

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037707.D
 Acq On : 13 Sep 2023 20:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2023
 Supervised By : Mahesh Dadoda 09/14/2023

Quant Time: Sep 14 02:26:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	221932	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	373991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158007	44.005	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.000%		
35) Dibromofluoromethane	5.385	113	134024	50.558	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.120%		
50) Toluene-d8	8.653	98	491605	49.172	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.340%		
62) 4-Bromofluorobenzene	11.079	95	180338	49.998	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	106028	43.575	ug/l	99
3) Chloromethane	1.300	50	115255	41.579	ug/l	99
4) Vinyl Chloride	1.374	62	134126	43.013	ug/l	96
5) Bromomethane	1.599	94	96945	37.168	ug/l	96
6) Chloroethane	1.678	64	95328	44.463	ug/l	98
7) Trichlorofluoromethane	1.880	101	226765	43.954	ug/l	99
8) Diethyl Ether	2.136	74	87797	42.880	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	107688	46.564	ug/l	98
10) Methyl Iodide	2.453	142	140759	51.538	ug/l	94
11) Tert butyl alcohol	2.965	59	186338	250.729	ug/l	# 94
12) 1,1-Dichloroethene	2.319	96	105318	46.125	ug/l	86
13) Acrolein	2.239	56	136045	231.894	ug/l	100
14) Allyl chloride	2.660	41	176996	44.250	ug/l	# 96
15) Acrylonitrile	3.062	53	376723	228.773	ug/l	99
16) Acetone	2.380	43	313612	216.036	ug/l	92
17) Carbon Disulfide	2.508	76	243245	41.907	ug/l	100
18) Methyl Acetate	2.703	43	280922	45.824	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	414169	45.947	ug/l	99
20) Methylene Chloride	2.788	84	134777	47.965	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	119636	45.542	ug/l	89
22) Diisopropyl ether	3.763	45	398364	45.715	ug/l	87
23) Vinyl Acetate	3.721	43	1487241	233.988	ug/l	96
24) 1,1-Dichloroethane	3.611	63	231872	45.662	ug/l	99
25) 2-Butanone	4.556	43	518028	218.854	ug/l	93
26) 2,2-Dichloropropane	4.477	77	151544	42.902	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	148512	46.360	ug/l	89
28) Bromochloromethane	4.897	49	100345	39.113	ug/l	85
29) Tetrahydrofuran	5.007	42	339086	224.958	ug/l	90
30) Chloroform	5.099	83	251724	45.901	ug/l	98
31) Cyclohexane	5.470	56	183982	44.496	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	216180	47.363	ug/l	98
36) 1,1-Dichloropropene	5.690	75	166156	46.075	ug/l	96
37) Ethyl Acetate	4.714	43	201109	48.738	ug/l	97
38) Carbon Tetrachloride	5.678	117	182207	49.458	ug/l	96
39) Methylcyclohexane	7.385	83	203540	47.698	ug/l	92
40) Benzene	6.037	78	529306	48.416	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	105551	48.564	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	195557	45.766	ug/l	97
43) Isopropyl Acetate	6.342	43	322303	48.961	ug/l	96
44) Trichloroethene	7.129	130	135318	49.541	ug/l	100
45) 1,2-Dichloropropane	7.434	63	141696	49.113	ug/l	100
46) Dibromomethane	7.580	93	103313	49.221	ug/l	95
47) Bromodichloromethane	7.824	83	192606	50.831	ug/l	99
48) Methyl methacrylate	7.696	41	154089	48.423	ug/l #	87
49) 1,4-Dioxane	7.659	88	77527	983.347	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	1057758	244.705	ug/l	96
52) Toluene	8.720	92	342426	48.715	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	199911	52.039	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	213080	50.549	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	149408	50.478	ug/l	93
56) Ethyl methacrylate	9.116	69	229683	50.718	ug/l	92
57) 1,3-Dichloropropane	9.311	76	240663	48.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	560917	255.446	ug/l	99
59) 2-Hexanone	9.433	43	808796	242.402	ug/l	94
60) Dibromochloromethane	9.525	129	152993	52.623	ug/l	100
61) 1,2-Dibromoethane	9.610	107	159552	50.149	ug/l	99
64) Tetrachloroethene	9.275	164	114108	49.108	ug/l	97
65) Chlorobenzene	10.079	112	374239	48.958	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	141301	53.635	ug/l	98
67) Ethyl Benzene	10.195	91	667555	49.072	ug/l	99
68) m/p-Xylenes	10.305	106	520467	100.341	ug/l	97
69) o-Xylene	10.640	106	257649	49.821	ug/l	99
70) Styrene	10.659	104	430494	51.023	ug/l	96
71) Bromoform	10.799	173	113220	54.922	ug/l #	100
73) Isopropylbenzene	10.963	105	675174	50.061	ug/l	98
74) N-amyl acetate	10.841	43	292789	49.784	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	241437	47.837	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	189393m	47.822	ug/l	
77) Bromobenzene	11.201	156	164935	51.604	ug/l	90
78) n-propylbenzene	11.305	91	772165	49.764	ug/l	100
79) 2-Chlorotoluene	11.366	91	466819	48.875	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	576209	50.835	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	66787	51.262	ug/l	89
82) 4-Chlorotoluene	11.457	91	530721	48.642	ug/l	97
83) tert-Butylbenzene	11.713	119	582373	51.144	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	576053	50.408	ug/l	98
85) sec-Butylbenzene	11.890	105	713912	50.783	ug/l	100
86) p-Isopropyltoluene	12.012	119	590743	51.282	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	303482	49.452	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	302386	47.944	ug/l	98
89) n-Butylbenzene	12.335	91	512106	49.084	ug/l	97
90) Hexachloroethane	12.536	117	103539	53.264	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	308854	50.302	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50746	48.967	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	181399	49.608	ug/l	98
94) Hexachlorobutadiene	13.725	225	81124	53.110	ug/l	99
95) Naphthalene	13.774	128	664176	50.143	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	189899	50.615	ug/l	98

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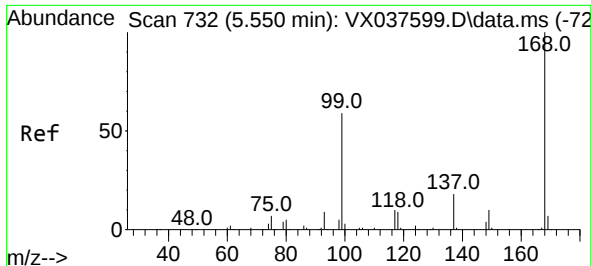
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

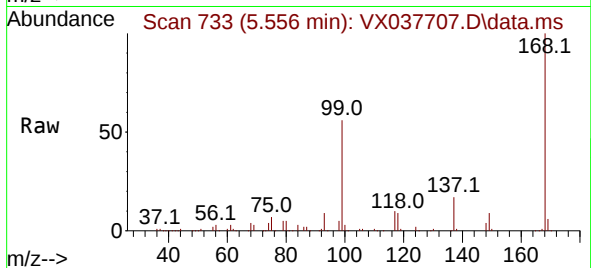
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

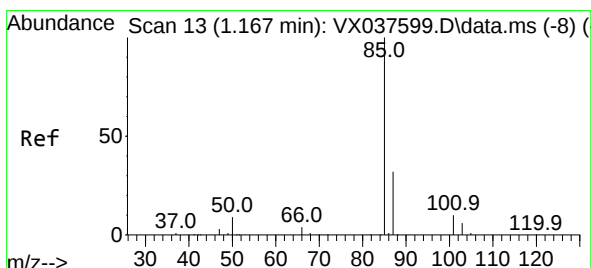
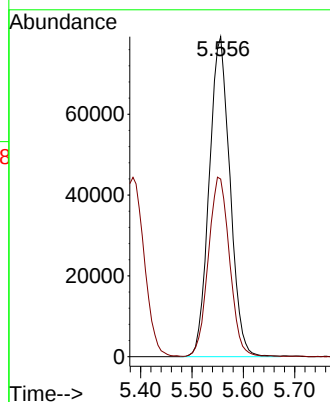
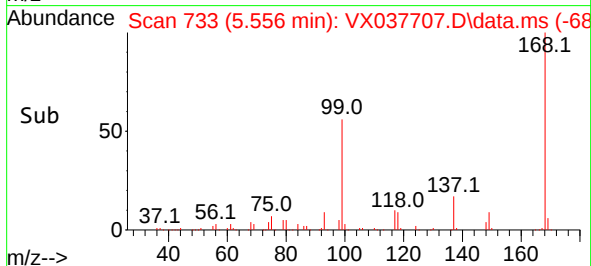
Instrument :
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Tgt Ion:168 Resp: 22193
Ion Ratio Lower Upper
168 100
99 55.4 56.6 85.0

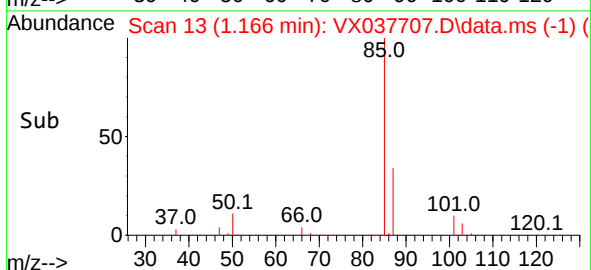
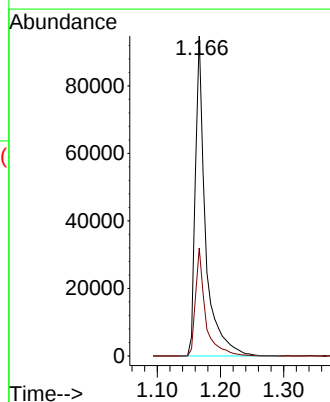
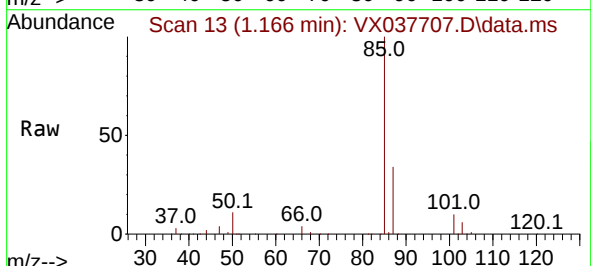
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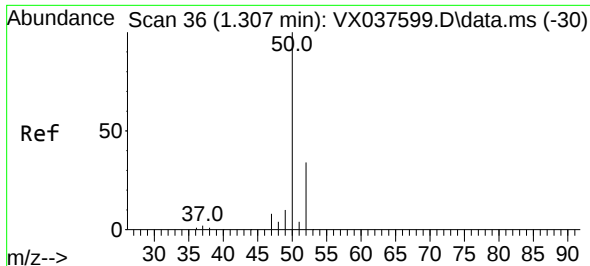
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#2
Dichlorodifluoromethane
Concen: 43.575 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Tgt Ion: 85 Resp: 106028
Ion Ratio Lower Upper
85 100
87 33.8 16.7 50.1





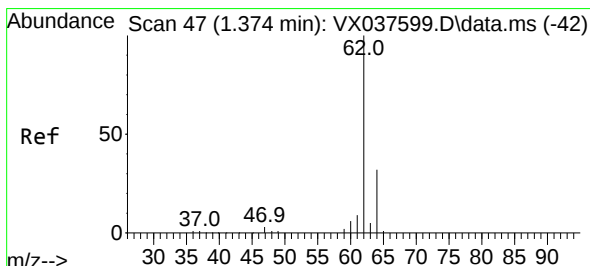
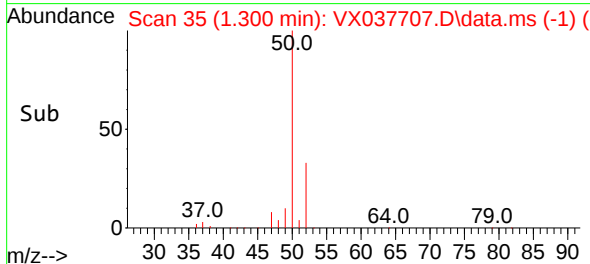
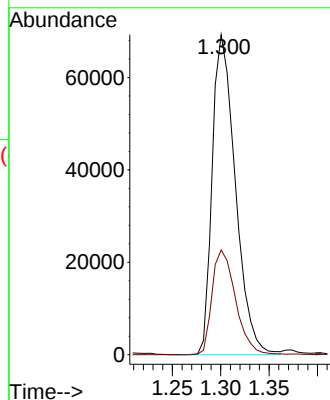
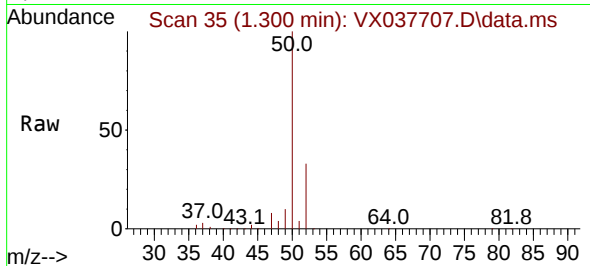
#3
Chloromethane
Concen: 41.579 ug/l
RT: 1.300 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 11525
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

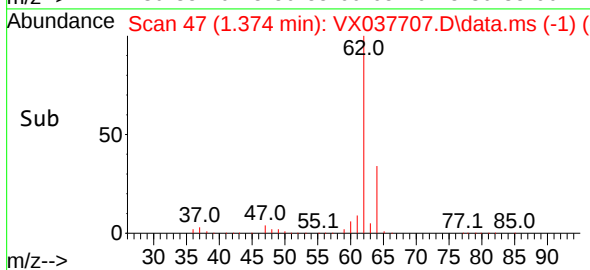
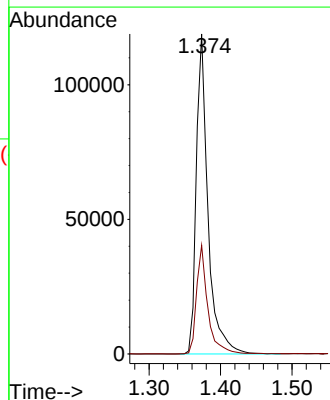
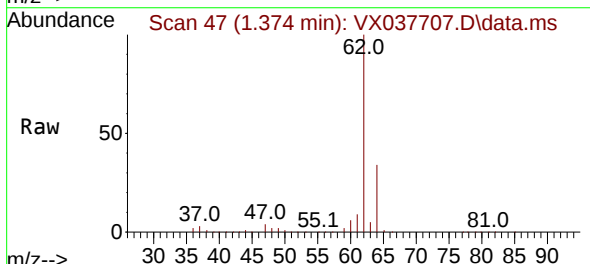
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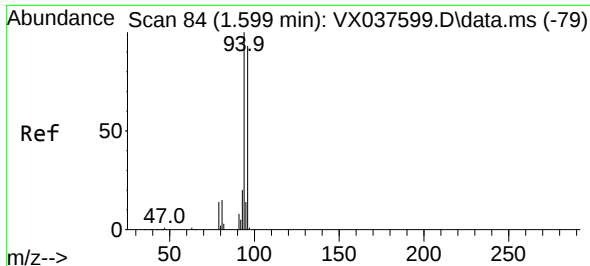
Reviewed By :John Carlone 09/14/2023
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#4
Vinyl Chloride
Concen: 43.013 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

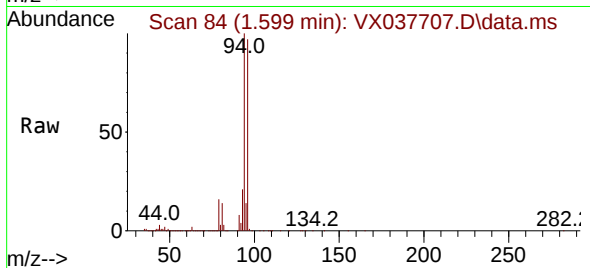
Tgt Ion: 62 Resp: 134126
Ion Ratio Lower Upper
62 100
64 33.9 25.4 38.0





#5
Bromomethane
Concen: 37.168 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

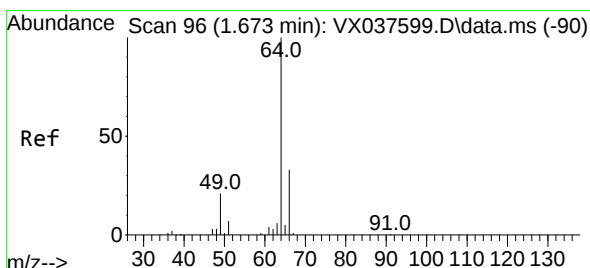
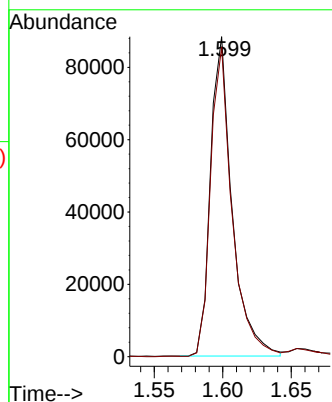
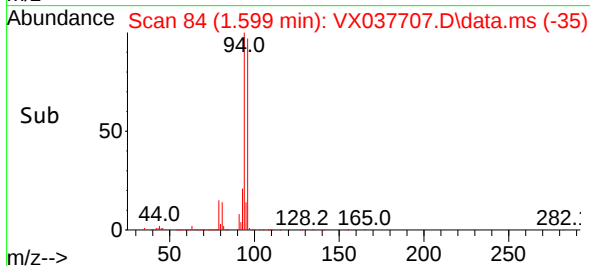
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Tgt Ion: 94 Resp: 9694
Ion Ratio Lower Upper
94 100
96 96.9 74.6 111.8

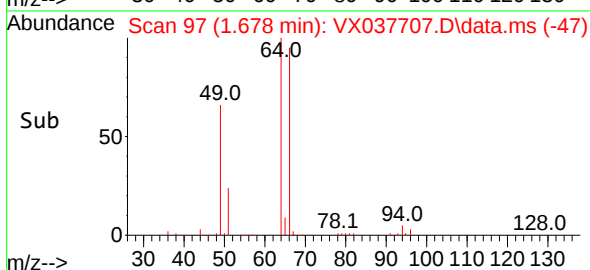
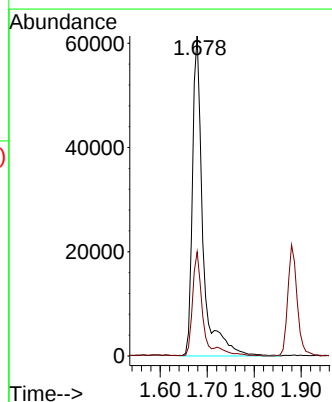
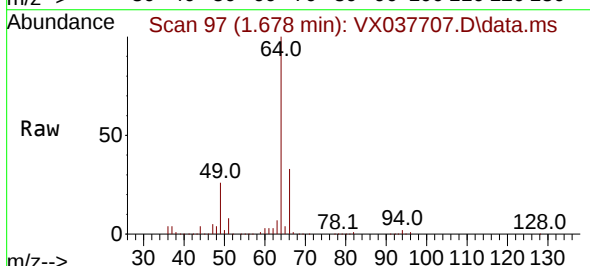
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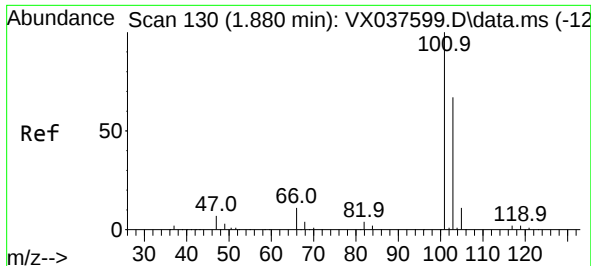
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#6
Chloroethane
Concen: 44.463 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.005 min
Lab File: VX037707.D
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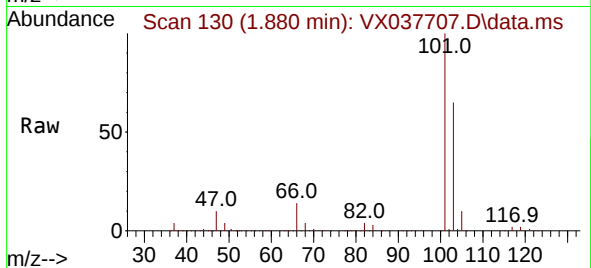
Tgt Ion: 64 Resp: 95328
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 43.954 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037707.D
 Acq: 13 Sep 2023 20:10

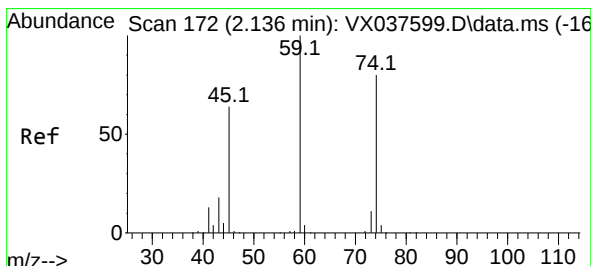
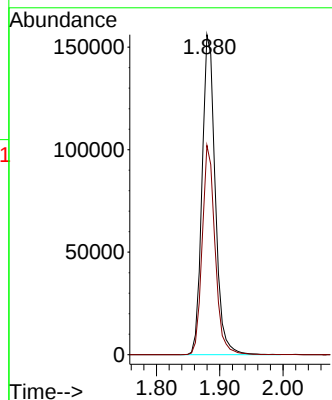
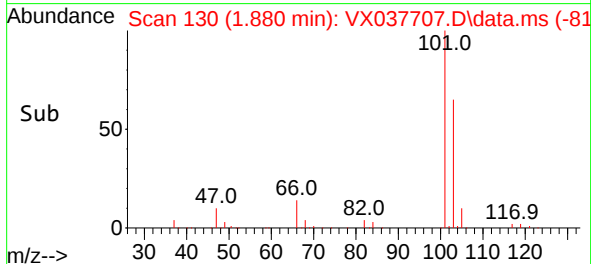
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 22676
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.2

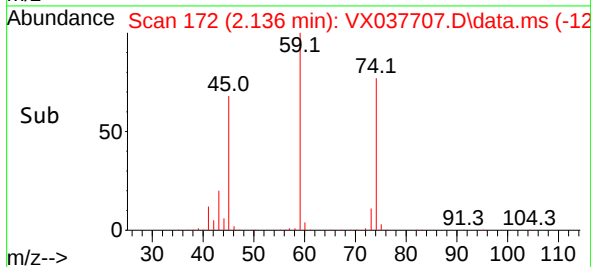
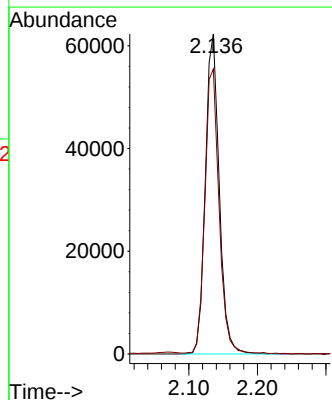
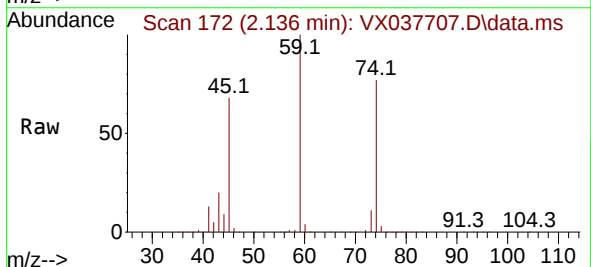
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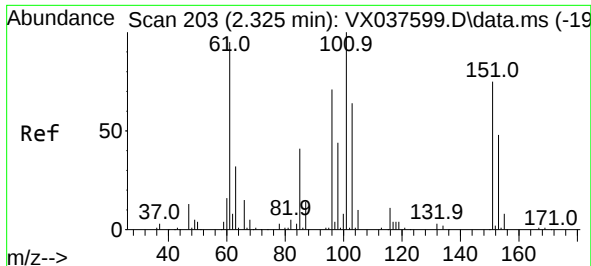
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#8
 Diethyl Ether
 Concen: 42.880 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX037707.D
 Acq: 13 Sep 2023 20:10

Tgt Ion: 74 Resp: 87797
 Ion Ratio Lower Upper
 74 100
 45 90.8 53.3 159.8





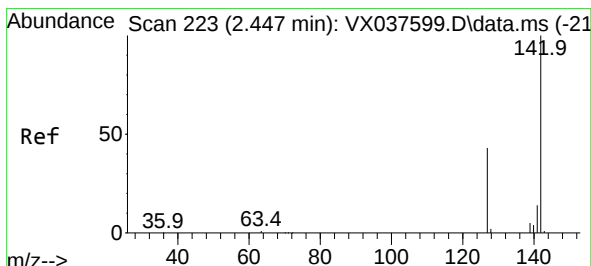
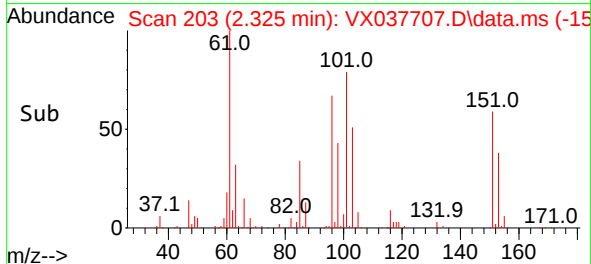
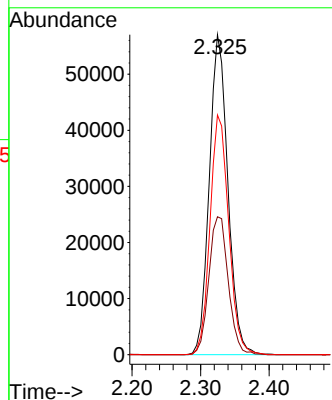
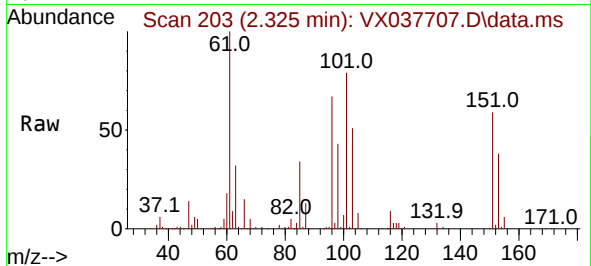
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.564 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 107688
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.6
151 75.4 58.6 87.8

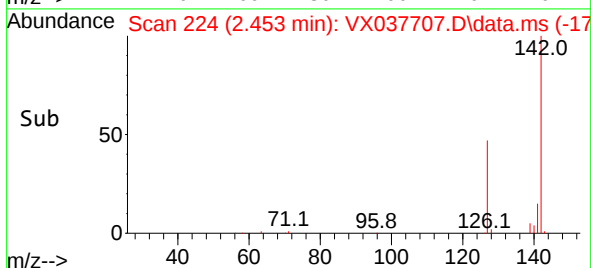
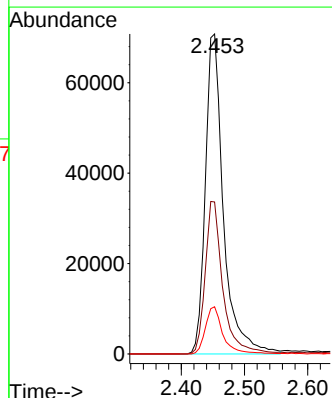
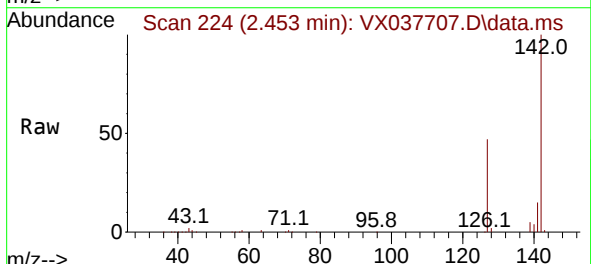
Manual Integrations
APPROVED

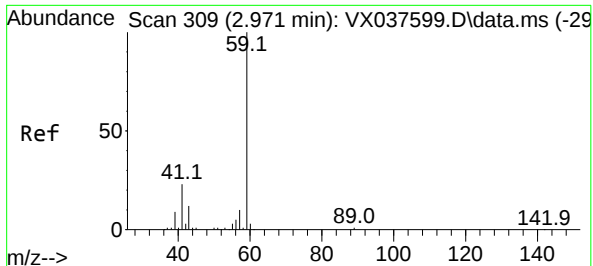
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#10
Methyl Iodide
Concen: 51.538 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Tgt Ion:142 Resp: 140759
Ion Ratio Lower Upper
142 100
127 46.5 41.6 62.4
141 14.4 11.6 17.4





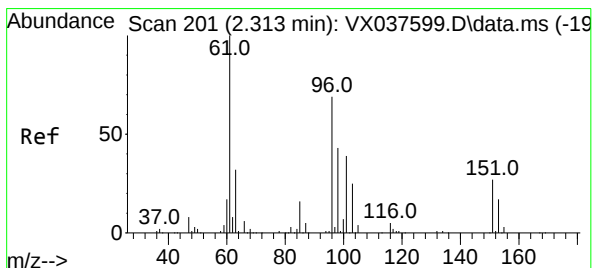
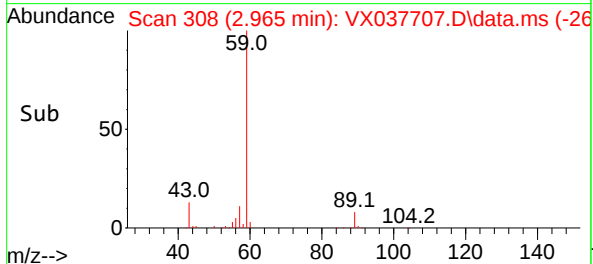
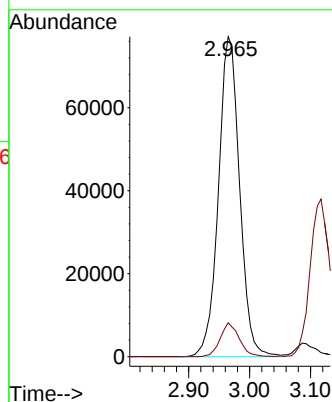
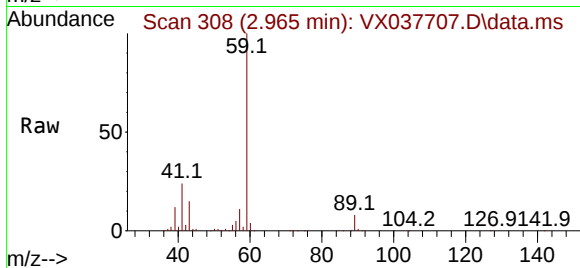
#11
Tert butyl alcohol
Concen: 250.729 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 186338
Ion Ratio Lower Upper
59 100
57 9.5 6.0 9.0

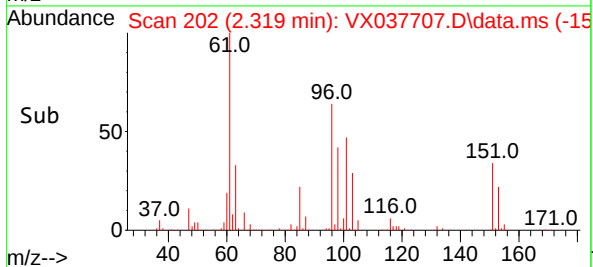
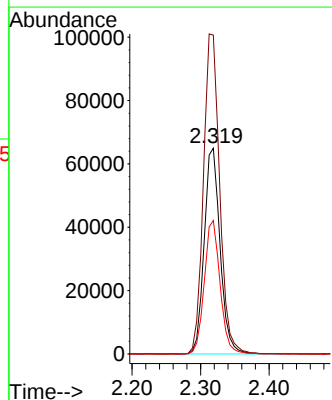
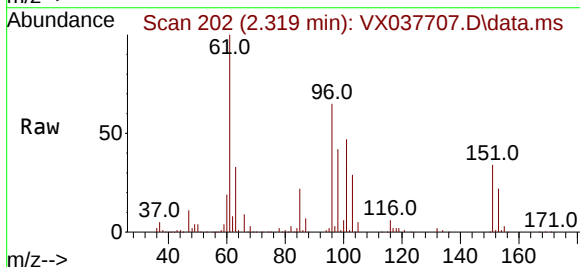
Manual Integrations
APPROVED

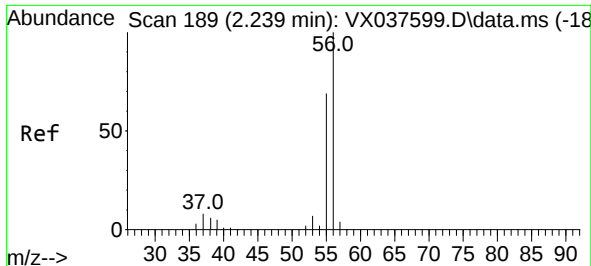
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#12
1,1-Dichloroethene
Concen: 46.125 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

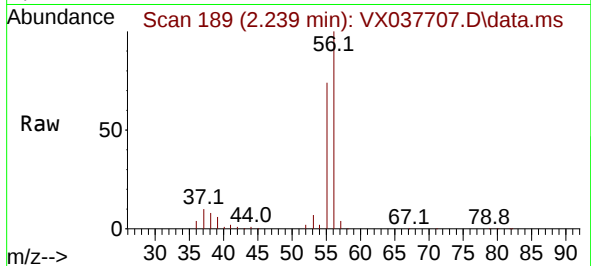
Tgt Ion: 96 Resp: 105318
Ion Ratio Lower Upper
96 100
61 155.0 144.6 216.8
98 64.8 50.4 75.6





#13
Acrolein
Concen: 231.894 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

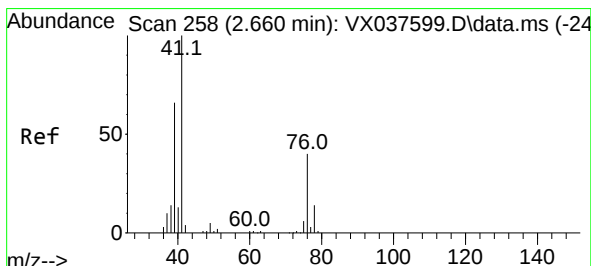
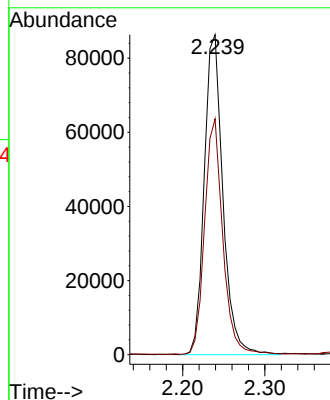
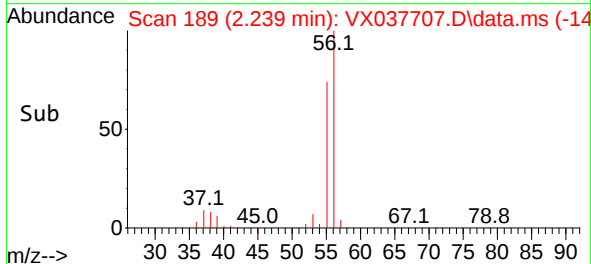
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 136045
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7

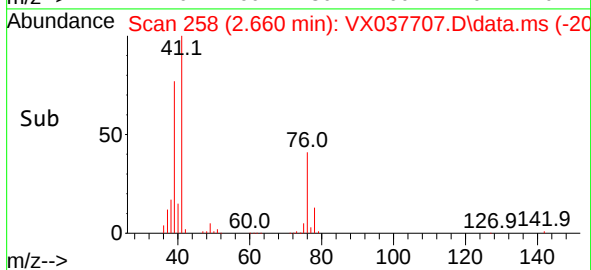
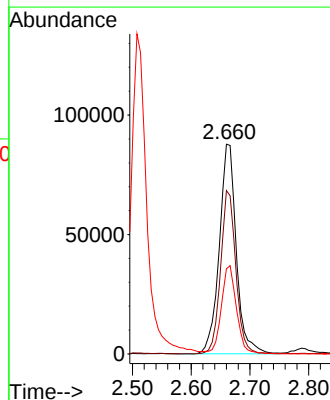
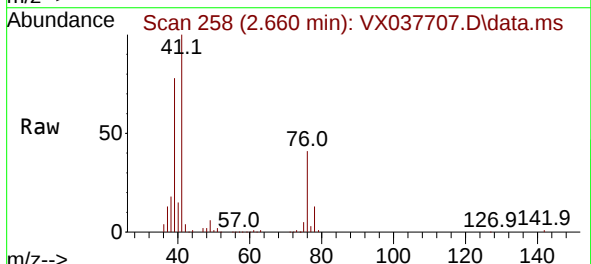
Manual Integrations
APPROVED

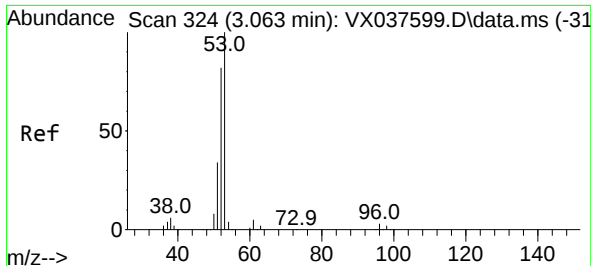
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#14
Allyl chloride
Concen: 44.250 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

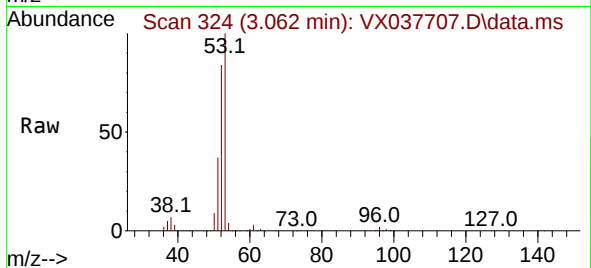
Tgt Ion: 41 Resp: 176996
Ion Ratio Lower Upper
41 100
39 69.7 55.8 83.6
76 37.3 24.3 36.5





#15
Acrylonitrile
Concen: 228.773 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

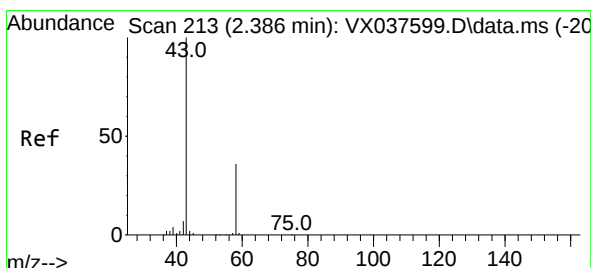
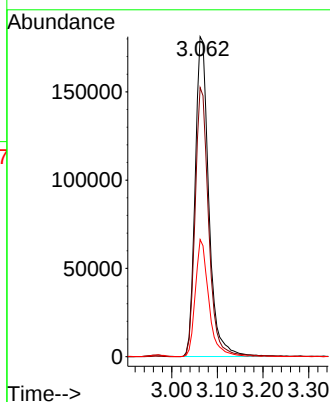
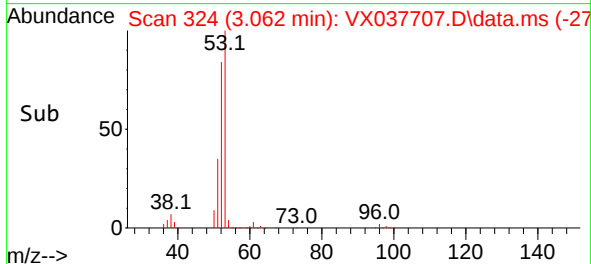
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 37672
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 35.9 29.8 44.6

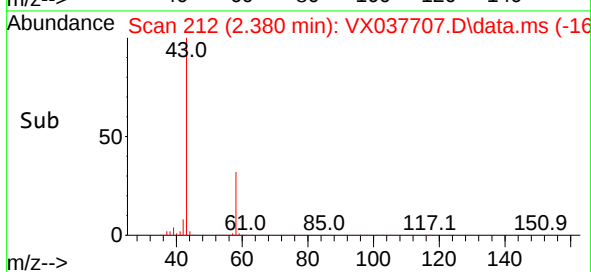
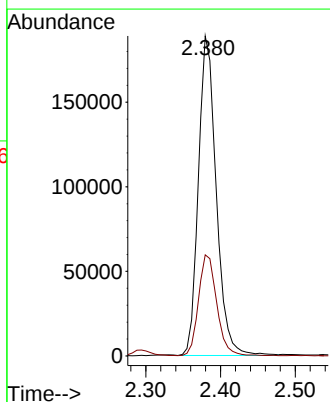
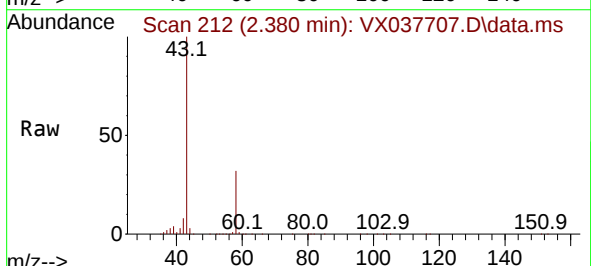
Manual Integrations
APPROVED

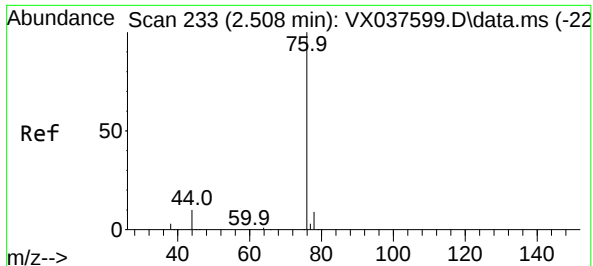
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#16
Acetone
Concen: 216.036 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

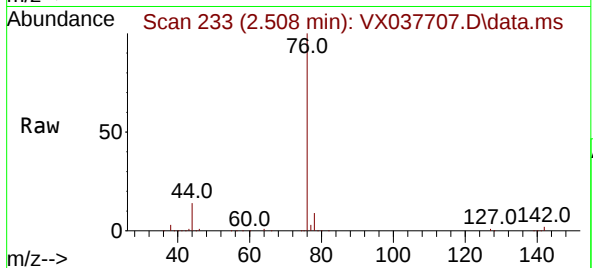
Tgt Ion: 43 Resp: 313612
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





#17
Carbon Disulfide
Concen: 41.907 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

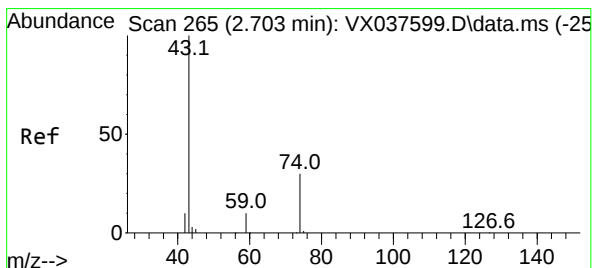
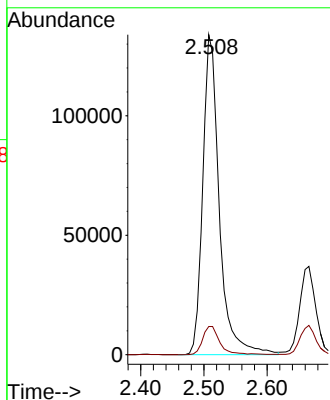
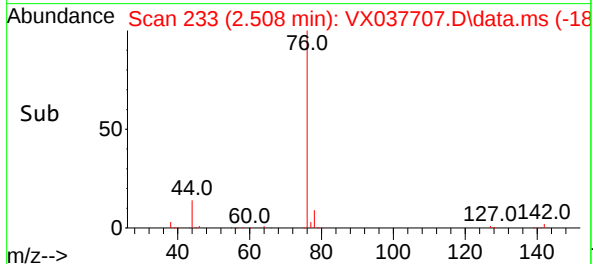
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 243249
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

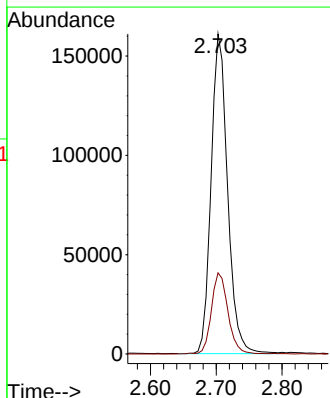
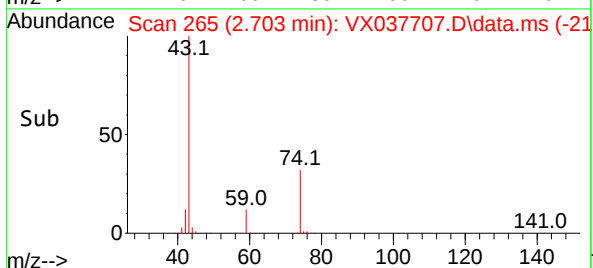
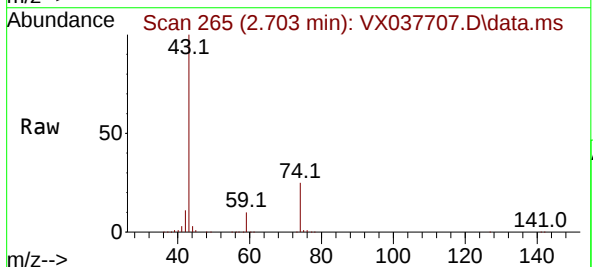
Manual Integrations
APPROVED

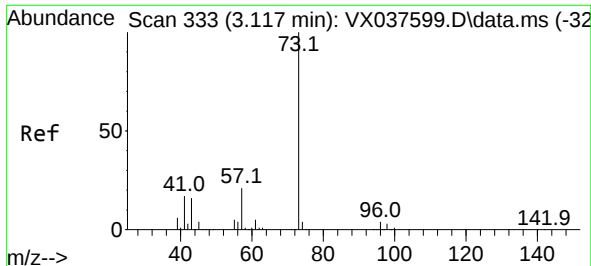
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#18
Methyl Acetate
Concen: 45.824 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

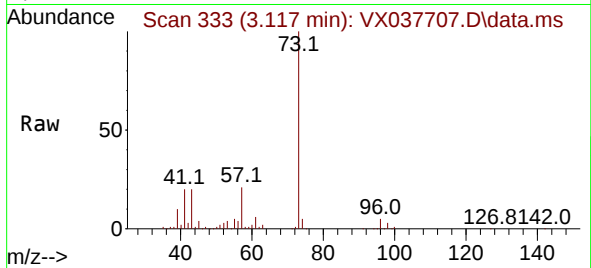
Tgt Ion: 43 Resp: 280922
Ion Ratio Lower Upper
43 100
74 25.7 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 45.947 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

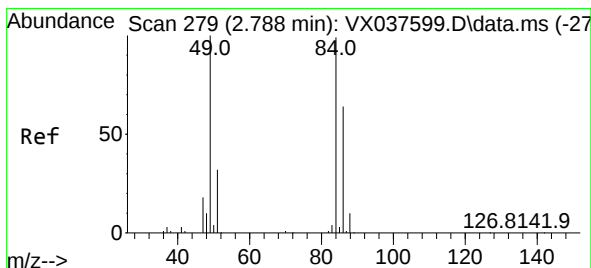
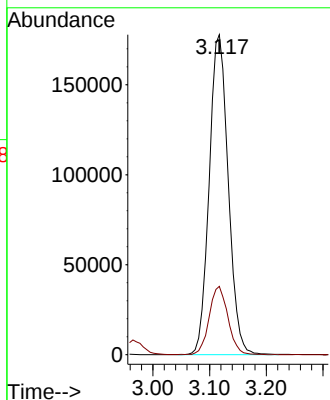
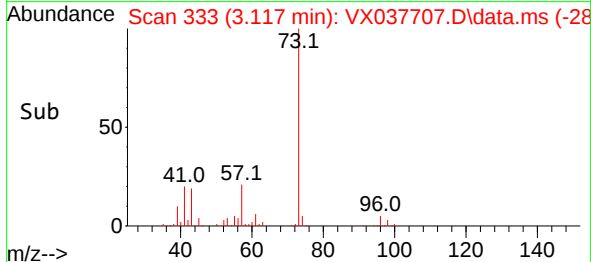
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 414169
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

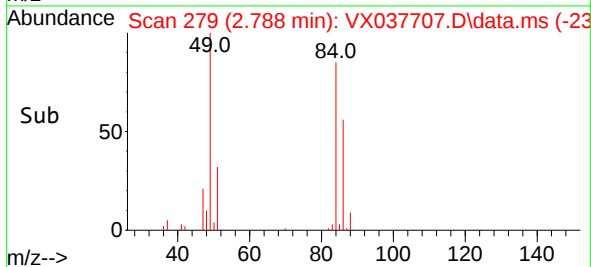
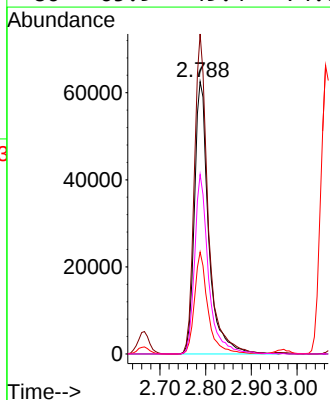
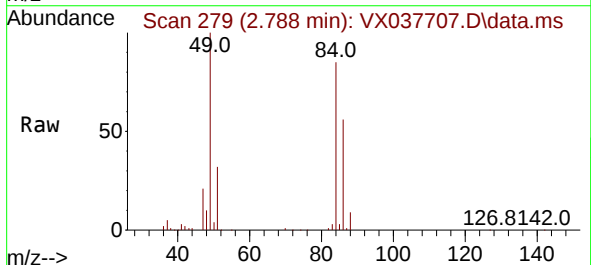
Manual Integrations
APPROVED

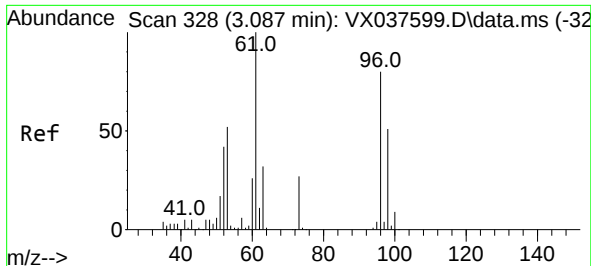
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#20
Methylene Chloride
Concen: 47.965 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

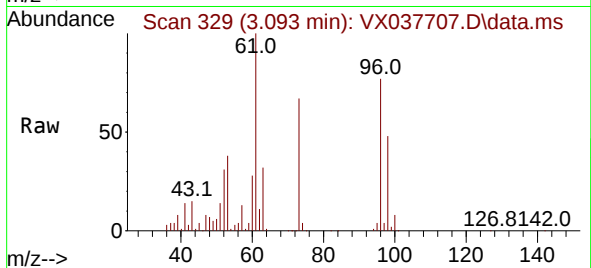
Tgt Ion: 84 Resp: 134777
Ion Ratio Lower Upper
84 100
49 117.5 103.6 155.4
51 37.4 33.8 50.6
86 65.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 45.542 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

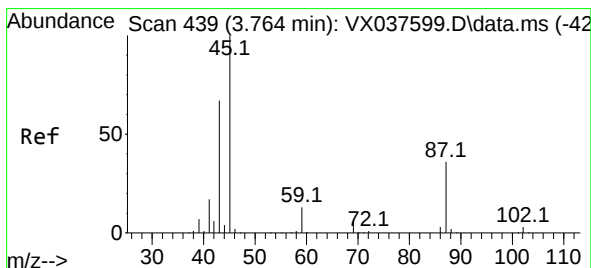
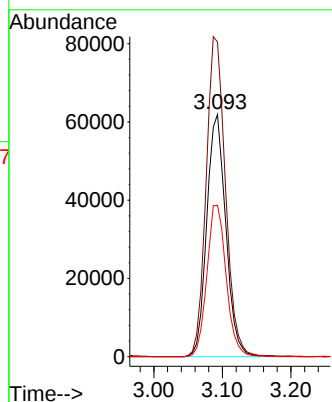
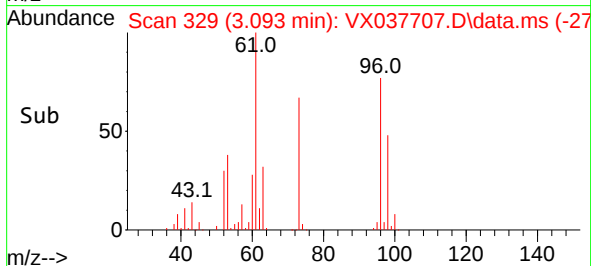
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 119636
Ion Ratio Lower Upper
96 100
61 129.9 119.2 178.8
98 62.5 48.7 73.1

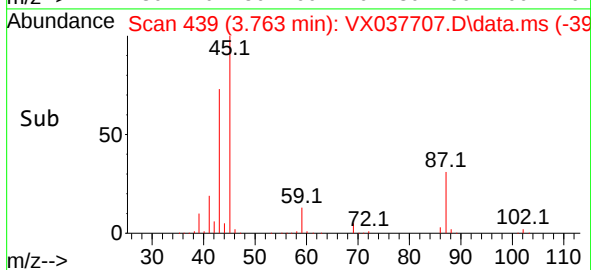
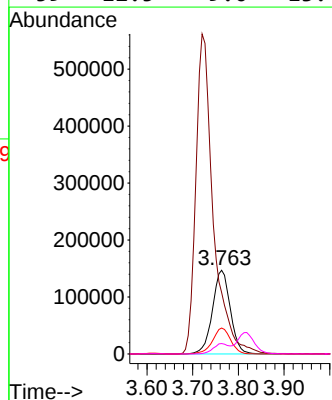
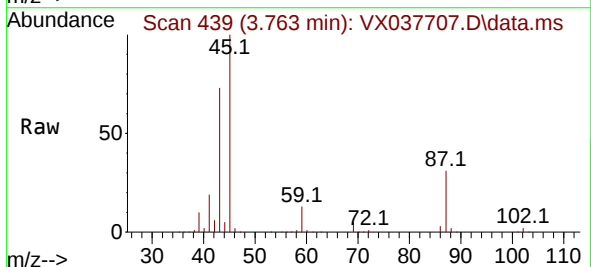
Manual Integrations
APPROVED

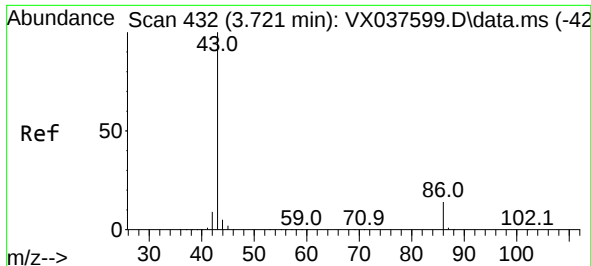
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#22
Diisopropyl ether
Concen: 45.715 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

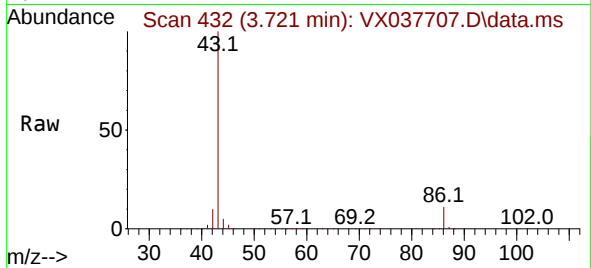
Tgt Ion: 45 Resp: 398364
Ion Ratio Lower Upper
45 100
43 73.3 69.7 104.5
87 31.0 20.8 31.2
59 12.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 233.988 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037707.D
 Acq: 13 Sep 2023 20:10

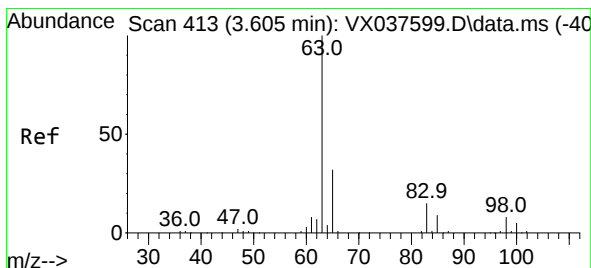
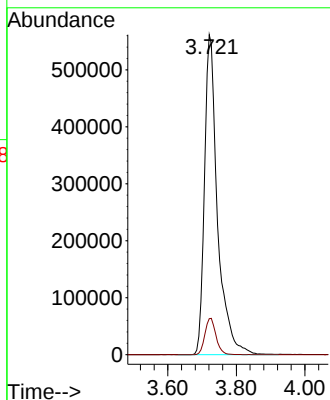
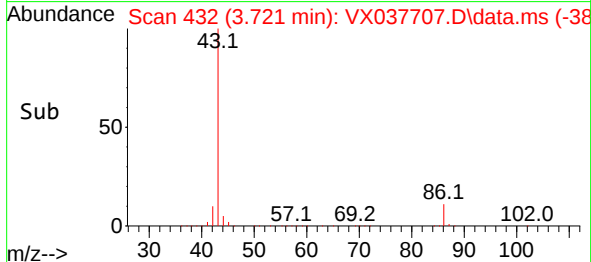
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



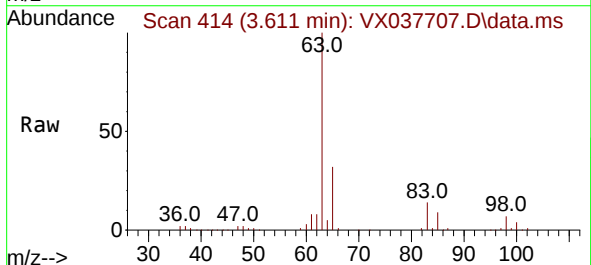
Tgt Ion: 43 Resp: 148724
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

Manual Integrations
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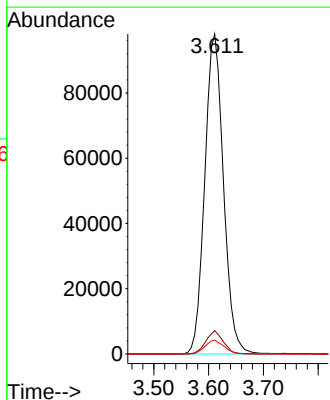
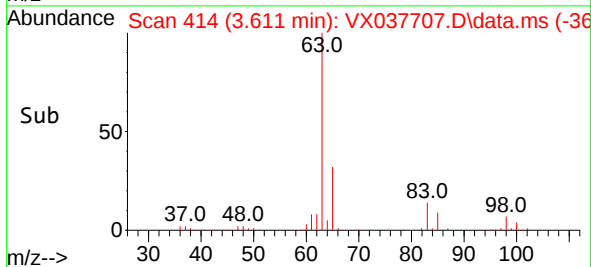
Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/14/2023

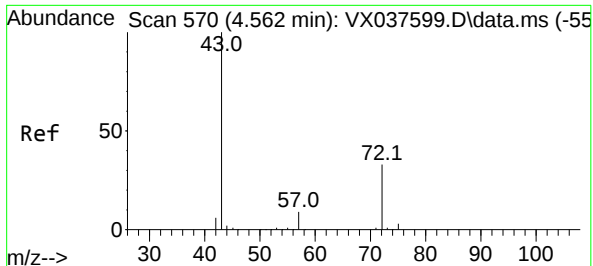


#24
 1,1-Dichloroethane
 Concen: 45.662 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037707.D
 Acq: 13 Sep 2023 20:10



Tgt Ion: 63 Resp: 231872
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 218.854 ug/l

RT: 4.556 min Scan# 518028

Delta R.T. -0.006 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 518028

Ion Ratio Lower Upper

43 100

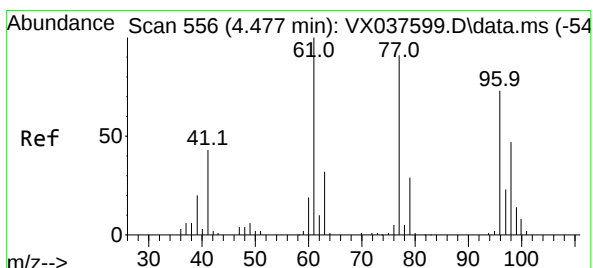
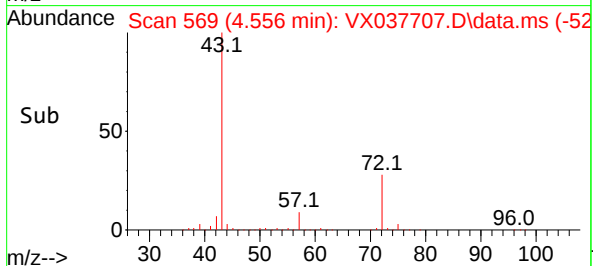
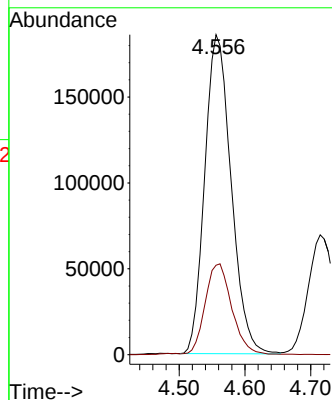
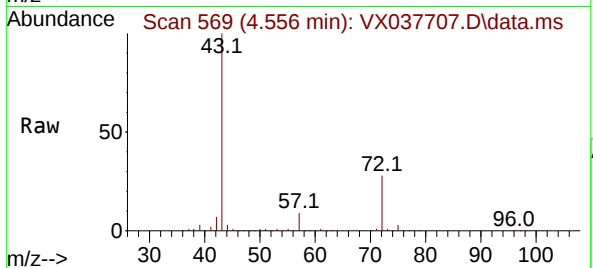
72 27.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#26

2,2-Dichloropropane

Concen: 42.902 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037707.D

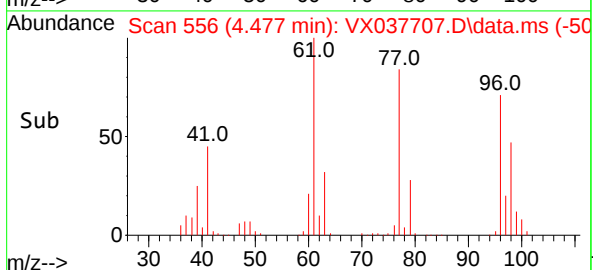
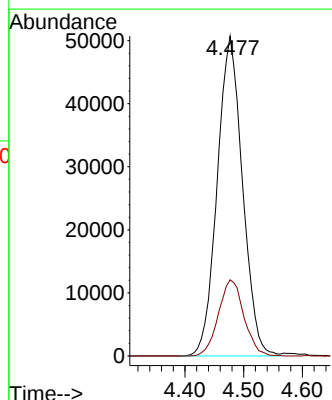
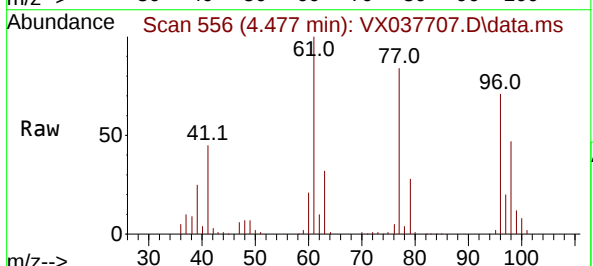
Acq: 13 Sep 2023 20:10

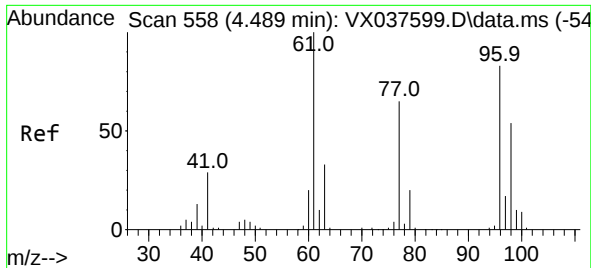
Tgt Ion: 77 Resp: 151544

Ion Ratio Lower Upper

77 100

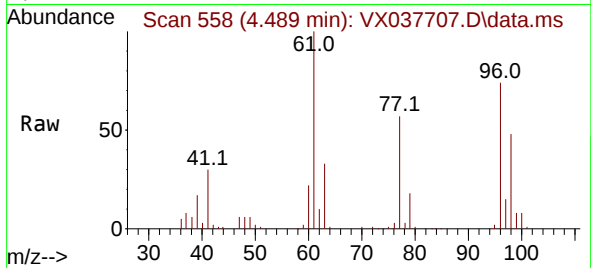
97 23.9 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 46.360 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

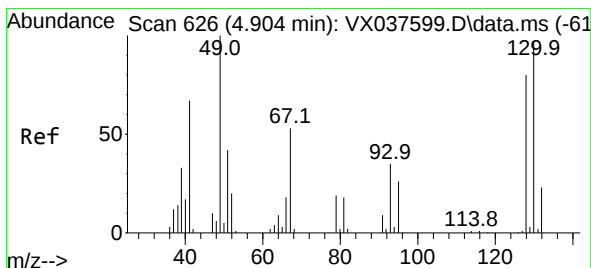
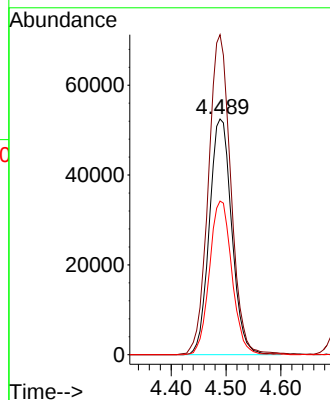
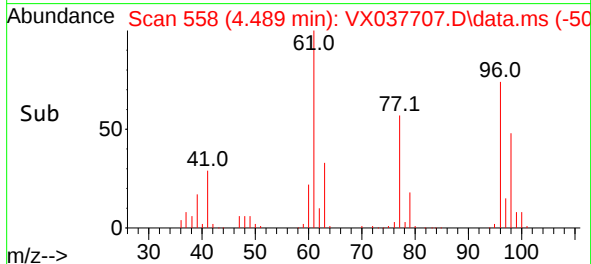
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



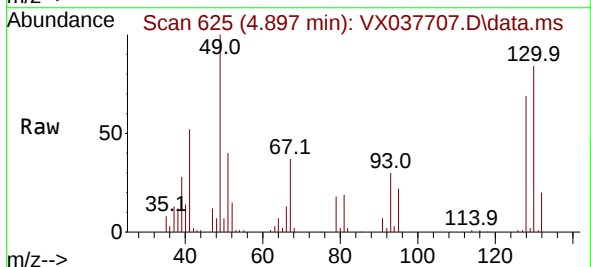
Tgt Ion: 96 Resp: 148512
Ion Ratio Lower Upper
96 100
61 136.7 0.0 312.2
98 65.2 0.0 129.0

Manual Integrations
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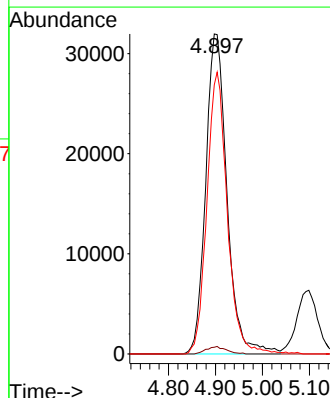
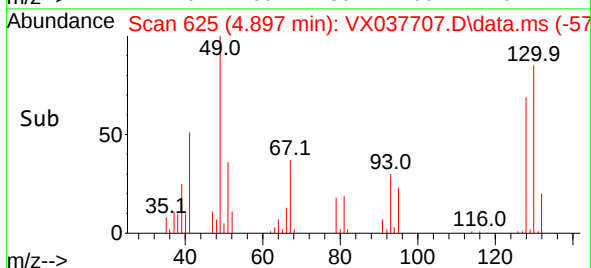
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

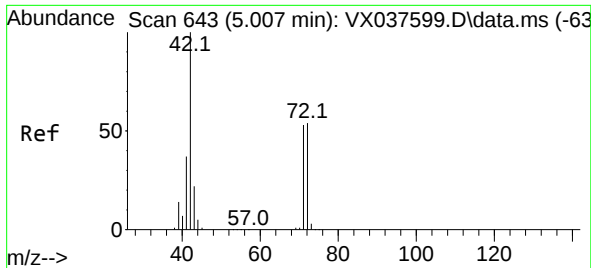


#28
Bromochloromethane
Concen: 39.113 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10



Tgt Ion: 49 Resp: 100345
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 84.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 224.958 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 33908

Ion Ratio Lower Upper

42 100

72 48.9 34.2 51.4

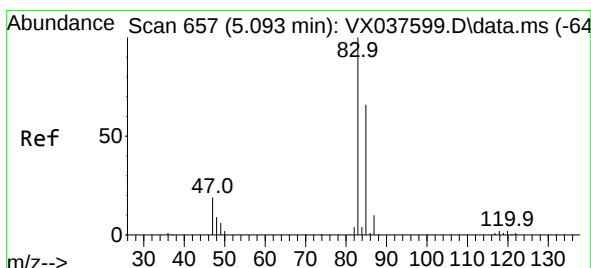
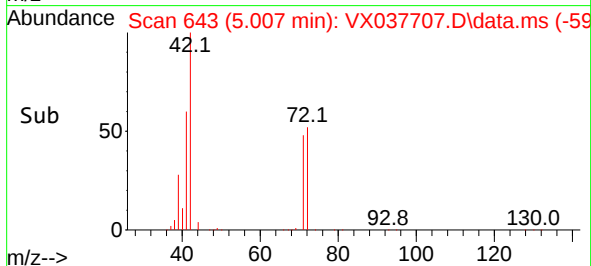
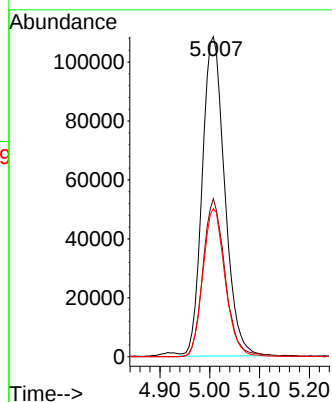
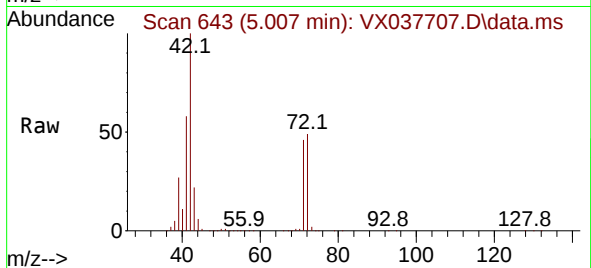
71 46.1 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#30

Chloroform

Concen: 45.901 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037707.D

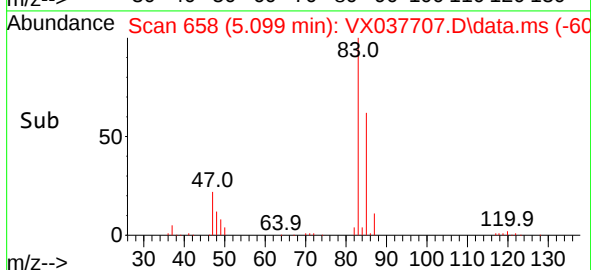
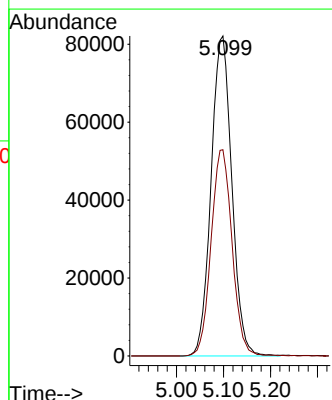
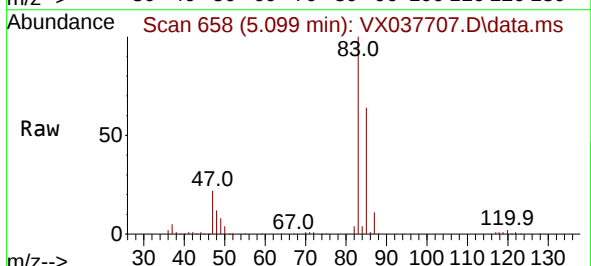
Acq: 13 Sep 2023 20:10

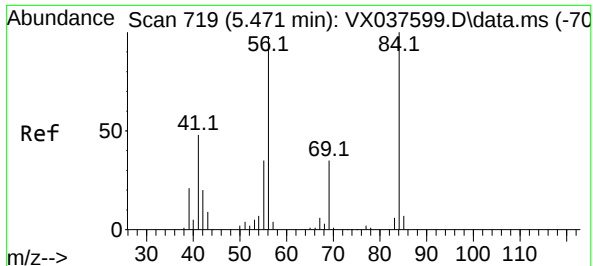
Tgt Ion: 83 Resp: 251724

Ion Ratio Lower Upper

83 100

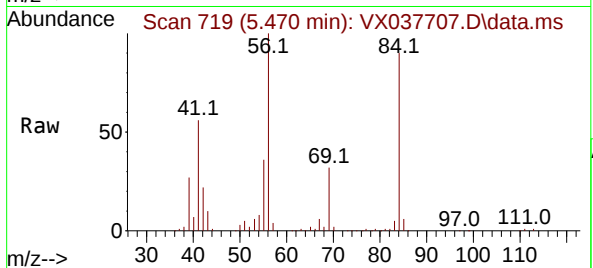
85 64.5 50.3 75.5





#31
Cyclohexane
Concen: 44.496 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

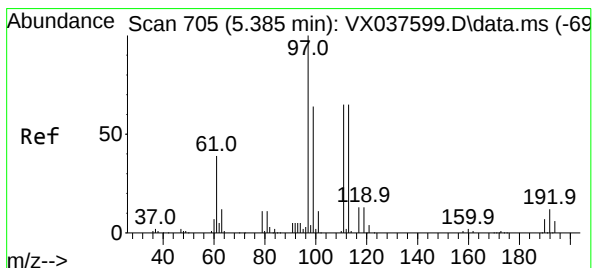
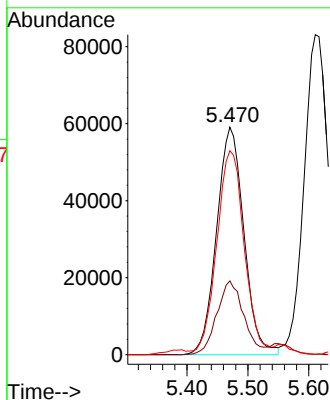
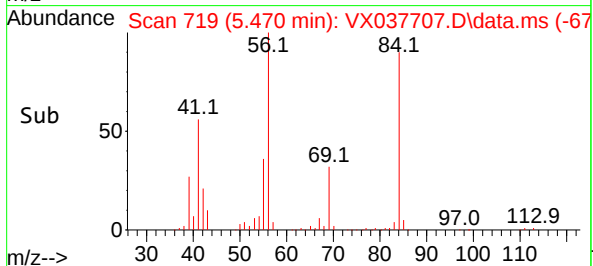
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 18398
Ion Ratio Lower Upper
56 100
69 32.4 23.4 35.2
84 87.7 65.9 98.9

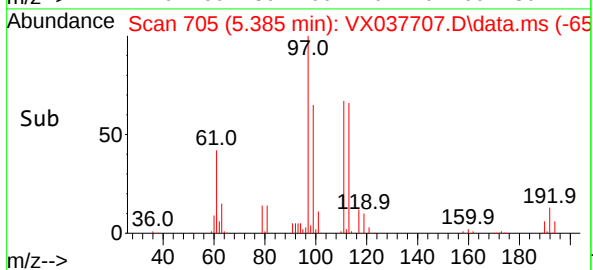
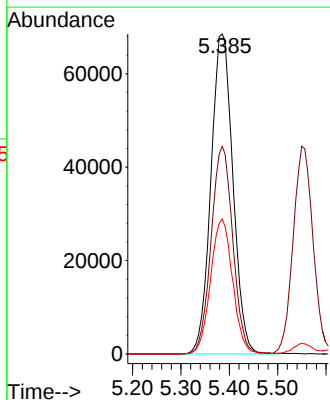
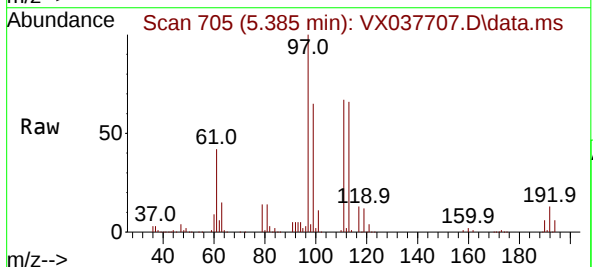
Manual Integrations
APPROVED

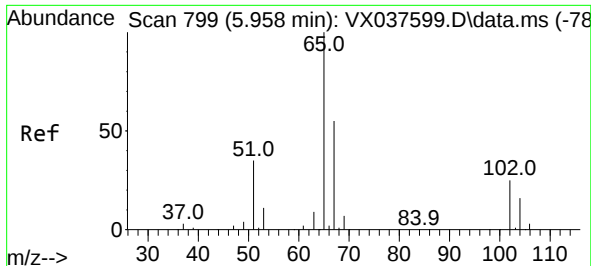
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#32
1,1,1-Trichloroethane
Concen: 47.363 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Tgt Ion: 97 Resp: 216180
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 42.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.005 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15800

Ion Ratio Lower Upper

65 100

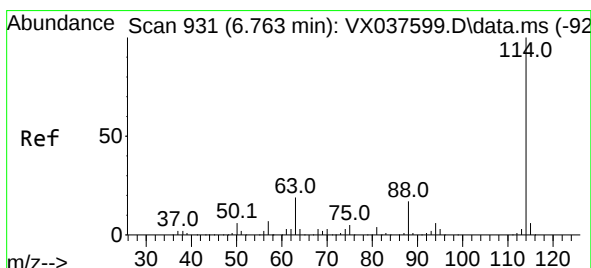
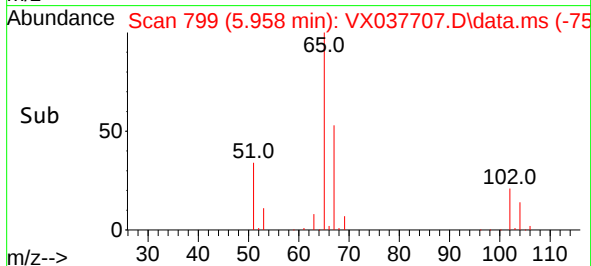
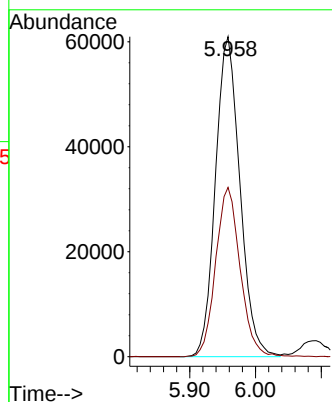
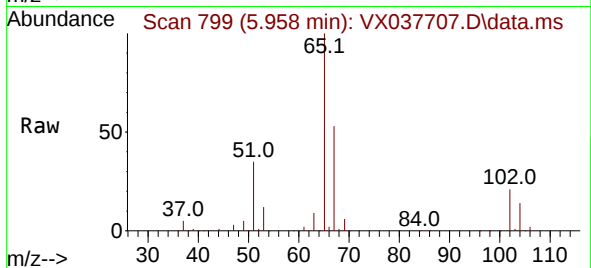
67 52.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

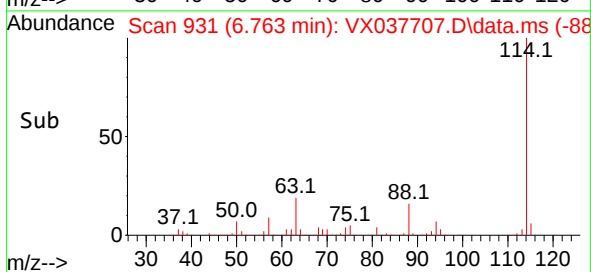
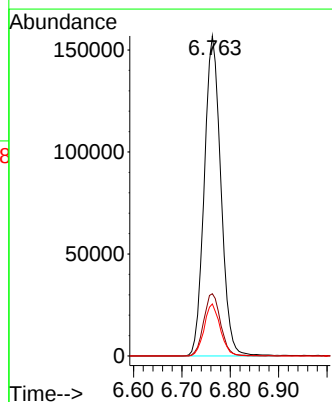
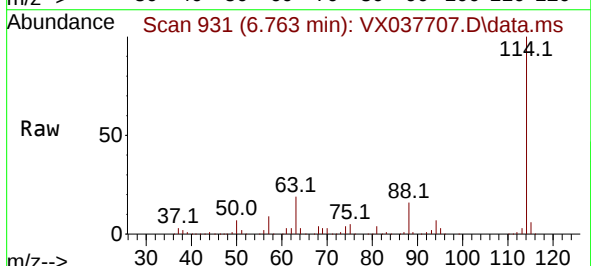
Tgt Ion:114 Resp: 373991

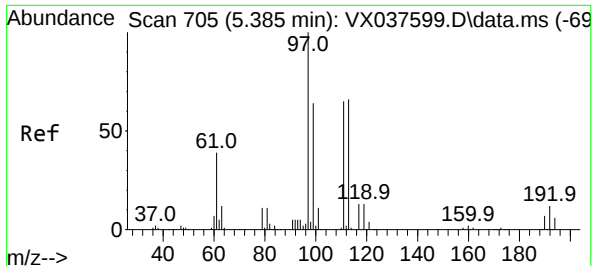
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

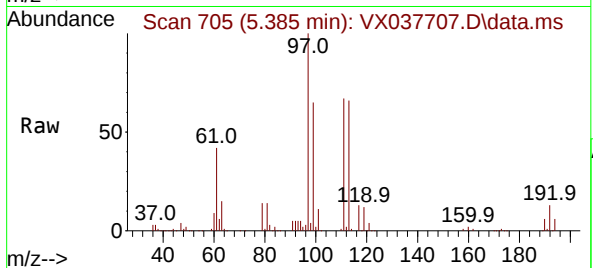
88 16.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.558 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

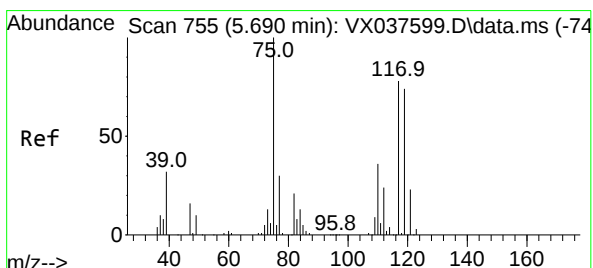
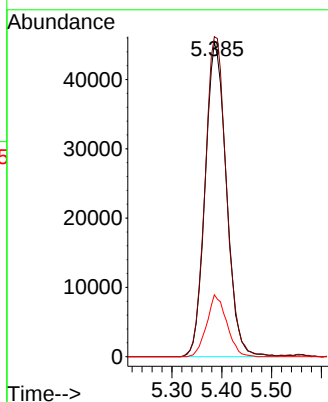
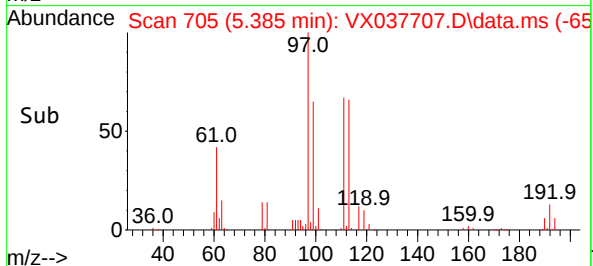
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 134024
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.6 13.3 19.9

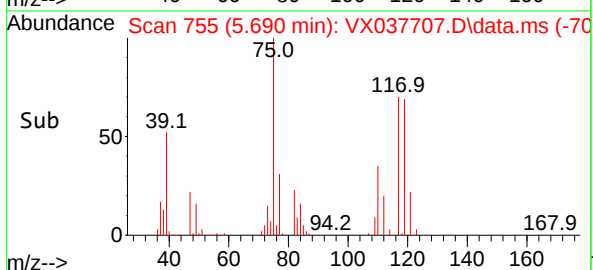
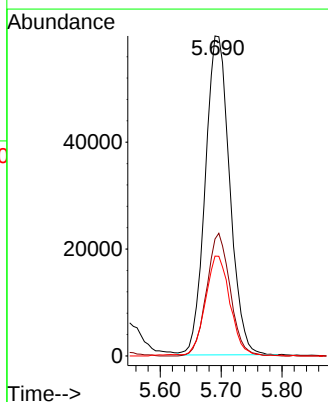
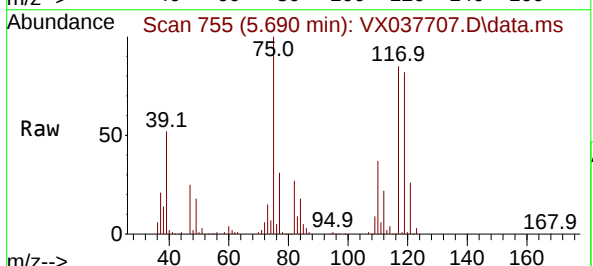
Manual Integrations
APPROVED

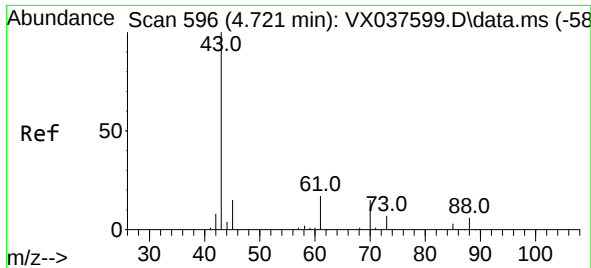
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#36
1,1-Dichloropropene
Concen: 46.075 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

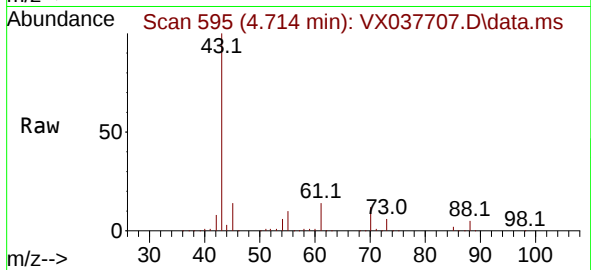
Tgt Ion: 75 Resp: 166156
Ion Ratio Lower Upper
75 100
110 37.2 17.0 50.9
77 31.8 24.7 37.1





#37
Ethyl Acetate
Concen: 48.738 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

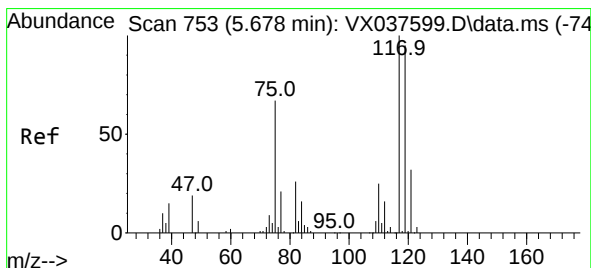
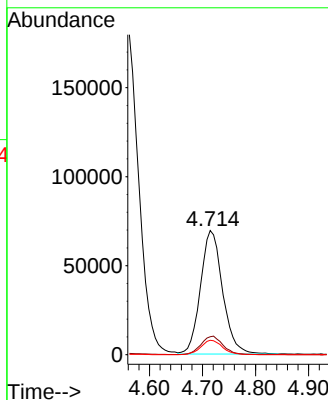
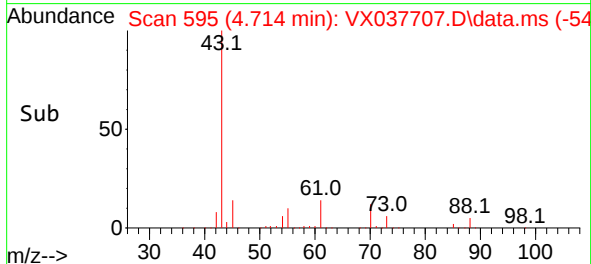
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 201109
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 11.4 8.3 12.5

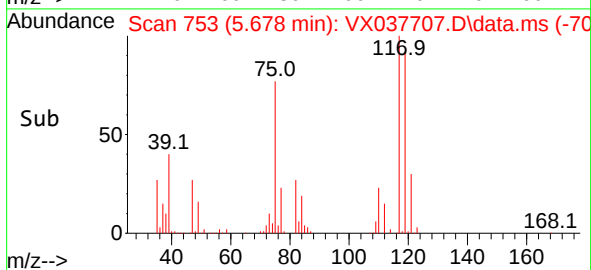
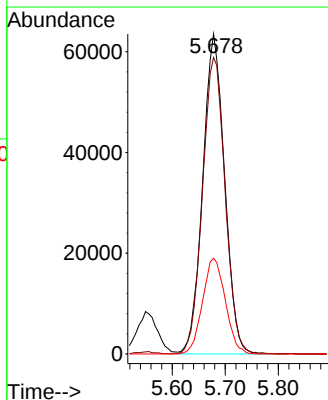
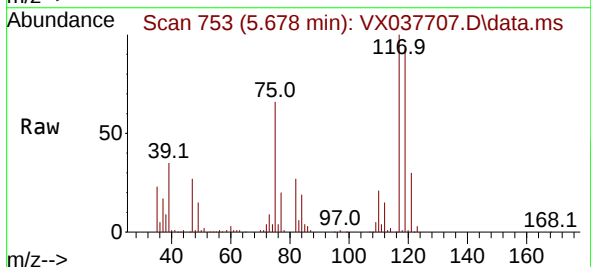
Manual Integrations
APPROVED

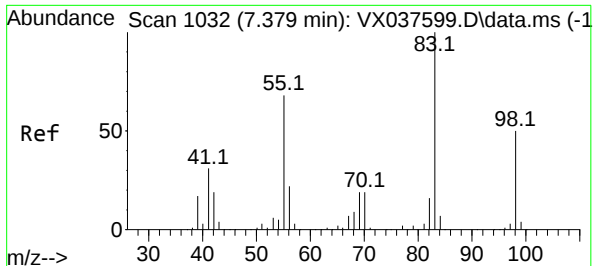
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#38
Carbon Tetrachloride
Concen: 49.458 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

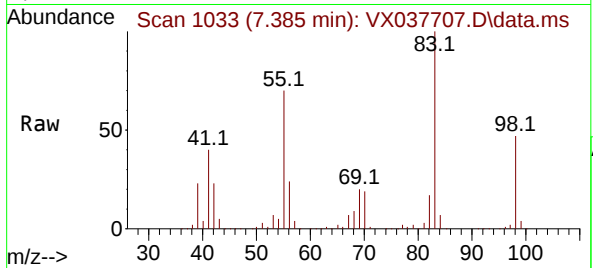
Tgt Ion:117 Resp: 182207
Ion Ratio Lower Upper
117 100
119 92.7 78.2 117.2
121 29.9 24.4 36.6





#39
Methylcyclohexane
Concen: 47.698 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

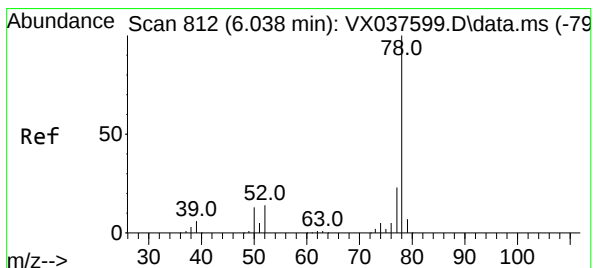
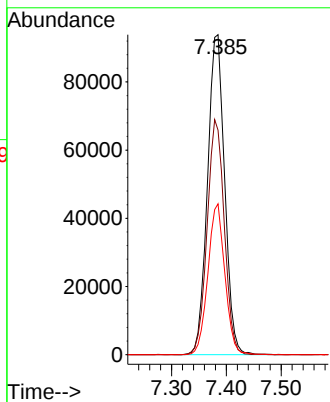
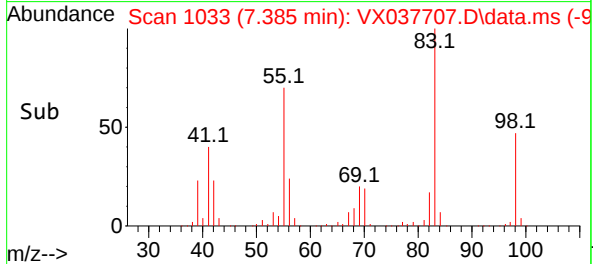
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 203540
Ion Ratio Lower Upper
83 100
55 70.2 64.6 97.0
98 47.2 36.7 55.1

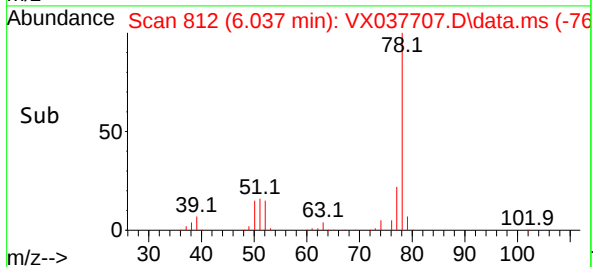
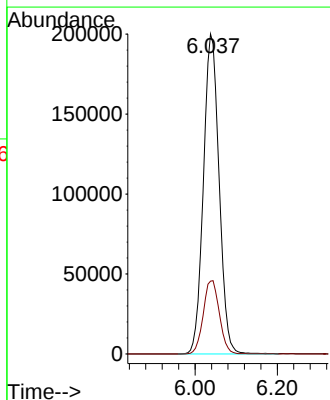
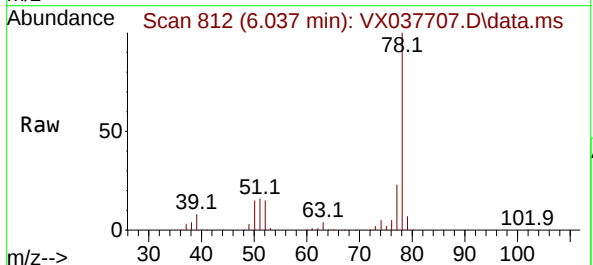
Manual Integrations
APPROVED

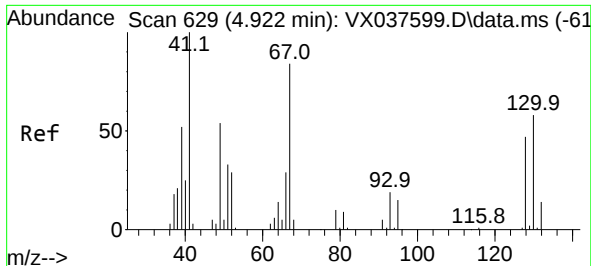
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#40
Benzene
Concen: 48.416 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Tgt Ion: 78 Resp: 529306
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9





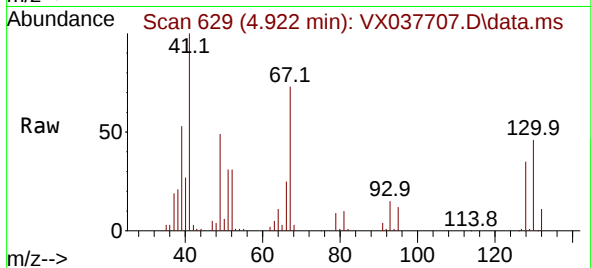
#41
Methacrylonitrile
Concen: 48.564 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



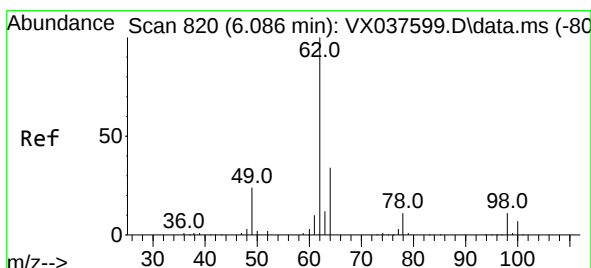
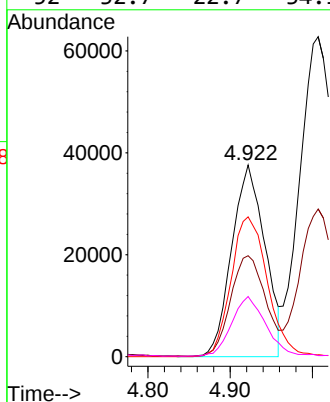
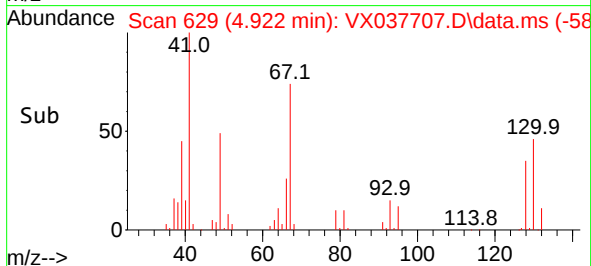
Tgt Ion: 41 Resp: 10555
Ion Ratio Lower Upper
41 100
39 54.6 45.2 67.8
67 80.2 52.6 78.8
52 32.7 22.7 34.1

Manual Integrations

APPROVED

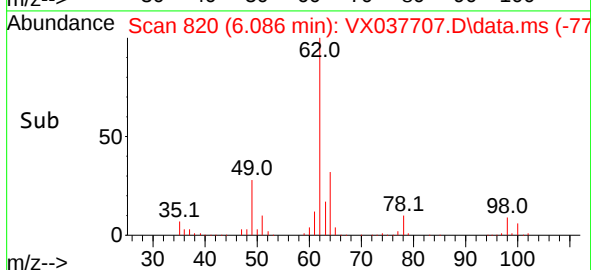
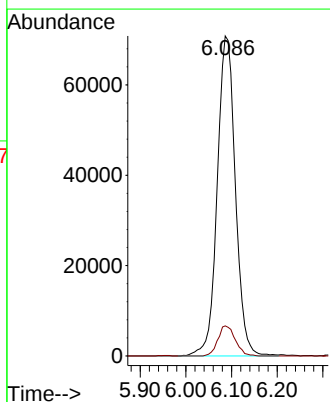
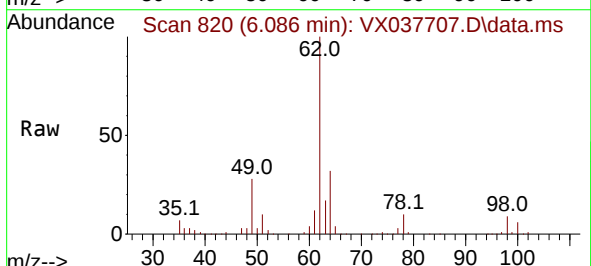
Reviewed By :John Carlone 09/14/2023

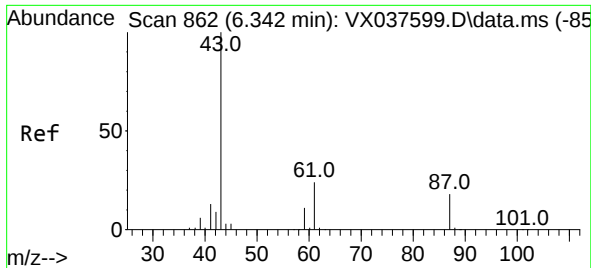
Supervised By :Mahesh Dadoda 09/14/2023



#42
1,2-Dichloroethane
Concen: 45.766 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

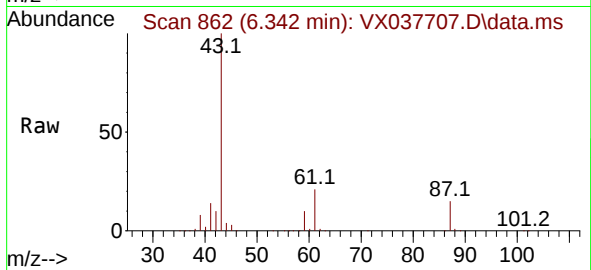
Tgt Ion: 62 Resp: 195557
Ion Ratio Lower Upper
62 100
98 9.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.961 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

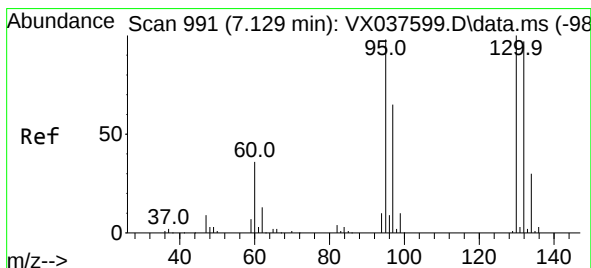
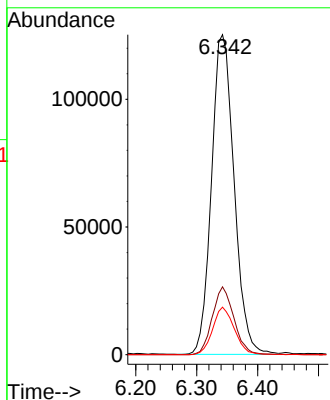
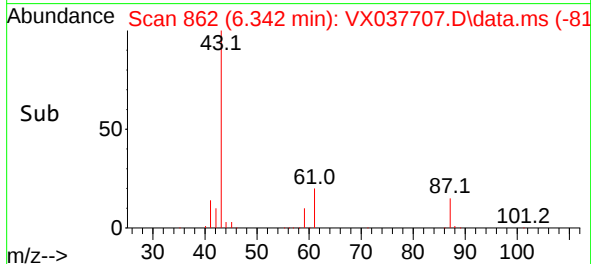
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 32230
Ion Ratio Lower Upper
43 100
61 20.3 15.2 22.8
87 14.3 9.8 14.6

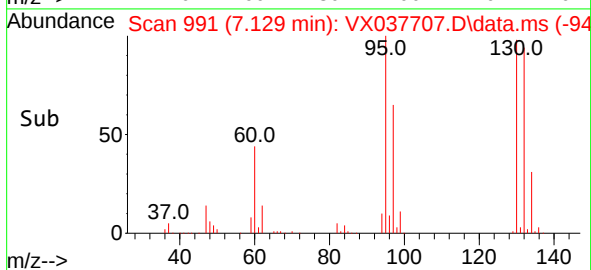
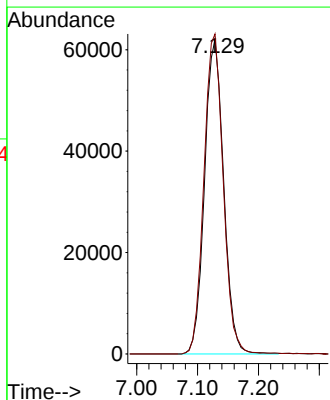
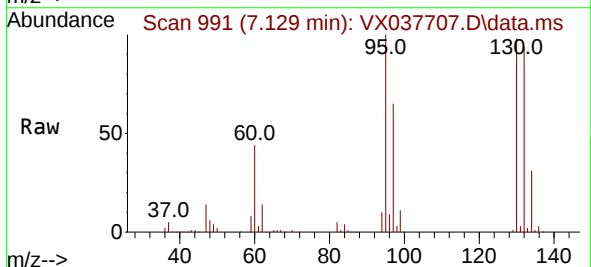
Manual Integrations
APPROVED

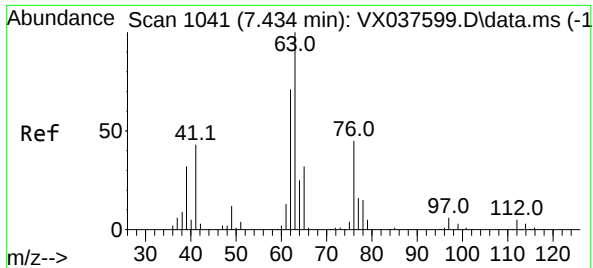
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#44
Trichloroethene
Concen: 49.541 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Tgt Ion:130 Resp: 135318
Ion Ratio Lower Upper
130 100
95 101.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 49.113 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 141690

Ion Ratio Lower Upper

63 100

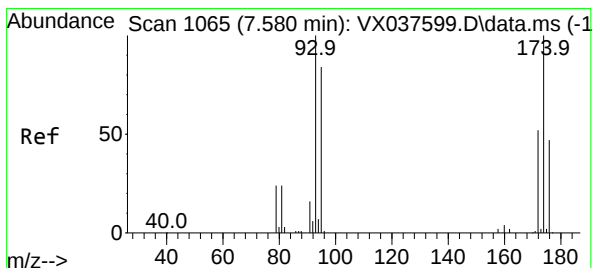
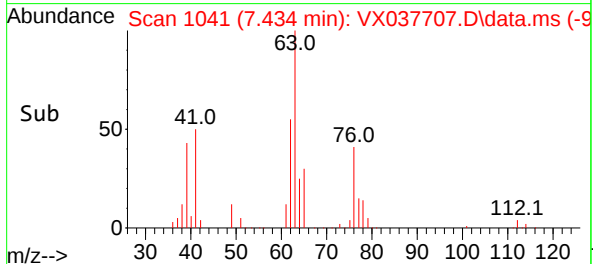
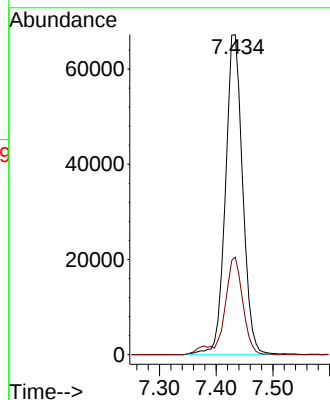
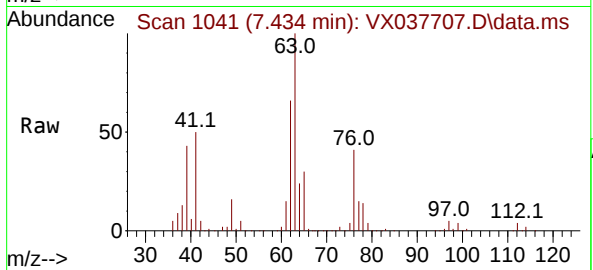
65 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#46

Dibromomethane

Concen: 49.221 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

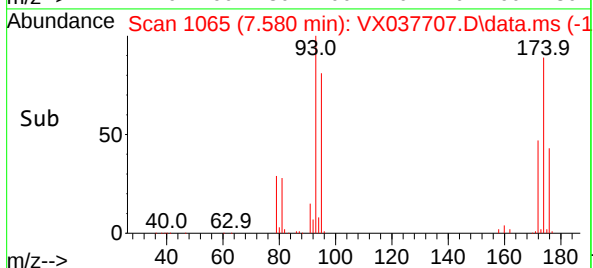
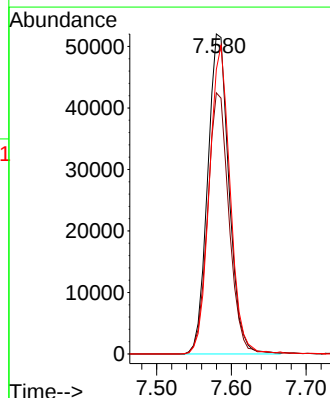
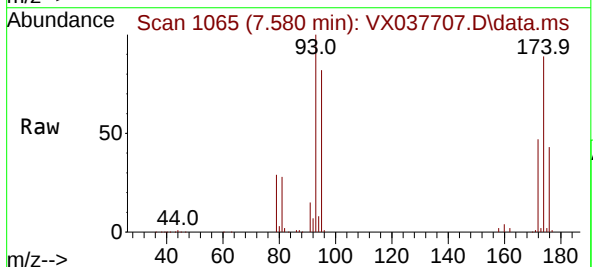
Tgt Ion: 93 Resp: 103313

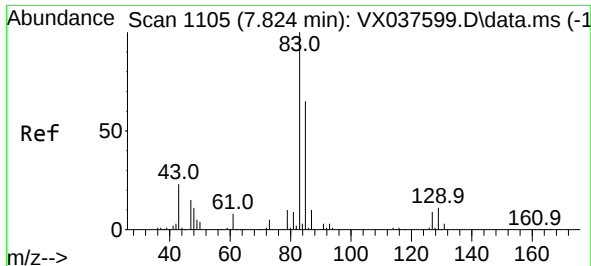
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

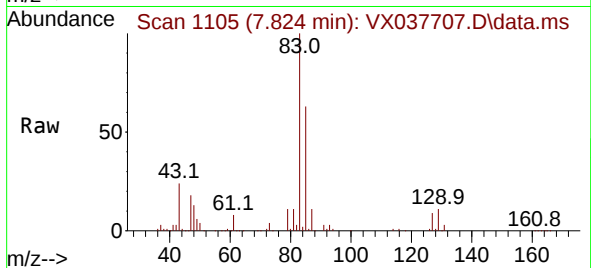
174 93.5 69.4 104.0





#47
Bromodichloromethane
Concen: 50.831 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

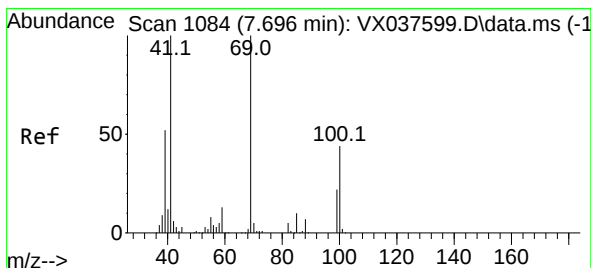
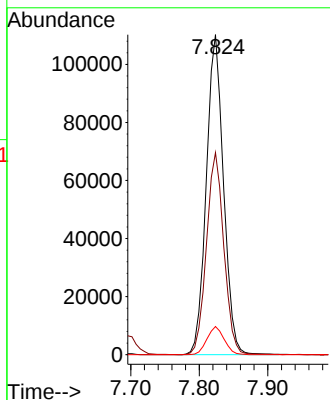
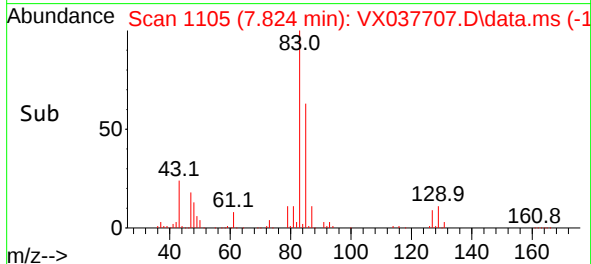
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 192600
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 8.8 7.1 10.7

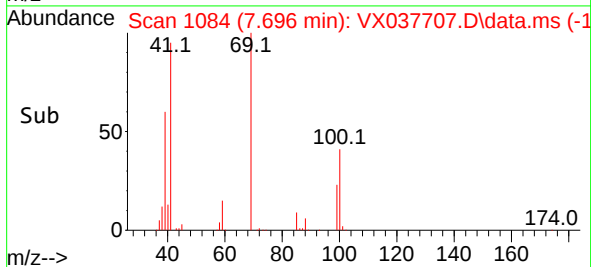
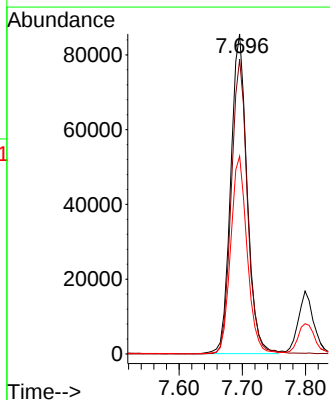
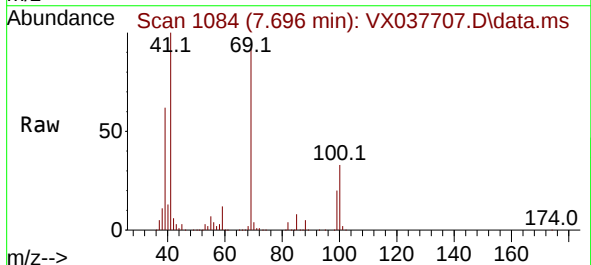
Manual Integrations
APPROVED

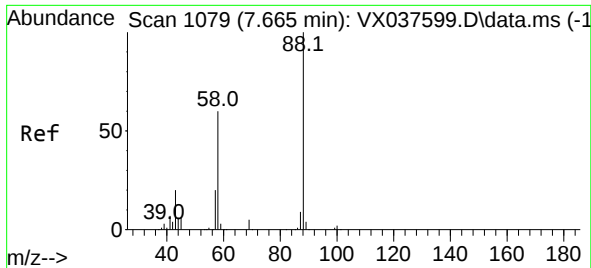
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#48
Methyl methacrylate
Concen: 48.423 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

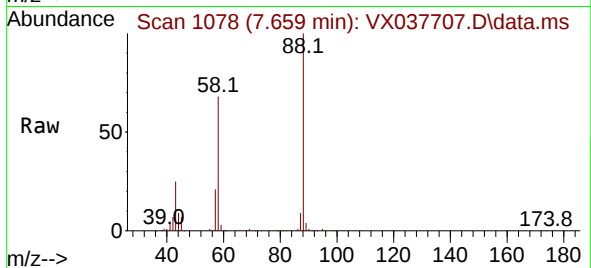
Tgt Ion: 41 Resp: 154089
Ion Ratio Lower Upper
41 100
69 91.4 59.2 88.8
39 62.0 47.7 71.5





#49
1,4-Dioxane
Concen: 983.347 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

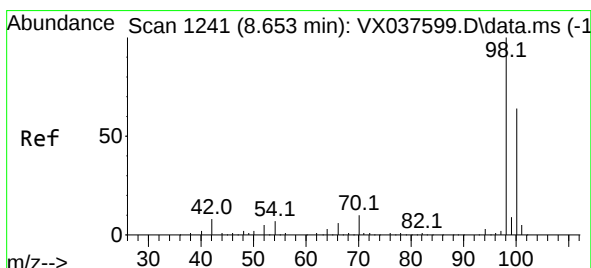
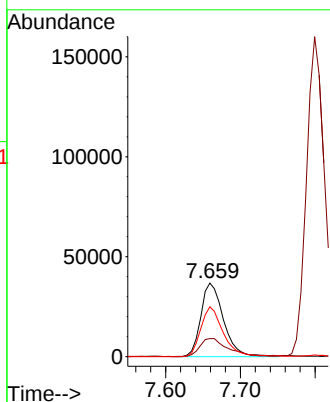
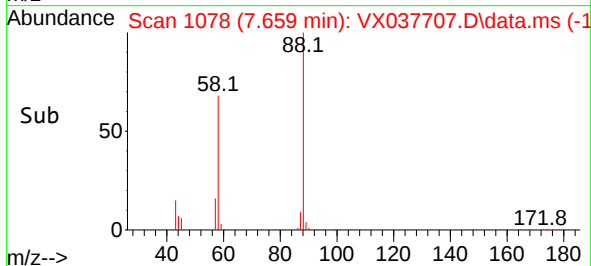
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 7752
Ion Ratio Lower Upper
88 100
43 29.3 0.0 0.0
58 67.6 60.1 90.1

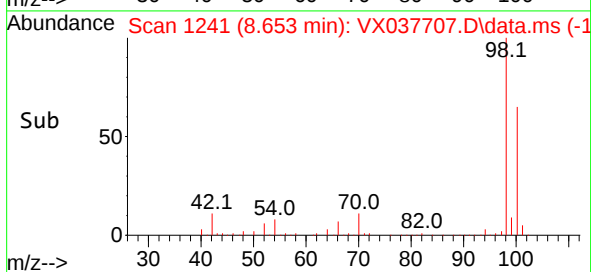
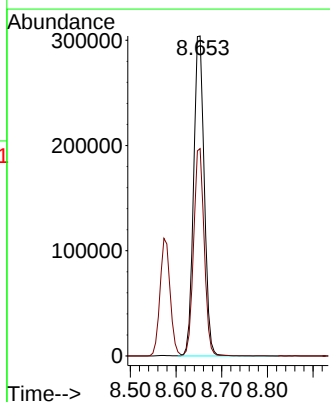
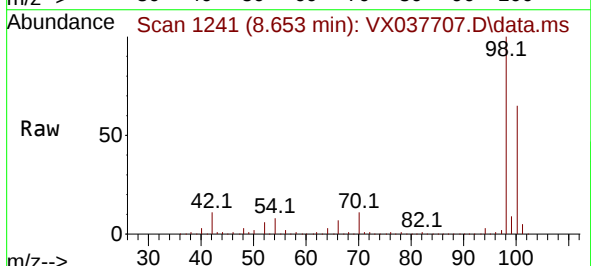
Manual Integrations
APPROVED

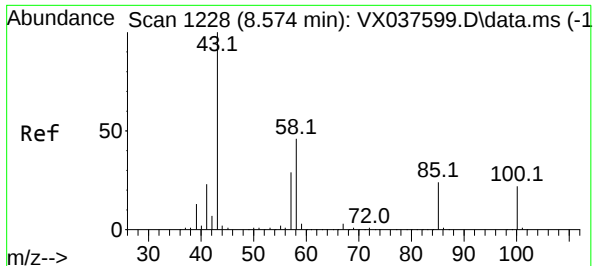
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#50
Toluene-d8
Concen: 49.172 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Tgt Ion: 98 Resp: 491605
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 244.705 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 105775

Ion Ratio Lower Upper

43 100

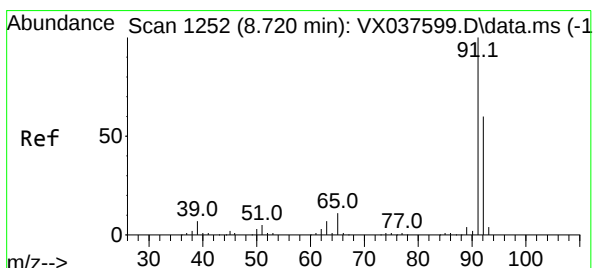
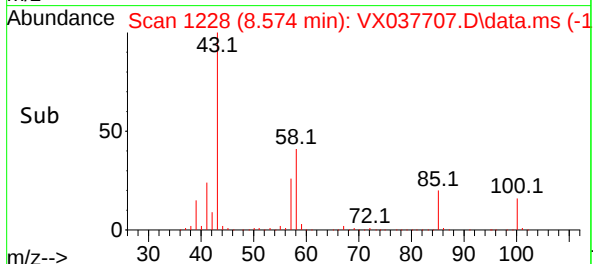
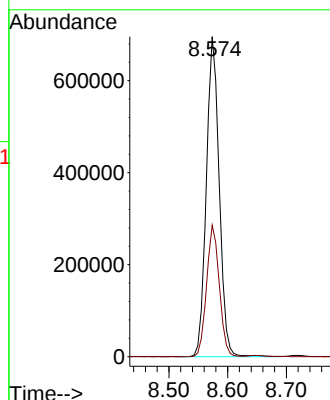
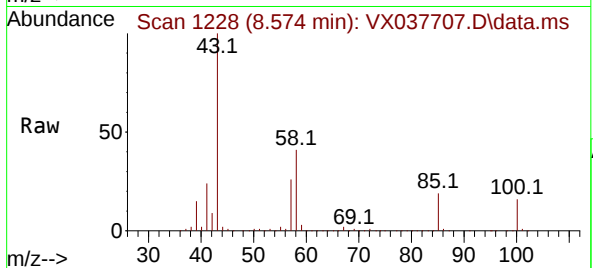
58 40.6 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#52

Toluene

Concen: 48.715 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037707.D

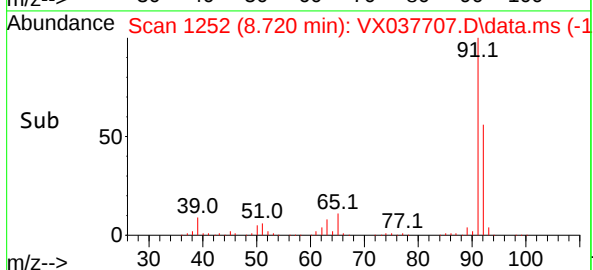
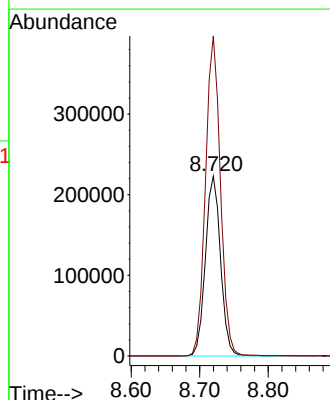
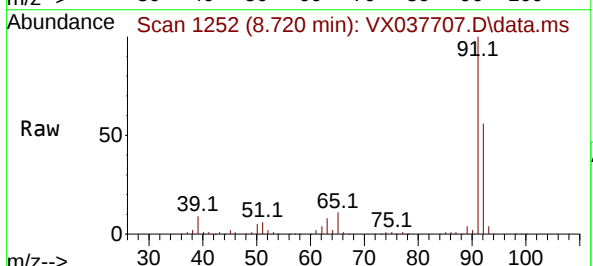
Acq: 13 Sep 2023 20:10

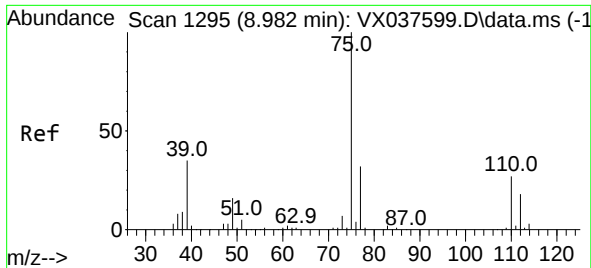
Tgt Ion: 92 Resp: 342426

Ion Ratio Lower Upper

92 100

91 175.9 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 52.039 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

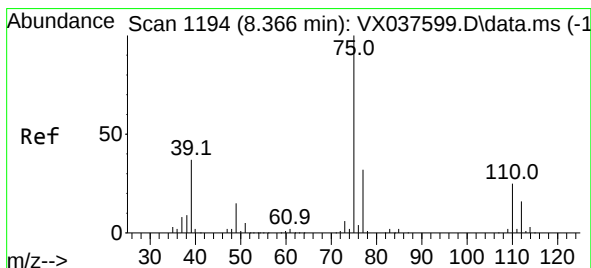
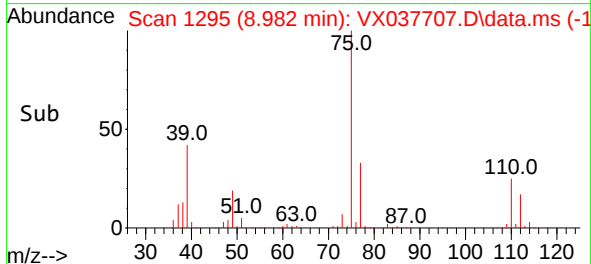
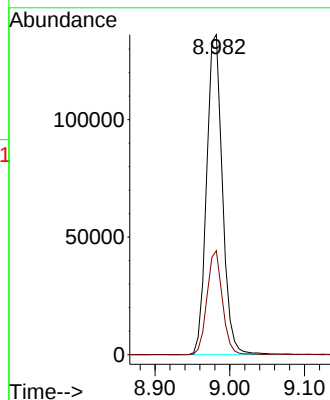
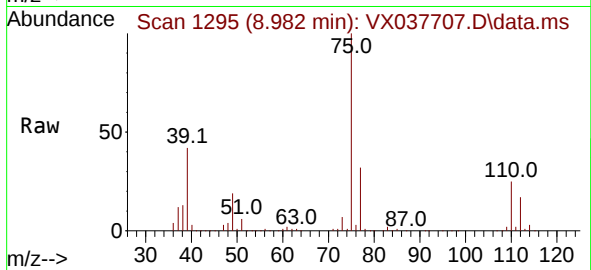
VSTDCCC050EC

Tgt Ion: 75 Resp: 19991
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5

Manual Integrations

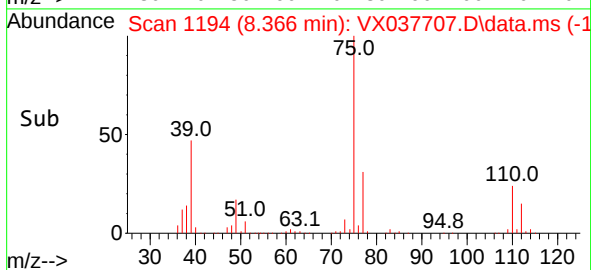
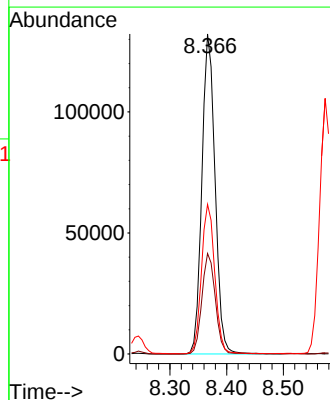
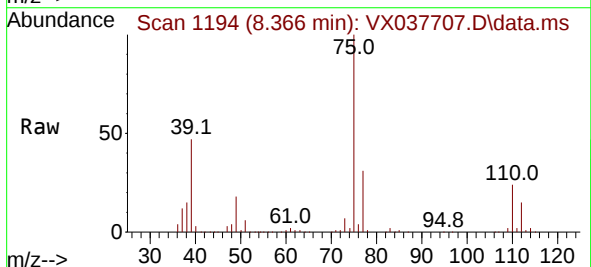
APPROVED

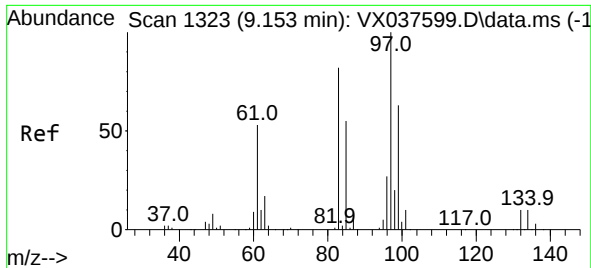
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#54
cis-1,3-Dichloropropene
Concen: 50.549 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

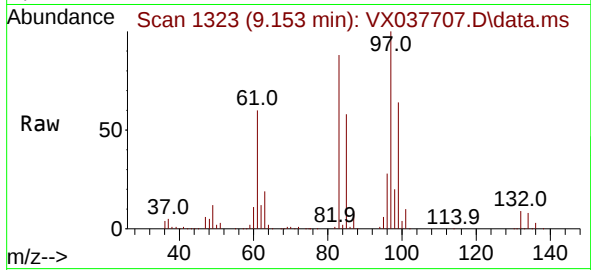
Tgt Ion: 75 Resp: 213080
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 46.7 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 50.478 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

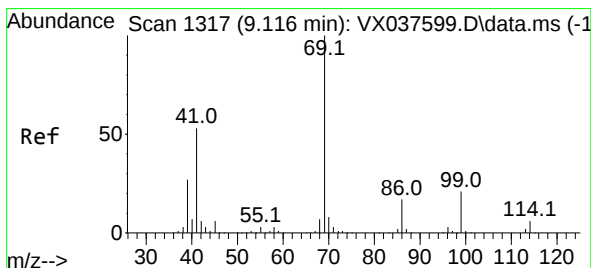
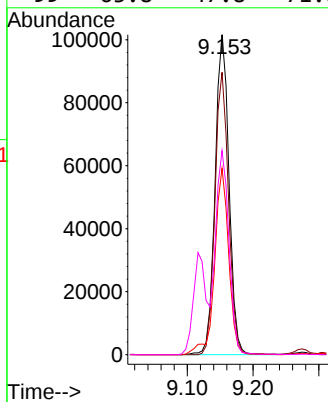
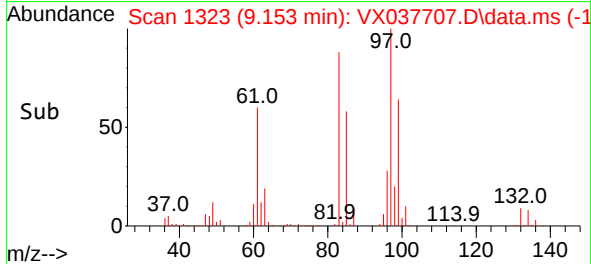
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC



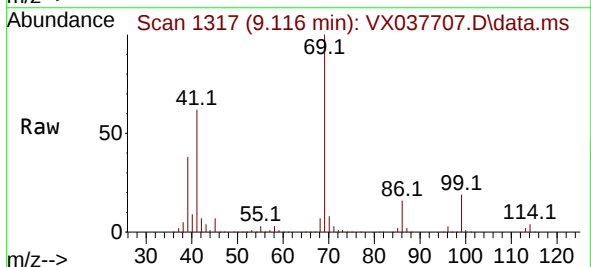
Tgt Ion: 97 Resp: 149408
Ion Ratio Lower Upper
97 100
83 88.2 65.8 98.8
85 58.2 41.6 62.4
99 63.8 47.8 71.8

Manual Integrations
APPROVED

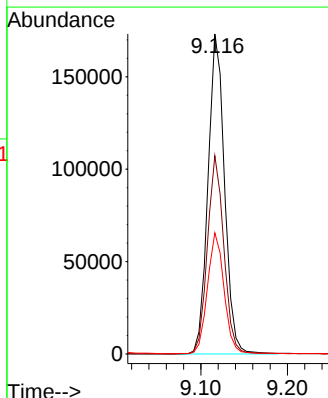
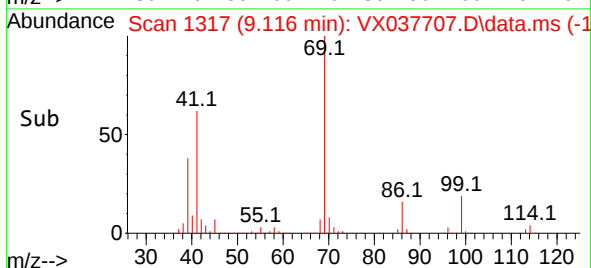
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

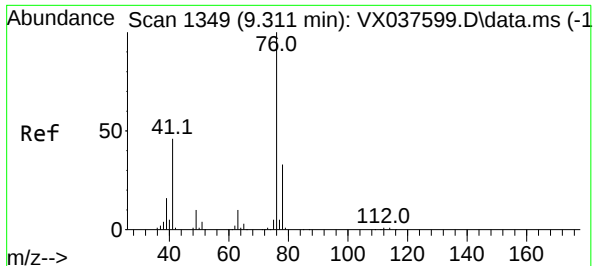


#56
Ethyl methacrylate
Concen: 50.718 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10



Tgt Ion: 69 Resp: 229683
Ion Ratio Lower Upper
69 100
41 61.9 56.8 85.2
39 37.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 48.474 ug/l

RT: 9.311 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 24066

Ion Ratio Lower Upper

76 100

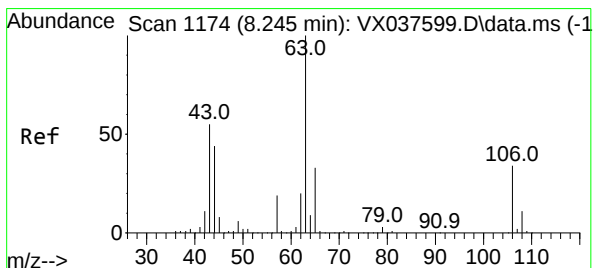
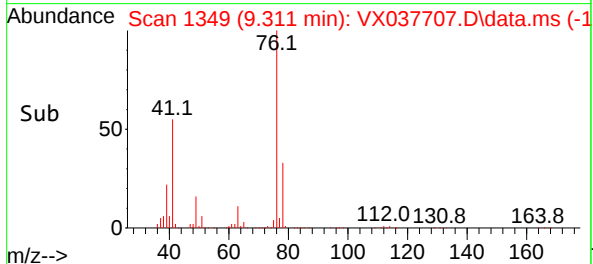
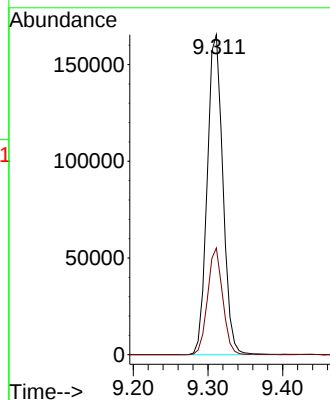
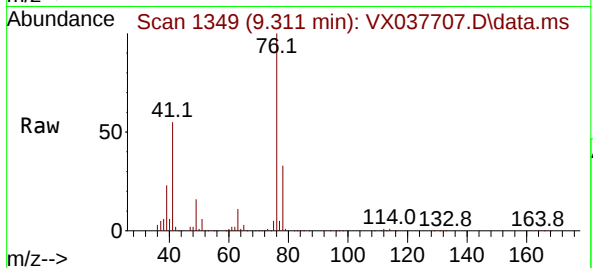
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 255.446 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037707.D

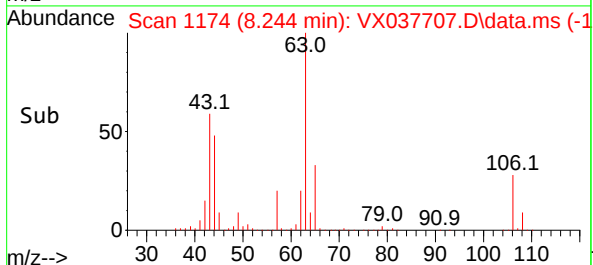
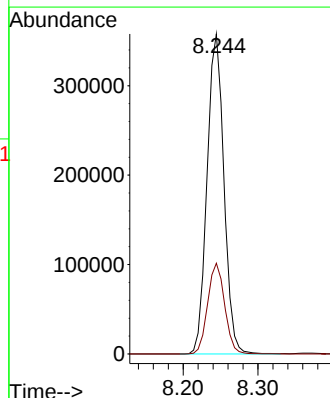
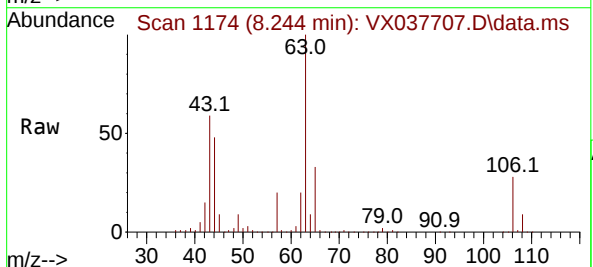
Acq: 13 Sep 2023 20:10

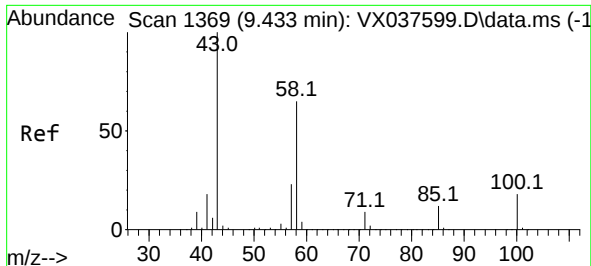
Tgt Ion: 63 Resp: 560917

Ion Ratio Lower Upper

63 100

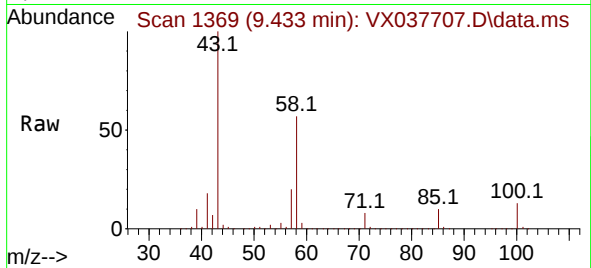
106 28.6 22.5 33.7





#59
2-Hexanone
Concen: 242.402 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

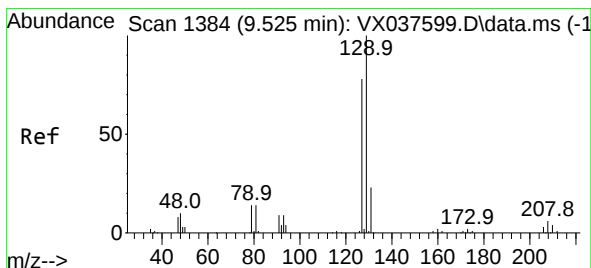
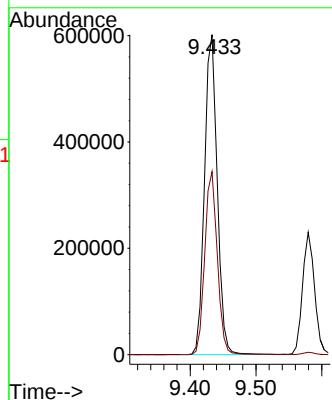
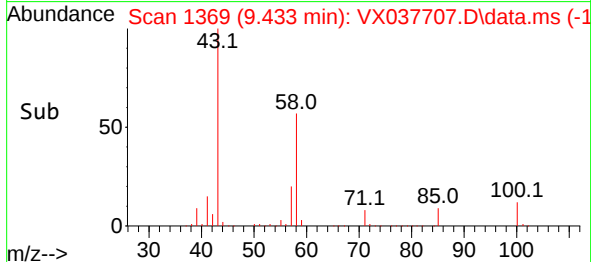
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 808790
Ion Ratio Lower Upper
43 100
58 56.7 26.2 78.5

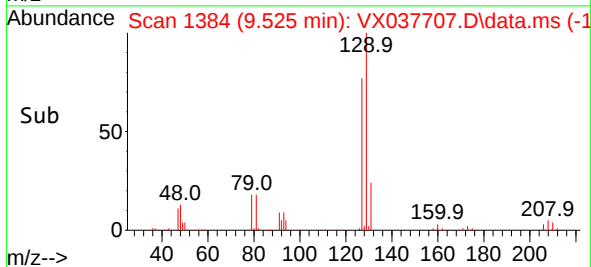
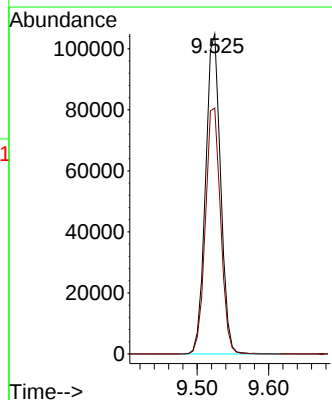
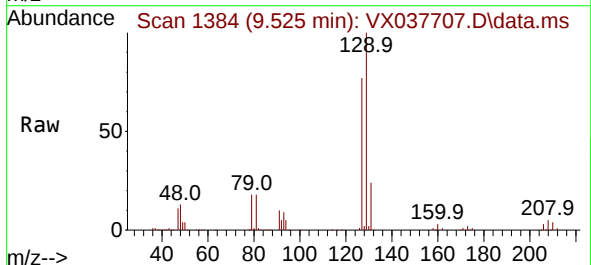
Manual Integrations
APPROVED

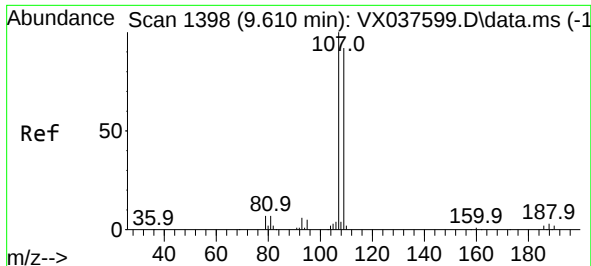
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#60
Dibromochloromethane
Concen: 52.623 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

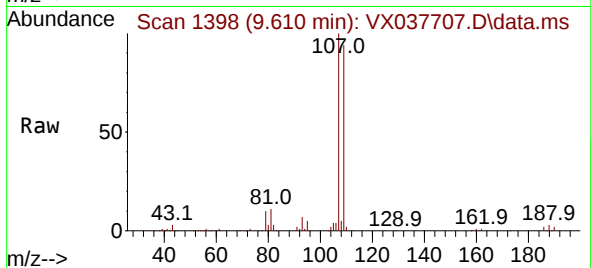
Tgt Ion:129 Resp: 152993
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.149 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

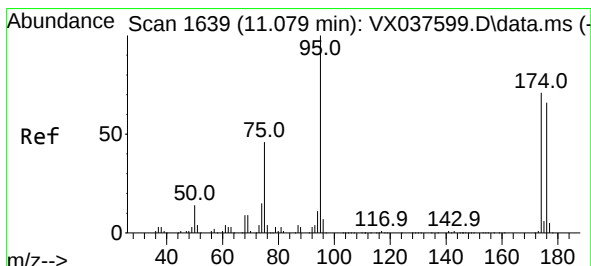
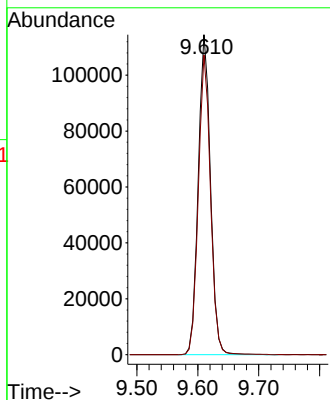
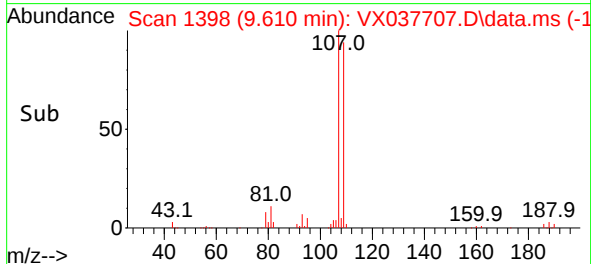
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



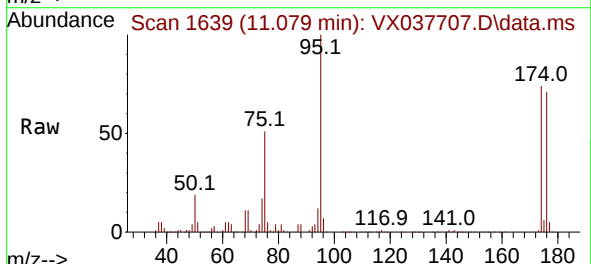
Tgt Ion:107 Resp: 159552
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8

Manual Integrations
APPROVED

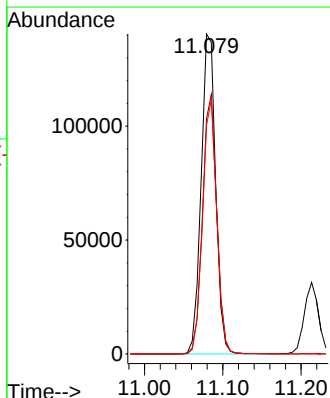
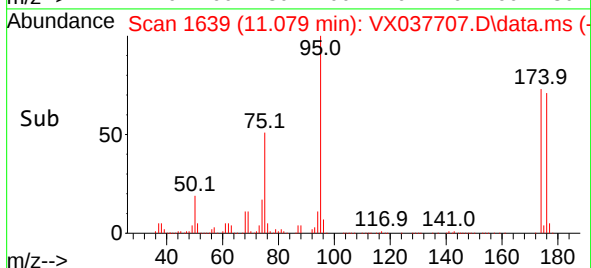
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

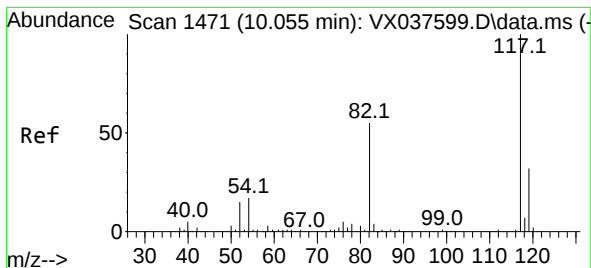


#62
4-Bromofluorobenzene
Concen: 49.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10



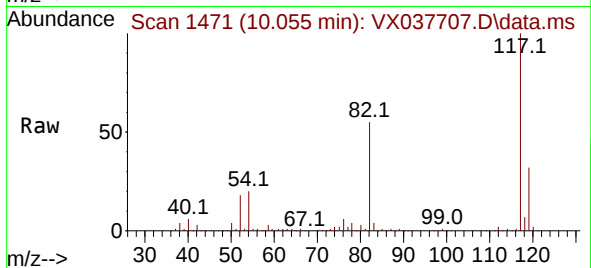
Tgt Ion: 95 Resp: 180338
Ion Ratio Lower Upper
95 100
174 79.3 0.0 135.6
176 77.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

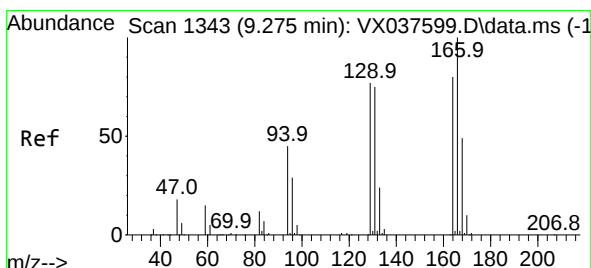
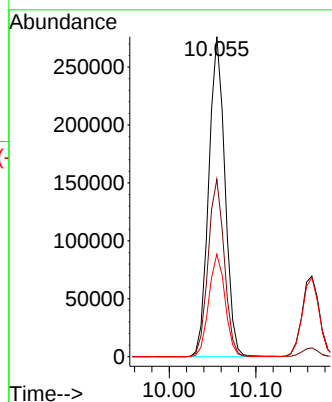
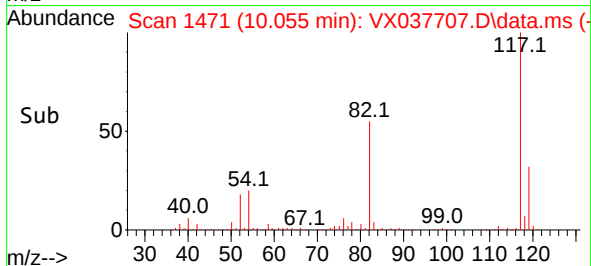
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 35863
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.0 25.5 38.3

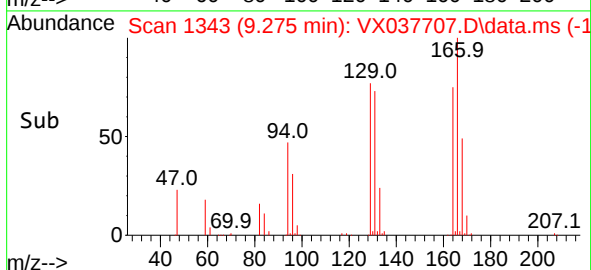
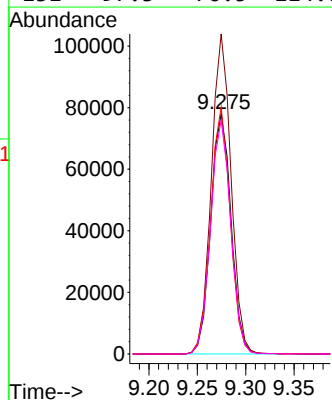
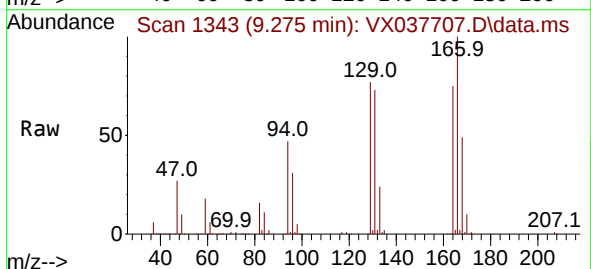
Manual Integrations
APPROVED

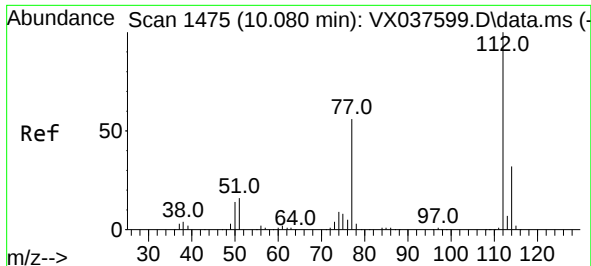
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#64
Tetrachloroethene
Concen: 49.108 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

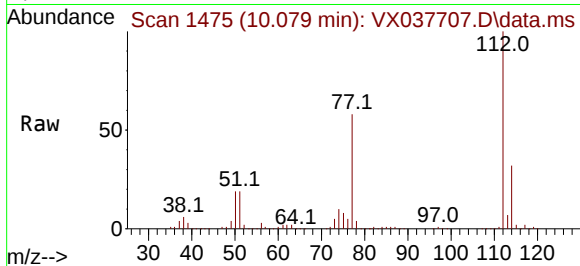
Tgt Ion:164 Resp: 114108
Ion Ratio Lower Upper
164 100
166 133.4 102.7 154.1
129 103.0 80.4 120.6
131 97.3 76.5 114.7





#65
Chlorobenzene
Concen: 48.958 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

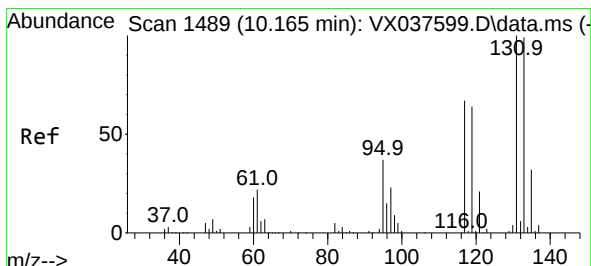
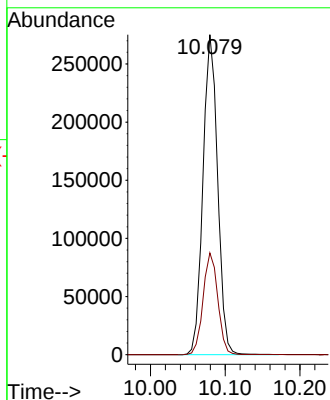
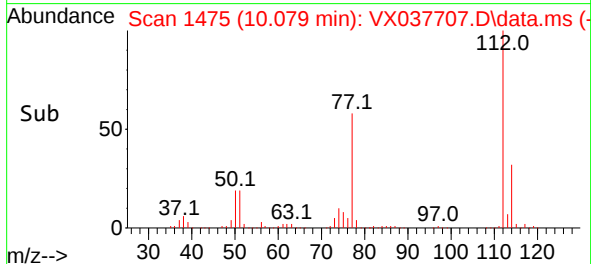
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 374239
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

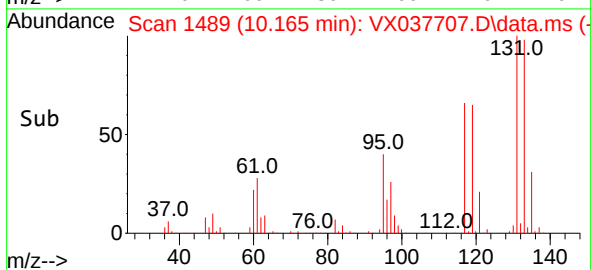
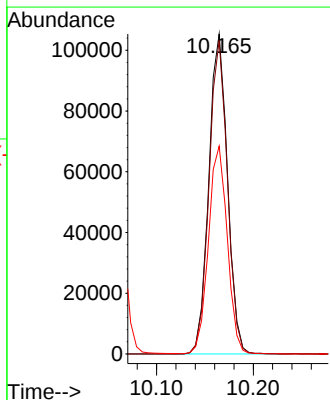
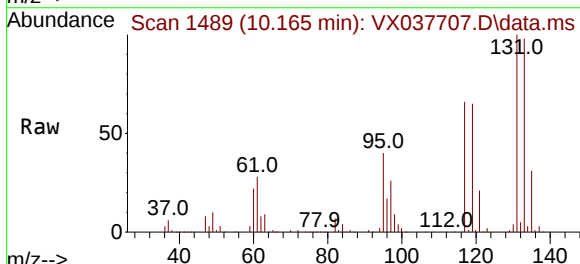
Manual Integrations
APPROVED

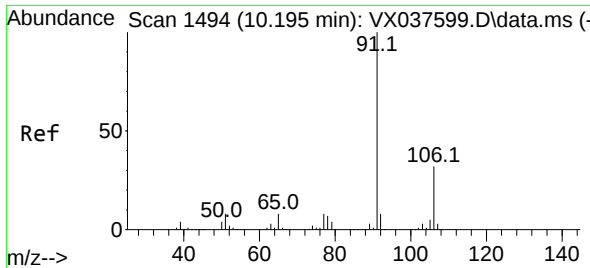
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.635 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

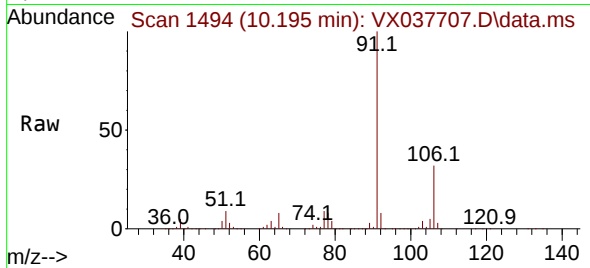
Tgt Ion:131 Resp: 141301
Ion Ratio Lower Upper
131 100
133 96.5 47.1 141.4
119 65.7 32.2 96.6





#67
Ethyl Benzene
Concen: 49.072 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

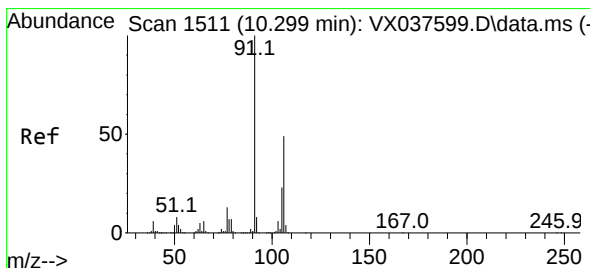
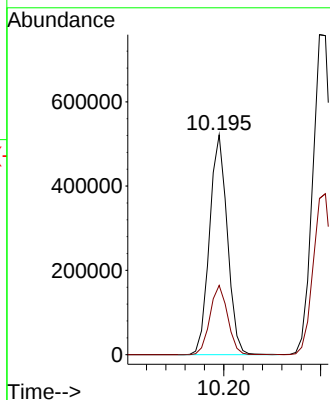
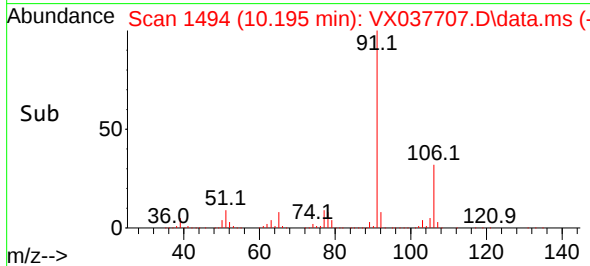
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



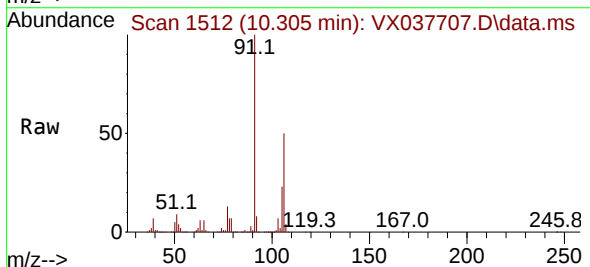
Tgt Ion: 91 Resp: 66755
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

Manual Integrations
APPROVED

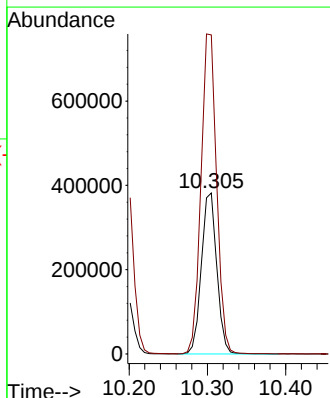
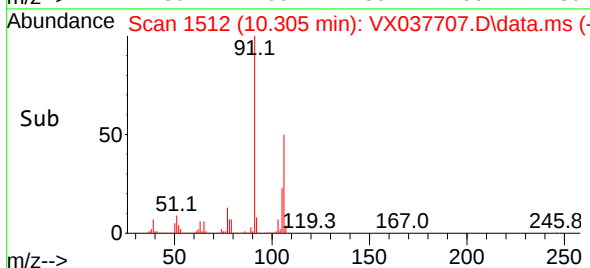
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

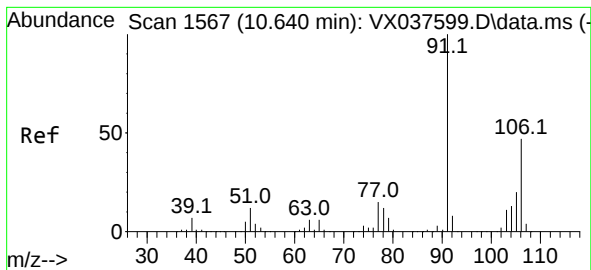


#68
m/p-Xylenes
Concen: 100.341 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10



Tgt Ion:106 Resp: 520467
Ion Ratio Lower Upper
106 100
91 201.9 165.5 248.3





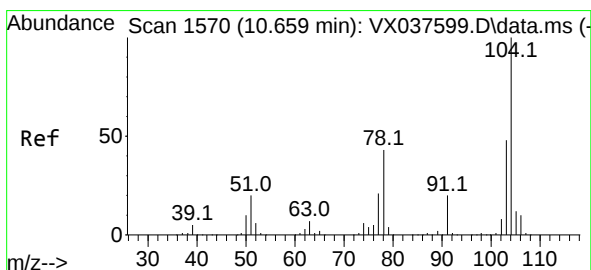
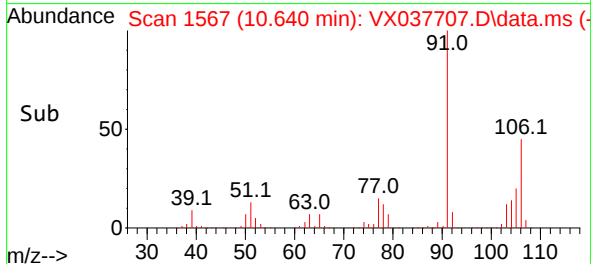
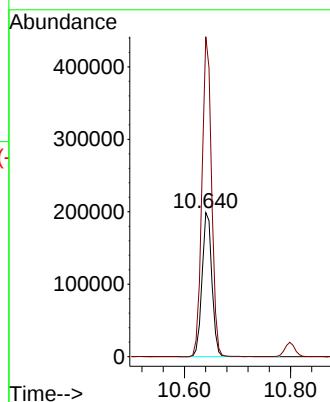
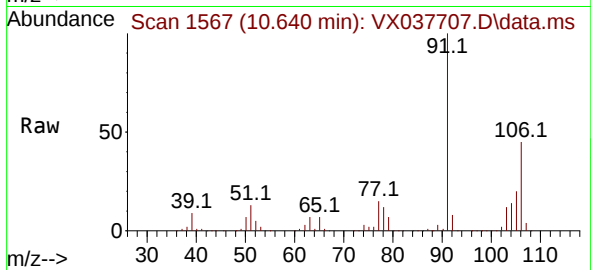
#69
o-Xylene
Concen: 49.821 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 257649
Ion Ratio Lower Upper
106 100
91 216.6 108.9 326.8

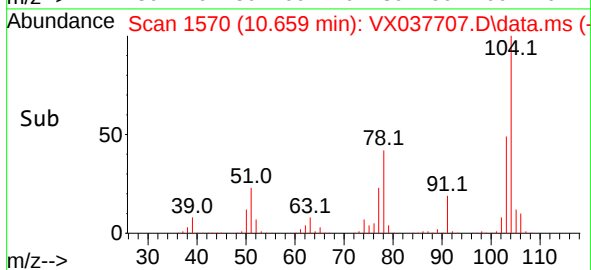
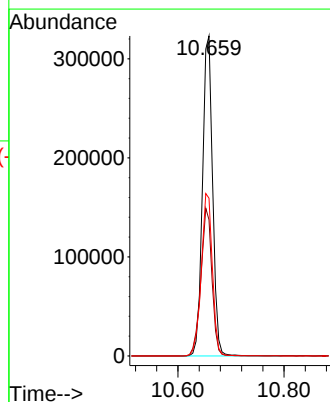
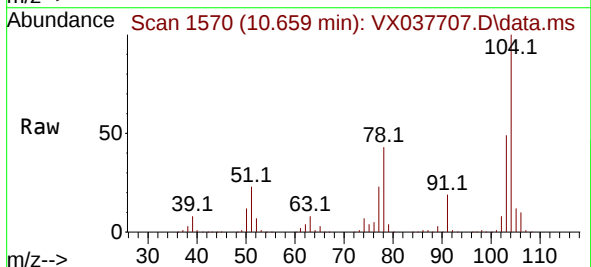
Manual Integrations
APPROVED

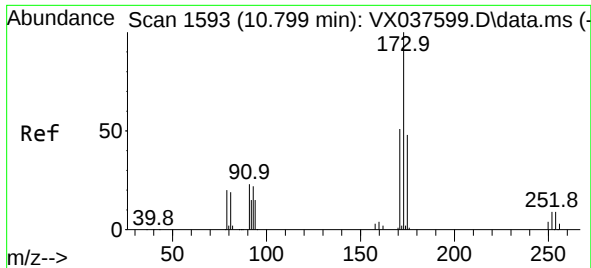
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#70
Styrene
Concen: 51.023 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

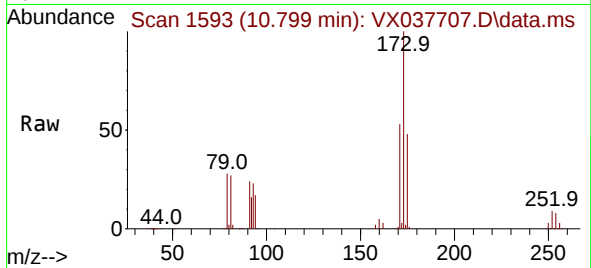
Tgt Ion:104 Resp: 430494
Ion Ratio Lower Upper
104 100
78 50.2 43.6 65.4
103 55.5 43.6 65.4





#71
Bromoform
Concen: 54.922 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

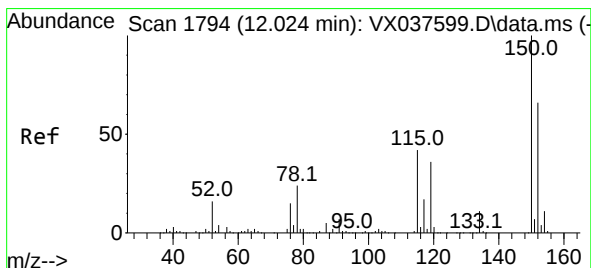
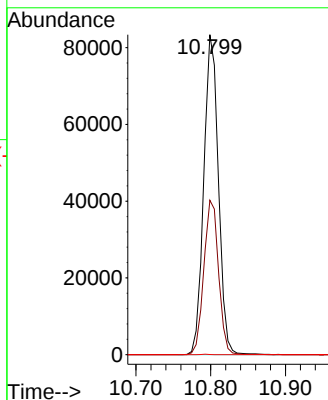
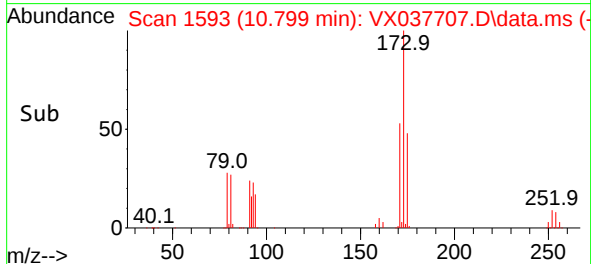
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



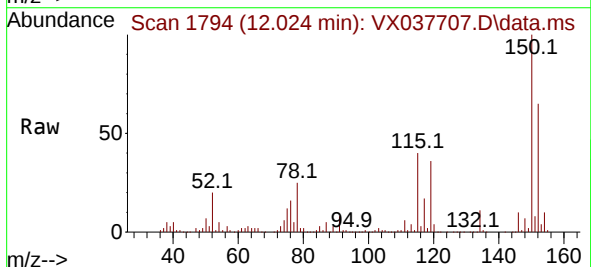
Tgt Ion:173 Resp: 113220
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

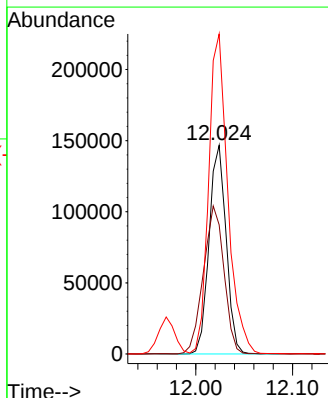
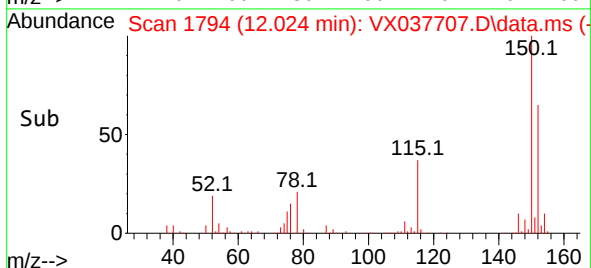
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

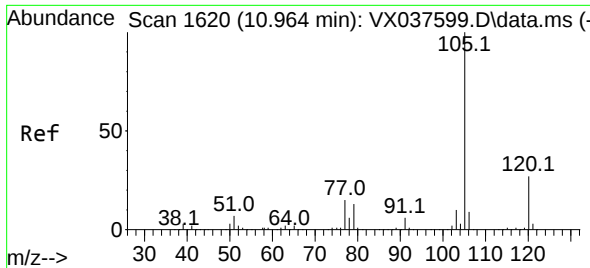


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10



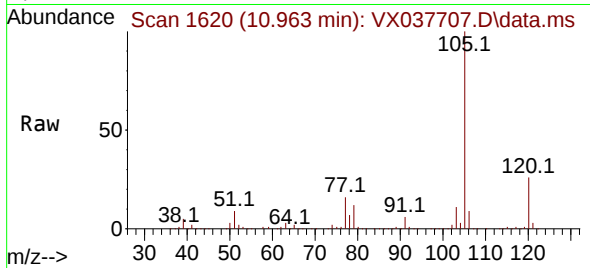
Tgt Ion:152 Resp: 180141
Ion Ratio Lower Upper
152 100
115 85.3 43.3 129.9
150 172.0 0.0 345.0





#73
Isopropylbenzene
Concen: 50.061 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

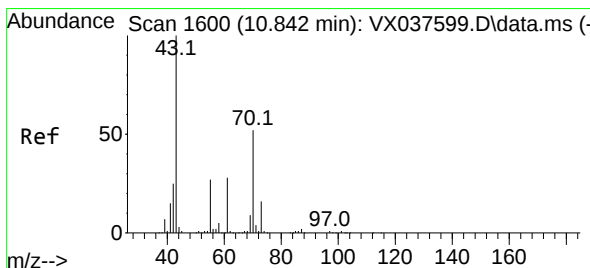
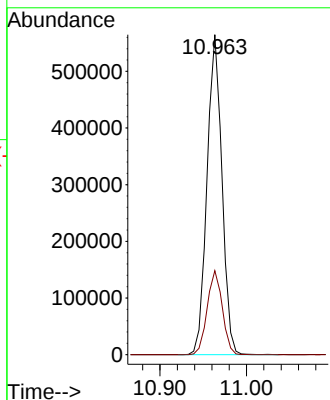
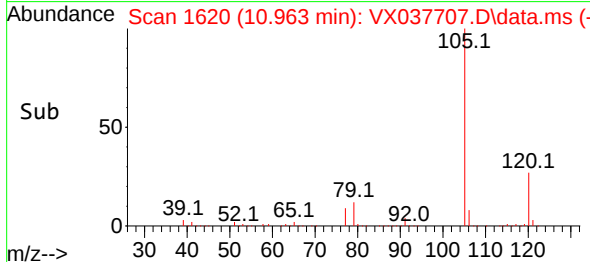
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



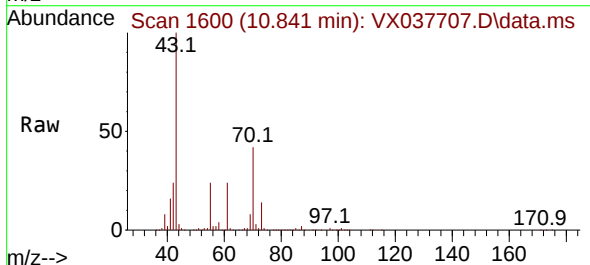
Tgt Ion:105 Resp: 675174
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

Manual Integrations
APPROVED

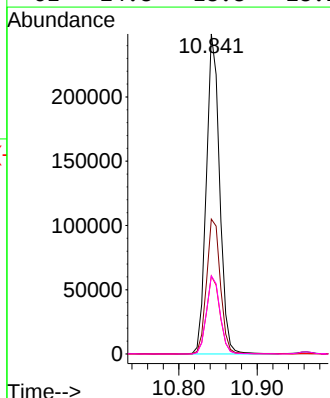
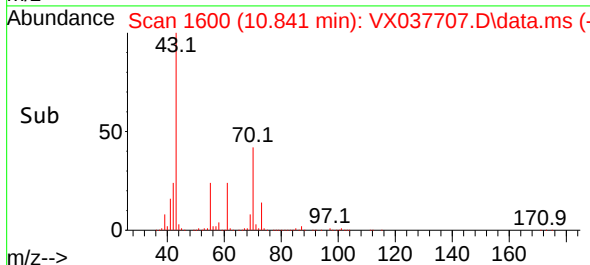
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

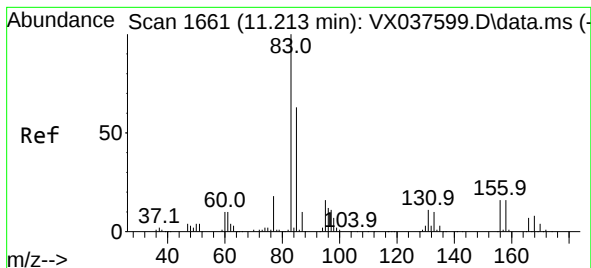


#74
N-ethyl acetate
Concen: 49.784 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10



Tgt Ion: 43 Resp: 292789
Ion Ratio Lower Upper
43 100
70 43.8 32.9 49.3
55 24.7 19.3 28.9
61 24.8 18.8 28.2





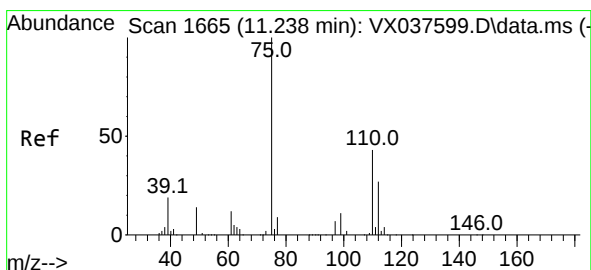
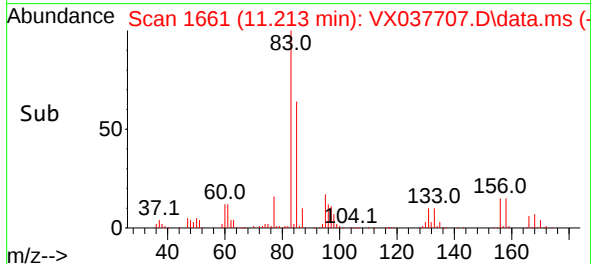
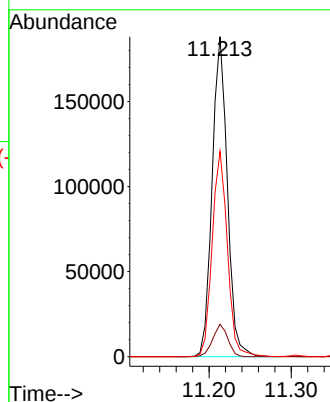
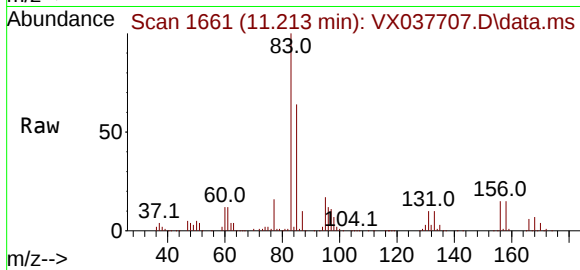
#75
1,1,2,2-Tetrachloroethane
Concen: 47.837 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 24143
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 64.3 32.0 96.2

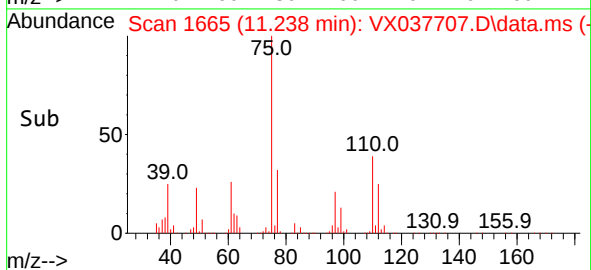
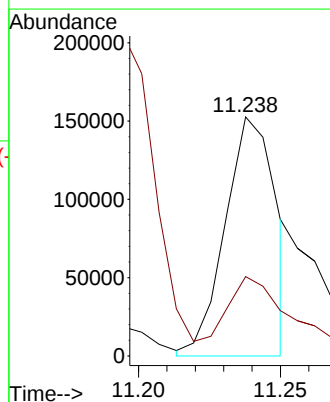
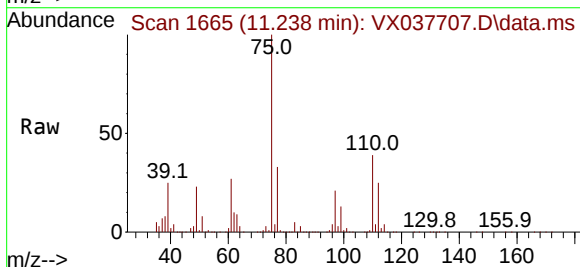
Manual Integrations
APPROVED

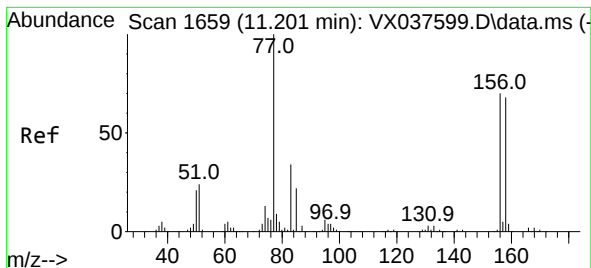
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#76
1,2,3-Trichloropropane
Concen: 47.822 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Tgt Ion: 75 Resp: 189393
Ion Ratio Lower Upper
75 100
77 43.9 19.1 57.5





#77

Bromobenzene

Concen: 51.604 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

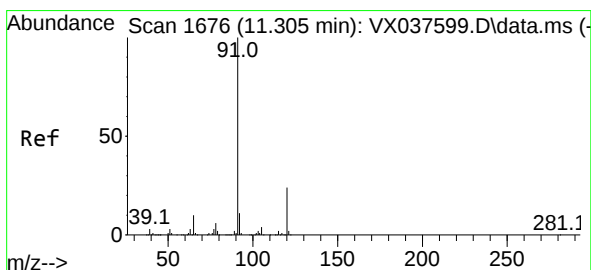
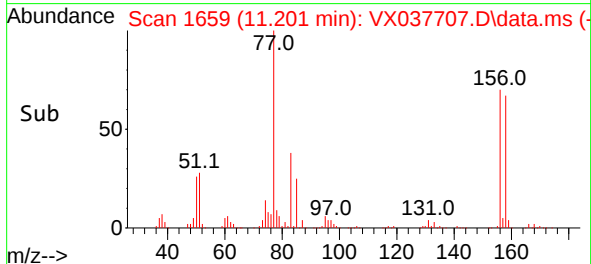
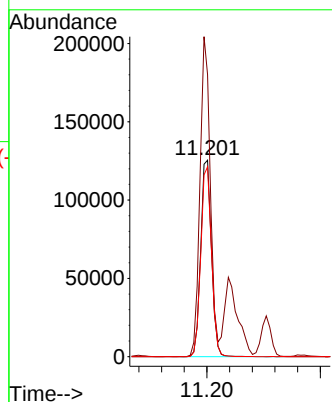
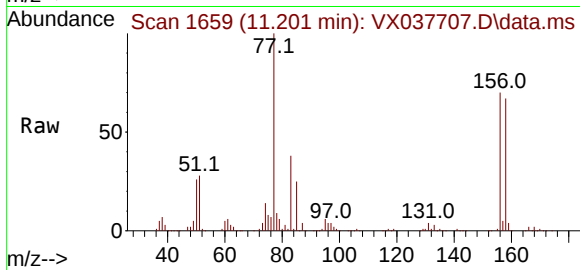
Tgt Ion:	156	Resp:	16493
Ion Ratio	Lower	Upper	
156	100		
77	155.5	88.4	265.3
158	96.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#78

n-propylbenzene

Concen: 49.764 ug/l

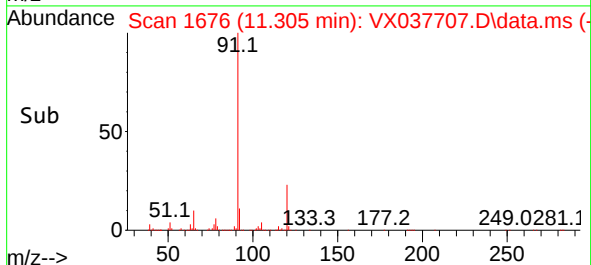
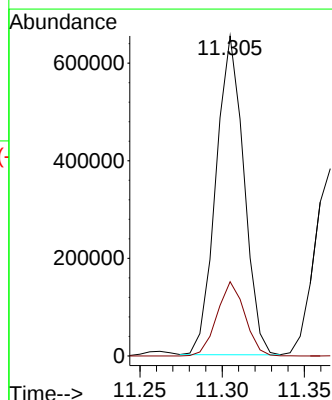
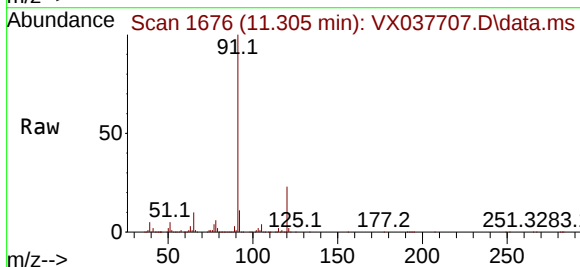
RT: 11.305 min Scan# 1676

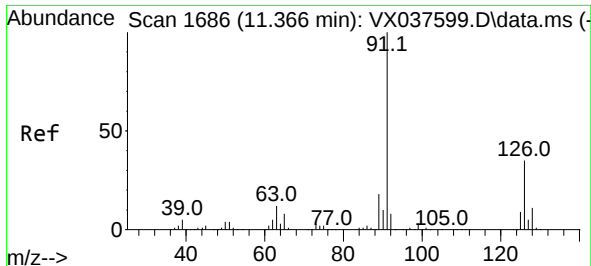
Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

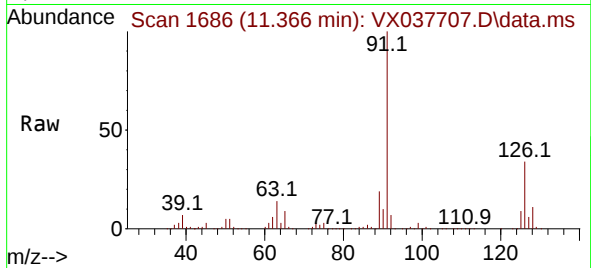
Tgt Ion:	91	Resp:	772165
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79
2-Chlorotoluene
Concen: 48.875 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

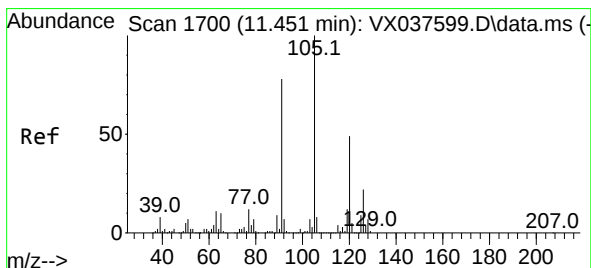
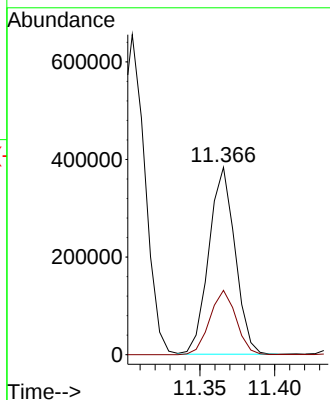
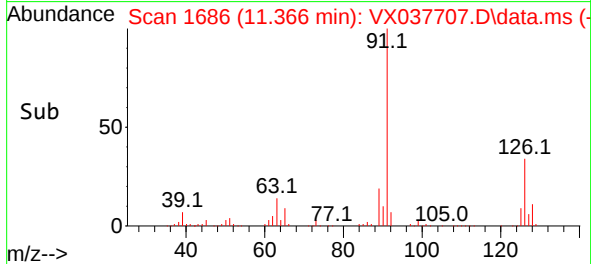
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



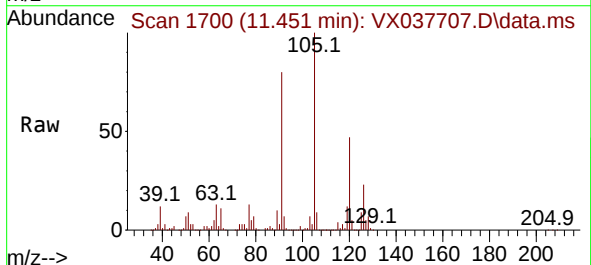
Tgt Ion: 91 Resp: 466819
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8

Manual Integrations
APPROVED

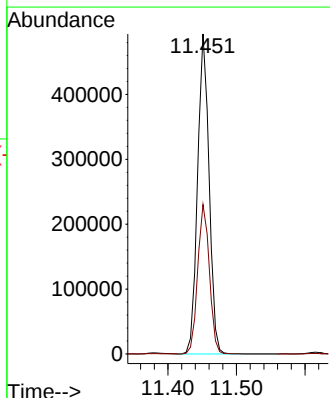
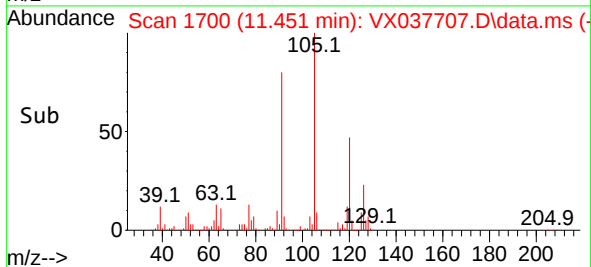
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

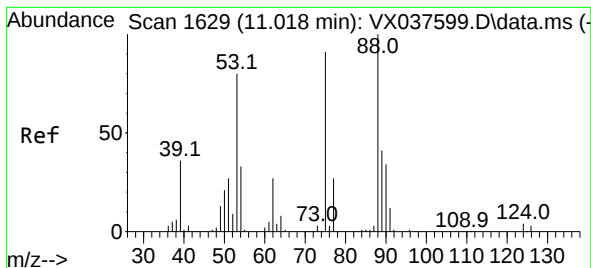


#80
1,3,5-Trimethylbenzene
Concen: 50.835 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10



Tgt Ion:105 Resp: 576209
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3





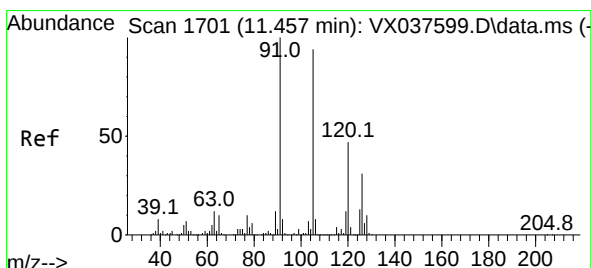
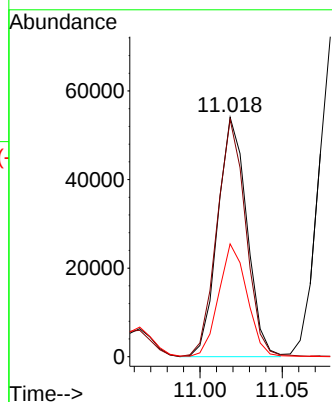
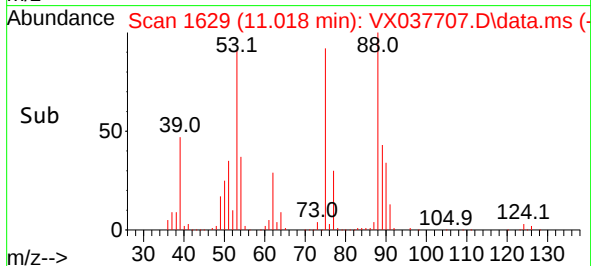
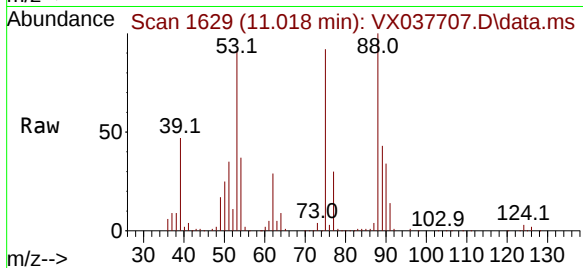
#81
trans-1,4-Dichloro-2-butene
Concen: 51.262 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 6678
Ion Ratio Lower Upper
75 100
53 97.4 90.5 135.7
89 45.8 36.9 55.3

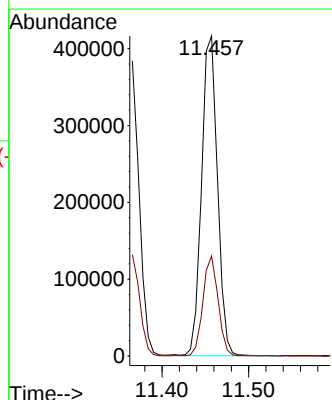
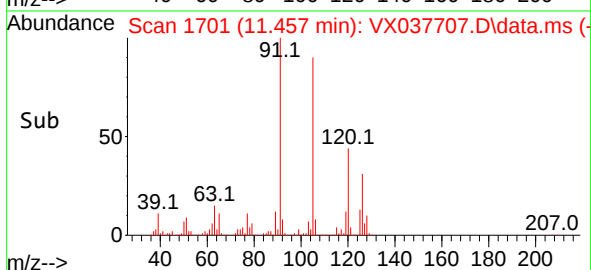
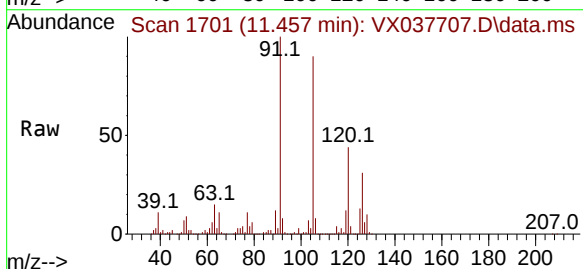
Manual Integrations
APPROVED

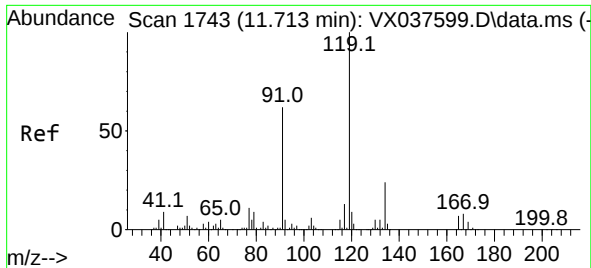
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#82
4-Chlorotoluene
Concen: 48.642 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

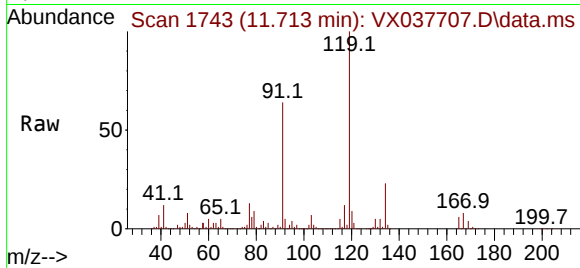
Tgt Ion: 91 Resp: 530721
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.144 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

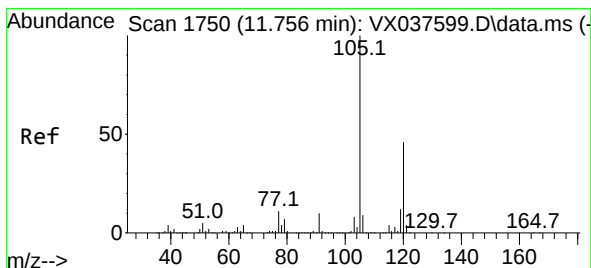
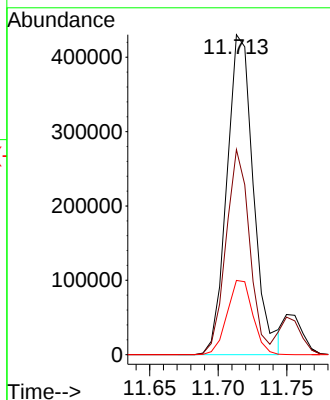
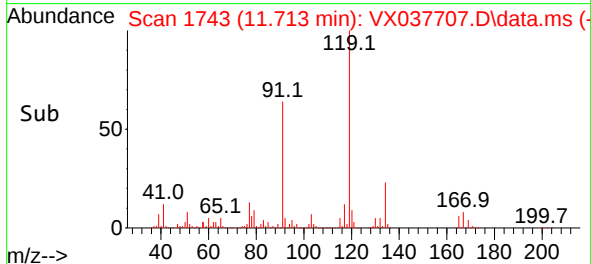
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



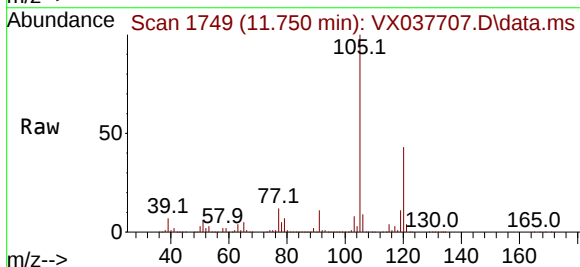
Tgt Ion:119 Resp: 58237
Ion Ratio Lower Upper
119 100
91 57.2 31.2 93.6
134 22.4 11.7 35.0

Manual Integrations
APPROVED

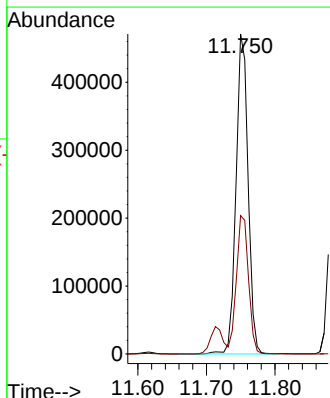
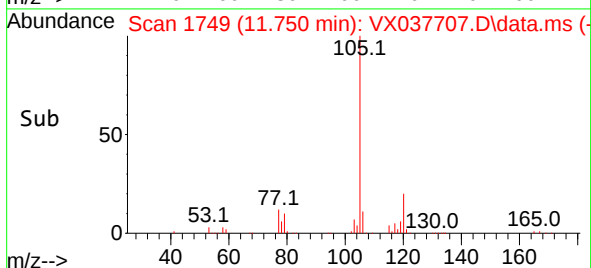
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

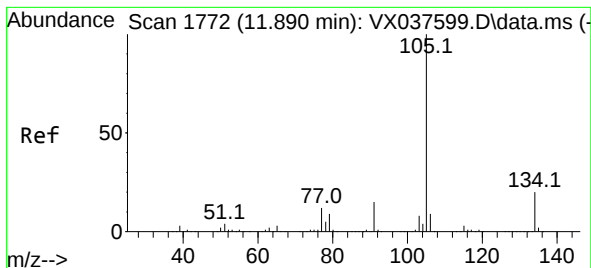


#84
1,2,4-Trimethylbenzene
Concen: 50.408 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10



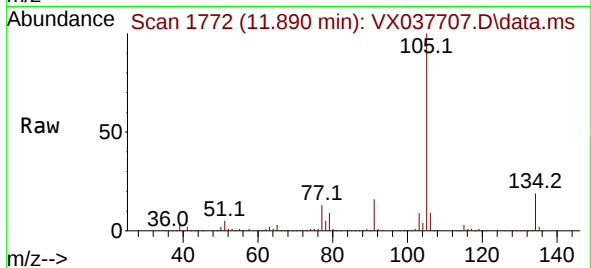
Tgt Ion:105 Resp: 576053
Ion Ratio Lower Upper
105 100
120 43.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.783 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037707.D
 Acq: 13 Sep 2023 20:10

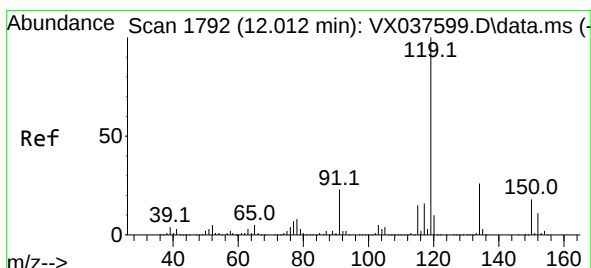
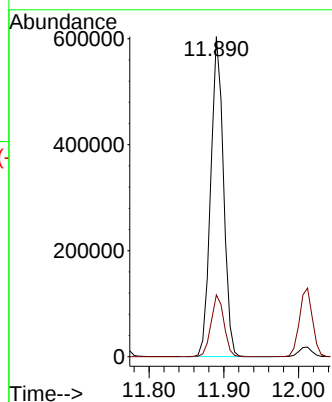
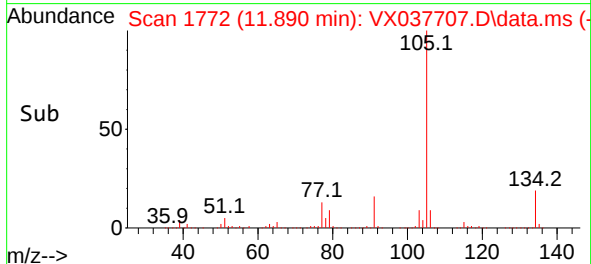
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



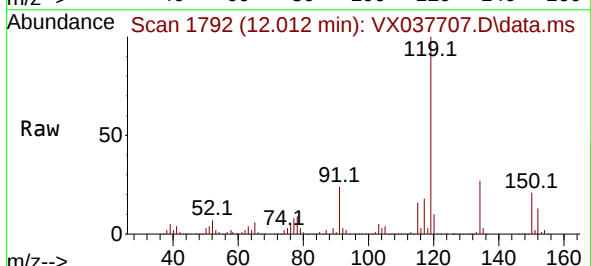
Tgt Ion:105 Resp: 713912
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
 APPROVED

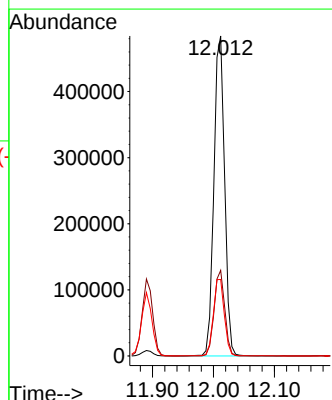
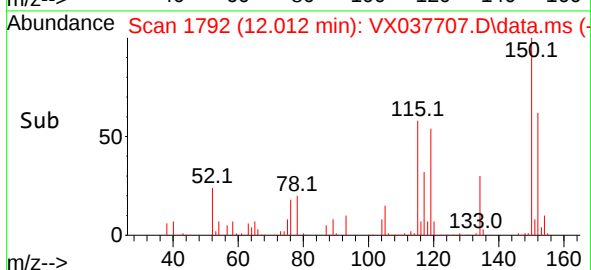
Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/14/2023

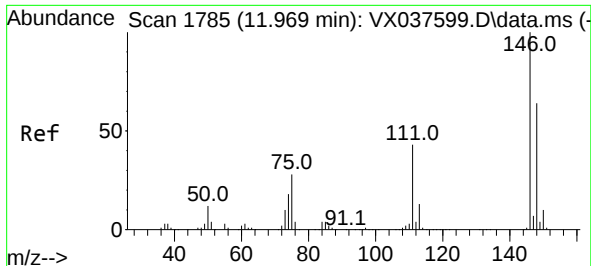


#86
 p-Isopropyltoluene
 Concen: 51.282 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037707.D
 Acq: 13 Sep 2023 20:10



Tgt Ion:119 Resp: 590743
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 24.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.452 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 30348

Ion Ratio Lower Upper

146 100

111 40.2 22.1 66.1

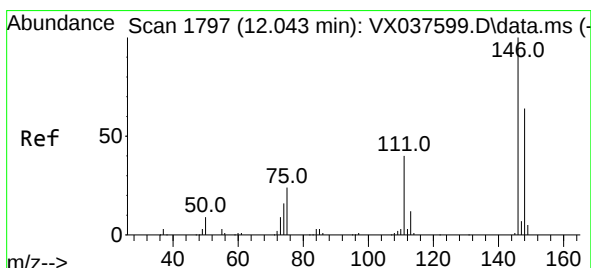
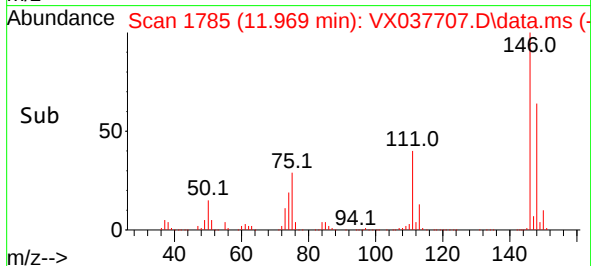
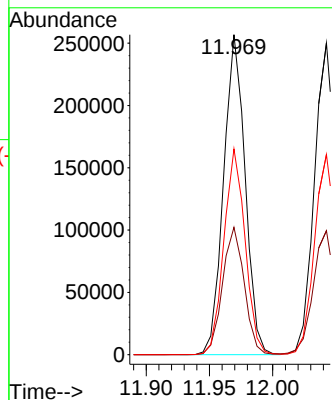
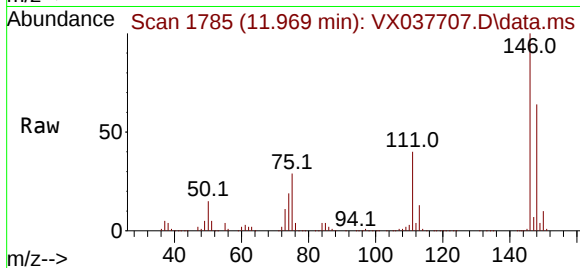
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#88

1,4-Dichlorobenzene

Concen: 47.944 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

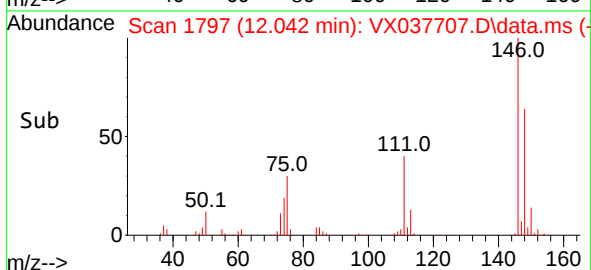
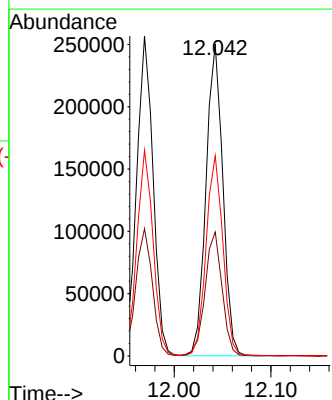
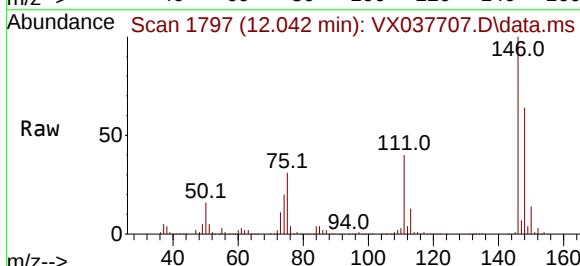
Tgt Ion:146 Resp: 302386

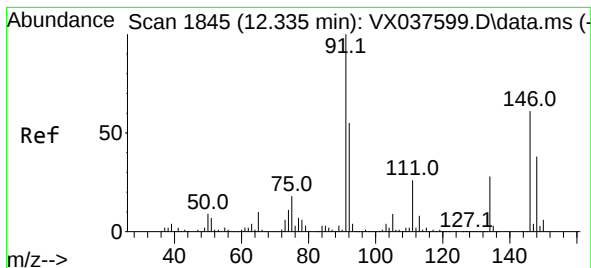
Ion Ratio Lower Upper

146 100

111 40.3 21.3 63.7

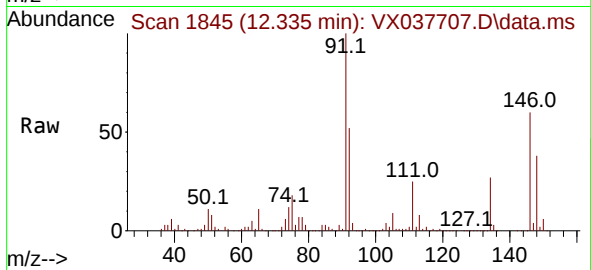
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 49.084 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

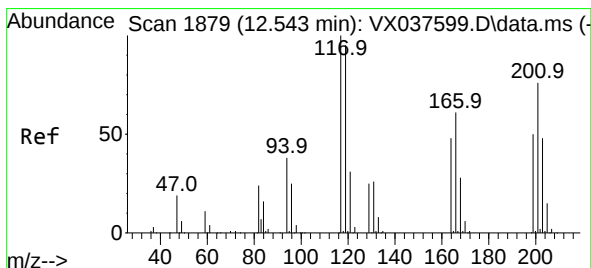
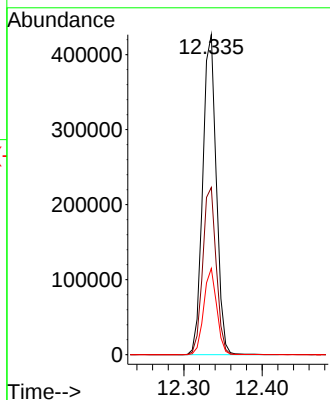
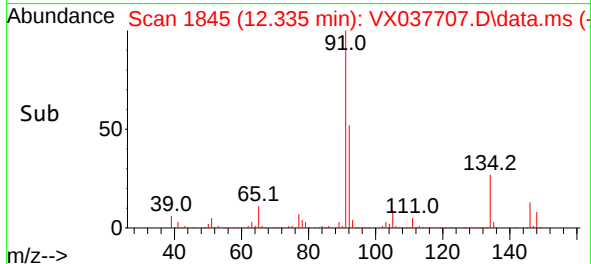
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 512100
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 25.9 12.6 37.8

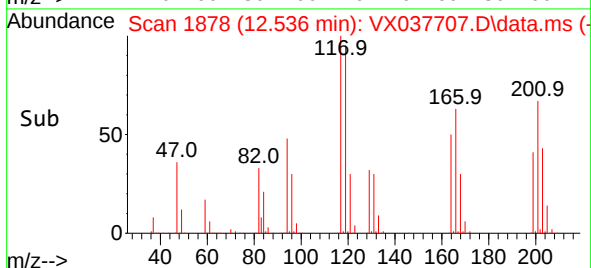
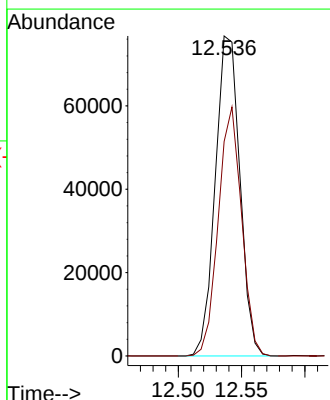
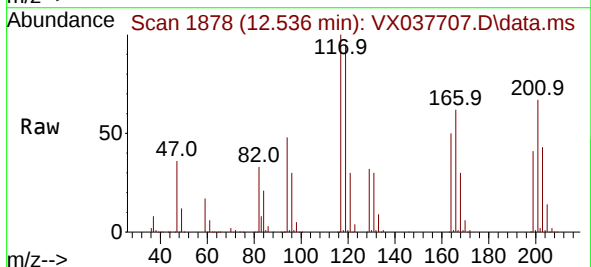
Manual Integrations
APPROVED

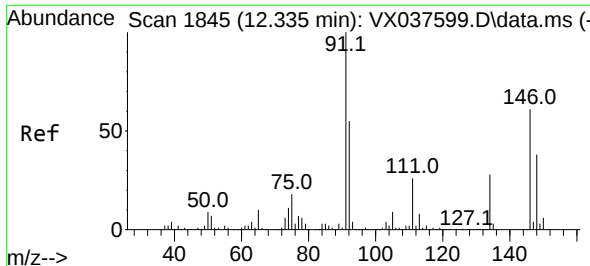
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#90
Hexachloroethane
Concen: 53.264 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Tgt Ion:117 Resp: 103539
Ion Ratio Lower Upper
117 100
201 73.8 32.9 98.6





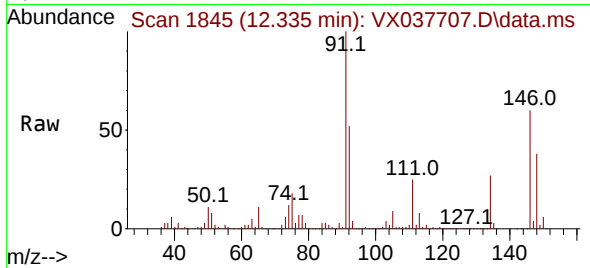
#91
1,2-Dichlorobenzene
Concen: 50.302 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



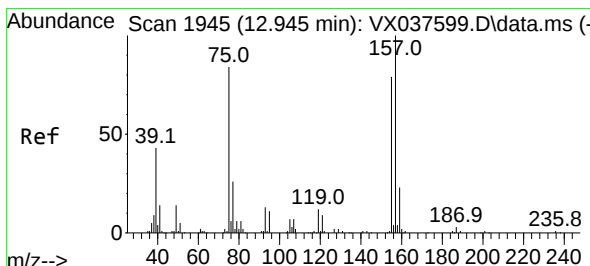
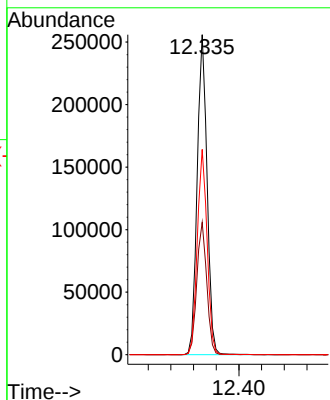
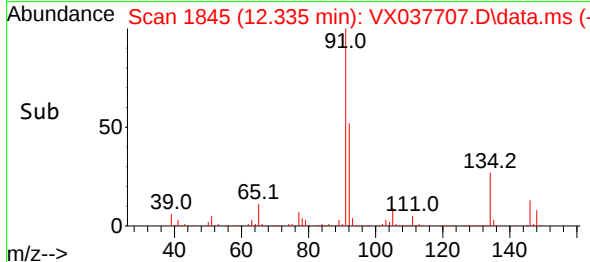
Tgt Ion:146 Resp: 308854
Ion Ratio Lower Upper
146 100
111 41.7 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations

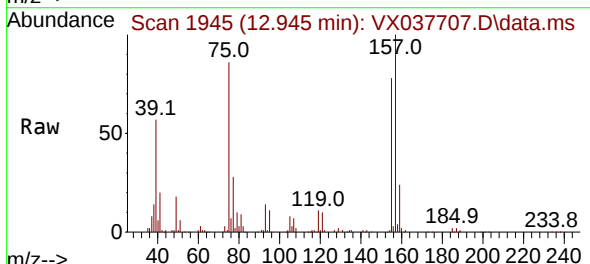
APPROVED

Reviewed By :John Carlone 09/14/2023

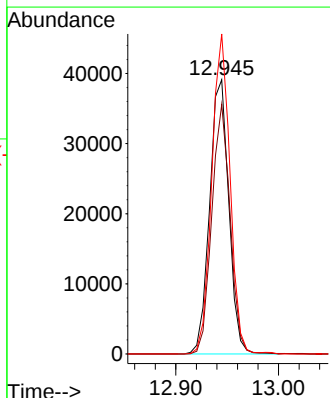
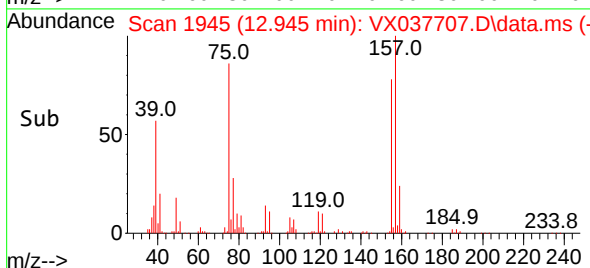
Supervised By :Mahesh Dadoda 09/14/2023

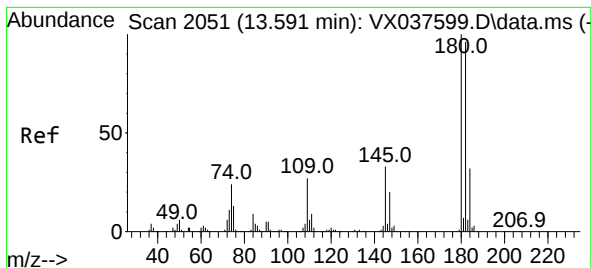


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.967 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037707.D
Acq: 13 Sep 2023 20:10



Tgt Ion: 75 Resp: 50746
Ion Ratio Lower Upper
75 100
155 86.9 36.1 108.5
157 110.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.608 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

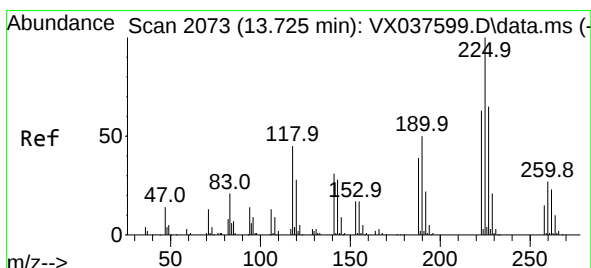
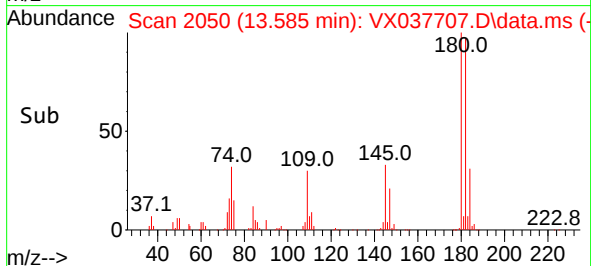
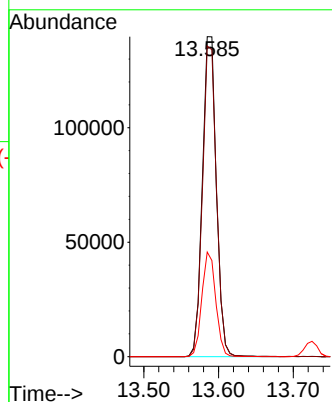
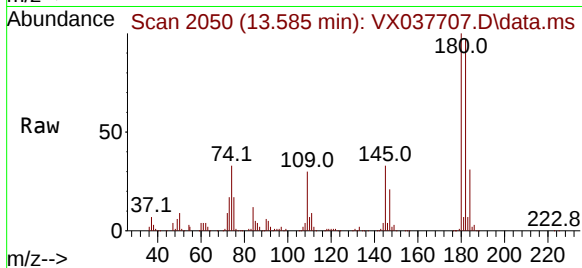
Tgt Ion:180	Resp: 18139
Ion Ratio	Lower Upper
180 100	
182 97.0	48.3 144.8
145 32.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#94

Hexachlorobutadiene

Concen: 53.110 ug/l

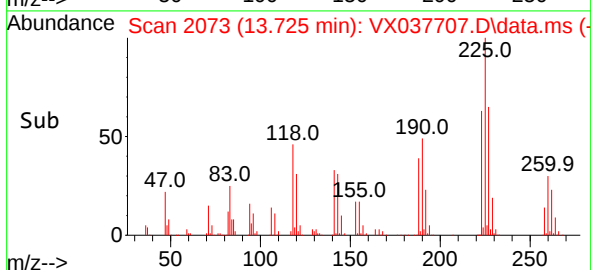
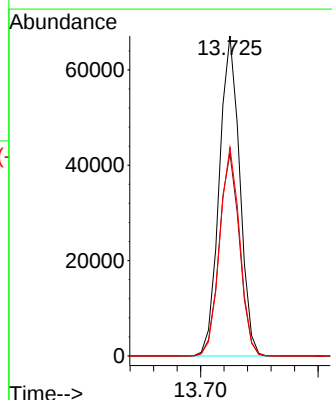
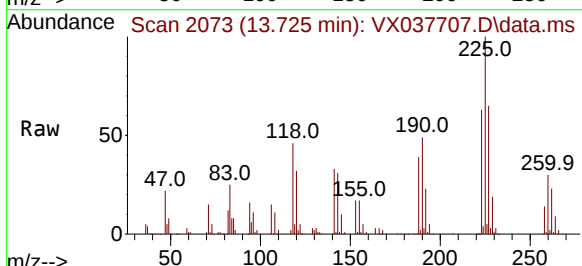
RT: 13.725 min Scan# 2073

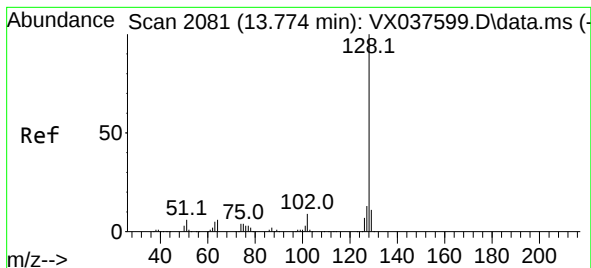
Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

Tgt Ion:225	Resp: 81124
Ion Ratio	Lower Upper
225 100	
223 62.6	31.1 93.2
227 63.9	32.5 97.5





#95

Naphthalene

Concen: 50.143 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

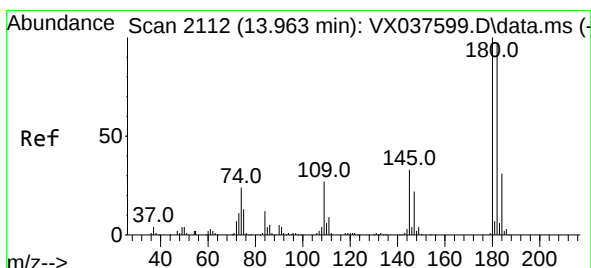
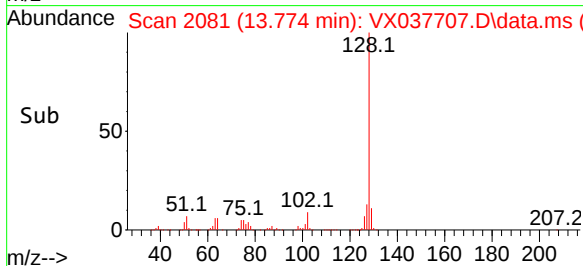
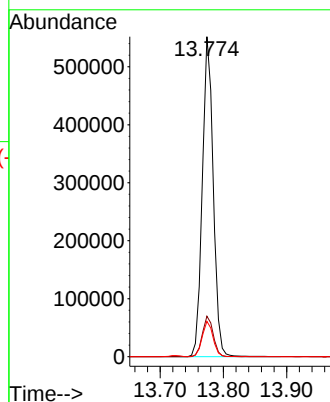
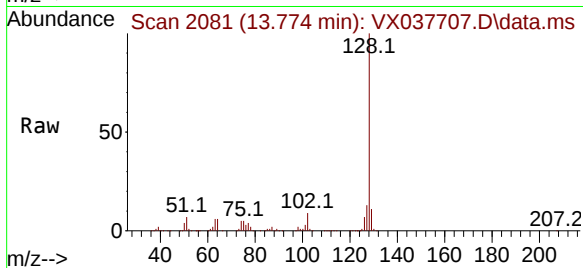
Tgt Ion:	128	Resp:	664170
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 50.615 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037707.D

Acq: 13 Sep 2023 20:10

Tgt Ion:	180	Resp:	189899
Ion Ratio	Lower	Upper	
180	100		
182	94.3	46.9	140.6
145	33.3	17.8	53.5

