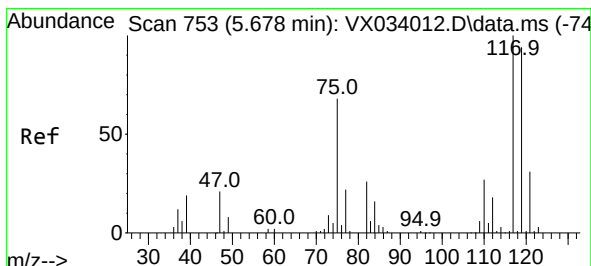
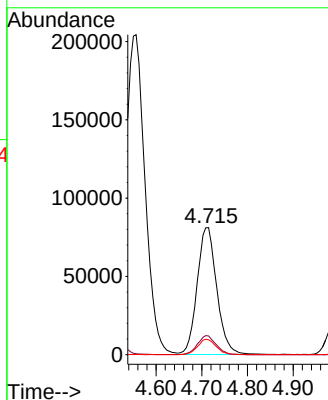
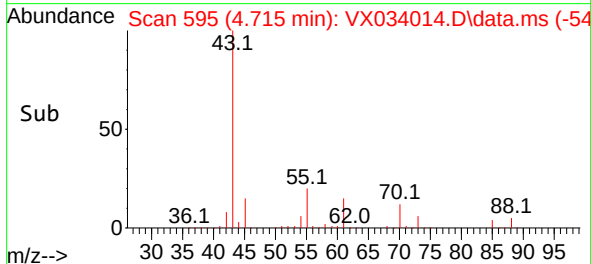
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 24196
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 11.5 8.5 12.7

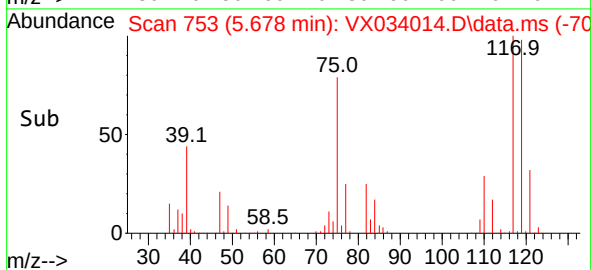
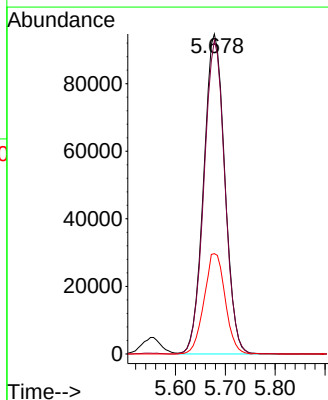
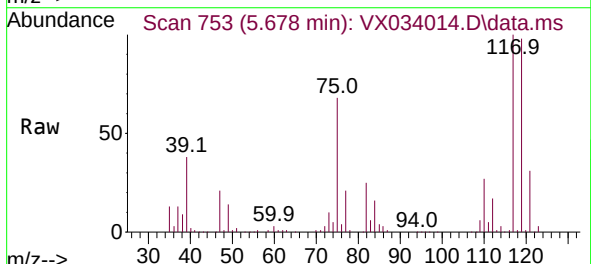
Manual Integrations
APPROVED

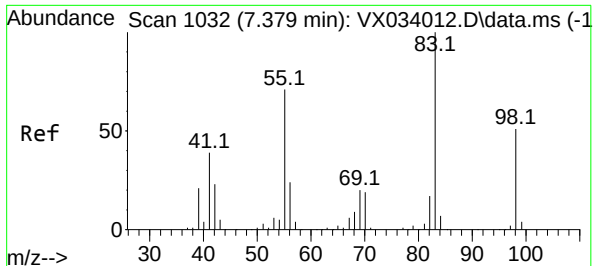
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#38
Carbon Tetrachloride
Concen: 137.114 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Tgt Ion:117 Resp: 278822
Ion Ratio Lower Upper
117 100
119 98.0 78.0 117.0
121 31.4 24.4 36.6





#39

Methylcyclohexane

Concen: 131.880 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 320639

Ion Ratio Lower Upper

83 100

55 72.5 61.8 92.6

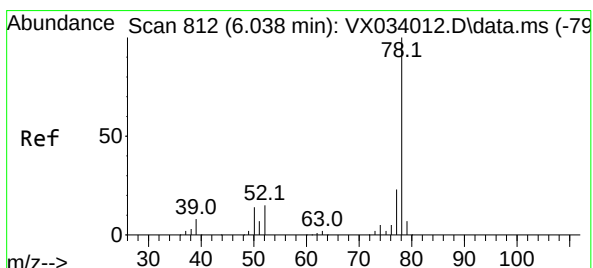
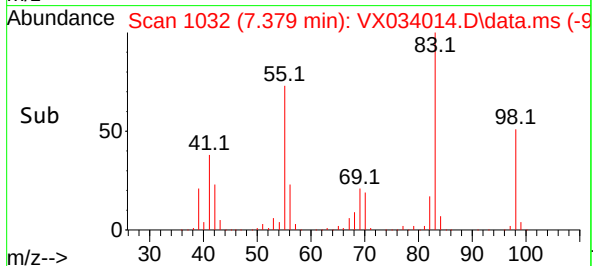
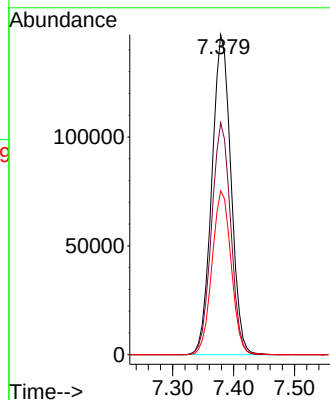
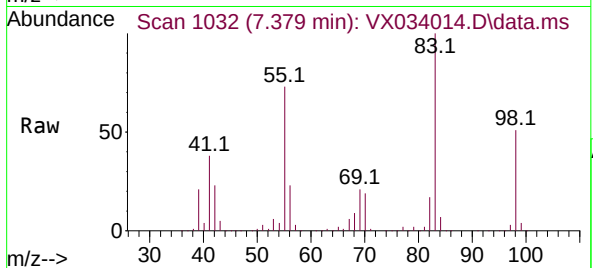
98 51.2 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#40

Benzene

Concen: 128.013 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX034014.D

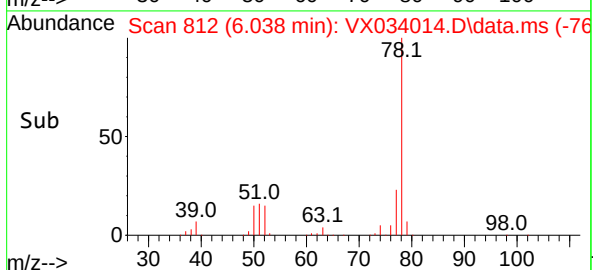
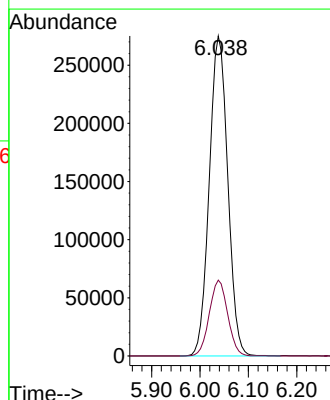
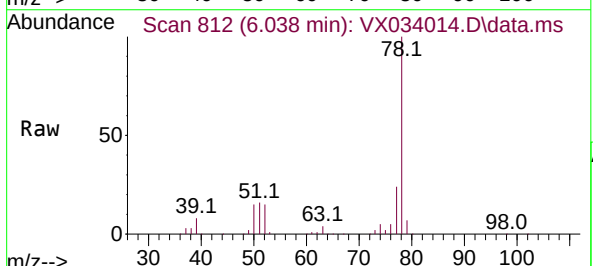
Acq: 03 Feb 2023 16:41

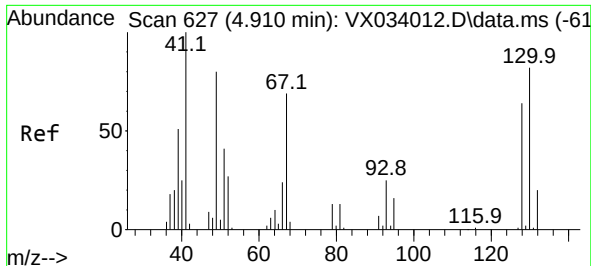
Tgt Ion: 78 Resp: 730986

Ion Ratio Lower Upper

78 100

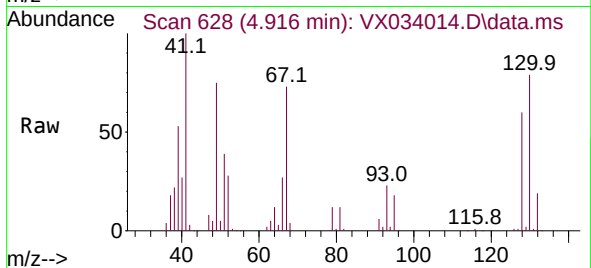
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 132.329 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

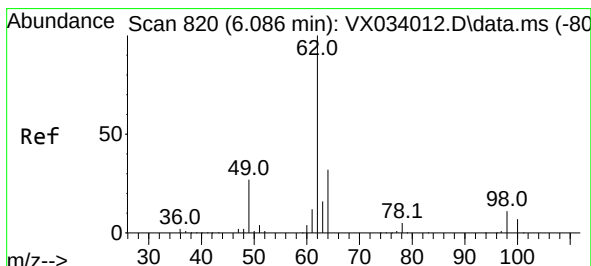
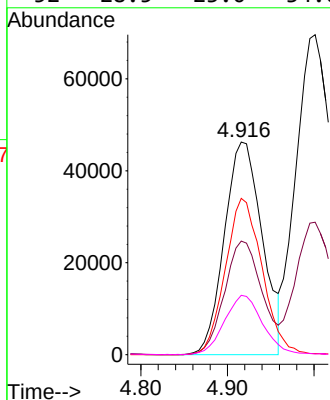
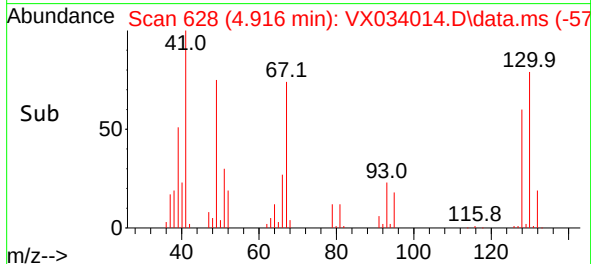
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 14065
Ion Ratio Lower Upper
41 100
39 53.0 43.8 65.6
67 71.8 54.8 82.2
52 28.5 23.0 34.6

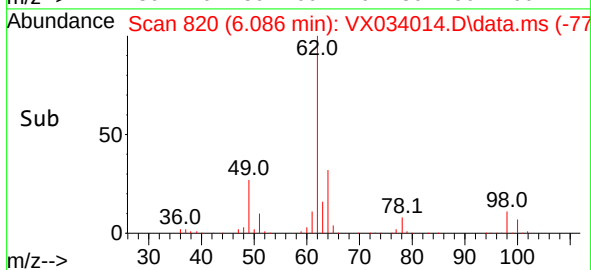
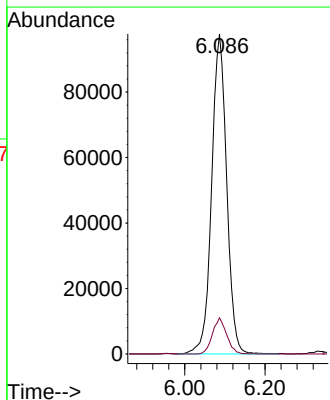
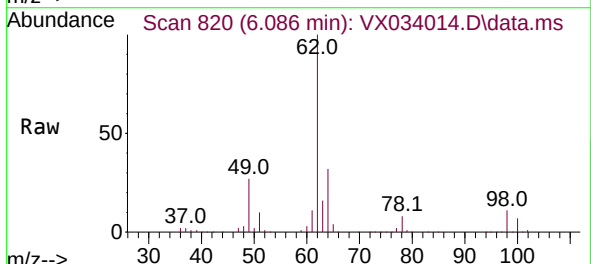
Manual Integrations
APPROVED

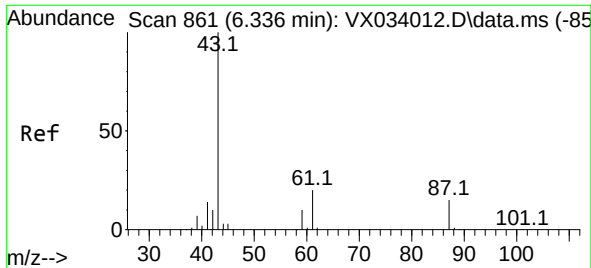
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#42
1,2-Dichloroethane
Concen: 126.331 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

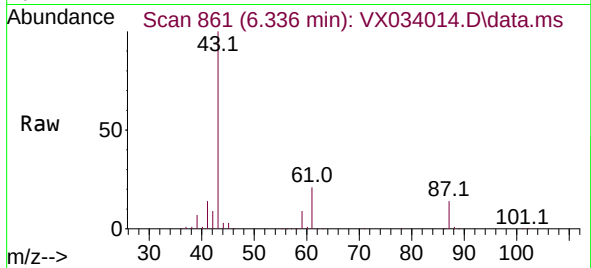
Tgt Ion: 62 Resp: 253964
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2





#43
Isopropyl Acetate
Concen: 129.711 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

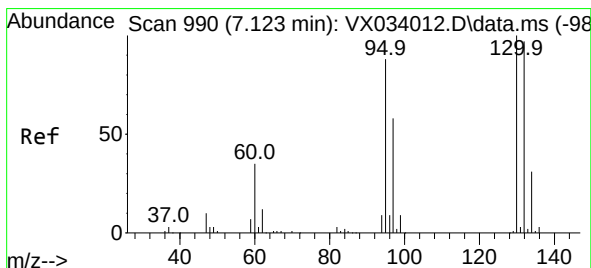
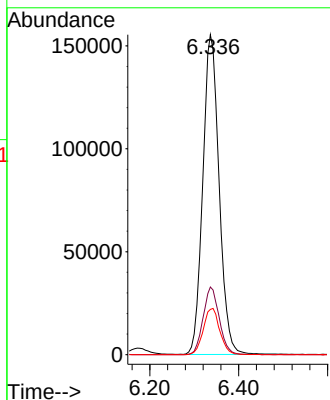
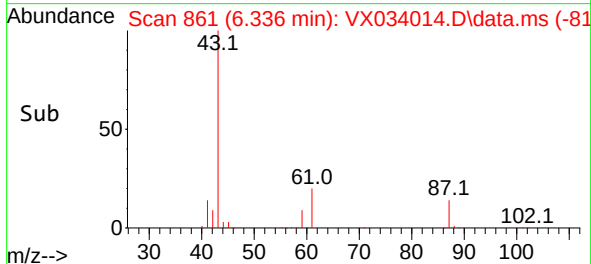
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



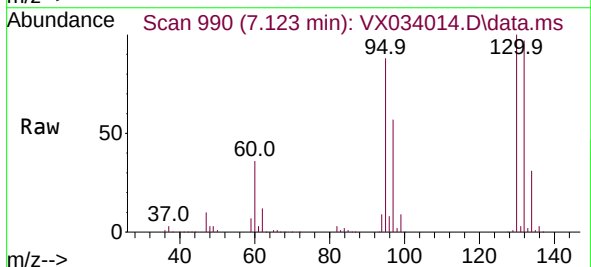
Tgt Ion: 43 Resp: 397370
Ion Ratio Lower Upper
43 100
61 20.9 15.7 23.5
87 14.6 10.6 15.8

Manual Integrations
APPROVED

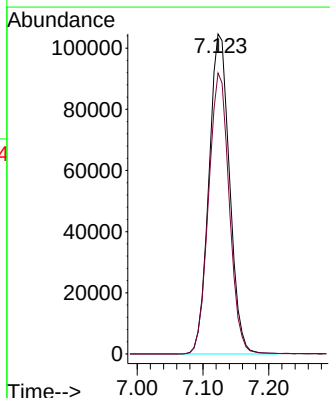
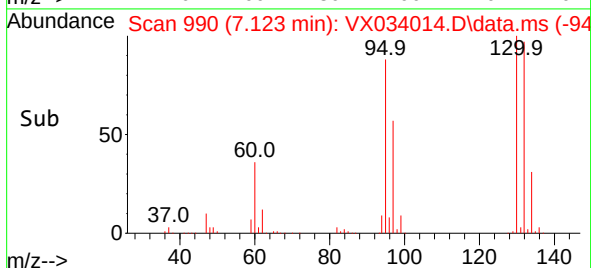
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

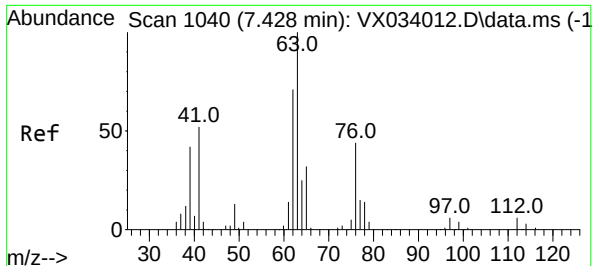


#44
Trichloroethene
Concen: 141.171 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41



Tgt Ion:130 Resp: 228411
Ion Ratio Lower Upper
130 100
95 87.8 0.0 182.6





#45

1,2-Dichloropropane

Concen: 129.214 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 18426

Ion Ratio Lower Upper

63 100

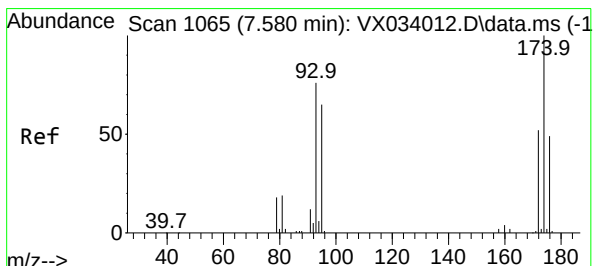
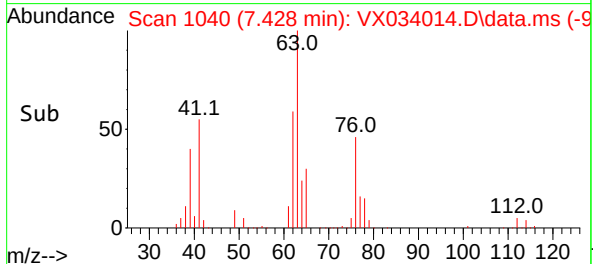
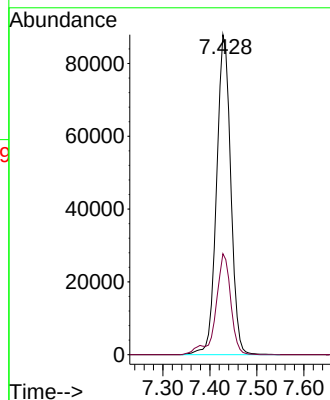
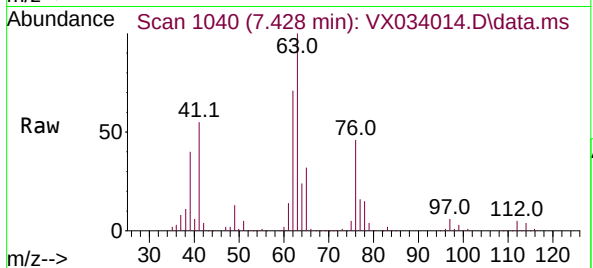
65 31.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#46

Dibromomethane

Concen: 133.500 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

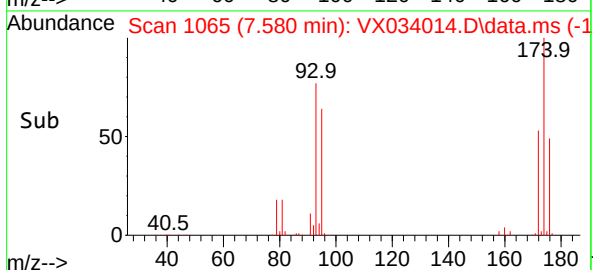
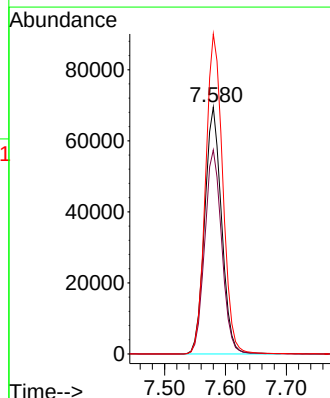
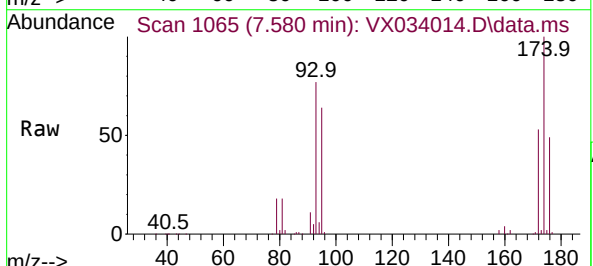
Tgt Ion: 93 Resp: 133660

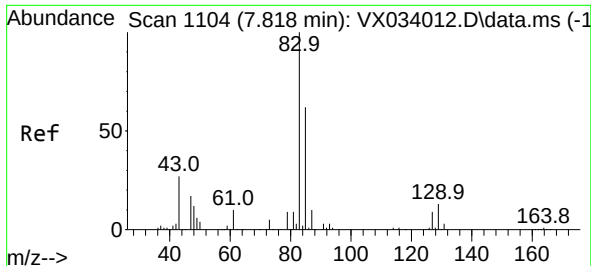
Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

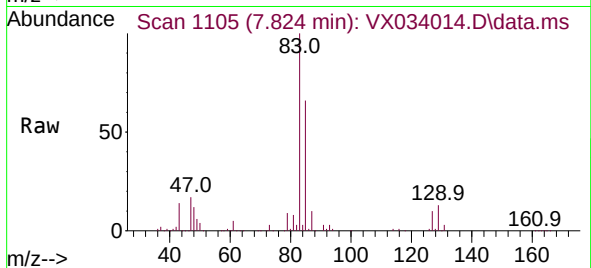
174 131.6 97.4 146.0





#47
Bromodichloromethane
Concen: 135.293 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

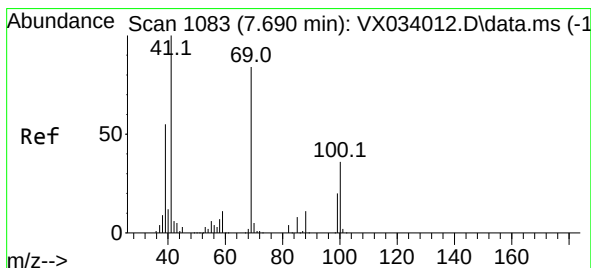
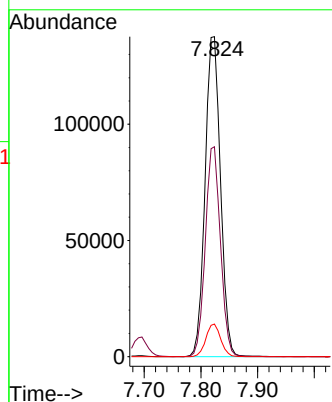
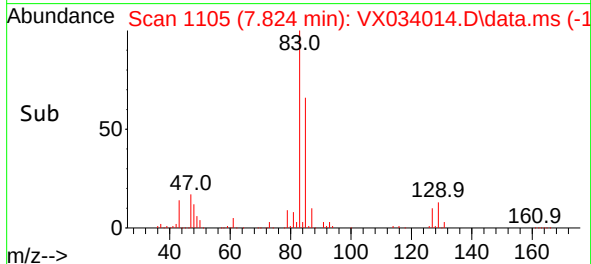
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 259928
Ion Ratio Lower Upper
83 100
85 65.5 49.8 74.6
127 10.2 7.0 10.4

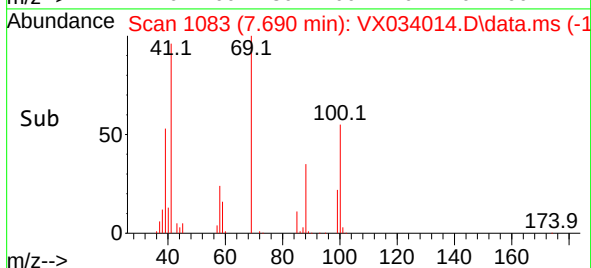
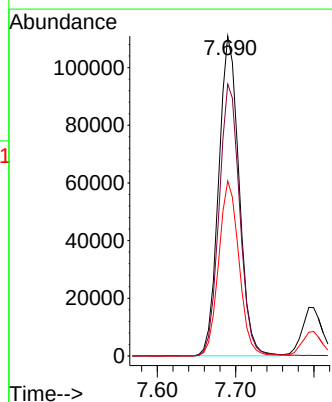
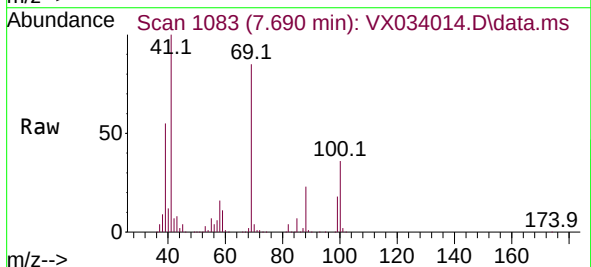
Manual Integrations
APPROVED

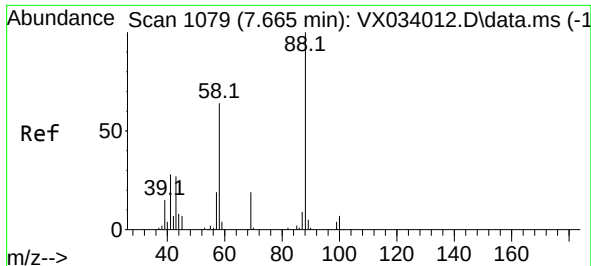
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#48
Methyl methacrylate
Concen: 130.262 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Tgt Ion: 41 Resp: 200571
Ion Ratio Lower Upper
41 100
69 86.1 63.1 94.7
39 54.4 43.2 64.8





#49

1,4-Dioxane

Concen: 2077.949 ug/l

RT: 7.684 min Scan# 1079

Delta R.T. 0.018 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

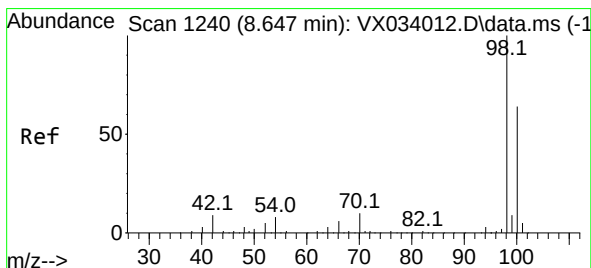
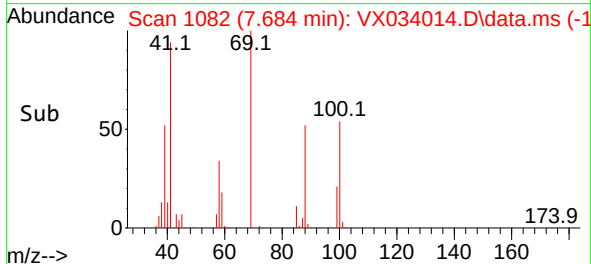
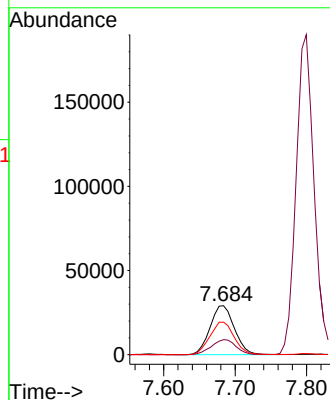
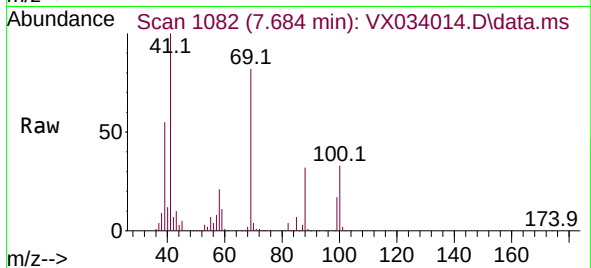
Tgt Ion: 88 Resp: 6888
 Ion Ratio Lower Upper
 88 100
 43 31.5 0.0 0.0
 58 66.6 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#50

Toluene-d8

Concen: 149.306 ug/l

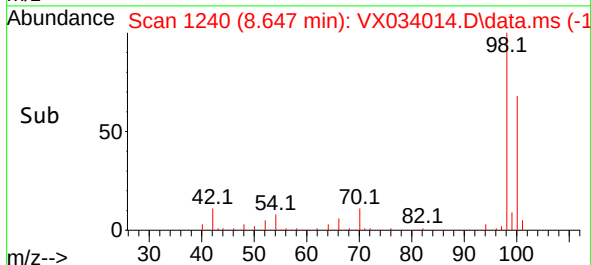
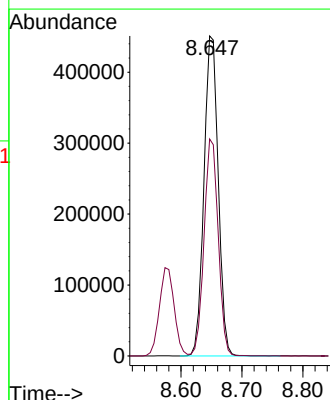
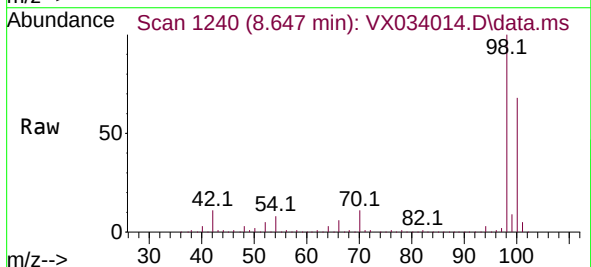
RT: 8.647 min Scan# 1240

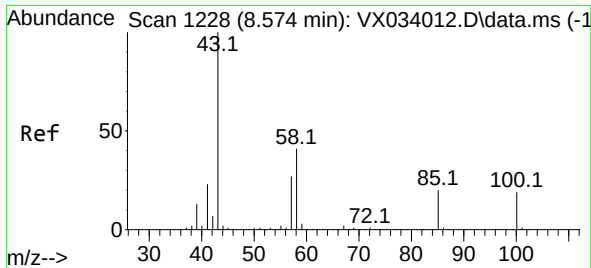
Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Tgt Ion: 98 Resp: 732411
 Ion Ratio Lower Upper
 98 100
 100 67.4 53.6 80.4





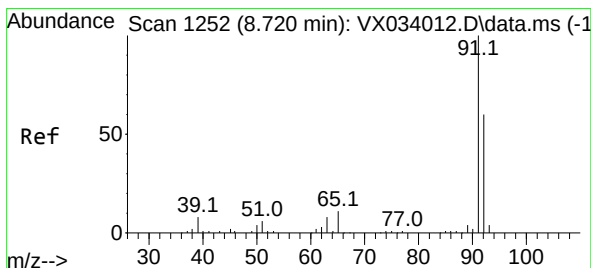
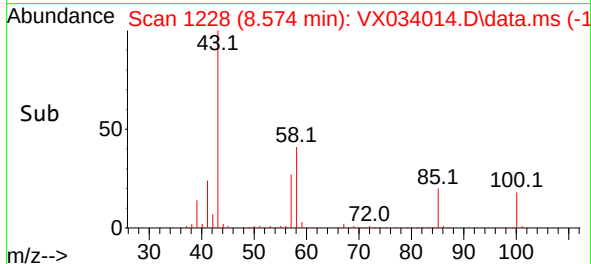
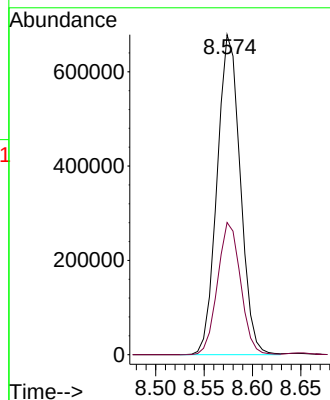
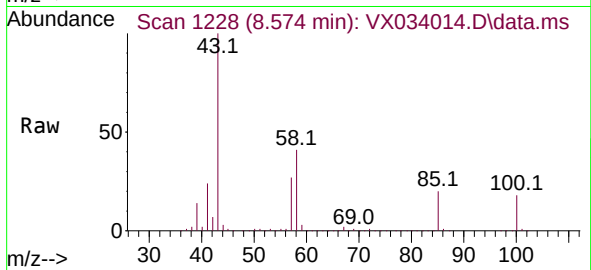
#51
4-Methyl-2-Pentanone
Concen: 602.913 ug/l
RT: 8.574 min Scan# 1122
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1129220
Ion Ratio Lower Upper
43 100
58 41.1 31.2 46.8

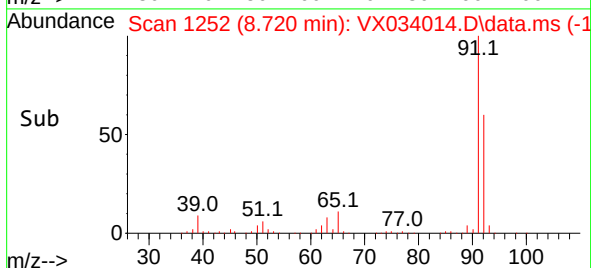
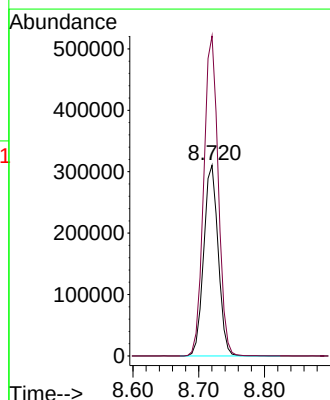
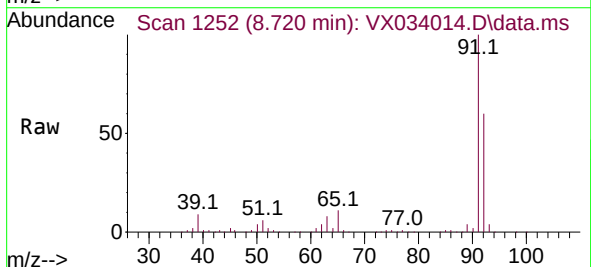
Manual Integrations
APPROVED

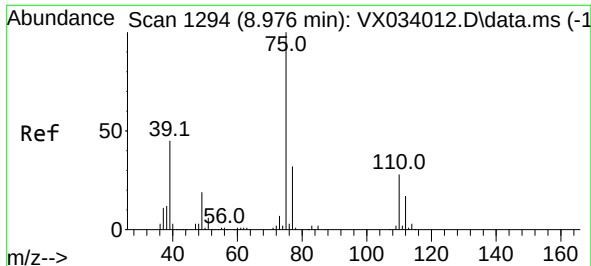
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#52
Toluene
Concen: 128.905 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Tgt Ion: 92 Resp: 474674
Ion Ratio Lower Upper
92 100
91 168.2 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 149.097 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 286199

Ion Ratio Lower Upper

75 100

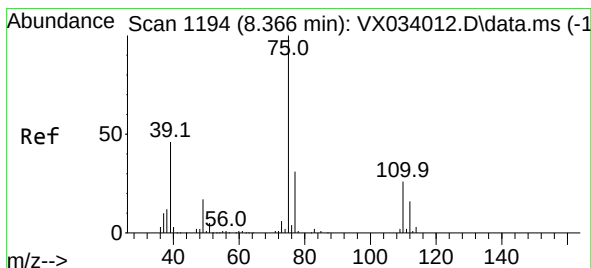
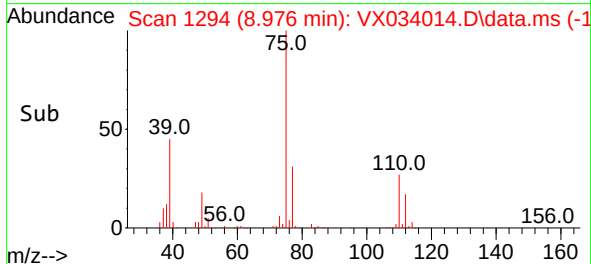
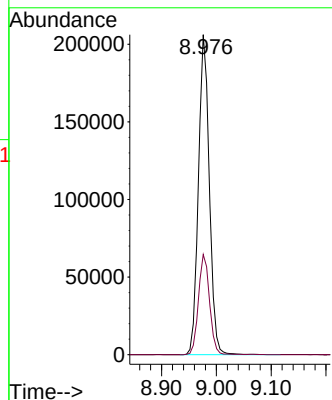
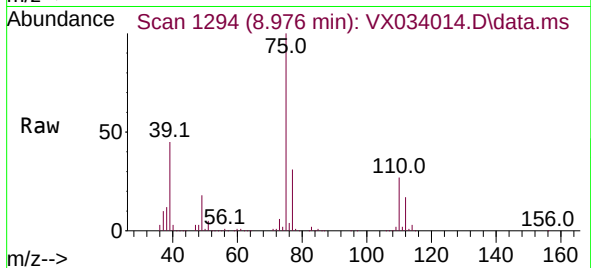
77 31.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#54

cis-1,3-Dichloropropene

Concen: 143.964 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

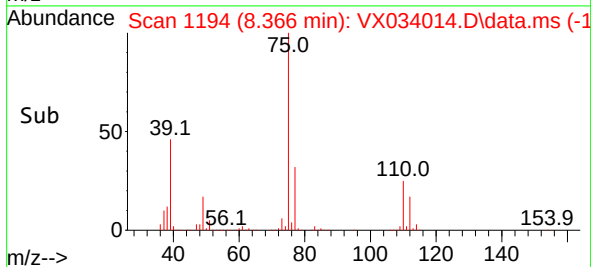
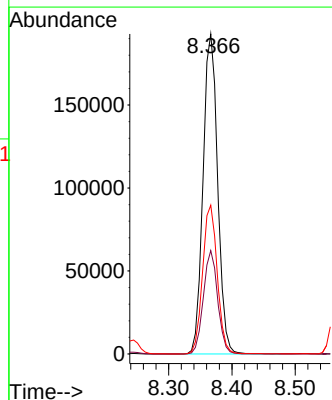
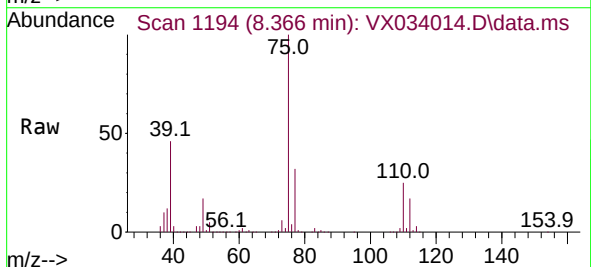
Tgt Ion: 75 Resp: 310365

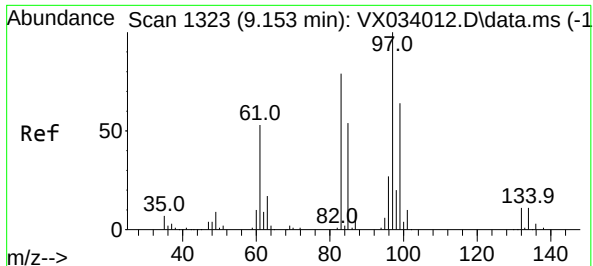
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6

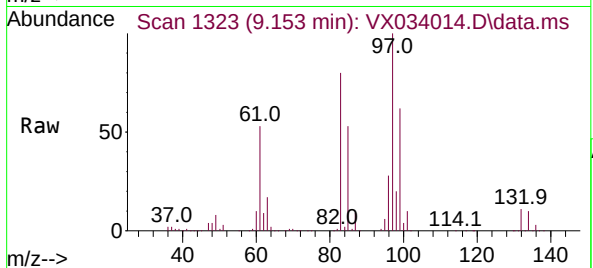
39 46.5 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 129.746 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

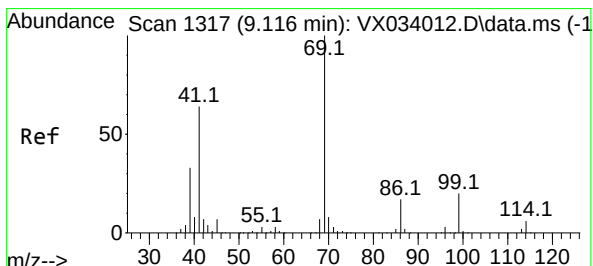
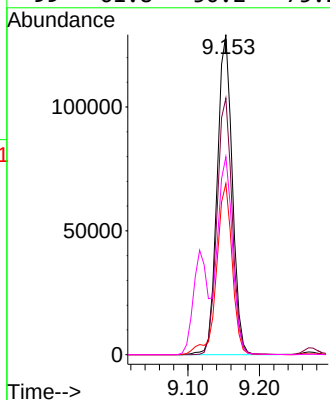
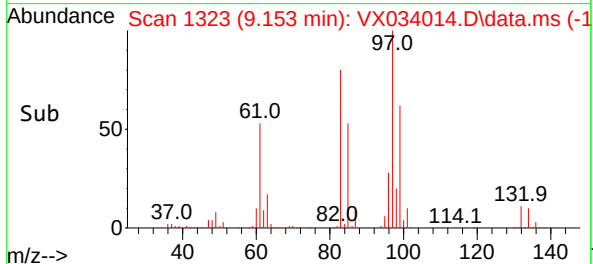


Tgt Ion: 97 Resp: 18990

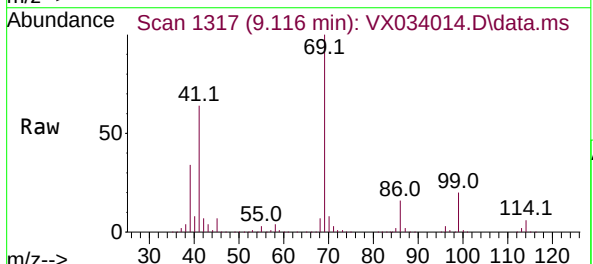
Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.4	101.0
85	53.5	43.2	64.8
99	61.8	50.2	75.2

Manual Integrations
APPROVED

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

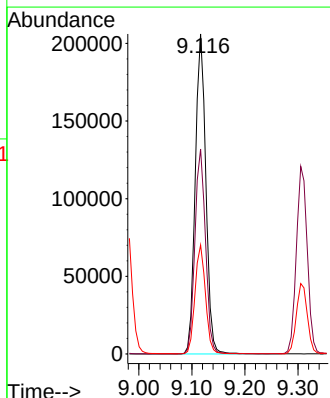
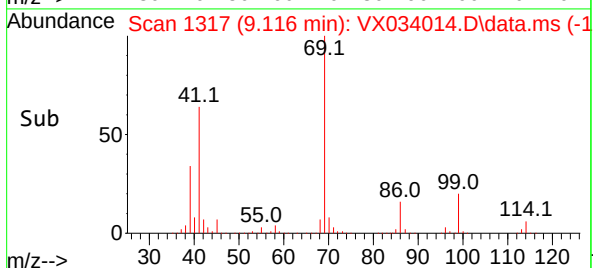


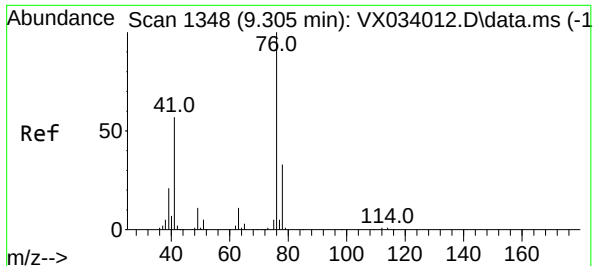
#56
Ethyl methacrylate
Concen: 139.103 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41



Tgt Ion: 69 Resp: 285180

Ion	Ratio	Lower	Upper
69	100		
41	64.1	55.1	82.7
39	33.7	28.5	42.7





#57

1,3-Dichloropropane

Concen: 130.471 ug/l

RT: 9.305 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 307670

Ion Ratio Lower Upper

76 100

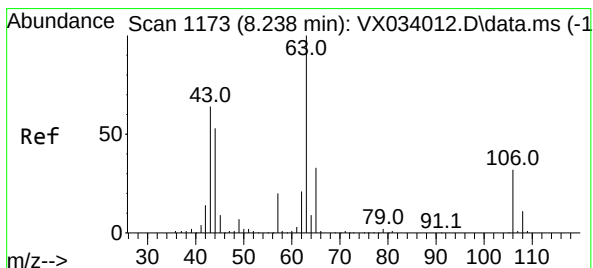
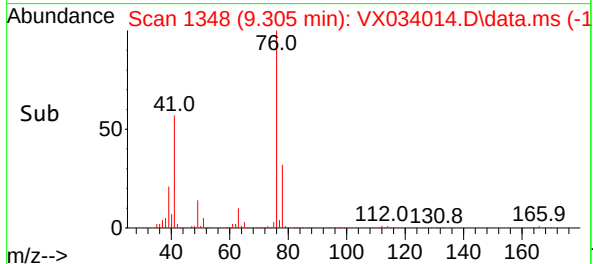
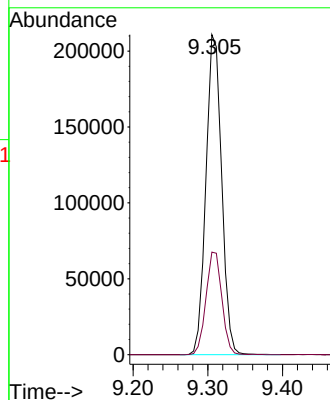
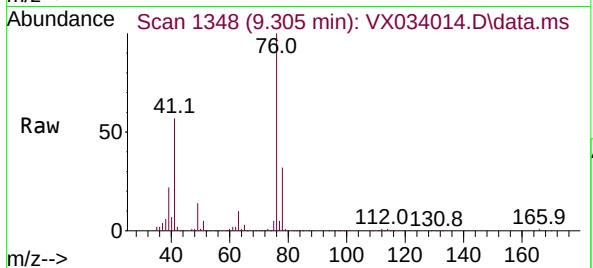
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 662.355 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034014.D

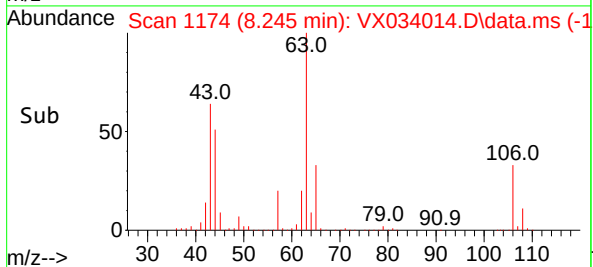
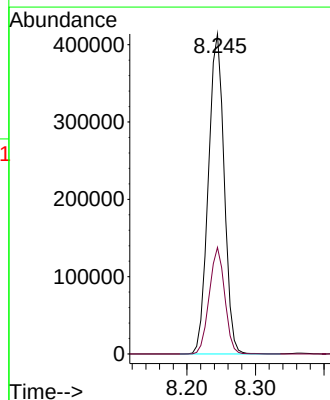
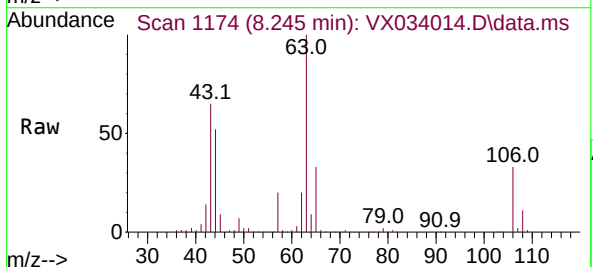
Acq: 03 Feb 2023 16:41

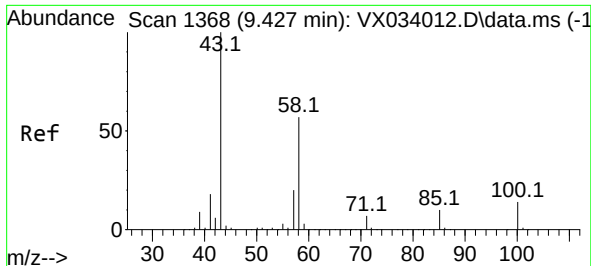
Tgt Ion: 63 Resp: 663612

Ion Ratio Lower Upper

63 100

106 32.5 24.5 36.7





#59

2-Hexanone

Concen: 638.093 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 831234

Ion Ratio Lower Upper

43 100

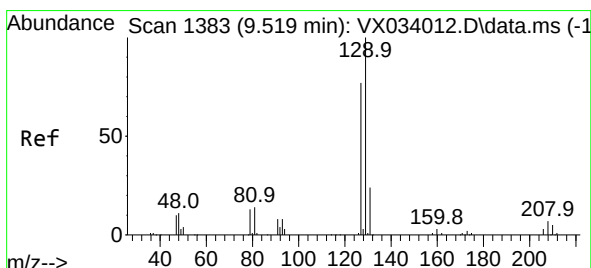
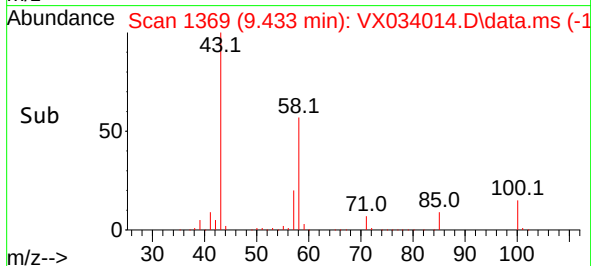
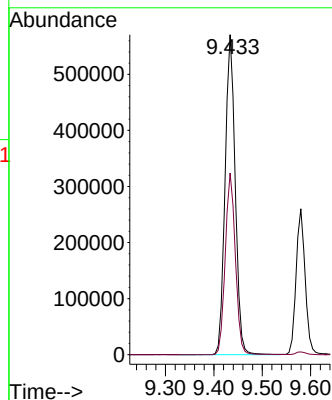
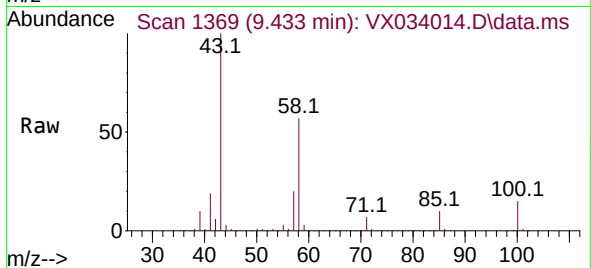
58 56.7 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#60

Dibromochloromethane

Concen: 148.532 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034014.D

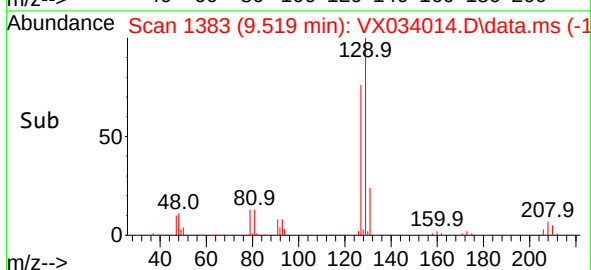
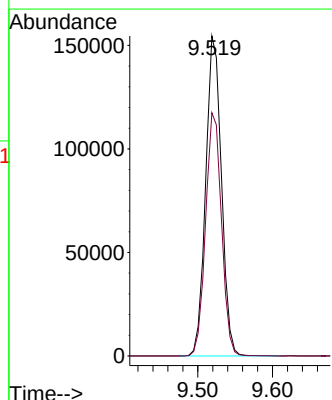
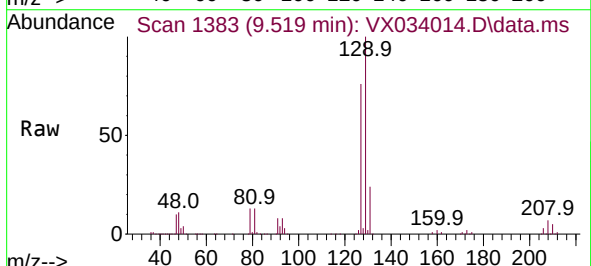
Acq: 03 Feb 2023 16:41

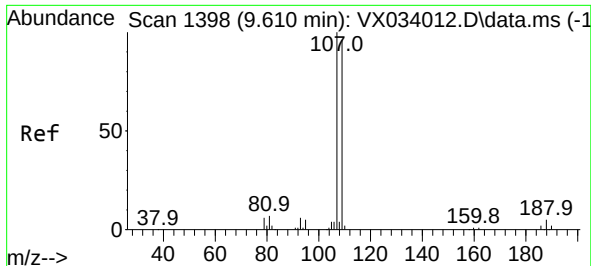
Tgt Ion:129 Resp: 225898

Ion Ratio Lower Upper

129 100

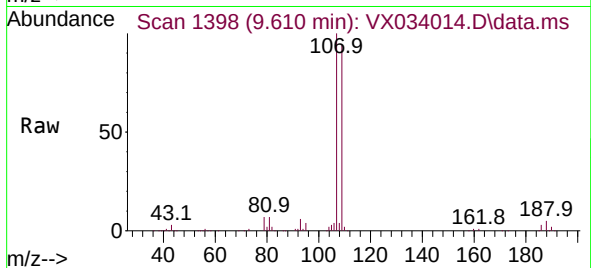
127 76.8 38.8 116.3





#61
1,2-Dibromoethane
Concen: 142.809 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

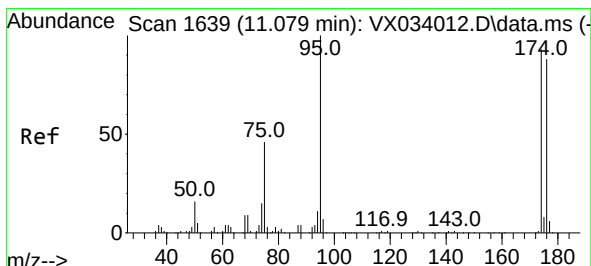
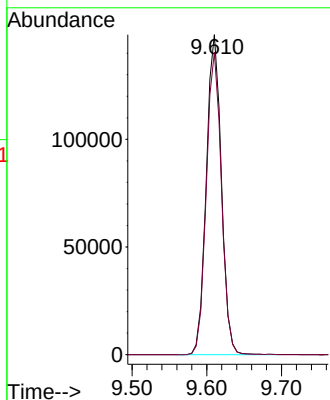
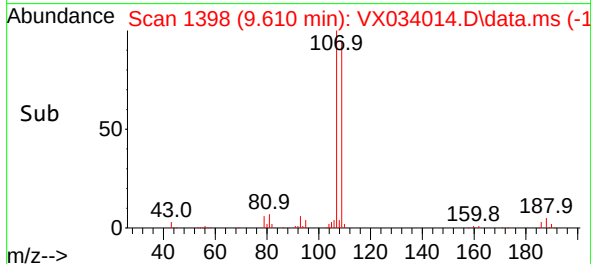
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



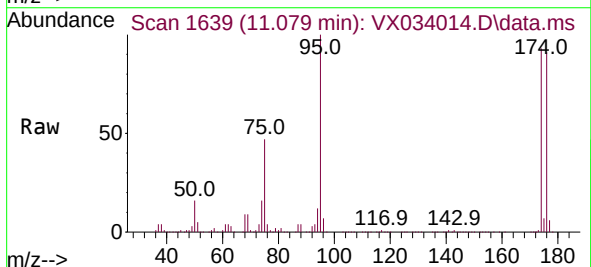
Tgt Ion:107 Resp: 207860
Ion Ratio Lower Upper
107 100
109 94.7 74.2 111.2

Manual Integrations
APPROVED

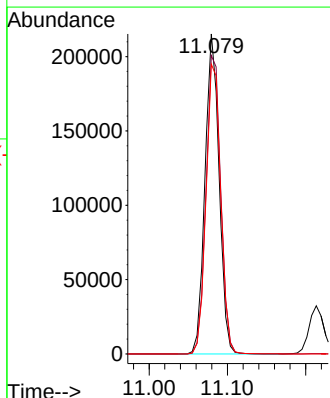
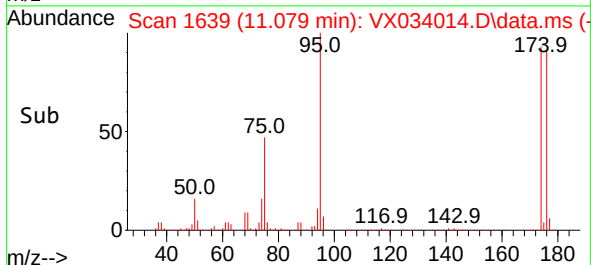
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

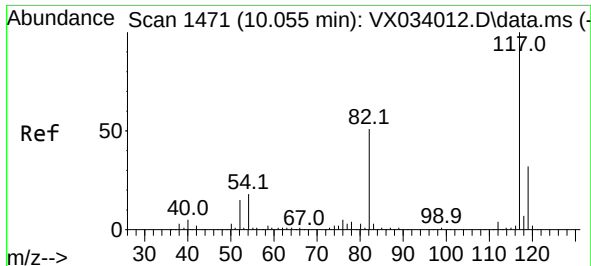


#62
4-Bromofluorobenzene
Concen: 148.491 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41



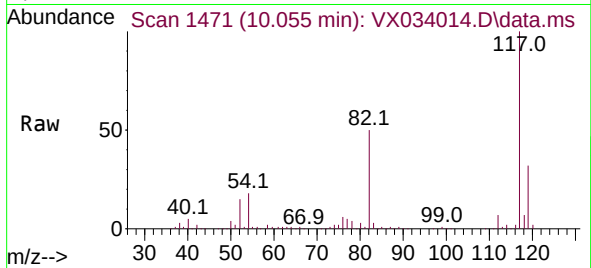
Tgt Ion: 95 Resp: 267978
Ion Ratio Lower Upper
95 100
174 97.5 0.0 184.4
176 94.5 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

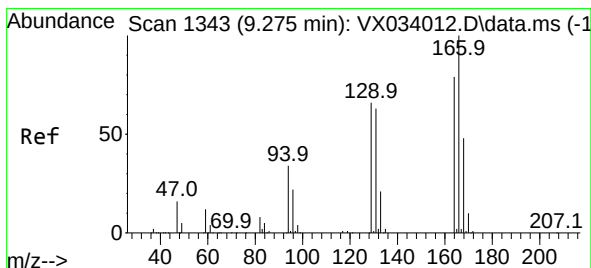
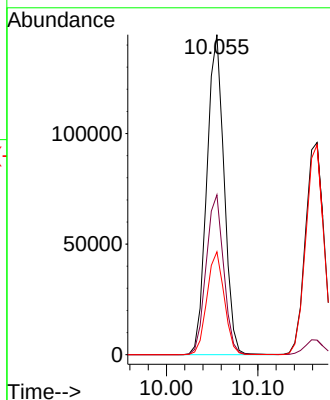
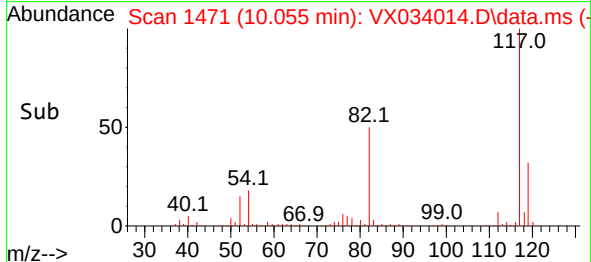
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 18911
Ion Ratio Lower Upper
117 100
82 50.0 40.6 60.8
119 32.1 25.6 38.4

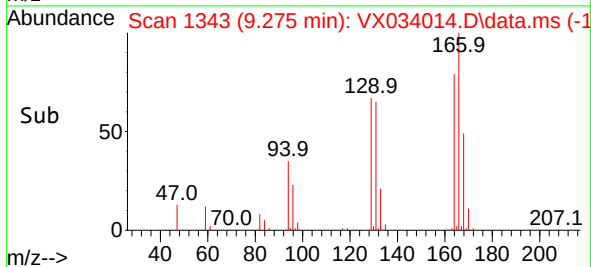
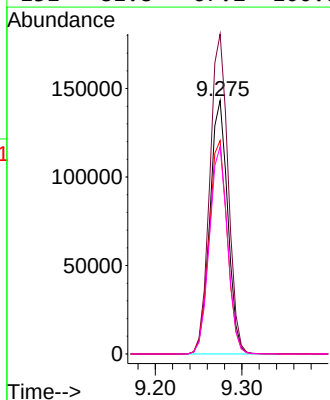
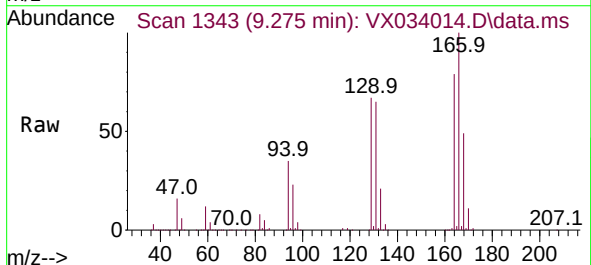
Manual Integrations
APPROVED

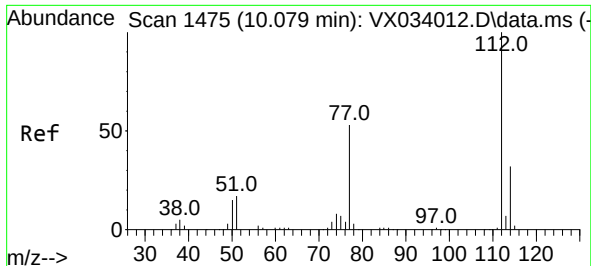
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#64
Tetrachloroethene
Concen: 139.480 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

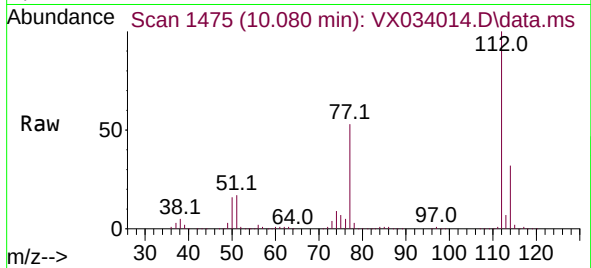
Tgt Ion:164 Resp: 205701
Ion Ratio Lower Upper
164 100
166 126.3 100.2 150.2
129 84.2 69.2 103.8
131 81.8 67.2 100.8





#65
Chlorobenzene
Concen: 133.495 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

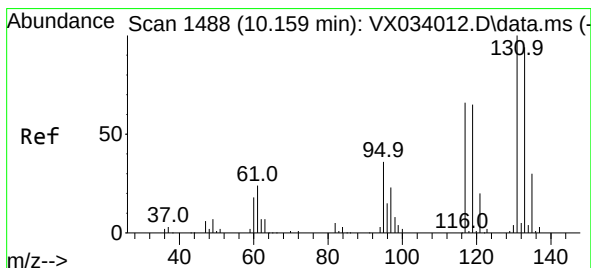
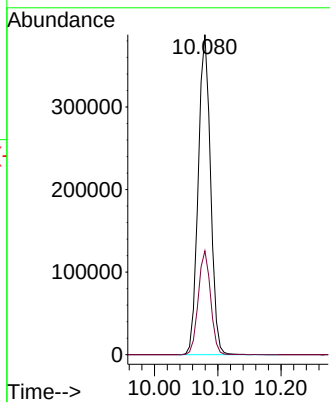
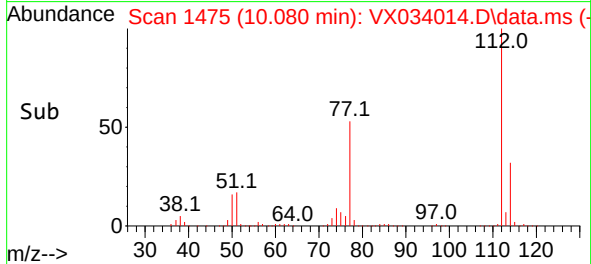
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 525700
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4

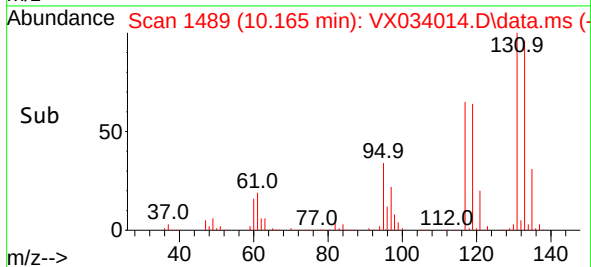
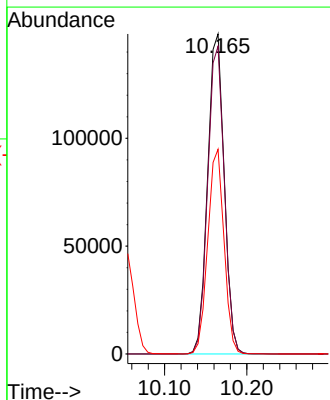
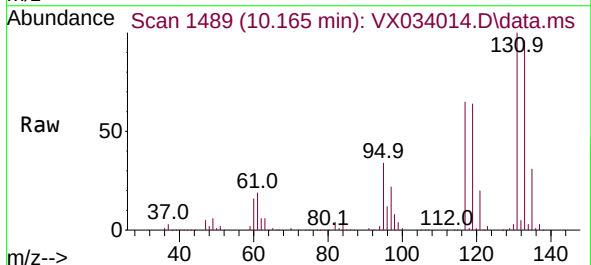
Manual Integrations
APPROVED

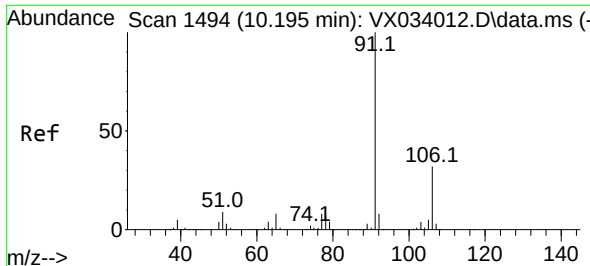
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 142.912 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

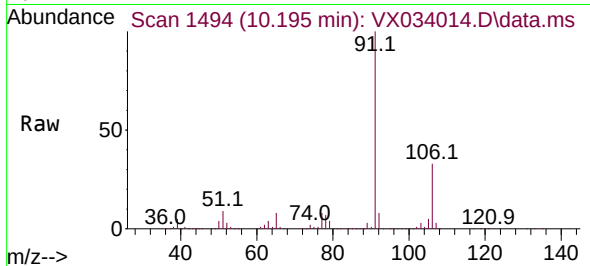
Tgt Ion:131 Resp: 207979
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.0
119 62.6 31.9 95.7





#67
Ethyl Benzene
Concen: 133.701 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

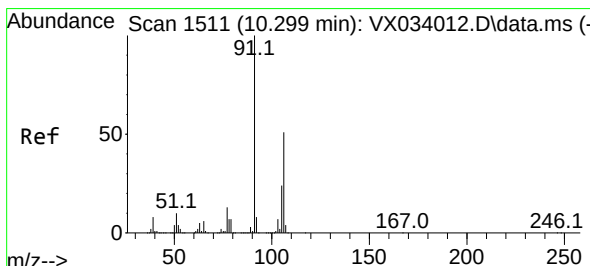
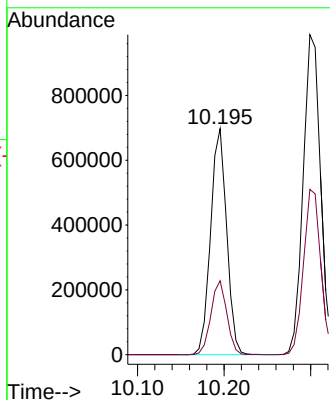
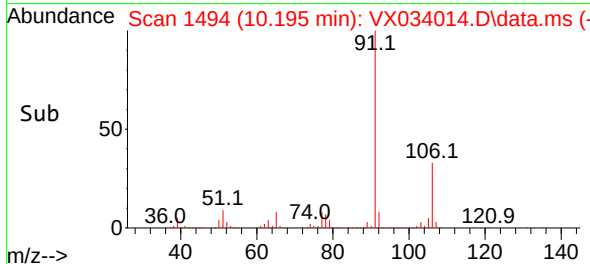
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



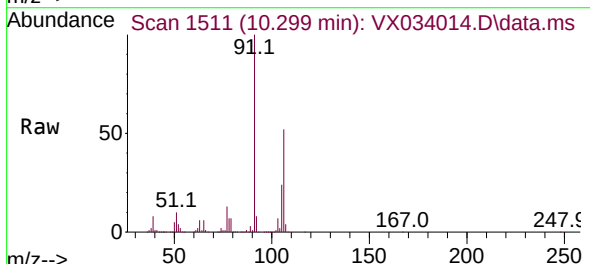
Tgt Ion: 91 Resp: 898895
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.8

Manual Integrations
APPROVED

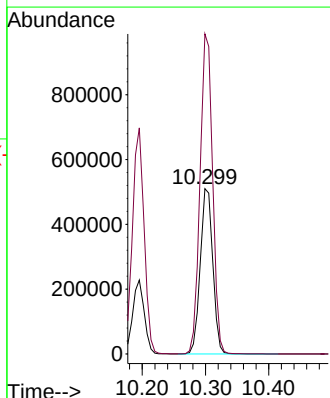
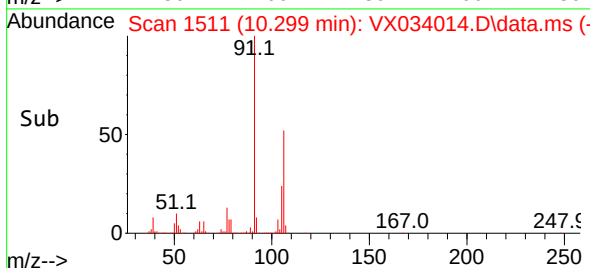
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

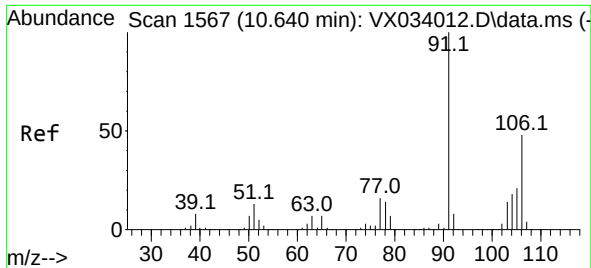


#68
m/p-Xylenes
Concen: 267.132 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41



Tgt Ion:106 Resp: 704466
Ion Ratio Lower Upper
106 100
91 194.5 156.4 234.6





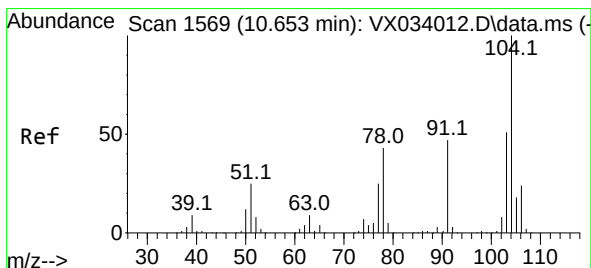
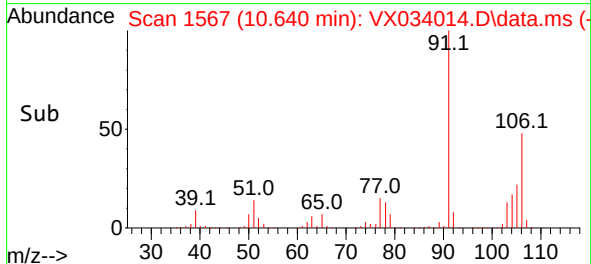
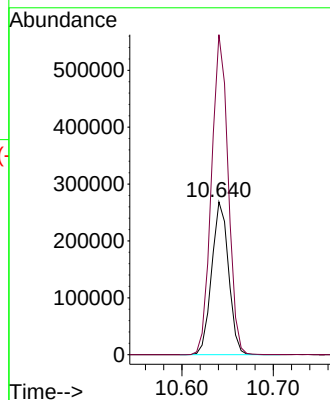
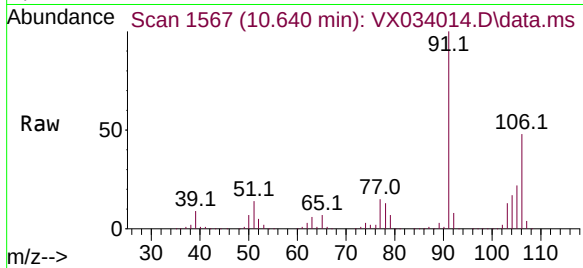
#69
o-Xylene
Concen: 131.799 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 343300
Ion Ratio Lower Upper
106 100
91 207.6 103.1 309.3

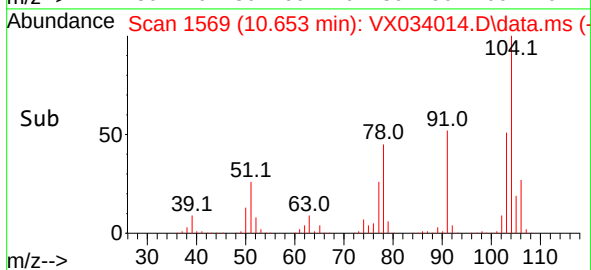
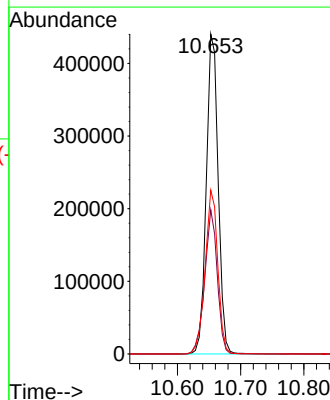
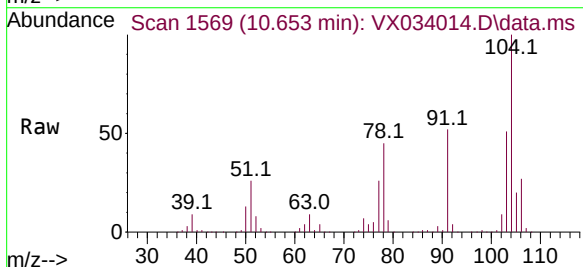
Manual Integrations
APPROVED

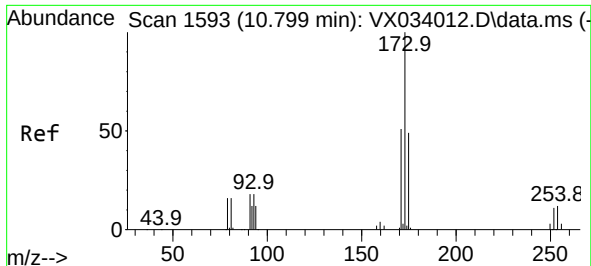
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#70
Styrene
Concen: 136.099 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

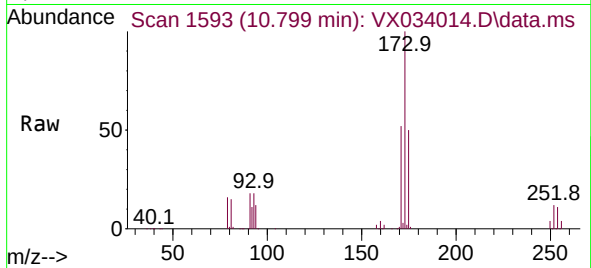
Tgt Ion:104 Resp: 576137
Ion Ratio Lower Upper
104 100
78 47.7 37.5 56.3
103 54.5 43.3 64.9





#71
Bromoform
Concen: 149.948 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

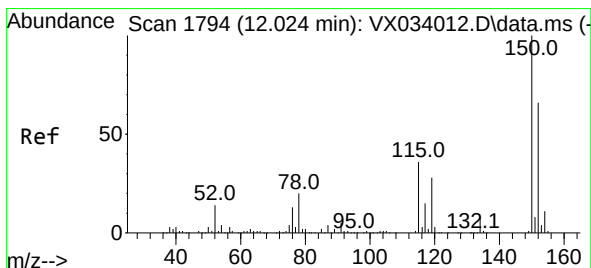
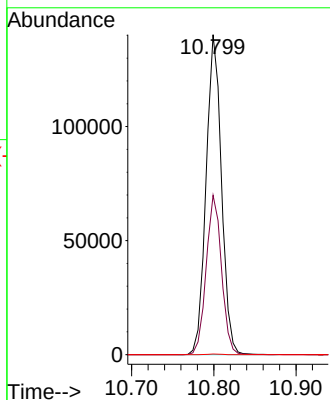
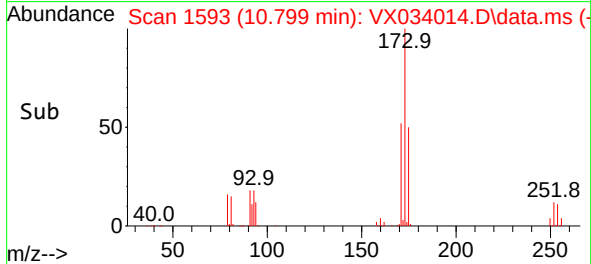
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:173 Resp: 182198
Ion Ratio Lower Upper
173 100
175 49.6 24.1 72.3
254 0.2 0.1 0.1

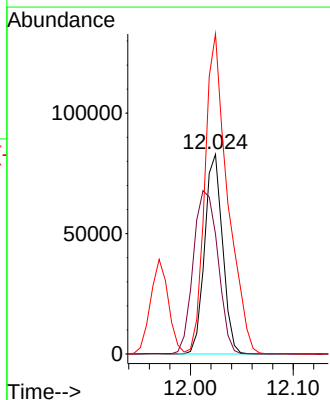
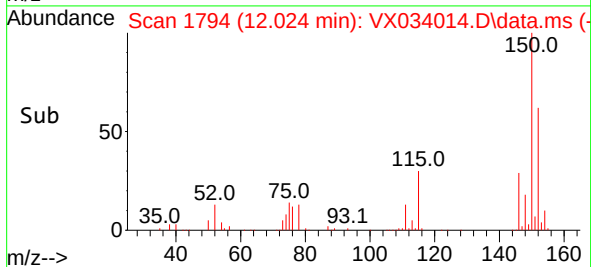
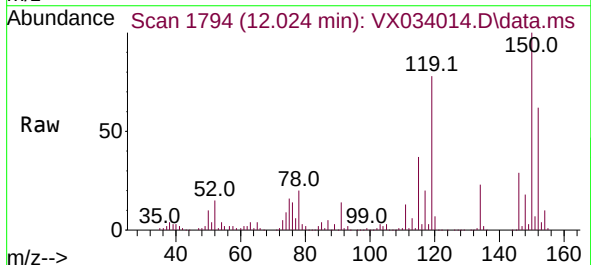
Manual Integrations
APPROVED

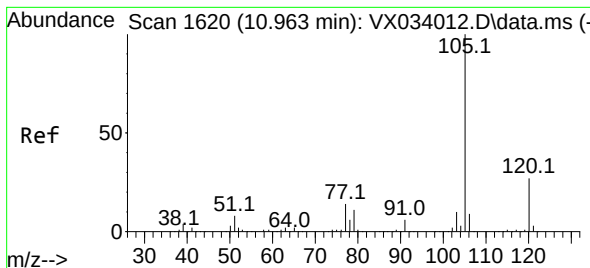
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Tgt Ion:152 Resp: 100805
Ion Ratio Lower Upper
152 100
115 112.3 38.7 116.1
150 203.1 0.0 348.2





#73

Isopropylbenzene

Concen: 121.824 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 89754

Ion Ratio Lower Upper

105 100

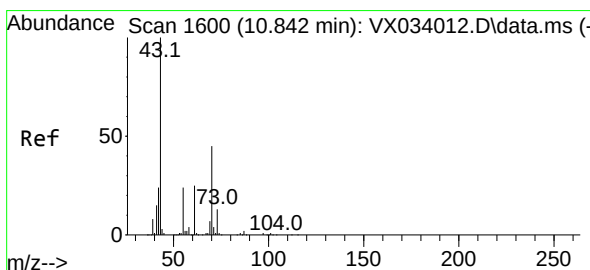
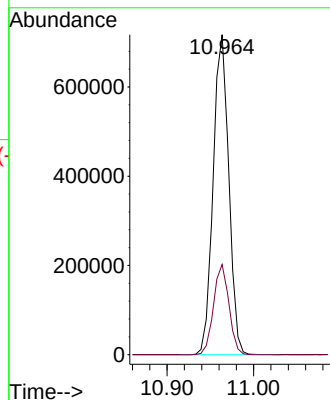
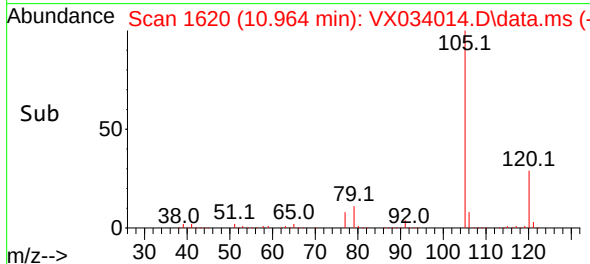
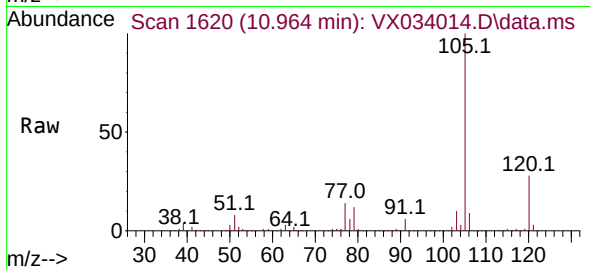
120 27.7 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#74

N-ethyl acetate

Concen: 126.995 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Tgt Ion: 43 Resp: 331074

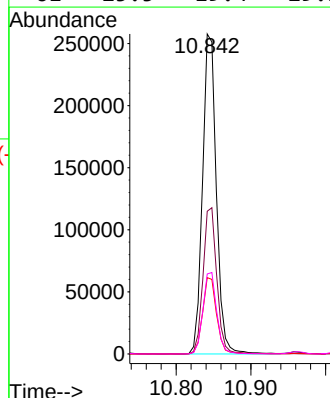
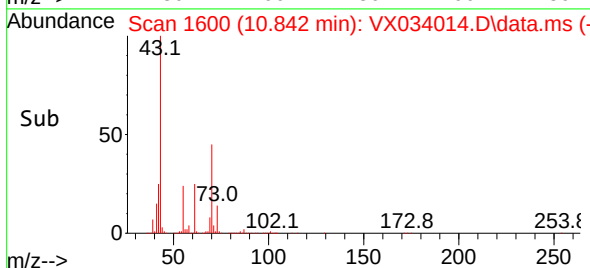
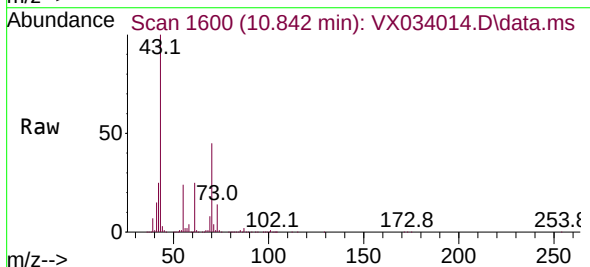
Ion Ratio Lower Upper

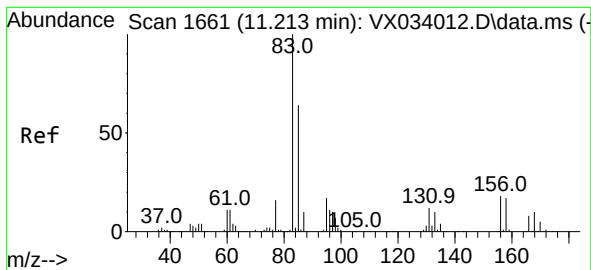
43 100

70 45.7 34.8 52.2

55 24.3 19.4 29.0

61 25.5 19.4 29.2





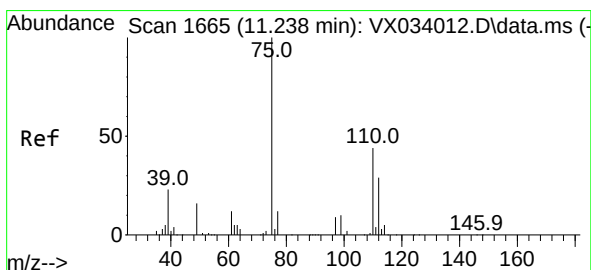
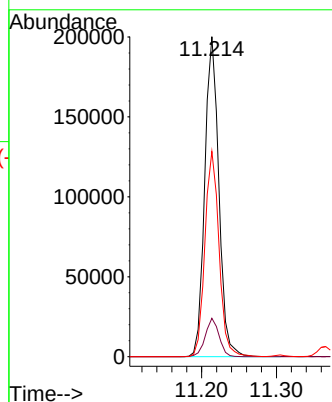
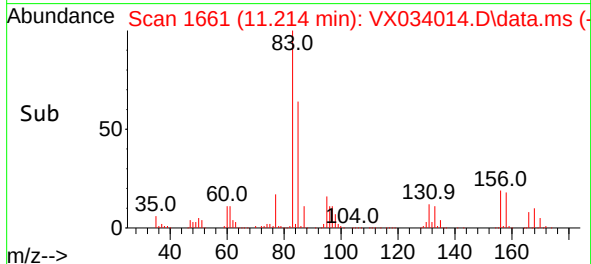
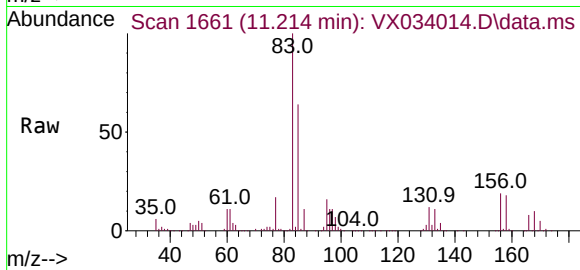
#75
1,1,2,2-Tetrachloroethane
Concen: 118.355 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 26143
Ion Ratio Lower Upper
83 100
131 11.8 5.5 16.7
85 64.5 32.3 96.9

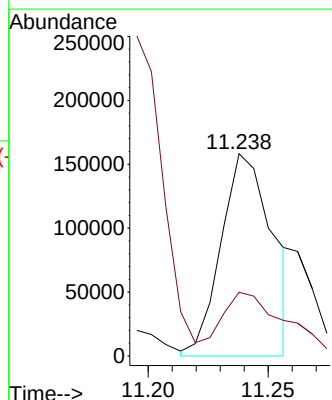
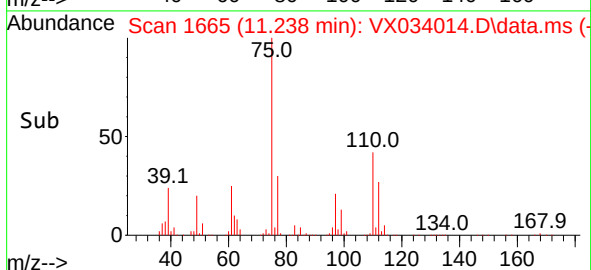
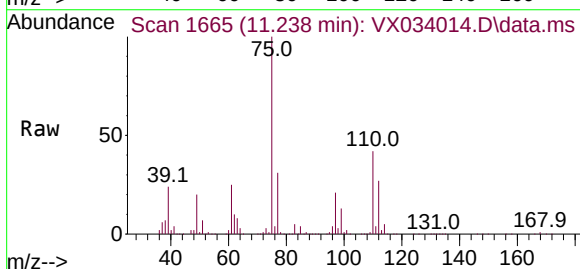
Manual Integrations
APPROVED

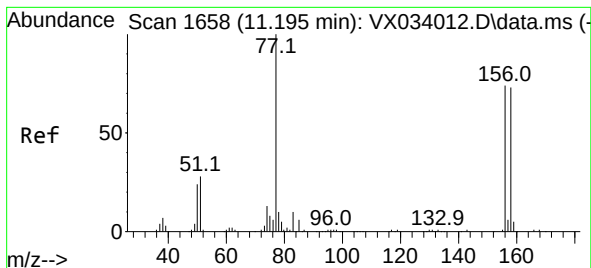
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#76
1,2,3-Trichloropropane
Concen: 127.514 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Tgt Ion: 75 Resp: 236224
Ion Ratio Lower Upper
75 100
77 39.5 21.8 65.4





#77

Bromobenzene

Concen: 124.649 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

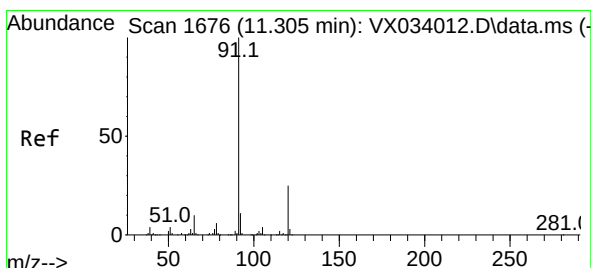
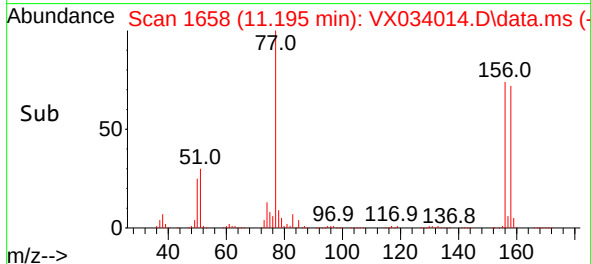
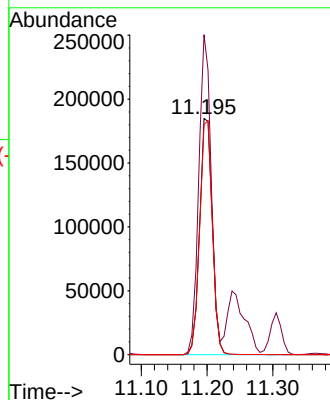
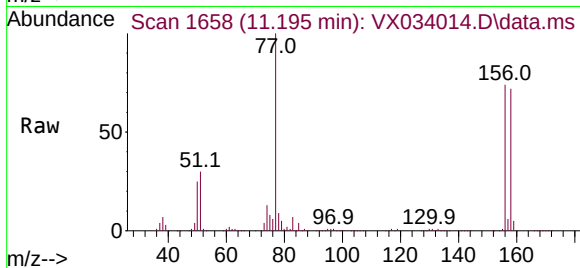
Tgt Ion:156 Resp: 248985
 Ion Ratio Lower Upper
 156 100
 77 131.2 68.1 204.3
 158 98.1 48.0 144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#78

n-propylbenzene

Concen: 123.058 ug/l

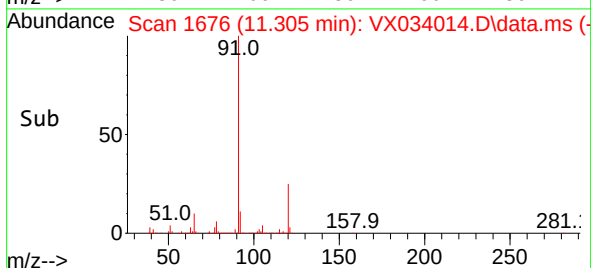
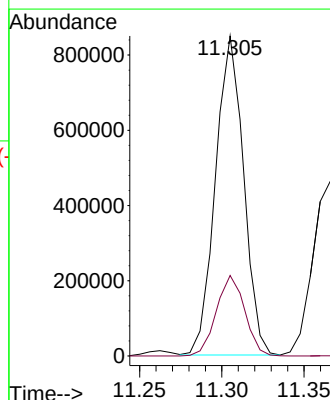
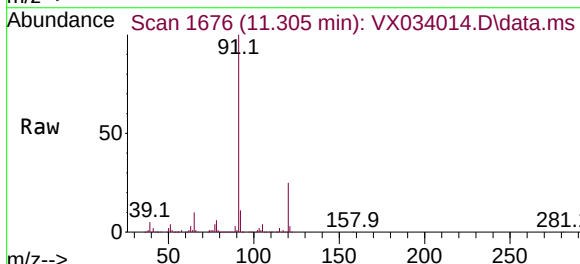
RT: 11.305 min Scan# 1676

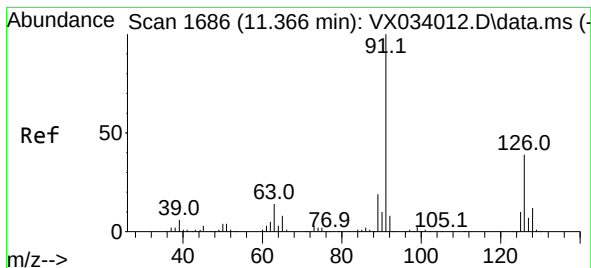
Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Tgt Ion: 91 Resp: 1009774
 Ion Ratio Lower Upper
 91 100
 120 25.5 12.3 36.8





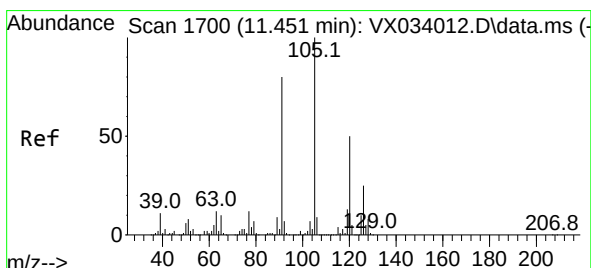
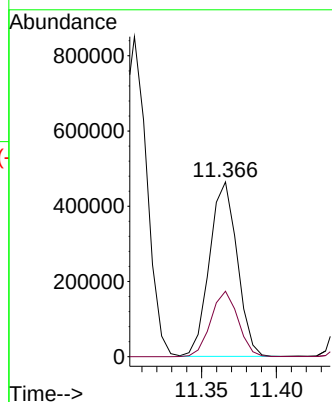
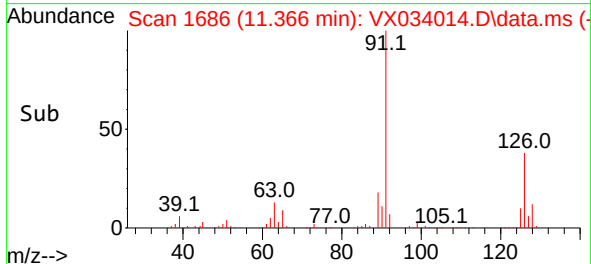
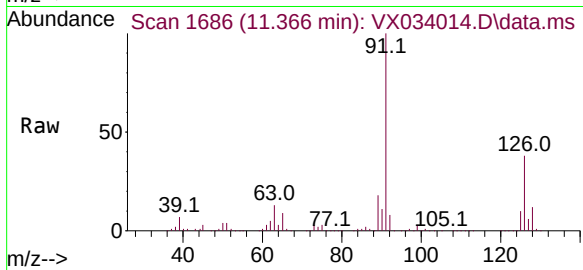
#79
2-Chlorotoluene
Concen: 119.734 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 597850
Ion Ratio Lower Upper
91 100
126 36.9 18.1 54.1

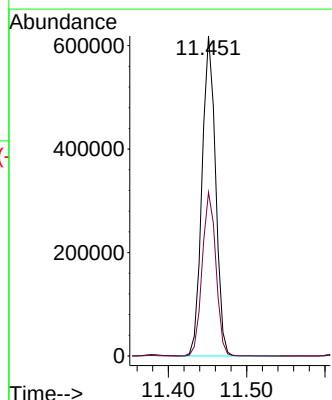
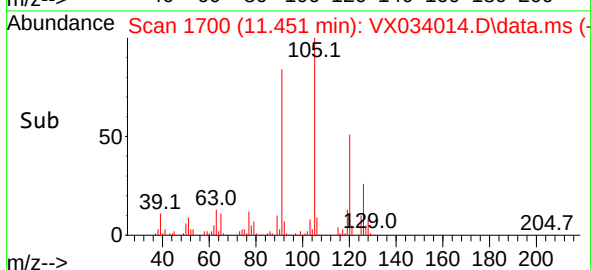
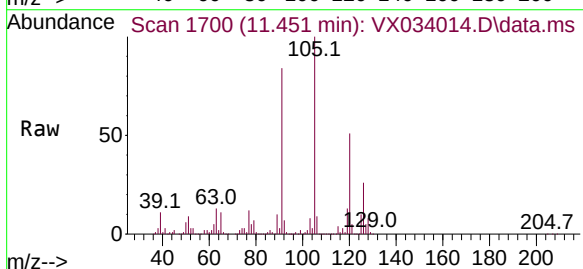
Manual Integrations
APPROVED

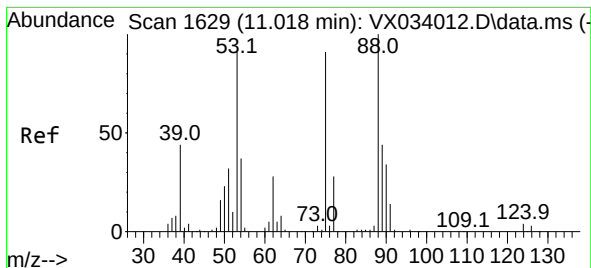
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 122.126 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Tgt Ion:105 Resp: 743172
Ion Ratio Lower Upper
105 100
120 51.5 25.6 76.8





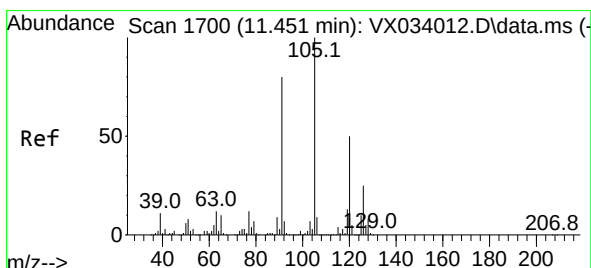
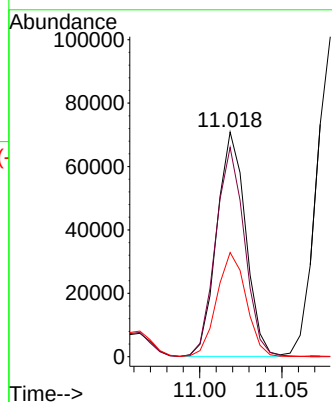
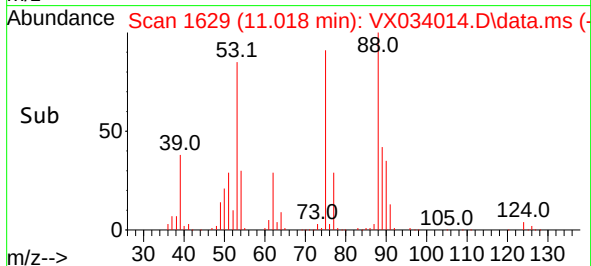
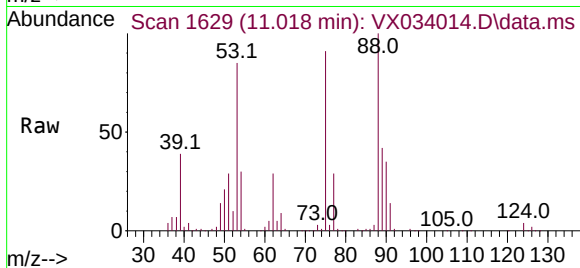
#81
trans-1,4-Dichloro-2-butene
Concen: 145.333 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 86760
Ion Ratio Lower Upper
75 100
53 92.8 83.0 124.6
89 47.2 37.7 56.5

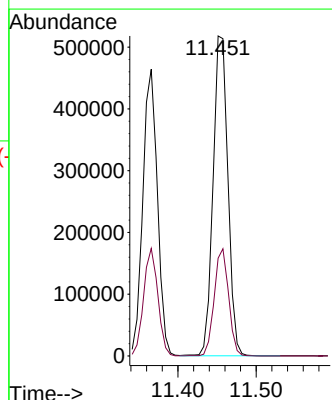
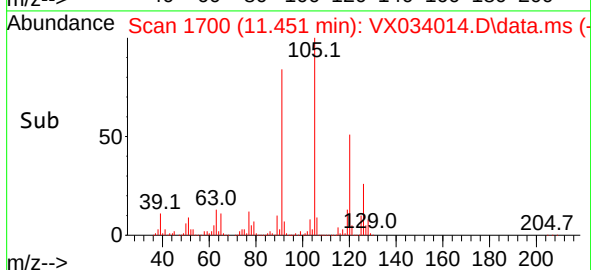
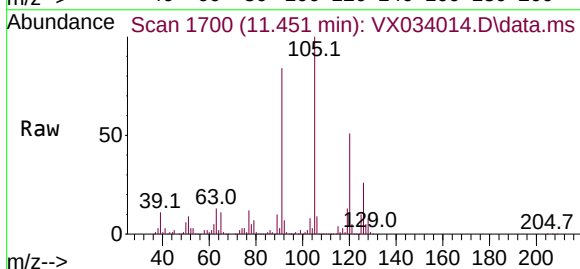
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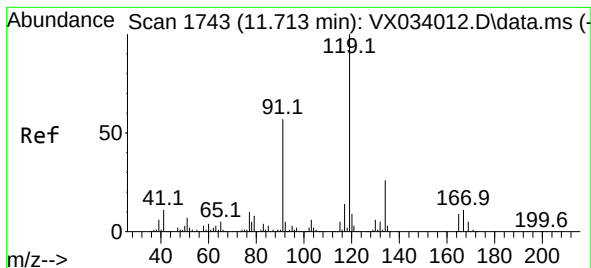
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#82
4-Chlorotoluene
Concen: 120.078 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Tgt Ion: 91 Resp: 680643
Ion Ratio Lower Upper
91 100
126 32.6 15.8 47.4





#83

tert-Butylbenzene

Concen: 132.529 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 79635

Ion Ratio Lower Upper

119 100

91 52.0 26.9 80.7

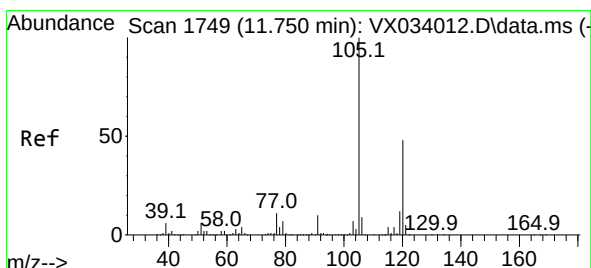
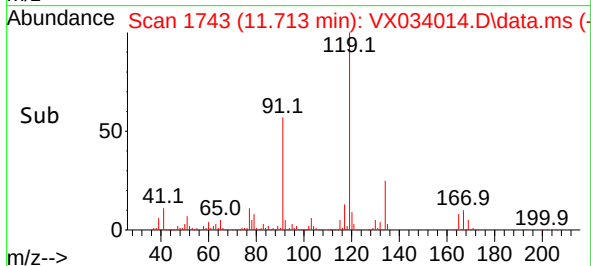
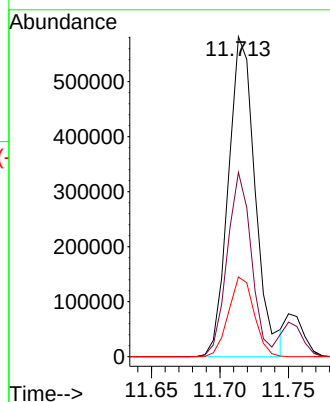
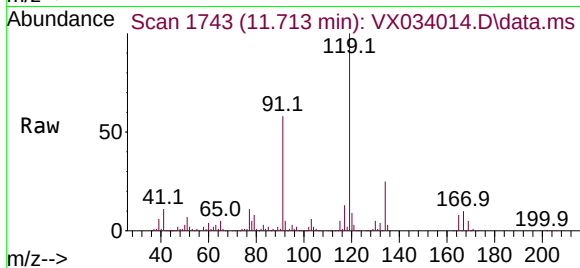
134 23.7 12.3 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#84

1,2,4-Trimethylbenzene

Concen: 131.604 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034014.D

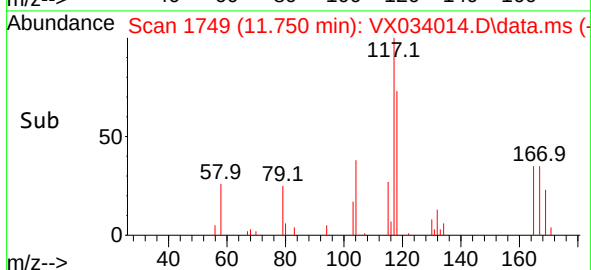
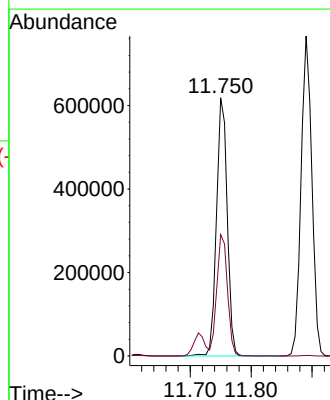
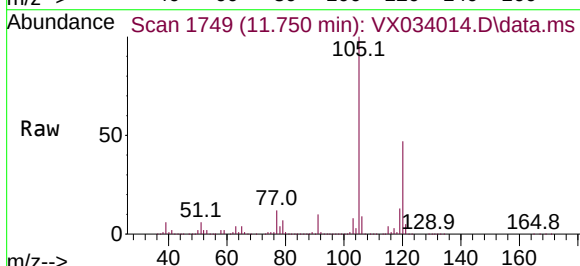
Acq: 03 Feb 2023 16:41

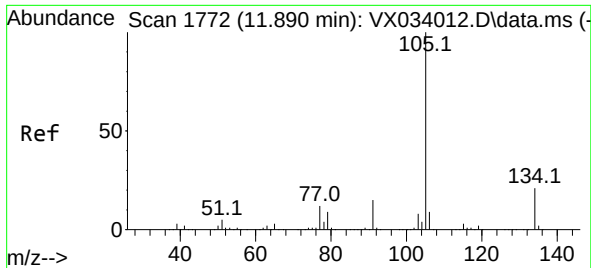
Tgt Ion:105 Resp: 754607

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.2





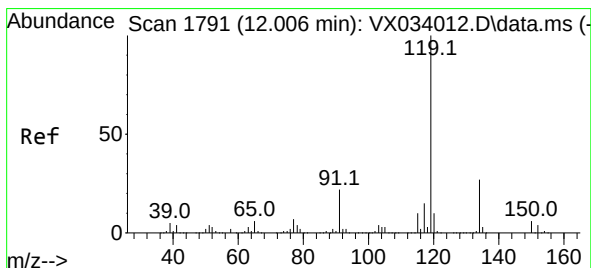
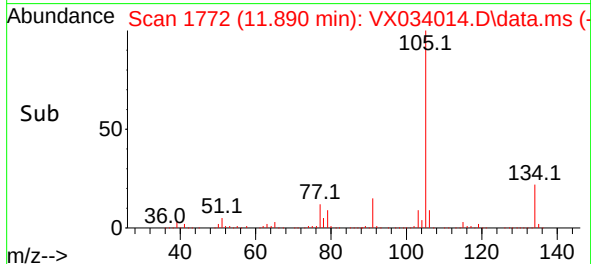
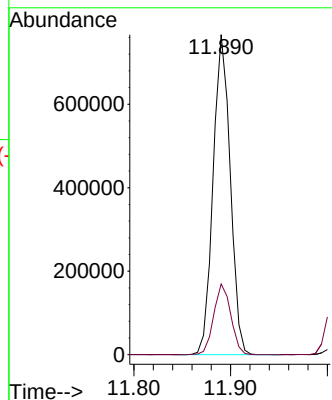
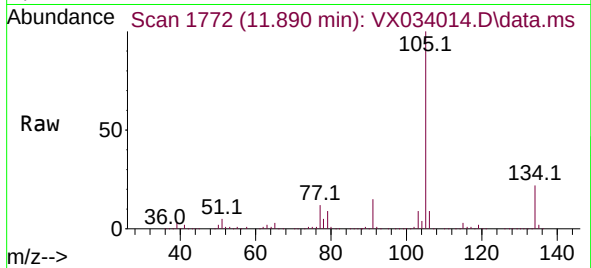
#85
 sec-Butylbenzene
 Concen: 131.178 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034014.D
 Acq: 03 Feb 2023 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 943134
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.8 32.3

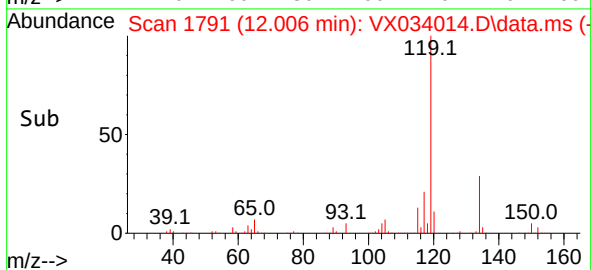
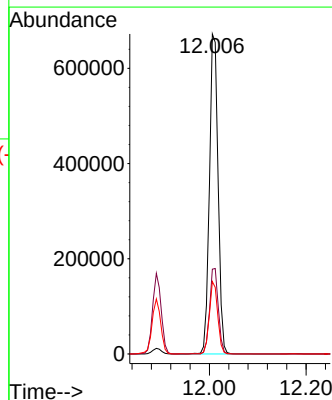
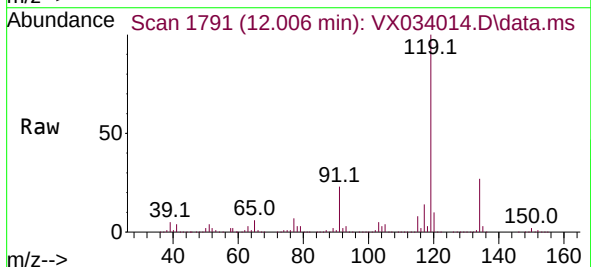
Manual Integrations
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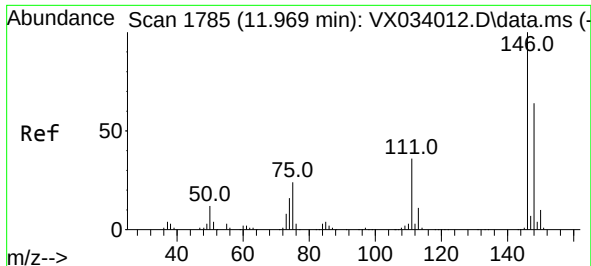
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#86
 p-Isopropyltoluene
 Concen: 135.653 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034014.D
 Acq: 03 Feb 2023 16:41

Tgt Ion:119 Resp: 836287
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 21.8 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 133.902 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 45793

Ion Ratio Lower Upper

146 100

111 36.8 18.6 55.6

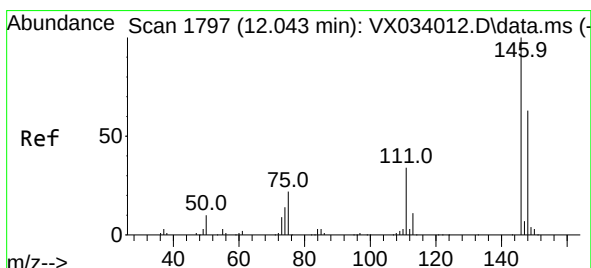
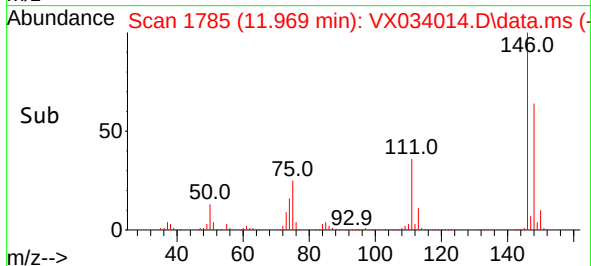
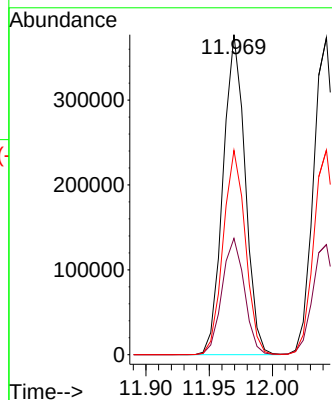
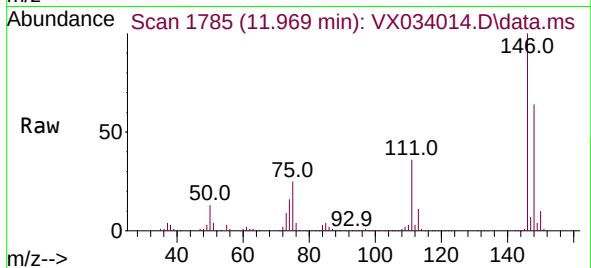
148 64.1 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#88

1,4-Dichlorobenzene

Concen: 132.739 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

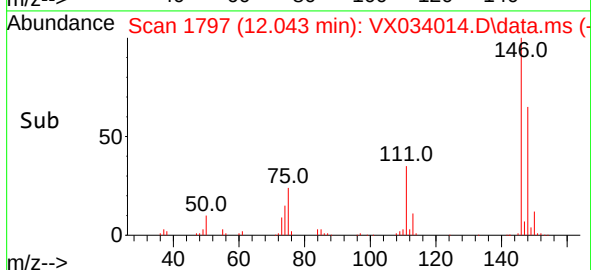
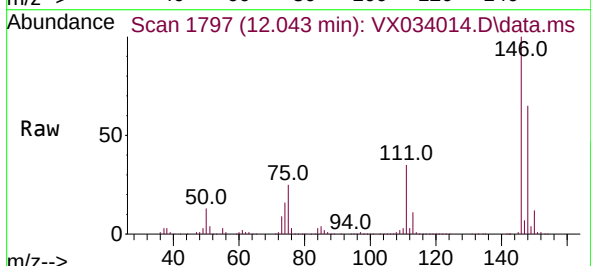
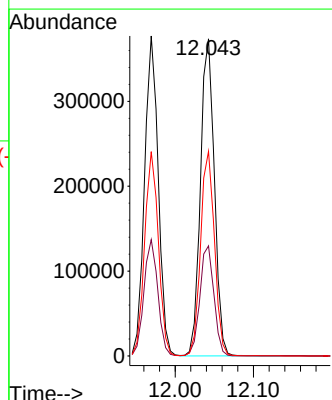
Tgt Ion:146 Resp: 461797

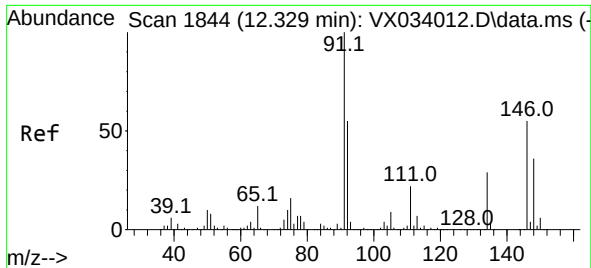
Ion Ratio Lower Upper

146 100

111 35.1 17.8 53.4

148 64.2 32.1 96.3





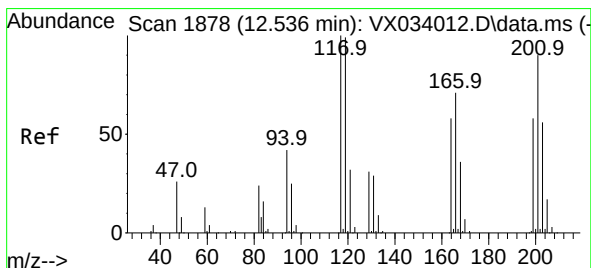
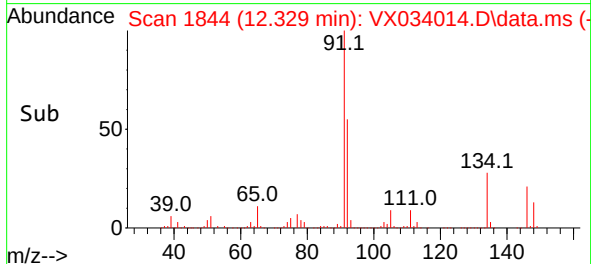
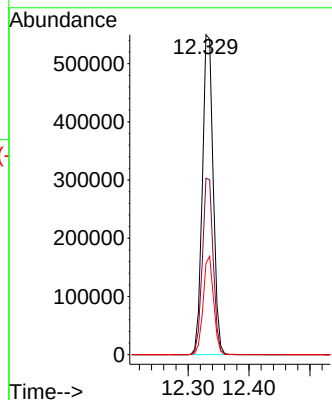
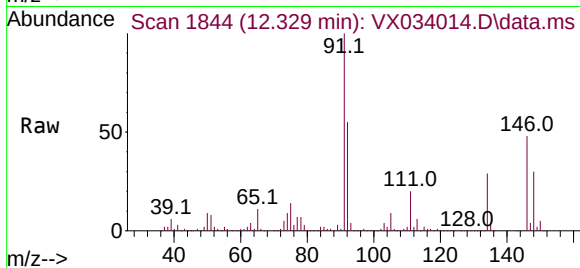
#89
n-Butylbenzene
Concen: 135.659 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 68041
Ion Ratio Lower Upper
91 100
92 55.3 27.5 82.5
134 29.8 14.3 42.9

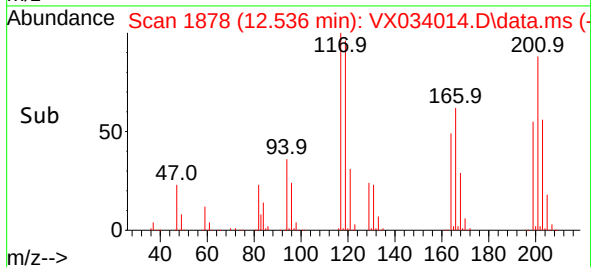
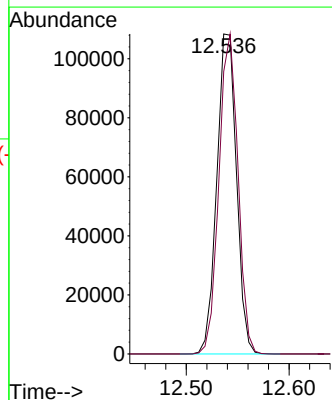
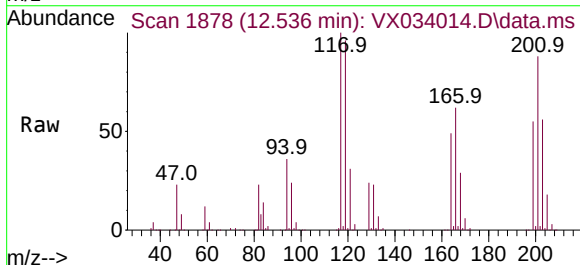
Manual Integrations
APPROVED

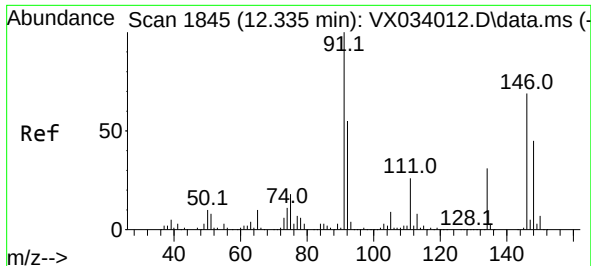
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#90
Hexachloroethane
Concen: 143.141 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

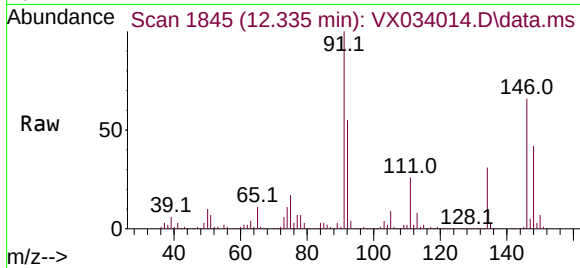
Tgt Ion:117 Resp: 143878
Ion Ratio Lower Upper
117 100
201 96.6 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 132.065 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41

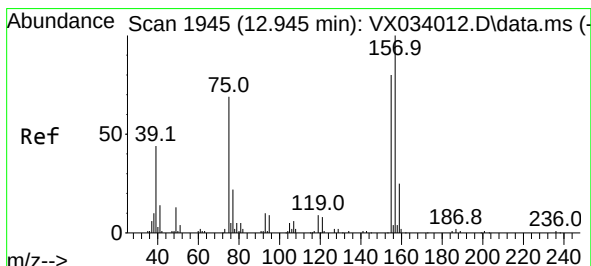
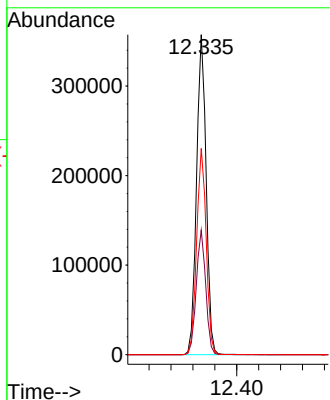
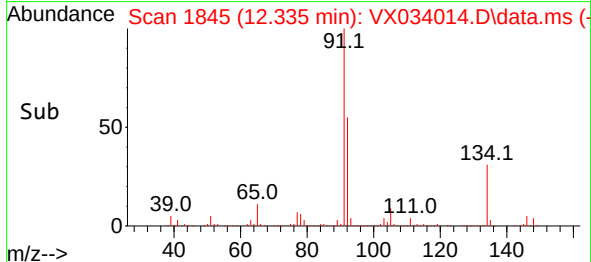
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



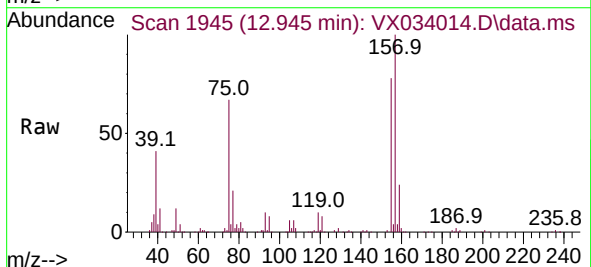
Tgt Ion:146 Resp: 436795
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.8
148 64.3 32.3 96.9

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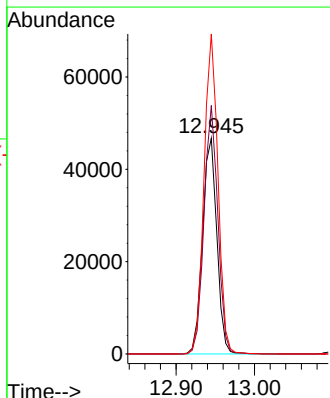
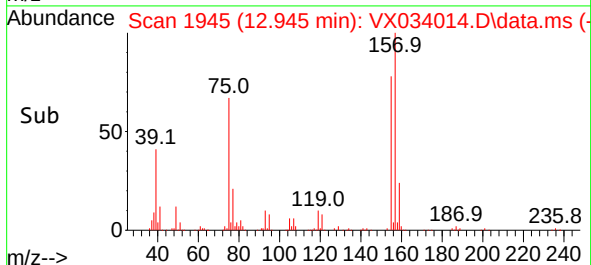
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

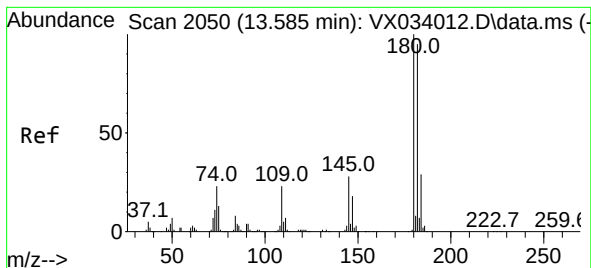


#92
1,2-Dibromo-3-Chloropropane
Concen: 143.690 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034014.D
Acq: 03 Feb 2023 16:41



Tgt Ion: 75 Resp: 59222
Ion Ratio Lower Upper
75 100
155 111.5 51.7 155.1
157 144.2 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 152.174 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

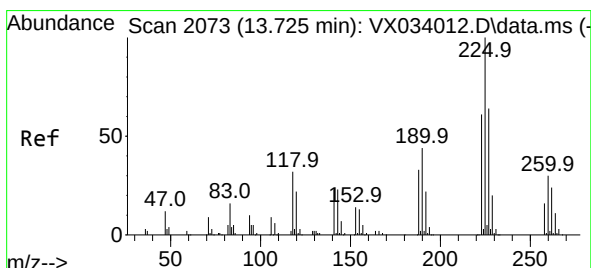
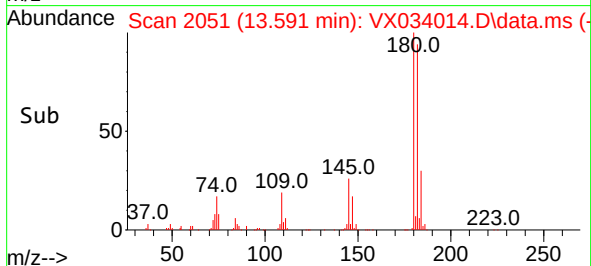
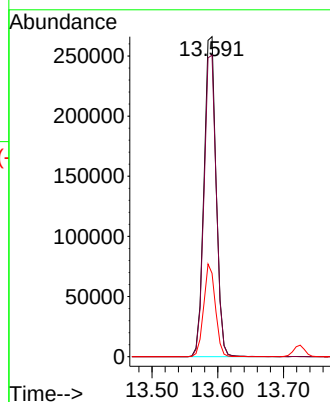
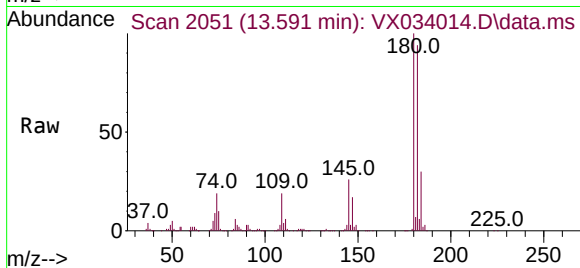
Tgt Ion:180	Resp: 340214
Ion Ratio	Lower Upper
180 100	
182 95.4	47.9 143.6
145 28.0	14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#94

Hexachlorobutadiene

Concen: 145.181 ug/l

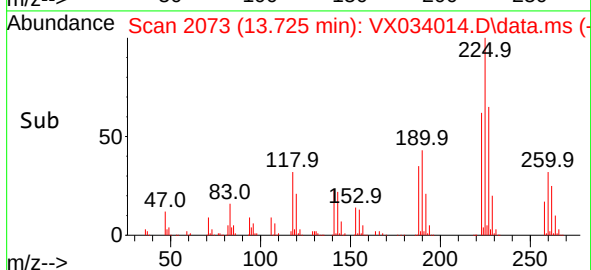
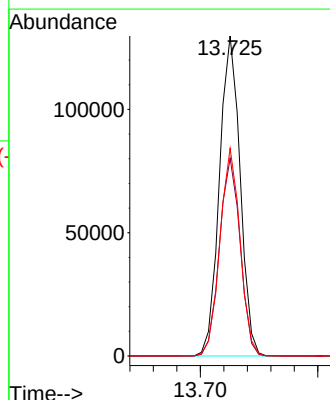
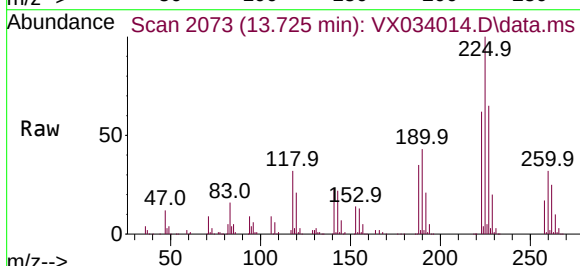
RT: 13.725 min Scan# 2073

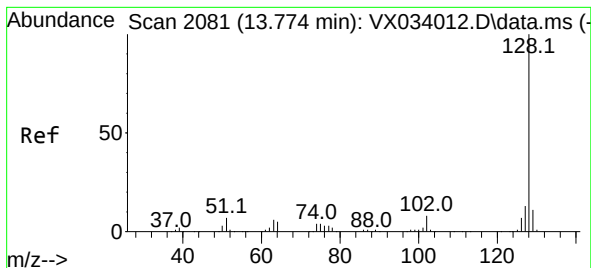
Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Tgt Ion:225	Resp: 158705
Ion Ratio	Lower Upper
225 100	
223 61.7	31.3 93.9
227 63.2	32.3 96.9





#95

Naphthalene

Concen: 145.546 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 93358

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

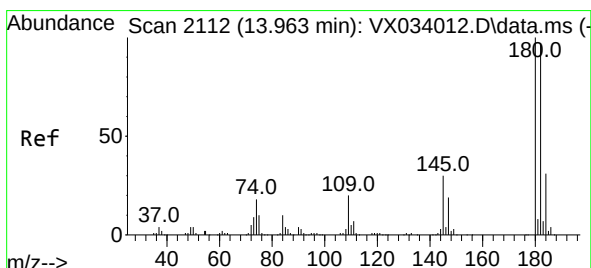
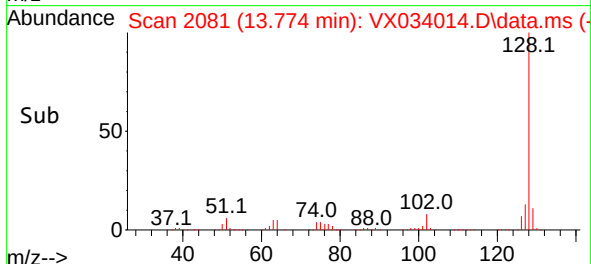
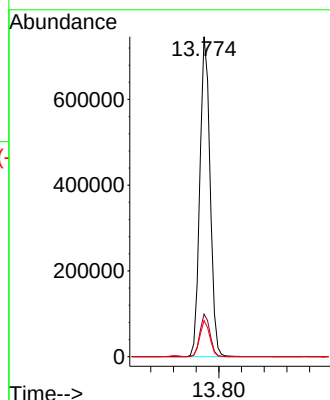
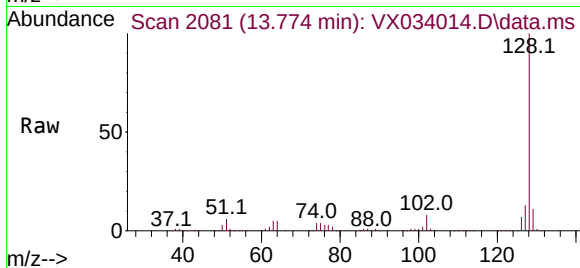
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 148.199 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034014.D

Acq: 03 Feb 2023 16:41

Tgt Ion:180 Resp: 332086

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 29.9 15.1 45.3

