

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040740.D
 Acq On : 21 Mar 2024 11:51
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 22 02:04:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 01:58:09 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Mahesh Dadoda 03/25/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	46605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	73726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	70358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	35805	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80705	102.987	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 205.980%#			
35) Dibromofluoromethane	5.385	113	56590	102.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.160%#			
50) Toluene-d8	8.647	98	184907	97.890	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 195.780%#			
62) 4-Bromofluorobenzene	11.079	95	82865	111.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 222.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	67454	111.844	ug/l	100
3) Chloromethane	1.294	50	62155	100.759	ug/l	100
4) Vinyl Chloride	1.374	62	63709	109.071	ug/l	100
5) Bromomethane	1.599	94	38134	96.848	ug/l	99
6) Chloroethane	1.679	64	45891	111.775	ug/l	99
7) Trichlorofluoromethane	1.886	101	113959	111.504	ug/l	97
8) Diethyl Ether	2.136	74	37137	113.045	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	65909	112.145	ug/l	99
10) Methyl Iodide	2.453	142	87748	112.767	ug/l	100
11) Tert butyl alcohol	2.965	59	74552	594.097	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	61478	111.680	ug/l	97
13) Acrolein	2.233	56	44330	596.939	ug/l	97
14) Allyl chloride	2.666	41	111402	112.917	ug/l	89
15) Acrylonitrile	3.062	53	177034	571.475	ug/l	97
16) Acetone	2.373	43	150468	542.092	ug/l	99
17) Carbon Disulfide	2.514	76	170586	107.882	ug/l	98
18) Methyl Acetate	2.703	43	81985	110.208	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	218266	114.878	ug/l	99
20) Methylene Chloride	2.788	84	66898	110.258	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	63916	109.985	ug/l	95
22) Diisopropyl ether	3.757	45	223416	116.052	ug/l	97
23) Vinyl Acetate	3.721	43	1064400	584.921	ug/l	99
24) 1,1-Dichloroethane	3.611	63	123646	111.821	ug/l	99
25) 2-Butanone	4.550	43	248133	570.742	ug/l	98
26) 2,2-Dichloropropane	4.471	77	114697	118.886	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	75658	112.390	ug/l	98
28) Bromochloromethane	4.897	49	52252	103.320	ug/l	97
29) Tetrahydrofuran	4.995	42	167624	579.653	ug/l	98
30) Chloroform	5.093	83	136119	114.983	ug/l	100
31) Cyclohexane	5.471	56	104872	112.634	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	122156	120.052	ug/l	99
36) 1,1-Dichloropropene	5.690	75	92284	113.615	ug/l	98
37) Ethyl Acetate	4.708	43	106333	115.285	ug/l	99
38) Carbon Tetrachloride	5.672	117	107509	117.593	ug/l	98
39) Methylcyclohexane	7.379	83	102528	113.936	ug/l	97
40) Benzene	6.037	78	258623	115.307	ug/l	99

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 ClientSampleId :
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Manual Integrations
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Quant Time: Mar 22 02:04:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 01:58:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58645	124.018	ug/l	97
42) 1,2-Dichloroethane	6.080	62	109817	120.996	ug/l	98
43) Isopropyl Acetate	6.336	43	179992	124.272	ug/l	98
44) Trichloroethene	7.123	130	61923	115.184	ug/l	96
45) 1,2-Dichloropropane	7.427	63	60030	114.076	ug/l	96
46) Dibromomethane	7.574	93	48351	116.012	ug/l	98
47) Bromodichloromethane	7.818	83	100033	117.464	ug/l	97
48) Methyl methacrylate	7.690	41	81554	123.195	ug/l	93
49) 1,4-Dioxane	7.659	88	26871	2405.140	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	528565	588.460	ug/l	97
52) Toluene	8.714	92	147845	110.525	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	101920	115.692	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	109389	120.062	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	61248	112.435	ug/l	94
56) Ethyl methacrylate	9.116	69	109623	120.395	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	108951	117.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	307399	643.272	ug/l	97
59) 2-Hexanone	9.427	43	424694	610.362	ug/l	97
60) Dibromochloromethane	9.519	129	77647	121.300	ug/l	99
61) 1,2-Dibromoethane	9.610	107	68825	119.646	ug/l	100
64) Tetrachloroethene	9.275	164	56943	108.655	ug/l	98
65) Chlorobenzene	10.079	112	180915	113.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	65321	120.290	ug/l	99
67) Ethyl Benzene	10.189	91	334403	117.011	ug/l	98
68) m/p-Xylenes	10.299	106	254219	242.963	ug/l	93
69) o-Xylene	10.640	106	122787	122.155	ug/l	93
70) Styrene	10.653	104	216471	128.645	ug/l	97
71) Bromoform	10.799	173	58574	132.065	ug/l #	99
73) Isopropylbenzene	10.963	105	333148	122.627	ug/l	100
74) N-amyl acetate	10.841	43	180034	134.593	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	111905	121.673	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96415m	124.772	ug/l	
77) Bromobenzene	11.195	156	79320	120.621	ug/l	100
78) n-propylbenzene	11.305	91	414416	123.714	ug/l	98
79) 2-Chlorotoluene	11.360	91	228859	118.404	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	269786	118.456	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	41176	135.269	ug/l #	93
82) 4-Chlorotoluene	11.451	91	275244	113.535	ug/l	99
83) tert-Butylbenzene	11.713	119	248478	108.777	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	262291	114.426	ug/l	99
85) sec-Butylbenzene	11.890	105	333569	114.833	ug/l	100
86) p-Isopropyltoluene	12.006	119	286061	118.760	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140809	112.129	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	147187	110.364	ug/l	99
89) n-Butylbenzene	12.329	91	283246	116.611	ug/l	96
90) Hexachloroethane	12.536	117	51371	122.479	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	138833	112.528	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27370	119.186	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	103642	118.198	ug/l	97
94) Hexachlorobutadiene	13.725	225	39902	115.451	ug/l	98
95) Naphthalene	13.774	128	345441	124.523	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	101032	117.276	ug/l	97

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MSVOA_X
ClientSampleId :
VSTDICC100

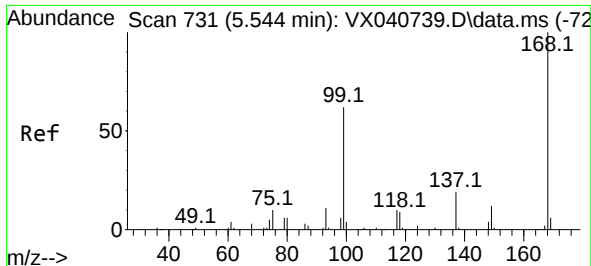
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 01:58:09 2024
Response via : Initial Calibration

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



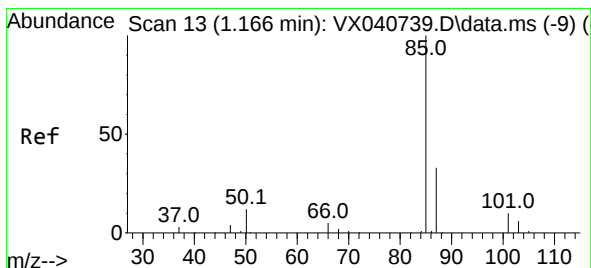
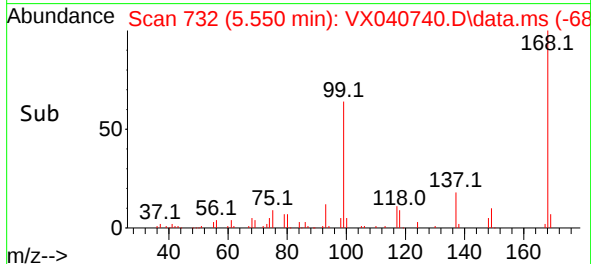
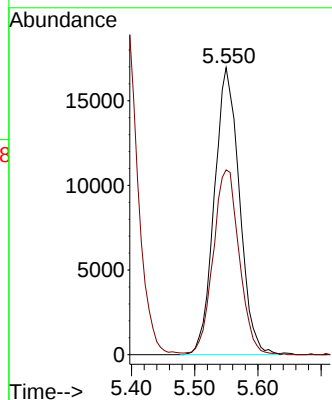
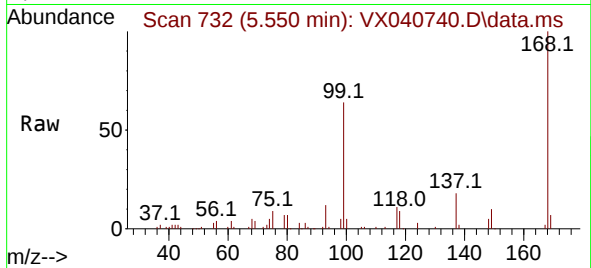
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 4660
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0

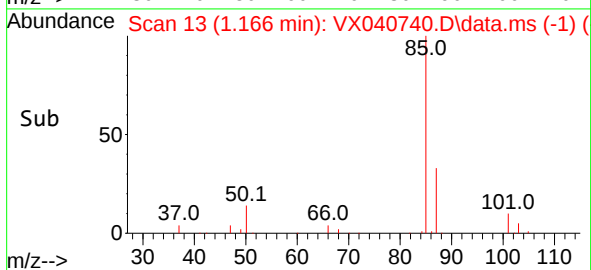
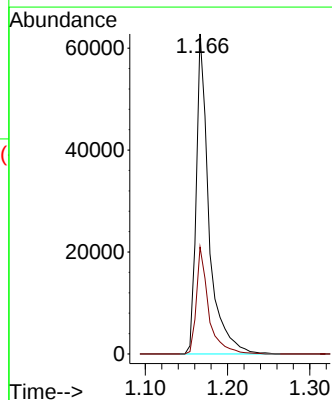
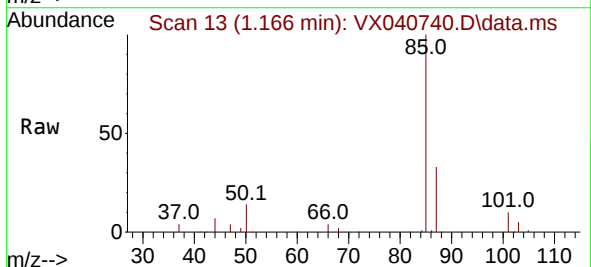
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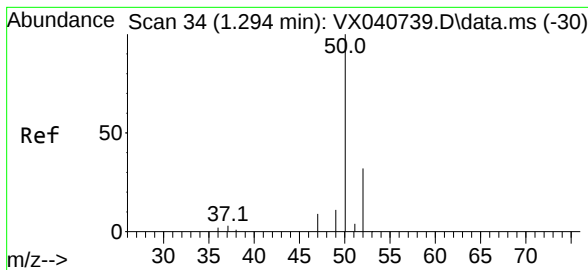
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#2
Dichlorodifluoromethane
Concen: 111.844 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion: 85 Resp: 67454
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





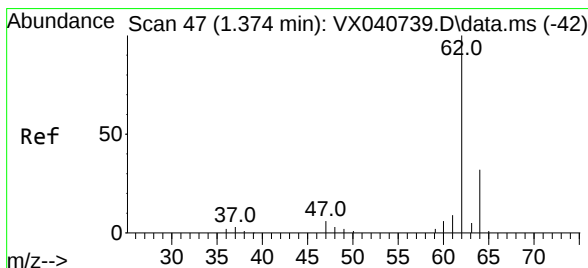
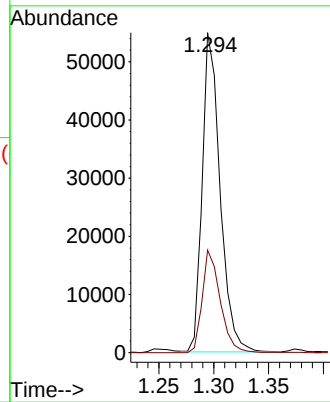
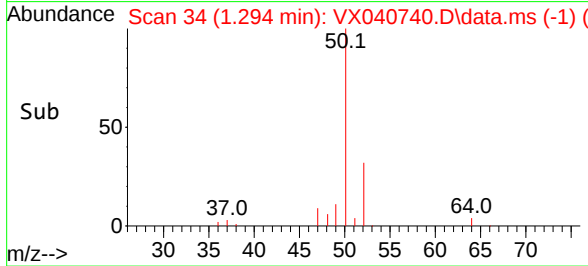
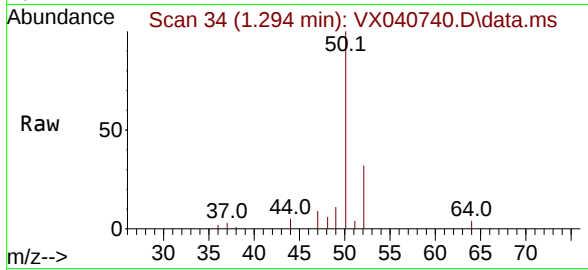
#3
Chloromethane
Concen: 100.759 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 6215
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

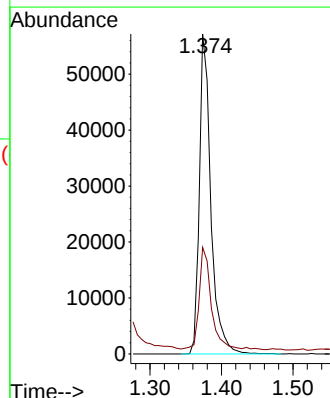
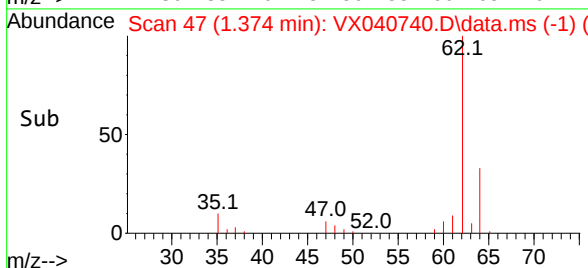
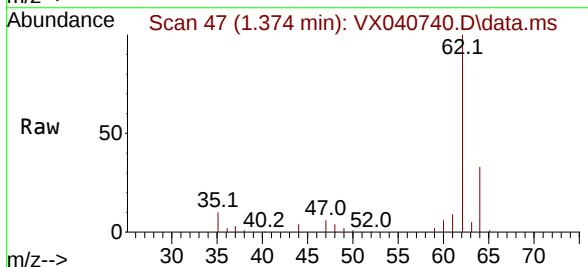
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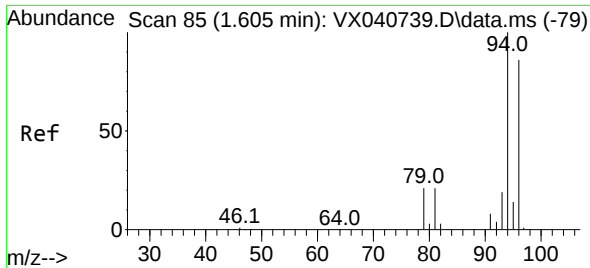
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#4
Vinyl Chloride
Concen: 109.071 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion: 62 Resp: 63709
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





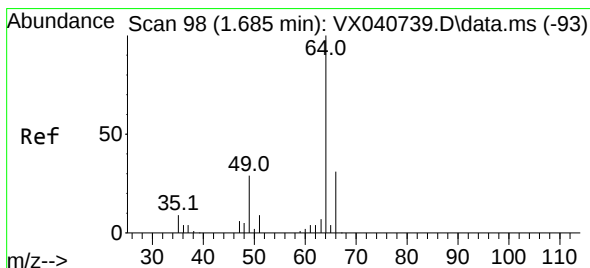
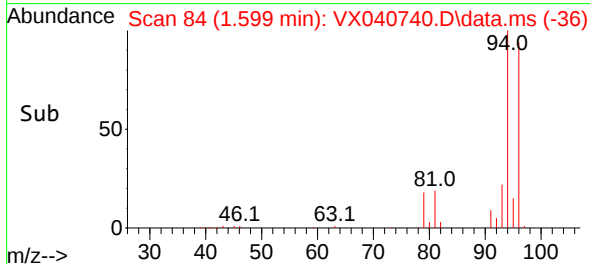
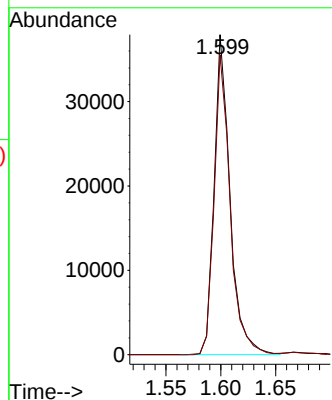
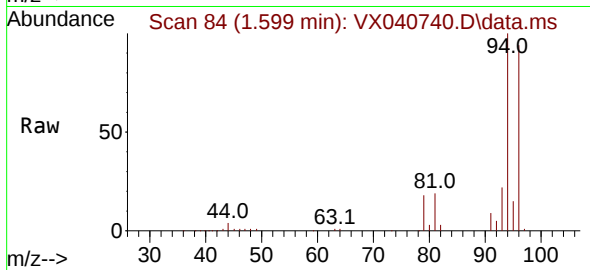
#5
Bromomethane
Concen: 96.848 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 38134
Ion Ratio Lower Upper
94 100
96 93.7 74.6 111.8

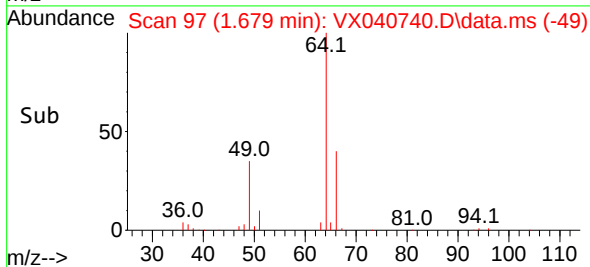
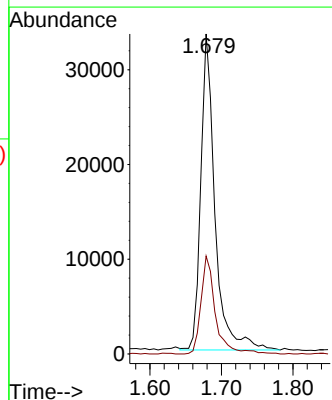
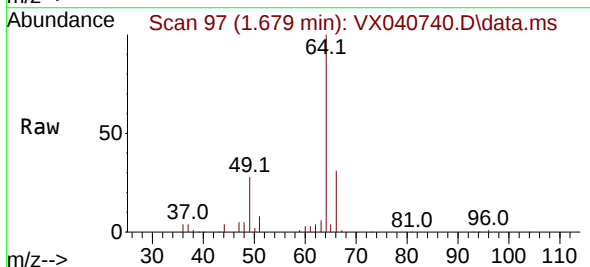
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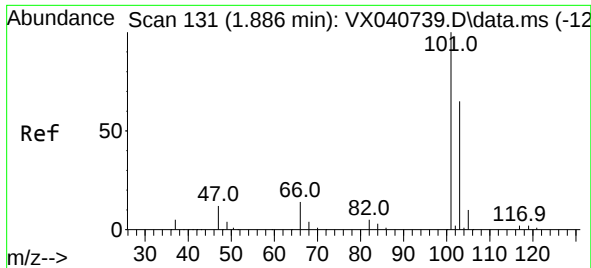
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#6
Chloroethane
Concen: 111.775 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX040740.D
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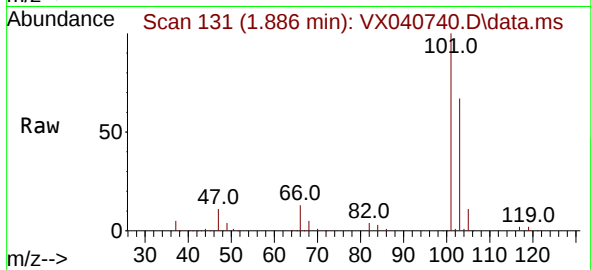
Tgt Ion: 64 Resp: 45891
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 111.504 ug/l
RT: 1.886 min Scan# 113959
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

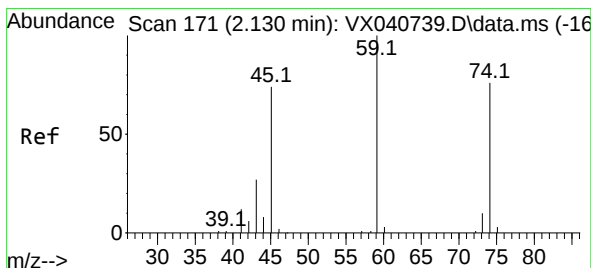
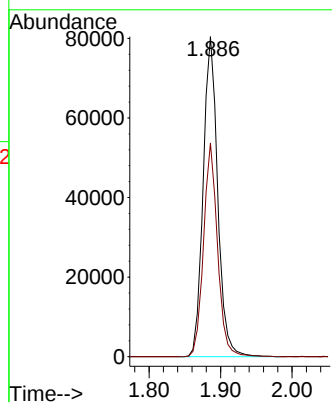
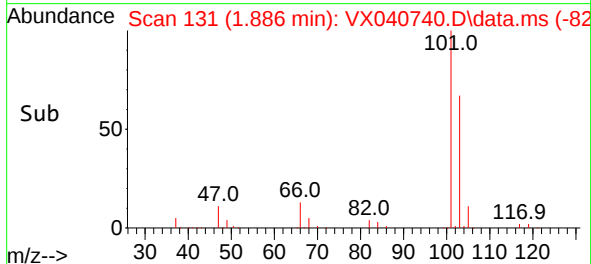
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



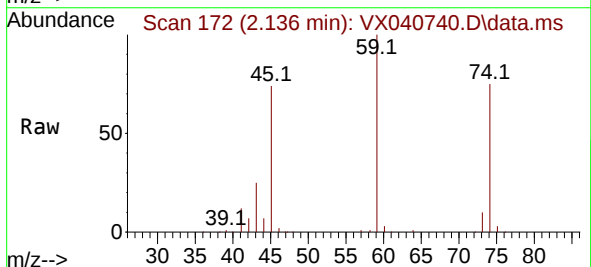
Tgt Ion:101 Resp: 113959
Ion Ratio Lower Upper
101 100
103 66.8 51.4 77.2

Manual Integrations
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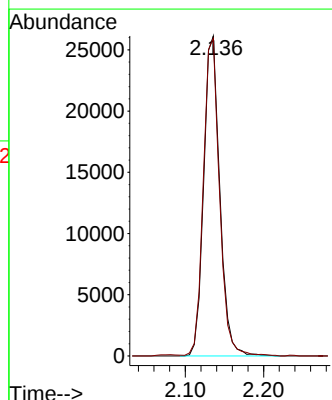
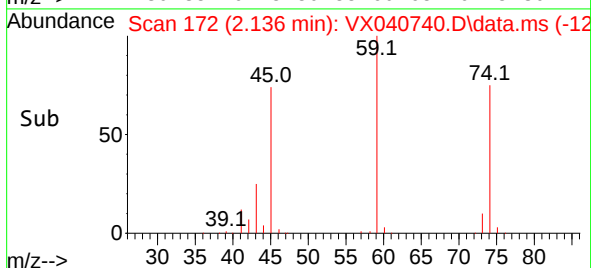
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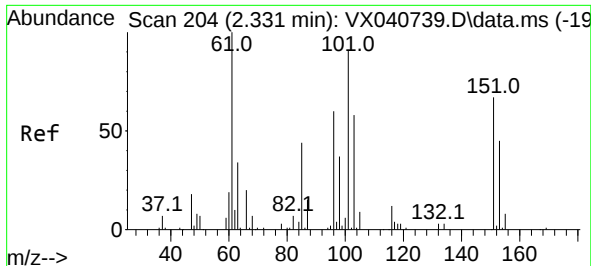


#8
Diethyl Ether
Concen: 113.045 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51



Tgt Ion: 74 Resp: 37137
Ion Ratio Lower Upper
74 100
45 100.0 53.3 159.8





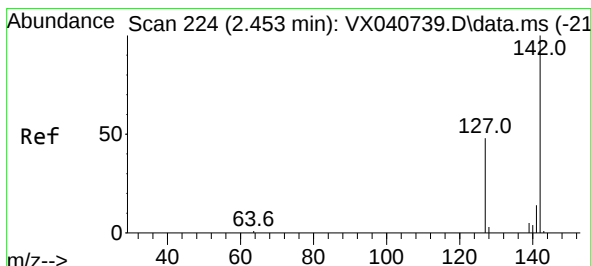
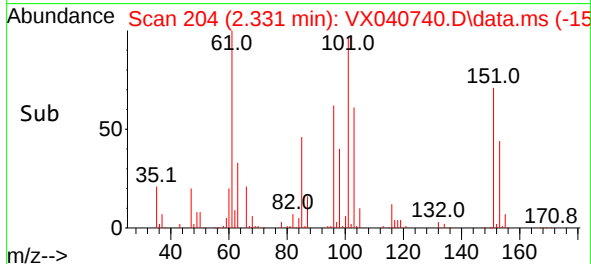
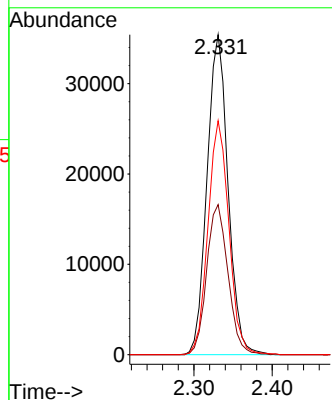
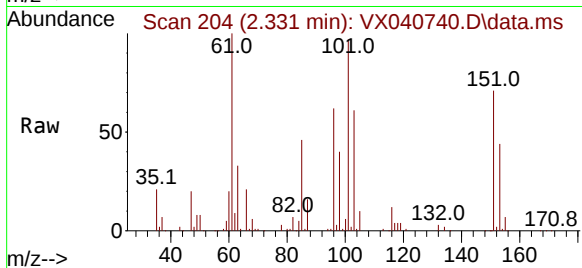
#9
1,1,2-Trichlorotrifluoroethane
Concen: 112.145 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 65909
Ion Ratio Lower Upper
101 100
85 47.8 37.0 55.6
151 72.8 58.6 87.8

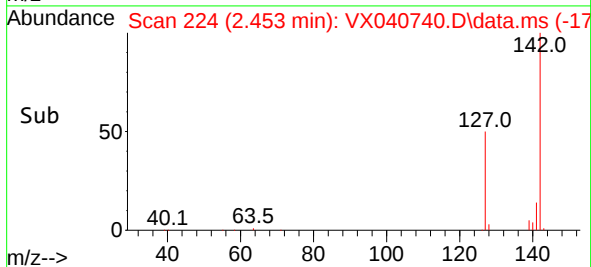
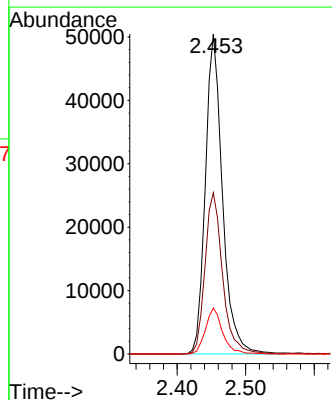
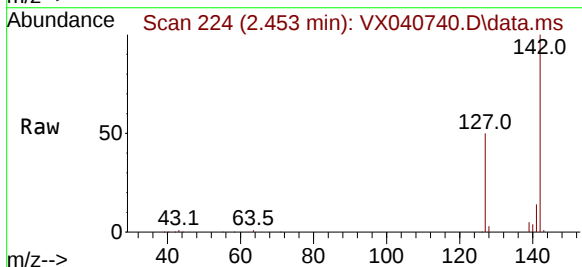
Manual Integrations
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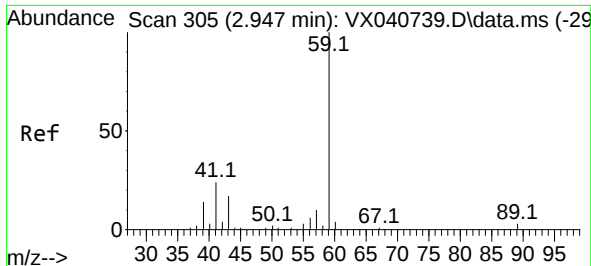
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#10
Methyl Iodide
Concen: 112.767 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion:142 Resp: 87748
Ion Ratio Lower Upper
142 100
127 51.7 41.6 62.4
141 14.3 11.6 17.4





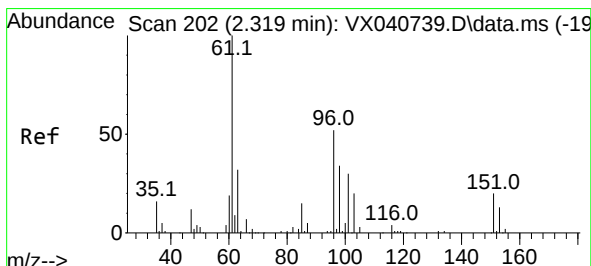
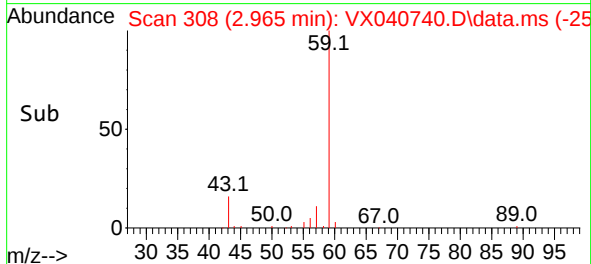
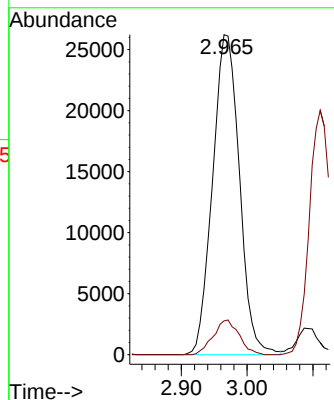
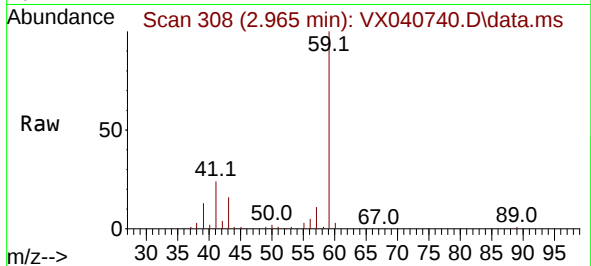
#11
Tert butyl alcohol
Concen: 594.097 ug/l
RT: 2.965 min Scan# 305
Delta R.T. 0.018 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 74552
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

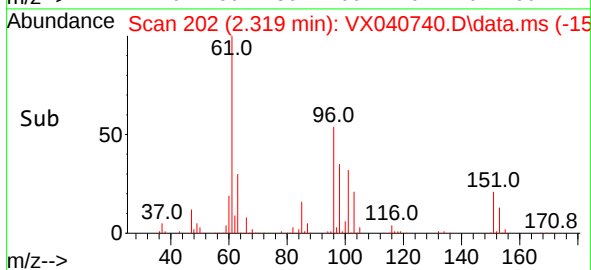
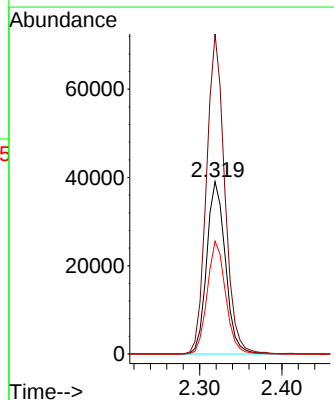
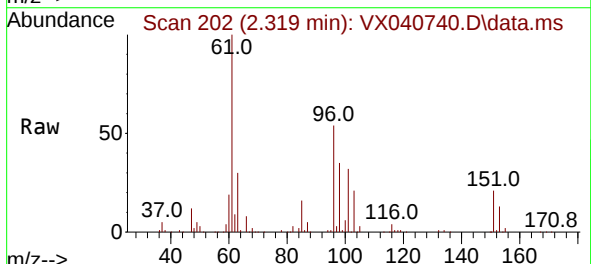
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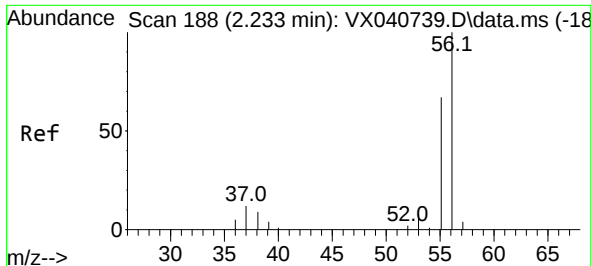
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#12
1,1-Dichloroethene
Concen: 111.680 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion: 96 Resp: 61478
Ion Ratio Lower Upper
96 100
61 185.8 144.6 216.8
98 65.5 50.4 75.6





#13

Acrolein

Concen: 596.939 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 44330

Ion Ratio Lower Upper

56 100

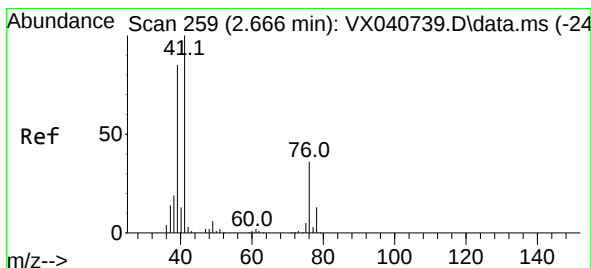
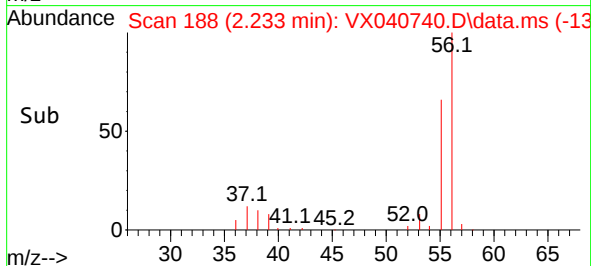
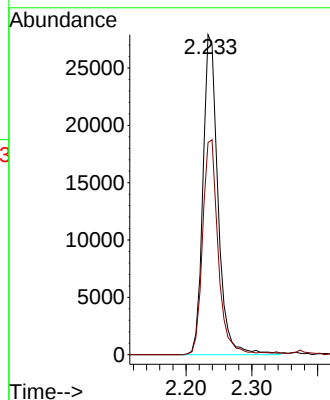
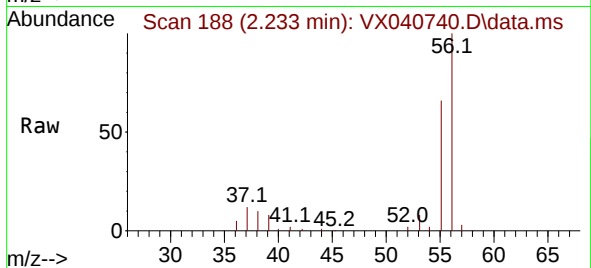
55 69.3 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#14

Allyl chloride

Concen: 112.917 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

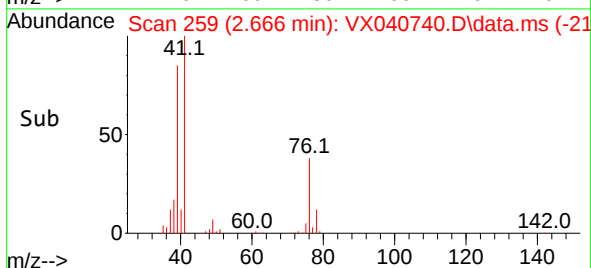
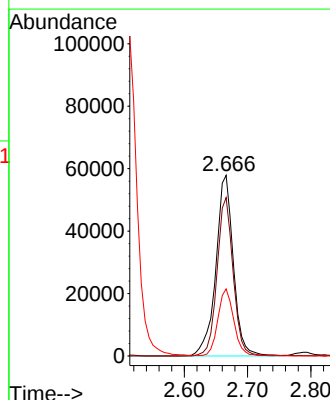
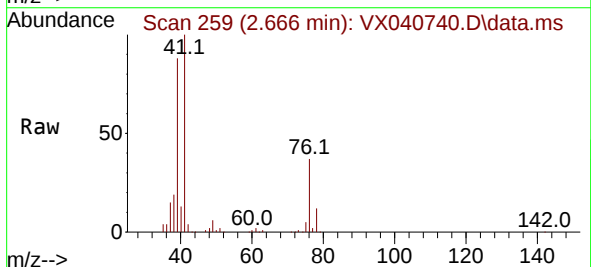
Tgt Ion: 41 Resp: 111402

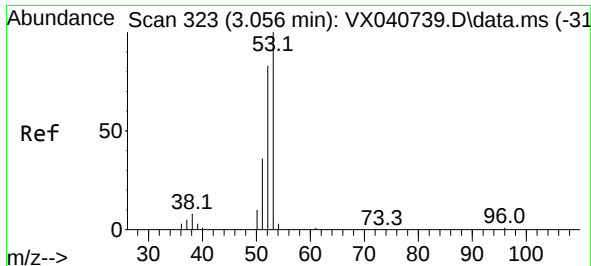
Ion Ratio Lower Upper

41 100

39 80.4 55.8 83.6

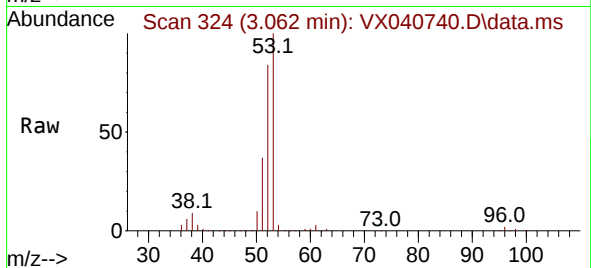
76 33.9 24.3 36.5





#15
Acrylonitrile
Concen: 571.475 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

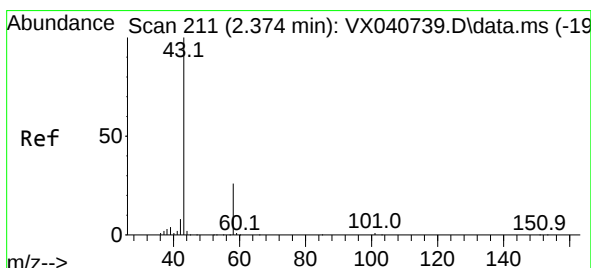
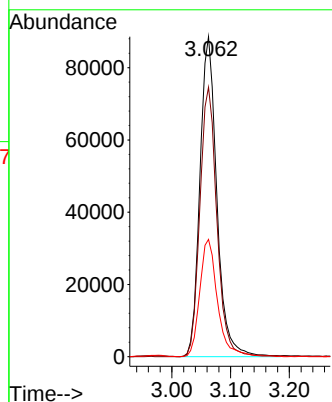
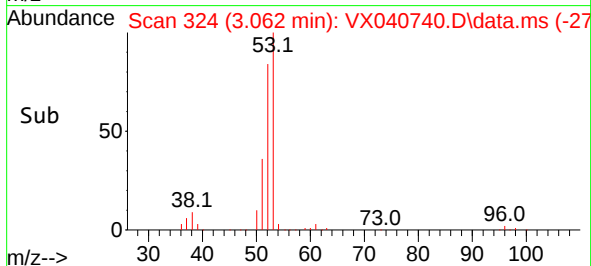
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 177034
Ion Ratio Lower Upper
53 100
52 85.0 66.0 99.0
51 38.6 29.8 44.6

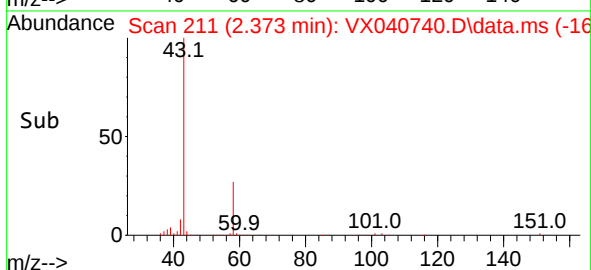
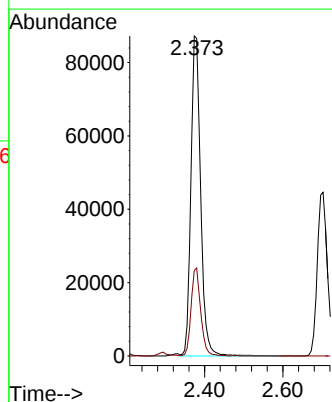
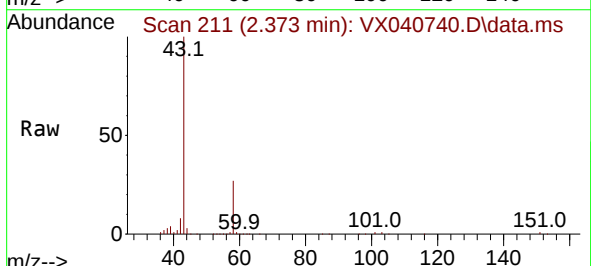
Manual Integrations
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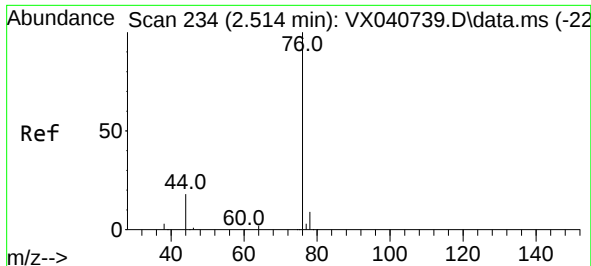
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#16
Acetone
Concen: 542.092 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

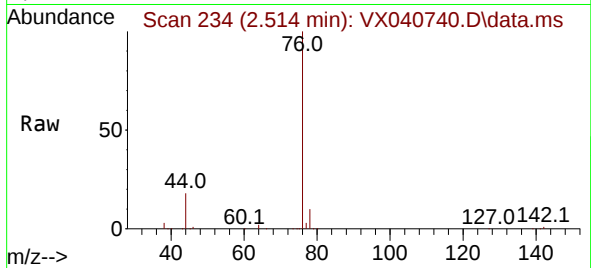
Tgt Ion: 43 Resp: 150468
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9





#17
Carbon Disulfide
Concen: 107.882 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

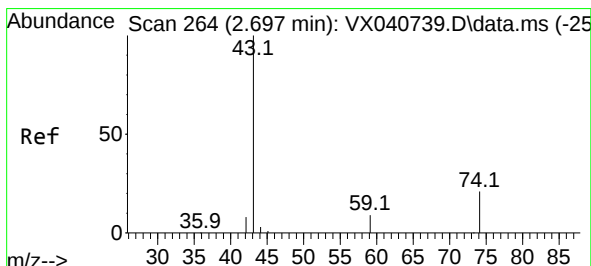
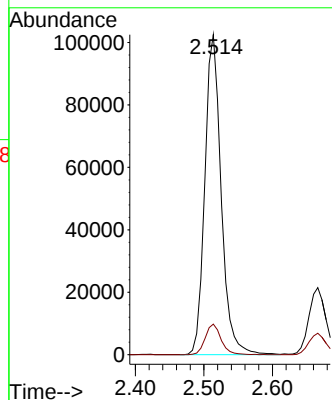
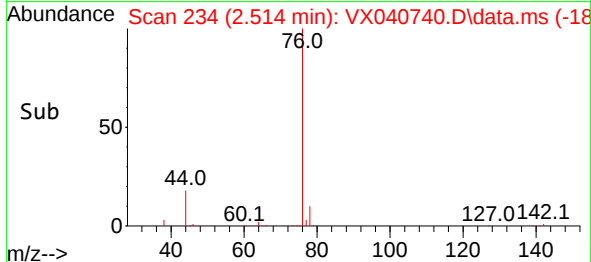
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



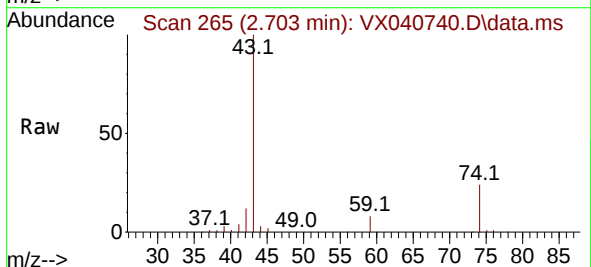
Tgt Ion: 76 Resp: 170580
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

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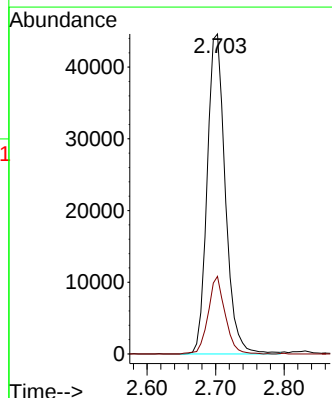
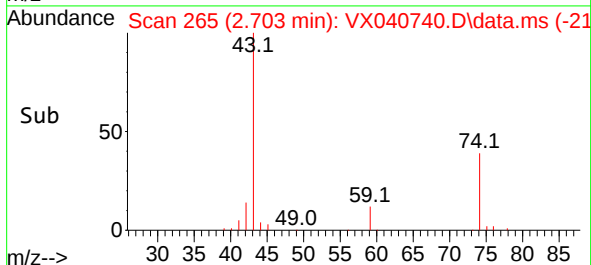
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

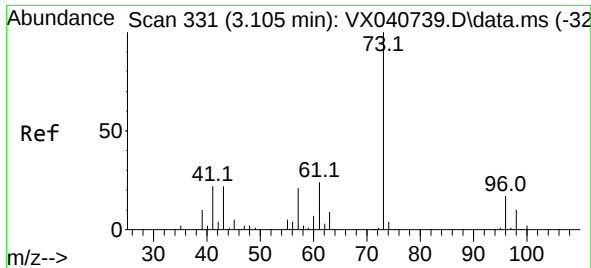


#18
Methyl Acetate
Concen: 110.208 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51



Tgt Ion: 43 Resp: 81985
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8





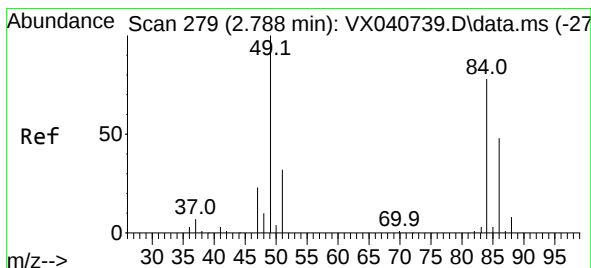
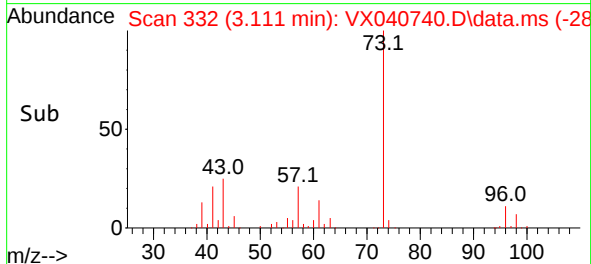
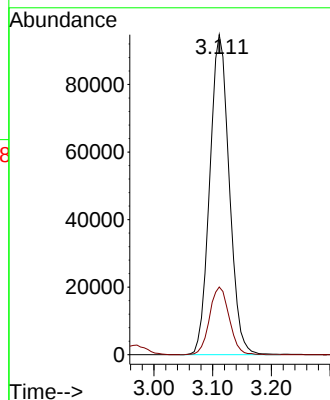
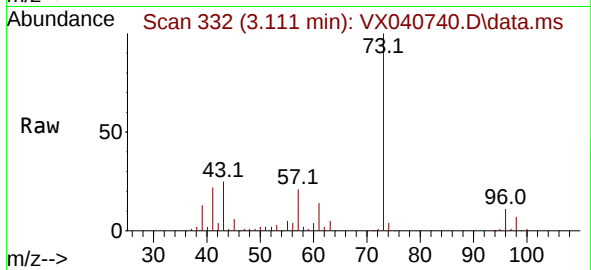
#19
Methyl tert-butyl Ether
Concen: 114.878 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 218260
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

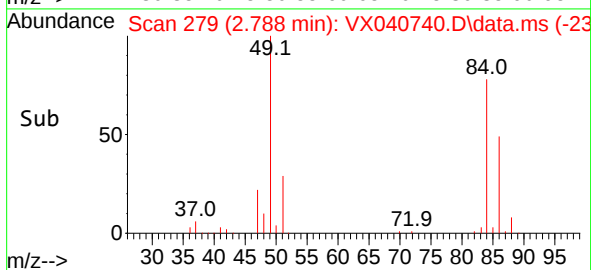
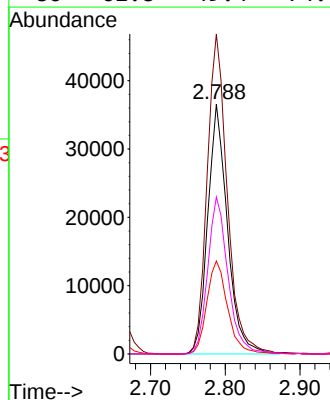
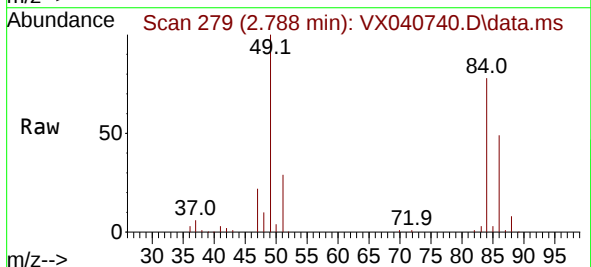
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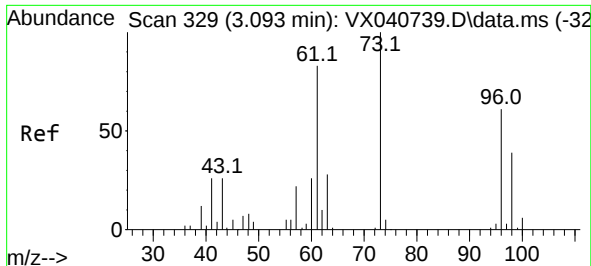
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#20
Methylene Chloride
Concen: 110.258 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

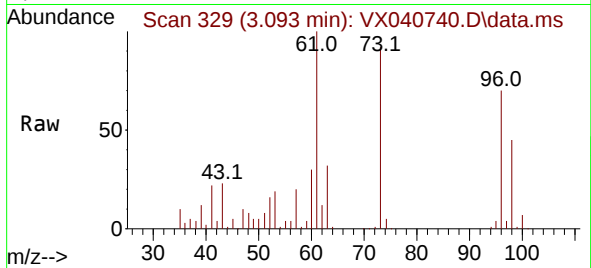
Tgt Ion: 84 Resp: 66898
Ion Ratio Lower Upper
84 100
49 128.0 103.6 155.4
51 37.2 33.8 50.6
86 62.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 109.985 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

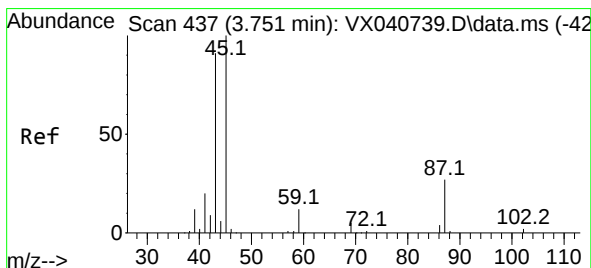
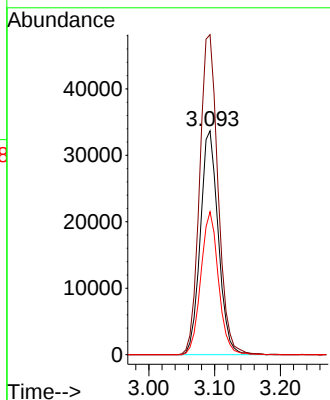
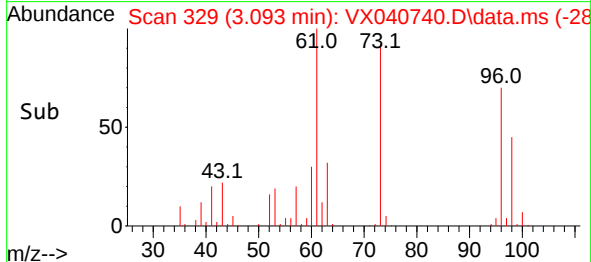
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 63910
Ion Ratio Lower Upper
96 100
61 142.9 119.2 178.8
98 63.8 48.7 73.1

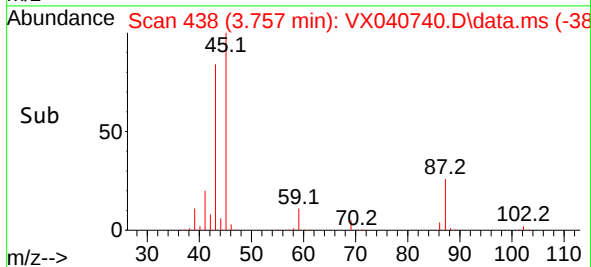
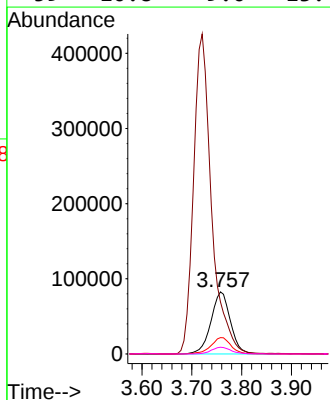
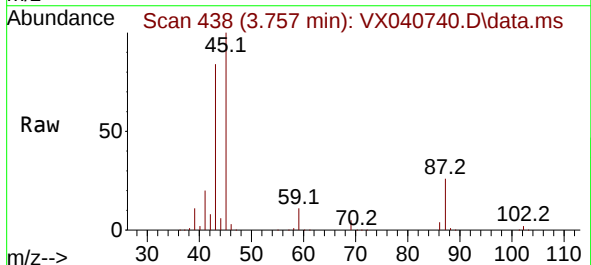
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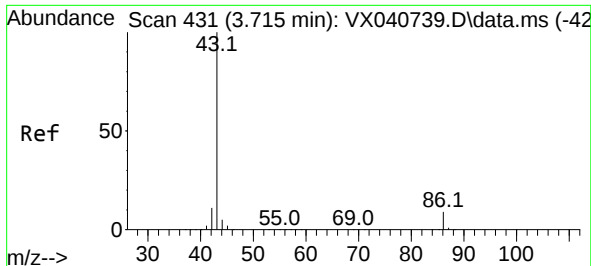
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#22
Diisopropyl ether
Concen: 116.052 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion: 45 Resp: 223416
Ion Ratio Lower Upper
45 100
43 82.9 69.7 104.5
87 26.2 20.8 31.2
59 10.8 9.0 13.4





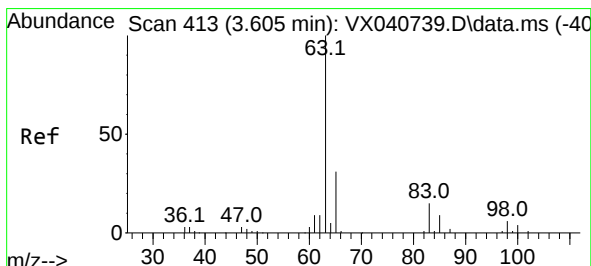
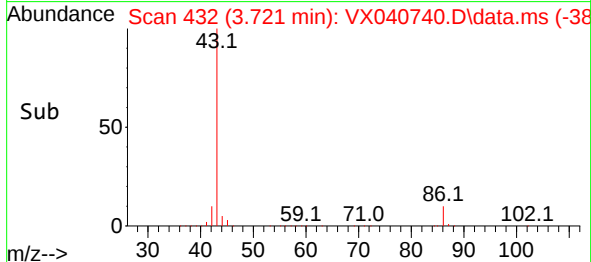
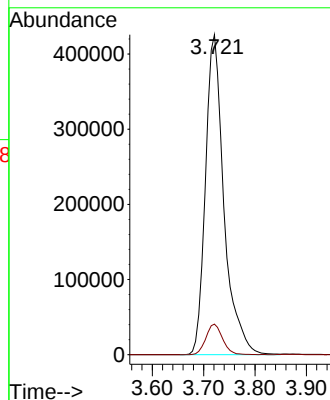
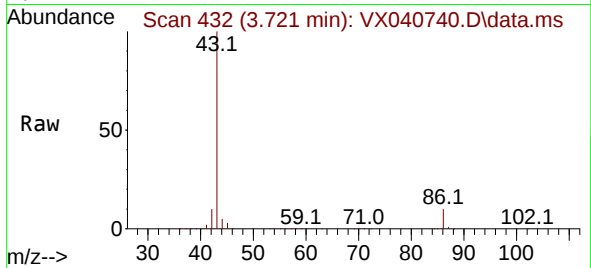
#23
 Vinyl Acetate
 Concen: 584.921 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX040740.D
 Acq: 21 Mar 2024 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 43 Resp: 1064400
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

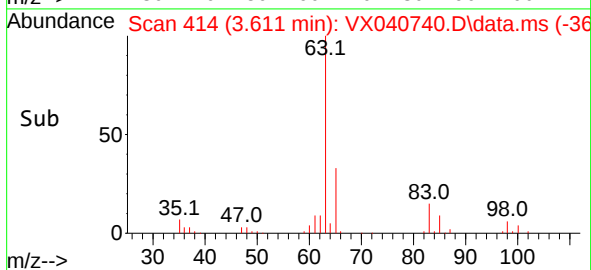
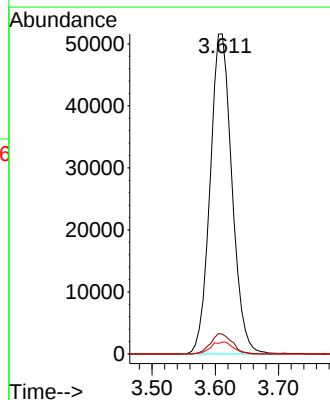
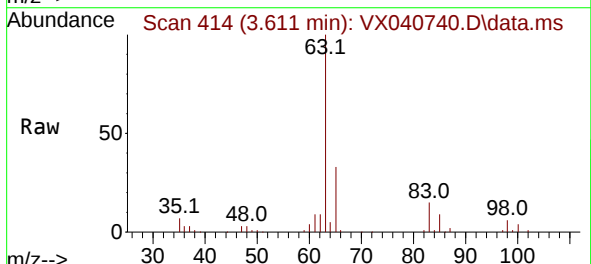
Manual Integrations
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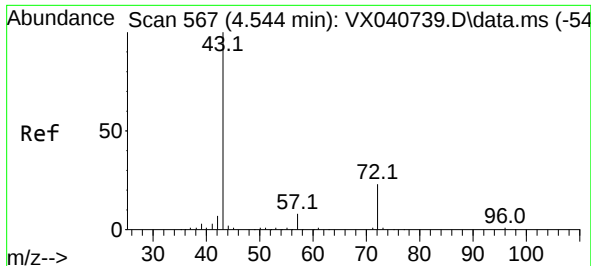
Reviewed By :John Carlone 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024



#24
 1,1-Dichloroethane
 Concen: 111.821 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040740.D
 Acq: 21 Mar 2024 11:51

Tgt Ion: 63 Resp: 123646
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 3.7 2.1 6.5





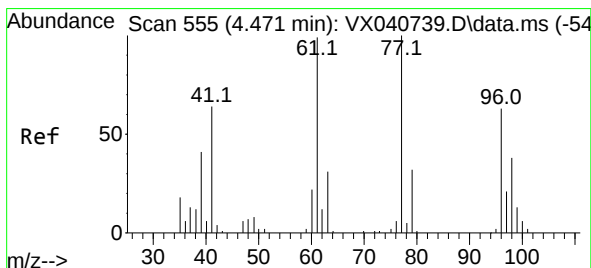
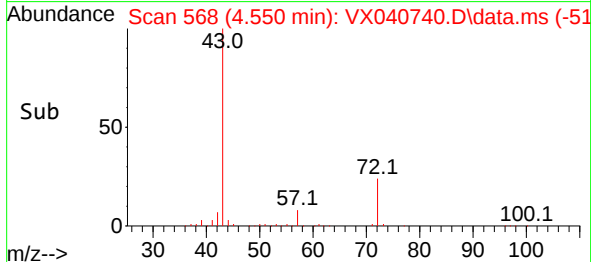
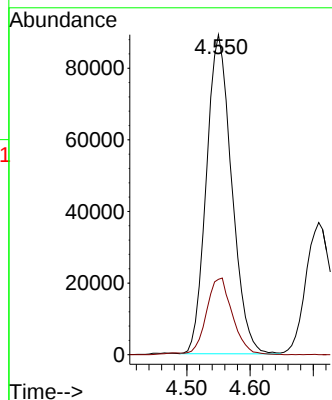
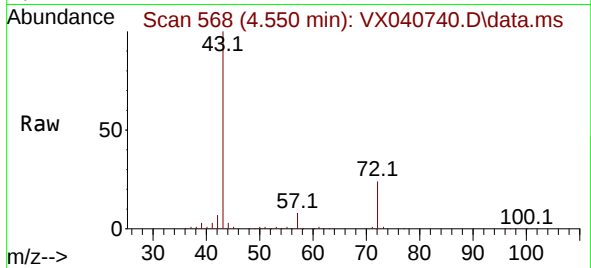
#25
2-Butanone
Concen: 570.742 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 24813
Ion Ratio Lower Upper
43 100
72 23.5 19.4 29.2

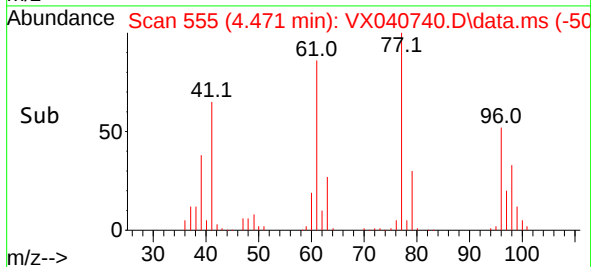
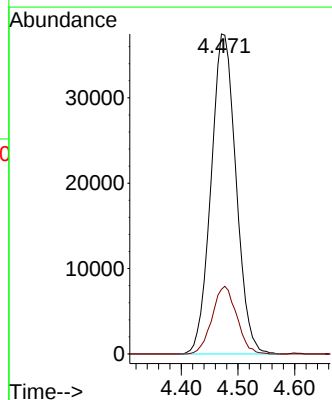
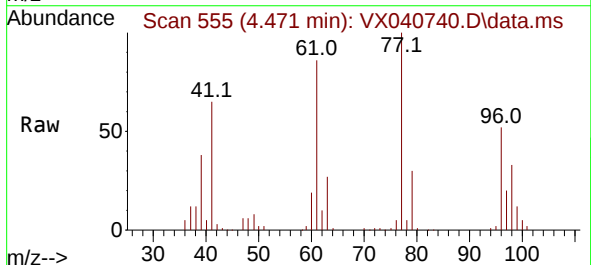
Manual Integrations
APPROVED

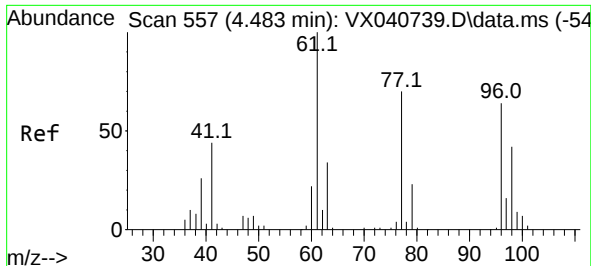
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#26
2,2-Dichloropropane
Concen: 118.886 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion: 77 Resp: 114697
Ion Ratio Lower Upper
77 100
97 20.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 112.390 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 75658

Ion Ratio Lower Upper

96 100

61 159.7 0.0 312.2

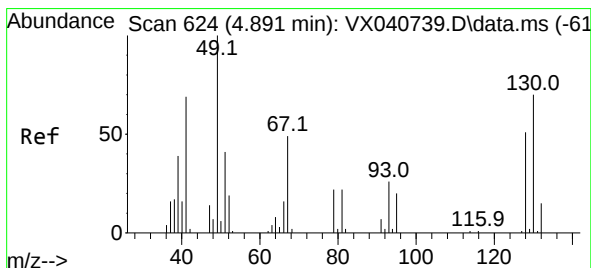
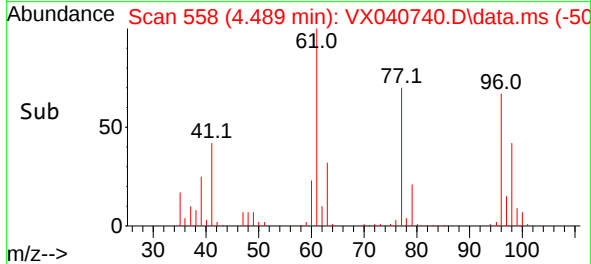
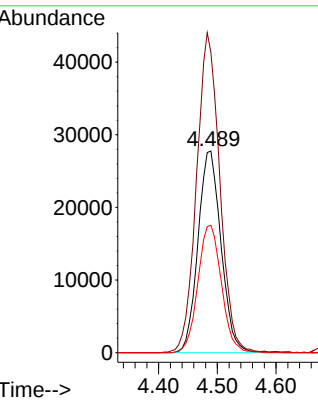
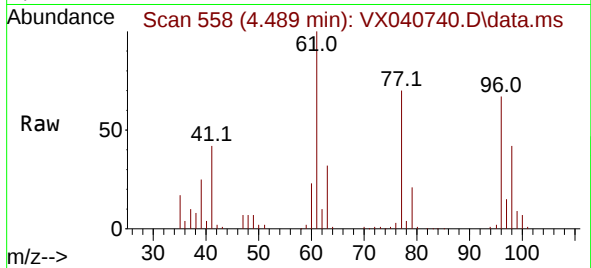
98 64.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#28

Bromochloromethane

Concen: 103.320 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

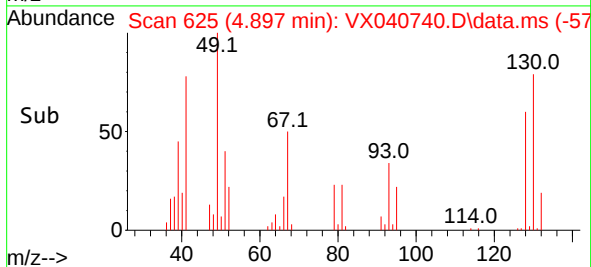
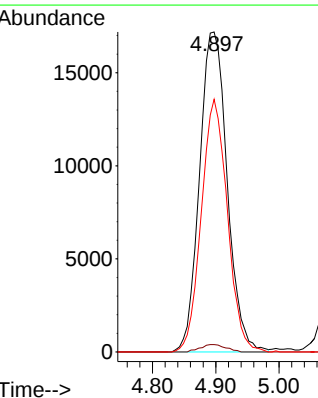
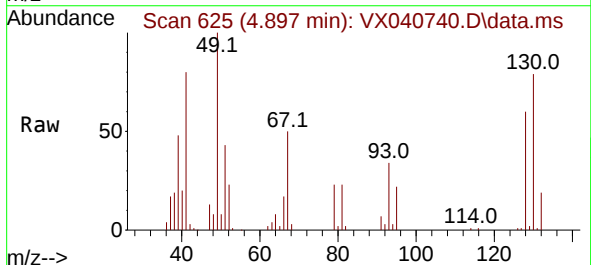
Tgt Ion: 49 Resp: 52252

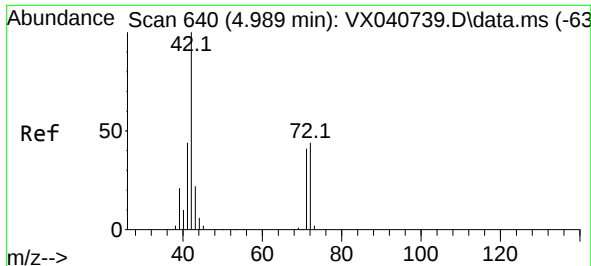
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 74.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 579.653 ug/l

RT: 4.995 min Scan# 640

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 167624

Ion Ratio Lower Upper

42 100

72 44.2 34.2 51.4

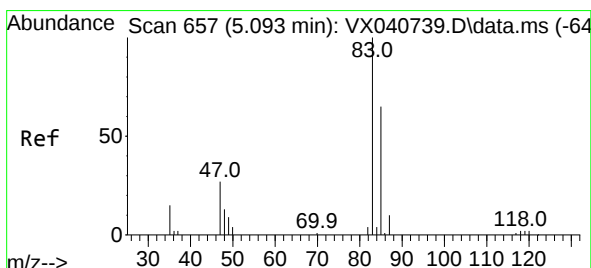
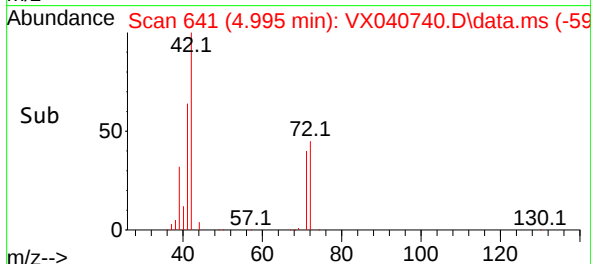
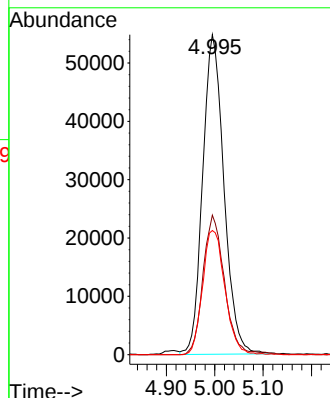
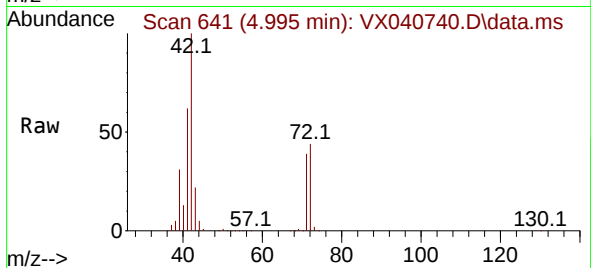
71 40.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#30

Chloroform

Concen: 114.983 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX040740.D

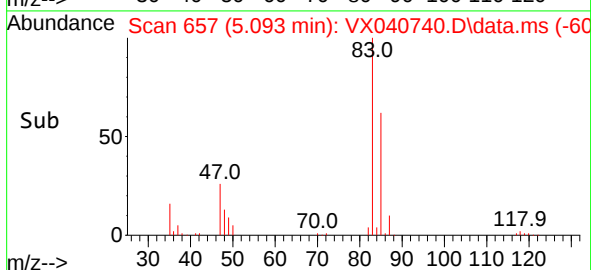
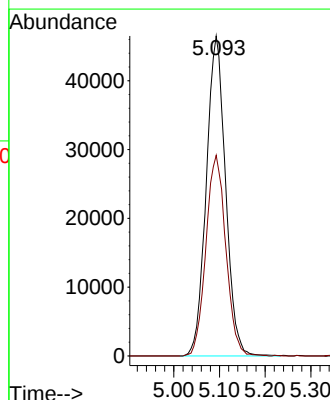
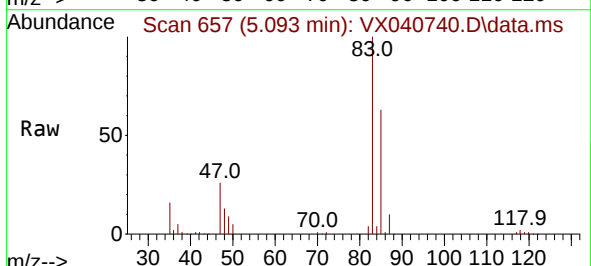
Acq: 21 Mar 2024 11:51

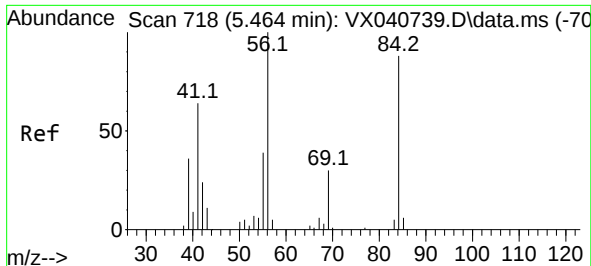
Tgt Ion: 83 Resp: 136119

Ion Ratio Lower Upper

83 100

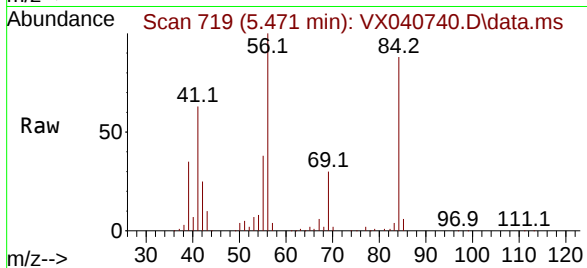
85 62.7 50.3 75.5





#31
Cyclohexane
Concen: 112.634 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

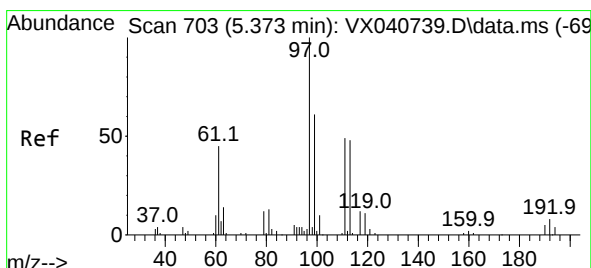
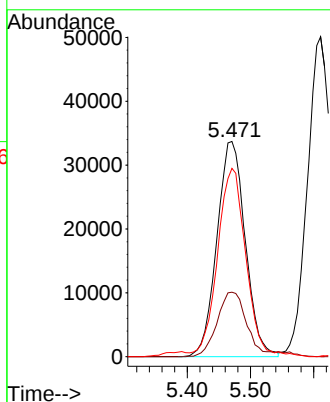
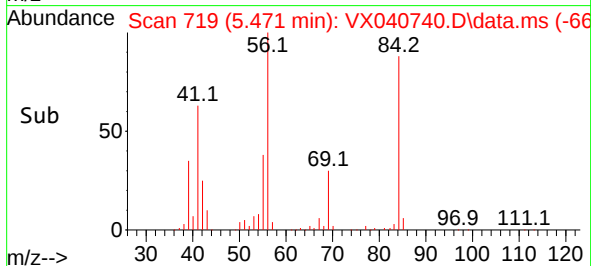
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 104872
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 85.4 65.9 98.9

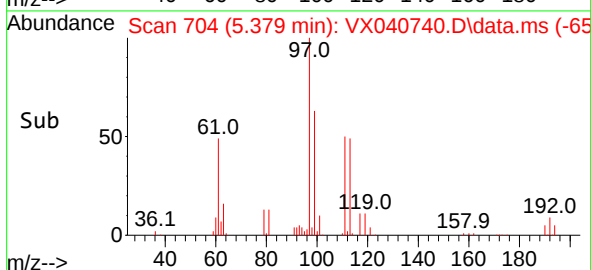
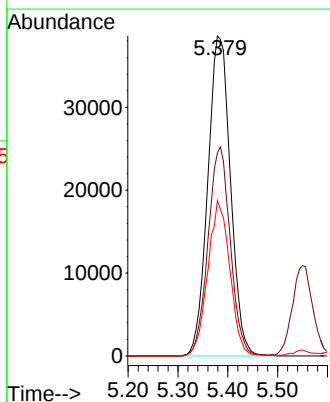
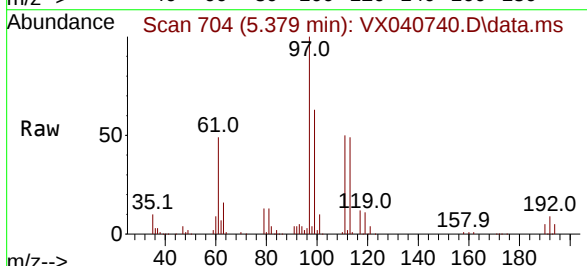
Manual Integrations
APPROVED

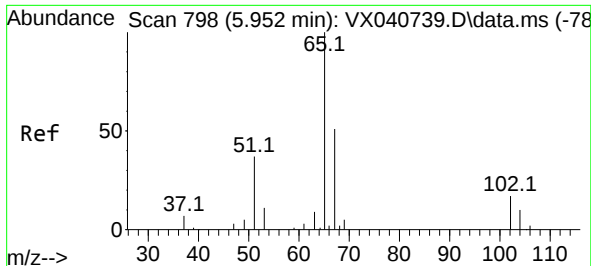
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#32
1,1,1-Trichloroethane
Concen: 120.052 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion: 97 Resp: 122156
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 47.2 36.4 54.6





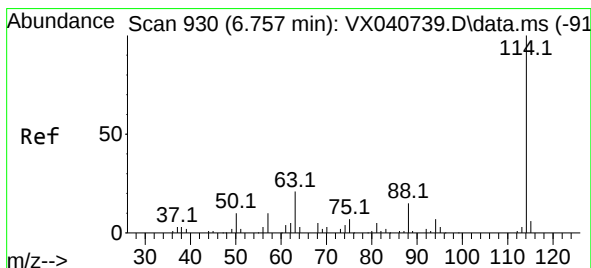
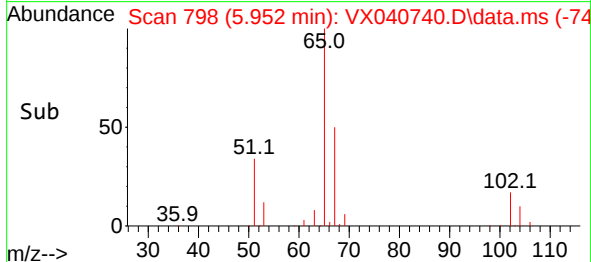
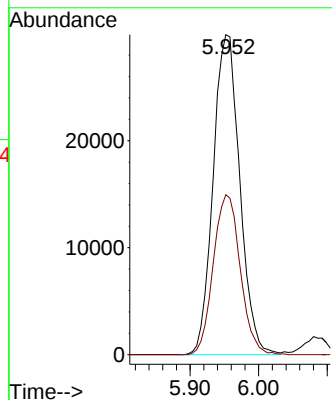
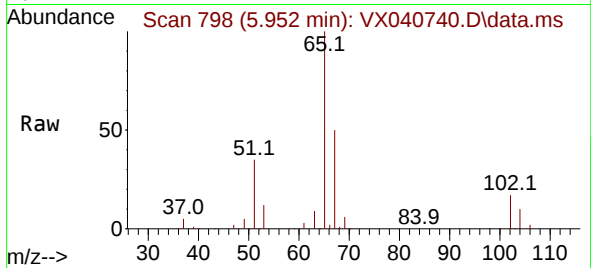
#33
1,2-Dichloroethane-d4
Concen: 102.987 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 8070
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

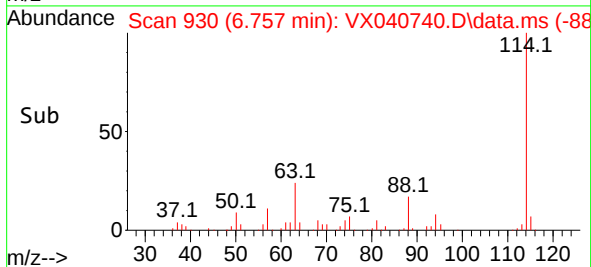
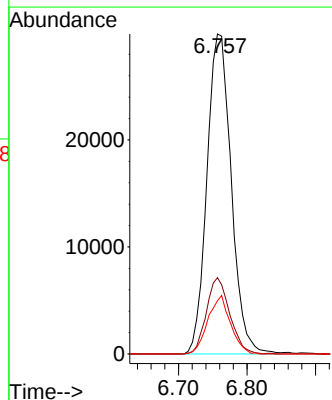
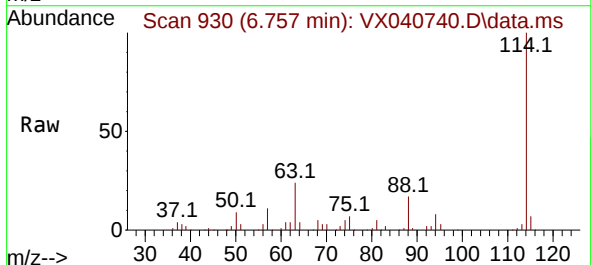
Manual Integrations
APPROVED

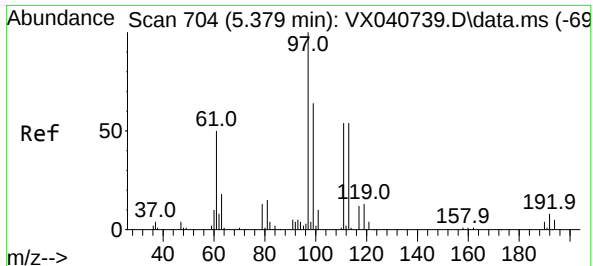
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion:114 Resp: 73726
Ion Ratio Lower Upper
114 100
63 23.9 0.0 45.0
88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 102.581 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:113 Resp: 56590

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

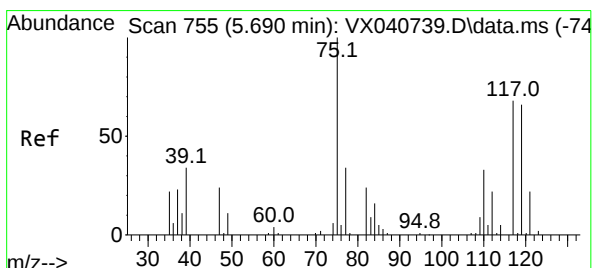
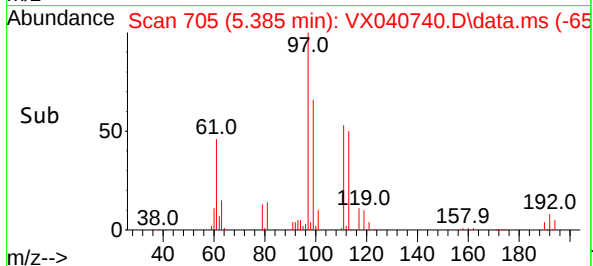
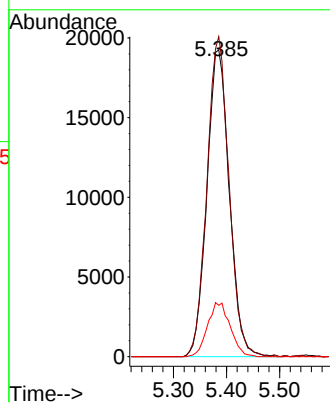
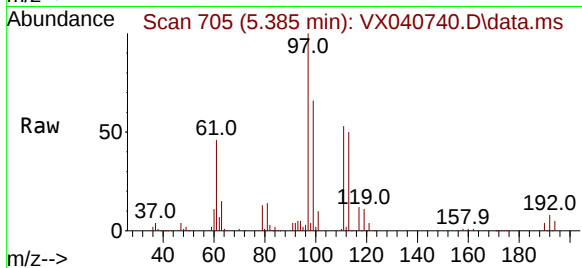
192 17.8 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#36

1,1-Dichloropropene

Concen: 113.615 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

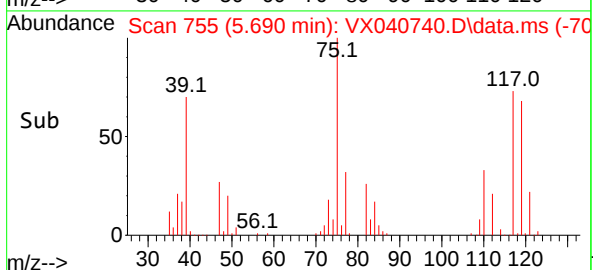
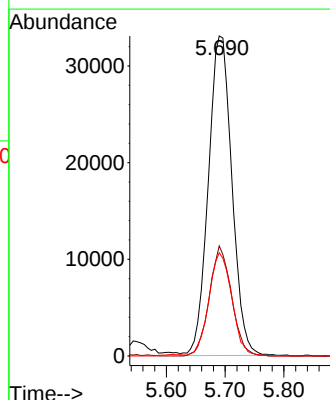
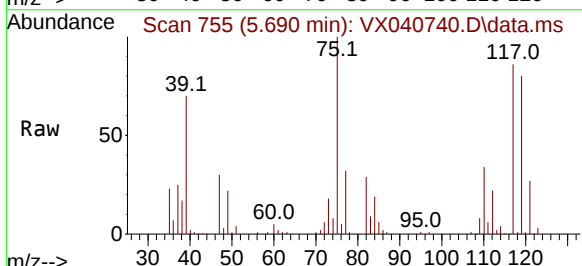
Tgt Ion: 75 Resp: 92284

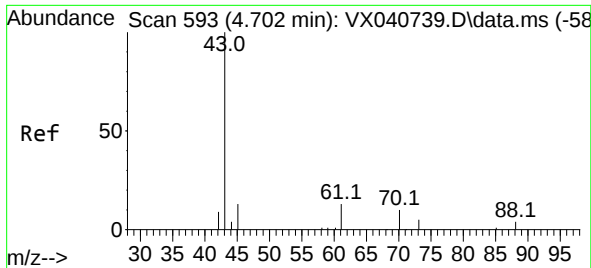
Ion Ratio Lower Upper

75 100

110 32.4 17.0 50.9

77 31.5 24.7 37.1





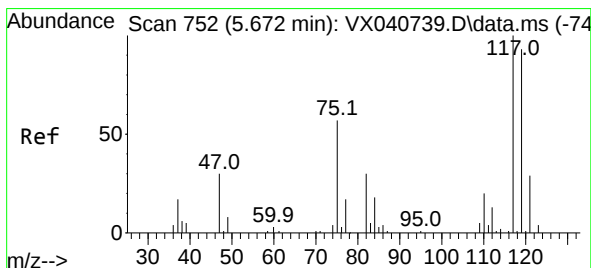
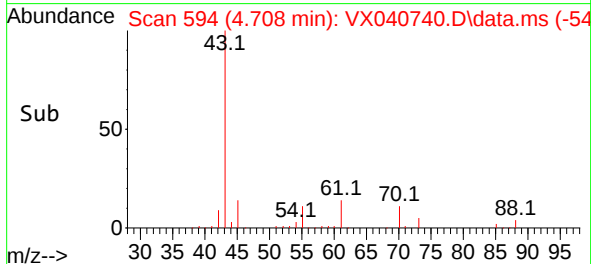
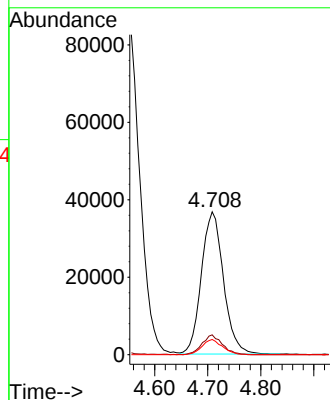
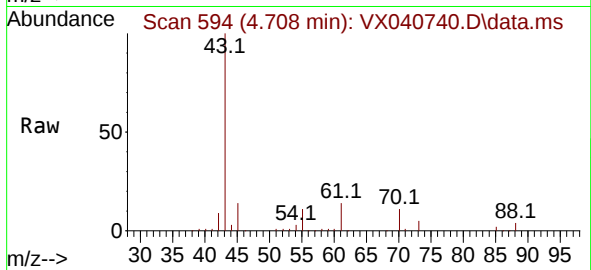
#37
Ethyl Acetate
Concen: 115.285 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 106333
Ion Ratio Lower Upper
43 100
61 12.7 10.6 16.0
70 9.9 8.3 12.5

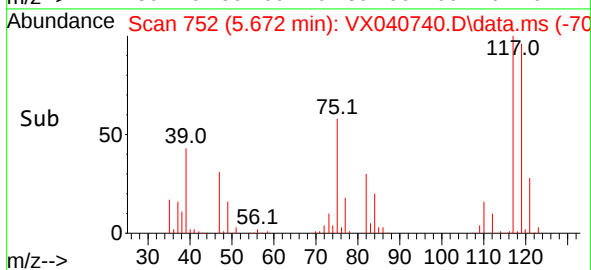
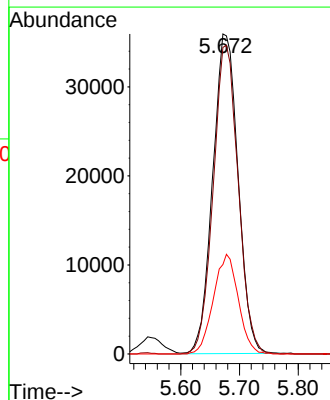
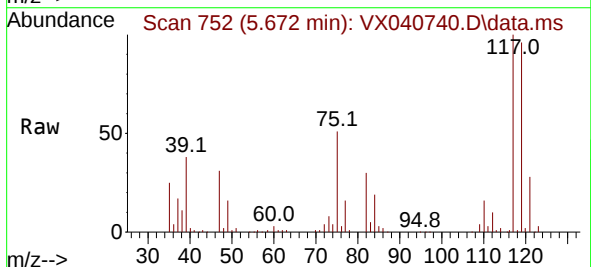
Manual Integrations
APPROVED

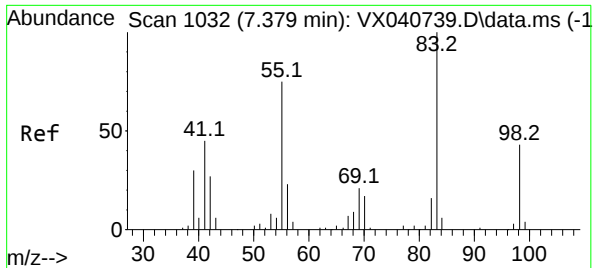
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#38
Carbon Tetrachloride
Concen: 117.593 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion:117 Resp: 107509
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.2
121 28.0 24.4 36.6





#39
Methylcyclohexane
Concen: 113.936 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

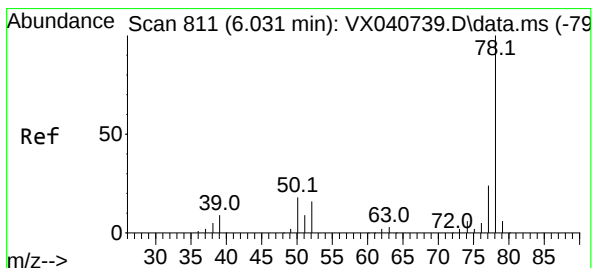
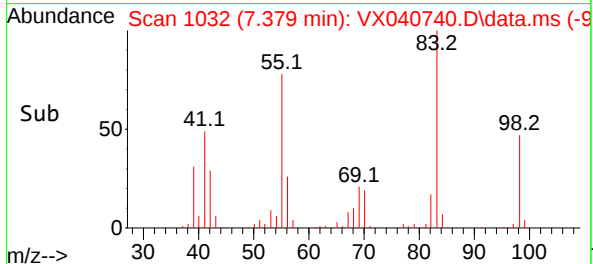
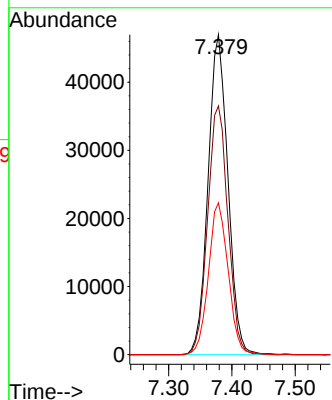
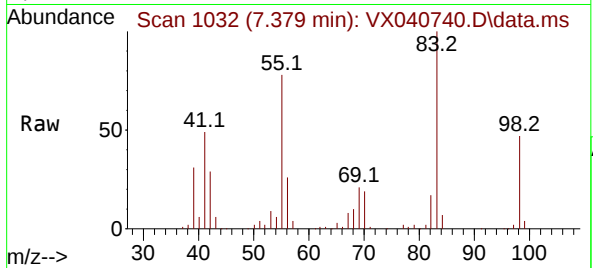
VSTDICC100

Tgt Ion: 83 Resp: 102528
Ion Ratio Lower Upper
83 100
55 77.8 64.6 97.0
98 47.4 36.7 55.1

Manual Integrations

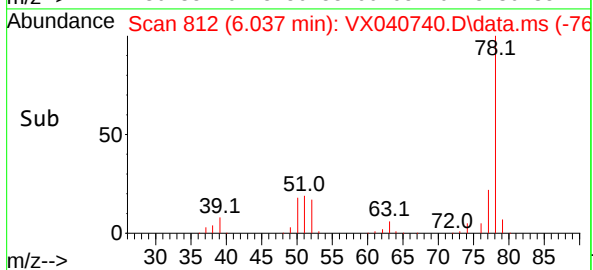
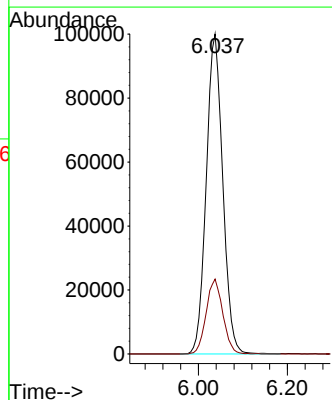
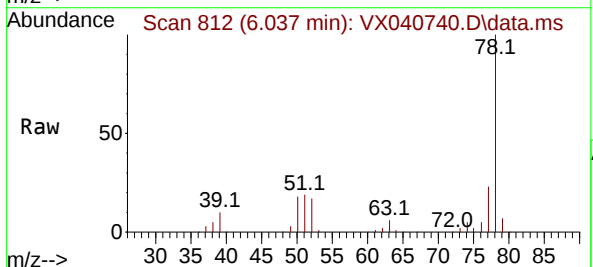
APPROVED

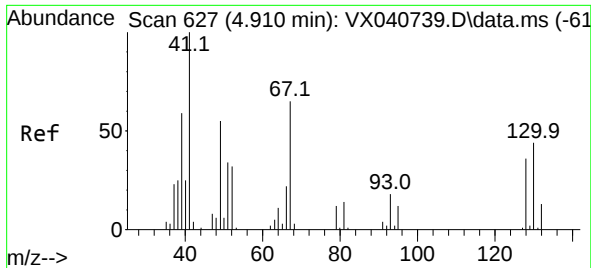
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#40
Benzene
Concen: 115.307 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion: 78 Resp: 258623
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





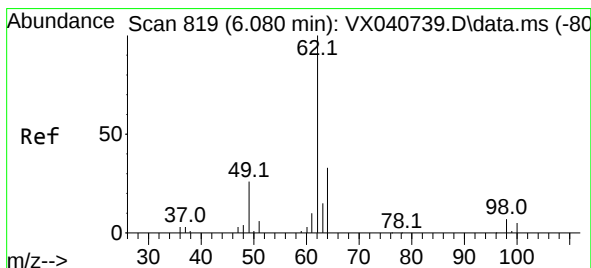
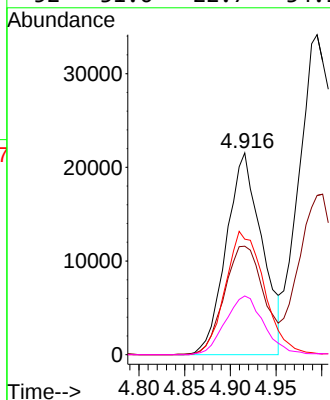
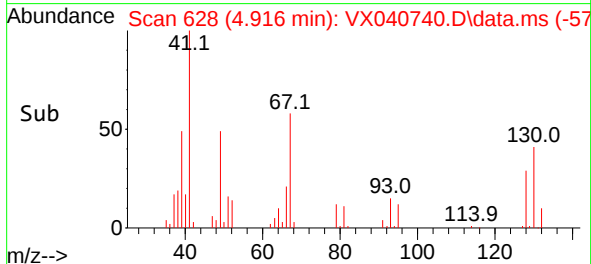
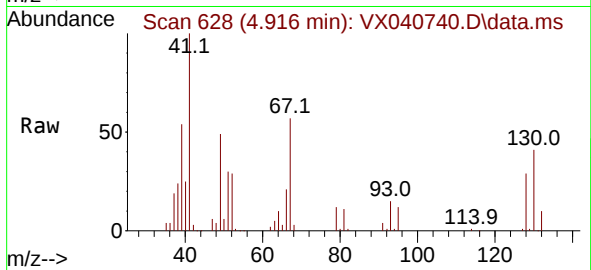
#41
Methacrylonitrile
Concen: 124.018 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 5864
Ion Ratio Lower Upper
41 100
39 59.5 45.2 67.8
67 66.6 52.6 78.8
52 31.6 22.7 34.1

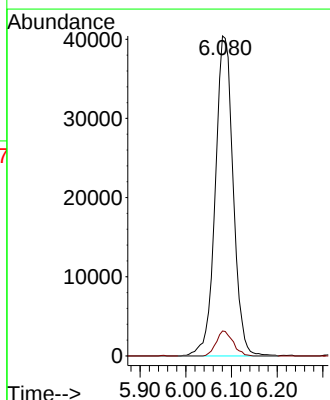
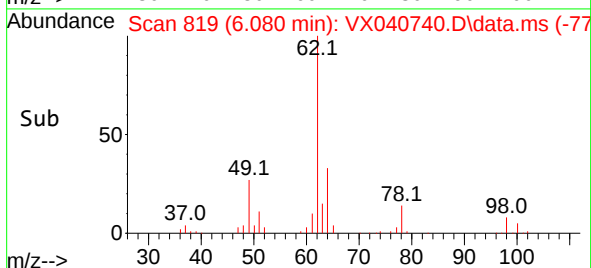
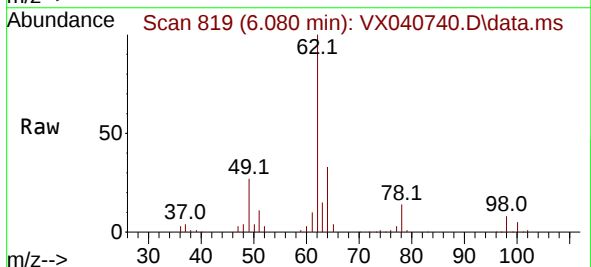
Manual Integrations
APPROVED

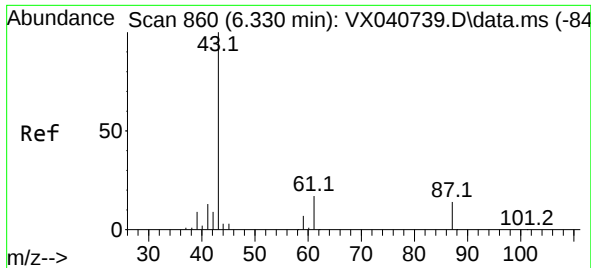
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#42
1,2-Dichloroethane
Concen: 120.996 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

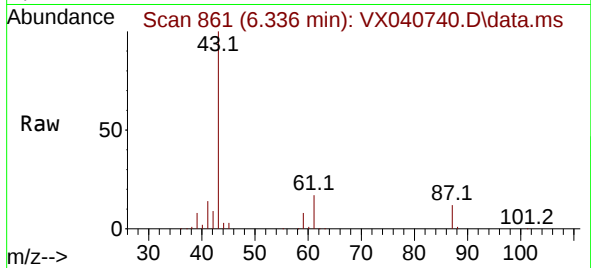
Tgt Ion: 62 Resp: 109817
Ion Ratio Lower Upper
62 100
98 7.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 124.272 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

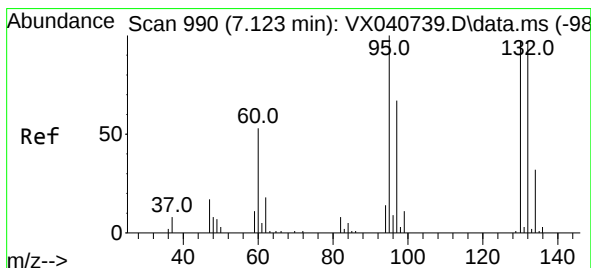
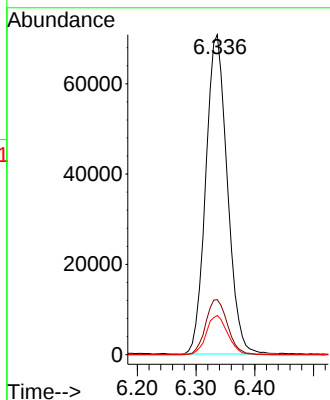
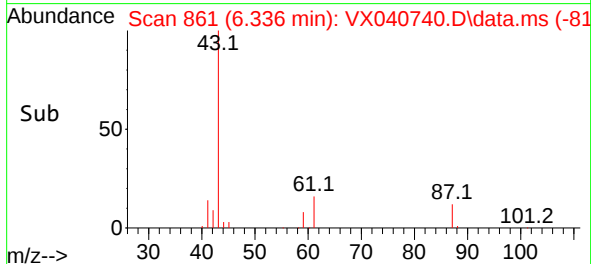
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



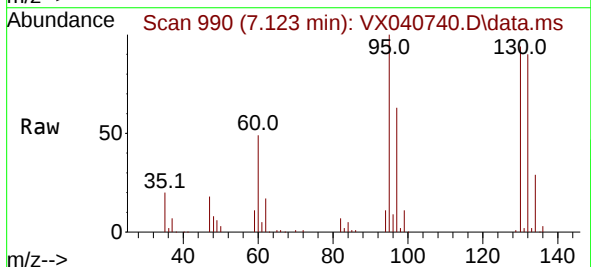
Tgt Ion: 43 Resp: 179992
Ion Ratio Lower Upper
43 100
61 17.6 15.2 22.8
87 12.2 9.8 14.6

Manual Integrations
APPROVED

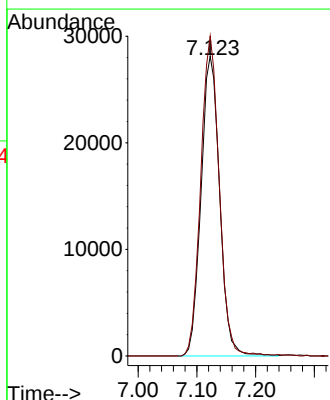
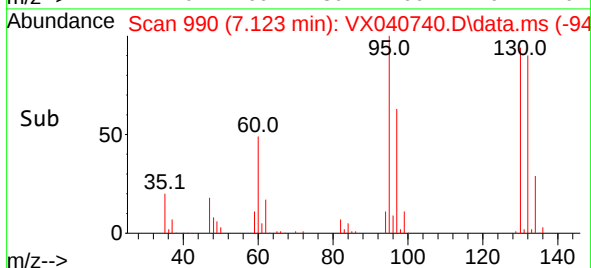
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

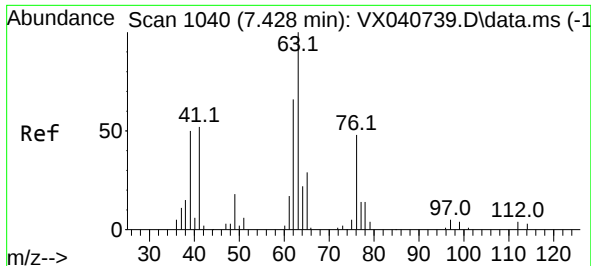


#44
Trichloroethene
Concen: 115.184 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51



Tgt Ion:130 Resp: 61923
Ion Ratio Lower Upper
130 100
95 106.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 114.076 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 60030

Ion Ratio Lower Upper

63 100

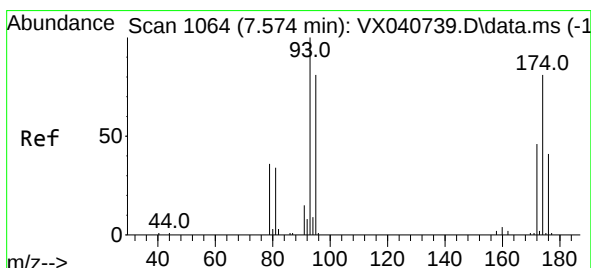
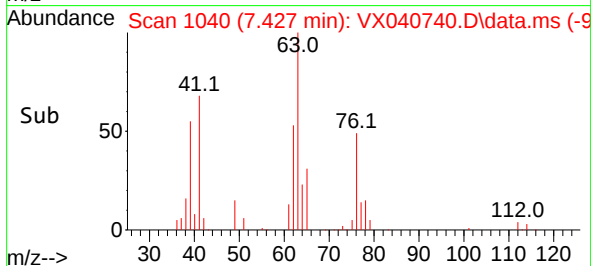
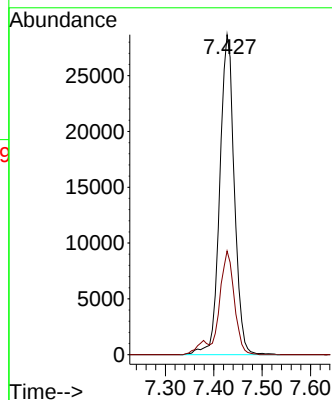
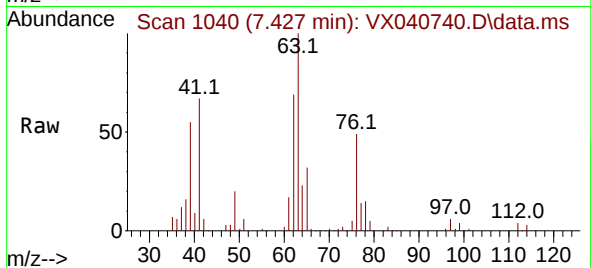
65 32.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#46

Dibromomethane

Concen: 116.012 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

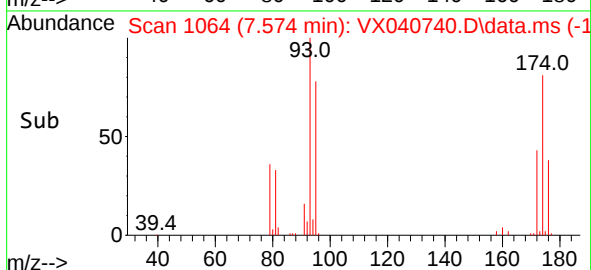
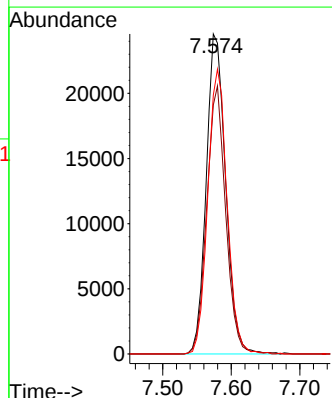
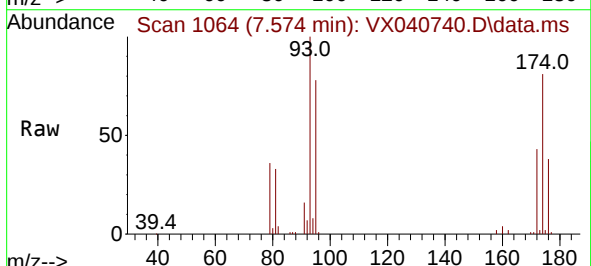
Tgt Ion: 93 Resp: 48351

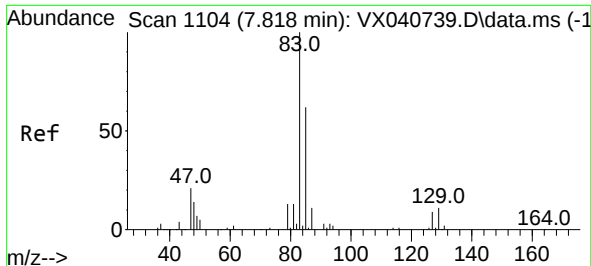
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

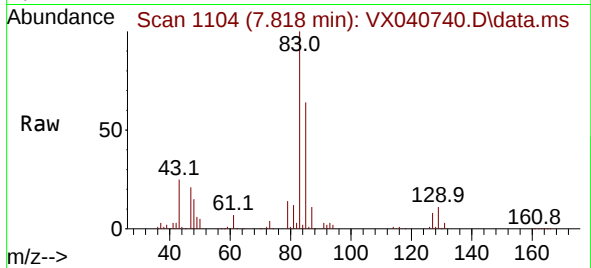
174 88.6 69.4 104.0





#47
Bromodichloromethane
Concen: 117.464 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

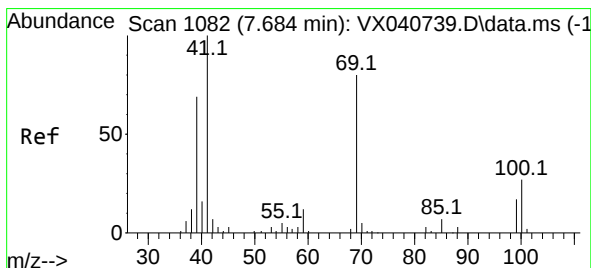
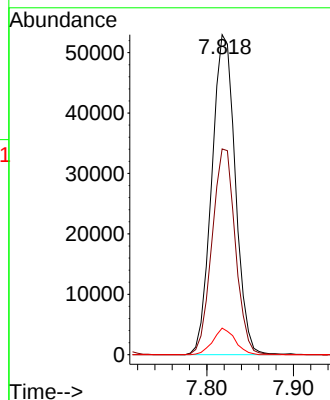
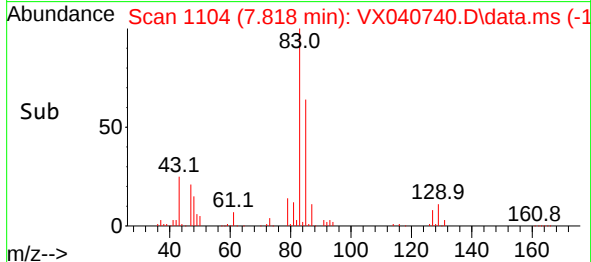
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



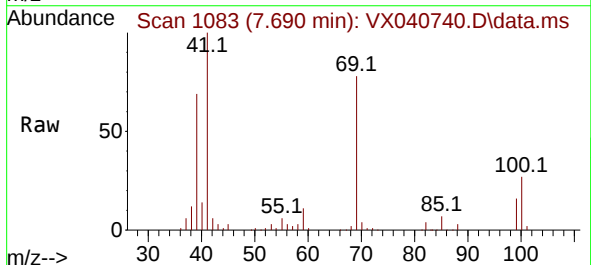
Tgt Ion: 83 Resp: 100033
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 8.3 7.1 10.7

Manual Integrations
APPROVED

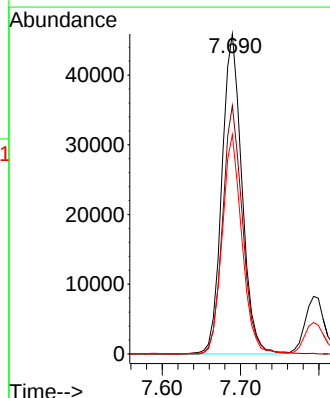
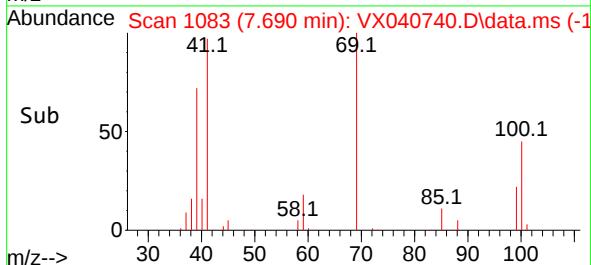
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

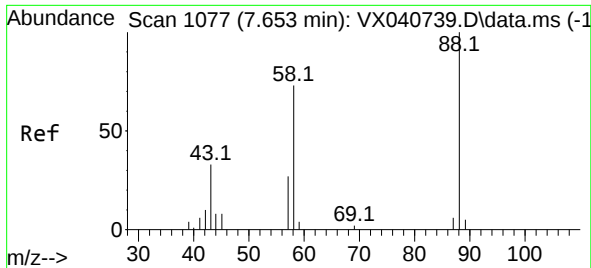


#48
Methyl methacrylate
Concen: 123.195 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51



Tgt Ion: 41 Resp: 81554
Ion Ratio Lower Upper
41 100
69 77.3 59.2 88.8
39 67.8 47.7 71.5





#49

1,4-Dioxane

Concen: 2405.140 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

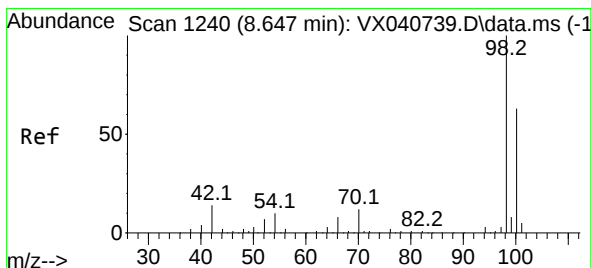
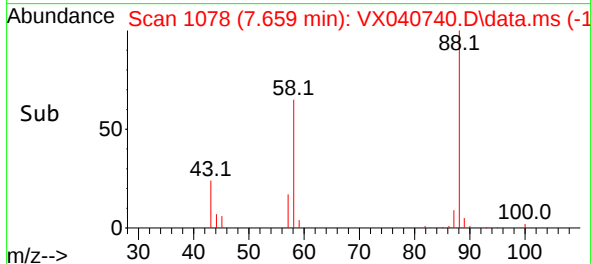
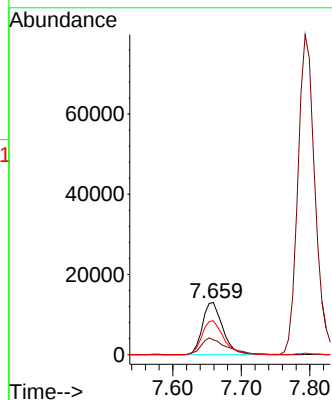
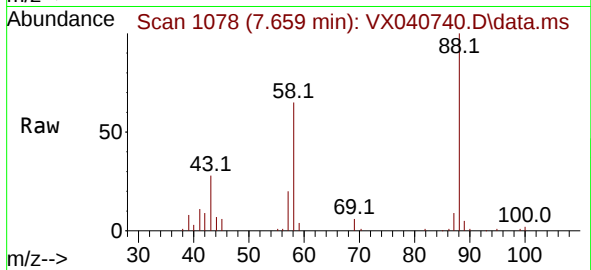
Tgt Ion: 88 Resp: 2687
 Ion Ratio Lower Upper
 88 100
 43 39.5 0.0 0.0
 58 69.0 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#50

Toluene-d8

Concen: 97.890 ug/l

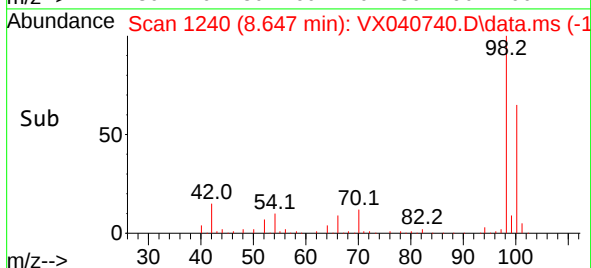
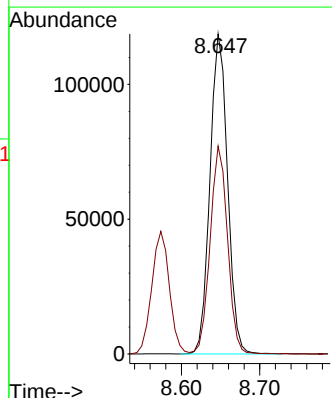
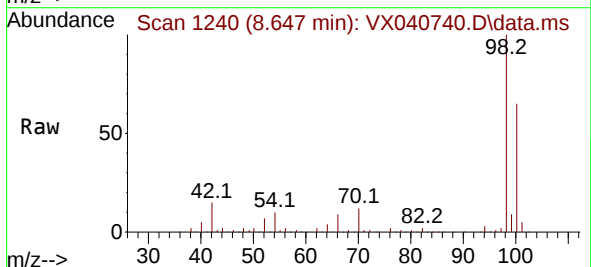
RT: 8.647 min Scan# 1240

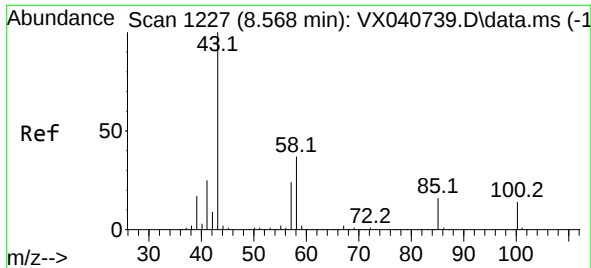
Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Tgt Ion: 98 Resp: 184907
 Ion Ratio Lower Upper
 98 100
 100 64.4 53.1 79.7





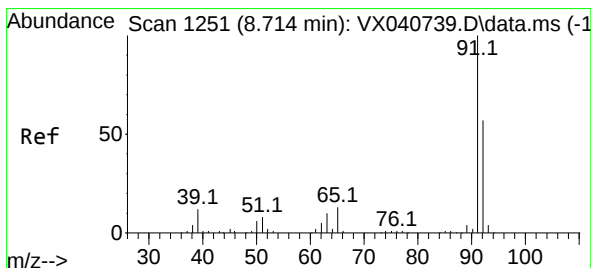
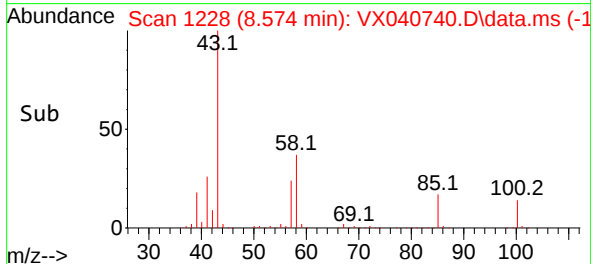
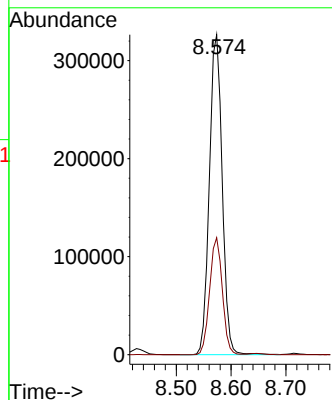
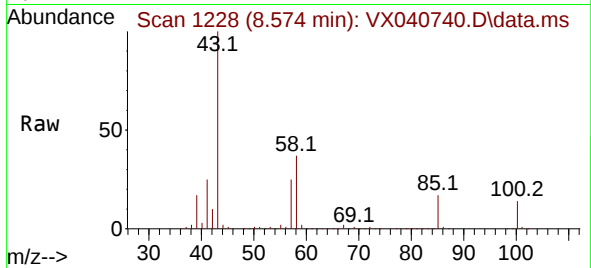
#51
4-Methyl-2-Pentanone
Concen: 588.460 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 52856
Ion Ratio Lower Upper
43 100
58 36.1 30.4 45.6

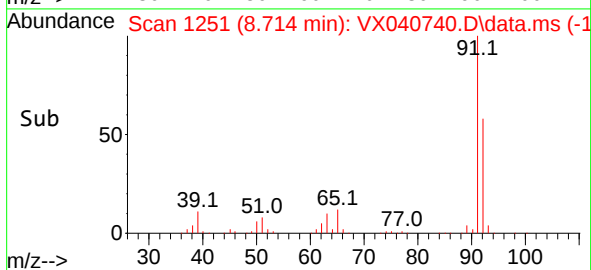
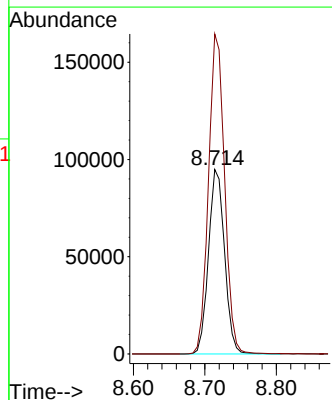
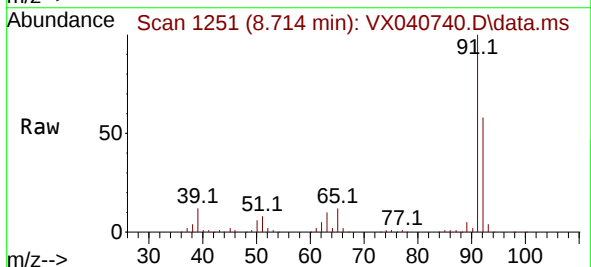
Manual Integrations
APPROVED

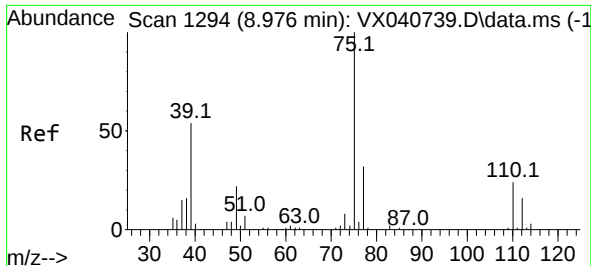
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#52
Toluene
Concen: 110.525 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion: 92 Resp: 147845
Ion Ratio Lower Upper
92 100
91 173.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 115.692 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 101920

Ion Ratio Lower Upper

75 100

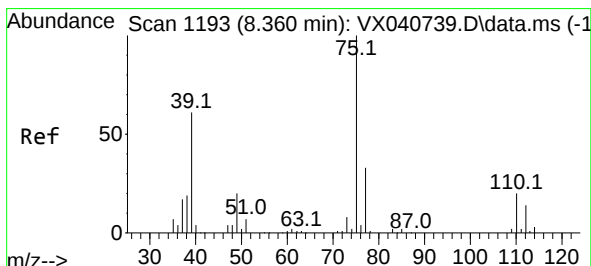
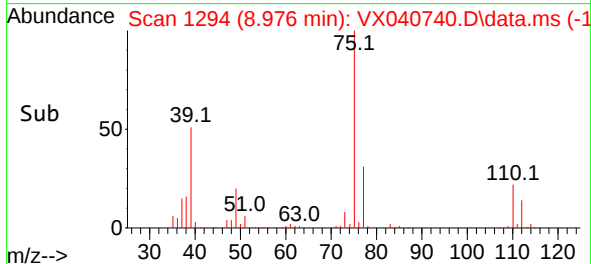
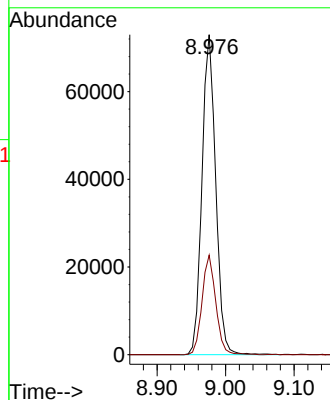
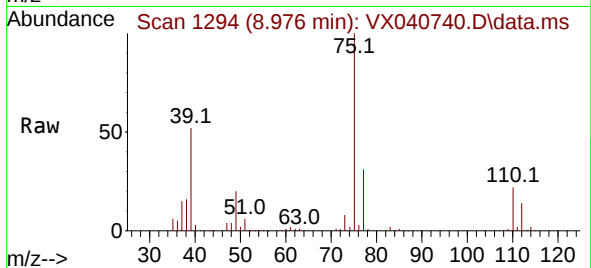
77 31.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#54

cis-1,3-Dichloropropene

Concen: 120.062 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

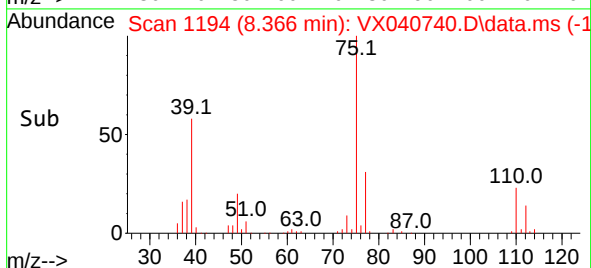
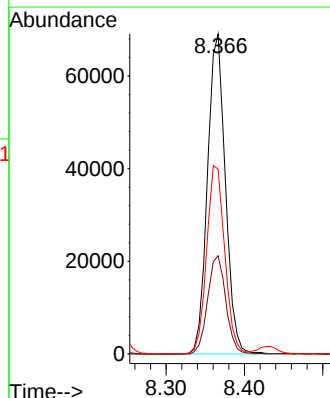
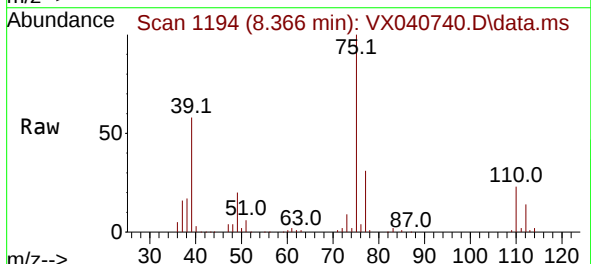
Tgt Ion: 75 Resp: 109389

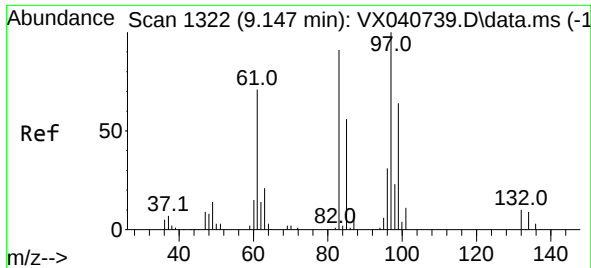
Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9

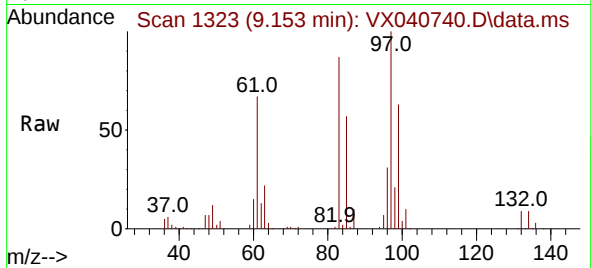
39 57.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 112.435 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

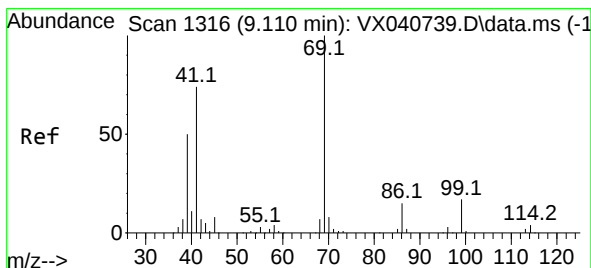
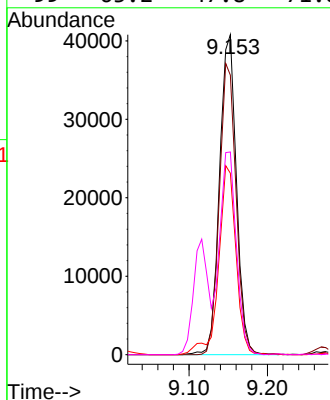
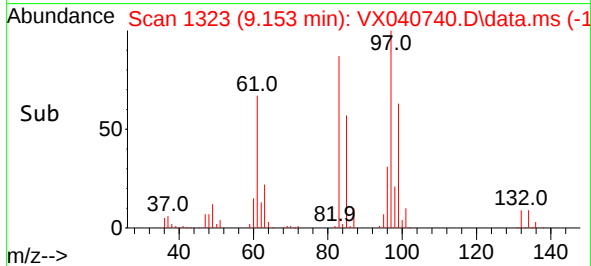


Tgt Ion: 97 Resp: 61248

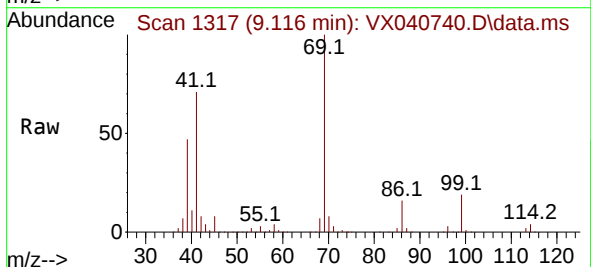
Ion	Ratio	Lower	Upper
97	100		
83	87.4	65.8	98.8
85	56.7	41.6	62.4
99	63.2	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

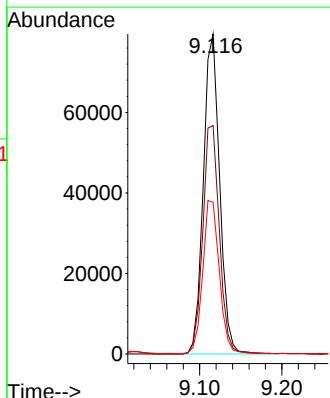
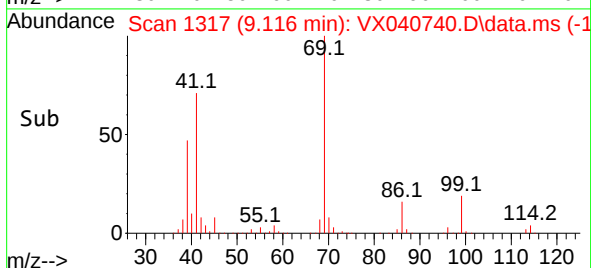


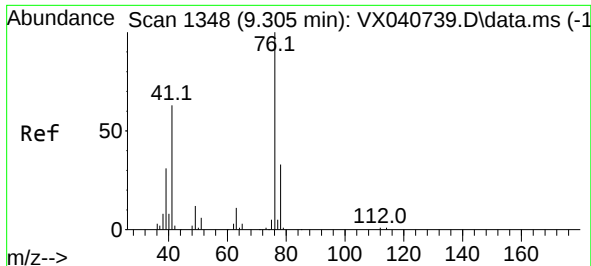
#56
Ethyl methacrylate
Concen: 120.395 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51



Tgt Ion: 69 Resp: 109623

Ion	Ratio	Lower	Upper
69	100		
41	72.9	56.8	85.2
39	48.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 117.206 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 10895

Ion Ratio Lower Upper

76 100

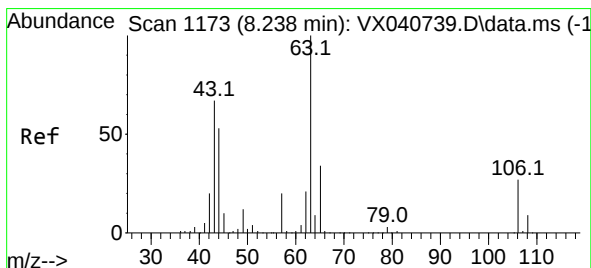
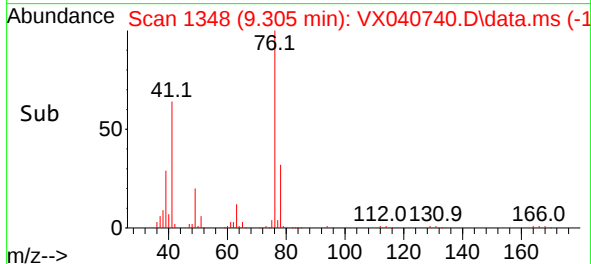
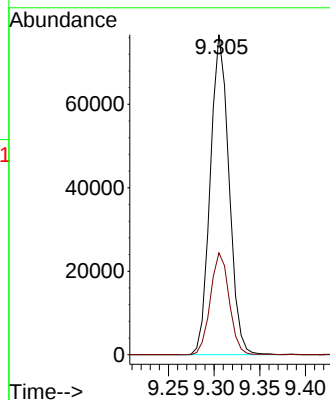
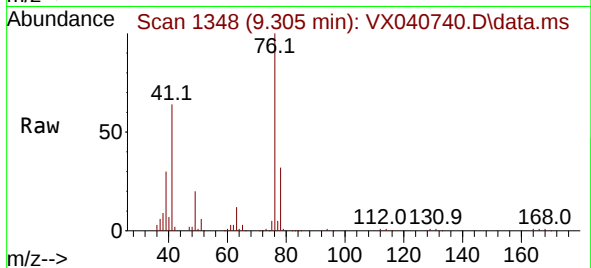
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 643.272 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040740.D

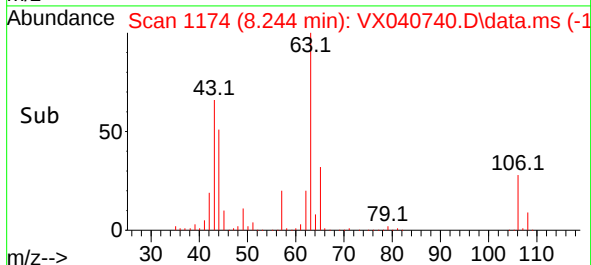
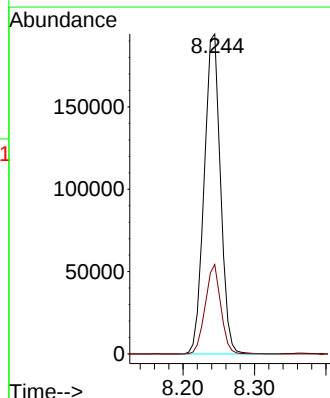
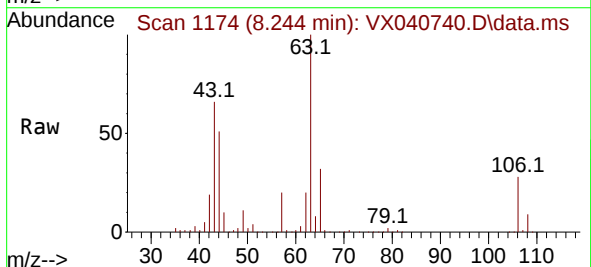
Acq: 21 Mar 2024 11:51

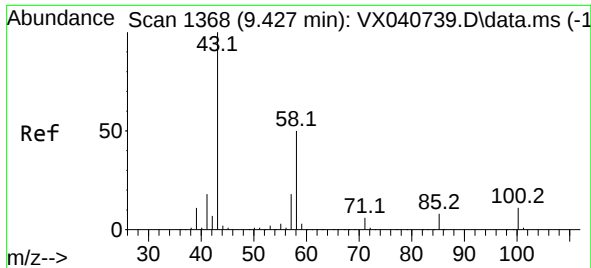
Tgt Ion: 63 Resp: 307399

Ion Ratio Lower Upper

63 100

106 26.7 22.5 33.7





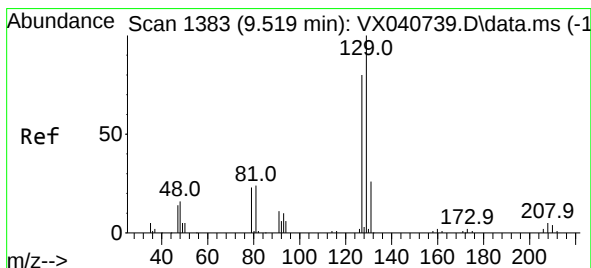
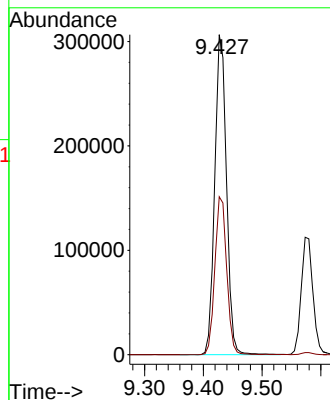
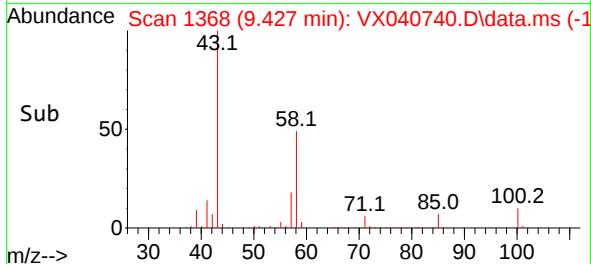
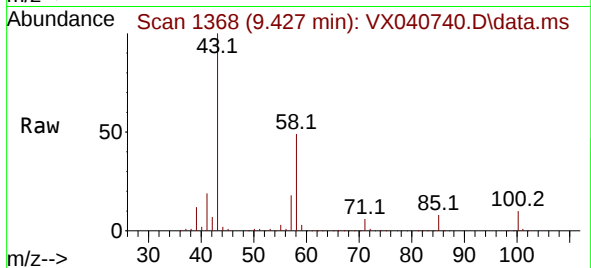
#59
2-Hexanone
Concen: 610.362 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 424694
Ion Ratio Lower Upper
43 100
58 50.0 26.2 78.5

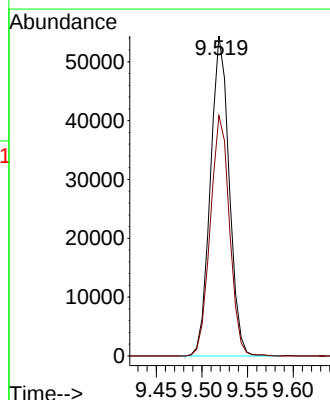
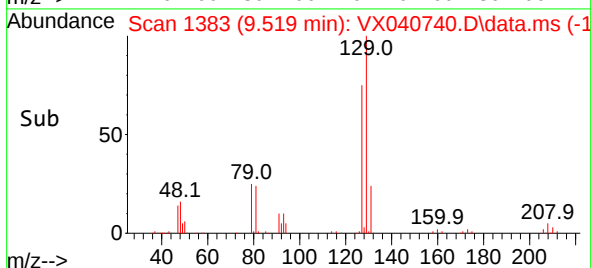
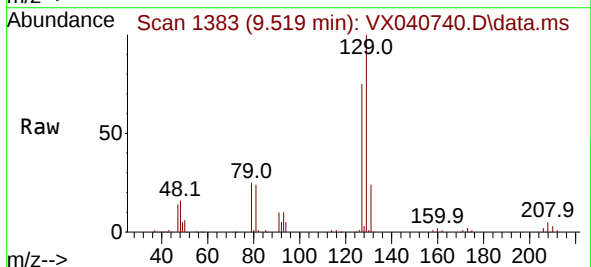
Manual Integrations
APPROVED

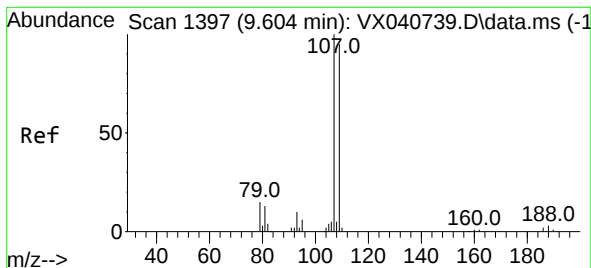
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#60
Dibromochloromethane
Concen: 121.300 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion:129 Resp: 77647
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61

1,2-Dibromoethane

Concen: 119.646 ug/l

RT: 9.610 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:107 Resp: 68825

Ion Ratio Lower Upper

107 100

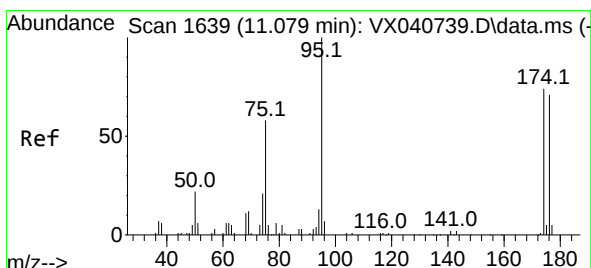
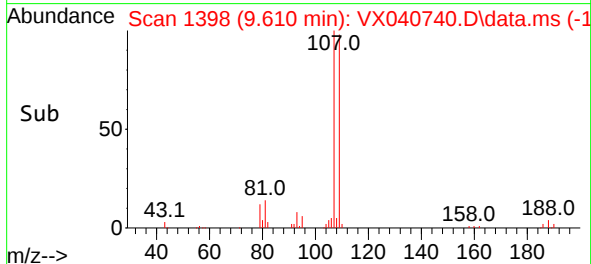
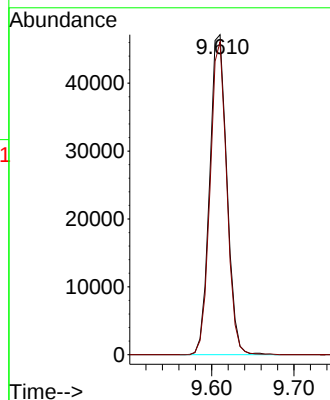
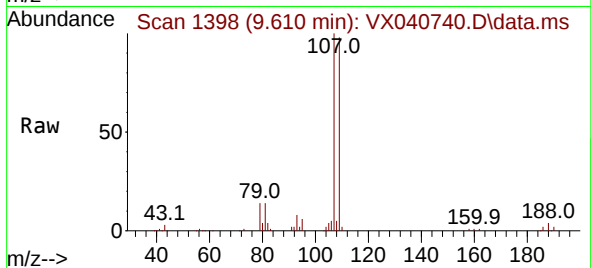
109 94.2 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#62

4-Bromofluorobenzene

Concen: 111.036 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

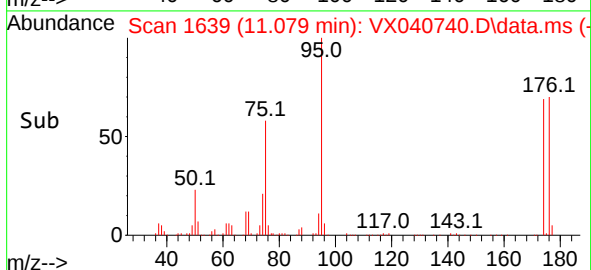
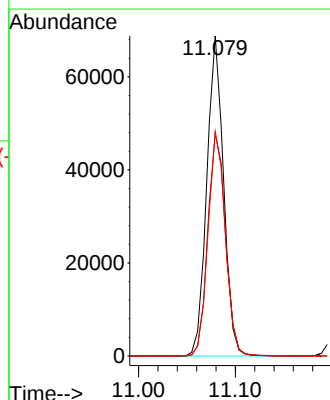
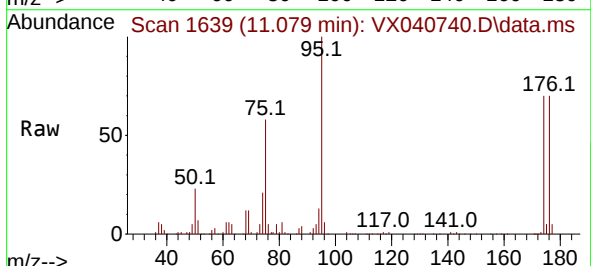
Tgt Ion: 95 Resp: 82865

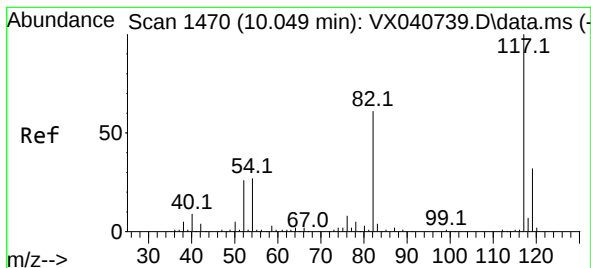
Ion Ratio Lower Upper

95 100

174 73.1 0.0 135.6

176 72.0 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:117 Resp: 70358

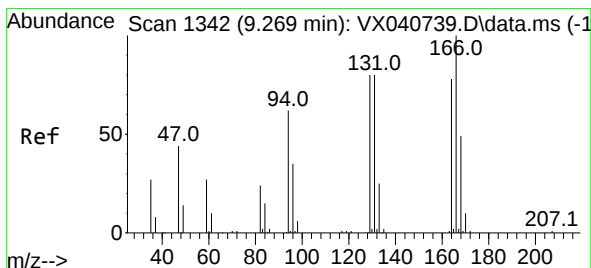
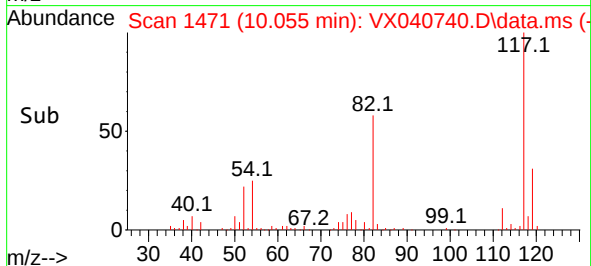
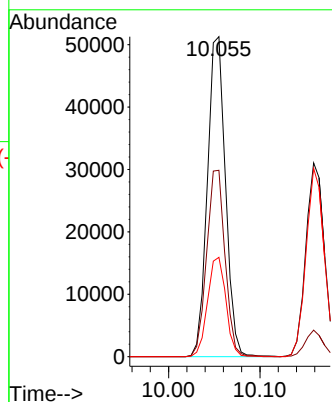
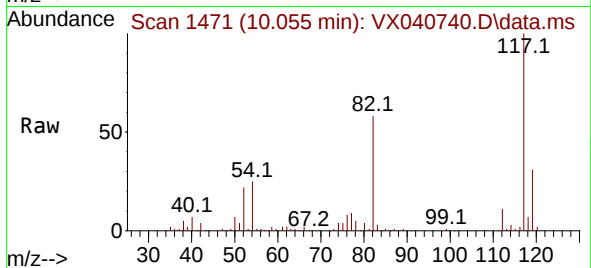
Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.2	69.4
119	31.1	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#64

Tetrachloroethene

Concen: 108.655 ug/l

RT: 9.275 min Scan# 1343

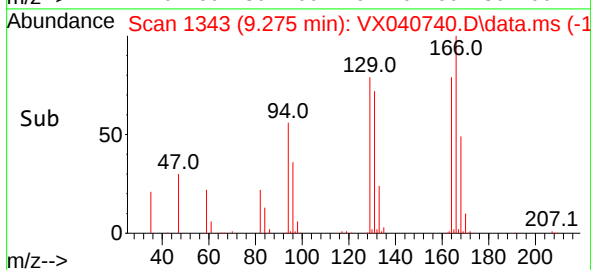
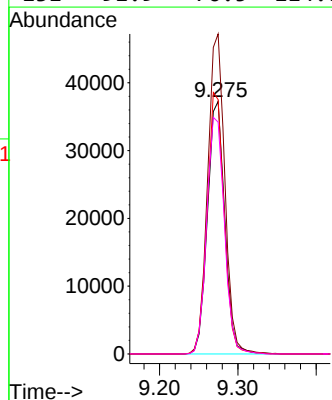
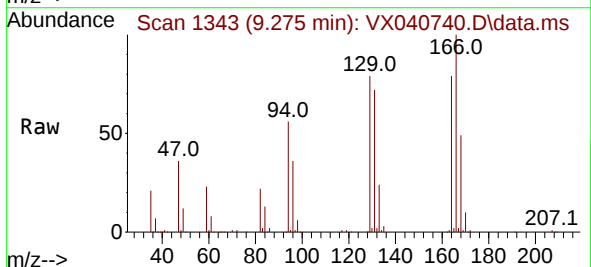
Delta R.T. 0.006 min

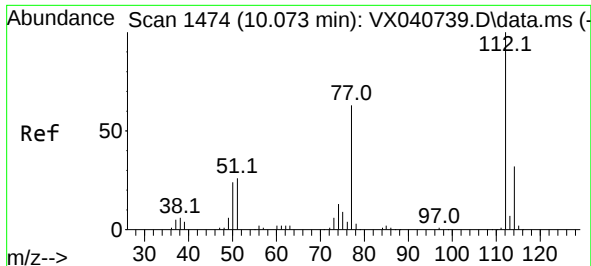
Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Tgt Ion:164 Resp: 56943

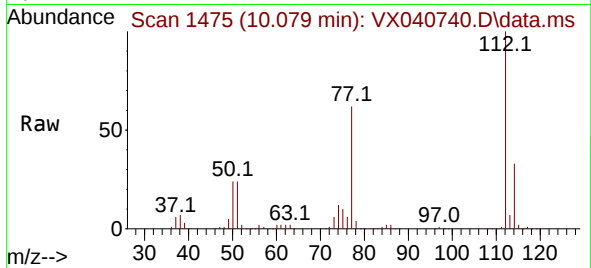
Ion	Ratio	Lower	Upper
164	100		
166	126.8	102.7	154.1
129	100.8	80.4	120.6
131	91.9	76.5	114.7





#65
Chlorobenzene
Concen: 113.372 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

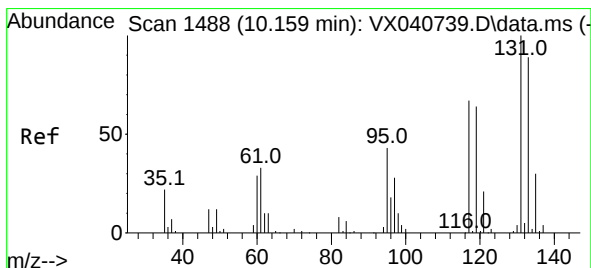
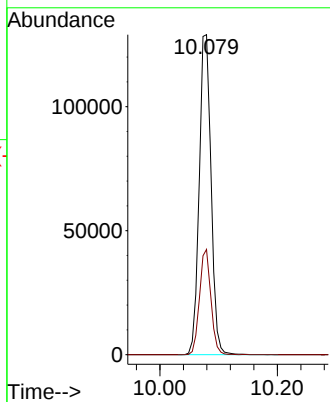
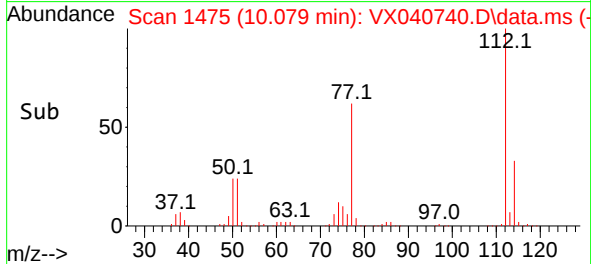
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:112 Resp: 180915
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

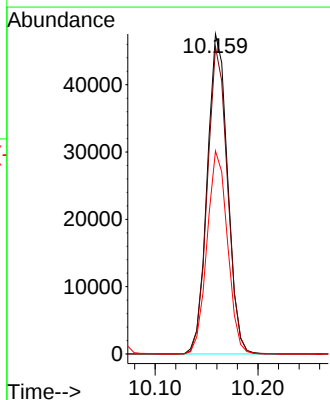
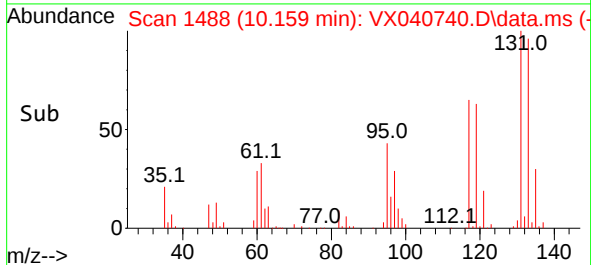
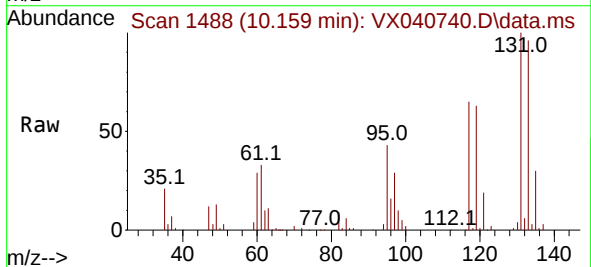
Manual Integrations
APPROVED

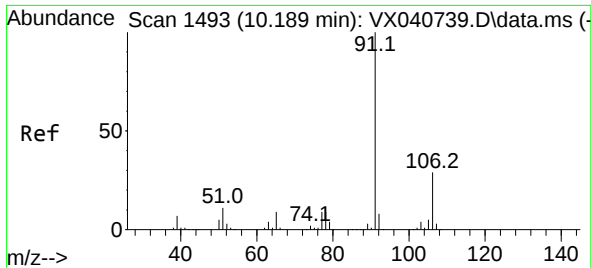
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 120.290 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

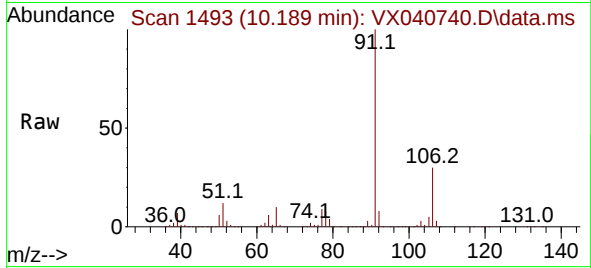
Tgt Ion:131 Resp: 65321
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 63.6 32.2 96.6





#67
Ethyl Benzene
Concen: 117.011 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

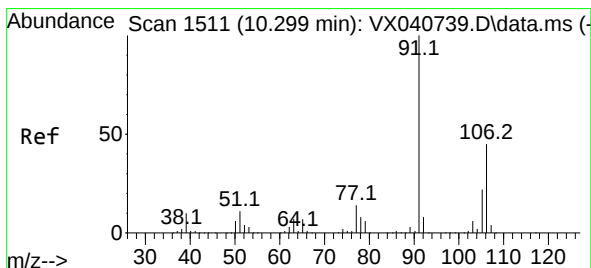
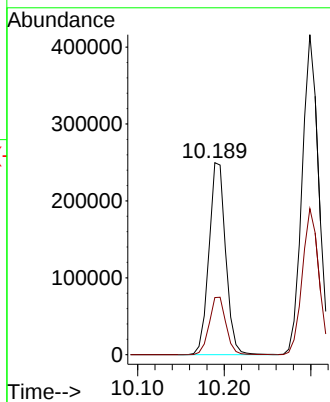
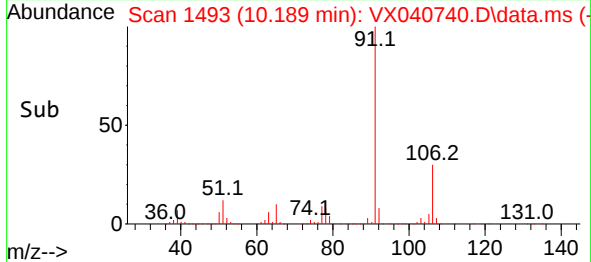
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



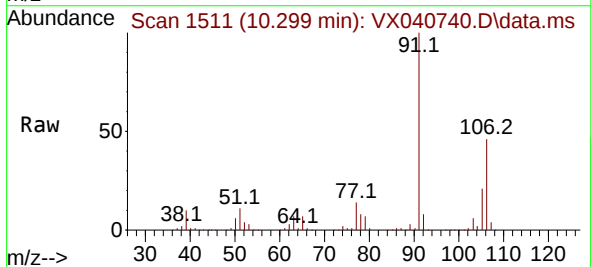
Tgt Ion: 91 Resp: 33440
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

Manual Integrations
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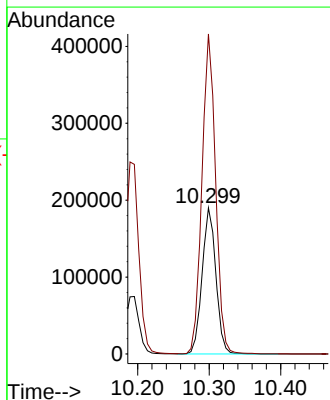
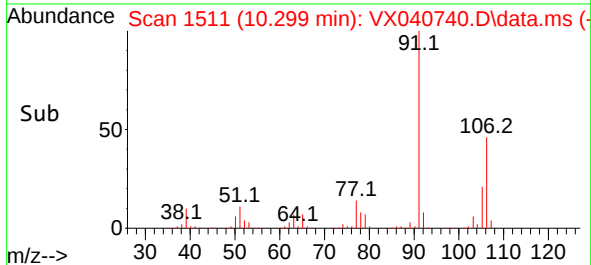
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

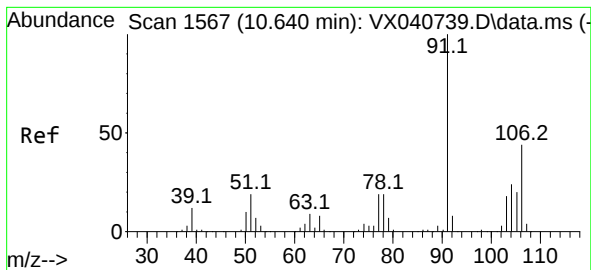


#68
m/p-Xylenes
Concen: 242.963 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51



Tgt Ion:106 Resp: 254219
Ion Ratio Lower Upper
106 100
91 217.5 165.5 248.3





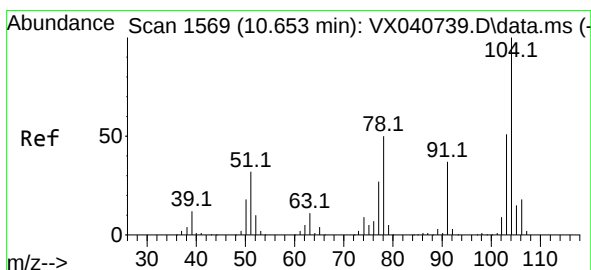
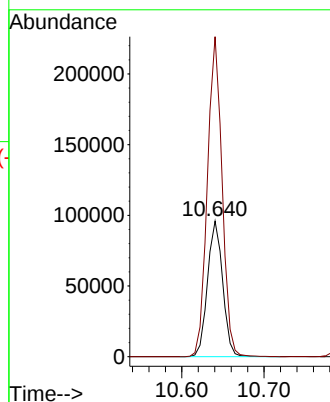
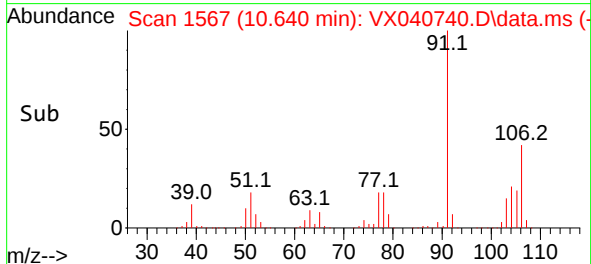
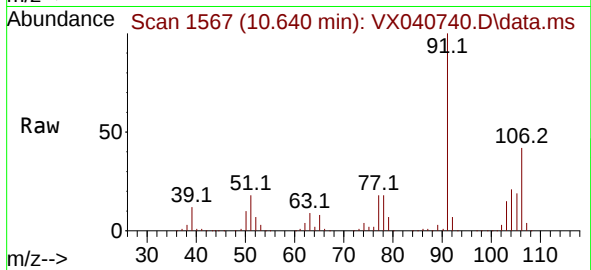
#69
o-Xylene
Concen: 122.155 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 12278
Ion Ratio Lower Upper
106 100
91 229.2 108.9 326.8

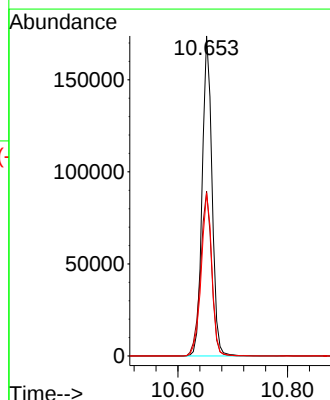
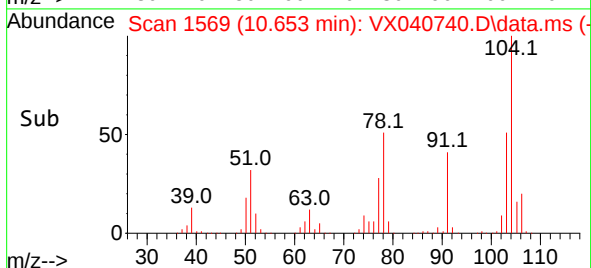
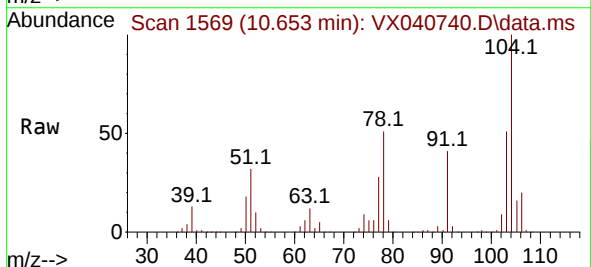
Manual Integrations
APPROVED

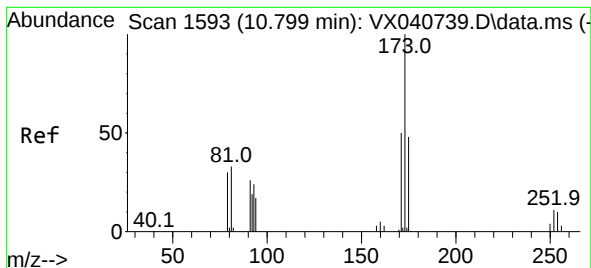
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#70
Styrene
Concen: 128.645 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion:104 Resp: 216471
Ion Ratio Lower Upper
104 100
78 57.8 43.6 65.4
103 55.4 43.6 65.4





#71

Bromoform

Concen: 132.065 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

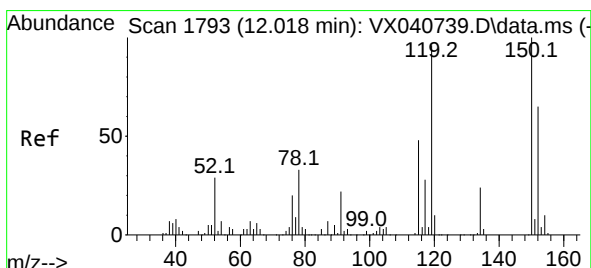
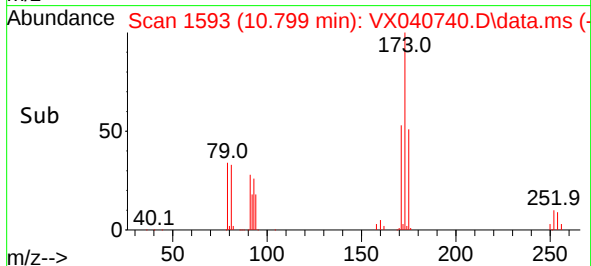
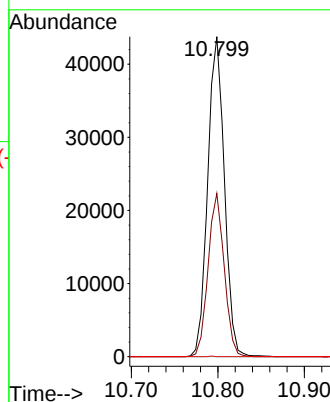
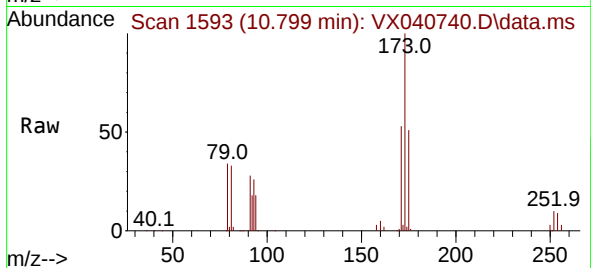
Tgt Ion:	173	Resp:	58574
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

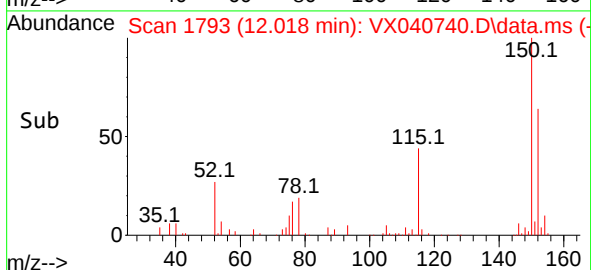
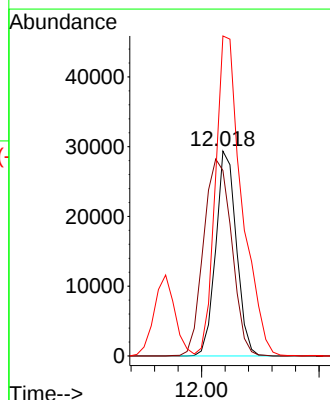
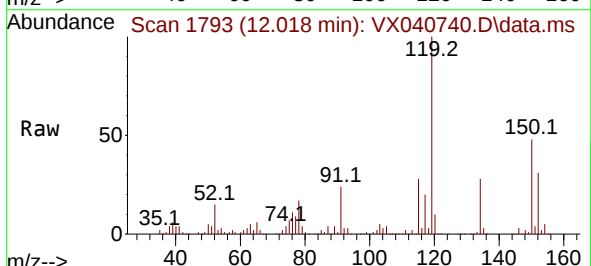
RT: 12.018 min Scan# 1793

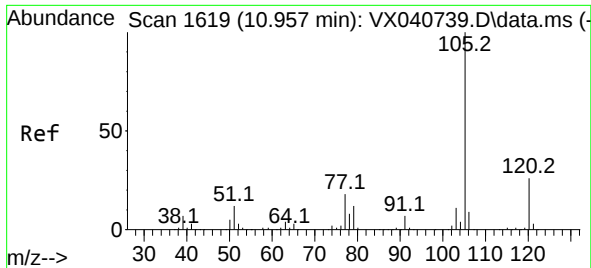
Delta R.T. 0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Tgt Ion:	152	Resp:	35805
Ion Ratio	Lower	Upper	
152	100		
115	130.8	43.3	129.9
150	200.6	0.0	345.0





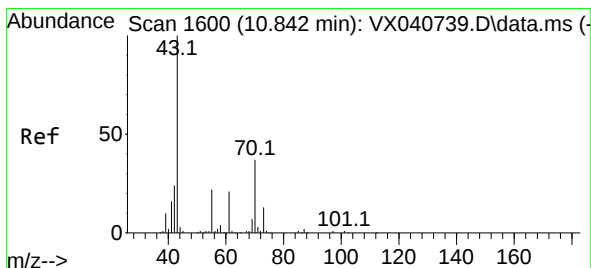
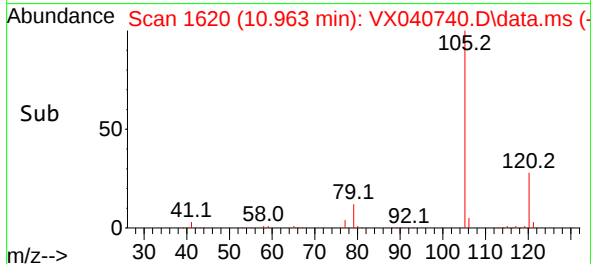
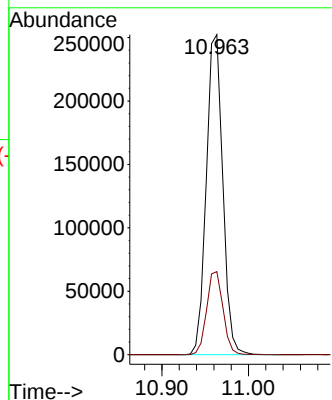
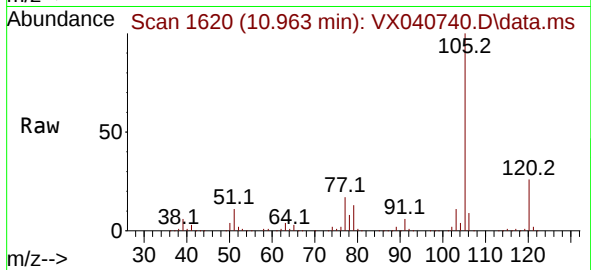
#73
Isopropylbenzene
Concen: 122.627 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 333148
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

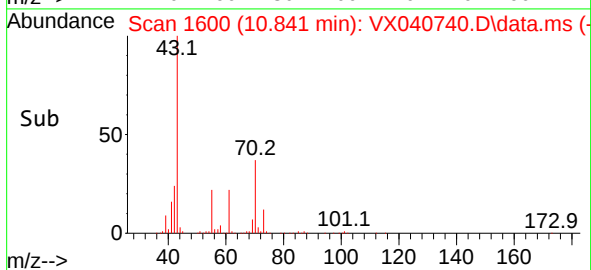
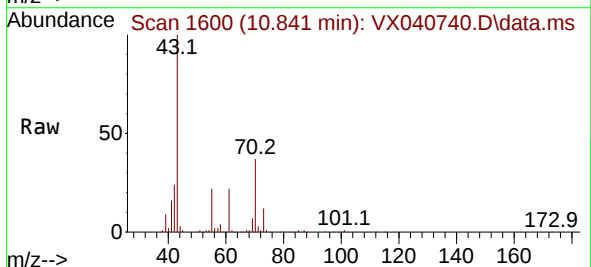
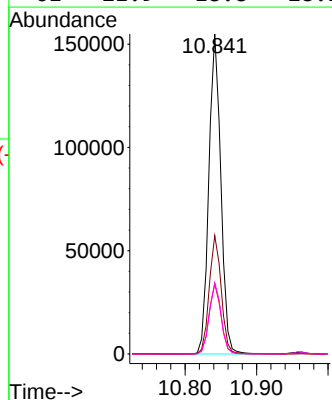
Manual Integrations
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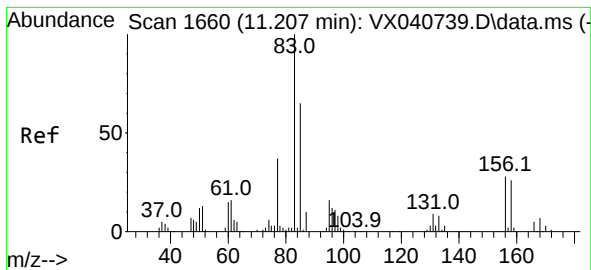
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#74
N-ethyl acetate
Concen: 134.593 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

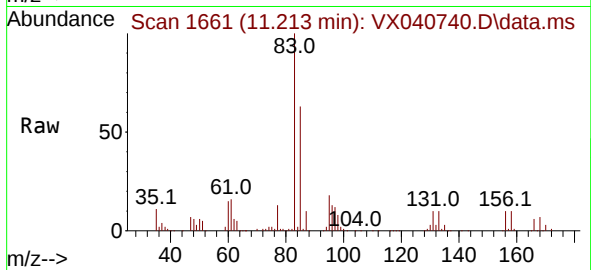
Tgt Ion: 43 Resp: 180034
Ion Ratio Lower Upper
43 100
70 37.1 32.9 49.3
55 22.0 19.3 28.9
61 21.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 121.673 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

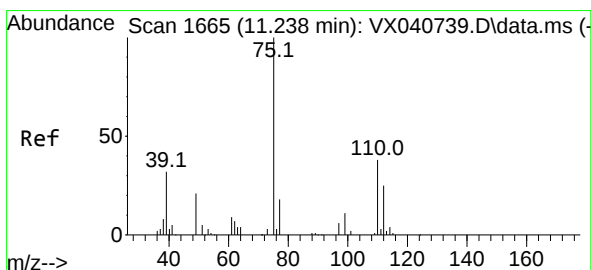
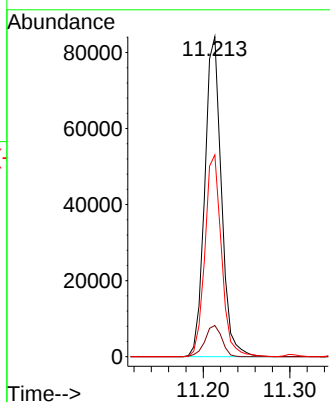
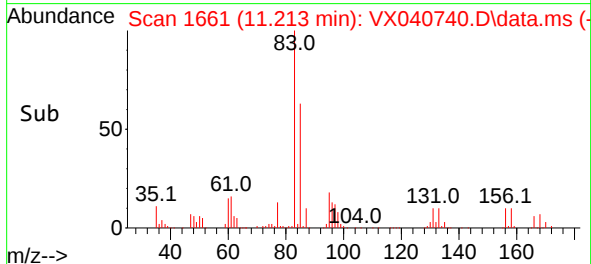
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



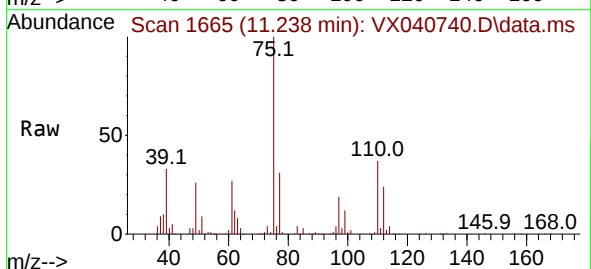
Tgt Ion: 83 Resp: 11190
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 63.2 32.0 96.2

Manual Integrations
APPROVED

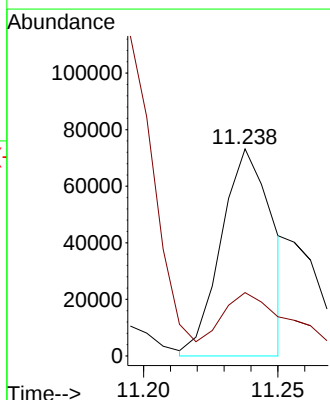
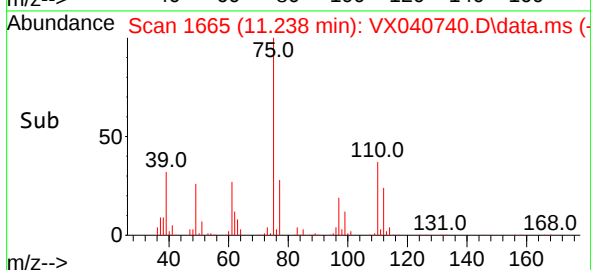
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

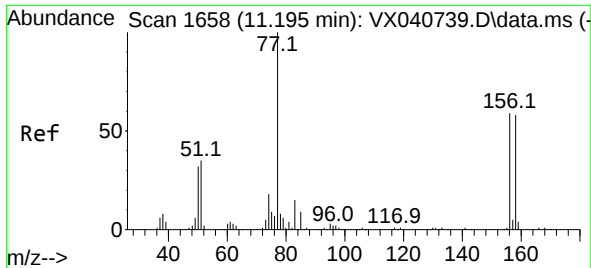


#76
1,2,3-Trichloropropane
Concen: 124.772 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51



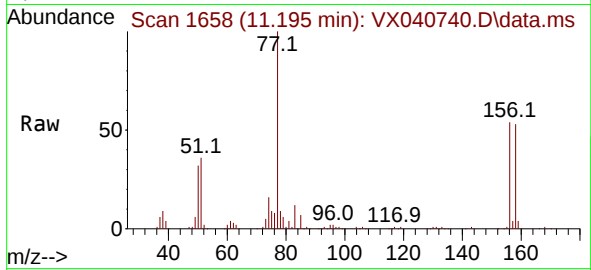
Tgt Ion: 75 Resp: 96415
Ion Ratio Lower Upper
75 100
77 43.1 19.1 57.5





#77
Bromobenzene
Concen: 120.621 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

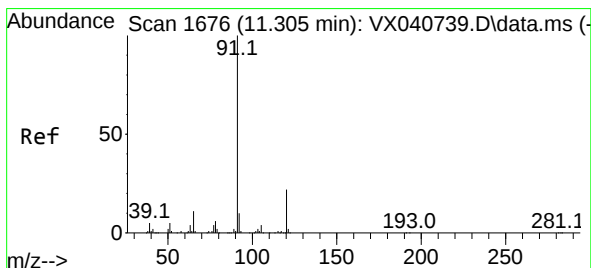
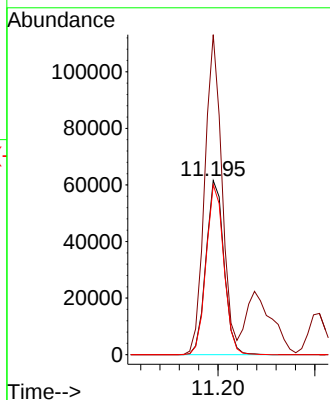
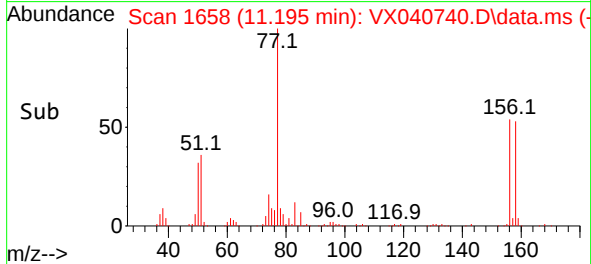
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



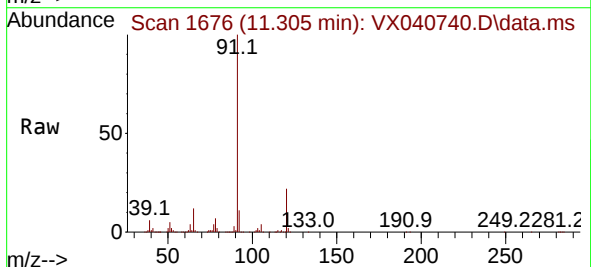
Tgt Ion:156 Resp: 79320
Ion Ratio Lower Upper
156 100
77 177.0 88.4 265.3
158 96.7 48.0 144.0

Manual Integrations
APPROVED

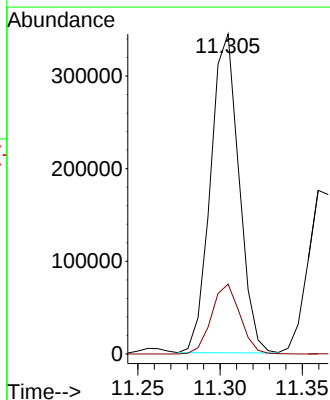
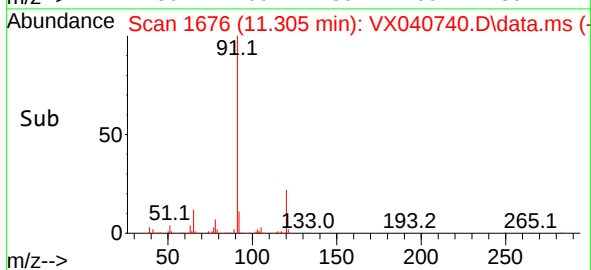
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

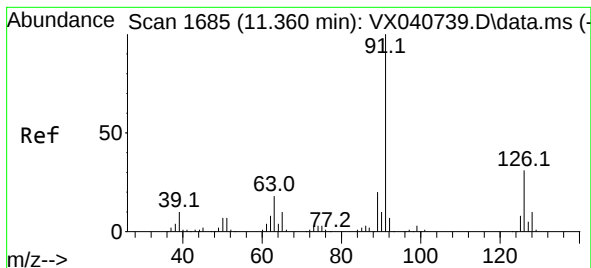


#78
n-propylbenzene
Concen: 123.714 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51



Tgt Ion: 91 Resp: 414416
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 118.404 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 228859

Ion Ratio Lower Upper

91 100

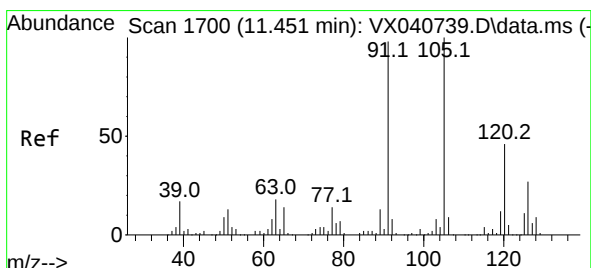
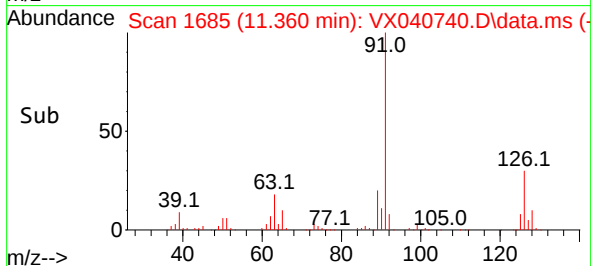
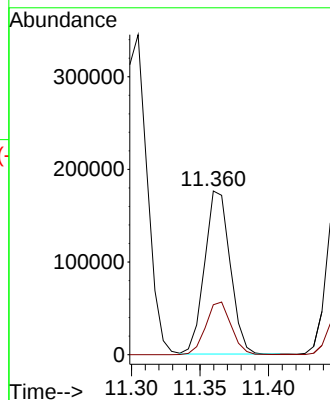
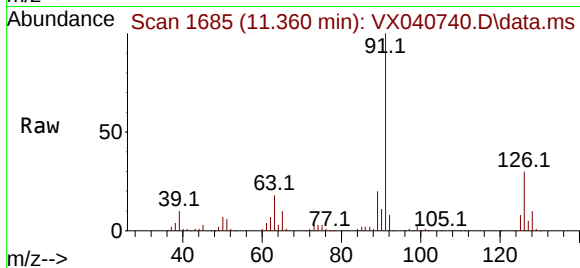
126 32.2 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#80

1,3,5-Trimethylbenzene

Concen: 118.456 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040740.D

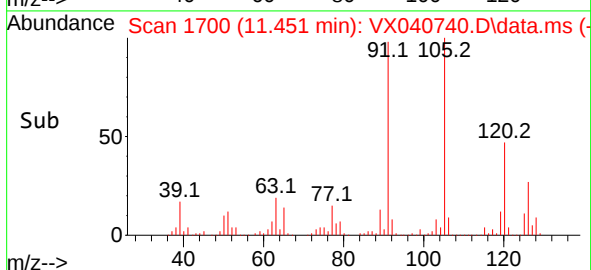
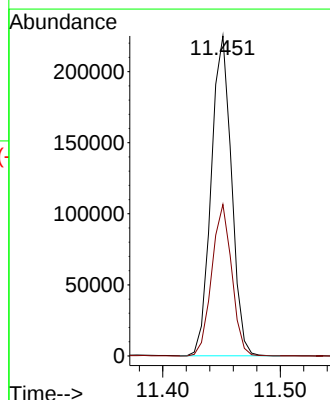
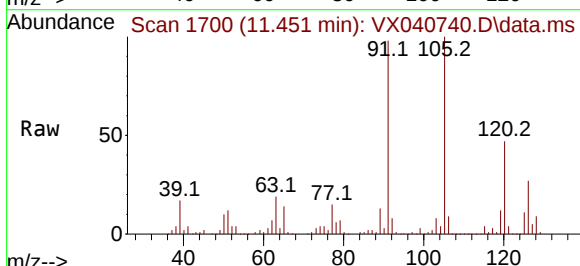
Acq: 21 Mar 2024 11:51

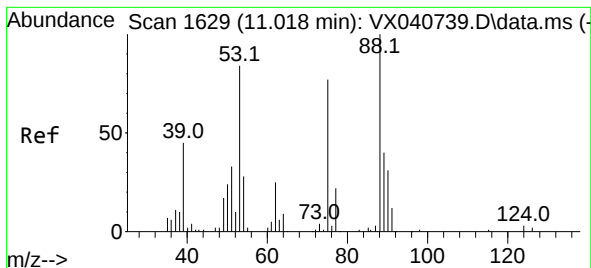
Tgt Ion:105 Resp: 269786

Ion Ratio Lower Upper

105 100

120 46.6 24.1 72.3





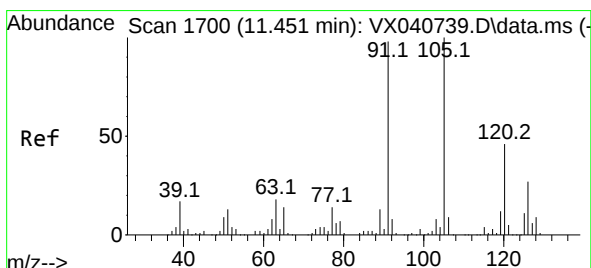
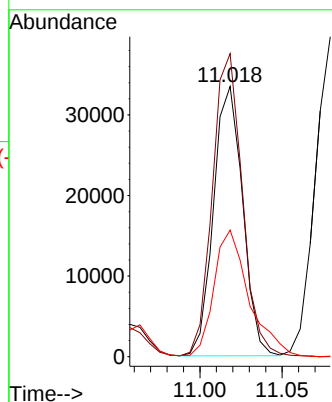
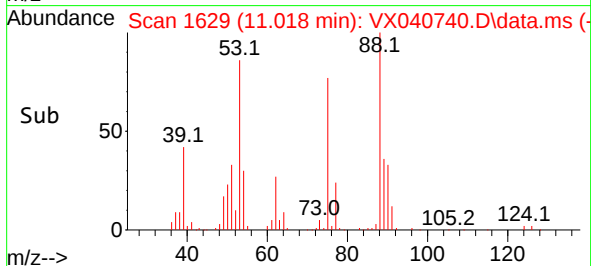
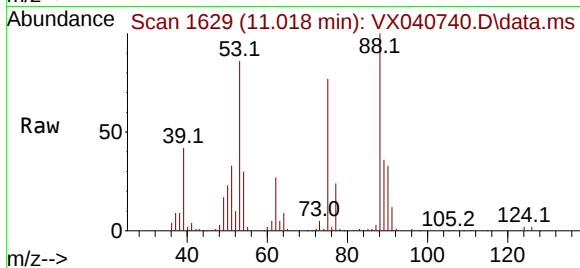
#81
trans-1,4-Dichloro-2-butene
Concen: 135.269 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 41170
Ion Ratio Lower Upper
75 100
53 116.0 90.5 135.7
89 57.0 36.9 55.3

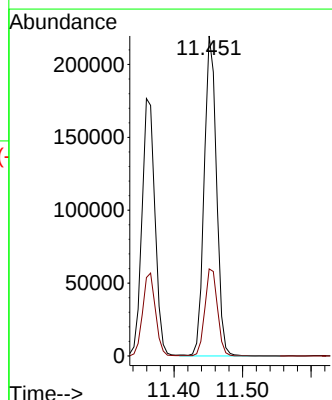
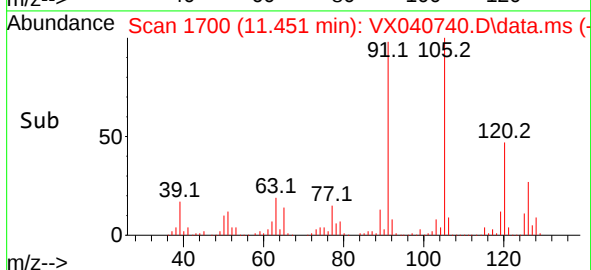
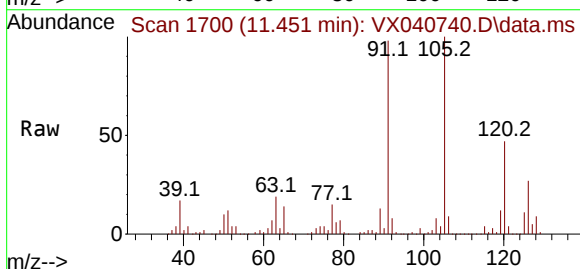
Manual Integrations
APPROVED

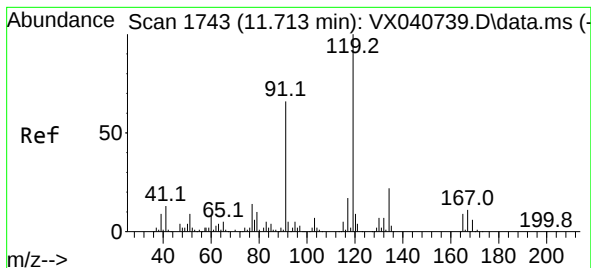
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#82
4-Chlorotoluene
Concen: 113.535 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

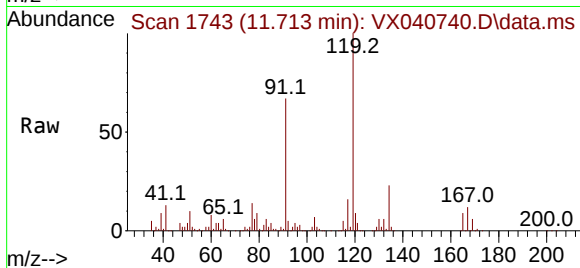
Tgt Ion: 91 Resp: 275244
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 108.777 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

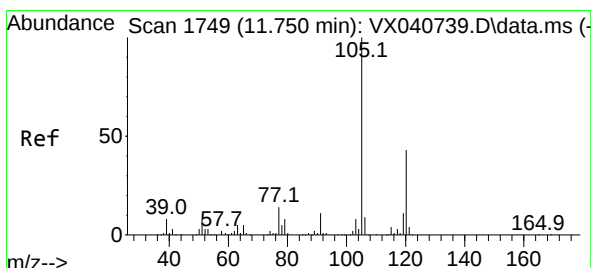
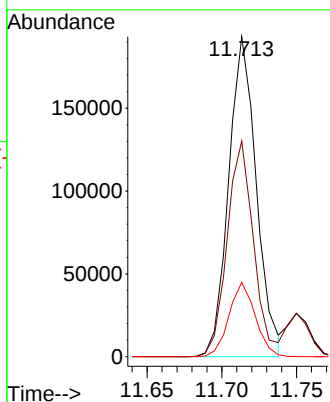
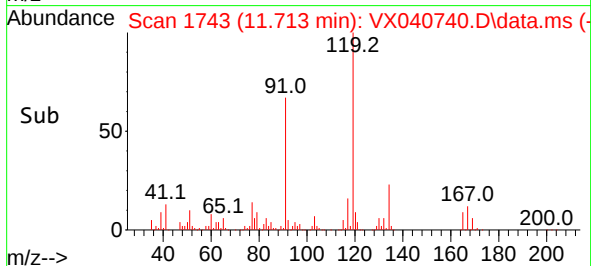
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



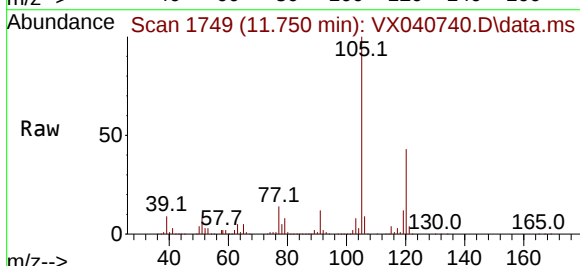
Tgt Ion:119 Resp: 248478
Ion Ratio Lower Upper
119 100
91 64.4 31.2 93.6
134 22.1 11.7 35.0

Manual Integrations
APPROVED

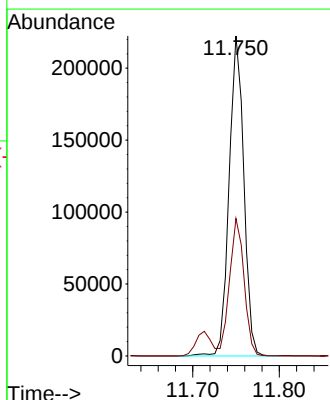
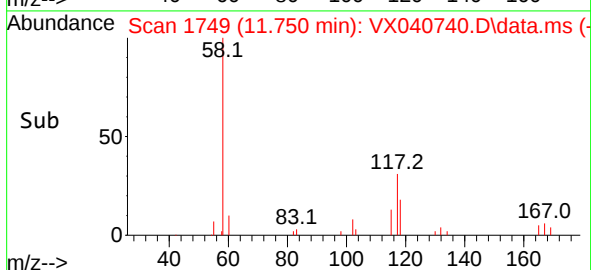
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

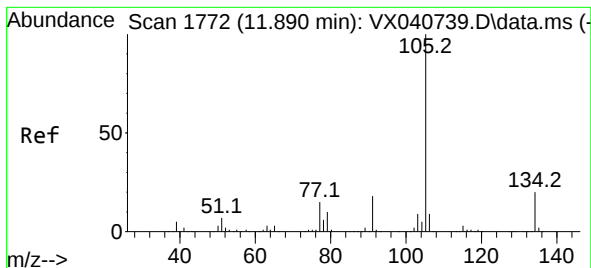


#84
1,2,4-Trimethylbenzene
Concen: 114.426 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51



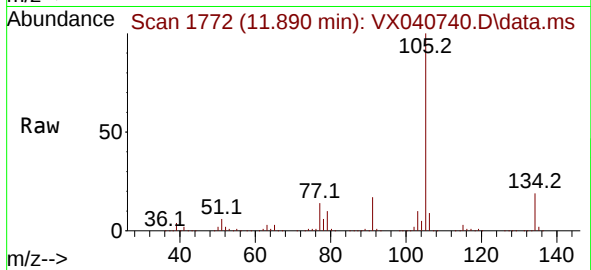
Tgt Ion:105 Resp: 262291
Ion Ratio Lower Upper
105 100
120 42.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 114.833 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040740.D
 Acq: 21 Mar 2024 11:51

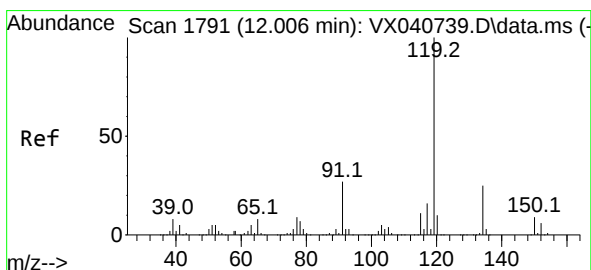
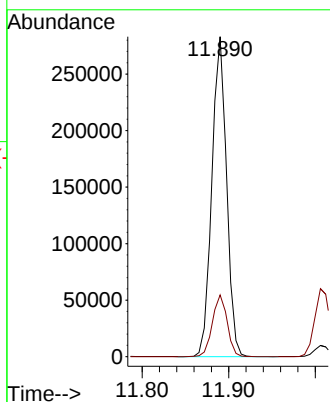
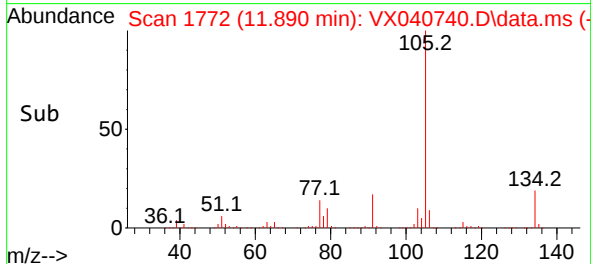
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



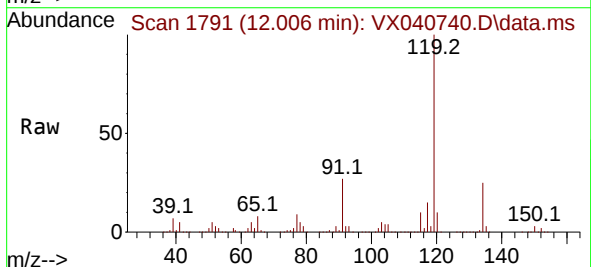
Tgt Ion:105 Resp: 333569
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
 APPROVED

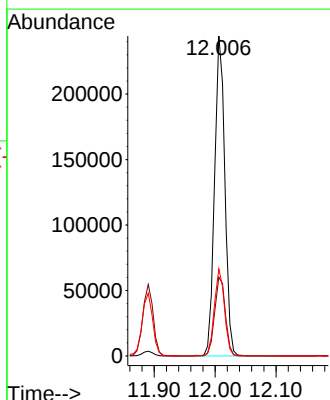
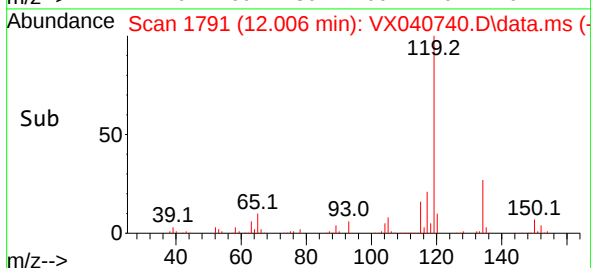
Reviewed By :John Carlone 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024

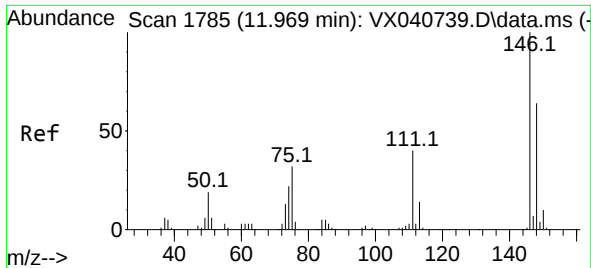


#86
 p-Isopropyltoluene
 Concen: 118.760 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040740.D
 Acq: 21 Mar 2024 11:51



Tgt Ion:119 Resp: 286061
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 26.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 112.129 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 140809

Ion Ratio Lower Upper

146 100

111 42.1 22.1 66.1

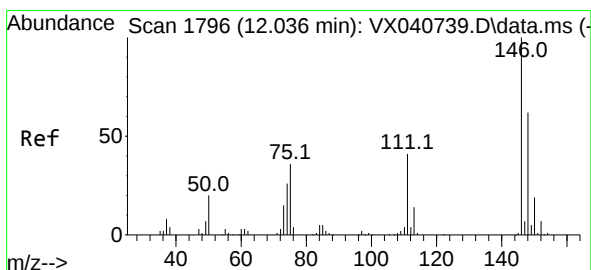
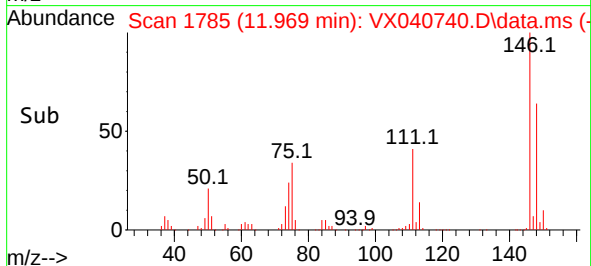
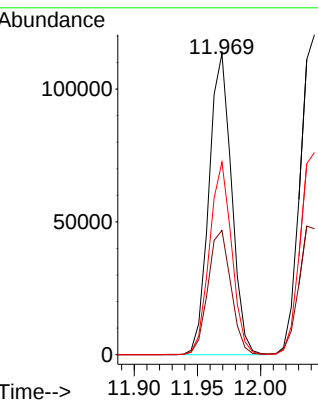
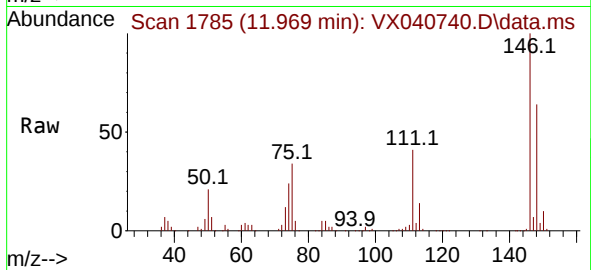
148 63.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#88

1,4-Dichlorobenzene

Concen: 110.364 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

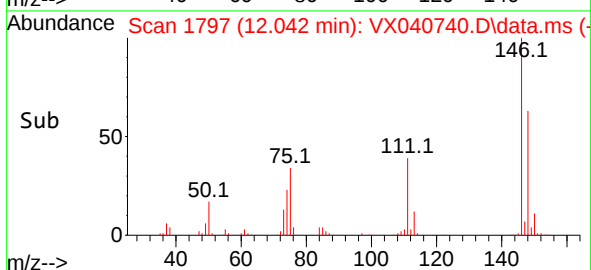
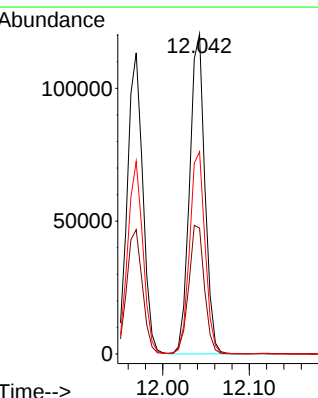
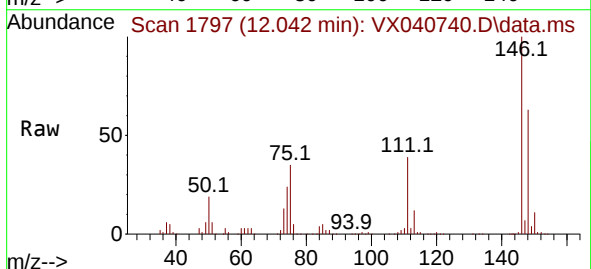
Tgt Ion:146 Resp: 147187

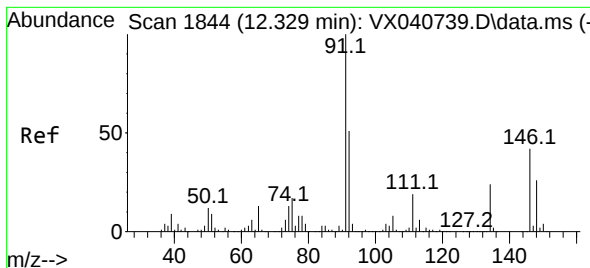
Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.7

148 64.1 31.8 95.4





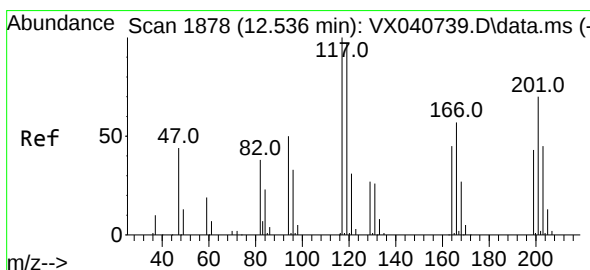
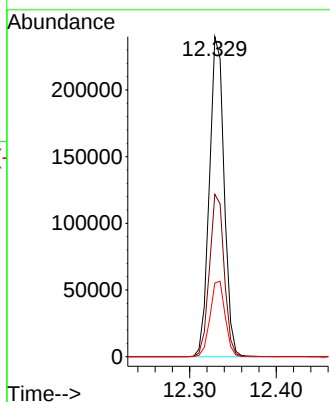
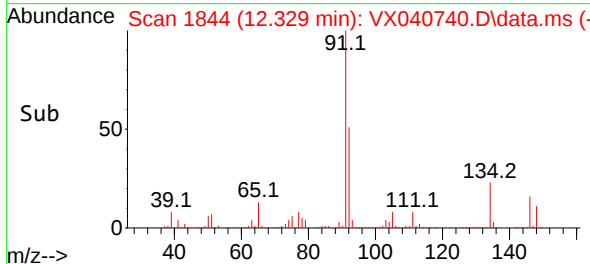
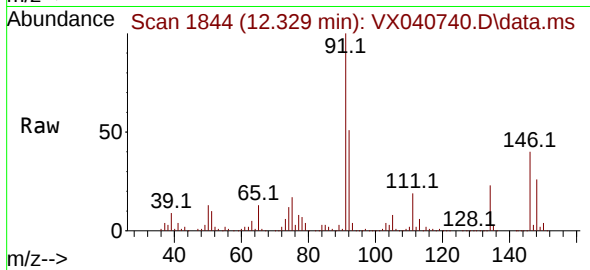
#89
n-Butylbenzene
Concen: 116.611 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 283240
Ion Ratio Lower Upper
91 100
92 50.7 27.4 82.0
134 24.1 12.6 37.8

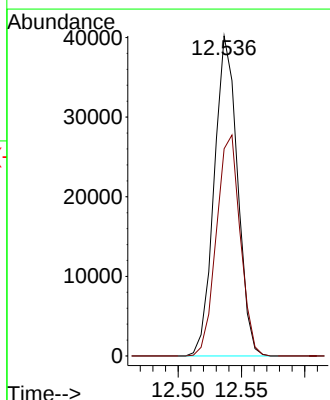
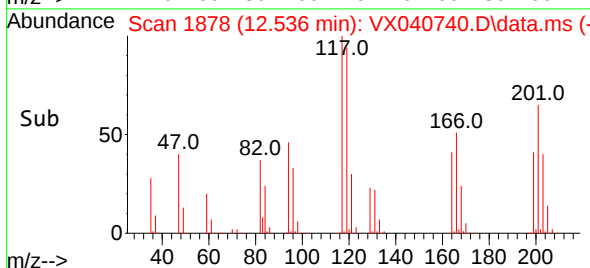
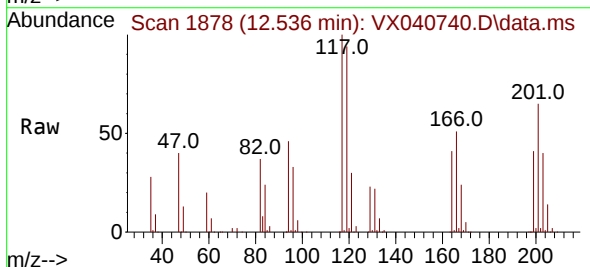
Manual Integrations
APPROVED

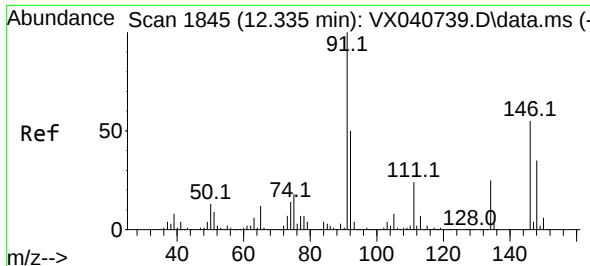
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#90
Hexachloroethane
Concen: 122.479 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

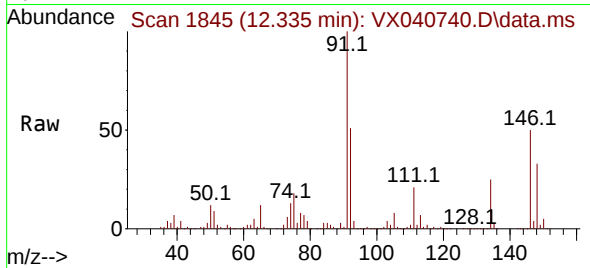
Tgt Ion:117 Resp: 51371
Ion Ratio Lower Upper
117 100
201 70.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 112.528 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

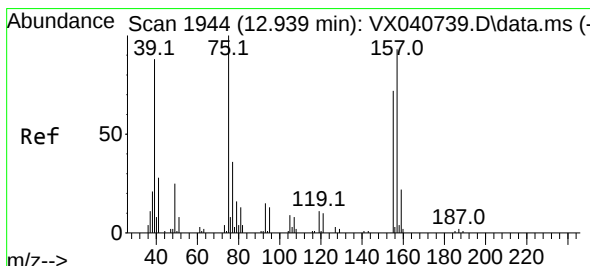
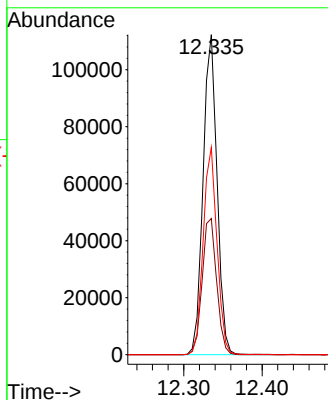
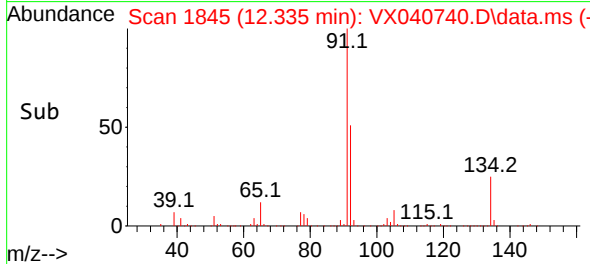
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 13883
Ion Ratio Lower Upper
146 100
111 44.0 22.4 67.0
148 64.0 31.6 95.0

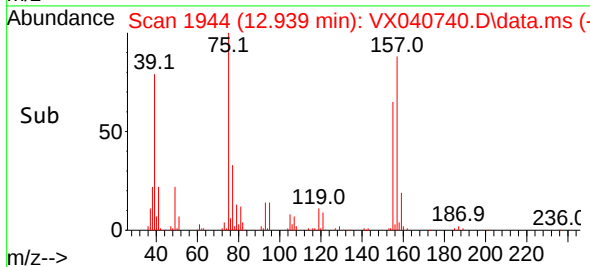
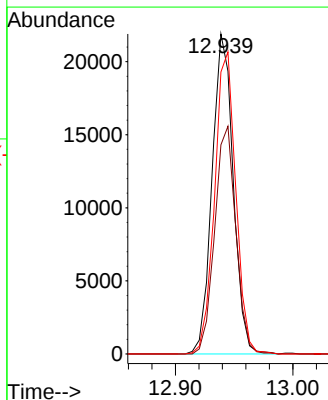
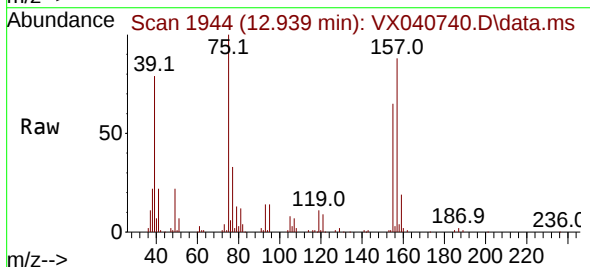
Manual Integrations
APPROVED

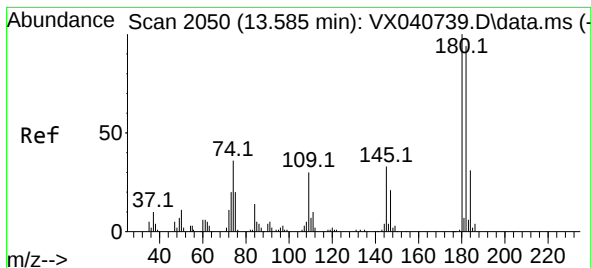
Reviewed By :John Carbone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 119.186 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040740.D
Acq: 21 Mar 2024 11:51

Tgt Ion: 75 Resp: 27370
Ion Ratio Lower Upper
75 100
155 71.3 36.1 108.5
157 94.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 118.198 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

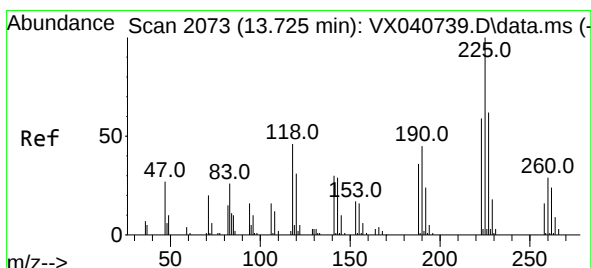
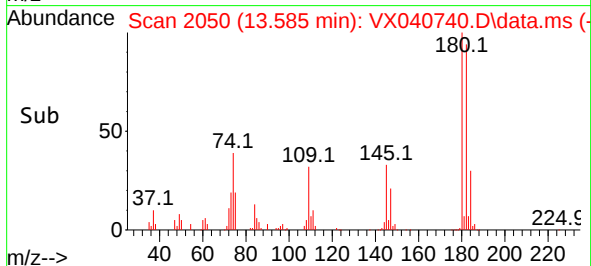
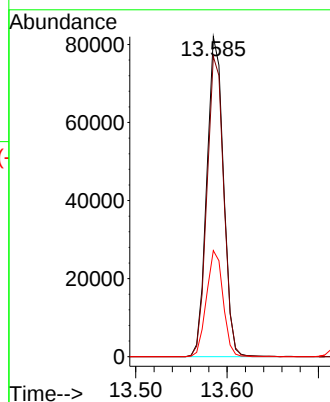
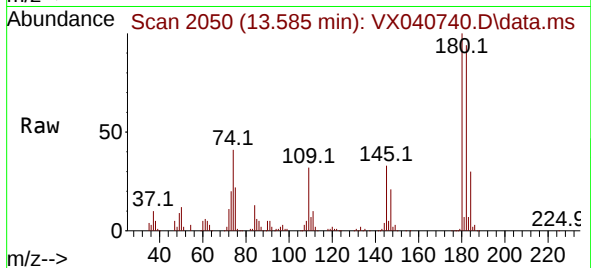
Tgt Ion:180	Resp: 10364
Ion Ratio	Lower Upper
180 100	
182 94.6	48.3 144.8
145 32.9	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#94

Hexachlorobutadiene

Concen: 115.451 ug/l

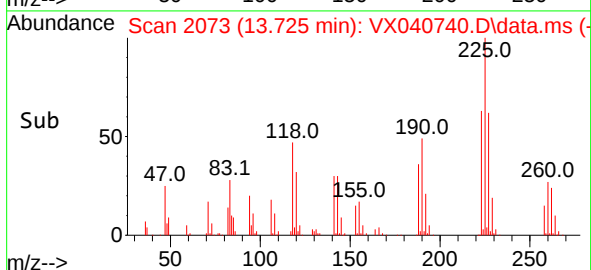
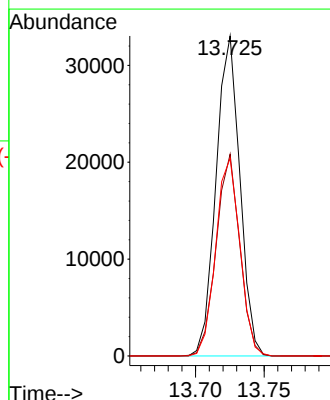
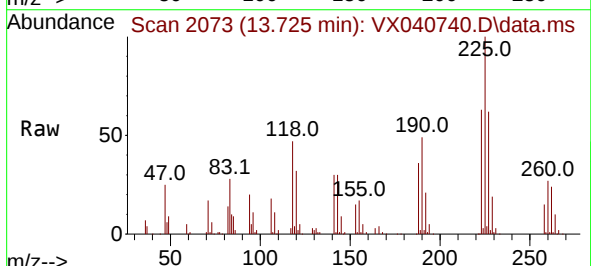
RT: 13.725 min Scan# 2073

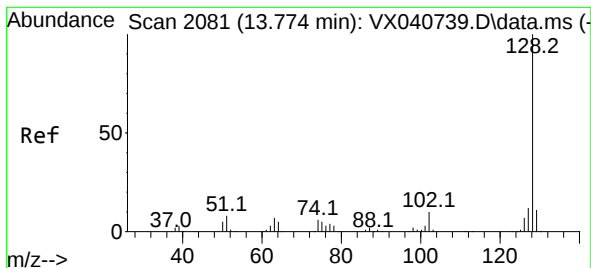
Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Tgt Ion:225	Resp: 39902
Ion Ratio	Lower Upper
225 100	
223 62.4	31.1 93.2
227 62.7	32.5 97.5





#95

Naphthalene

Concen: 124.523 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 34544

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

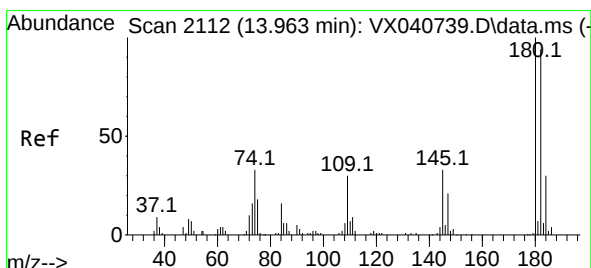
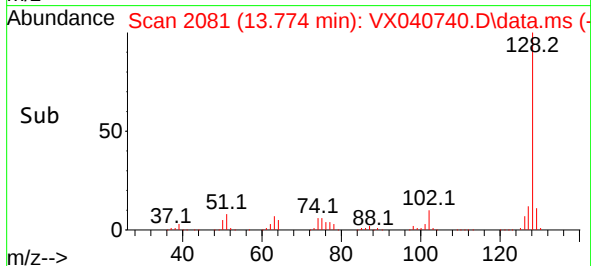
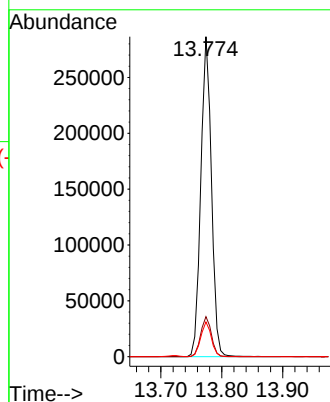
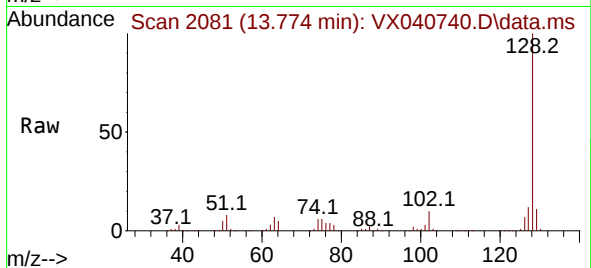
129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 117.276 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Tgt Ion:180 Resp: 101032

Ion Ratio Lower Upper

180 100

182 96.1 46.9 140.6

145 33.6 17.8 53.5

