

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037652.D
 Acq On : 11 Sep 2023 20:14
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 12 09:58:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 09:13:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	159480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	288570	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	14738	5.712	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.420%#		
35) Dibromofluoromethane	5.385	113	10662	5.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.420%#		
50) Toluene-d8	8.647	98	40709	5.277	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.560%#		
62) 4-Bromofluorobenzene	11.079	95	13865	4.982	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	9192	5.391	ug/l	99
3) Chloromethane	1.301	50	10740	5.370	ug/l	97
4) Vinyl Chloride	1.374	62	11769	5.347	ug/l	97
5) Bromomethane	1.599	94	10423	5.561	ug/l	94
6) Chloroethane	1.679	64	7938m	5.304	ug/l	
7) Trichlorofluoromethane	1.880	101	20157	5.400	ug/l	98
8) Diethyl Ether	2.136	74	7648	5.070	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	8790	5.324	ug/l	96
10) Methyl Iodide	2.447	142	10021	5.106	ug/l	93
11) Tert butyl alcohol	2.965	59	20277	28.341	ug/l	97
12) 1,1-Dichloroethene	2.319	96	8513	5.249	ug/l	89
13) Acrolein	2.239	56	11827	28.054	ug/l	98
14) Allyl chloride	2.666	41	14718	5.099	ug/l	95
15) Acrylonitrile	3.069	53	31340	25.827	ug/l	98
16) Acetone	2.380	43	27634	25.907	ug/l #	86
17) Carbon Disulfide	2.508	76	21558	5.156	ug/l	95
18) Methyl Acetate	2.703	43	23162	5.181	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	34315	5.241	ug/l	98
20) Methylene Chloride	2.788	84	12588	5.059	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	9983	5.190	ug/l	93
22) Diisopropyl ether	3.764	45	32821	5.210	ug/l	96
23) Vinyl Acetate	3.727	43	115482	24.986	ug/l	99
24) 1,1-Dichloroethane	3.611	63	19651	5.332	ug/l	99
25) 2-Butanone	4.568	43	44092	25.745	ug/l	94
26) 2,2-Dichloropropane	4.483	77	12483	4.892	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	12215	5.311	ug/l	90
28) Bromochloromethane	4.898	49	10257	5.488	ug/l	94
29) Tetrahydrofuran	5.013	42	28047	25.390	ug/l	91
30) Chloroform	5.093	83	20413	5.109	ug/l	97
31) Cyclohexane	5.471	56	16139	5.432	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	16671	4.967	ug/l	99
36) 1,1-Dichloropropene	5.696	75	13913	4.933	ug/l	96
37) Ethyl Acetate	4.721	43	16705	5.135	ug/l #	95
38) Carbon Tetrachloride	5.678	117	13854	4.918	ug/l	89
39) Methylcyclohexane	7.385	83	16505	4.975	ug/l	96
40) Benzene	6.038	78	44374	5.174	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 12 09:58:23 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	8311	4.809	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	17468	5.256	ug/l	99
43) Isopropyl Acetate	6.348	43	25192	4.899	ug/l	99
44) Trichloroethene	7.129	130	10442	4.988	ug/l	95
45) 1,2-Dichloropropane	7.434	63	11697	5.197	ug/l	93
46) Dibromomethane	7.586	93	8320	5.067	ug/l	98
47) Bromodichloromethane	7.824	83	13926	4.732	ug/l #	96
48) Methyl methacrylate	7.696	41	11822	4.707	ug/l #	83
49) 1,4-Dioxane	7.665	88	5875	93.918	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	87265	25.738	ug/l	99
52) Toluene	8.720	92	27653	5.095	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	13194	4.436	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	15064	4.644	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	11453	4.908	ug/l #	95
56) Ethyl methacrylate	9.116	69	16928	4.827	ug/l	93
57) 1,3-Dichloropropane	9.311	76	19644	5.057	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	43808	25.882	ug/l	99
59) 2-Hexanone	9.433	43	64847	24.935	ug/l	97
60) Dibromochloromethane	9.525	129	10216	4.510	ug/l	95
61) 1,2-Dibromoethane	9.610	107	12064	4.903	ug/l	98
64) Tetrachloroethene	9.275	164	8923	5.208	ug/l	92
65) Chlorobenzene	10.080	112	29879	5.182	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	9476	4.709	ug/l	95
67) Ethyl Benzene	10.195	91	51924	5.064	ug/l	97
68) m/p-Xylenes	10.299	106	38779	9.925	ug/l	97
69) o-Xylene	10.640	106	19295	4.980	ug/l	95
70) Styrene	10.659	104	31044	4.857	ug/l	96
71) Bromoform	10.799	173	6338	4.120	ug/l #	97
73) Isopropylbenzene	10.964	105	51477	5.386	ug/l	99
74) N-amyl acetate	10.842	43	20588	4.880	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	19278	5.320	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	15069m	5.249	ug/l	
77) Bromobenzene	11.201	156	11537	5.030	ug/l	97
78) n-propylbenzene	11.305	91	56268	5.101	ug/l	100
79) 2-Chlorotoluene	11.366	91	35801	5.277	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	41310	5.117	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	3465	3.772	ug/l #	79
82) 4-Chlorotoluene	11.457	91	39840	5.160	ug/l	97
83) tert-Butylbenzene	11.713	119	40764	5.064	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	42364	5.224	ug/l	100
85) sec-Butylbenzene	11.890	105	50984	5.110	ug/l	100
86) p-Isopropyltoluene	12.012	119	40700	4.953	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	22834	5.239	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	22971	5.177	ug/l	94
89) n-Butylbenzene	12.335	91	36181	4.919	ug/l	94
90) Hexachloroethane	12.536	117	6353	4.573	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	22537	5.085	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3553	4.668	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	12397	4.816	ug/l	97
94) Hexachlorobutadiene	13.725	225	5465	4.899	ug/l	95
95) Naphthalene	13.774	128	44203	4.744	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	13247	4.991	ug/l	97

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 09:13:03 2023
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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

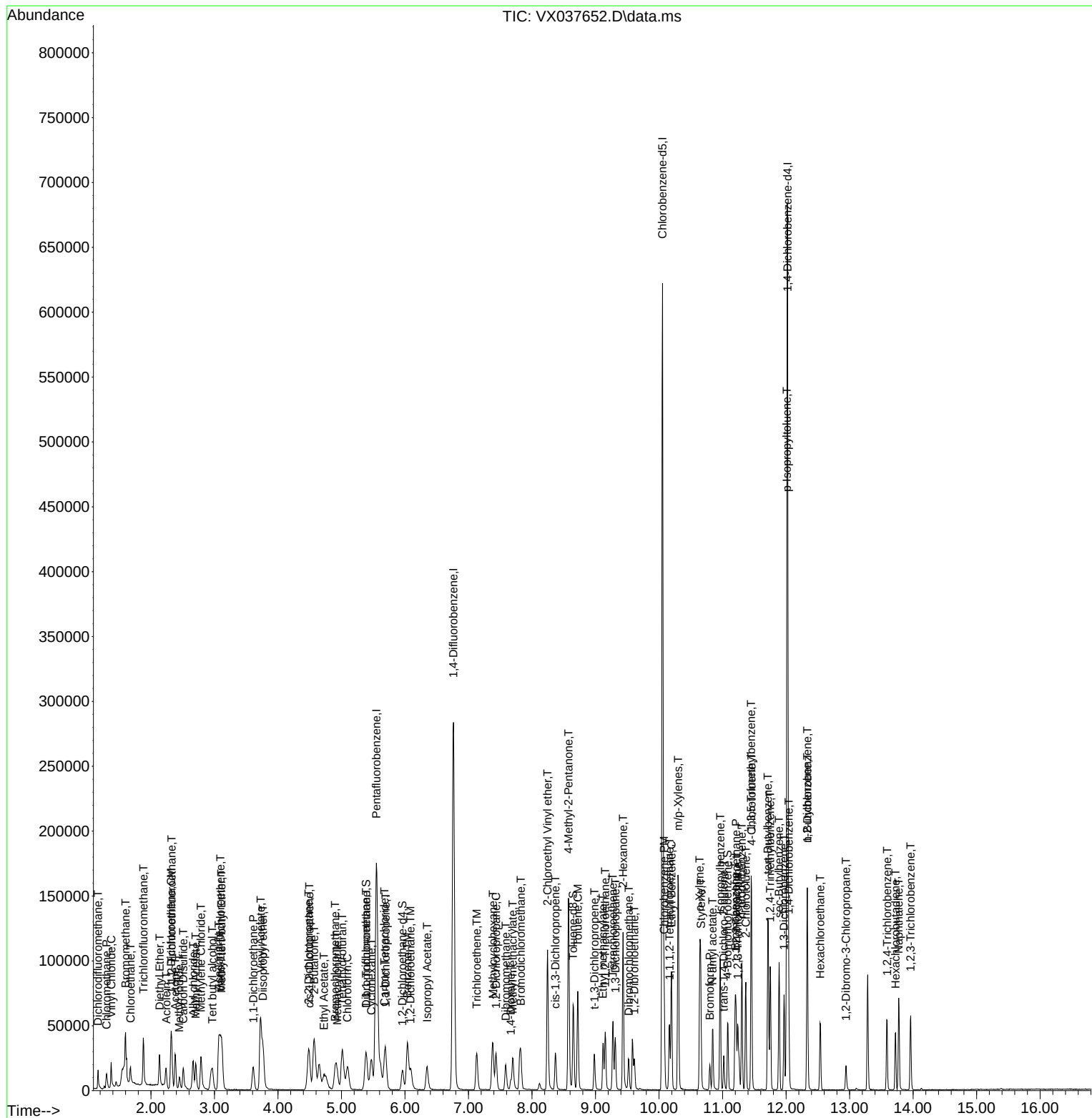
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ALS Vial : 13 Sample Multiplier: 1

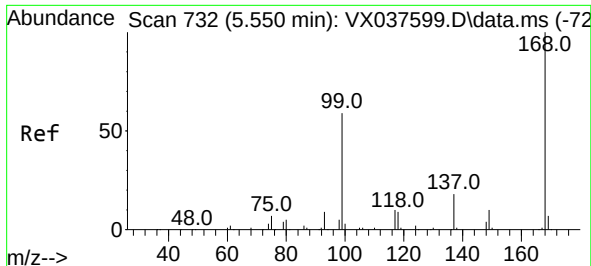
Instrument :
MSVOA_X
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VSTDIC005

Manual Integrations
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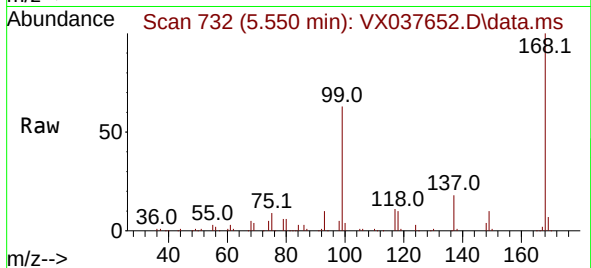
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

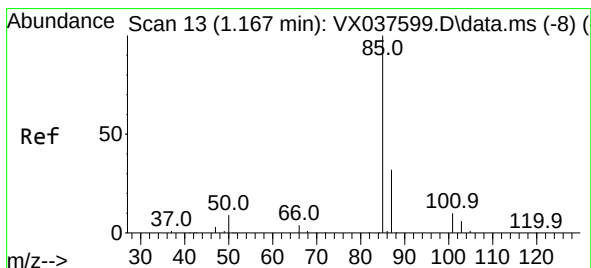
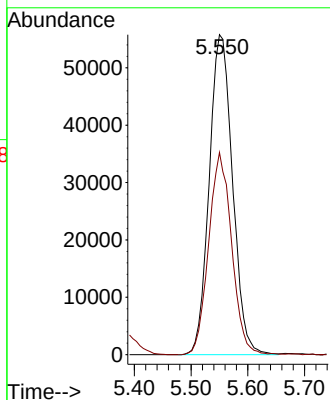
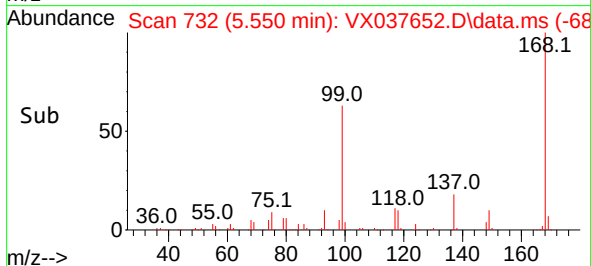
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 159480
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0

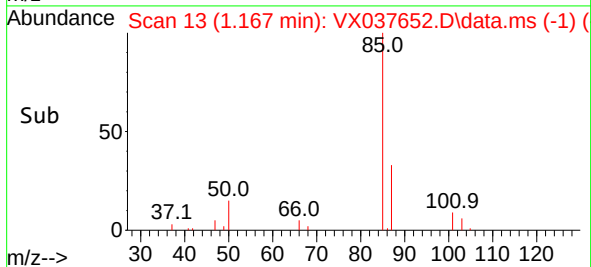
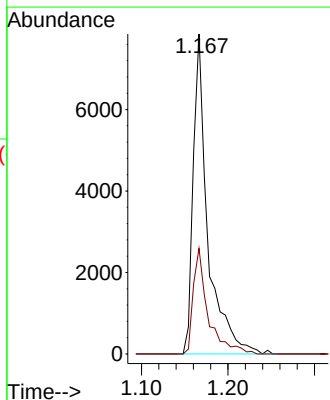
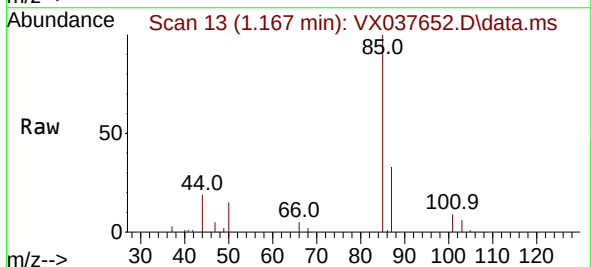
Manual Integrations
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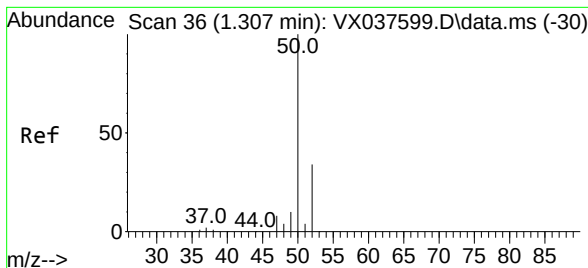
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 5.391 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion: 85 Resp: 9192
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





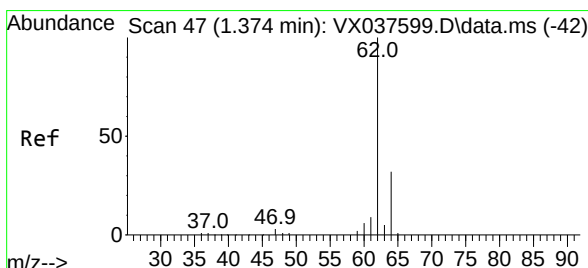
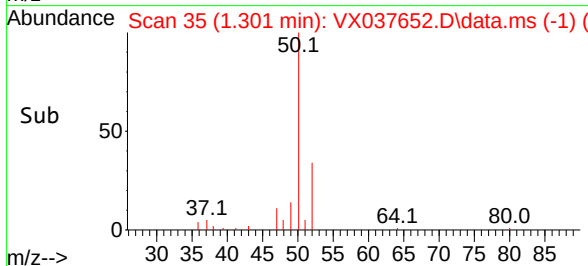
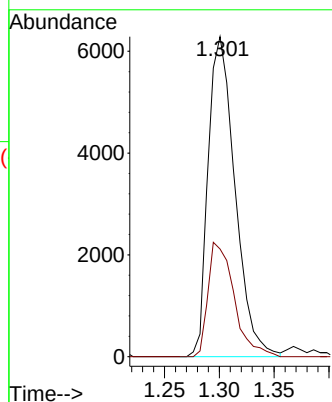
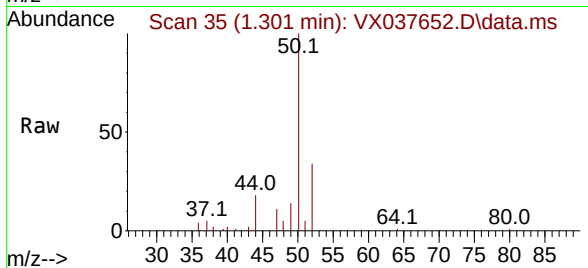
#3
Chloromethane
Concen: 5.370 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 10740
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

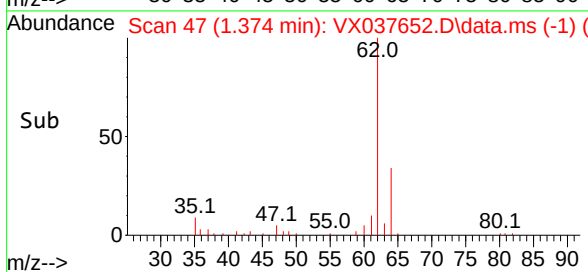
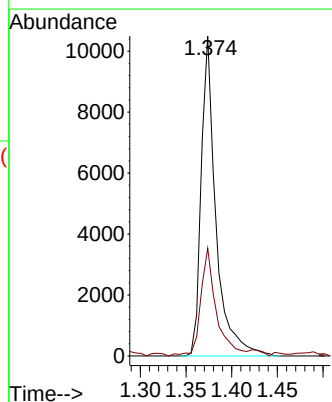
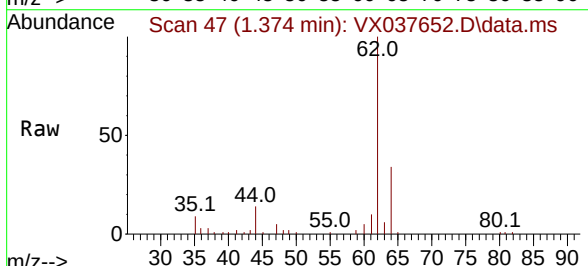
Manual Integrations
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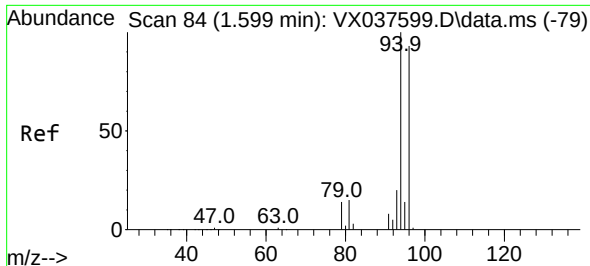
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#4
Vinyl Chloride
Concen: 5.347 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

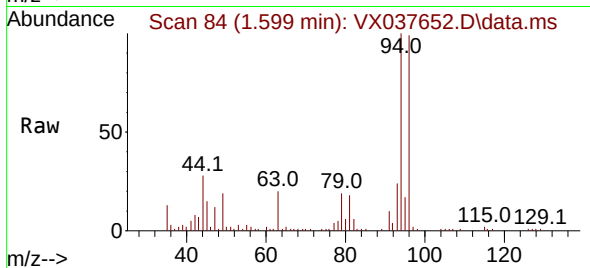
Tgt Ion: 62 Resp: 11769
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0





#5
Bromomethane
Concen: 5.561 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

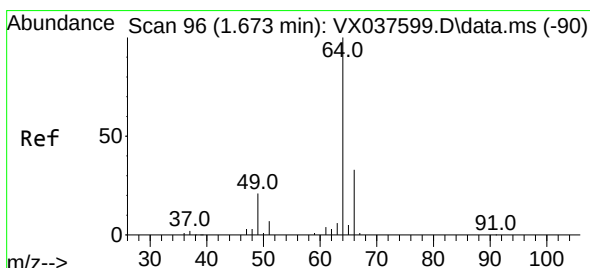
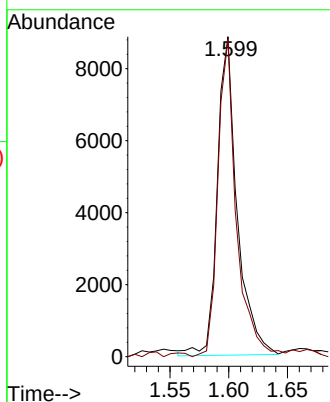
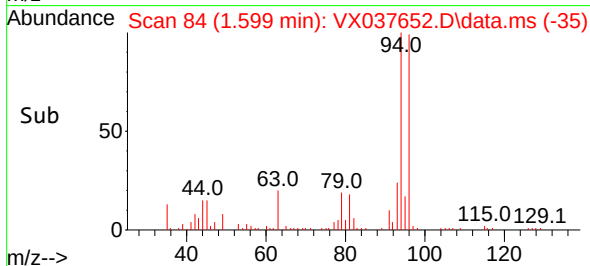
Instrument :
MSVOA_X
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VSTDIC005



Tgt Ion: 94 Resp: 1042
Ion Ratio Lower Upper
94 100
96 98.8 74.6 111.8

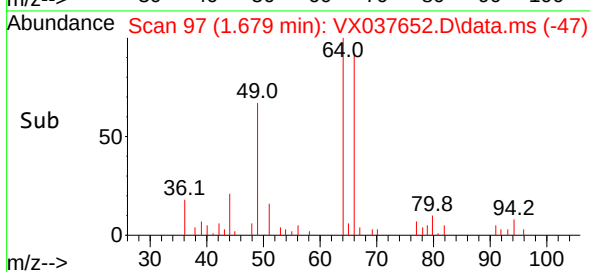
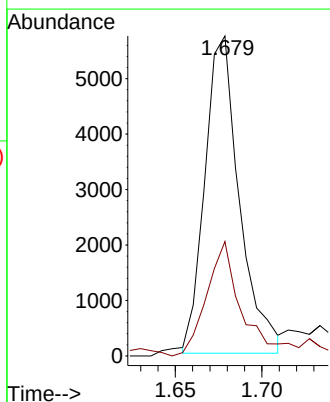
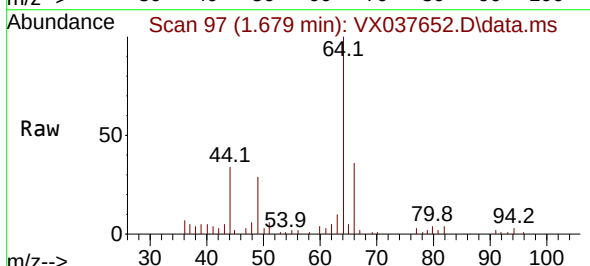
Manual Integrations
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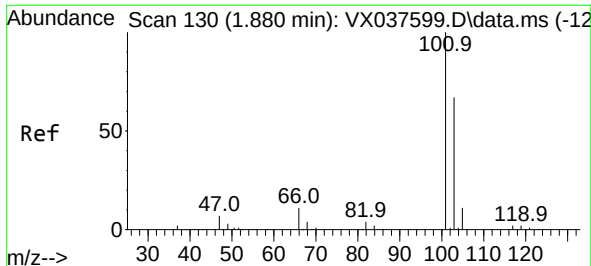
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#6
Chloroethane
Concen: 5.304 ug/l m
RT: 1.679 min Scan# 97
Delta R.T. 0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion: 64 Resp: 7938
Ion Ratio Lower Upper
64 100
66 35.8 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 5.400 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037652.D
 Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

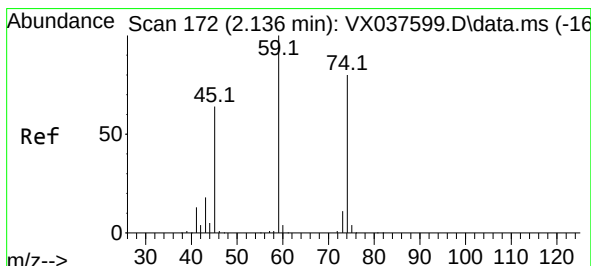
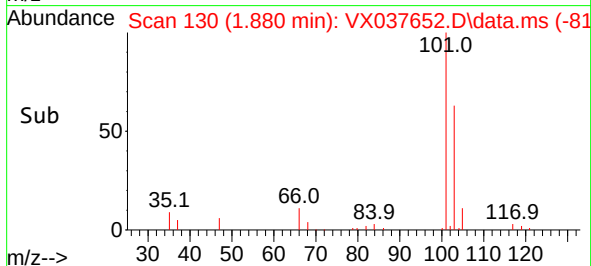
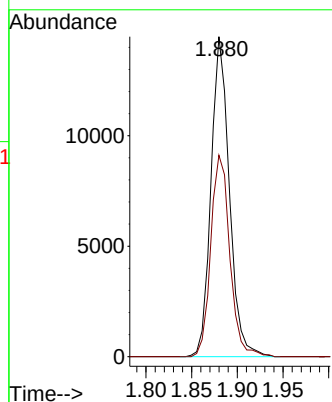
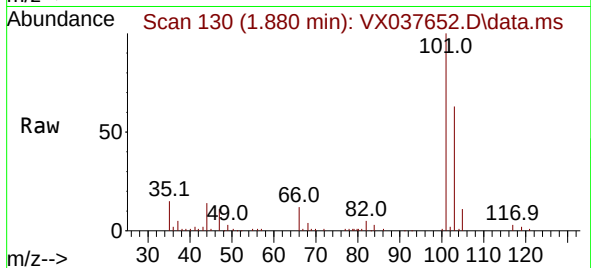
VSTDIC005

Tgt Ion:101 Resp: 2015
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.4 77.2

Manual Integrations

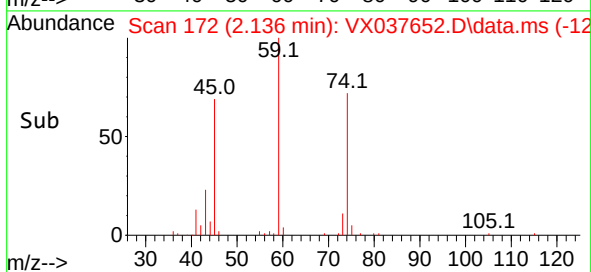
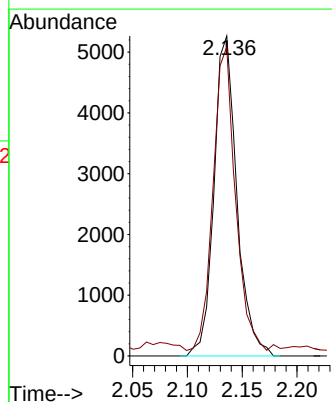
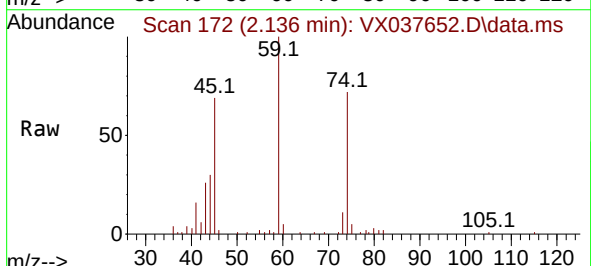
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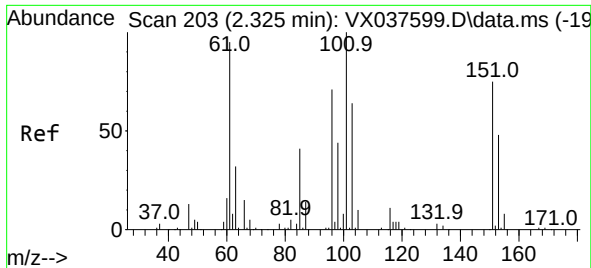
Reviewed By :John Carlone 09/12/2023
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#8
 Diethyl Ether
 Concen: 5.070 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX037652.D
 Acq: 11 Sep 2023 20:14

Tgt Ion: 74 Resp: 7648
 Ion Ratio Lower Upper
 74 100
 45 92.8 53.3 159.8





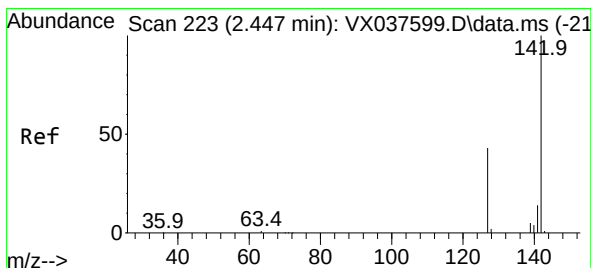
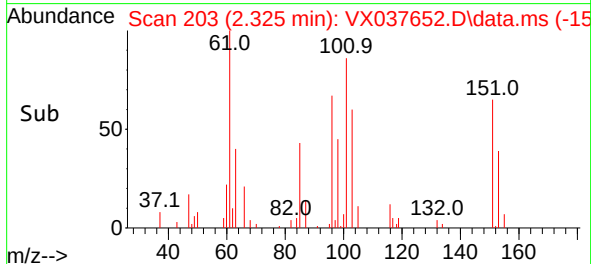
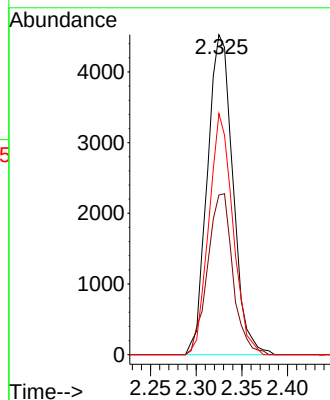
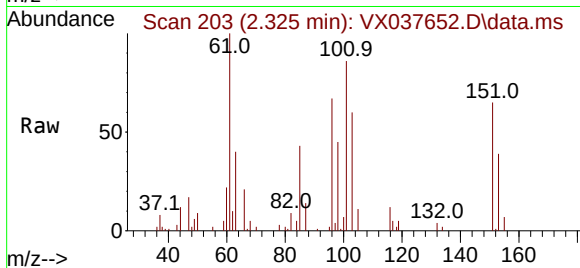
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.324 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 8790
Ion Ratio Lower Upper
101 100
85 49.8 37.0 55.6
151 70.9 58.6 87.8

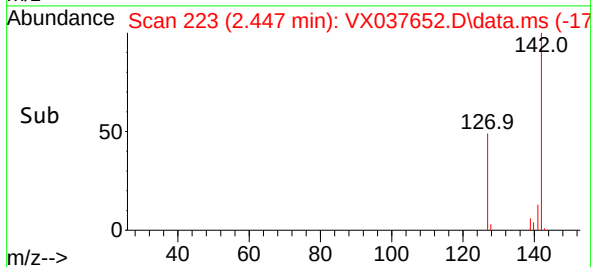
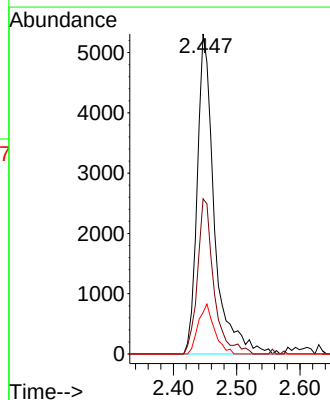
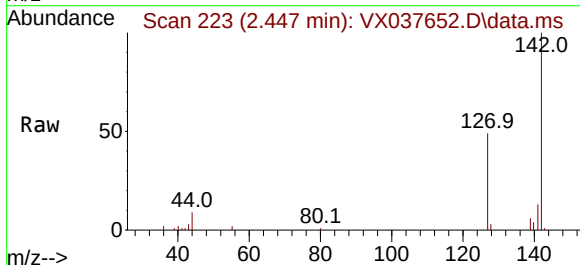
Manual Integrations
APPROVED

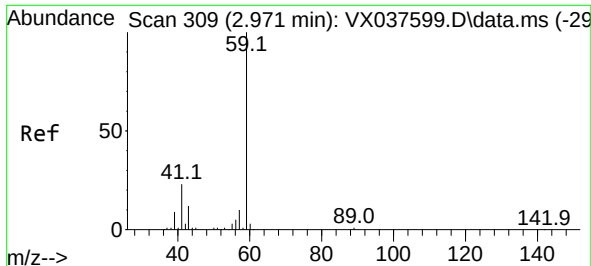
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Methyl Iodide
Concen: 5.106 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion:142 Resp: 10021
Ion Ratio Lower Upper
142 100
127 46.2 41.6 62.4
141 14.6 11.6 17.4





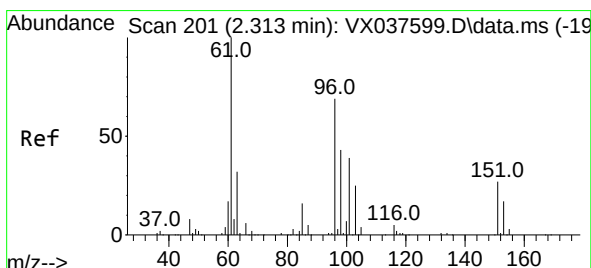
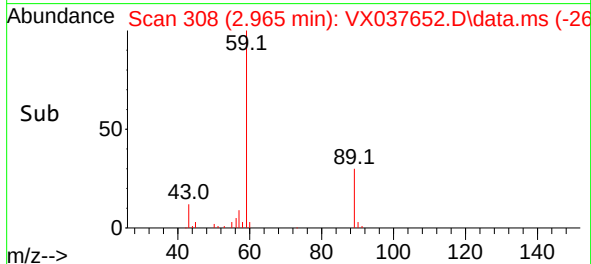
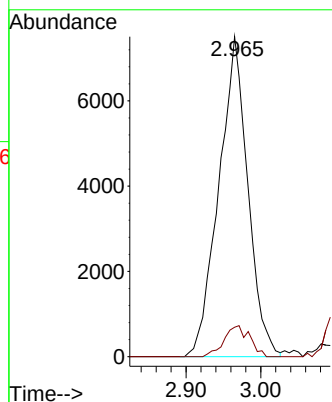
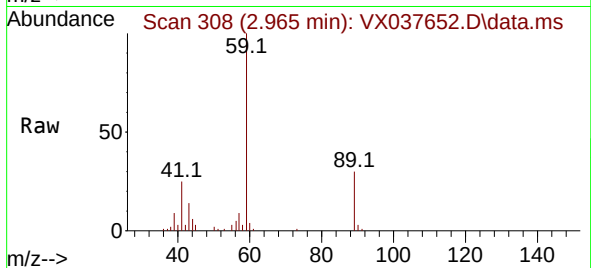
#11
Tert butyl alcohol
Concen: 28.341 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 2027
Ion Ratio Lower Upper
59 100
57 8.6 6.0 9.0

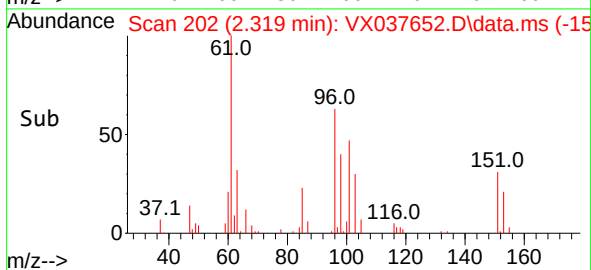
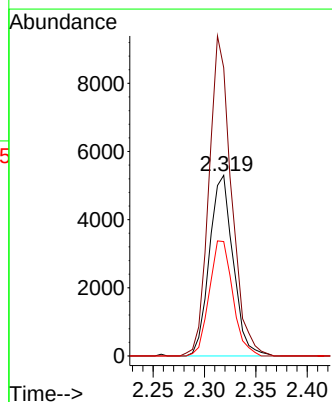
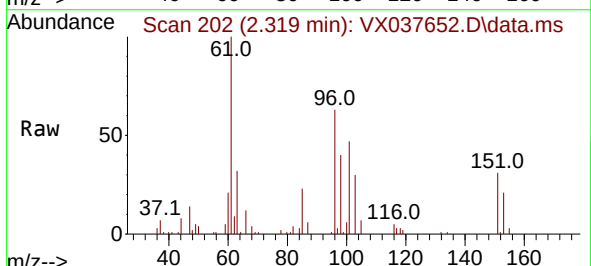
Manual Integrations
APPROVED

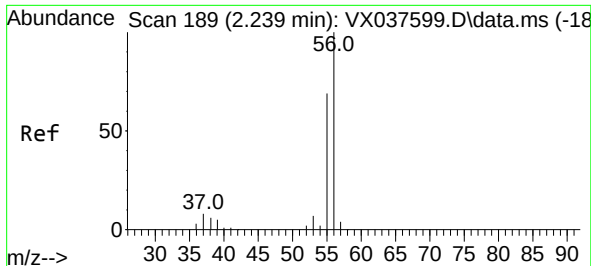
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#12
1,1-Dichloroethene
Concen: 5.249 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

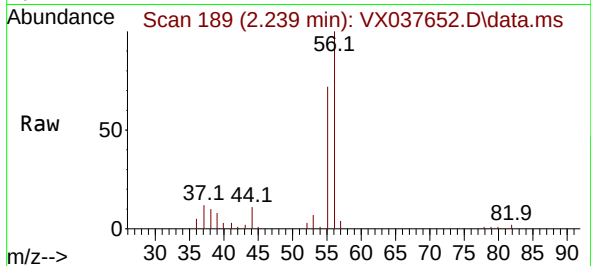
Tgt Ion: 96 Resp: 8513
Ion Ratio Lower Upper
96 100
61 159.5 144.6 216.8
98 63.3 50.4 75.6





#13
Acrolein
Concen: 28.054 ug/l
RT: 2.239 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

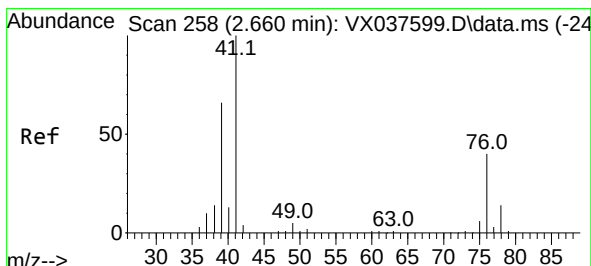
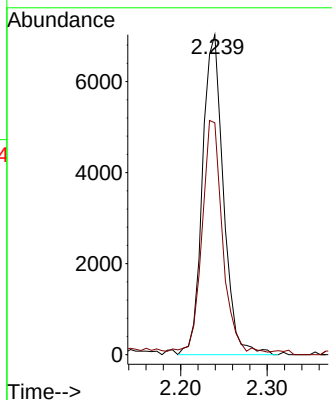
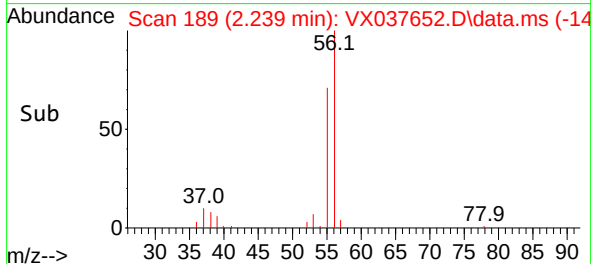
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



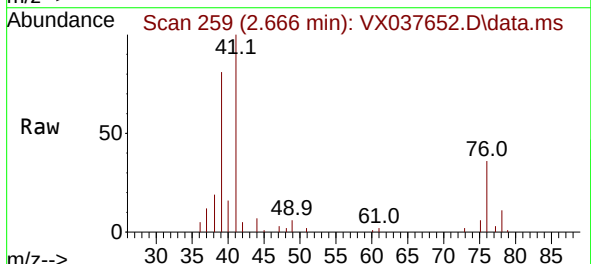
Tgt Ion: 56 Resp: 1182
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7

Manual Integrations
APPROVED

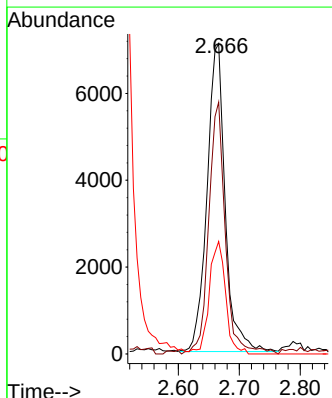
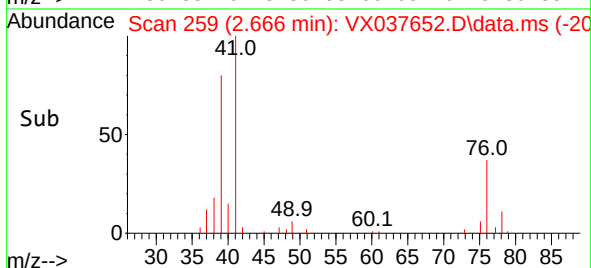
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

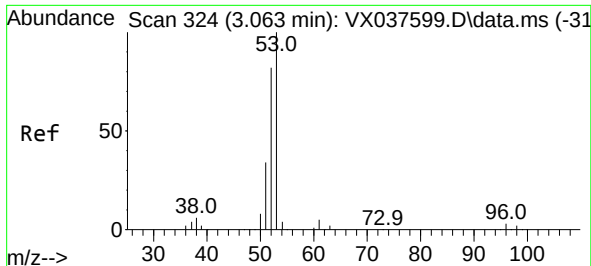


#14
Allyl chloride
Concen: 5.099 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14



Tgt Ion: 41 Resp: 14718
Ion Ratio Lower Upper
41 100
39 74.4 55.8 83.6
76 32.7 24.3 36.5





#15

Acrylonitrile

Concen: 25.827 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

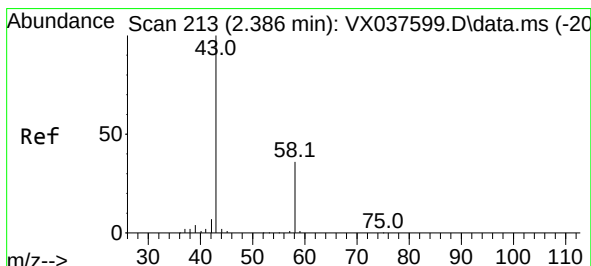
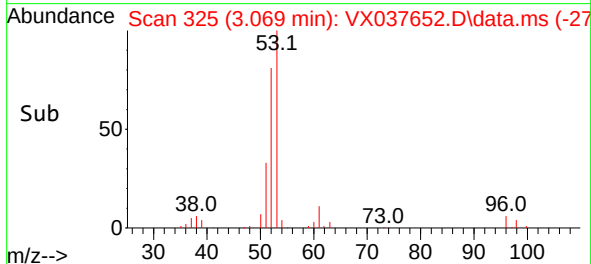
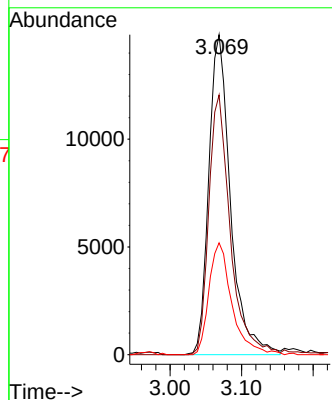
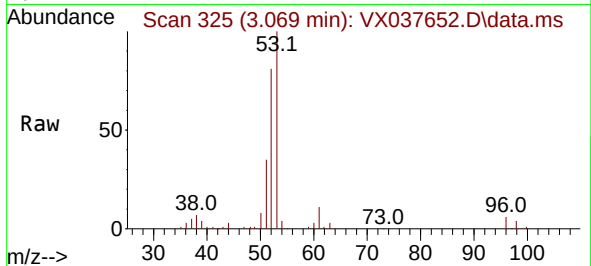
Tgt Ion: 53	Resp: 31340
Ion Ratio	Lower Upper
53 100	
52 80.1	66.0 99.0
51 36.9	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#16

Acetone

Concen: 25.907 ug/l

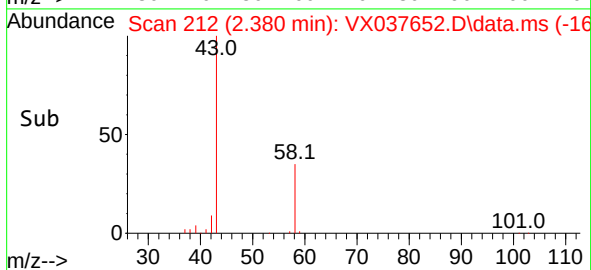
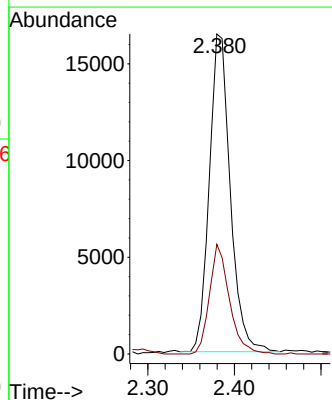
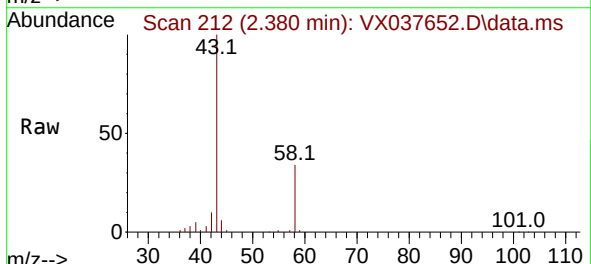
RT: 2.380 min Scan# 212

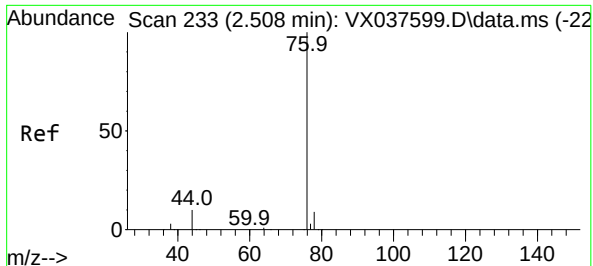
Delta R.T. -0.006 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

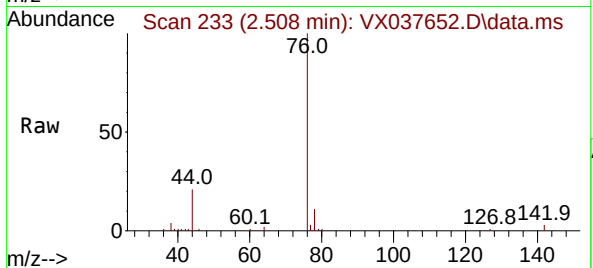
Tgt Ion: 43	Resp: 27634
Ion Ratio	Lower Upper
43 100	
58 34.5	21.9 32.9





#17
Carbon Disulfide
Concen: 5.156 ug/l
RT: 2.508 min Scan# 21558
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

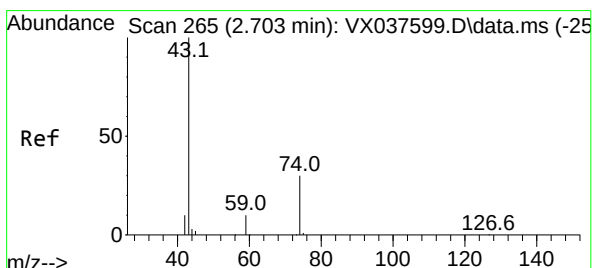
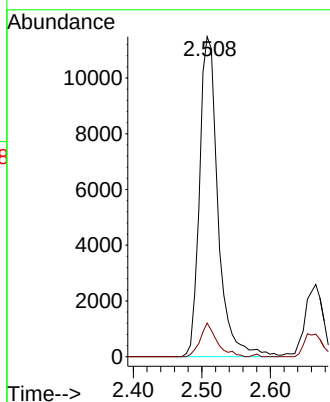
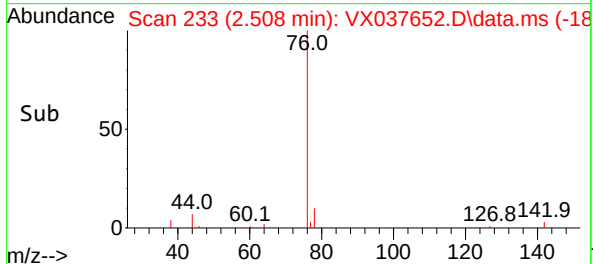
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 21558
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.6

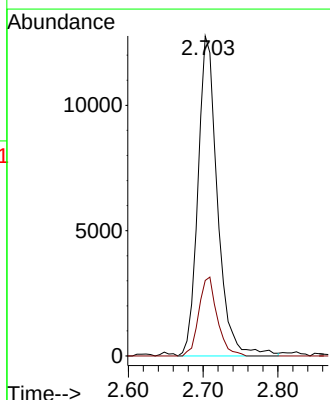
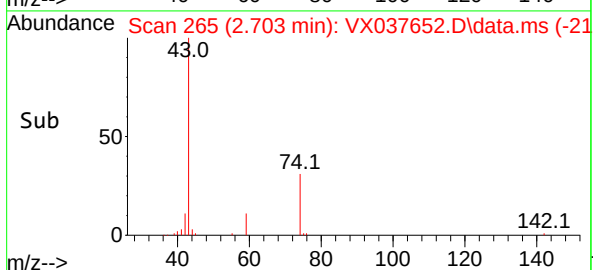
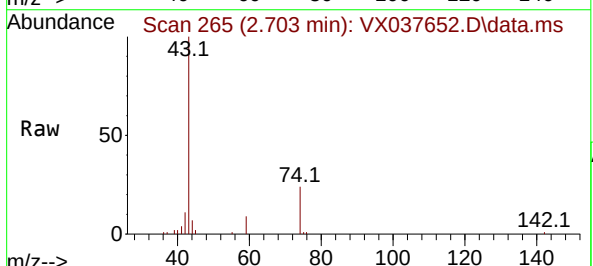
Manual Integrations
APPROVED

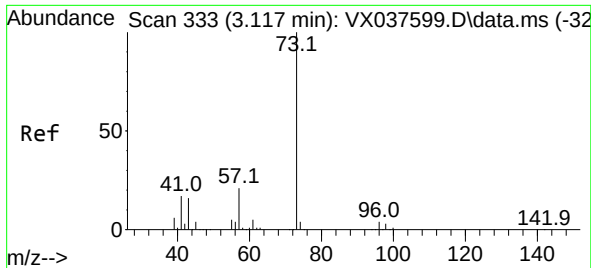
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#18
Methyl Acetate
Concen: 5.181 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion: 43 Resp: 23162
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.8





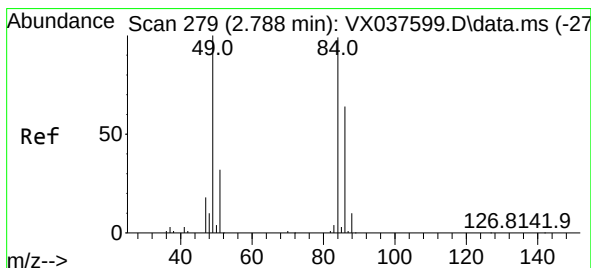
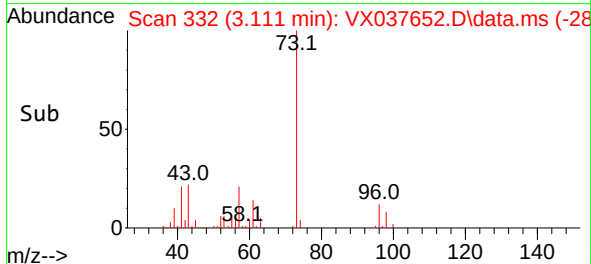
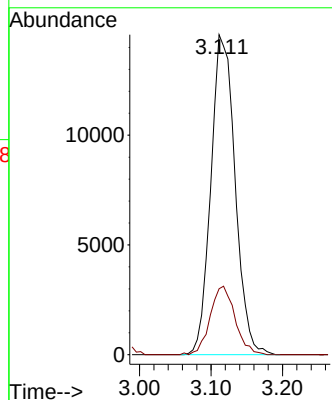
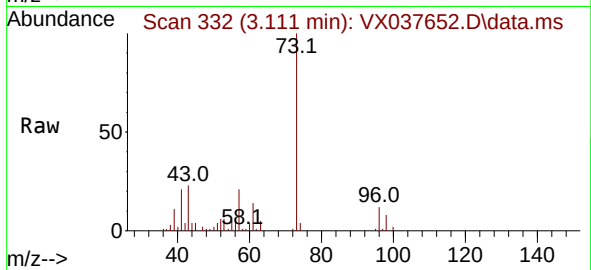
#19
Methyl tert-butyl Ether
Concen: 5.241 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 3431
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9

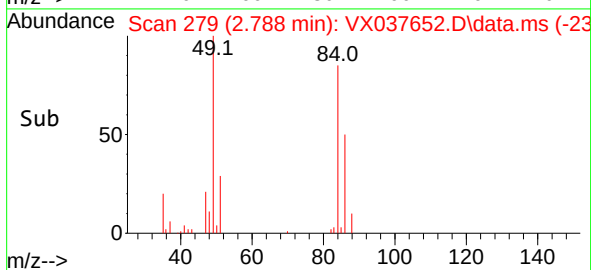
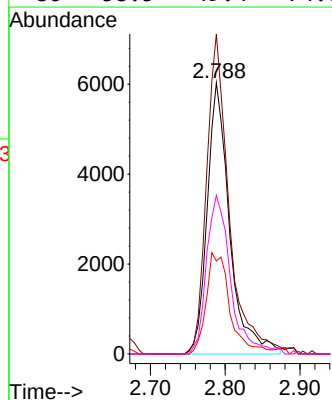
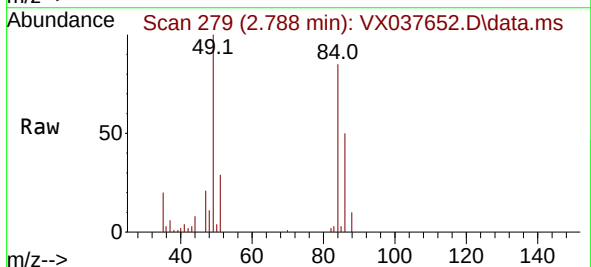
Manual Integrations
APPROVED

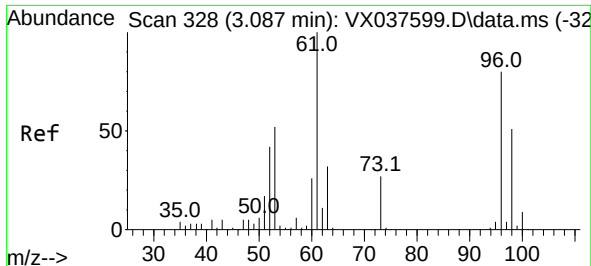
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 5.059 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

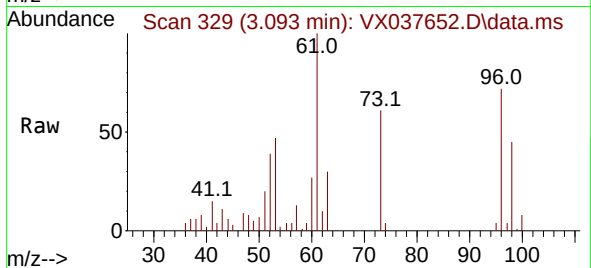
Tgt Ion: 84 Resp: 12588
Ion Ratio Lower Upper
84 100
49 118.0 103.6 155.4
51 34.3 33.8 50.6
86 58.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 5.190 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

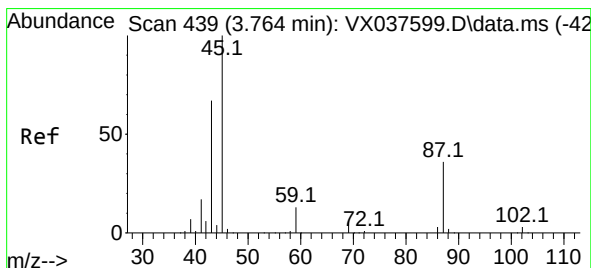
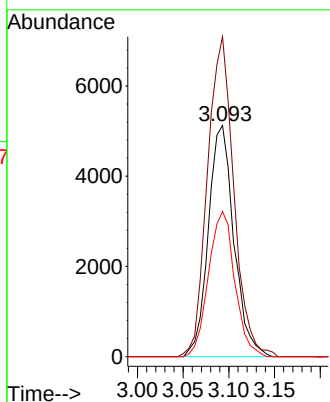
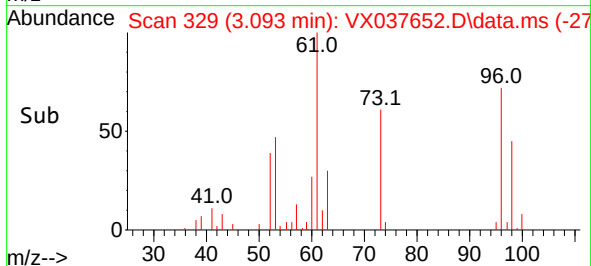
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 998
Ion Ratio Lower Upper
96 100
61 138.3 119.2 178.8
98 62.8 48.7 73.1

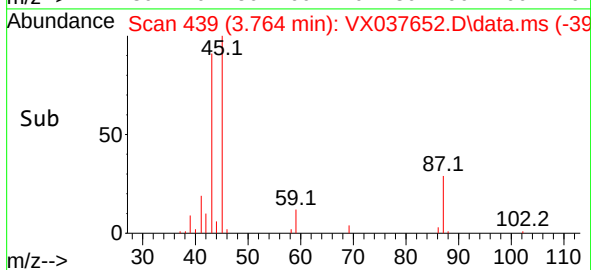
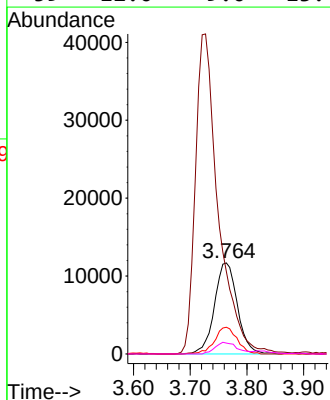
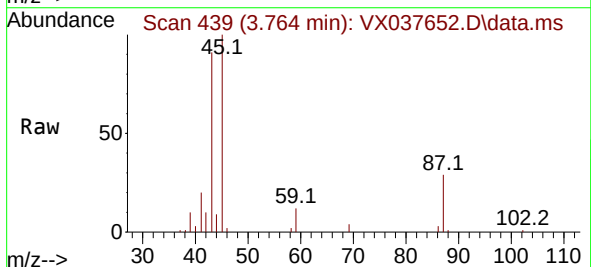
Manual Integrations
APPROVED

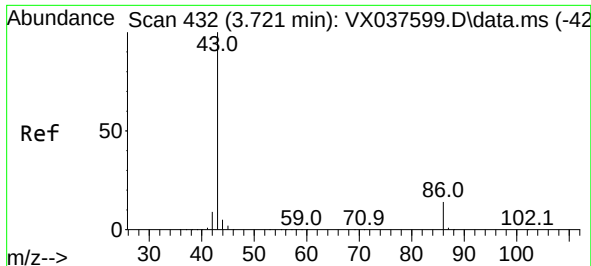
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 5.210 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

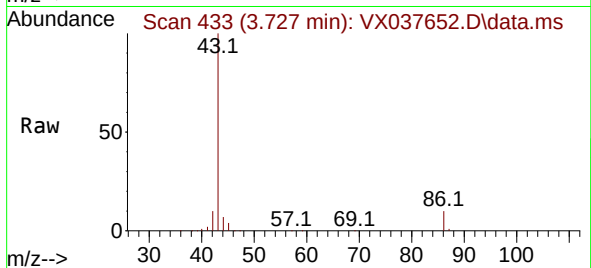
Tgt Ion: 45 Resp: 32821
Ion Ratio Lower Upper
45 100
43 90.2 69.7 104.5
87 29.4 20.8 31.2
59 12.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 24.986 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX037652.D
 Acq: 11 Sep 2023 20:14

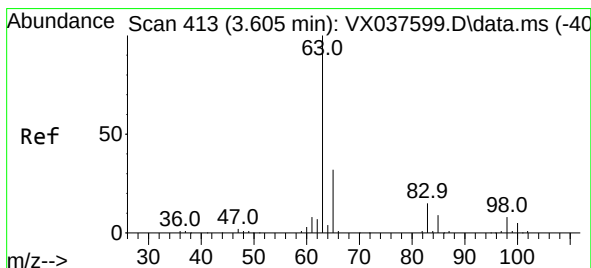
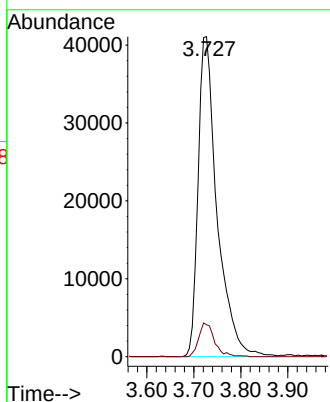
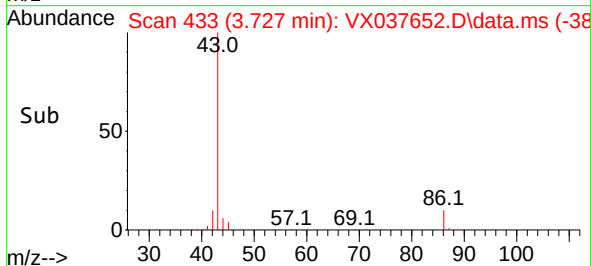
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



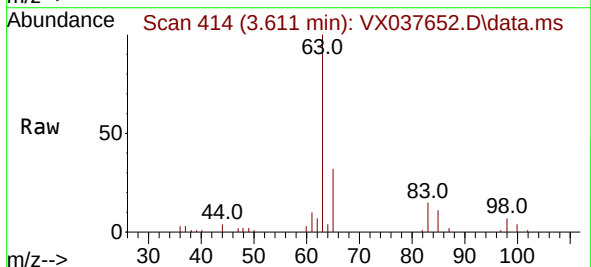
Tgt Ion: 43 Resp: 11548
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

Manual Integrations
 APPROVED

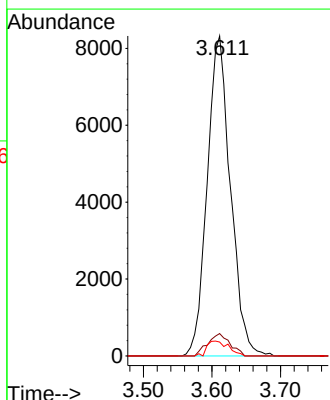
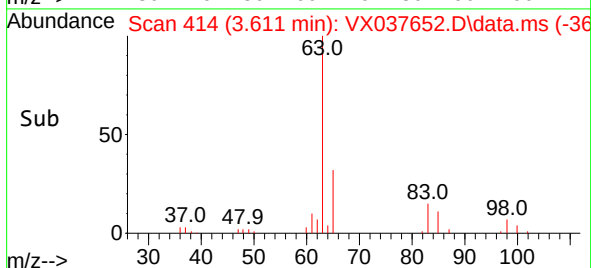
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

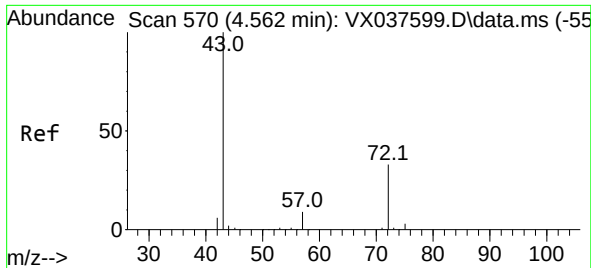


#24
 1,1-Dichloroethane
 Concen: 5.332 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037652.D
 Acq: 11 Sep 2023 20:14



Tgt Ion: 63 Resp: 19651
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.4 2.1 6.5





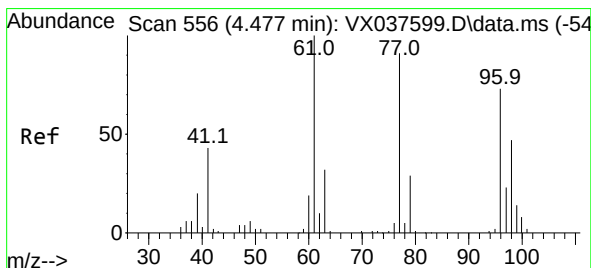
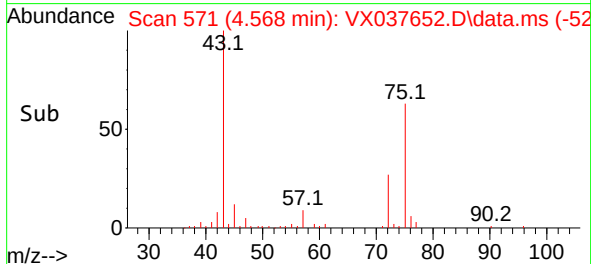
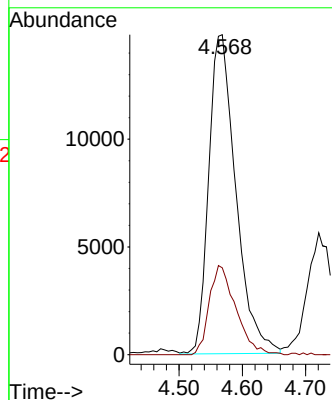
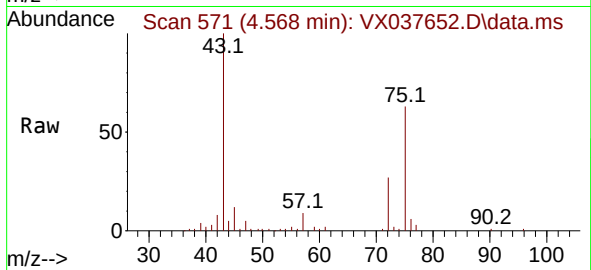
#25
2-Butanone
Concen: 25.745 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 44092
Ion Ratio Lower Upper
43 100
72 27.3 19.4 29.2

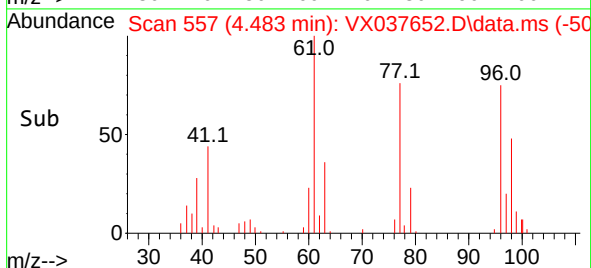
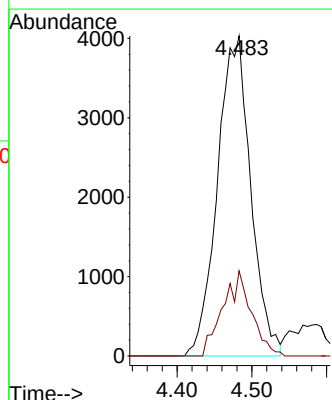
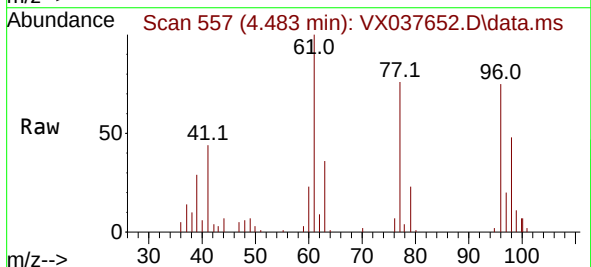
Manual Integrations
APPROVED

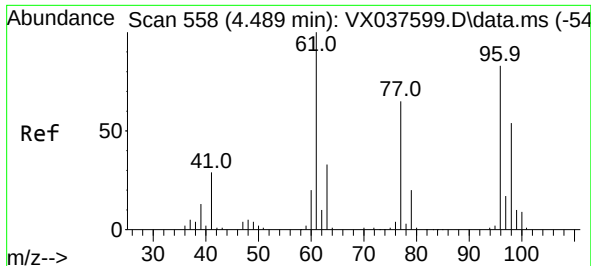
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#26
2,2-Dichloropropane
Concen: 4.892 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

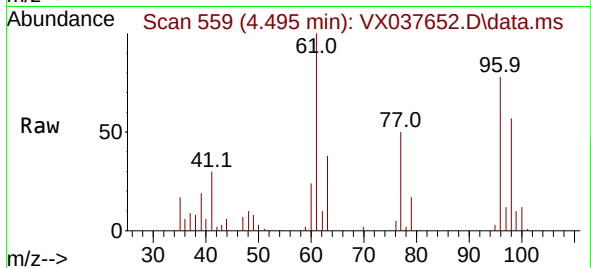
Tgt Ion: 77 Resp: 12483
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 5.311 ug/l
RT: 4.495 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

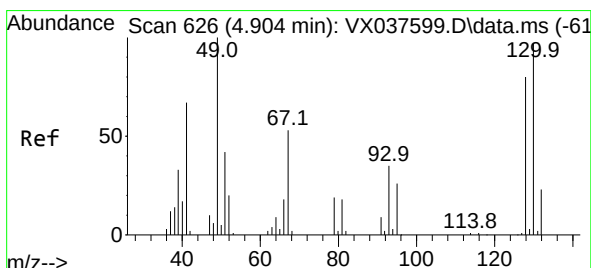
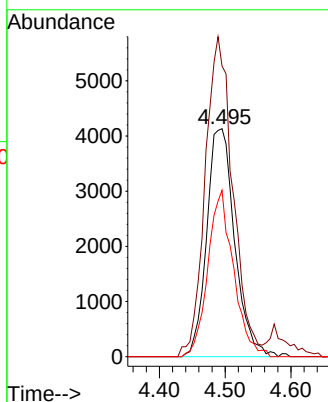
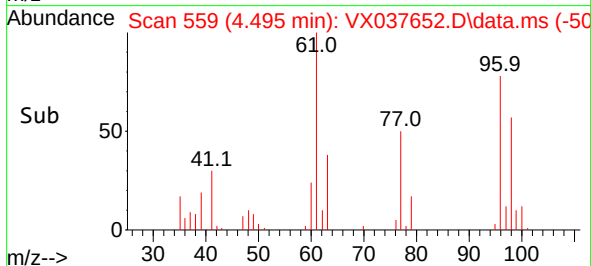
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



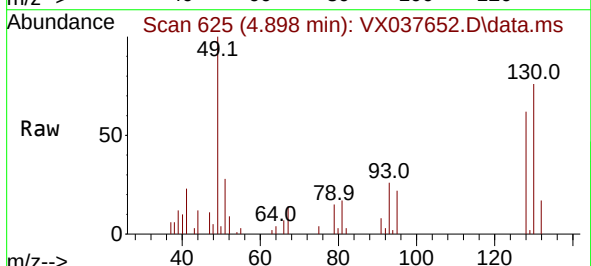
Tgt Ion: 96 Resp: 12215
Ion Ratio Lower Upper
96 100
61 139.5 0.0 312.2
98 67.0 0.0 129.0

Manual Integrations
APPROVED

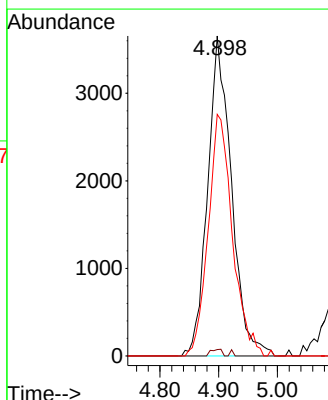
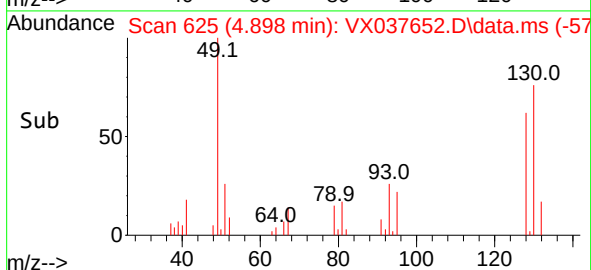
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

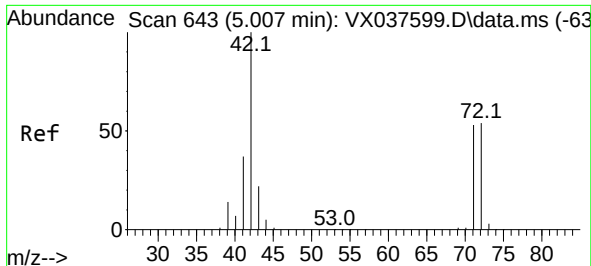


#28
Bromochloromethane
Concen: 5.488 ug/l
RT: 4.898 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14



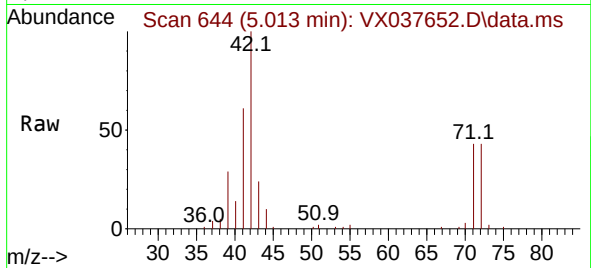
Tgt Ion: 49 Resp: 10257
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.8
130 77.0 57.5 86.3





#29
Tetrahydrofuran
Concen: 25.390 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

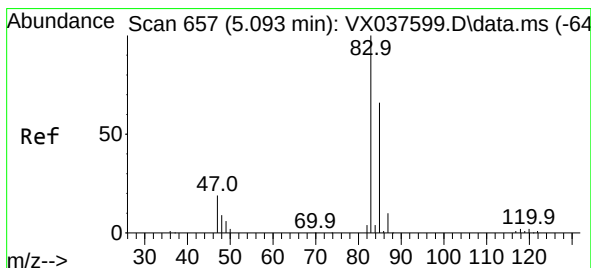
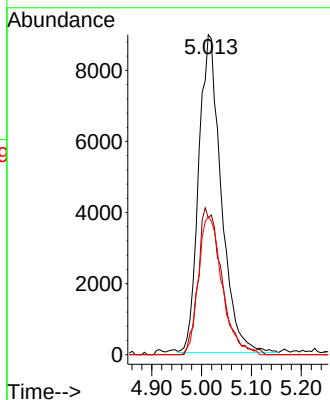
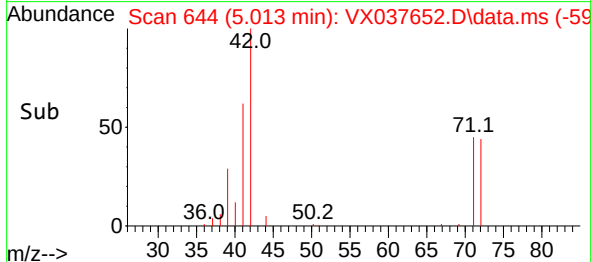
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 42 Resp: 2804
Ion Ratio Lower Upper
42 100
72 47.9 34.2 51.4
71 46.0 32.2 48.2

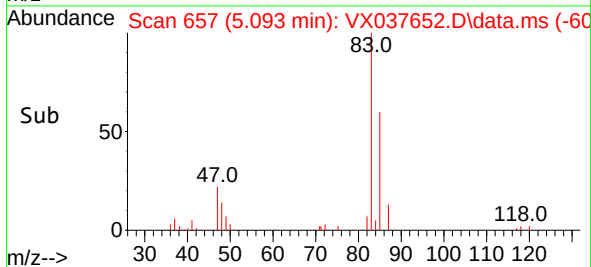
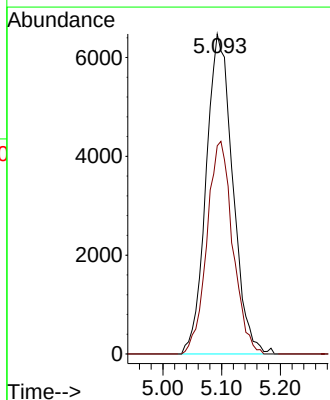
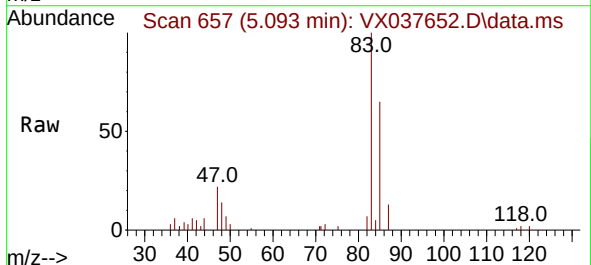
Manual Integrations
APPROVED

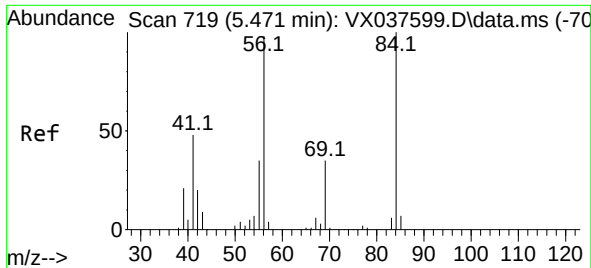
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#30
Chloroform
Concen: 5.109 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

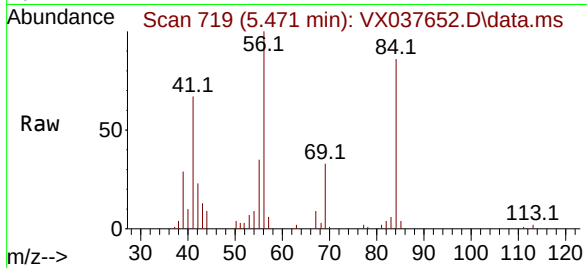
Tgt Ion: 83 Resp: 20413
Ion Ratio Lower Upper
83 100
85 65.0 50.3 75.5





#31
Cyclohexane
Concen: 5.432 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

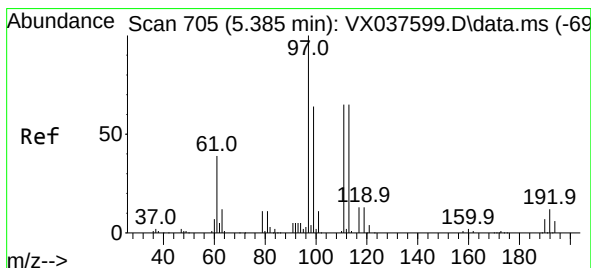
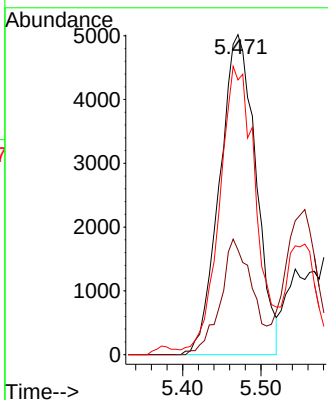
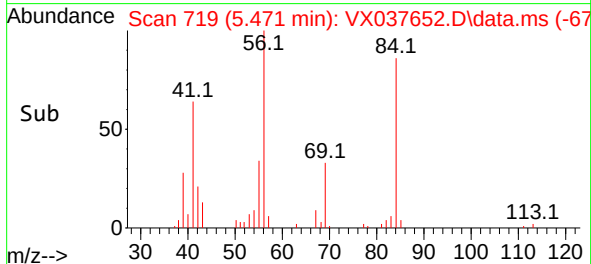
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



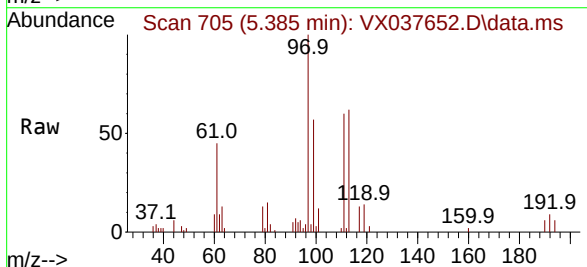
Tgt Ion: 56 Resp: 16139
Ion Ratio Lower Upper
56 100
69 32.8 23.4 35.2
84 84.2 65.9 98.9

Manual Integrations
APPROVED

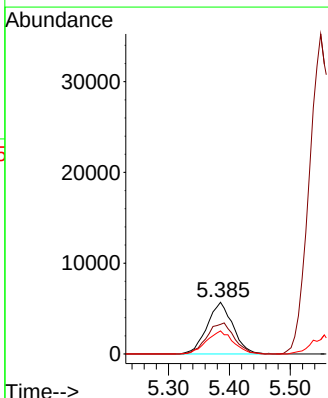
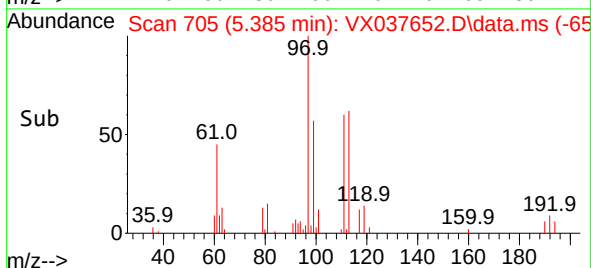
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

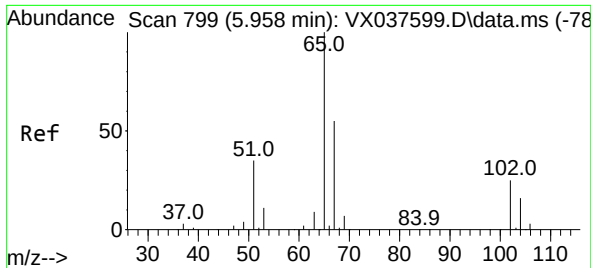


#32
1,1,1-Trichloroethane
Concen: 4.967 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14



Tgt Ion: 97 Resp: 16671
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 46.1 36.4 54.6





#33
 1,2-Dichloroethane-d4
 Concen: 5.712 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037652.D
 Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

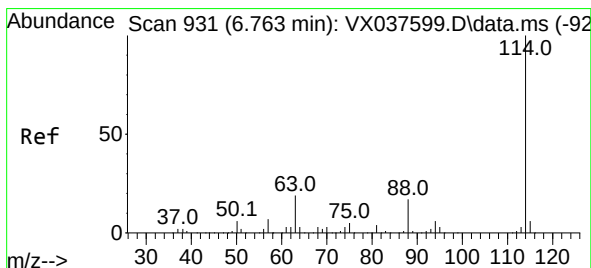
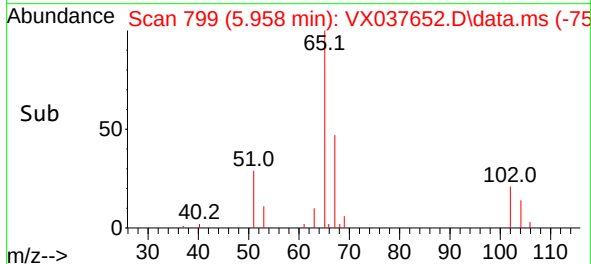
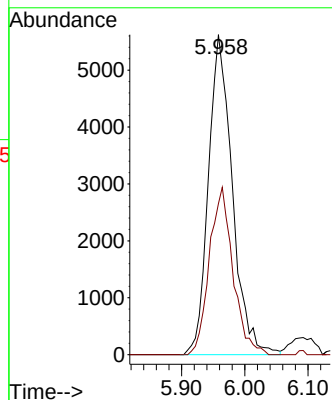
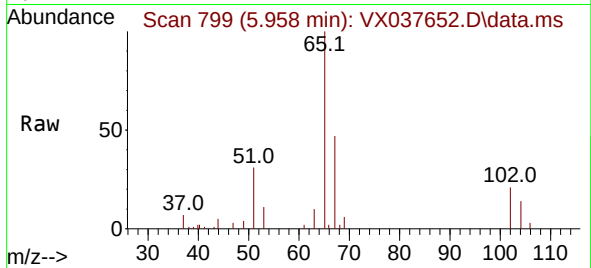
VSTDIC005

Tgt Ion: 65 Resp: 14738
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2

Manual Integrations

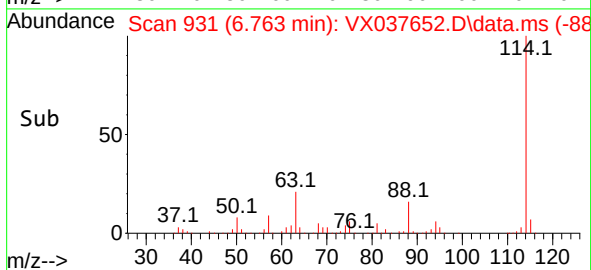
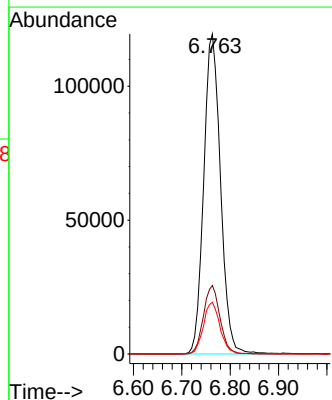
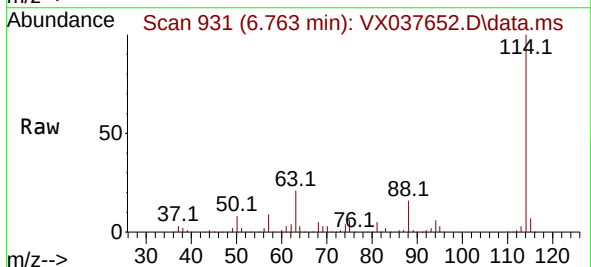
APPROVED

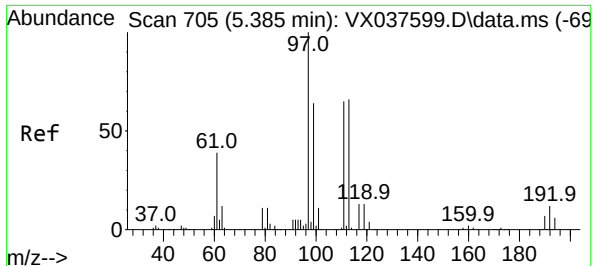
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037652.D
 Acq: 11 Sep 2023 20:14

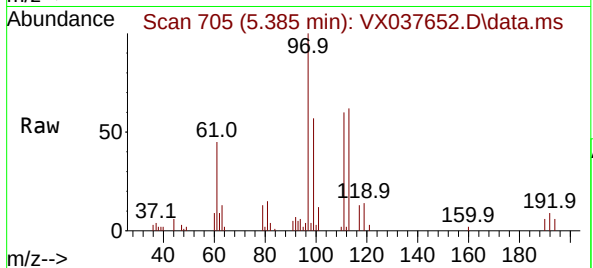
Tgt Ion:114 Resp: 288570
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.0
 88 16.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 5.213 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

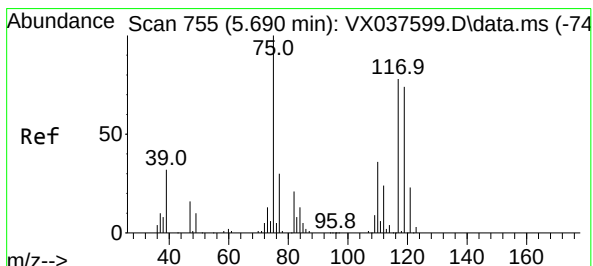
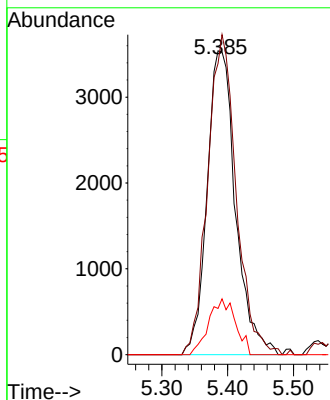
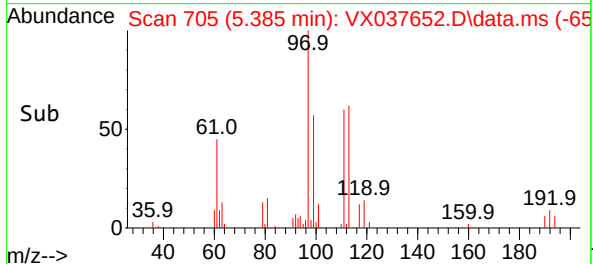
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 10662
Ion Ratio Lower Upper
113 100
111 105.6 82.9 124.3
192 17.2 13.3 19.9

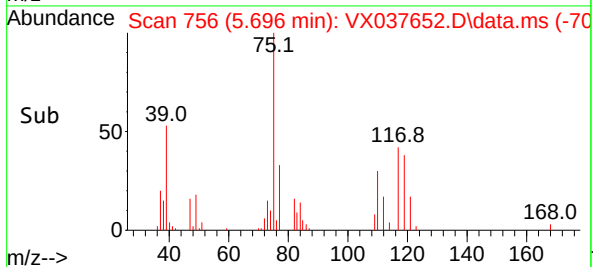
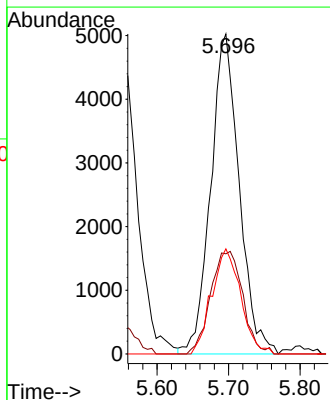
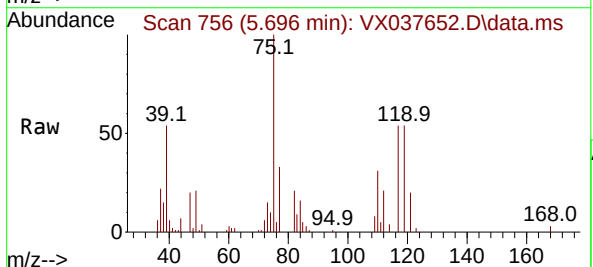
Manual Integrations
APPROVED

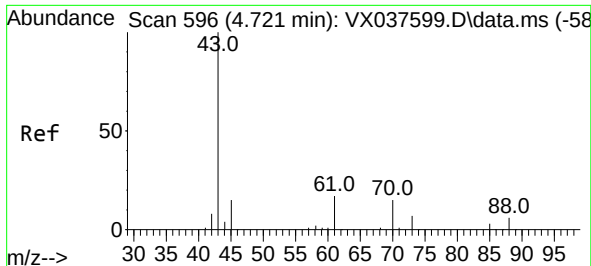
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#36
1,1-Dichloropropene
Concen: 4.933 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion: 75 Resp: 13913
Ion Ratio Lower Upper
75 100
110 36.2 17.0 50.9
77 33.5 24.7 37.1





#37

Ethyl Acetate

Concen: 5.135 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

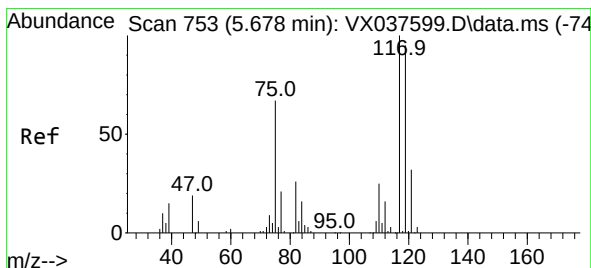
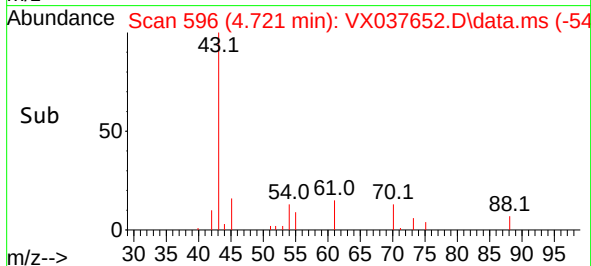
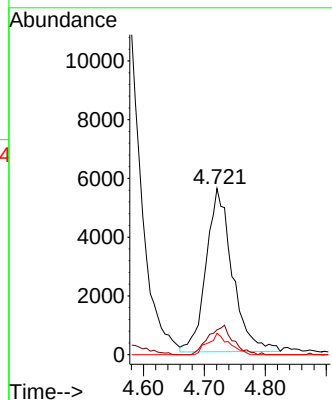
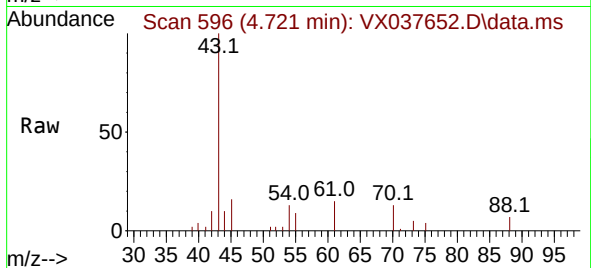
Tgt Ion: 43	Resp: 1670
Ion Ratio	Lower Upper
43 100	
61 16.8	10.6 16.0
70 10.6	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#38

Carbon Tetrachloride

Concen: 4.918 ug/l

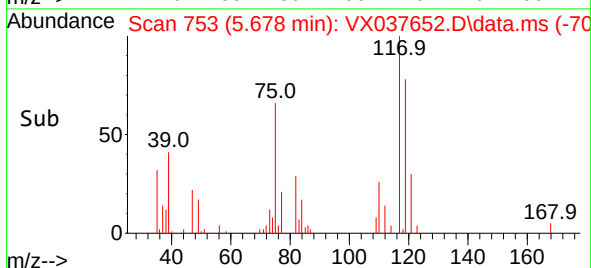
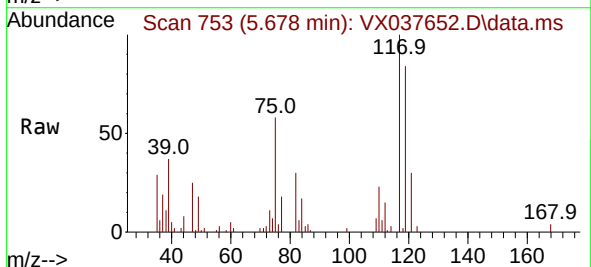
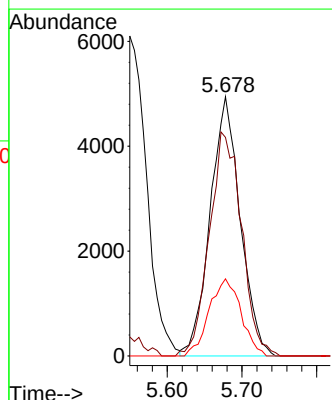
RT: 5.678 min Scan# 753

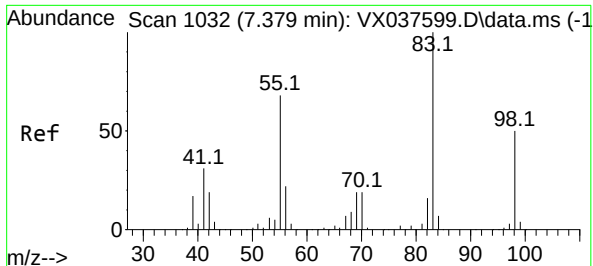
Delta R.T. 0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Tgt Ion: 117	Resp: 13854
Ion Ratio	Lower Upper
117 100	
119 84.3	78.2 117.2
121 29.8	24.4 36.6





#39

Methylcyclohexane

Concen: 4.975 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 1650

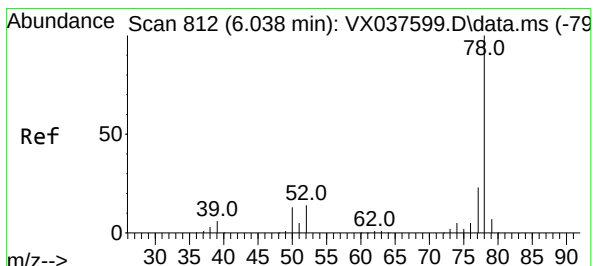
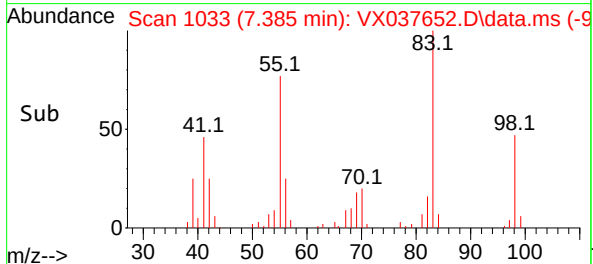
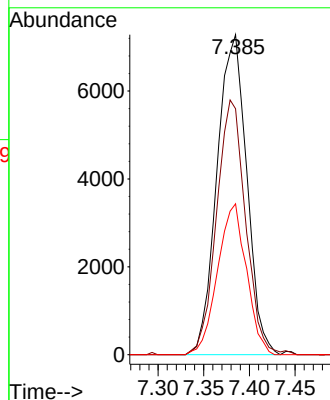
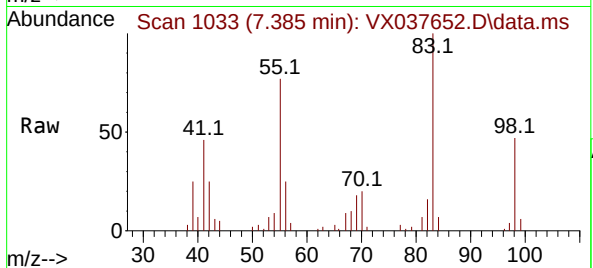
Ion	Ratio	Lower	Upper
83	100		
55	76.8	64.6	97.0
98	47.2	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#40

Benzene

Concen: 5.174 ug/l

RT: 6.038 min Scan# 812

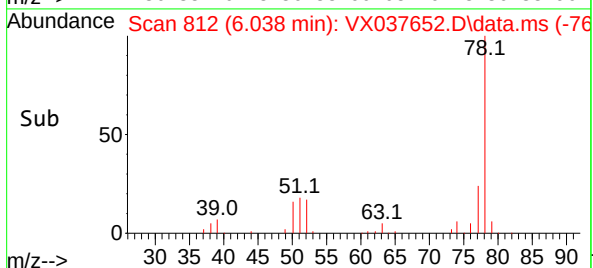
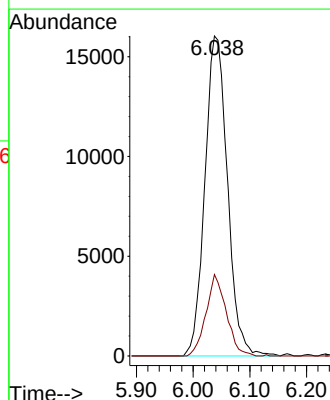
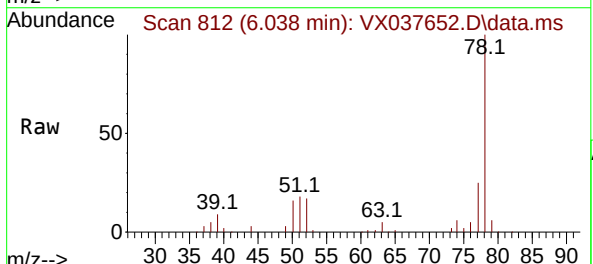
Delta R.T. -0.000 min

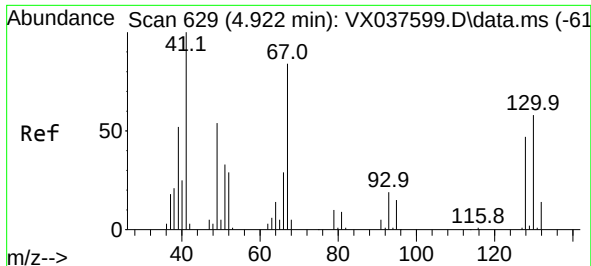
Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Tgt Ion: 78 Resp: 44374

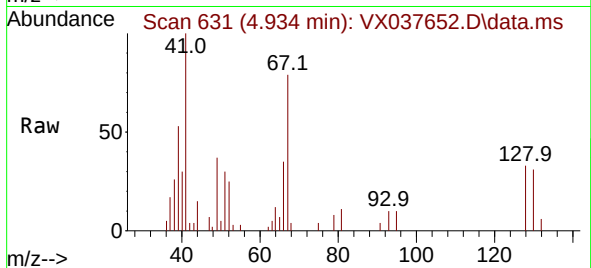
Ion	Ratio	Lower	Upper
78	100		
77	25.5	19.3	28.9





#41
Methacrylonitrile
Concen: 4.809 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

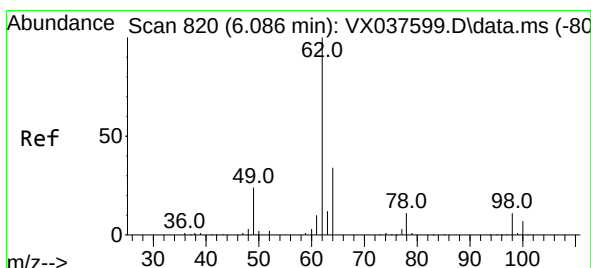
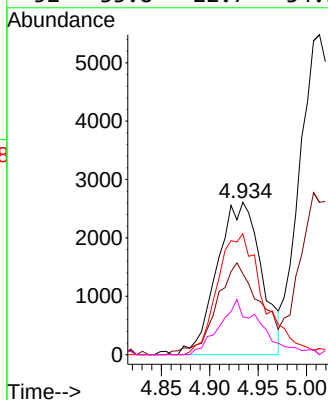
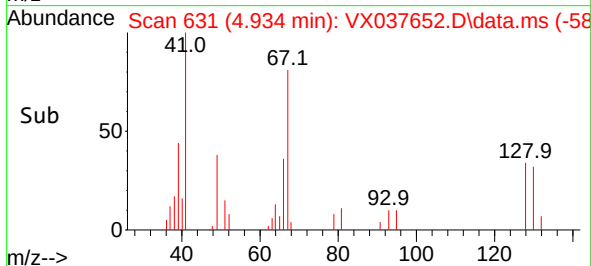
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 831
Ion Ratio Lower Upper
41 100
39 59.3 45.2 67.8
67 81.9 52.6 78.8
52 33.8 22.7 34.1

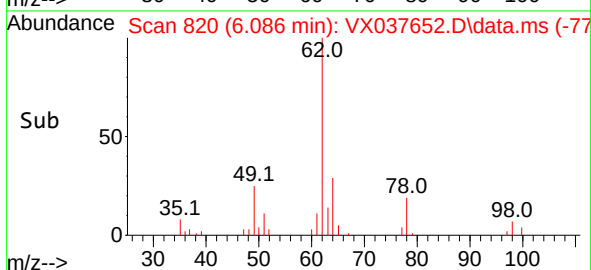
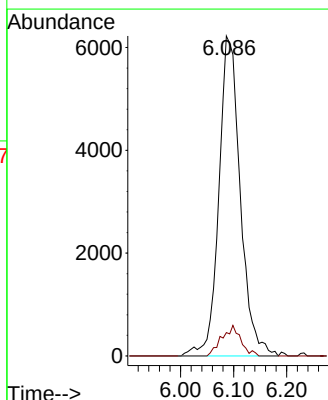
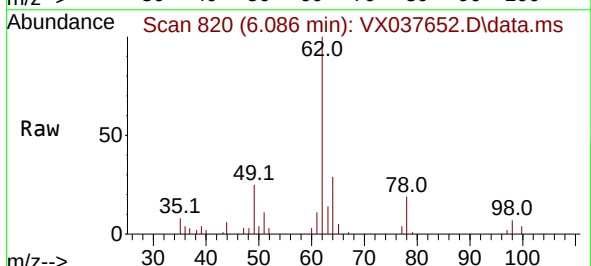
Manual Integrations
APPROVED

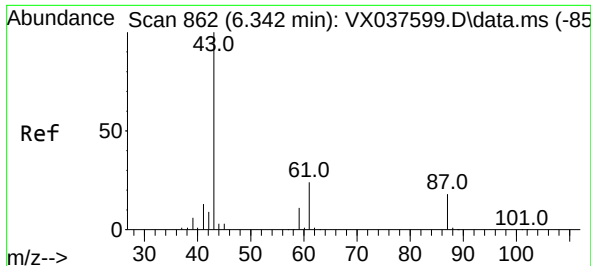
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#42
1,2-Dichloroethane
Concen: 5.256 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion: 62 Resp: 17468
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 4.899 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

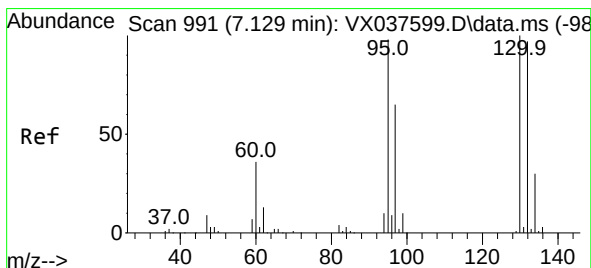
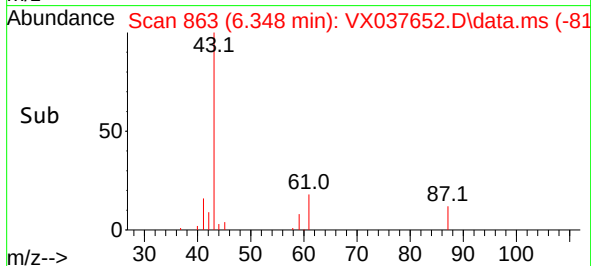
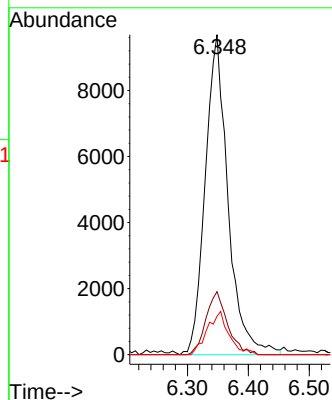
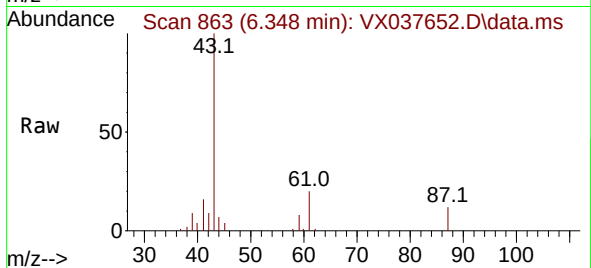
Tgt Ion: 43	Resp: 2519
Ion Ratio	Lower Upper
43 100	
61 18.6	15.2 22.8
87 12.8	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#44

Trichloroethene

Concen: 4.988 ug/l

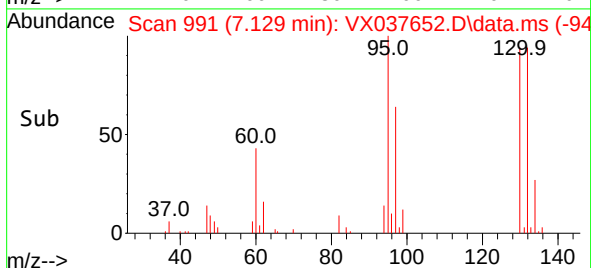
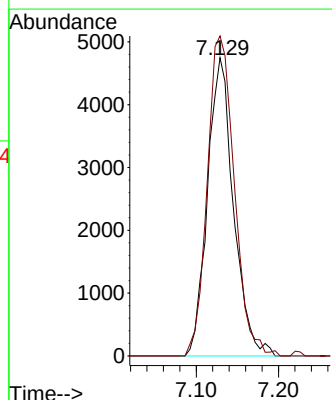
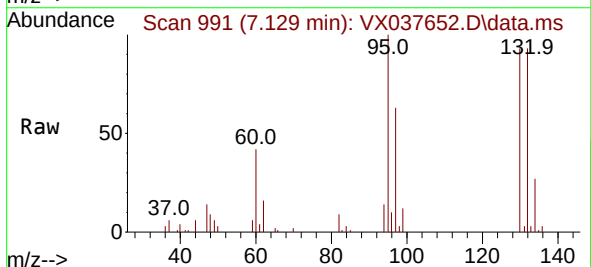
RT: 7.129 min Scan# 991

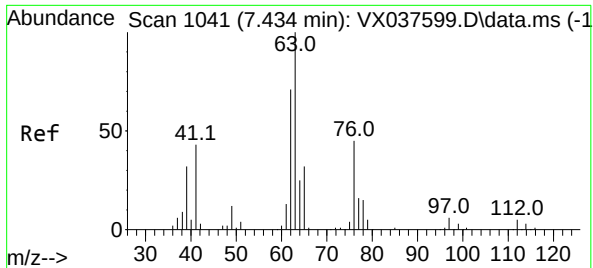
Delta R.T. -0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Tgt Ion:130	Resp: 10442
Ion Ratio	Lower Upper
130 100	
95 107.3	0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.197 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 1169

Ion Ratio Lower Upper

63 100

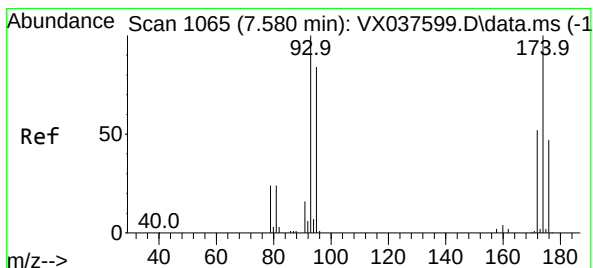
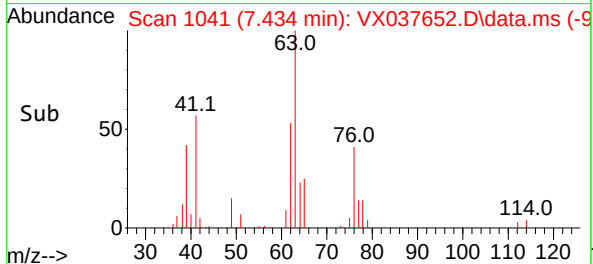
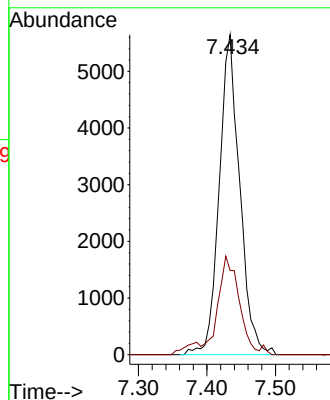
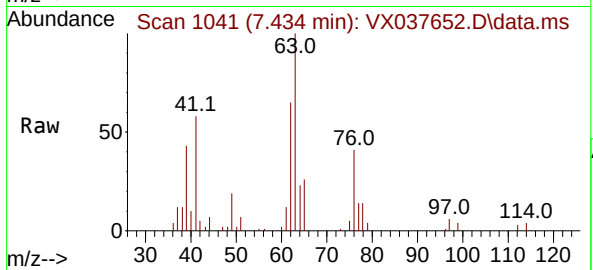
65 26.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#46

Dibromomethane

Concen: 5.067 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

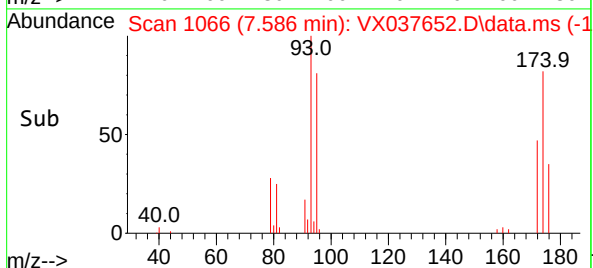
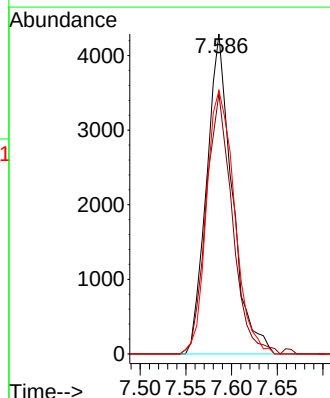
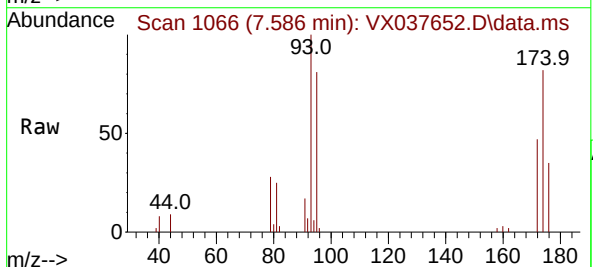
Tgt Ion: 93 Resp: 8320

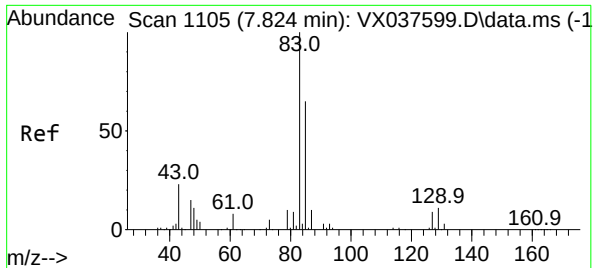
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 90.3 69.4 104.0





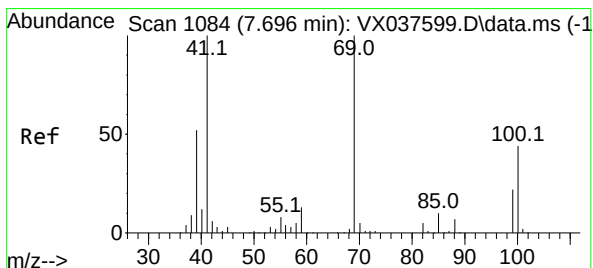
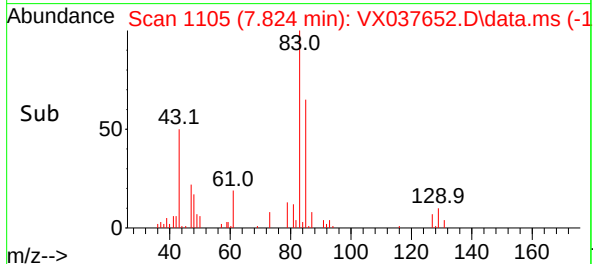
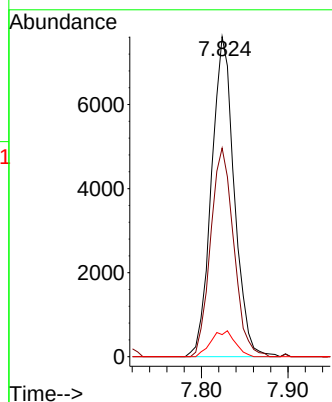
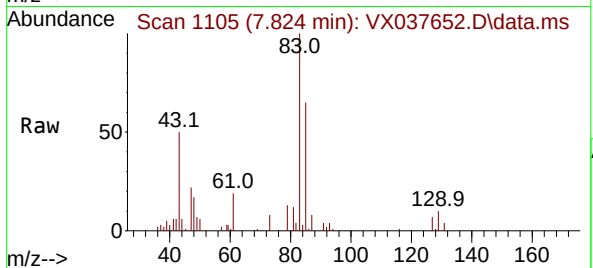
#47
Bromodichloromethane
Concen: 4.732 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 13920
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 6.9 7.1 10.7

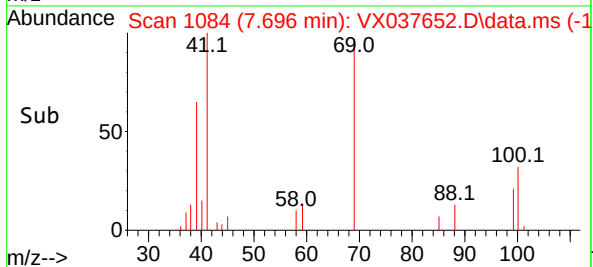
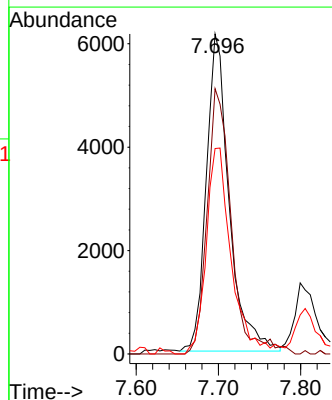
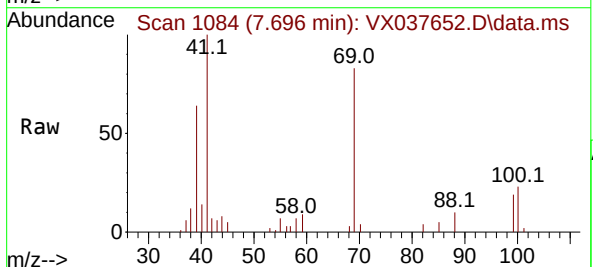
Manual Integrations
APPROVED

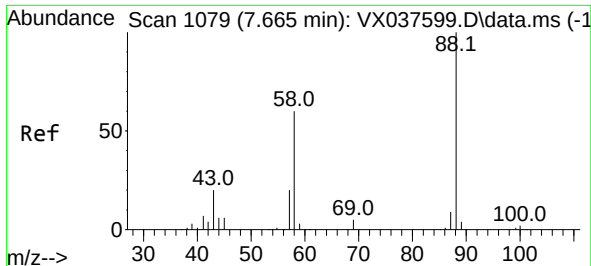
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#48
Methyl methacrylate
Concen: 4.707 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion: 41 Resp: 11822
Ion Ratio Lower Upper
41 100
69 88.5 59.2 88.8
39 71.8 47.7 71.5





#49

1,4-Dioxane

Concen: 93.918 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

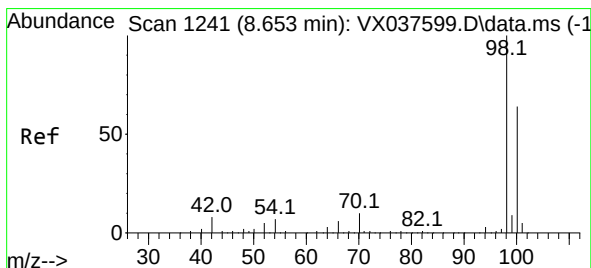
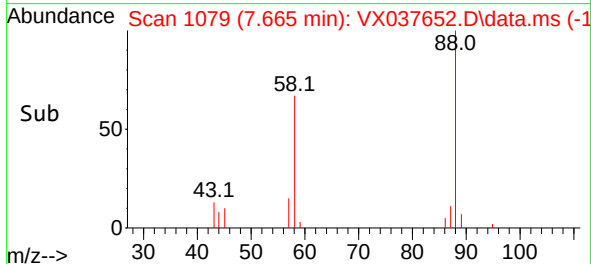
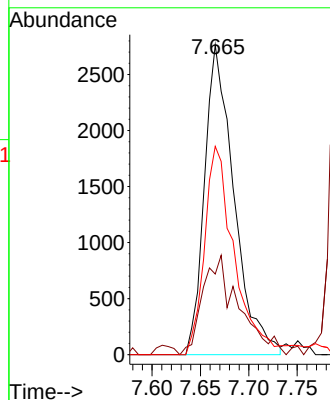
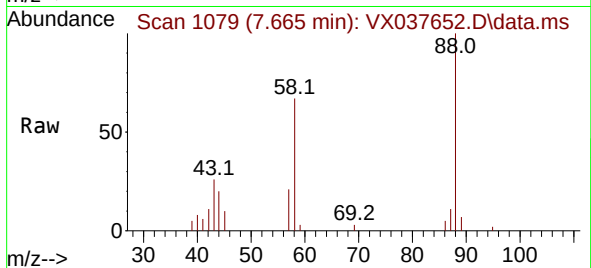
Tgt Ion: 88	Resp: 5879
Ion Ratio	Lower Upper
88 100	
43 39.1	0.0 0.0
58 67.0	60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#50

Toluene-d8

Concen: 5.277 ug/l

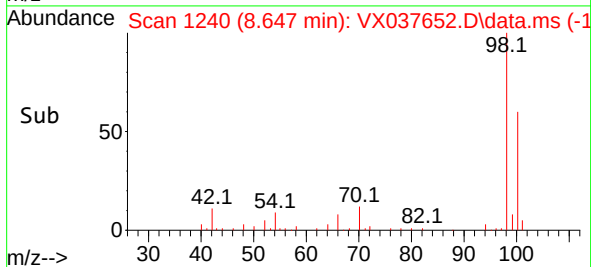
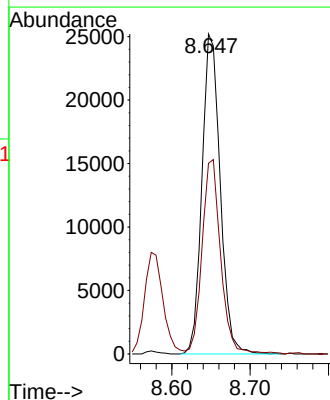
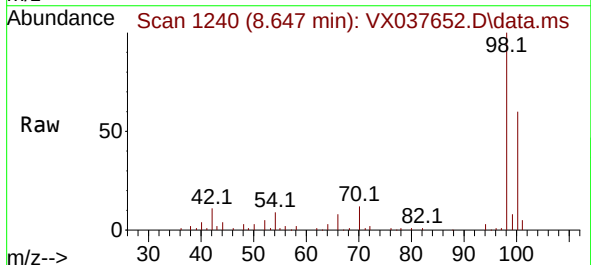
RT: 8.647 min Scan# 1240

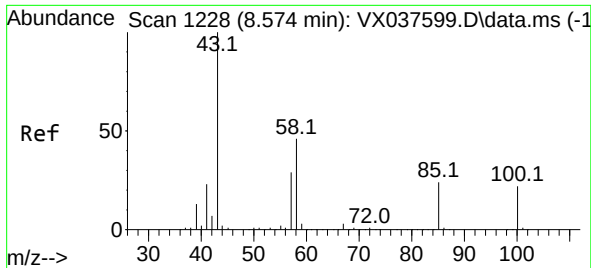
Delta R.T. -0.006 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Tgt Ion: 98	Resp: 40709
Ion Ratio	Lower Upper
98 100	
100 62.1	53.1 79.7





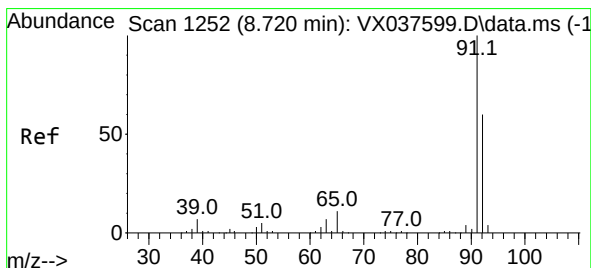
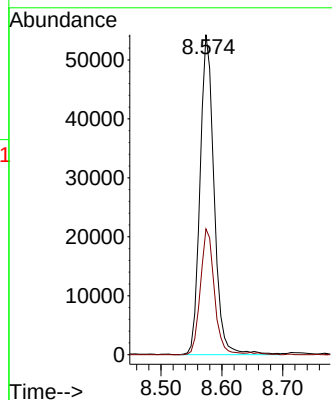
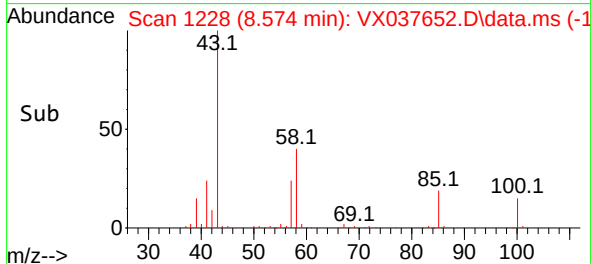
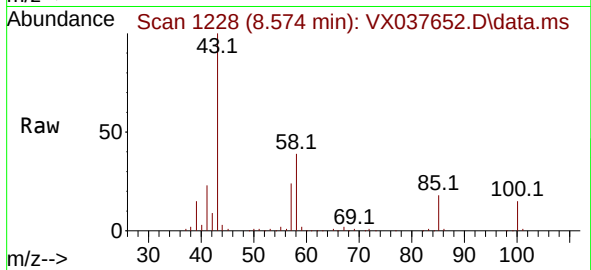
#51
4-Methyl-2-Pentanone
Concen: 25.738 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 8726
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

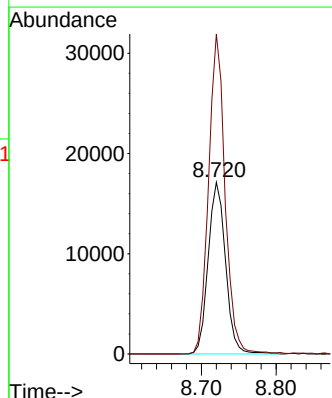
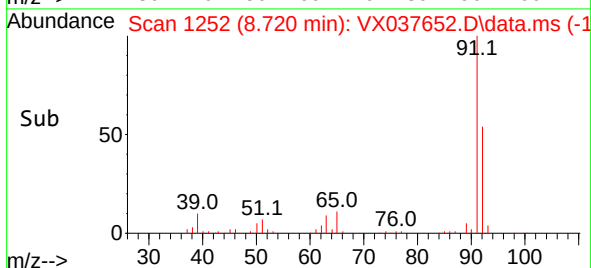
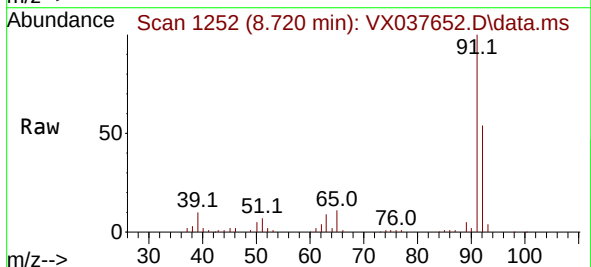
Manual Integrations
APPROVED

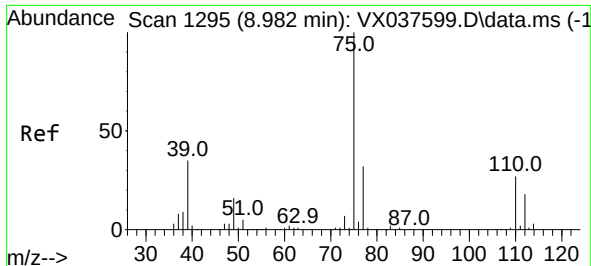
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#52
Toluene
Concen: 5.095 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion: 92 Resp: 27653
Ion Ratio Lower Upper
92 100
91 177.5 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 4.436 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

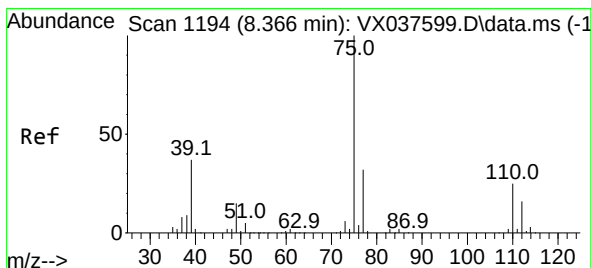
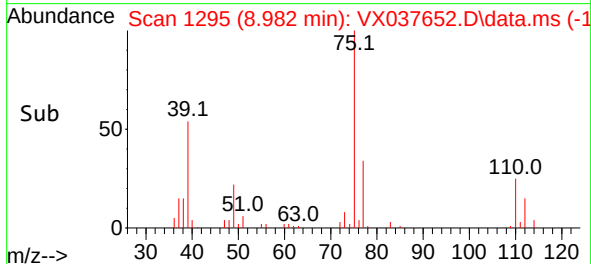
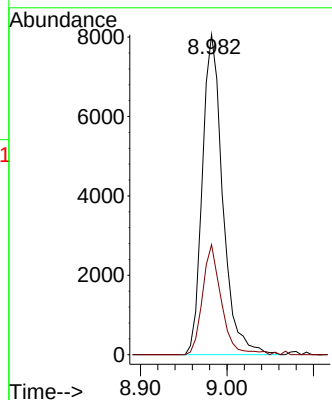
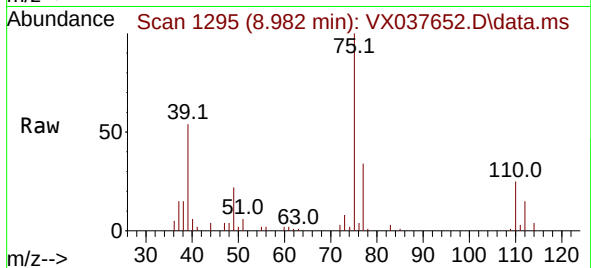
VSTDIC005

Tgt Ion: 75 Resp: 13194
Ion Ratio Lower Upper
75 100
77 34.3 25.7 38.5

Manual Integrations

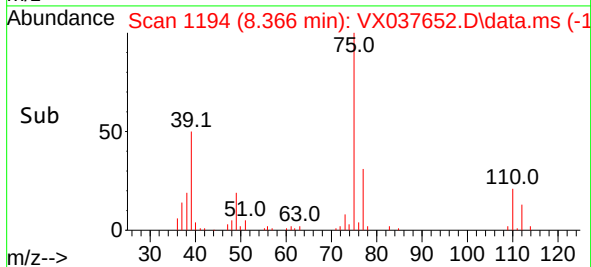
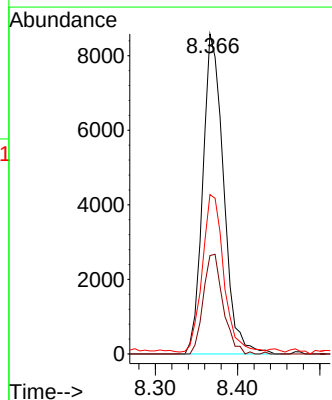
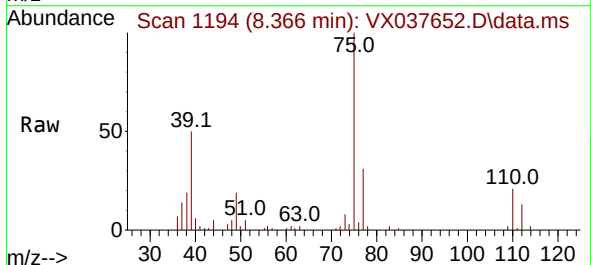
APPROVED

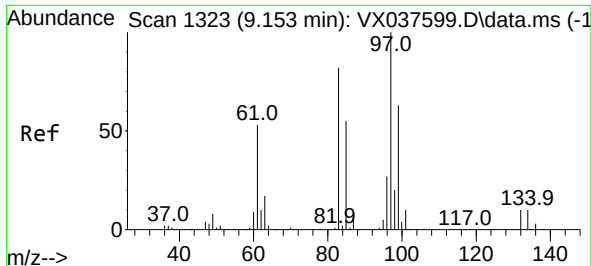
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#54
cis-1,3-Dichloropropene
Concen: 4.644 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion: 75 Resp: 15064
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9
39 49.2 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 4.908 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

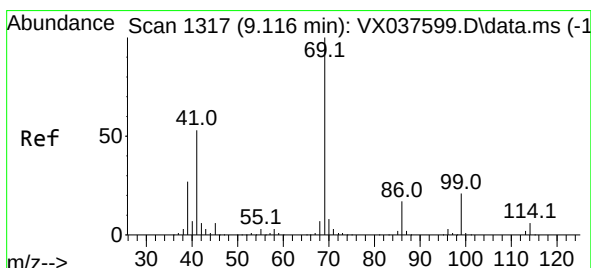
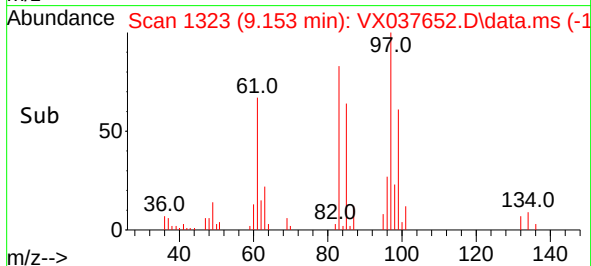
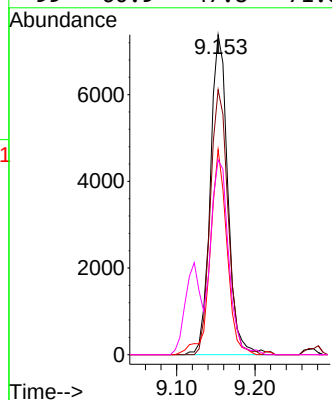
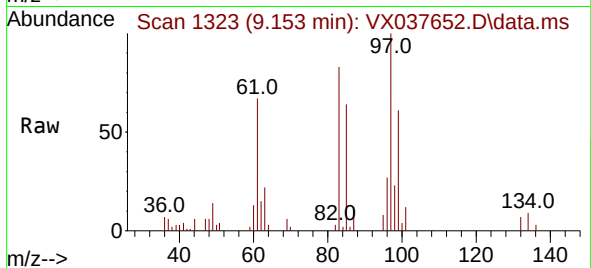
Tgt Ion: 97	Resp: 1145
Ion Ratio	Lower Upper
97 100	
83 82.8	65.8 98.8
85 64.1	41.6 62.4
99 60.9	47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#56

Ethyl methacrylate

Concen: 4.827 ug/l

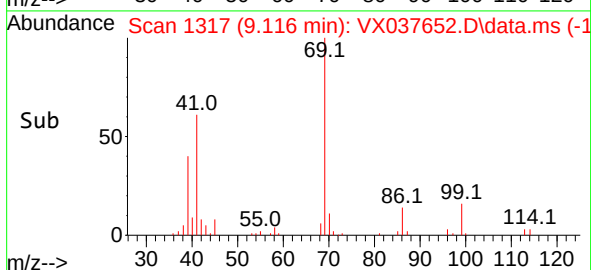
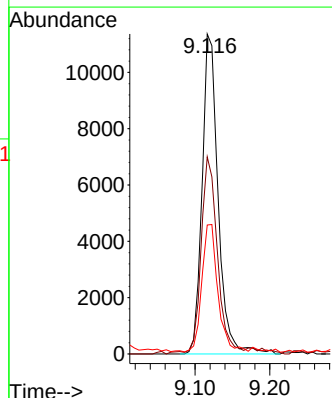
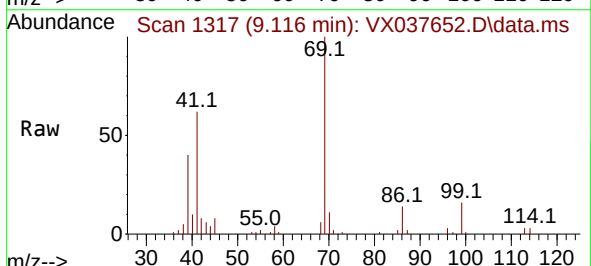
RT: 9.116 min Scan# 1317

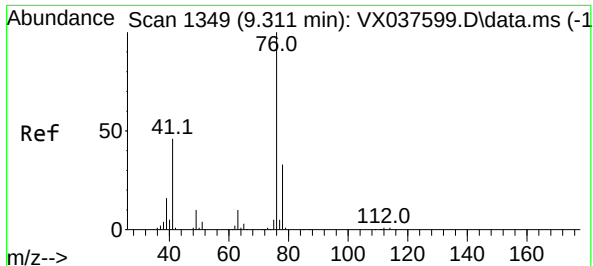
Delta R.T. 0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Tgt Ion: 69	Resp: 16928
Ion Ratio	Lower Upper
69 100	
41 62.6	56.8 85.2
39 39.7	32.0 48.0





#57

1,3-Dichloropropane

Concen: 5.057 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1964

Ion Ratio Lower Upper

76 100

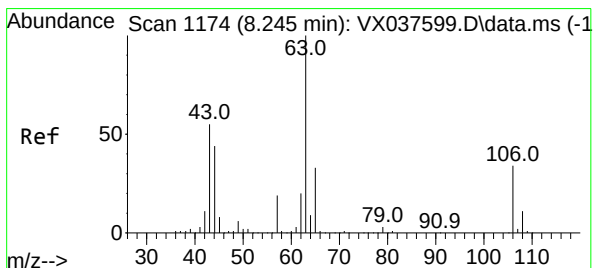
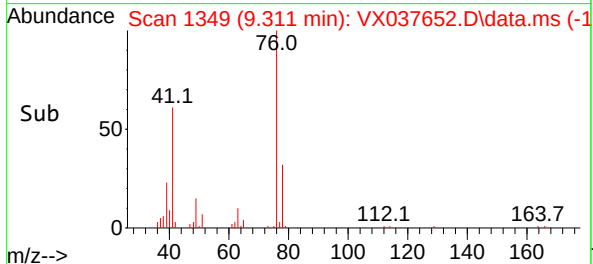
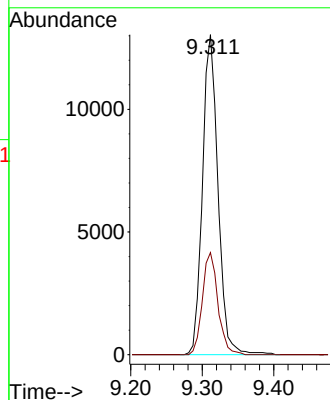
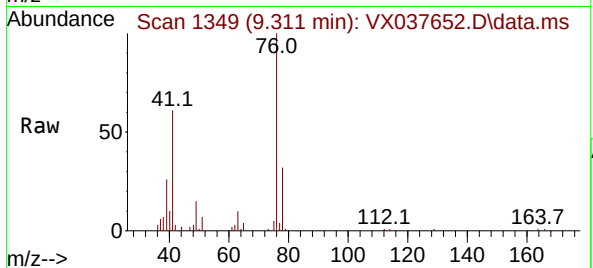
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 25.882 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037652.D

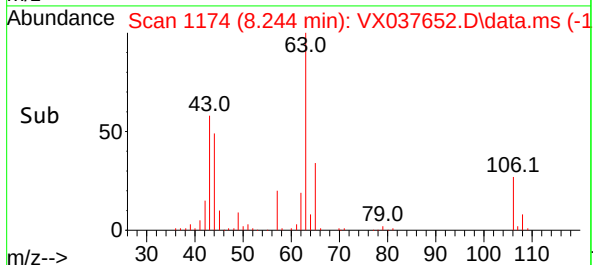
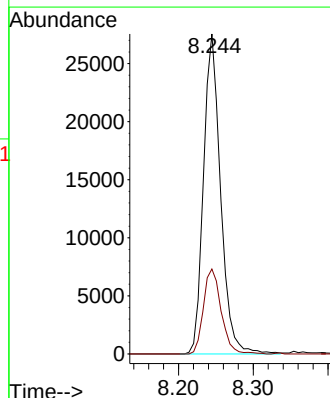
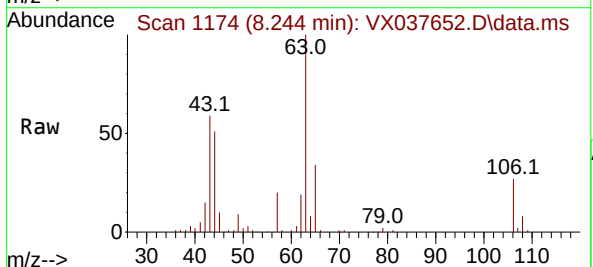
Acq: 11 Sep 2023 20:14

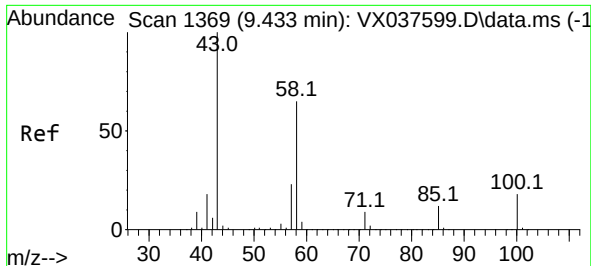
Tgt Ion: 63 Resp: 43808

Ion Ratio Lower Upper

63 100

106 27.5 22.5 33.7





#59

2-Hexanone

Concen: 24.935 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 6484

Ion Ratio Lower Upper

43 100

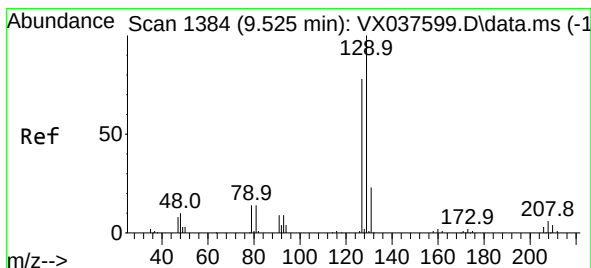
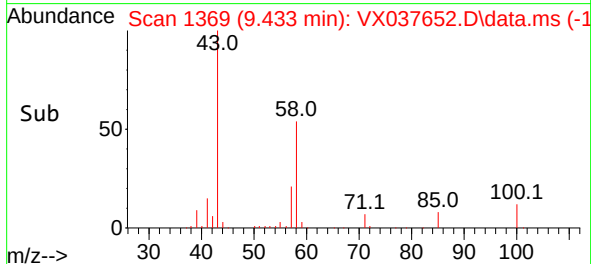
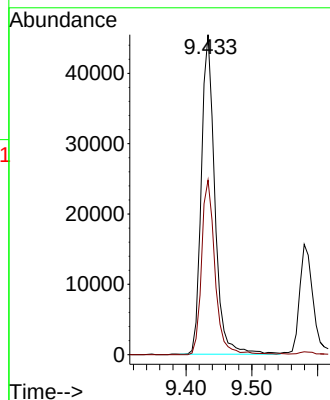
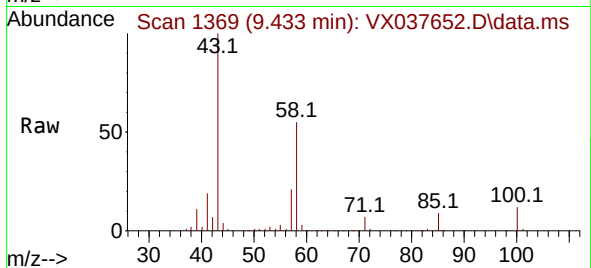
58 54.6 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#60

Dibromochloromethane

Concen: 4.510 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX037652.D

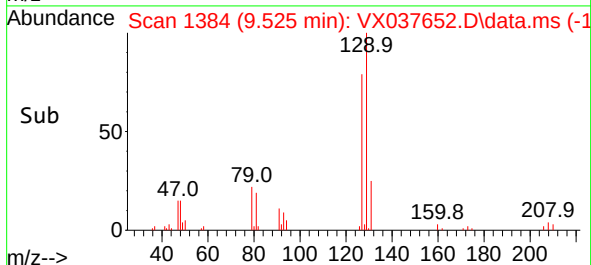
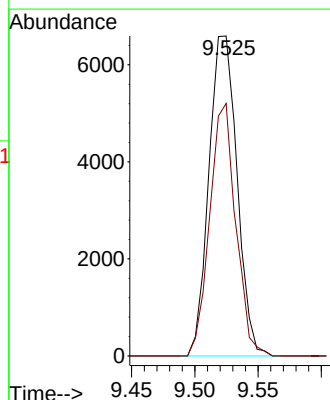
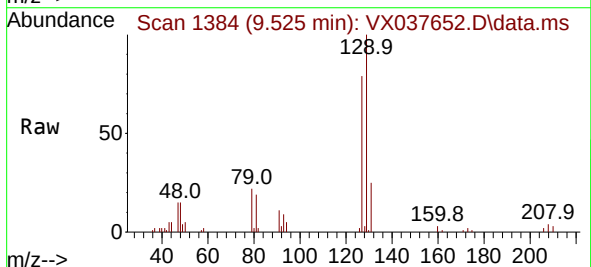
Acq: 11 Sep 2023 20:14

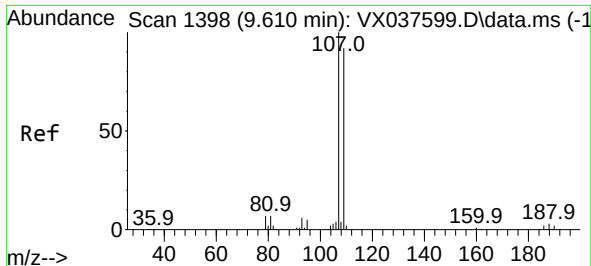
Tgt Ion:129 Resp: 10216

Ion Ratio Lower Upper

129 100

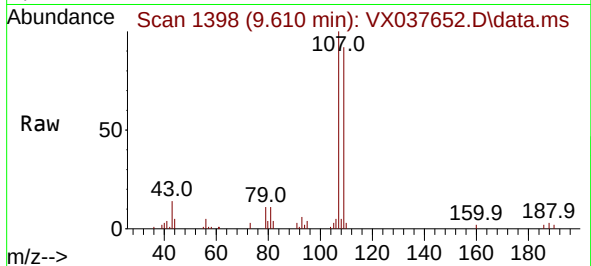
127 73.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.903 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

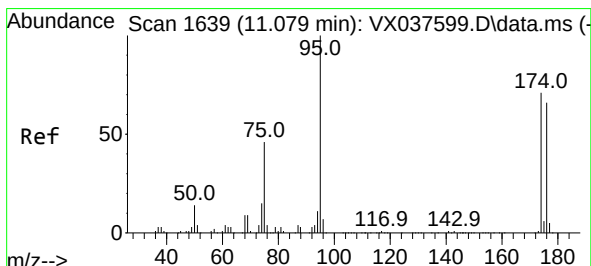
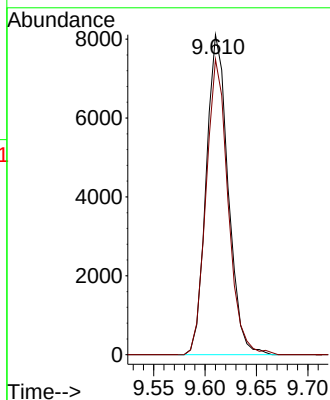
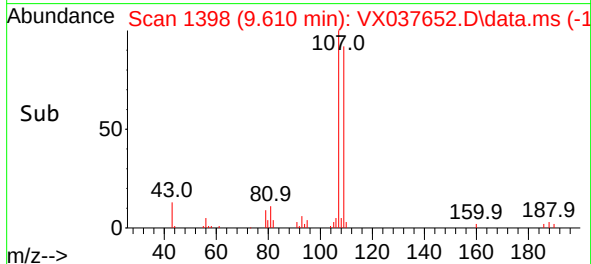
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 12064
Ion Ratio Lower Upper
107 100
109 92.5 75.2 112.8

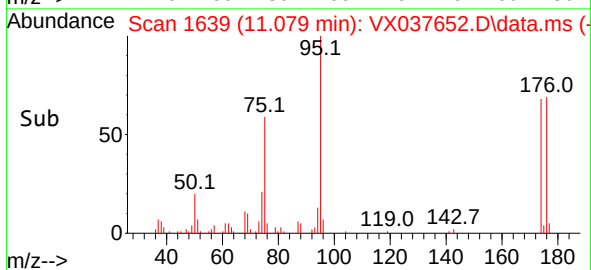
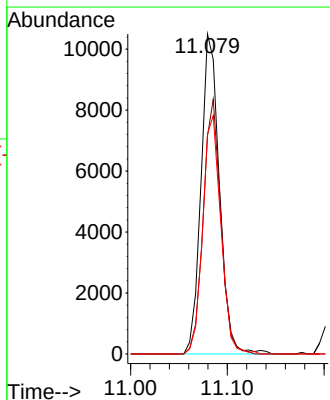
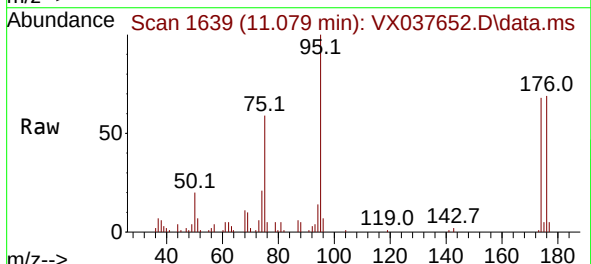
Manual Integrations
APPROVED

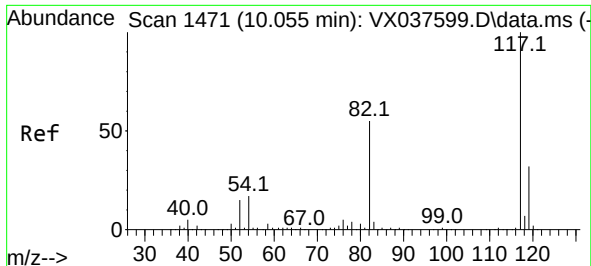
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#62
4-Bromofluorobenzene
Concen: 4.982 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

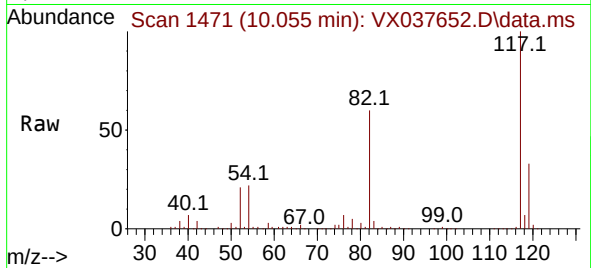
Tgt Ion: 95 Resp: 13865
Ion Ratio Lower Upper
95 100
174 76.3 0.0 135.6
176 73.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

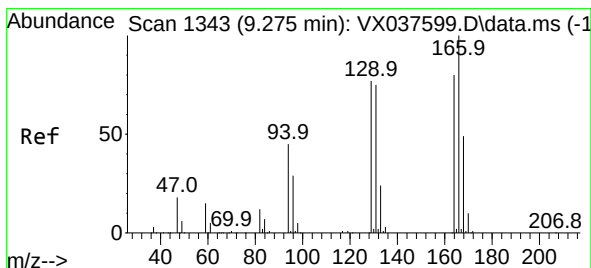
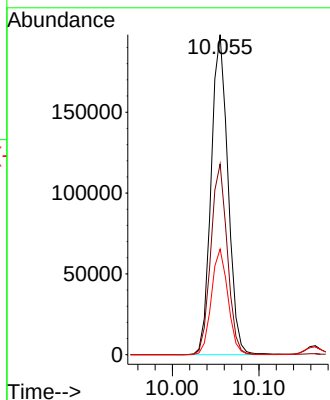
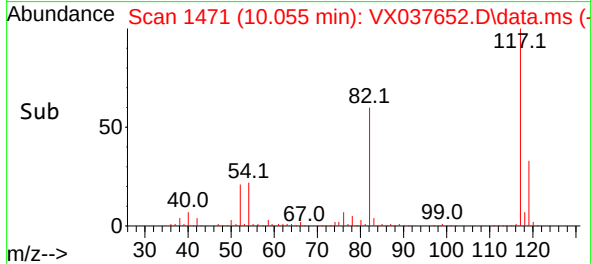
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 267460
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 33.0 25.5 38.3

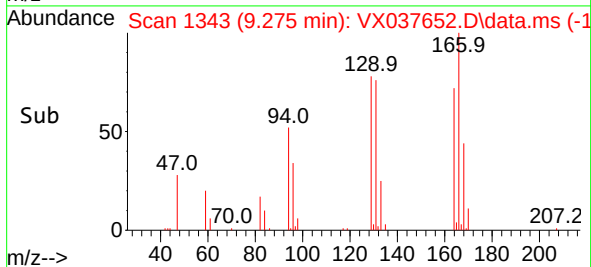
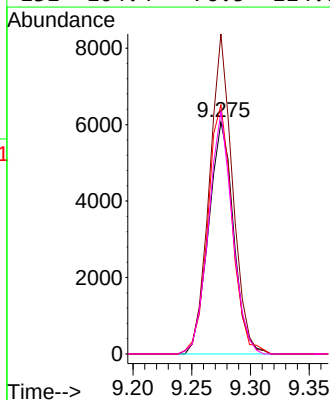
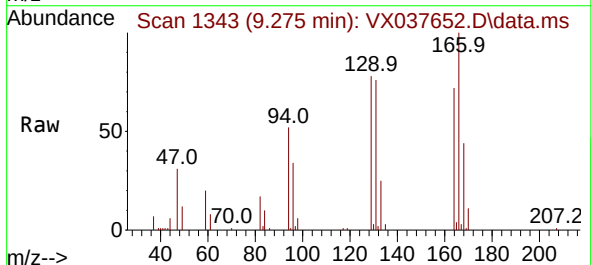
Manual Integrations
APPROVED

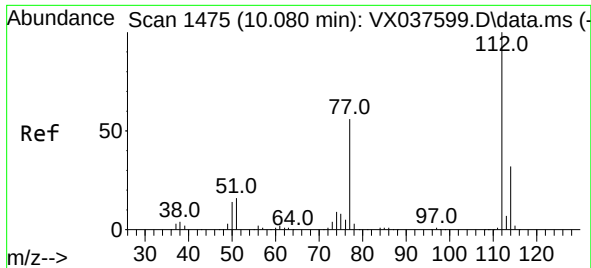
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
Tetrachloroethene
Concen: 5.208 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion:164 Resp: 8923
Ion Ratio Lower Upper
164 100
166 138.0 102.7 154.1
129 107.4 80.4 120.6
131 104.4 76.5 114.7





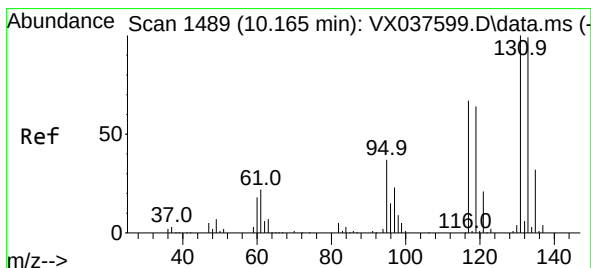
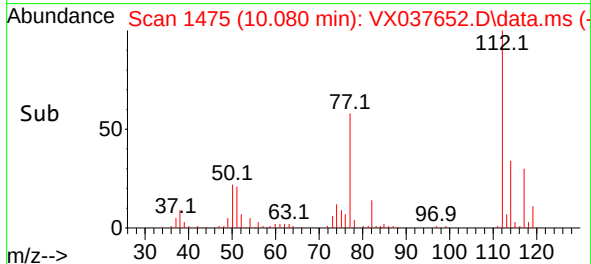
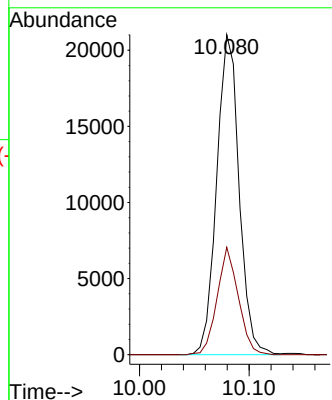
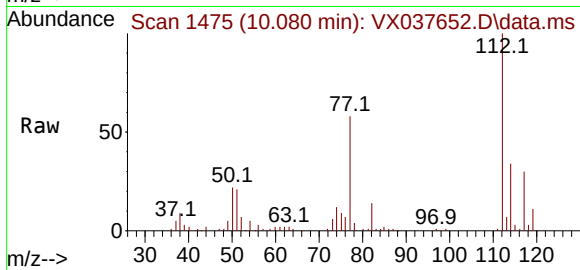
#65
Chlorobenzene
Concen: 5.182 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 29879
Ion Ratio Lower Upper
112 100
114 33.6 25.7 38.5

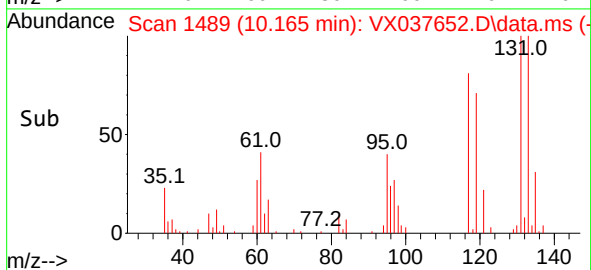
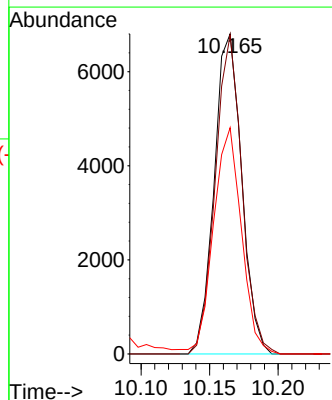
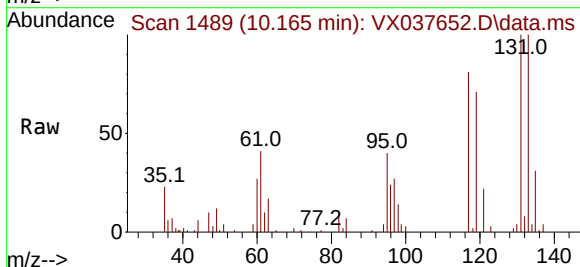
Manual Integrations
APPROVED

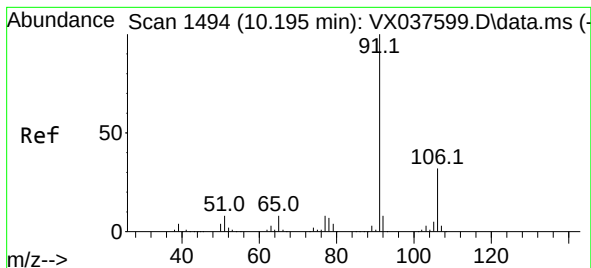
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.709 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion:131 Resp: 9476
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 72.0 32.2 96.6





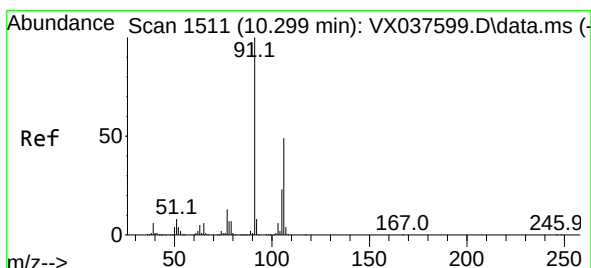
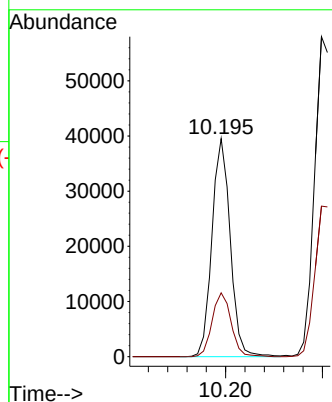
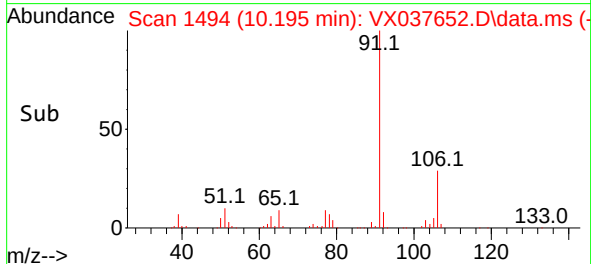
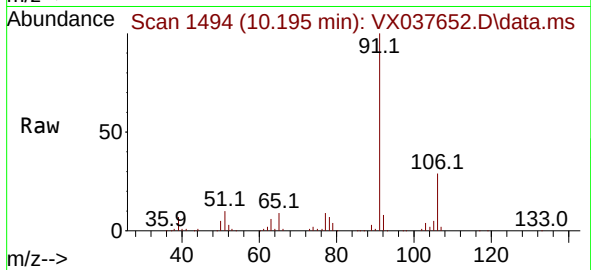
#67
Ethyl Benzene
Concen: 5.064 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 51924
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3

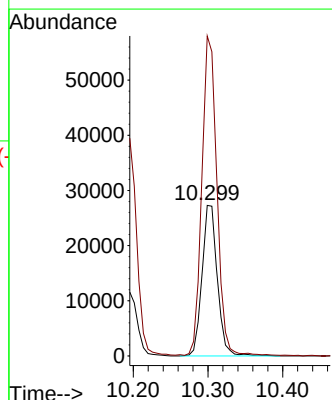
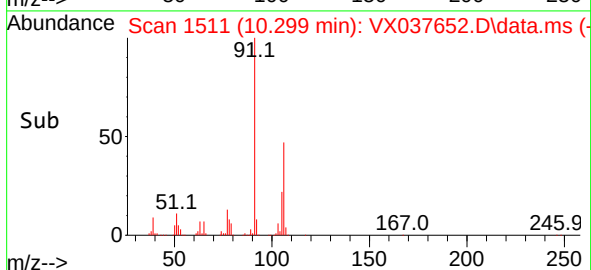
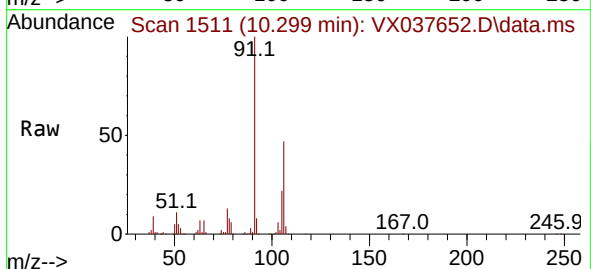
Manual Integrations
APPROVED

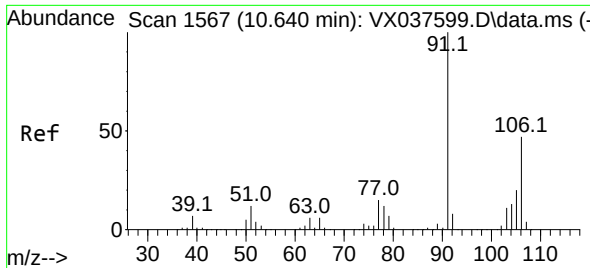
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#68
m/p-Xylenes
Concen: 9.925 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion:106 Resp: 38779
Ion Ratio Lower Upper
106 100
91 211.0 165.5 248.3





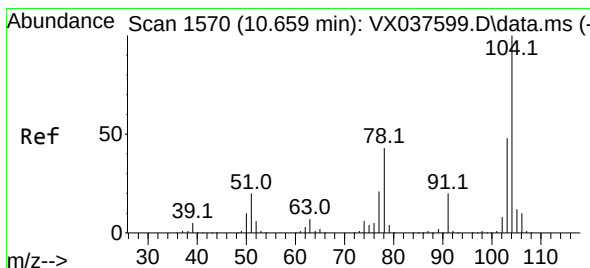
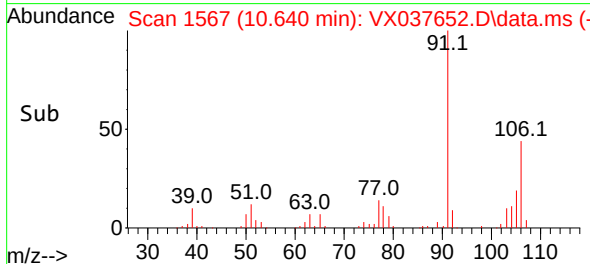
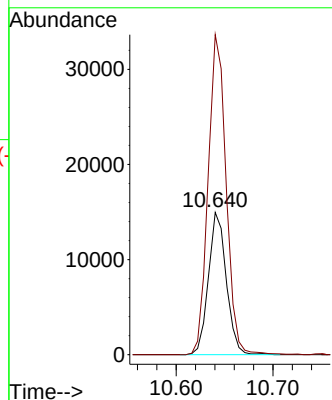
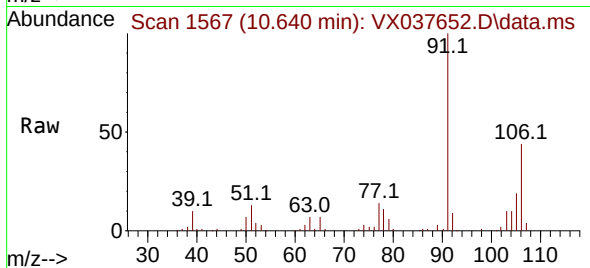
#69
o-Xylene
Concen: 4.980 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1929
Ion Ratio Lower Upper
106 100
91 226.5 108.9 326.8

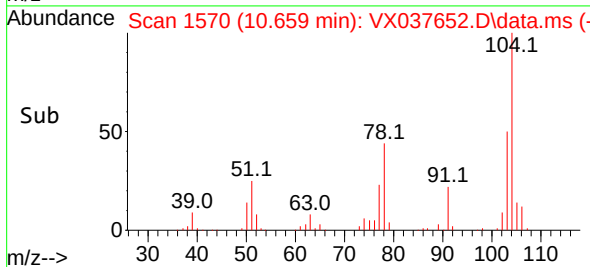
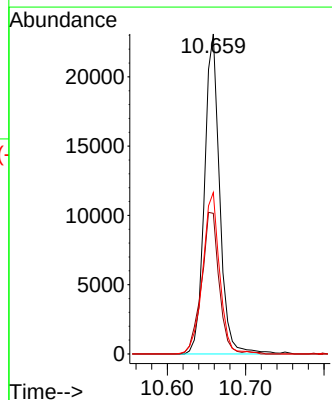
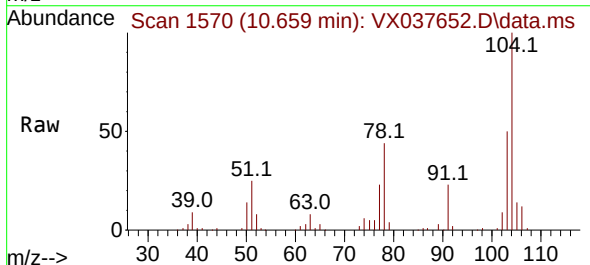
Manual Integrations
APPROVED

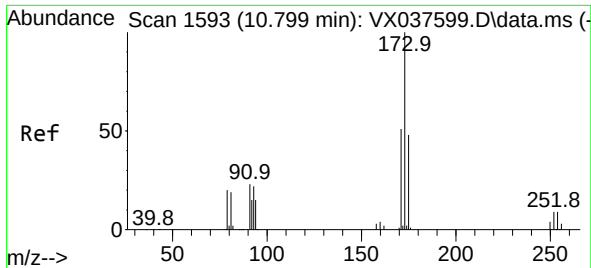
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
Styrene
Concen: 4.857 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

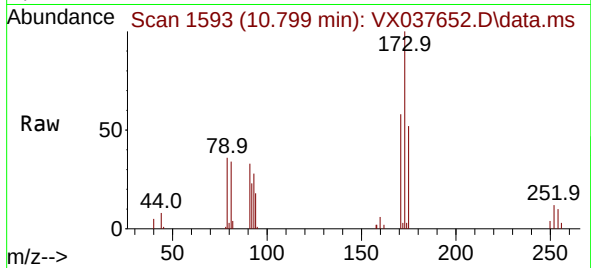
Tgt Ion:104 Resp: 31044
Ion Ratio Lower Upper
104 100
78 50.9 43.6 65.4
103 56.2 43.6 65.4





#71
Bromoform
Concen: 4.120 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

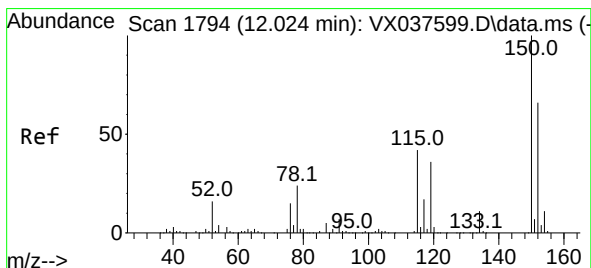
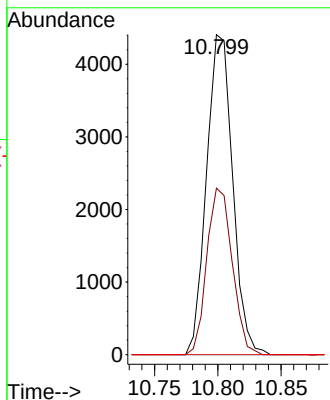
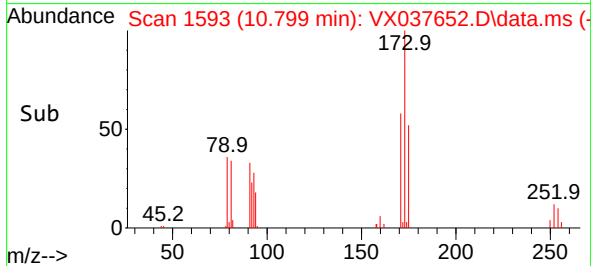
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



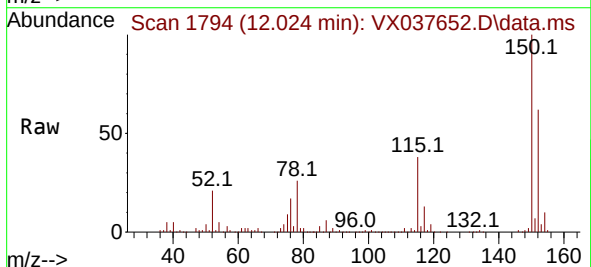
Tgt Ion:173 Resp: 6338
Ion Ratio Lower Upper
173 100
175 50.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

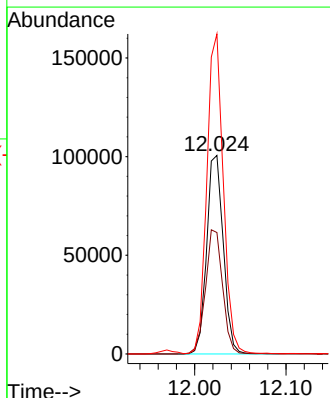
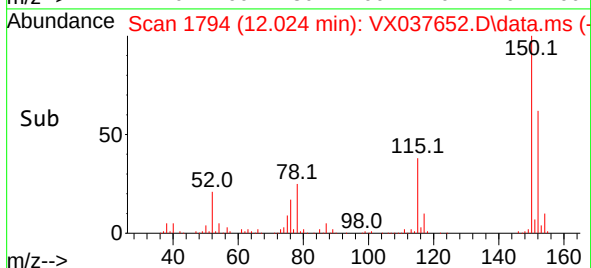
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

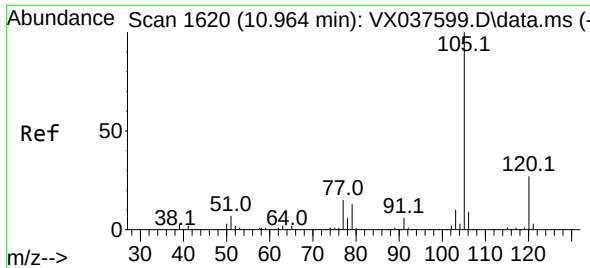


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14



Tgt Ion:152 Resp: 127001
Ion Ratio Lower Upper
152 100
115 64.5 43.3 129.9
150 158.6 0.0 345.0





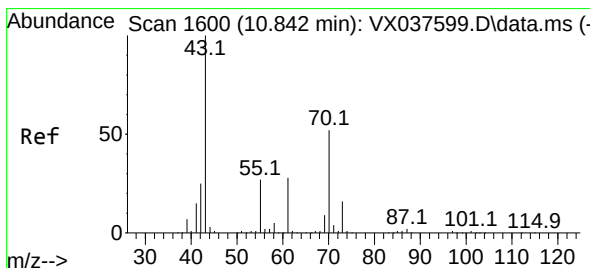
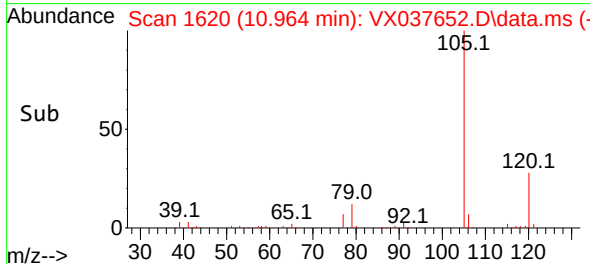
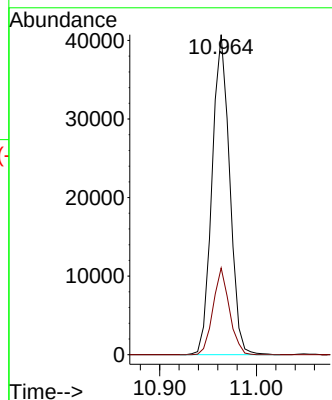
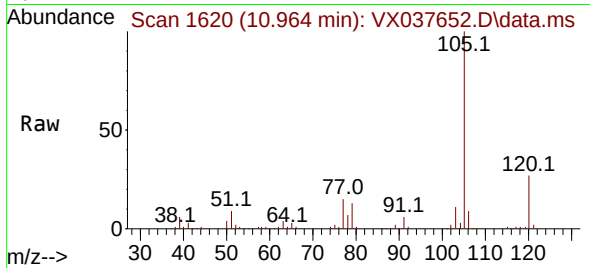
#73
Isopropylbenzene
Concen: 5.386 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 5147
Ion Ratio Lower Upper
105 100
120 25.1 12.9 38.6

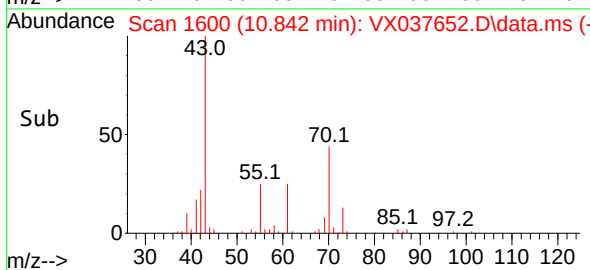
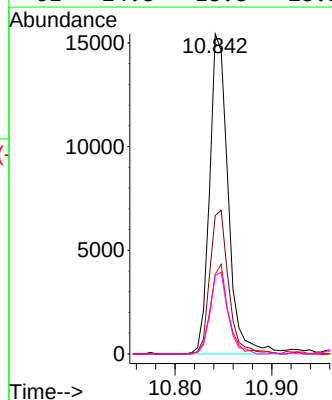
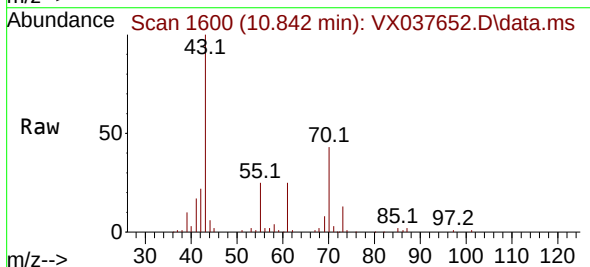
Manual Integrations
APPROVED

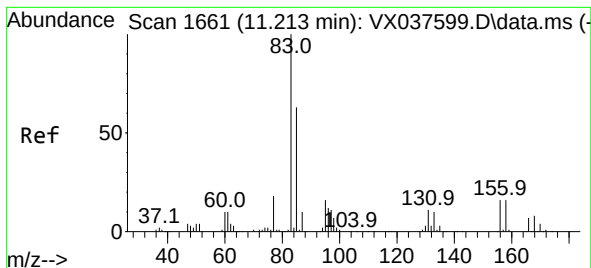
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#74
N-ethyl acetate
Concen: 4.880 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Tgt Ion: 43 Resp: 20588
Ion Ratio Lower Upper
43 100
70 45.1 32.9 49.3
55 27.0 19.3 28.9
61 24.8 18.8 28.2





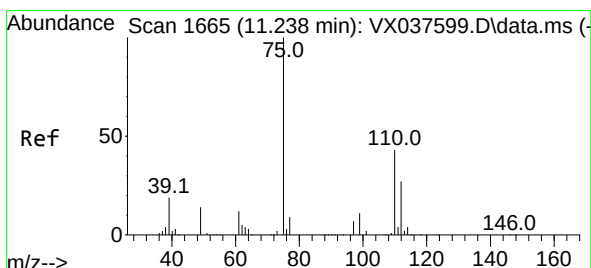
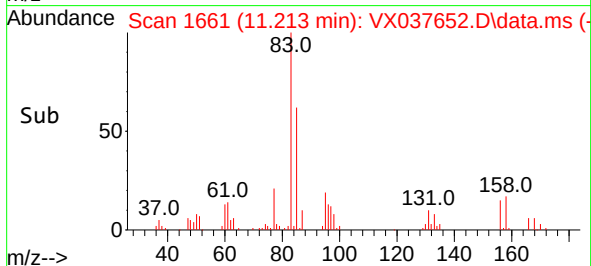
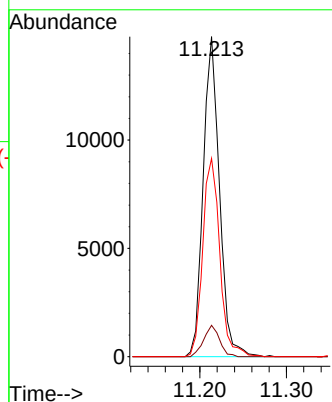
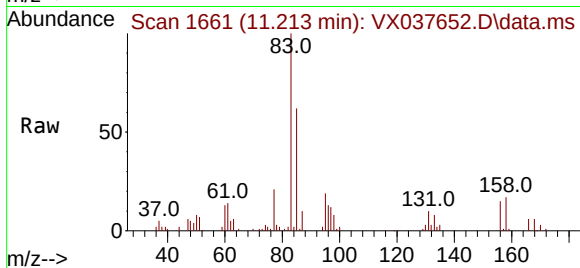
#75
1,1,2,2-Tetrachloroethane
Concen: 5.320 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 19278
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 65.0 32.0 96.2

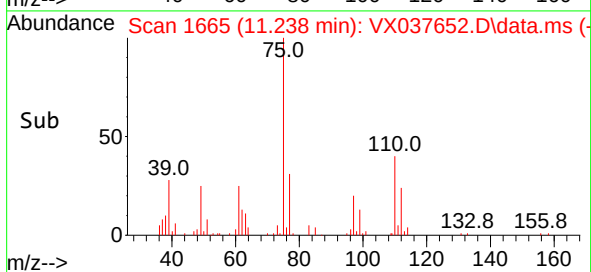
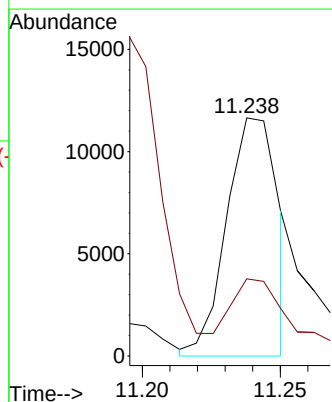
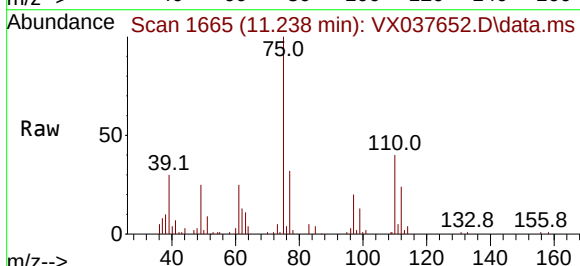
Manual Integrations
APPROVED

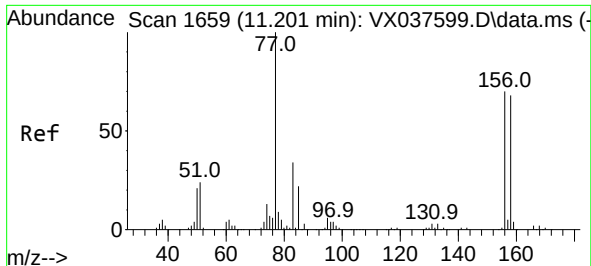
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#76
1,2,3-Trichloropropane
Concen: 5.249 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

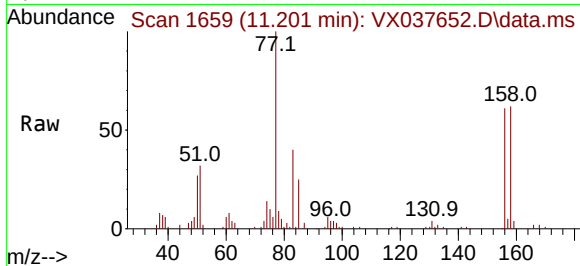
Tgt Ion: 75 Resp: 15069
Ion Ratio Lower Upper
75 100
77 38.4 19.1 57.5





#77
Bromobenzene
Concen: 5.030 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

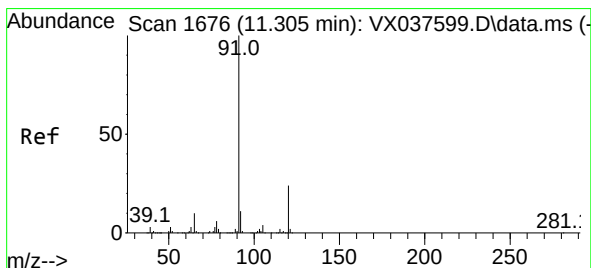
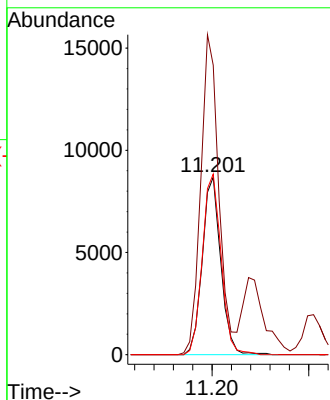
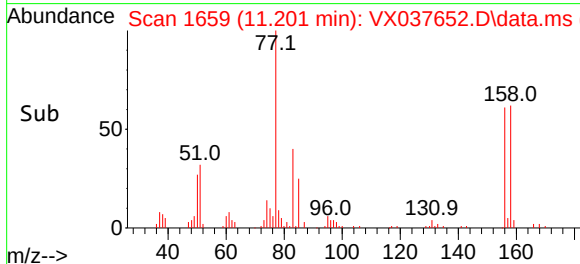
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



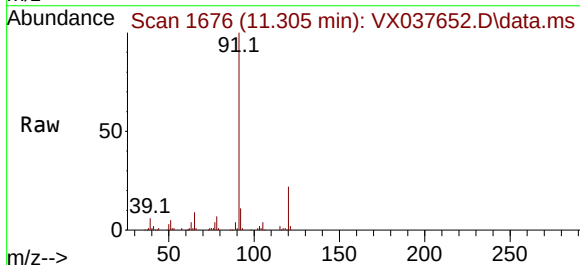
Tgt Ion:156 Resp: 1153
Ion Ratio Lower Upper
156 100
77 177.6 88.4 265.3
158 103.7 48.0 144.0

Manual Integrations
APPROVED

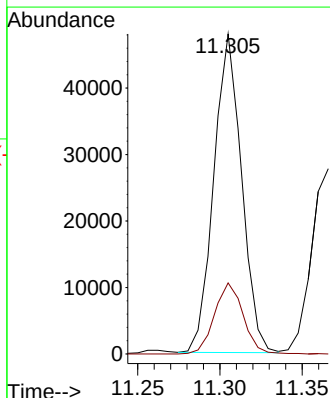
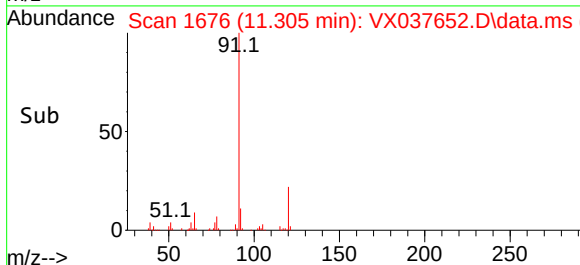
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

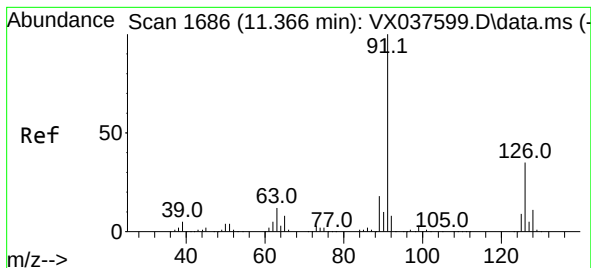


#78
n-propylbenzene
Concen: 5.101 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14



Tgt Ion: 91 Resp: 56268
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





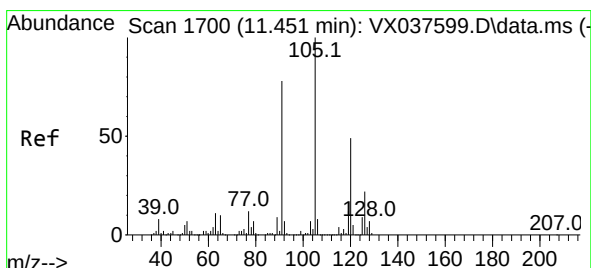
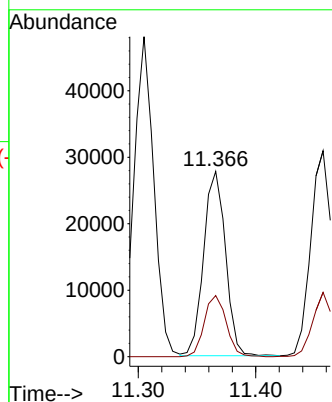
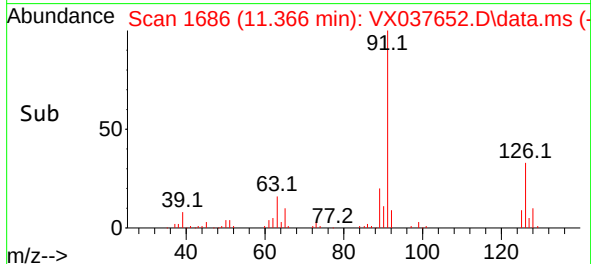
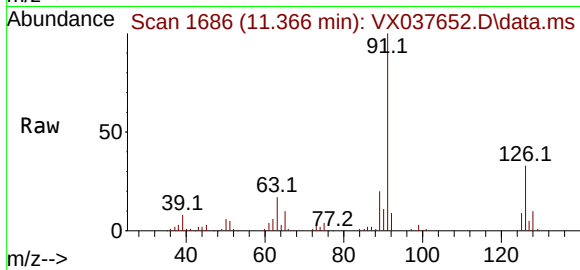
#79
2-Chlorotoluene
Concen: 5.277 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3580
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8

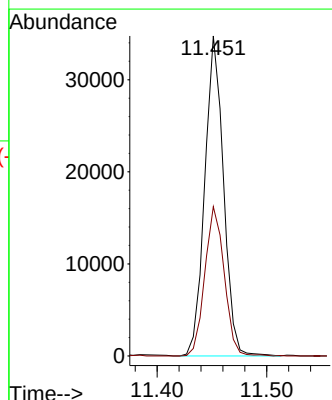
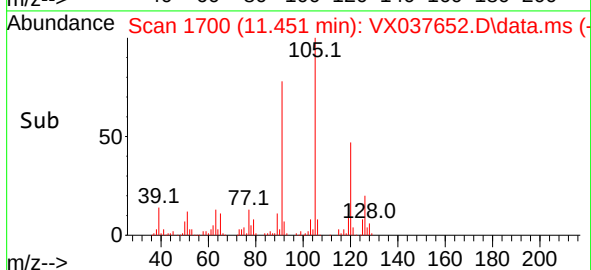
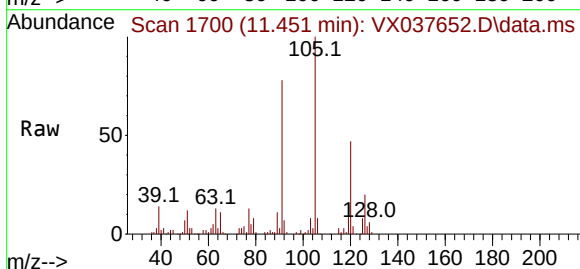
Manual Integrations
APPROVED

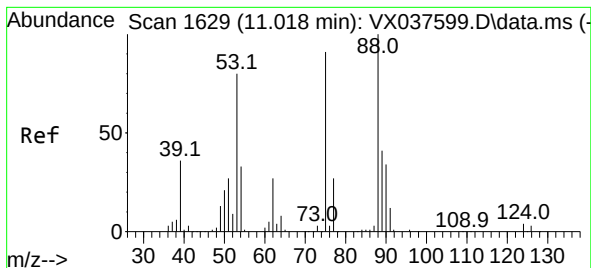
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.117 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

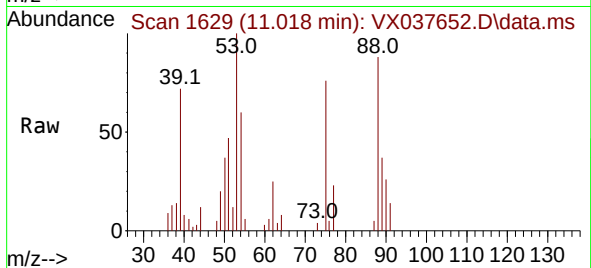
Tgt Ion:105 Resp: 41310
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 3.772 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

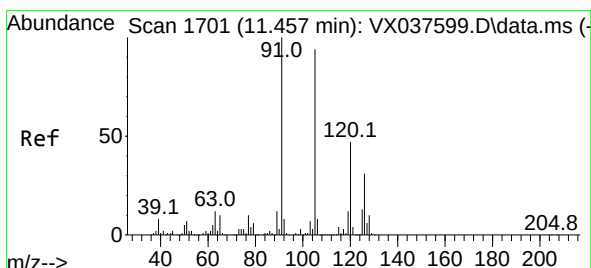
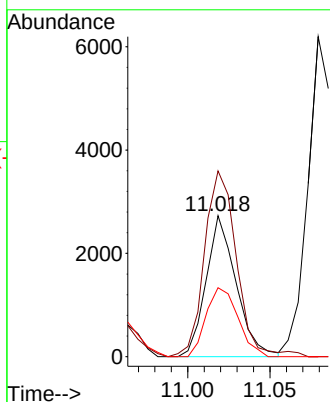
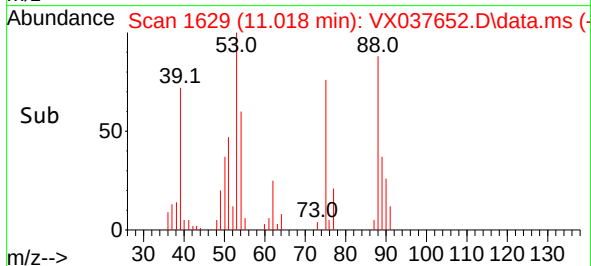
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 346
Ion Ratio Lower Upper
75 100
53 140.3 90.5 135.7
89 52.1 36.9 55.3

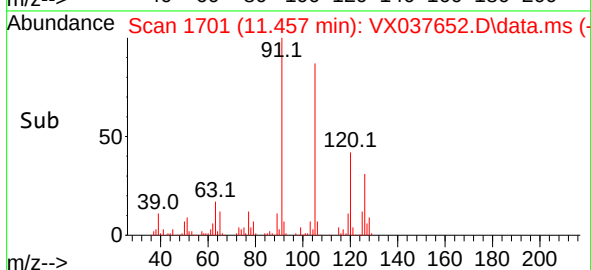
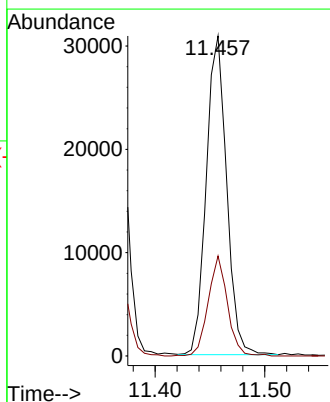
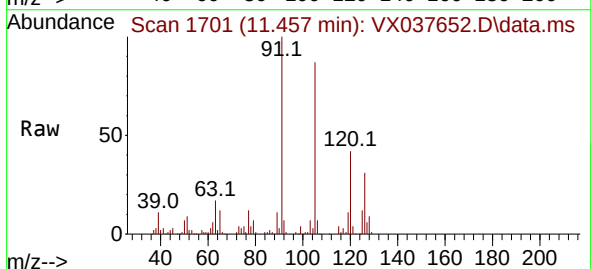
Manual Integrations
APPROVED

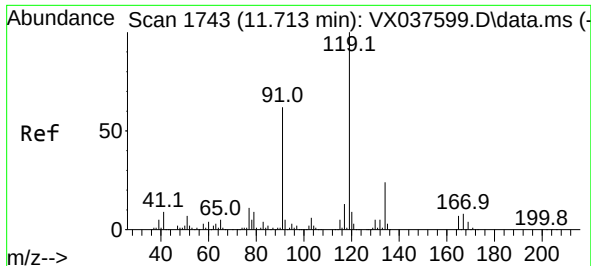
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#82
4-Chlorotoluene
Concen: 5.160 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

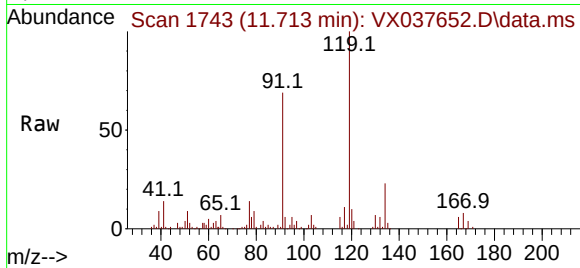
Tgt Ion: 91 Resp: 39840
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 5.064 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

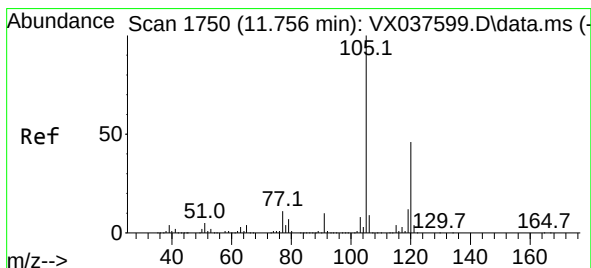
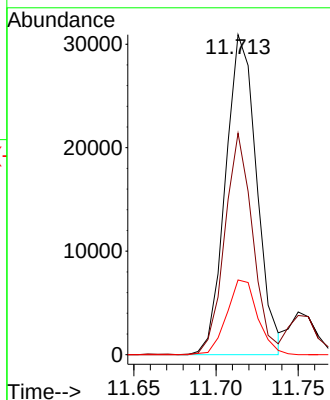
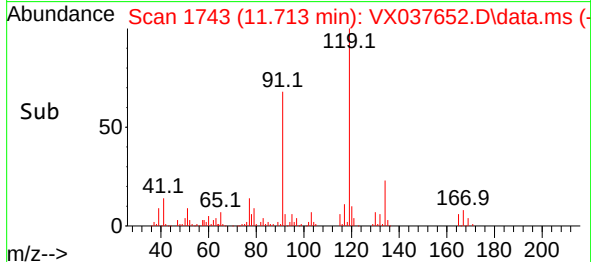
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



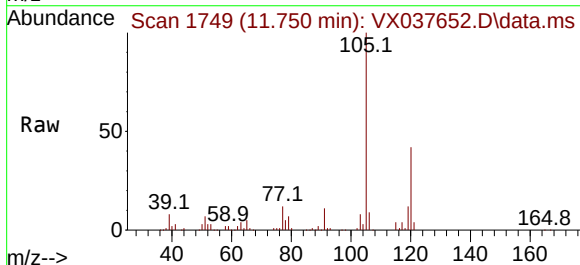
Tgt Ion:119 Resp: 40764
Ion Ratio Lower Upper
119 100
91 62.3 31.2 93.6
134 23.2 11.7 35.0

Manual Integrations
APPROVED

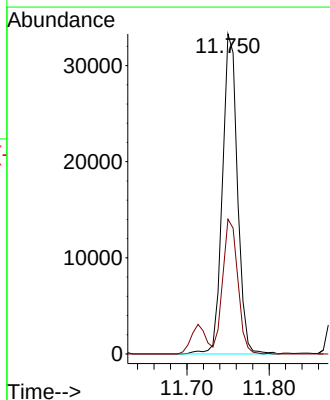
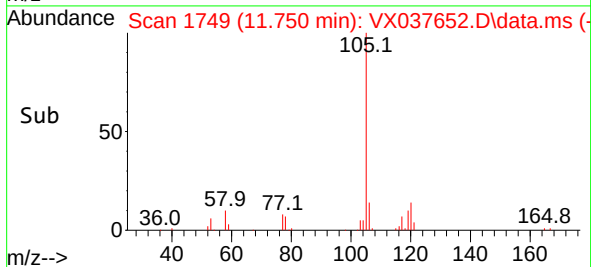
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

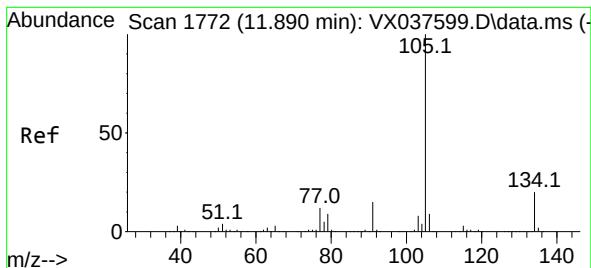


#84
1,2,4-Trimethylbenzene
Concen: 5.224 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14



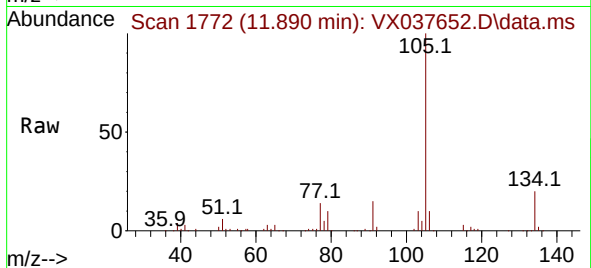
Tgt Ion:105 Resp: 42364
Ion Ratio Lower Upper
105 100
120 42.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 5.110 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037652.D
 Acq: 11 Sep 2023 20:14

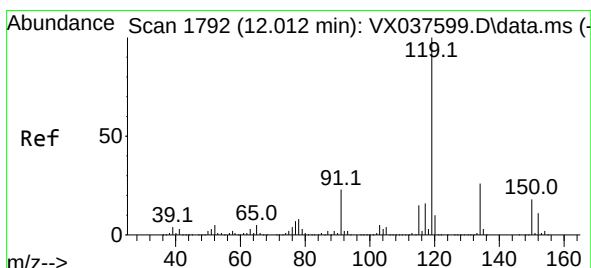
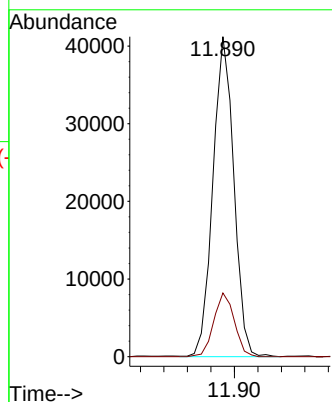
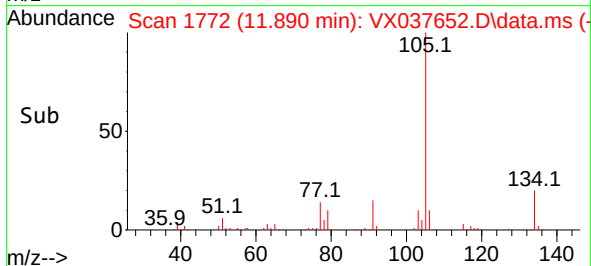
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



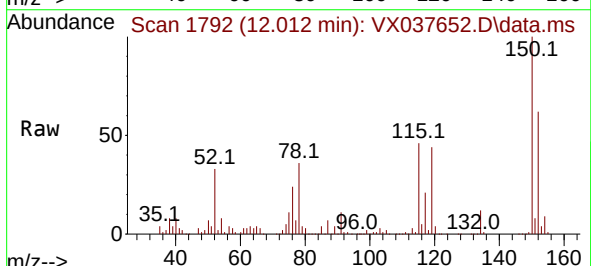
Tgt Ion:105 Resp: 50984
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

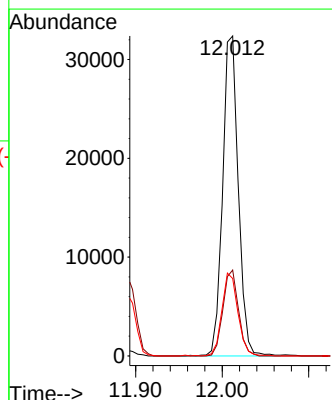
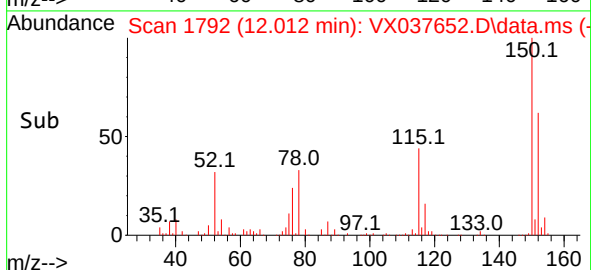
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

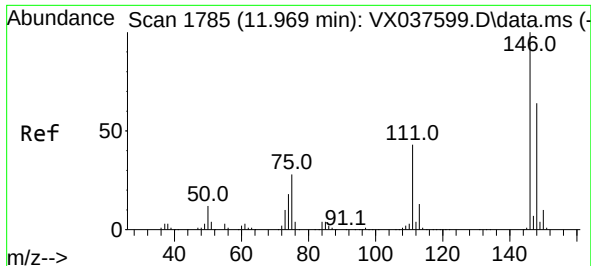


#86
 p-Isopropyltoluene
 Concen: 4.953 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037652.D
 Acq: 11 Sep 2023 20:14



Tgt Ion:119 Resp: 40700
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 26.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.239 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 22834

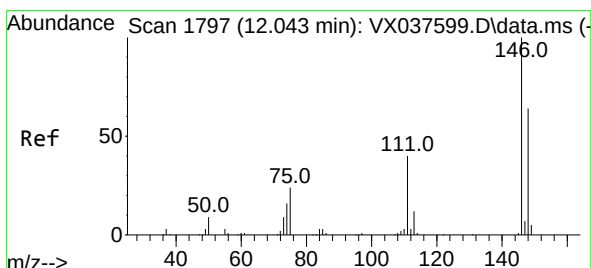
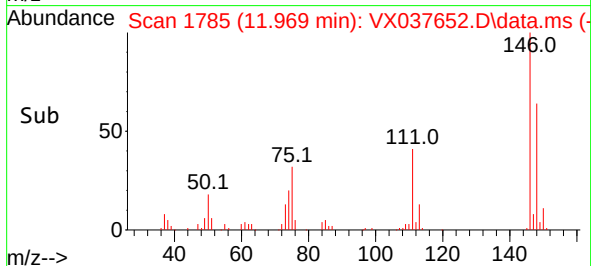
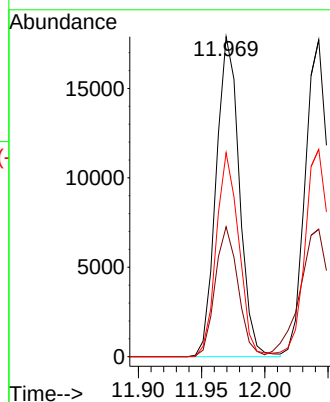
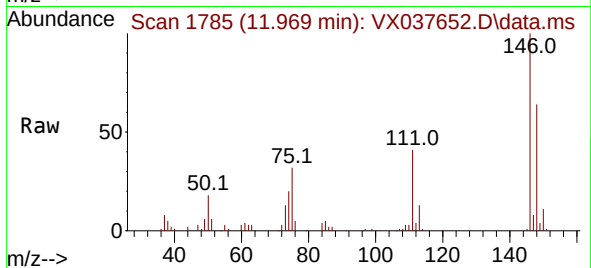
Ion	Ratio	Lower	Upper
146	100		
111	40.1	22.1	66.1
148	62.0	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#88

1,4-Dichlorobenzene

Concen: 5.177 ug/l

RT: 12.043 min Scan# 1797

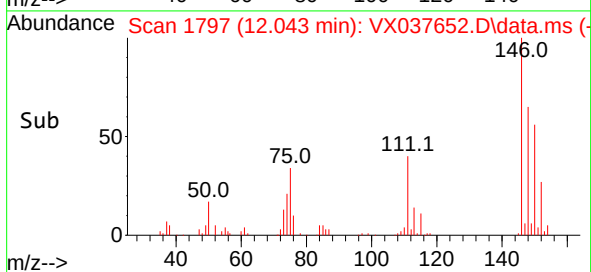
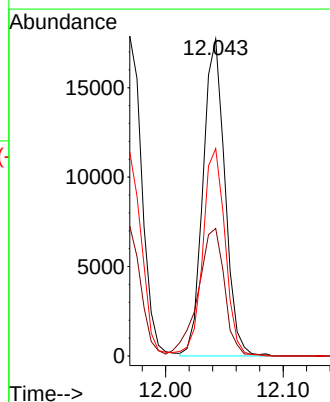
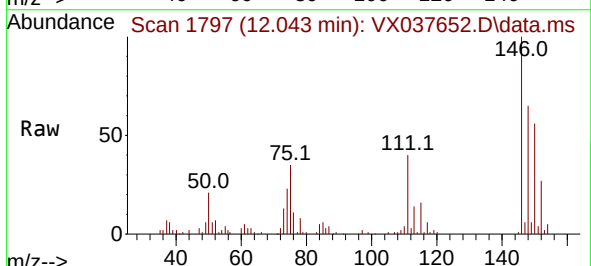
Delta R.T. -0.000 min

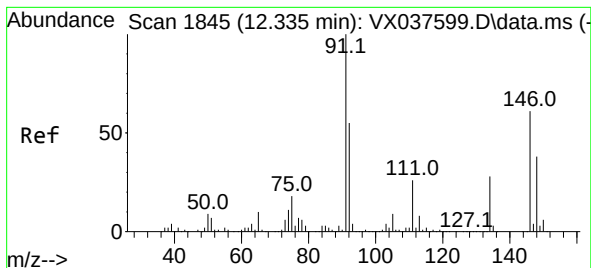
Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Tgt Ion:146 Resp: 22971

Ion	Ratio	Lower	Upper
146	100		
111	48.8	21.3	63.7
148	66.6	31.8	95.4





#89

n-Butylbenzene

Concen: 4.919 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 3618

Ion Ratio Lower Upper

91 100

92 49.7 27.4 82.0

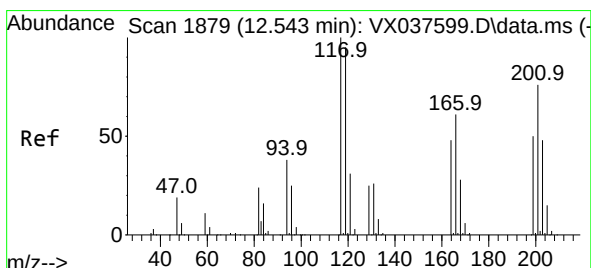
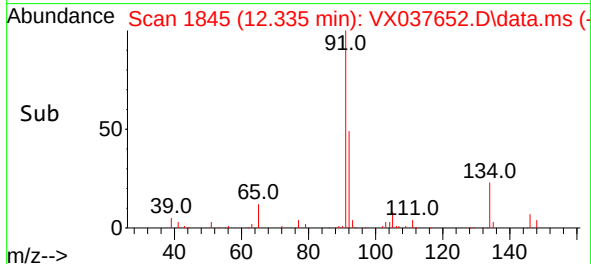
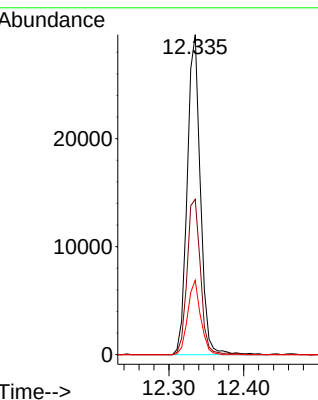
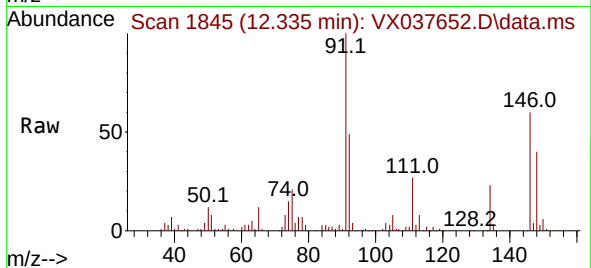
134 22.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#90

Hexachloroethane

Concen: 4.573 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037652.D

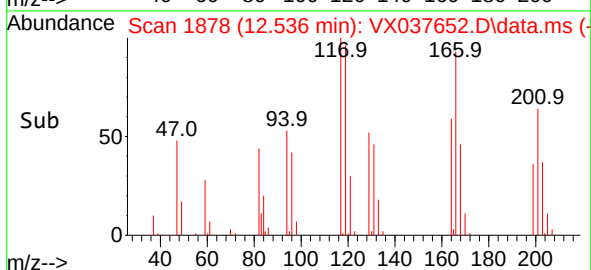
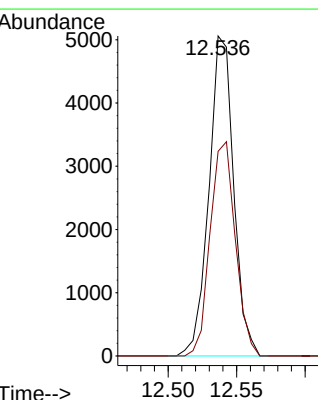
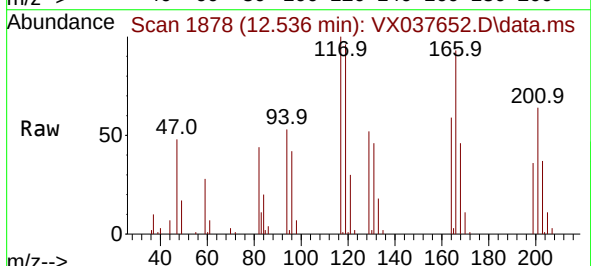
Acq: 11 Sep 2023 20:14

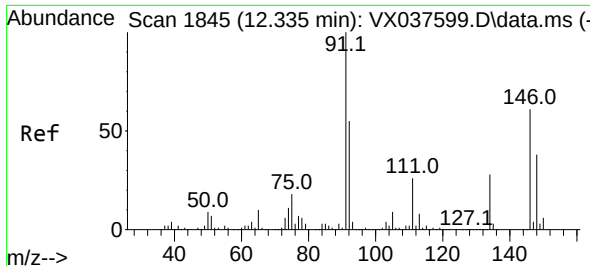
Tgt Ion:117 Resp: 6353

Ion Ratio Lower Upper

117 100

201 68.2 32.9 98.6





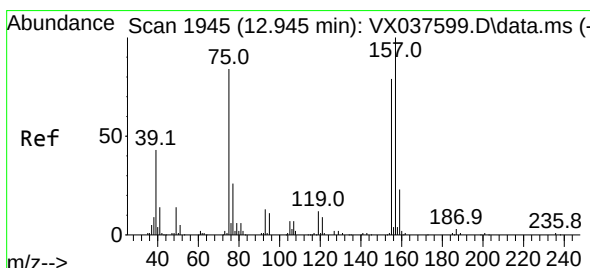
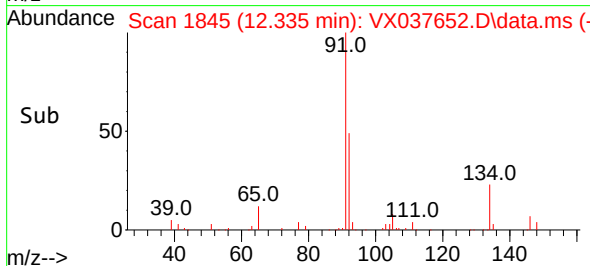
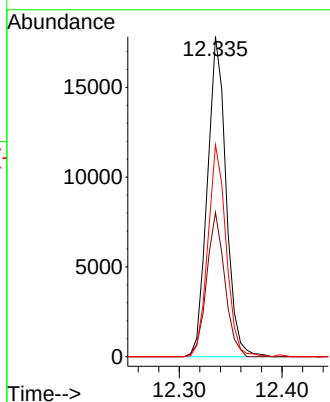
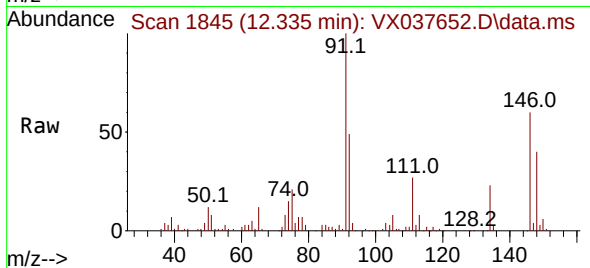
#91
1,2-Dichlorobenzene
Concen: 5.085 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 2253
Ion Ratio Lower Upper
146 100
111 43.8 22.4 67.0
148 64.4 31.6 95.0

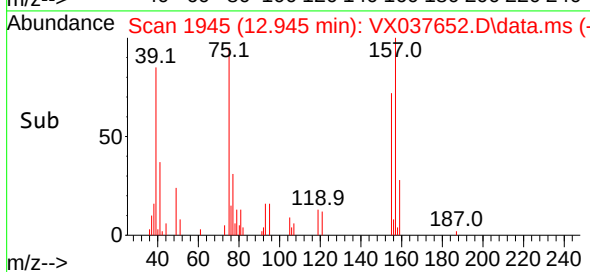
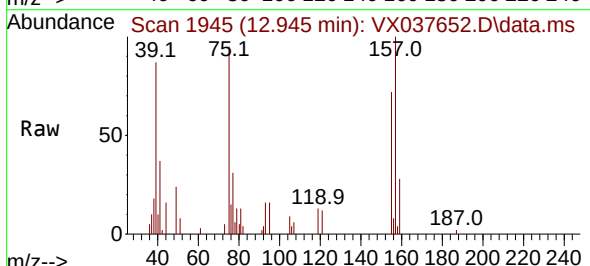
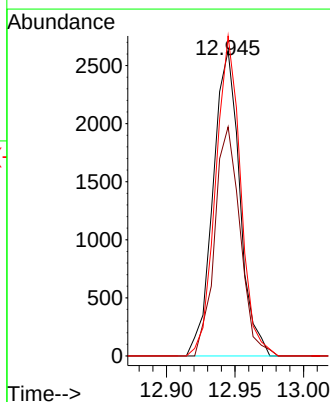
Manual Integrations
APPROVED

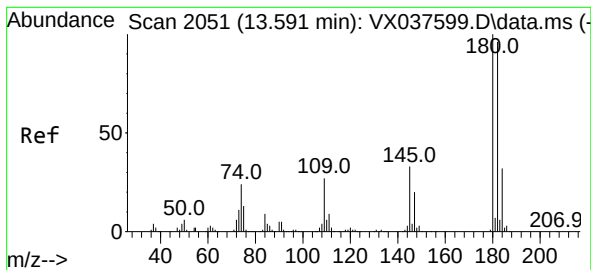
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.668 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

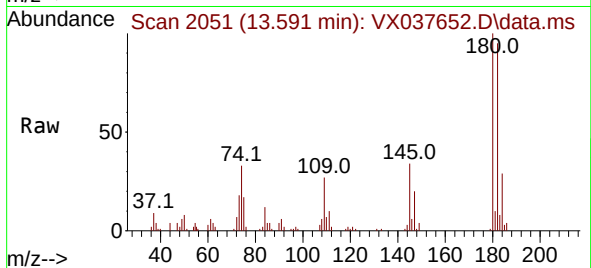
Tgt Ion: 75 Resp: 3553
Ion Ratio Lower Upper
75 100
155 71.7 36.1 108.5
157 97.9 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 4.816 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14

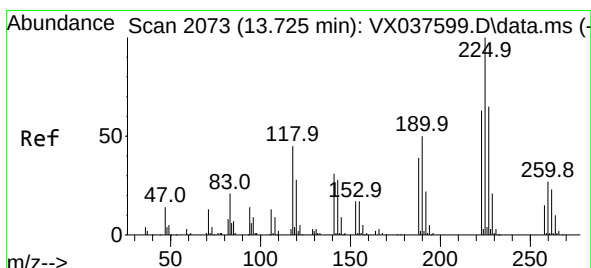
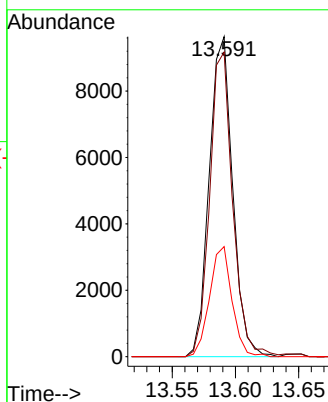
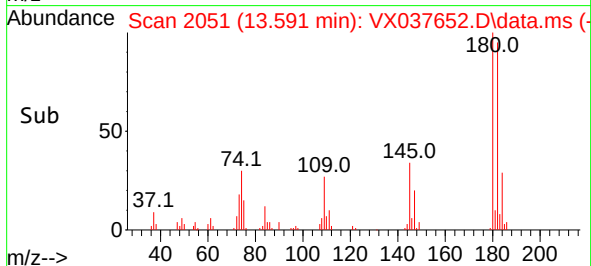
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



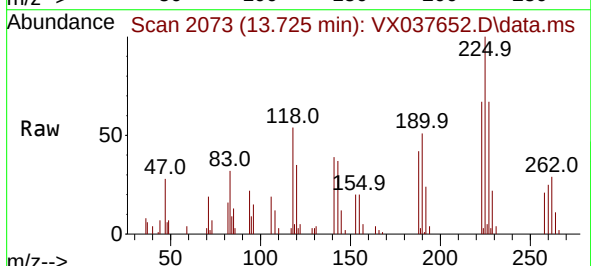
Tgt Ion:180 Resp: 1239
Ion Ratio Lower Upper
180 100
182 94.1 48.3 144.8
145 33.0 18.0 54.0

Manual Integrations
APPROVED

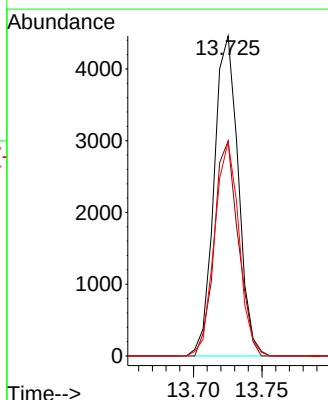
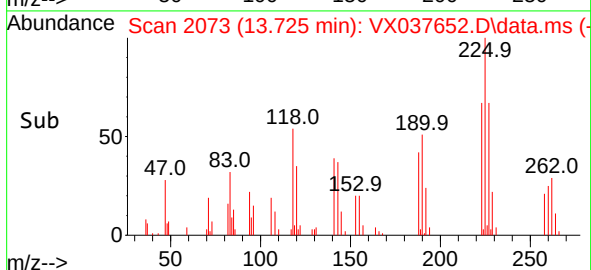
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

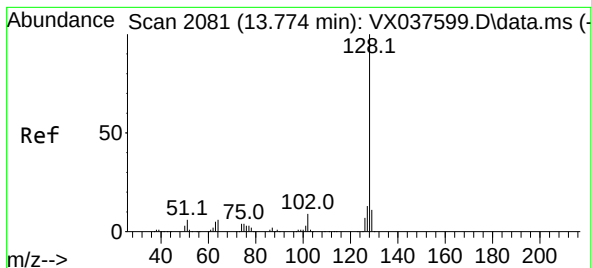


#94
Hexachlorobutadiene
Concen: 4.899 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037652.D
Acq: 11 Sep 2023 20:14



Tgt Ion:225 Resp: 5465
Ion Ratio Lower Upper
225 100
223 66.6 31.1 93.2
227 67.6 32.5 97.5





#95

Naphthalene

Concen: 4.744 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

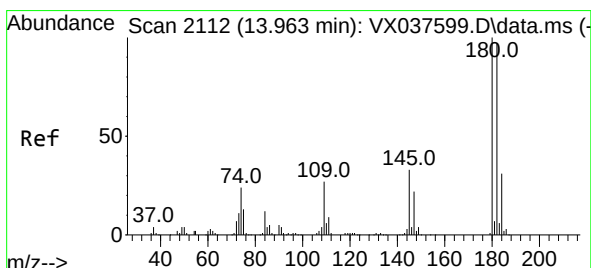
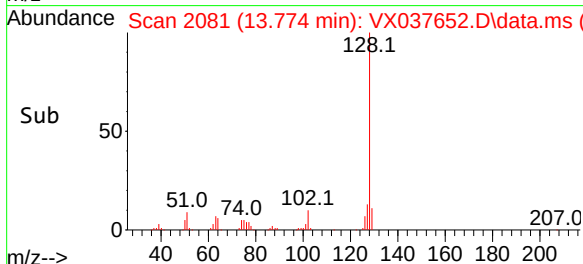
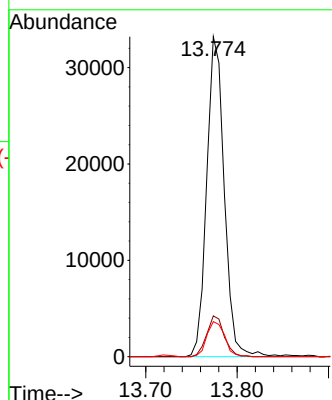
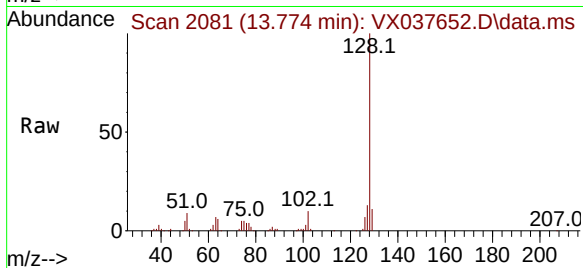
Tgt Ion:	128	Resp:	4420
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	11.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#96

1,2,3-Trichlorobenzene

Concen: 4.991 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037652.D

Acq: 11 Sep 2023 20:14

Tgt Ion:	180	Resp:	13247
Ion Ratio	Lower	Upper	
180	100		
182	91.0	46.9	140.6
145	33.2	17.8	53.5

