

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039708.D
 Acq On : 10 Jan 2024 16:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 04:01:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85803	49.657	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.320%		
35) Dibromofluoromethane	5.379	113	63430	48.654	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.300%		
50) Toluene-d8	8.647	98	238201	48.445	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.880%		
62) 4-Bromofluorobenzene	11.079	95	96835	50.362	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57496	43.082	ug/l	97
3) Chloromethane	1.294	50	70141	46.020	ug/l	96
4) Vinyl Chloride	1.374	62	67338	46.815	ug/l	98
5) Bromomethane	1.599	94	39462	48.082	ug/l	99
6) Chloroethane	1.685	64	40265	49.242	ug/l	98
7) Trichlorofluoromethane	1.886	101	97124	46.808	ug/l	99
8) Diethyl Ether	2.130	74	37242	48.568	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	58269	45.297	ug/l	98
10) Methyl Iodide	2.453	142	66926	49.316	ug/l	95
11) Tert butyl alcohol	2.959	59	103789	230.751	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	58817	47.377	ug/l	96
13) Acrolein	2.233	56	71188	257.797	ug/l	99
14) Allyl chloride	2.660	41	118740	48.595	ug/l	97
15) Acrylonitrile	3.062	53	231467	249.130	ug/l	99
16) Acetone	2.380	43	253456	260.822	ug/l	93
17) Carbon Disulfide	2.514	76	167769	47.017	ug/l	98
18) Methyl Acetate	2.703	43	100481	49.424	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	217023	49.240	ug/l	100
20) Methylene Chloride	2.788	84	70924	48.252	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	63954	48.952	ug/l	99
22) Diisopropyl ether	3.757	45	230519	49.436	ug/l	97
23) Vinyl Acetate	3.721	43	1125794	259.729	ug/l	99
24) 1,1-Dichloroethane	3.611	63	127006	49.509	ug/l	99
25) 2-Butanone	4.556	43	351353	251.599	ug/l	100
26) 2,2-Dichloropropane	4.477	77	98842	48.008	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	76068	50.765	ug/l	97
28) Bromochloromethane	4.897	49	59844	51.465	ug/l	93
29) Tetrahydrofuran	5.001	42	220066	244.834	ug/l	100
30) Chloroform	5.092	83	126647	50.011	ug/l	98
31) Cyclohexane	5.464	56	105557	46.289	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	106051	48.916	ug/l	98
36) 1,1-Dichloropropene	5.690	75	92709	45.686	ug/l	99
37) Ethyl Acetate	4.708	43	127047	46.930	ug/l	99
38) Carbon Tetrachloride	5.678	117	86366	46.469	ug/l	99
39) Methylcyclohexane	7.379	83	109146	44.791	ug/l	99
40) Benzene	6.037	78	272736	47.464	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	67208	50.767	ug/l	97
42) 1,2-Dichloroethane	6.086	62	106929	48.947	ug/l	100
43) Isopropyl Acetate	6.336	43	196562	49.495	ug/l	100
44) Trichloroethene	7.123	130	65940	46.824	ug/l	90
45) 1,2-Dichloropropane	7.427	63	73517	47.694	ug/l	100
46) Dibromomethane	7.580	93	51769	48.624	ug/l	97
47) Bromodichloromethane	7.818	83	97914	49.656	ug/l	98
48) Methyl methacrylate	7.690	41	96564	49.468	ug/l	96
49) 1,4-Dioxane	7.659	88	35853	949.214	ug/l #	97
51) 4-Methyl-2-Pentanone	8.573	43	656236	239.932	ug/l	99
52) Toluene	8.714	92	166160	48.413	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	107859	51.549	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	116037	50.435	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	70795	48.448	ug/l	95
56) Ethyl methacrylate	9.116	69	119702	50.614	ug/l	97
57) 1,3-Dichloropropane	9.305	76	121333	48.998	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	281335	251.670	ug/l	95
59) 2-Hexanone	9.427	43	534243	246.801	ug/l	99
60) Dibromochloromethane	9.518	129	70054	50.836	ug/l	97
61) 1,2-Dibromoethane	9.610	107	75265	49.739	ug/l	99
64) Tetrachloroethene	9.275	164	53236	45.937	ug/l	99
65) Chlorobenzene	10.079	112	175657	47.326	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	62381	49.358	ug/l	98
67) Ethyl Benzene	10.195	91	327002	47.454	ug/l	100
68) m/p-Xylenes	10.299	106	243593	96.120	ug/l	95
69) o-Xylene	10.640	106	119837	47.749	ug/l	95
70) Styrene	10.652	104	201383	49.121	ug/l	98
71) Bromoform	10.799	173	48776	51.397	ug/l #	100
73) Isopropylbenzene	10.963	105	313791	44.944	ug/l	100
74) N-amyl acetate	10.841	43	178890	49.155	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	121851	45.705	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	103870m	45.687	ug/l	
77) Bromobenzene	11.195	156	70855	45.580	ug/l	95
78) n-propylbenzene	11.305	91	389163	46.053	ug/l	98
79) 2-Chlorotoluene	11.360	91	231475	44.320	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	272957	46.032	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	35961	47.492	ug/l	95
82) 4-Chlorotoluene	11.451	91	268081	45.253	ug/l	99
83) tert-Butylbenzene	11.713	119	257825	45.543	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	273888	46.297	ug/l	99
85) sec-Butylbenzene	11.890	105	336469	45.785	ug/l	98
86) p-Isopropyltoluene	12.006	119	274510	46.738	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	136199	45.707	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	138184	44.899	ug/l	99
89) n-Butylbenzene	12.329	91	264830	46.684	ug/l	96
90) Hexachloroethane	12.536	117	48002	48.445	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	133471	45.306	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30726	47.032	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	83964	46.639	ug/l	98
94) Hexachlorobutadiene	13.725	225	33305	44.503	ug/l	98
95) Naphthalene	13.774	128	306897	46.306	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	83983	46.222	ug/l	99

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

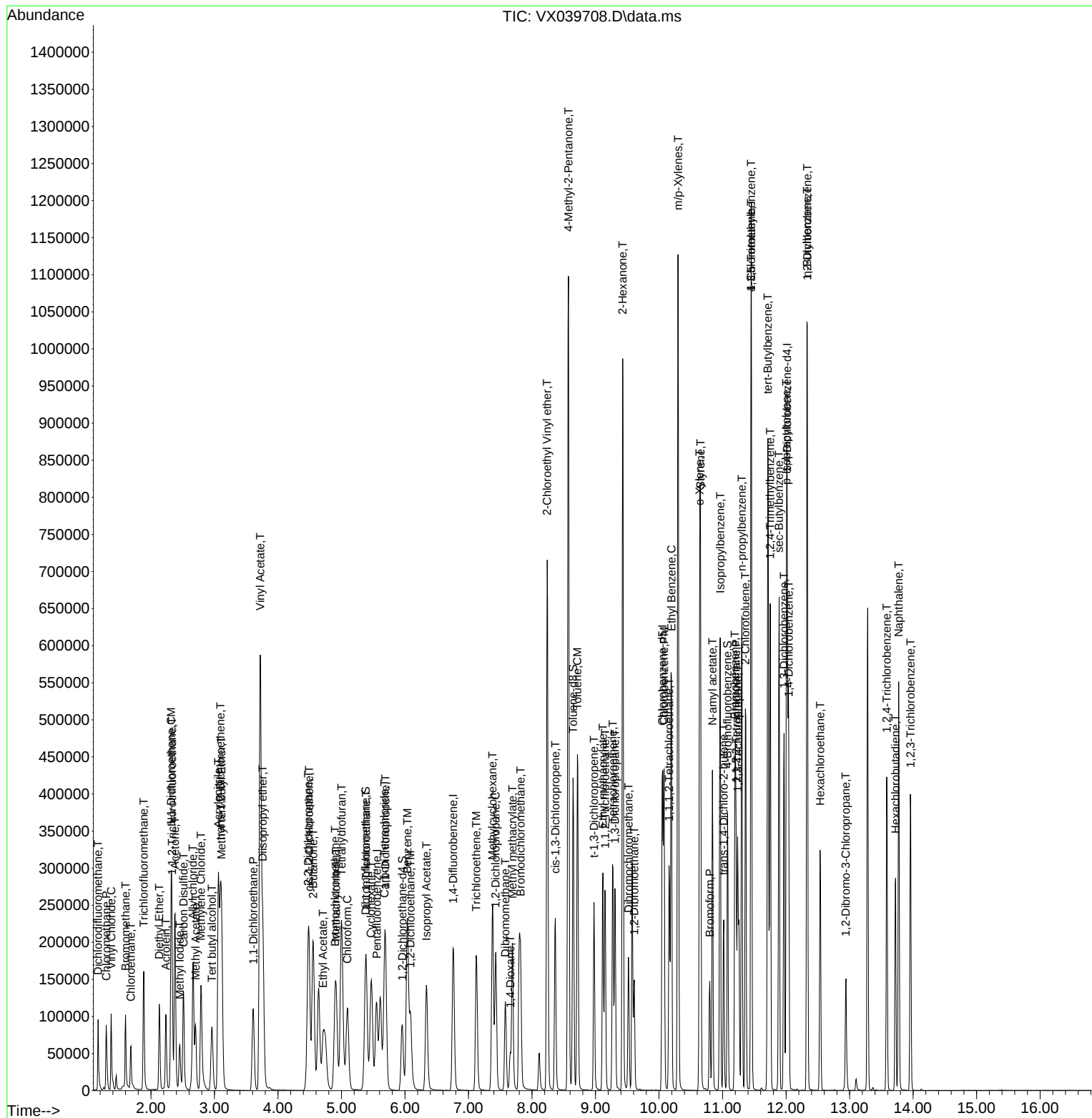
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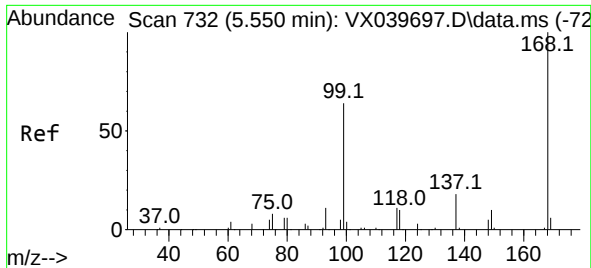
Instrument :
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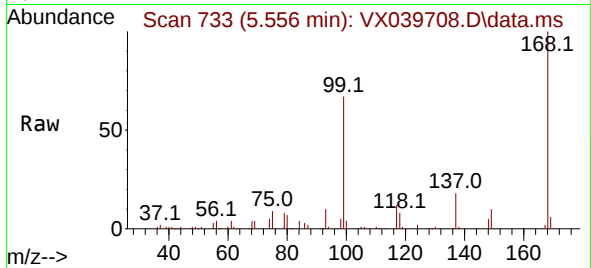
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039708.D
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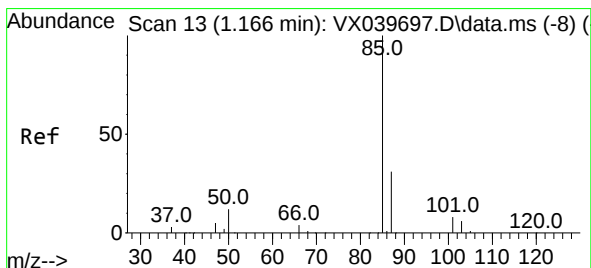
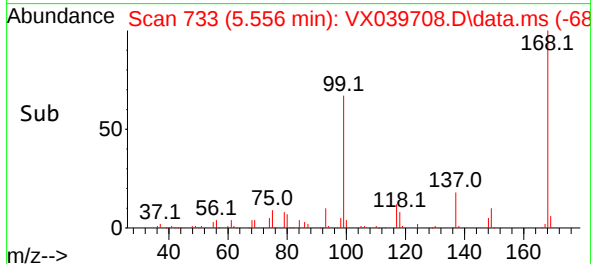
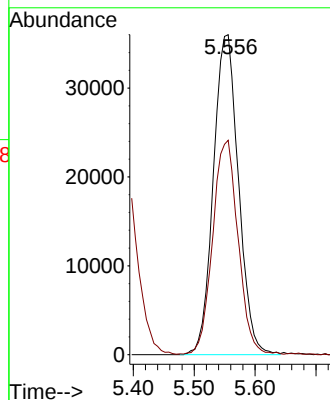
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 103149
Ion Ratio Lower Upper
168 100
99 66.8 56.6 85.0

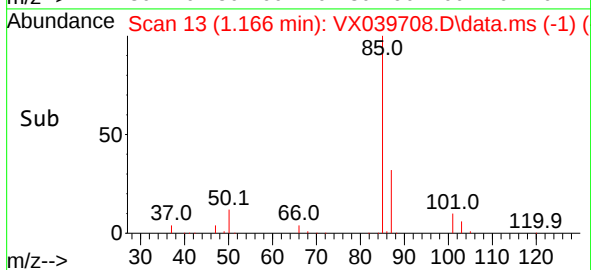
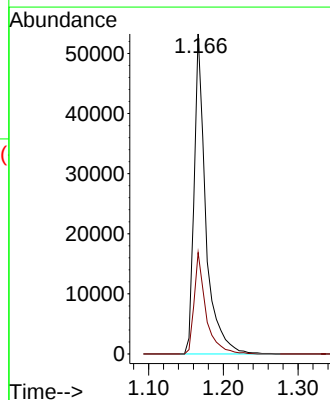
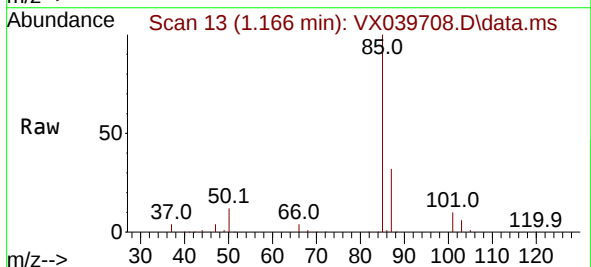
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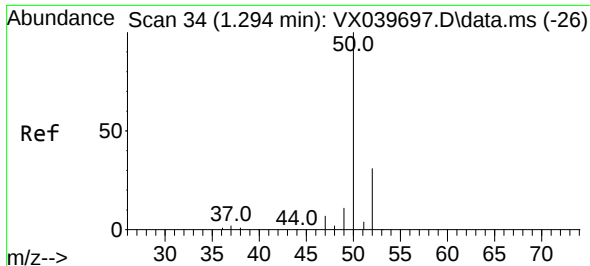
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#2
Dichlorodifluoromethane
Concen: 43.082 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion: 85 Resp: 57496
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





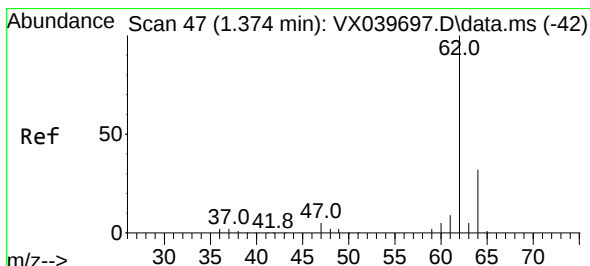
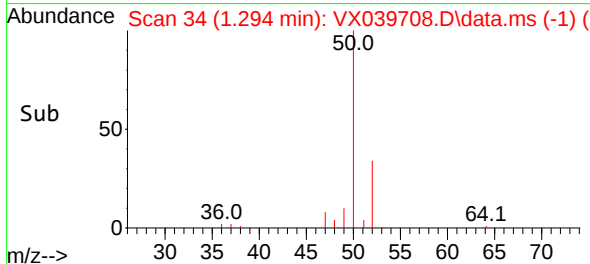
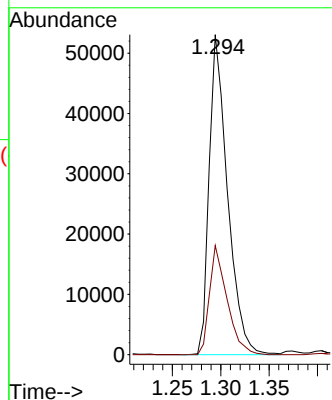
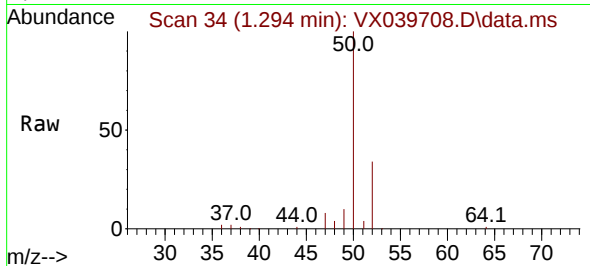
#3
Chloromethane
Concen: 46.020 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :
MSVOA_X
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Tgt Ion: 50 Resp: 7014
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3

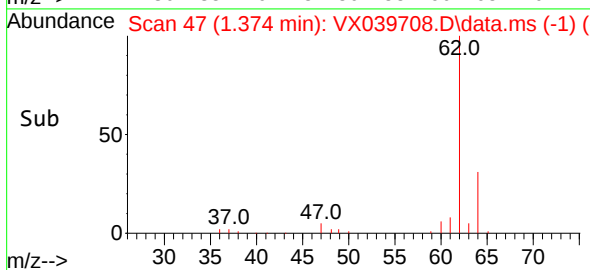
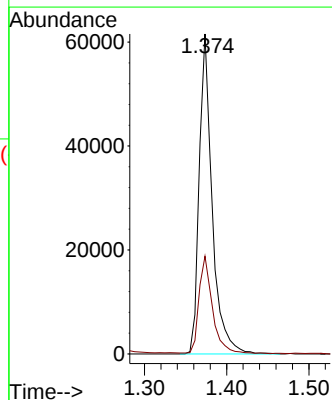
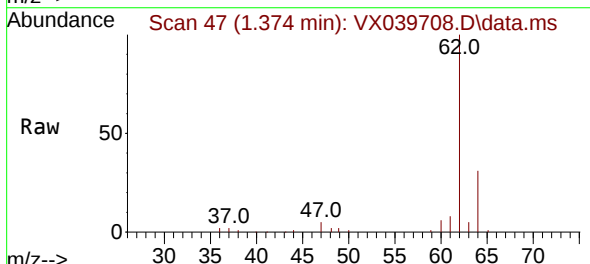
Manual Integrations
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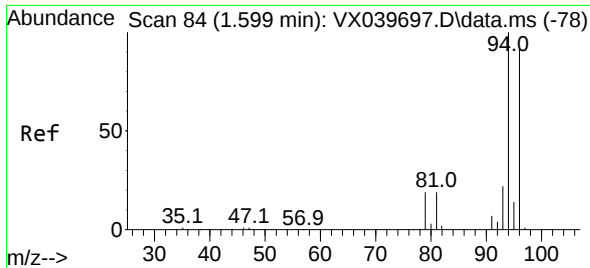
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#4
Vinyl Chloride
Concen: 46.815 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

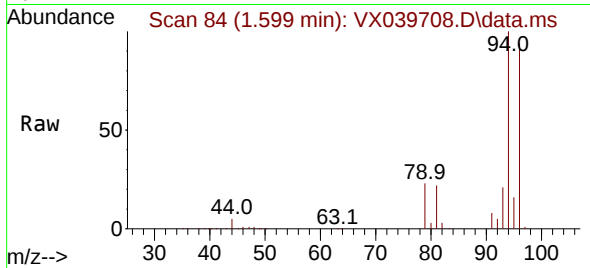
Tgt Ion: 62 Resp: 67338
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.0





#5
Bromomethane
Concen: 48.082 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

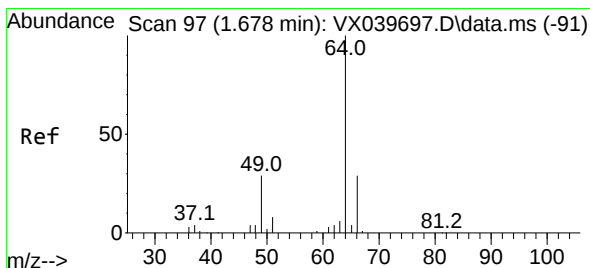
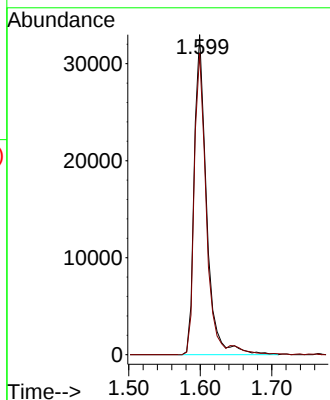
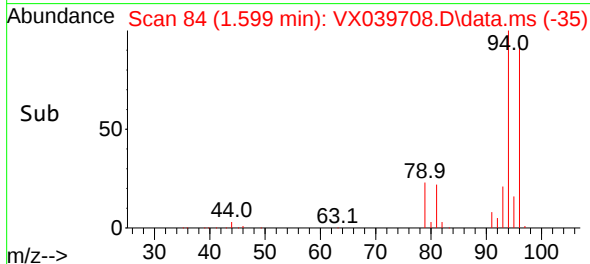
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Tgt Ion: 94 Resp: 39462
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8

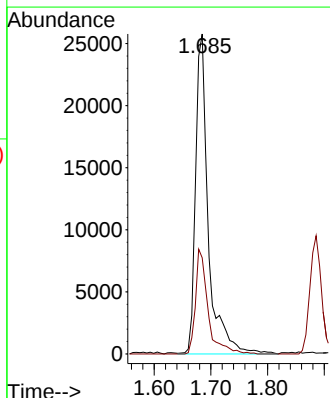
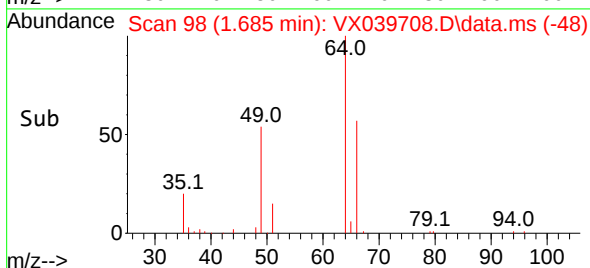
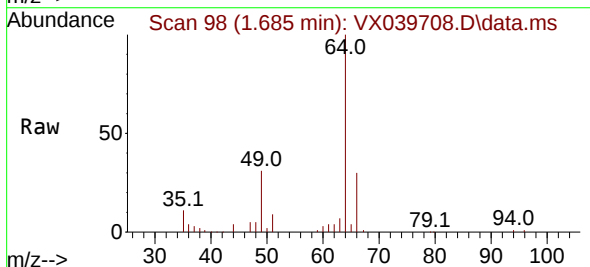
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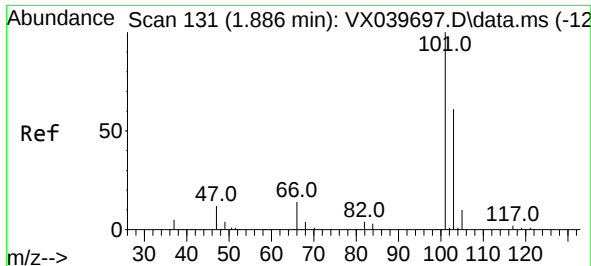
Reviewed By :John Carlone 01/11/2024
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#6
Chloroethane
Concen: 49.242 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

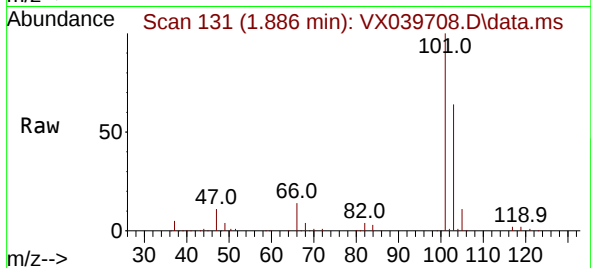
Tgt Ion: 64 Resp: 40265
Ion Ratio Lower Upper
64 100
66 30.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 46.808 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

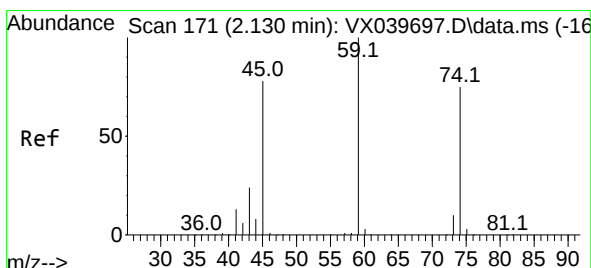
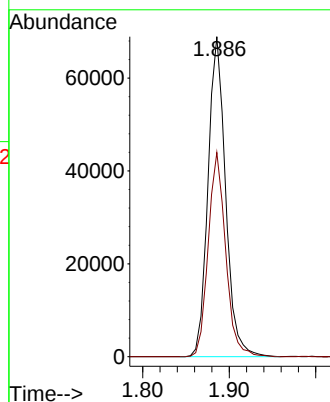
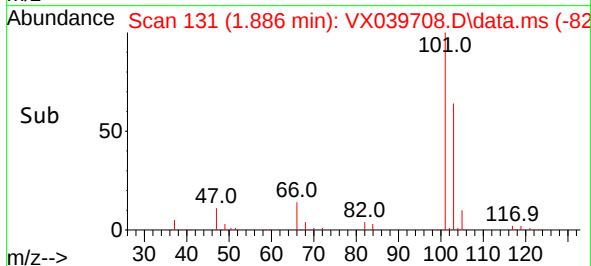
Instrument :
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Tgt Ion:101 Resp: 97124
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

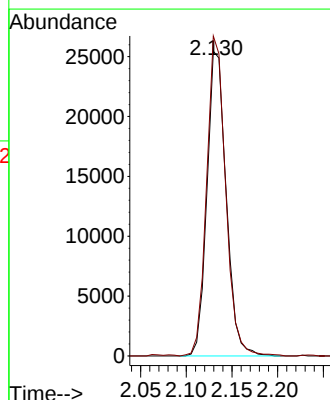
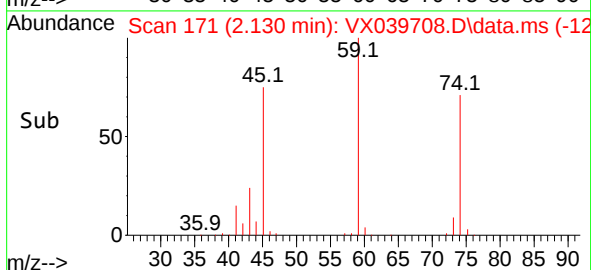
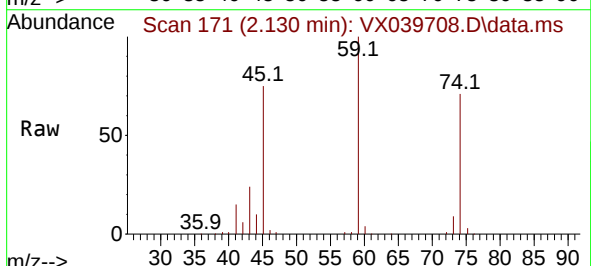
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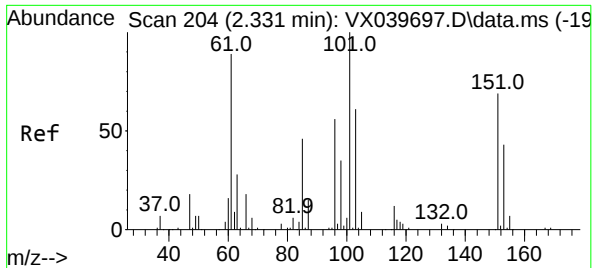
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#8
Diethyl Ether
Concen: 48.568 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion: 74 Resp: 37242
Ion Ratio Lower Upper
74 100
45 103.7 53.3 159.8





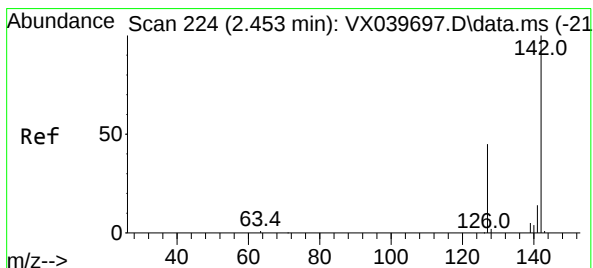
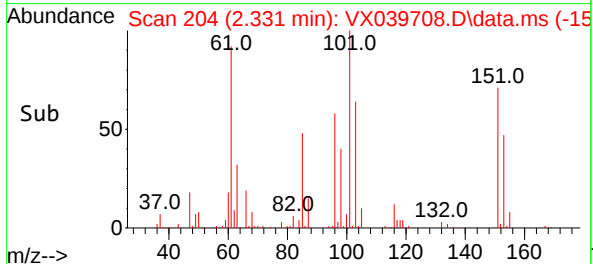
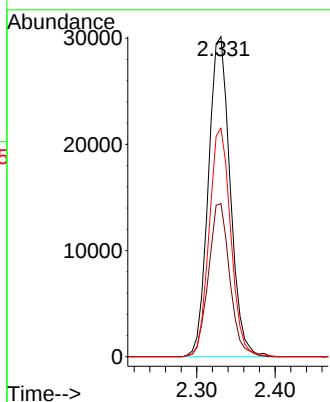
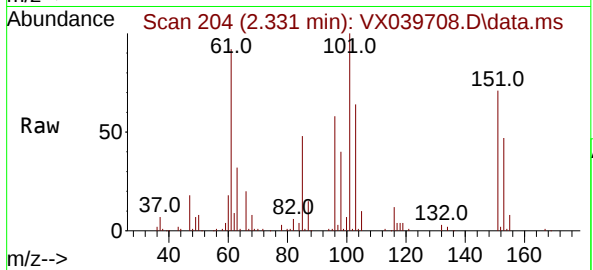
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.297 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 58269
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.6
151 70.7 58.6 87.8

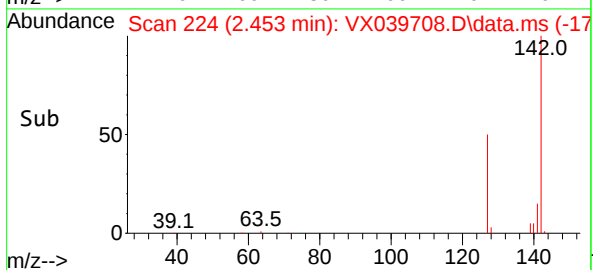
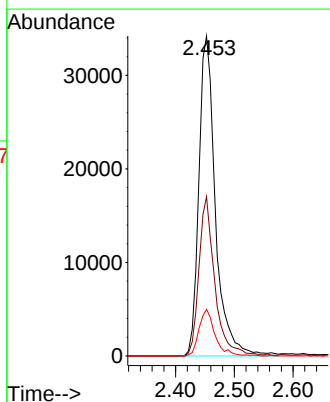
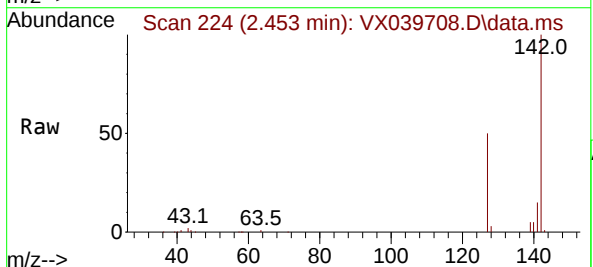
Manual Integrations
APPROVED

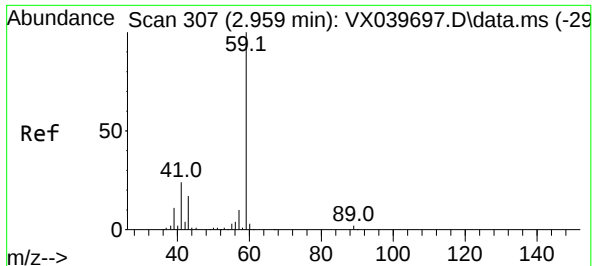
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#10
Methyl Iodide
Concen: 49.316 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

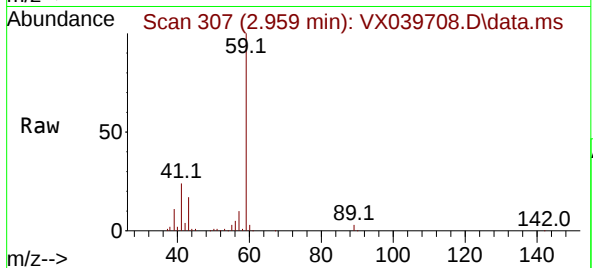
Tgt Ion:142 Resp: 66926
Ion Ratio Lower Upper
142 100
127 47.6 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 230.751 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

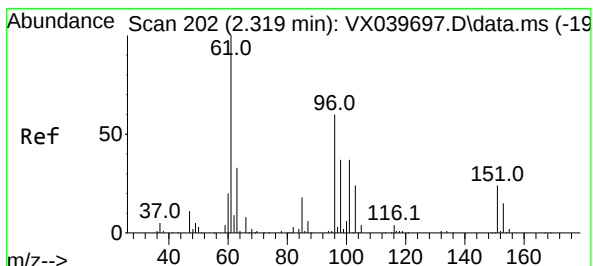
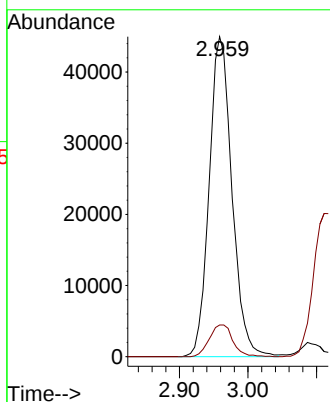
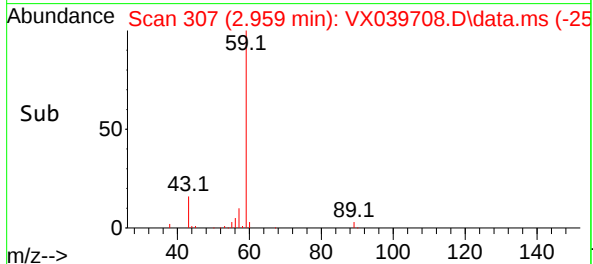
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



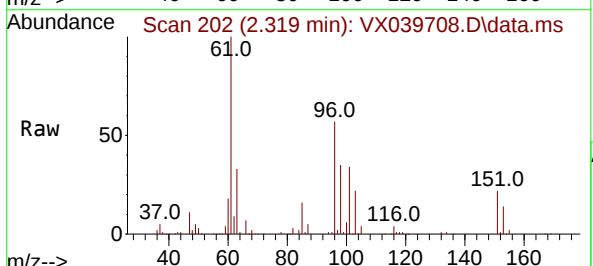
Tgt Ion: 59 Resp: 103789
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

Manual Integrations
APPROVED

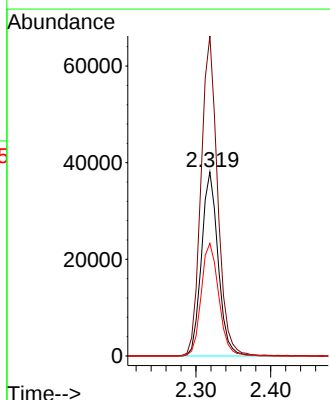
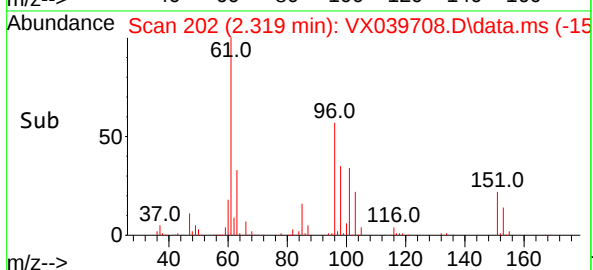
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

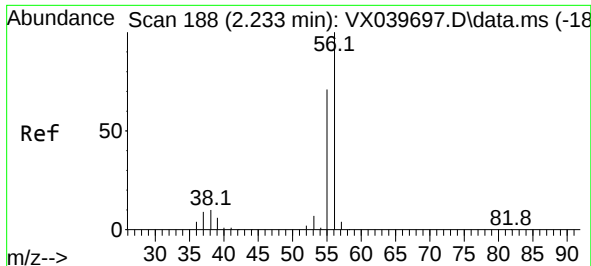


#12
1,1-Dichloroethene
Concen: 47.377 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54



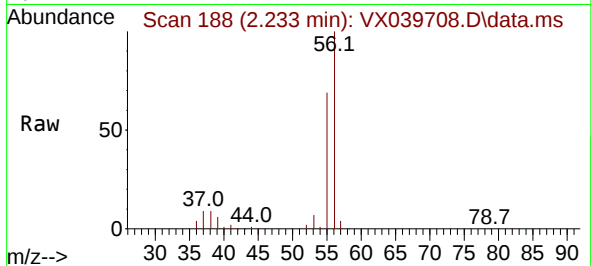
Tgt Ion: 96 Resp: 58817
Ion Ratio Lower Upper
96 100
61 173.9 144.6 216.8
98 61.3 50.4 75.6





#13
Acrolein
Concen: 257.797 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

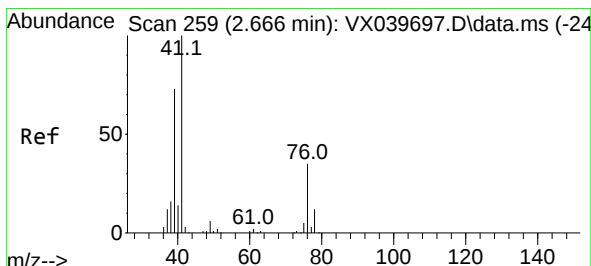
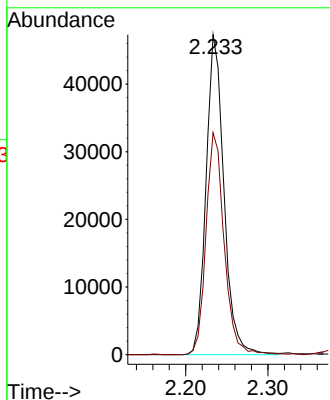
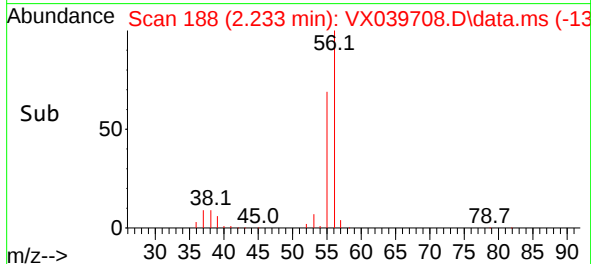
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 71188
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7

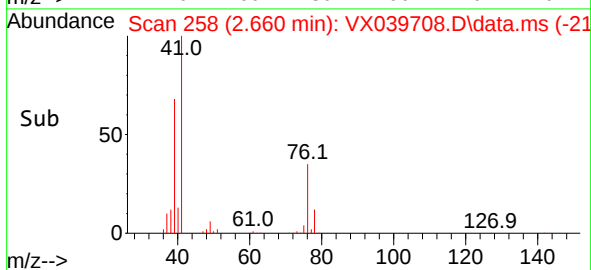
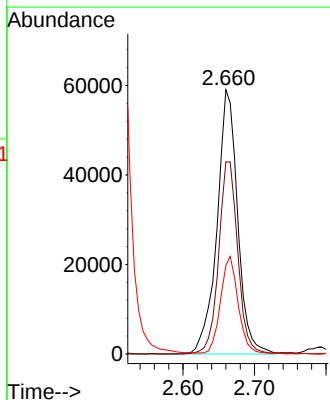
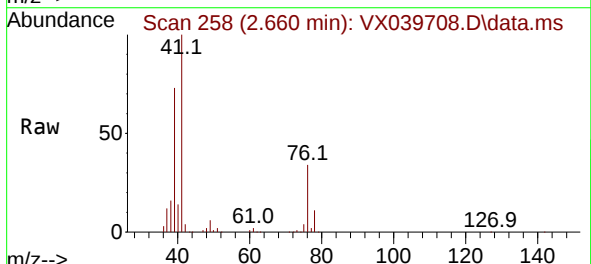
Manual Integrations
APPROVED

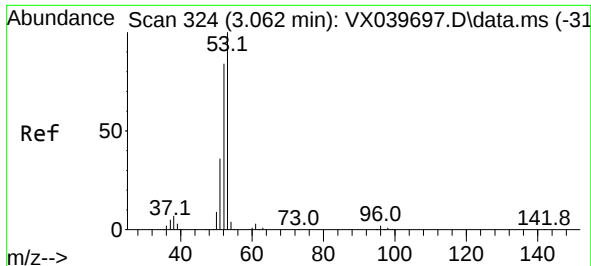
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#14
Allyl chloride
Concen: 48.595 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

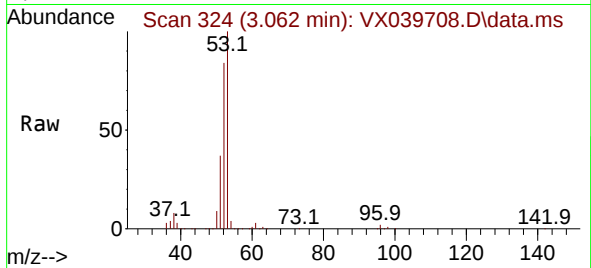
Tgt Ion: 41 Resp: 118740
Ion Ratio Lower Upper
41 100
39 67.6 55.8 83.6
76 31.7 24.3 36.5





#15
Acrylonitrile
Concen: 249.130 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

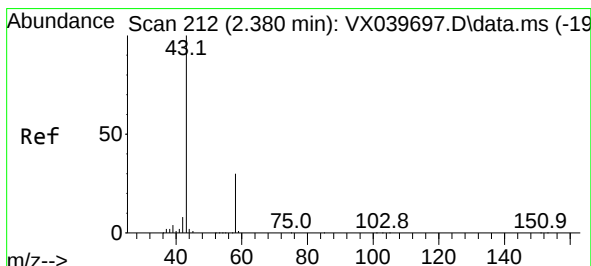
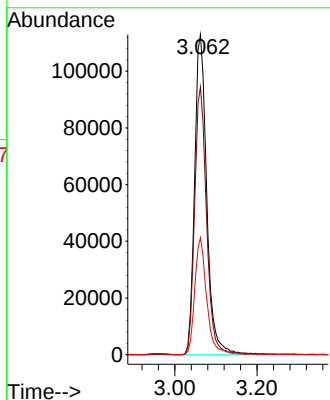
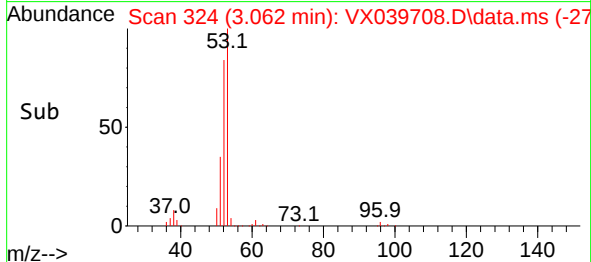
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 23146
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 35.9 29.8 44.6

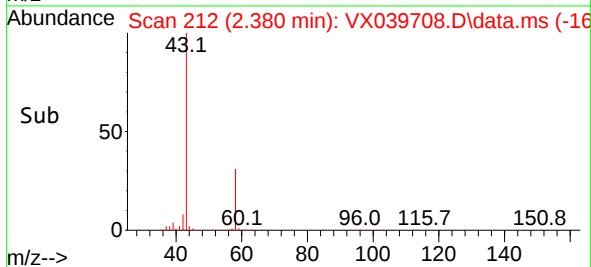
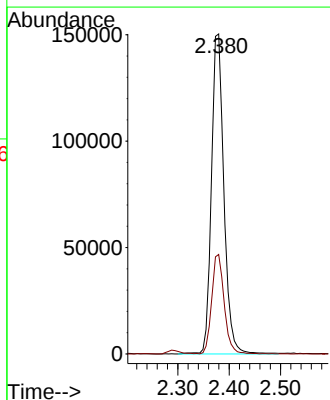
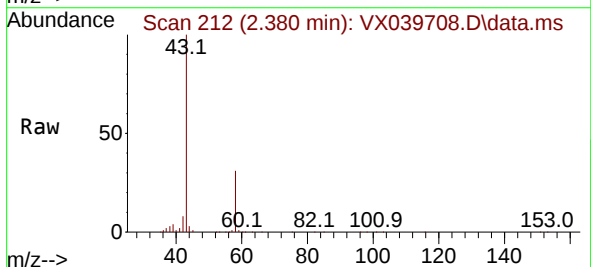
Manual Integrations
APPROVED

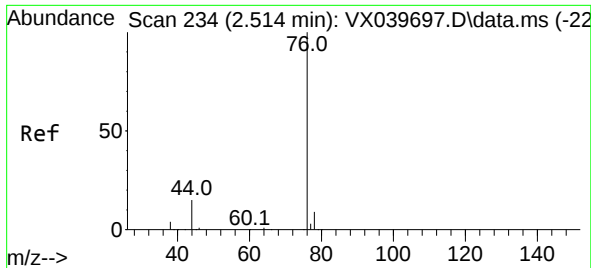
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#16
Acetone
Concen: 260.822 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion: 43 Resp: 253456
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9





#17

Carbon Disulfide

Concen: 47.017 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 167769

Ion Ratio Lower Upper

76 100

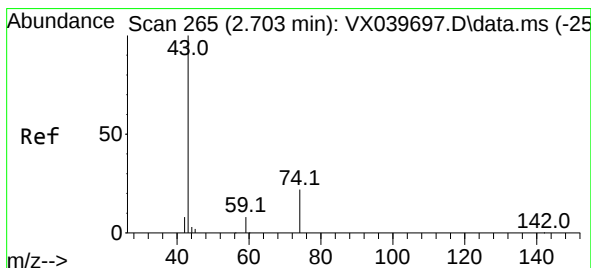
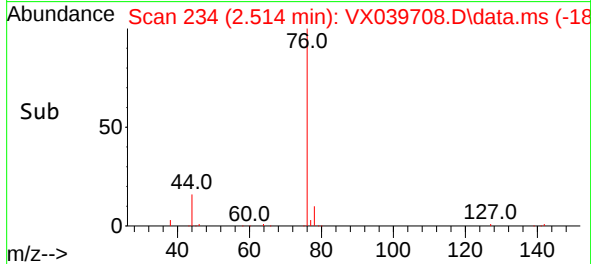
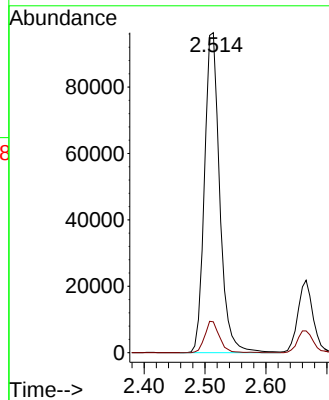
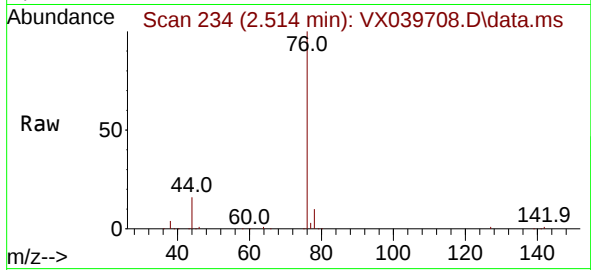
78 9.7 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#18

Methyl Acetate

Concen: 49.424 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX039708.D

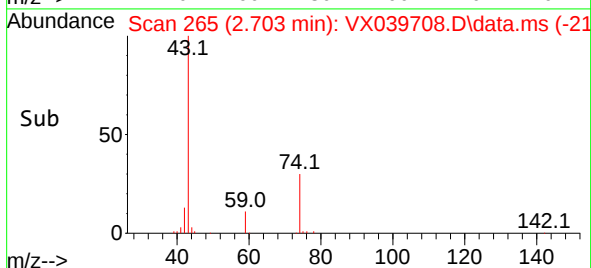
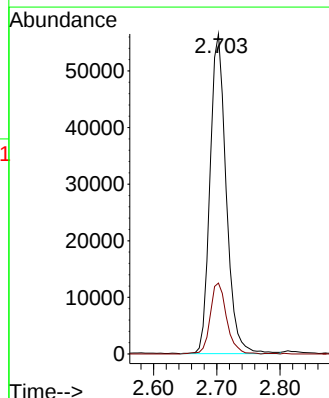
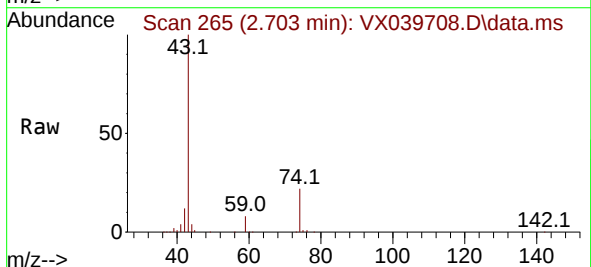
Acq: 10 Jan 2024 16:54

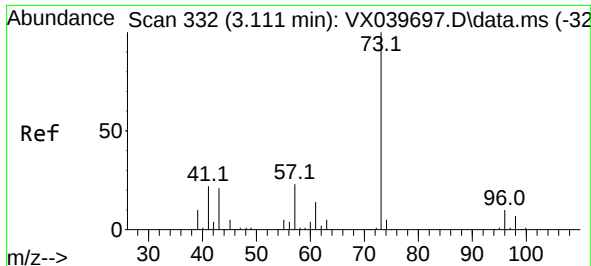
Tgt Ion: 43 Resp: 100481

Ion Ratio Lower Upper

43 100

74 22.5 17.8 26.8





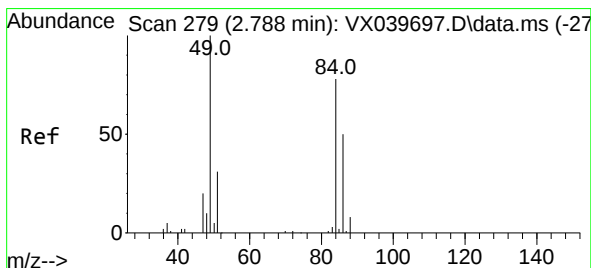
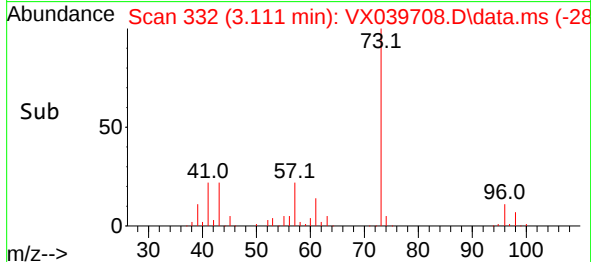
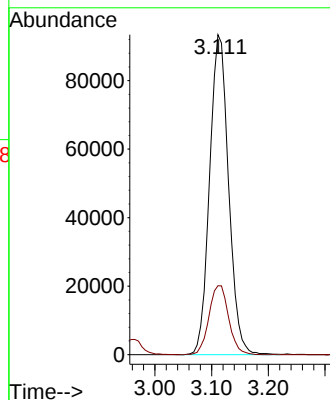
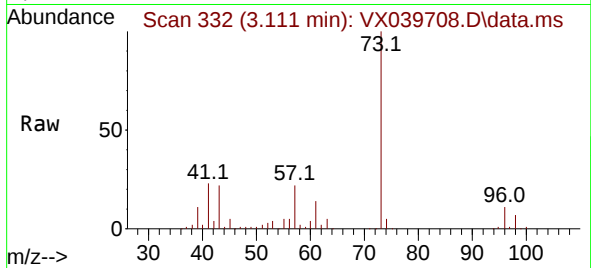
#19
Methyl tert-butyl Ether
Concen: 49.240 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 21702
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

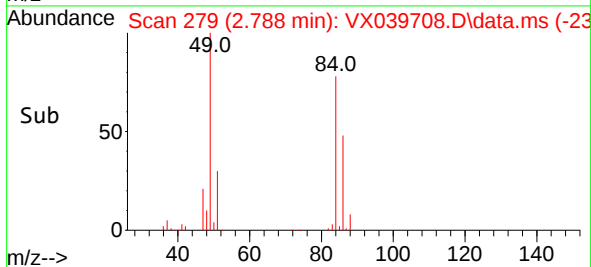
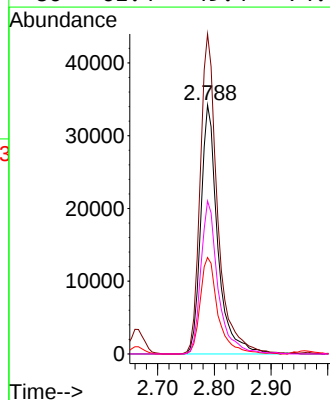
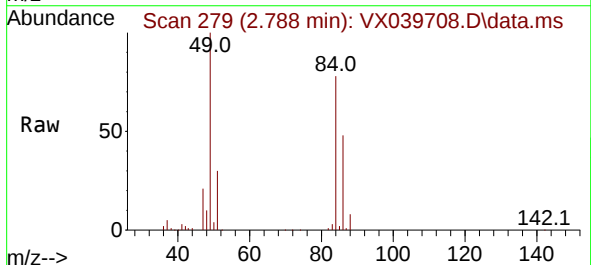
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#20
Methylene Chloride
Concen: 48.252 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

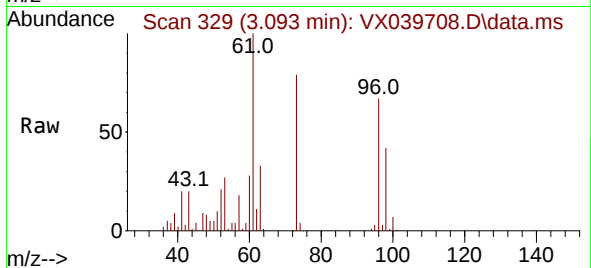
Tgt Ion: 84 Resp: 70924
Ion Ratio Lower Upper
84 100
49 128.5 103.6 155.4
51 38.7 33.8 50.6
86 61.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.952 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

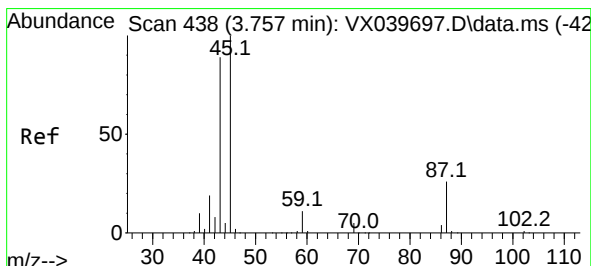
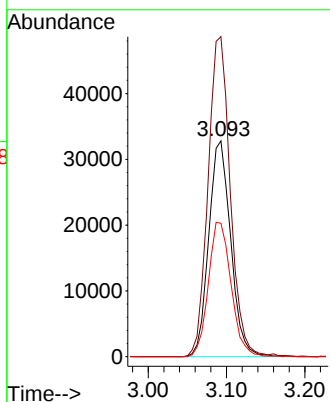
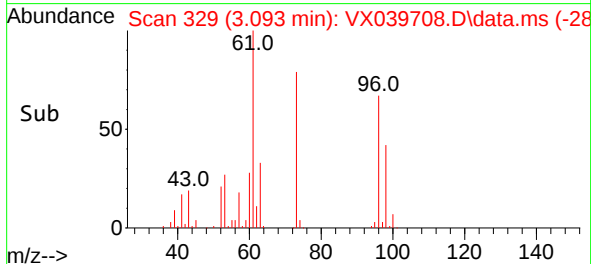
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



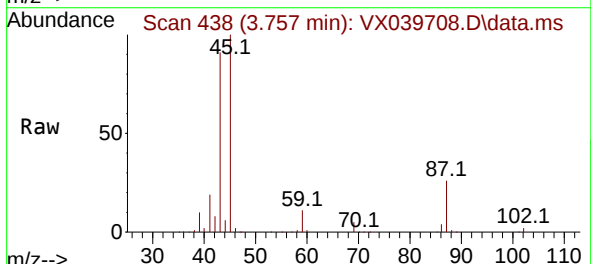
Tgt Ion: 96 Resp: 63954
Ion Ratio Lower Upper
96 100
61 148.2 119.2 178.8
98 61.8 48.7 73.1

Manual Integrations
APPROVED

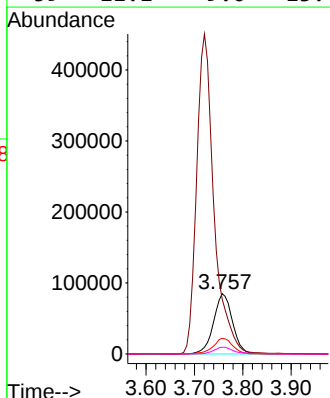
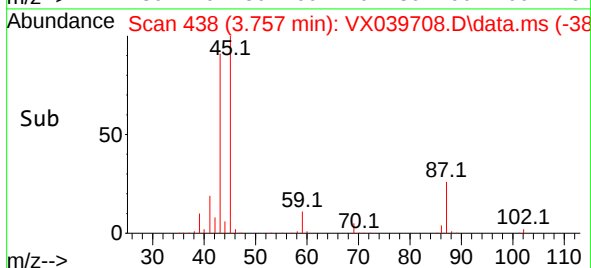
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

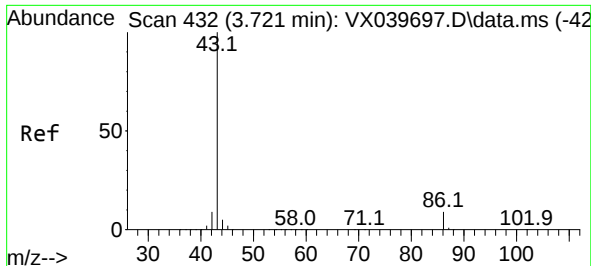


#22
Diisopropyl ether
Concen: 49.436 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54



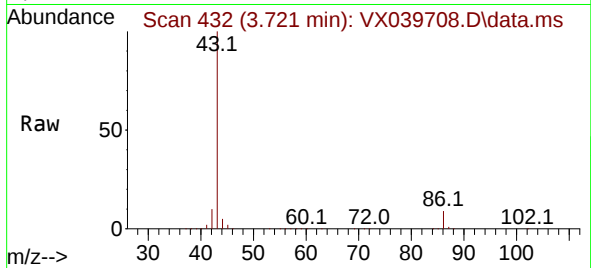
Tgt Ion: 45 Resp: 230519
Ion Ratio Lower Upper
45 100
43 90.9 69.7 104.5
87 26.0 20.8 31.2
59 11.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 259.729 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039708.D
 Acq: 10 Jan 2024 16:54

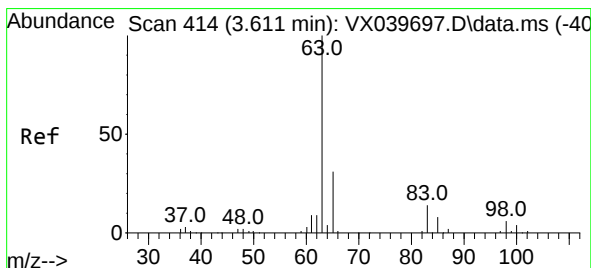
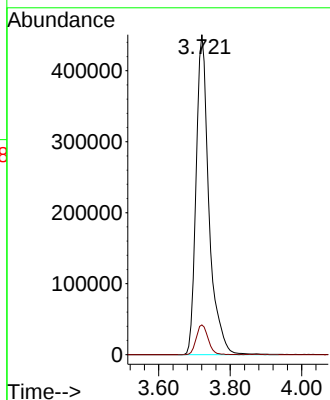
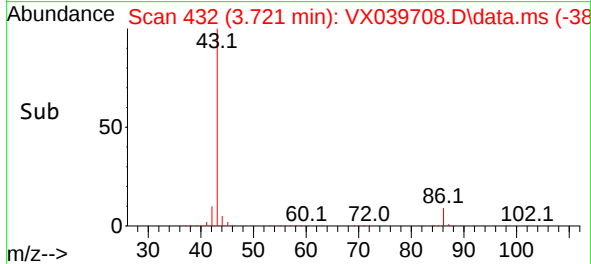
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



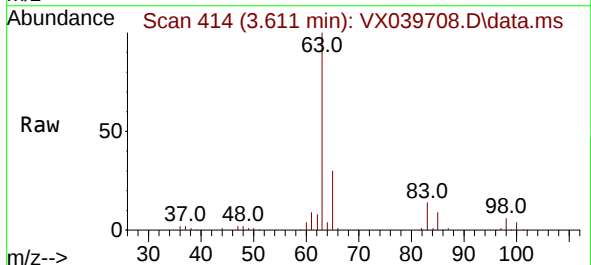
Tgt Ion: 43 Resp: 1125794
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

Manual Integrations
 APPROVED

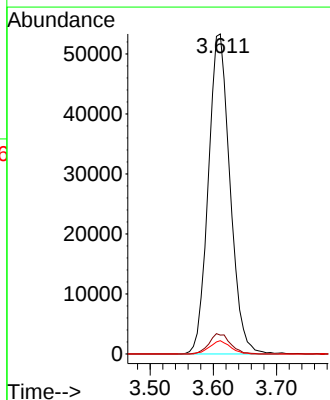
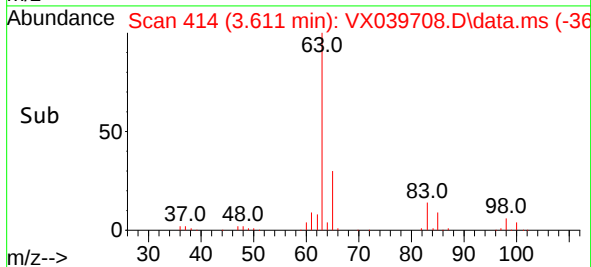
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024

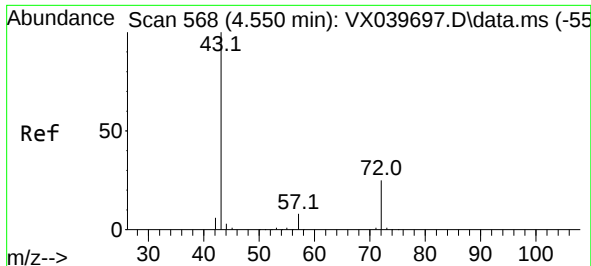


#24
 1,1-Dichloroethane
 Concen: 49.509 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX039708.D
 Acq: 10 Jan 2024 16:54



Tgt Ion: 63 Resp: 127006
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 251.599 ug/l

RT: 4.556 min Scan# 50

Delta R.T. 0.006 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 35135

Ion Ratio Lower Upper

43 100

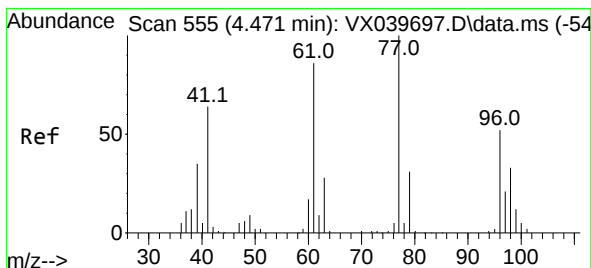
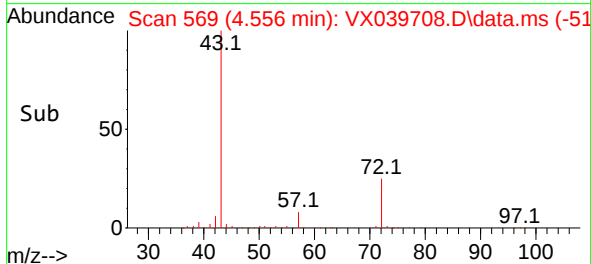
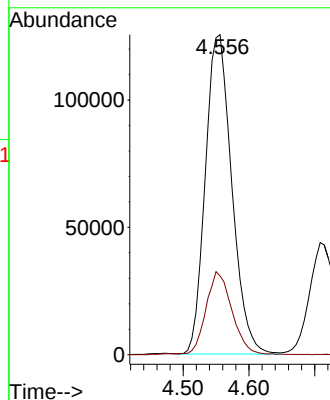
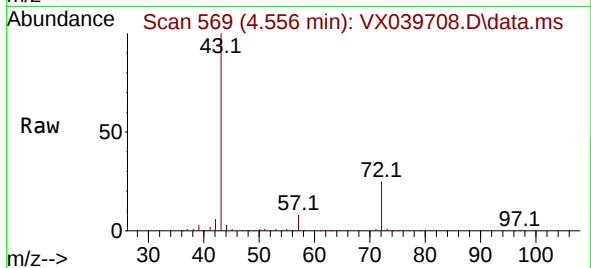
72 24.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#26

2,2-Dichloropropane

Concen: 48.008 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX039708.D

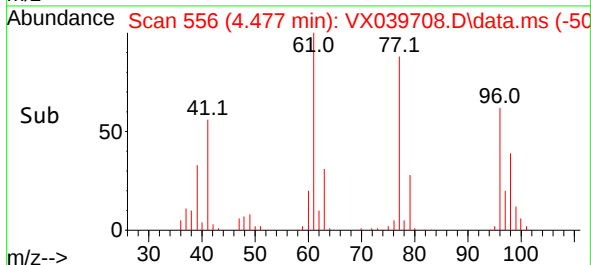
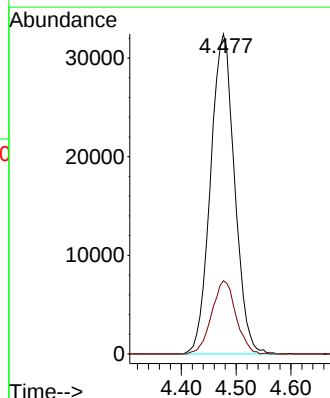
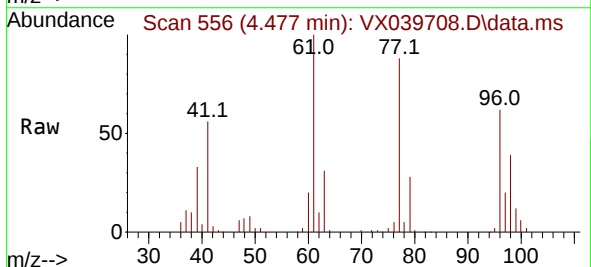
Acq: 10 Jan 2024 16:54

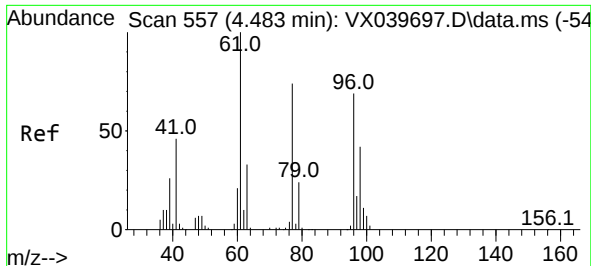
Tgt Ion: 77 Resp: 98842

Ion Ratio Lower Upper

77 100

97 23.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.765 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 7606

Ion Ratio Lower Upper

96 100

61 152.0 0.0 312.2

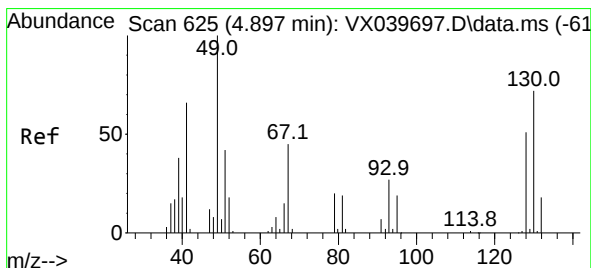
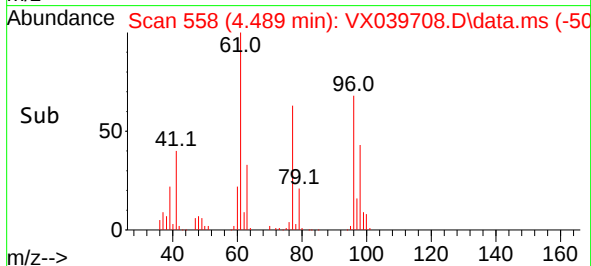
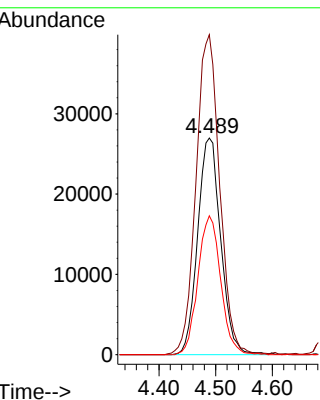
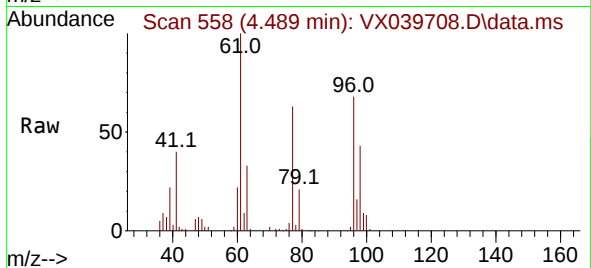
98 63.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#28

Bromochloromethane

Concen: 51.465 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

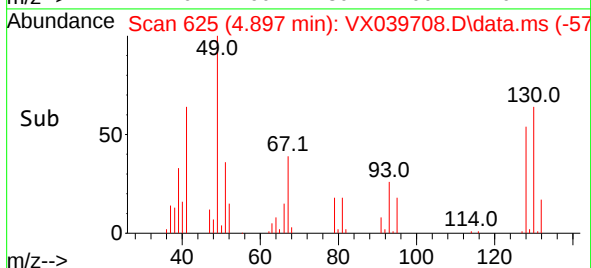
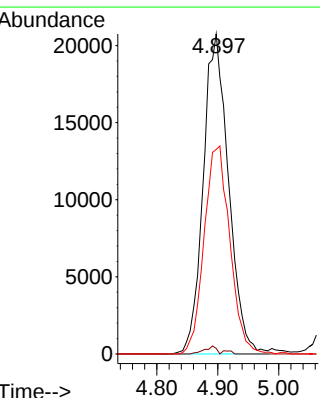
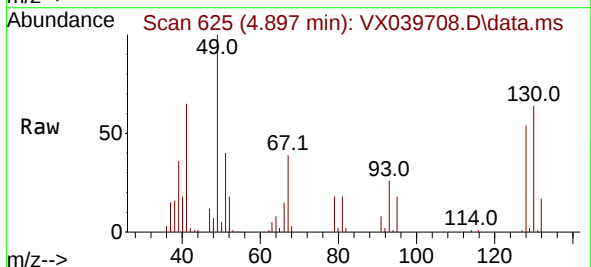
Tgt Ion: 49 Resp: 59844

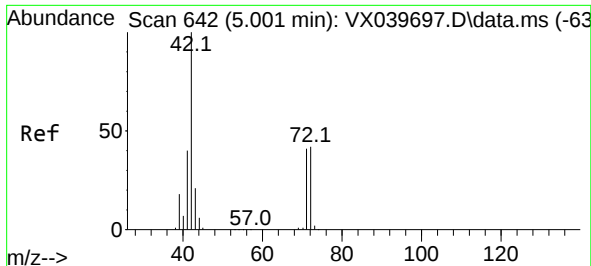
Ion Ratio Lower Upper

49 100

129 0.4 0.0 3.8

130 66.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 244.834 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 220060

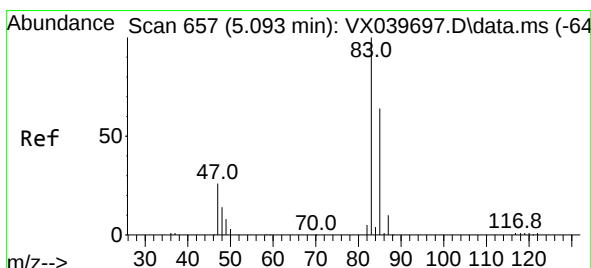
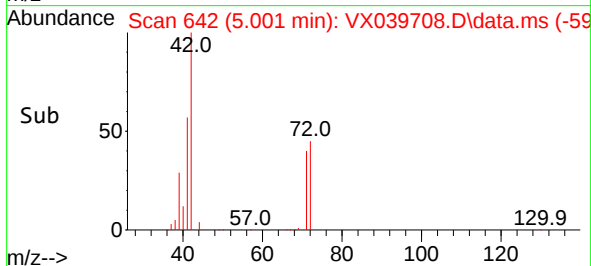
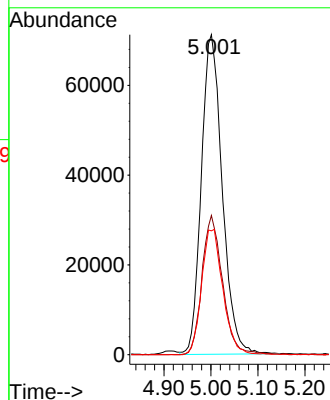
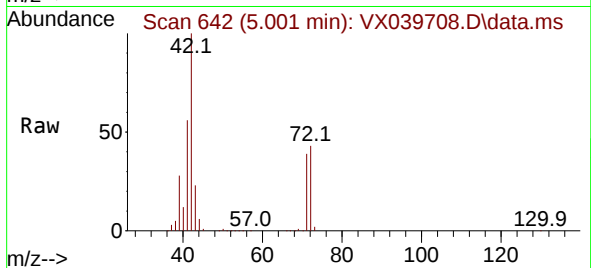
Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.4
71	39.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#30

Chloroform

Concen: 50.011 ug/l

RT: 5.092 min Scan# 657

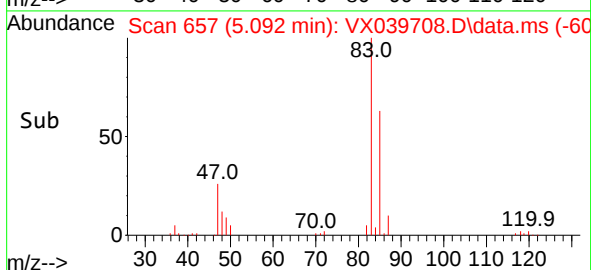
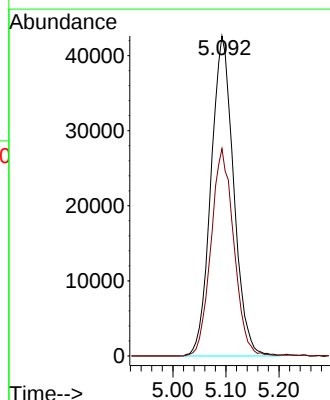
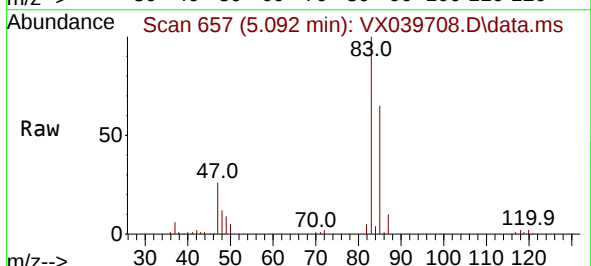
Delta R.T. -0.000 min

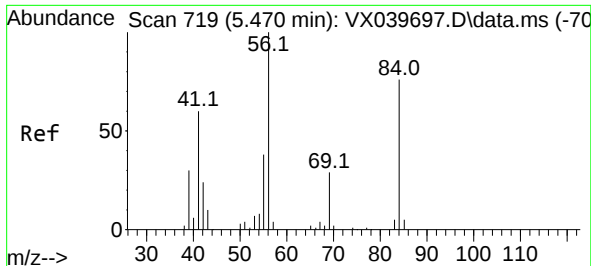
Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Tgt Ion: 83 Resp: 126647

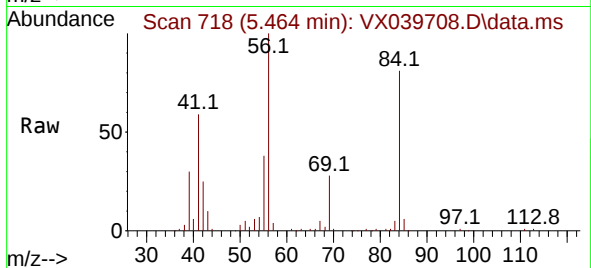
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.3	75.5





#31
Cyclohexane
Concen: 46.289 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

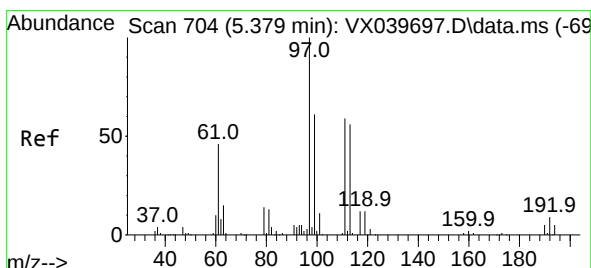
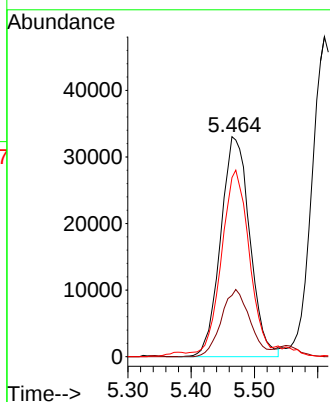
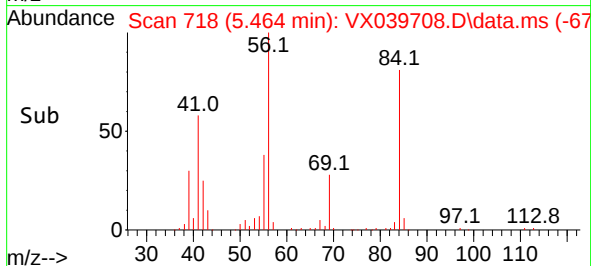
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 10555
Ion Ratio Lower Upper
56 100
69 27.9 23.4 35.2
84 79.4 65.9 98.9

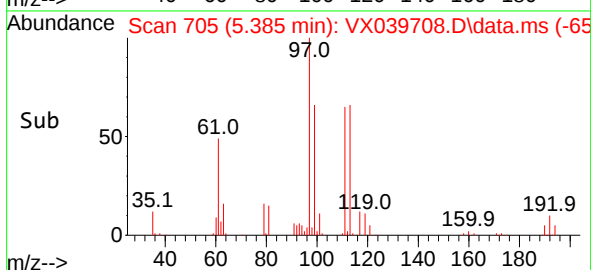
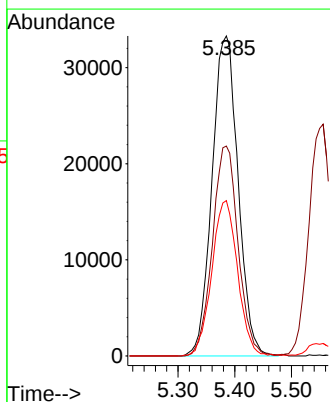
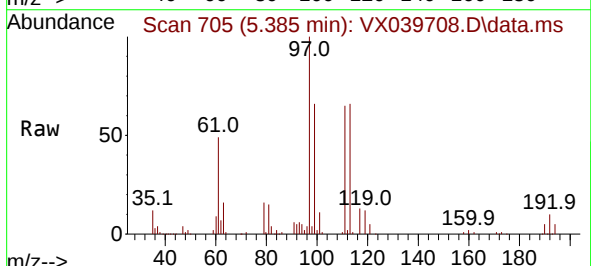
Manual Integrations
APPROVED

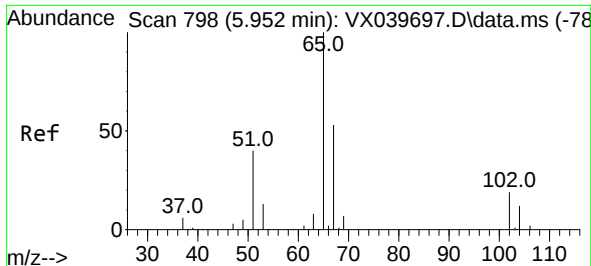
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#32
1,1,1-Trichloroethane
Concen: 48.916 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion: 97 Resp: 106051
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 48.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.657 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8580

Ion Ratio Lower Upper

65 100

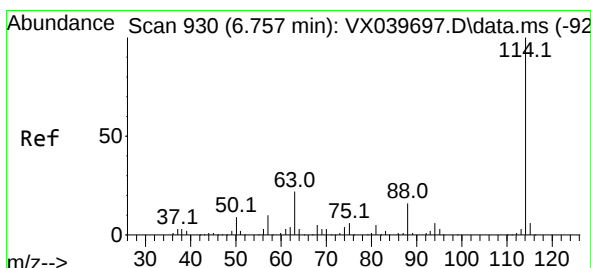
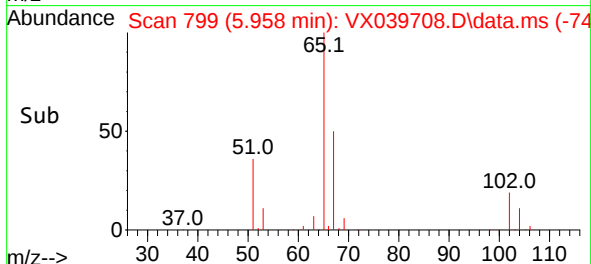
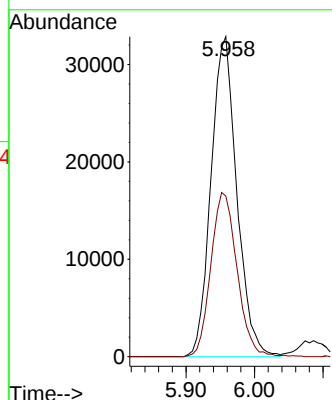
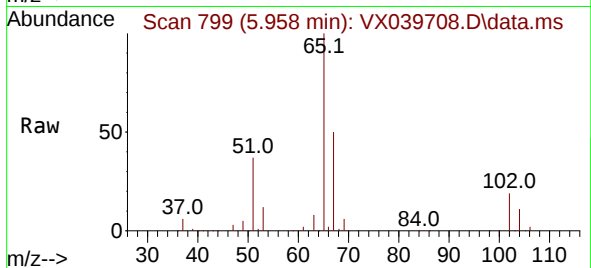
67 52.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

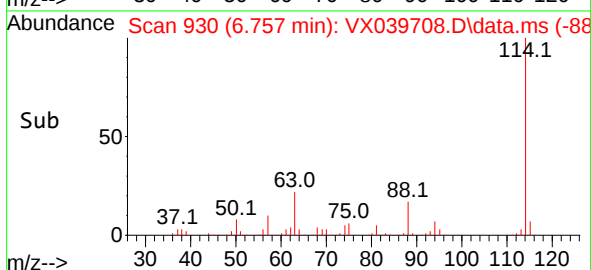
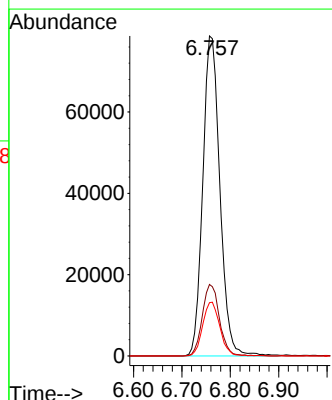
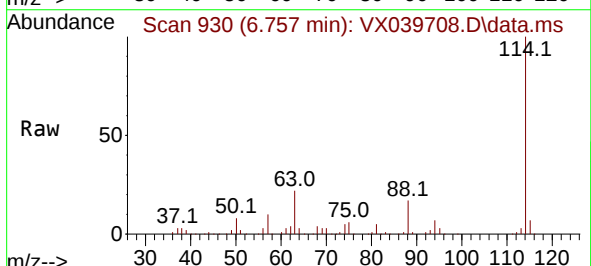
Tgt Ion:114 Resp: 193558

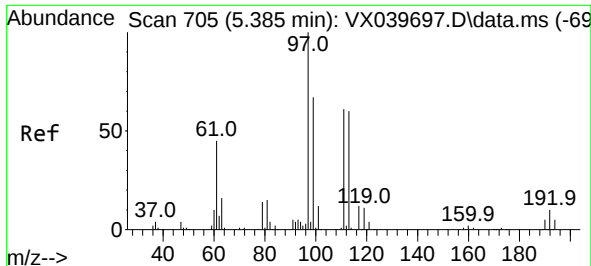
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.654 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 63430

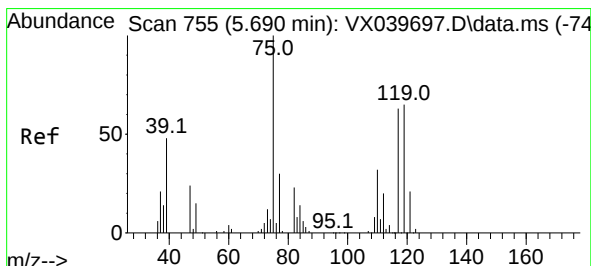
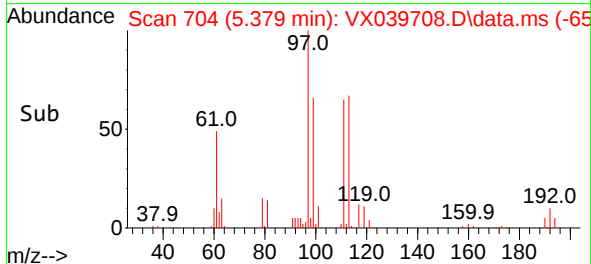
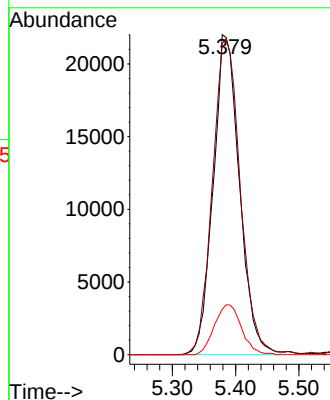
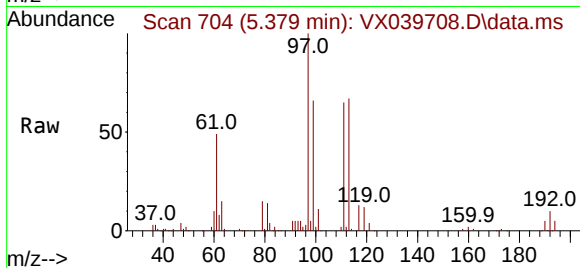
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	16.1	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#36

1,1-Dichloropropene

Concen: 45.686 ug/l

RT: 5.690 min Scan# 755

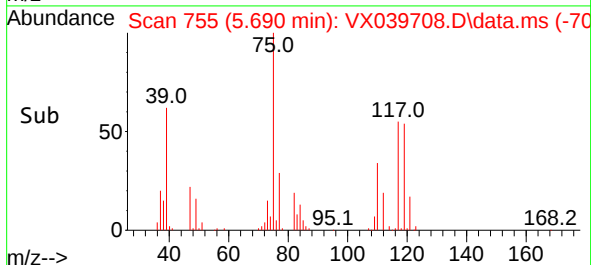
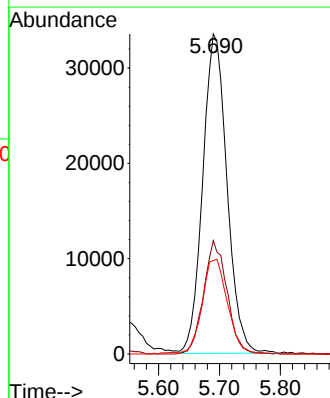
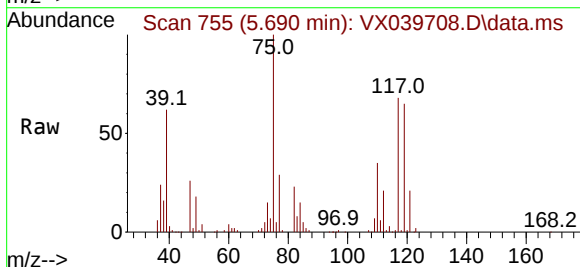
Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Tgt Ion: 75 Resp: 92709

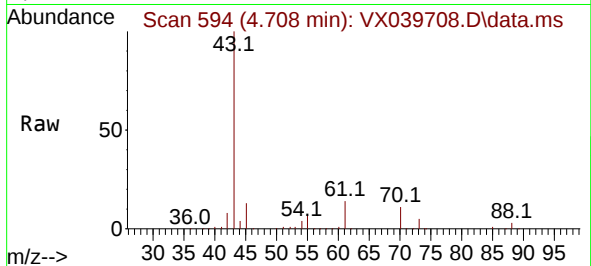
Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.0	50.9
77	31.2	24.7	37.1





#37
Ethyl Acetate
Concen: 46.930 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

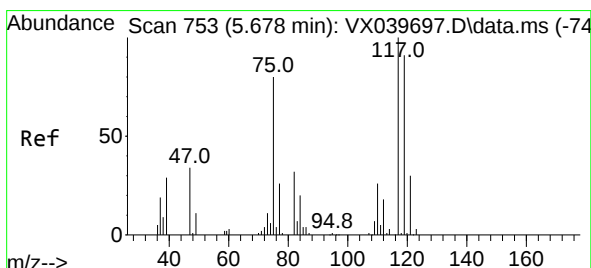
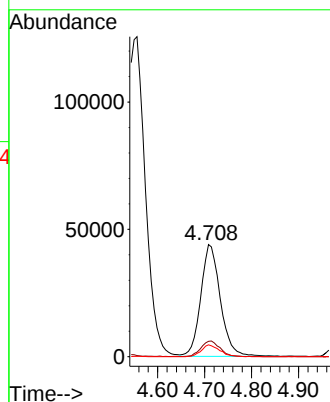
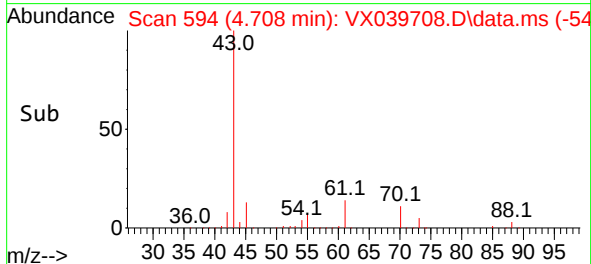
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 12704
Ion Ratio Lower Upper
43 100
61 13.4 10.6 16.0
70 9.8 8.3 12.5

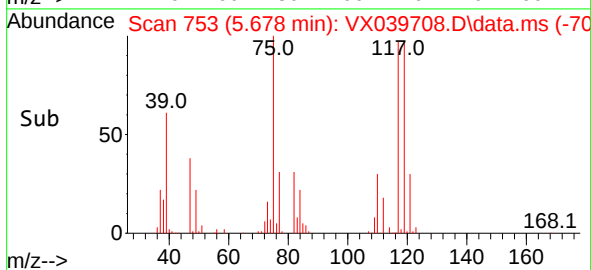
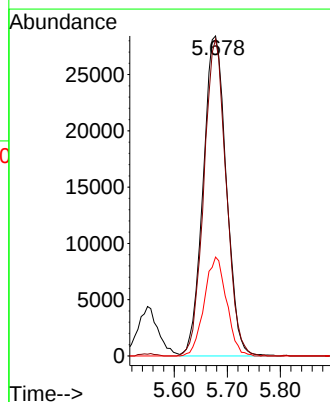
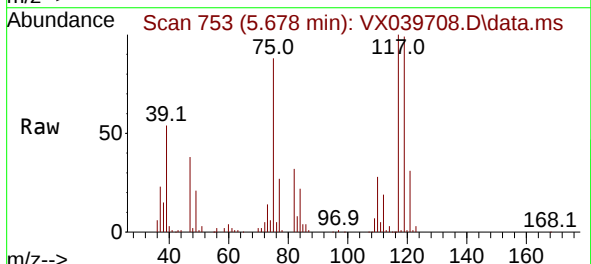
Manual Integrations
APPROVED

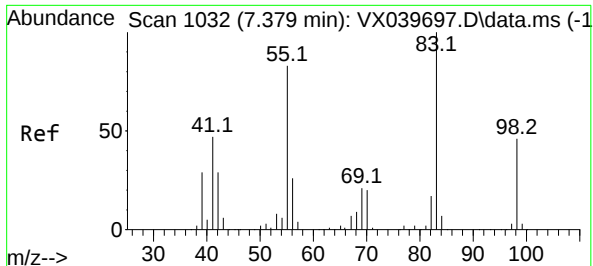
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#38
Carbon Tetrachloride
Concen: 46.469 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion:117 Resp: 86366
Ion Ratio Lower Upper
117 100
119 99.0 78.2 117.2
121 30.9 24.4 36.6





#39

Methylcyclohexane

Concen: 44.791 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 109140

Ion Ratio Lower Upper

83 100

55 80.6 64.6 97.0

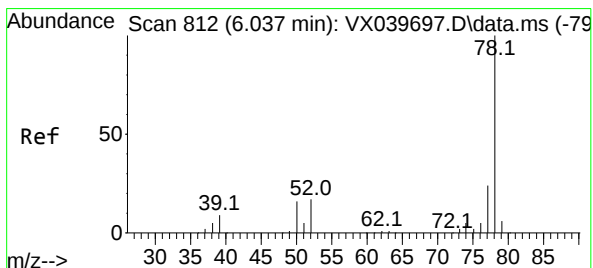
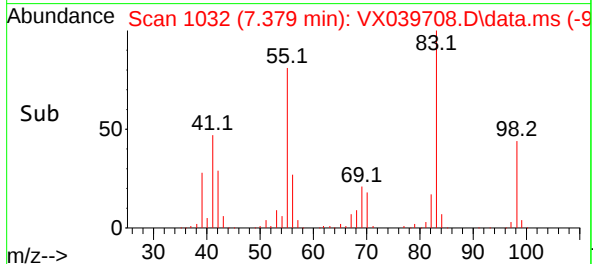
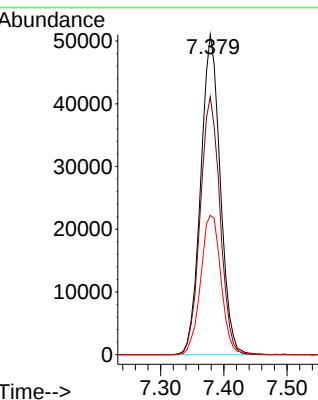
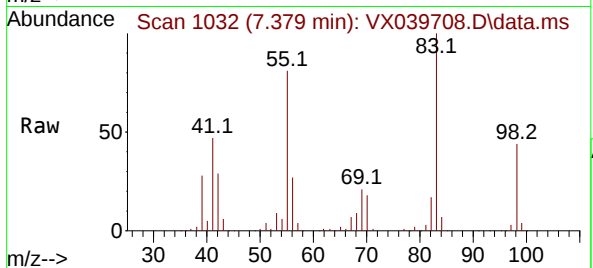
98 43.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#40

Benzene

Concen: 47.464 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX039708.D

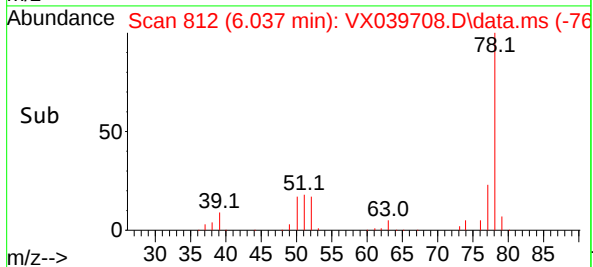
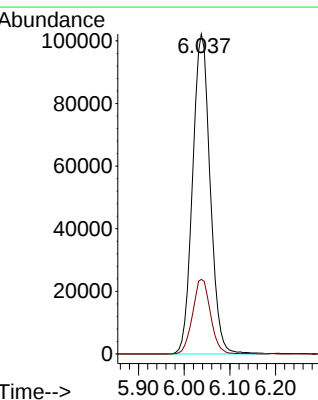
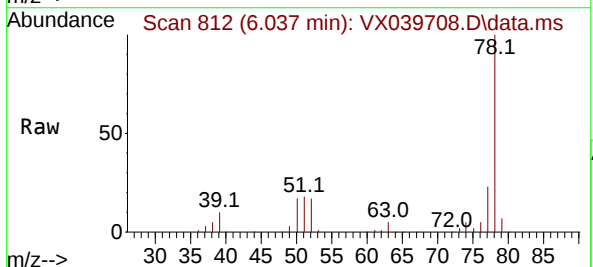
Acq: 10 Jan 2024 16:54

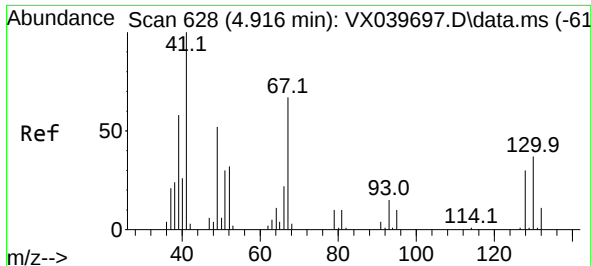
Tgt Ion: 78 Resp: 272736

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9





#41
Methacrylonitrile
Concen: 50.767 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

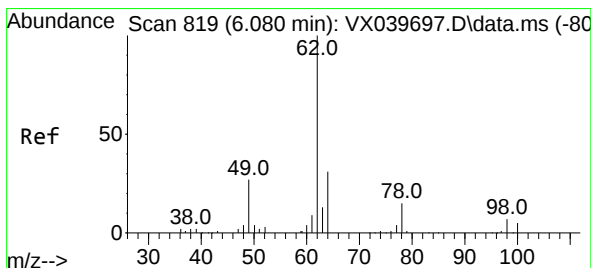
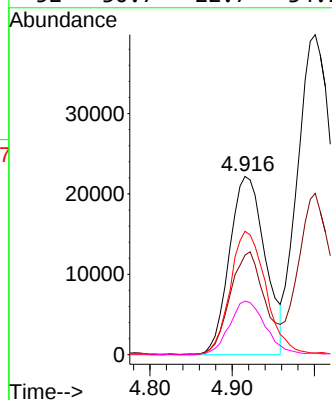
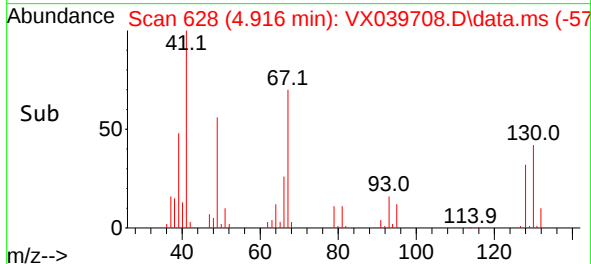
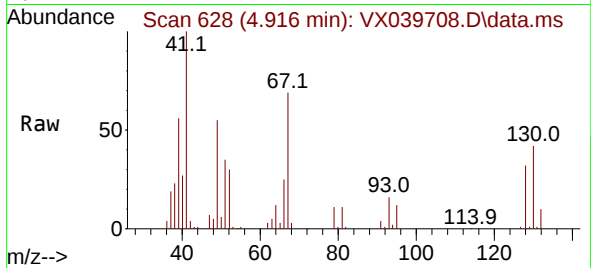
Tgt Ion: 41 Resp: 67208
Ion Ratio Lower Upper
41 100
39 56.1 45.2 67.8
67 69.5 52.6 78.8
52 30.7 22.7 34.1

Manual Integrations

APPROVED

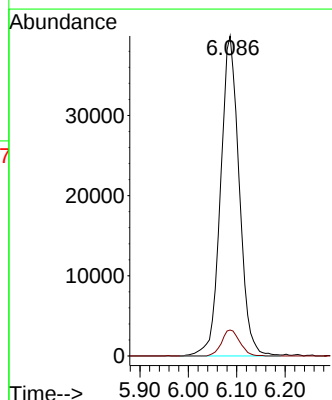
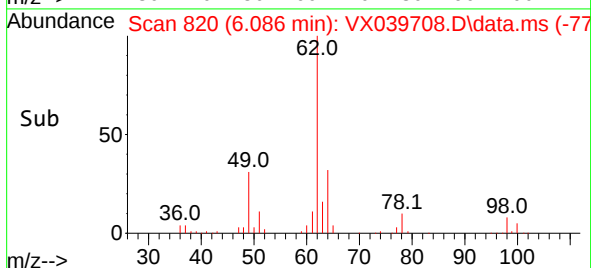
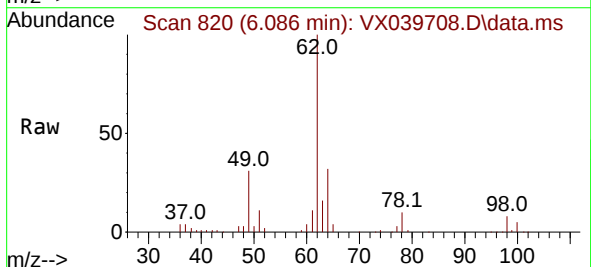
Reviewed By :John Carlone 01/11/2024

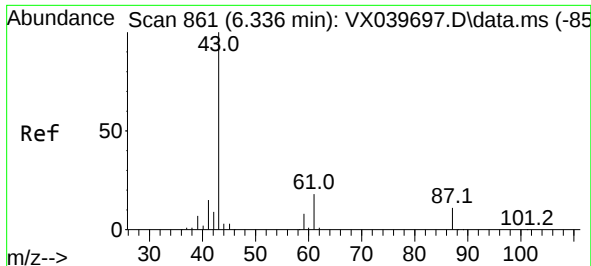
Supervised By :Mahesh Dadoda 01/11/2024



#42
1,2-Dichloroethane
Concen: 48.947 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion: 62 Resp: 106929
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





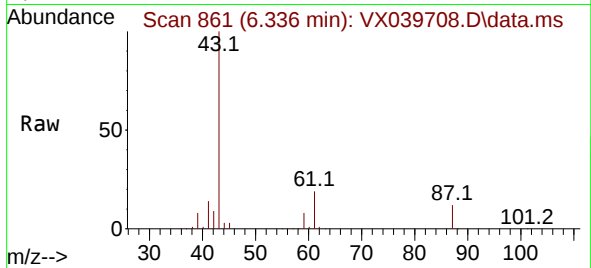
#43
Isopropyl Acetate
Concen: 49.495 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

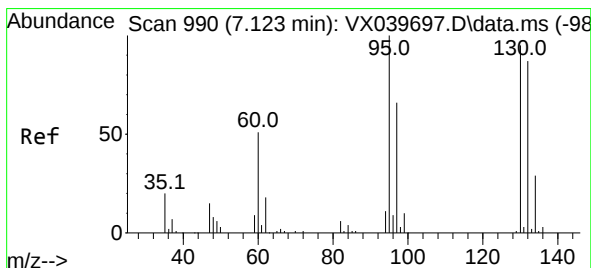
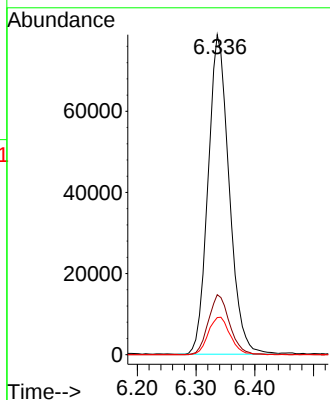
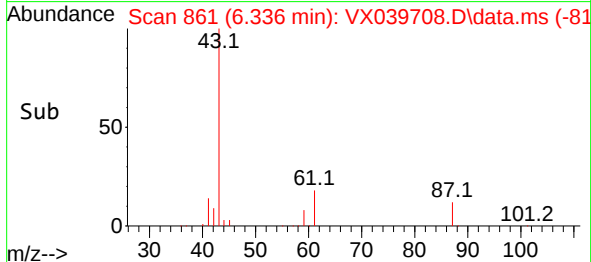
VSTDCCC050EC



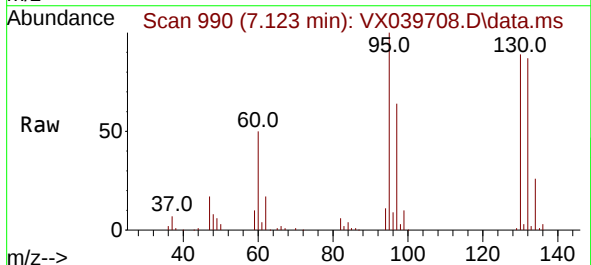
Tgt Ion: 43 Resp: 196562
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 12.2 9.8 14.6

Manual Integrations
APPROVED

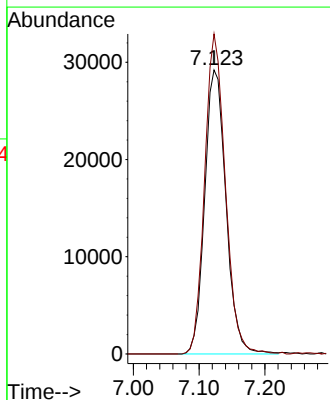
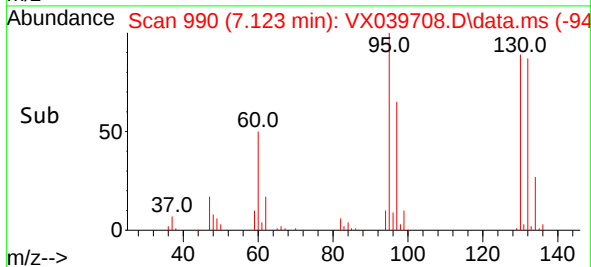
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

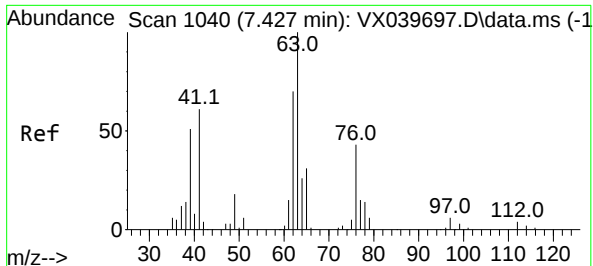


#44
Trichloroethene
Concen: 46.824 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54



Tgt Ion:130 Resp: 65940
Ion Ratio Lower Upper
130 100
95 112.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 47.694 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7351

Ion Ratio Lower Upper

63 100

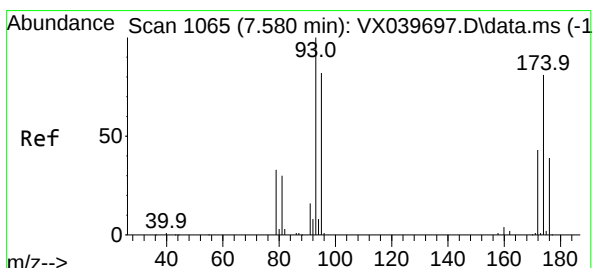
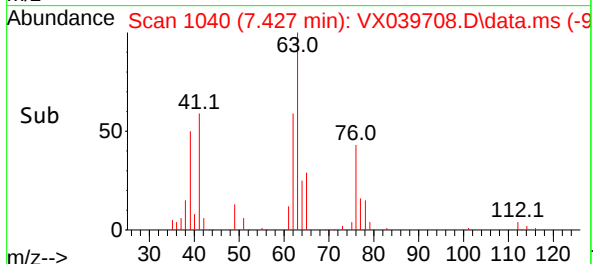
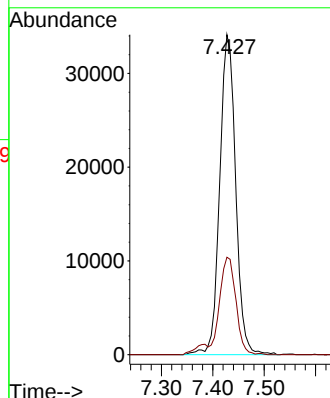
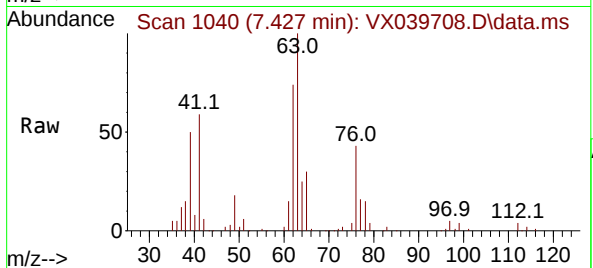
65 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#46

Dibromomethane

Concen: 48.624 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

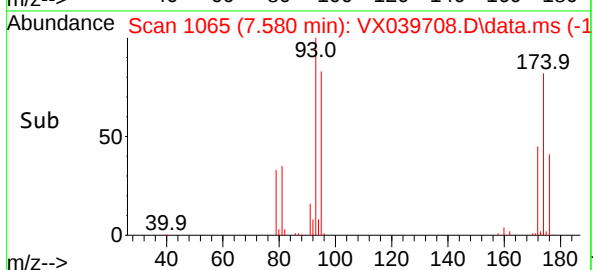
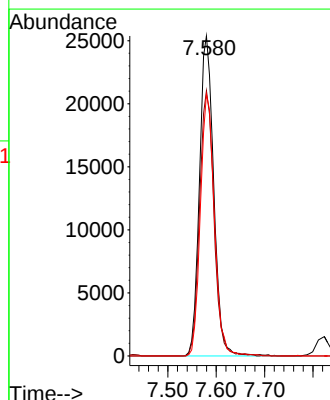
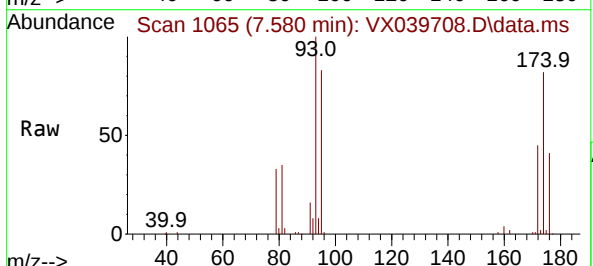
Tgt Ion: 93 Resp: 51769

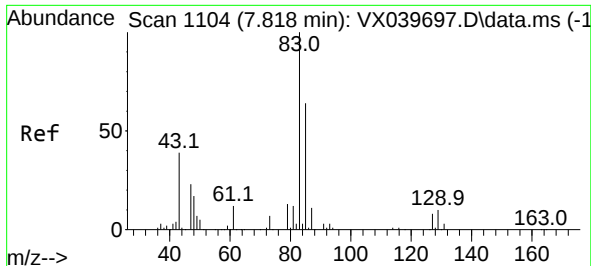
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 80.8 69.4 104.0





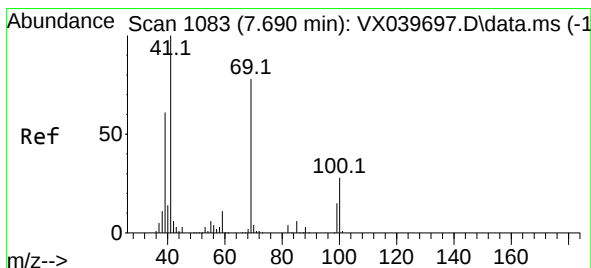
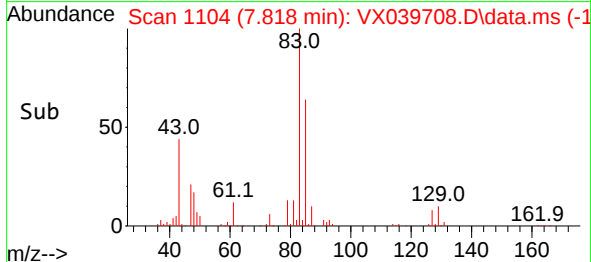
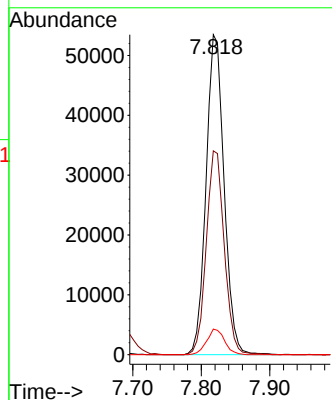
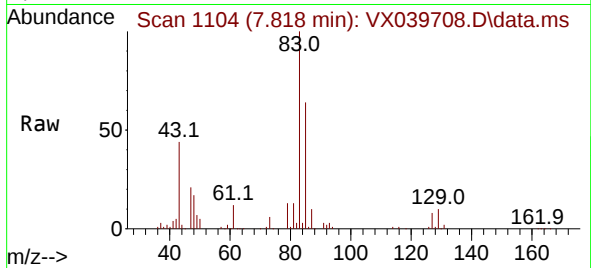
#47
Bromodichloromethane
Concen: 49.656 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 97914
Ion Ratio Lower Upper
83 100
85 63.7 49.8 74.6
127 8.0 7.1 10.7

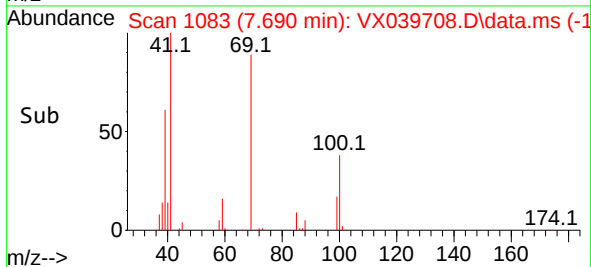
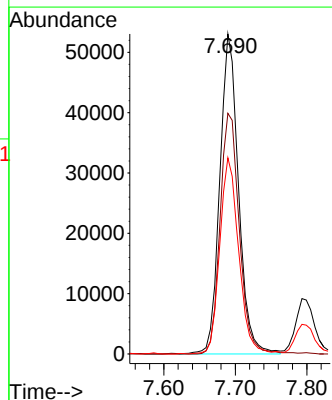
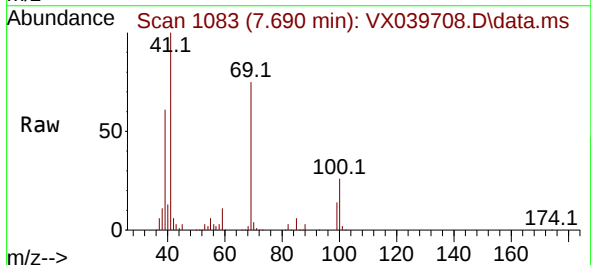
Manual Integrations
APPROVED

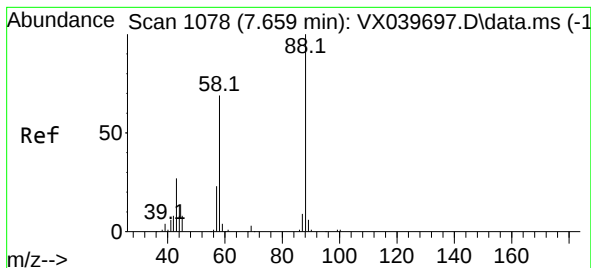
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#48
Methyl methacrylate
Concen: 49.468 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion: 41 Resp: 96564
Ion Ratio Lower Upper
41 100
69 77.4 59.2 88.8
39 62.1 47.7 71.5





#49

1,4-Dioxane

Concen: 949.214 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3585

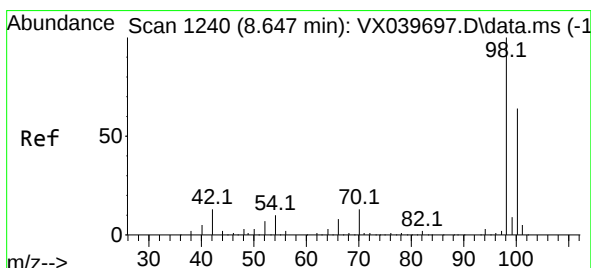
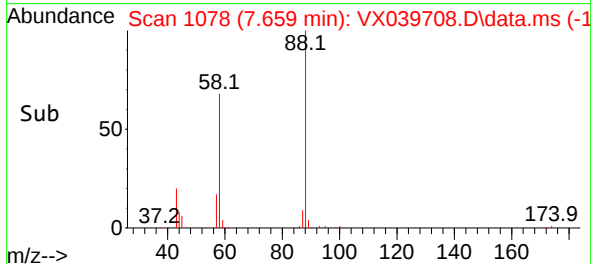
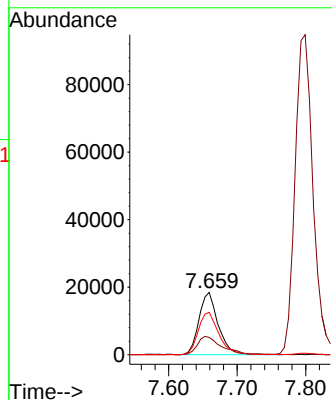
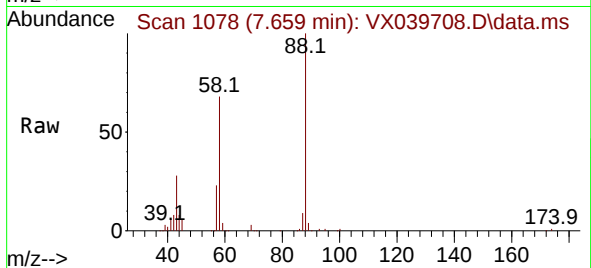
Ion	Ratio	Lower	Upper
88	100		
43	36.8	0.0	0.0
58	72.8	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#50

Toluene-d8

Concen: 48.445 ug/l

RT: 8.647 min Scan# 1240

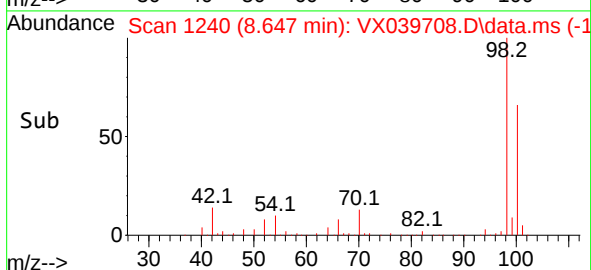
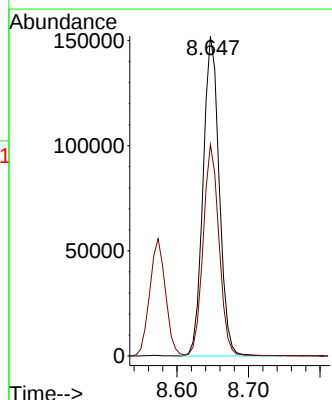
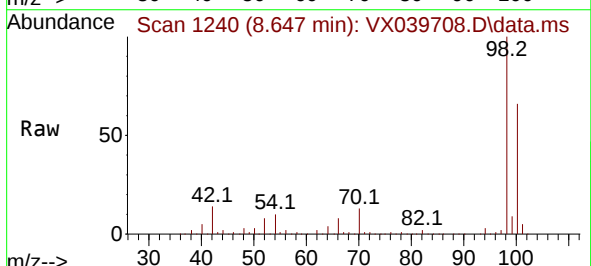
Delta R.T. -0.000 min

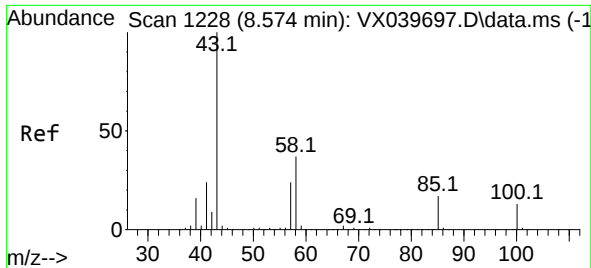
Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Tgt Ion: 98 Resp: 238201

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.1	79.7





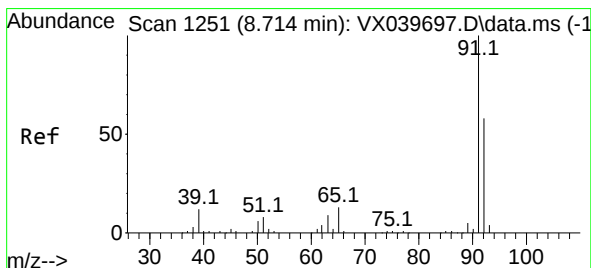
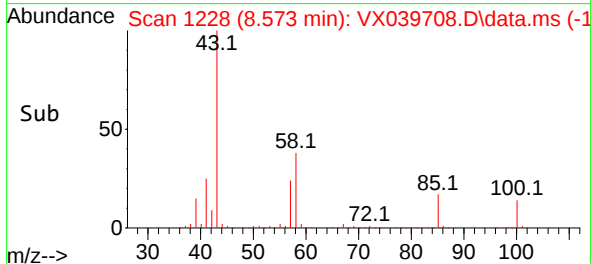
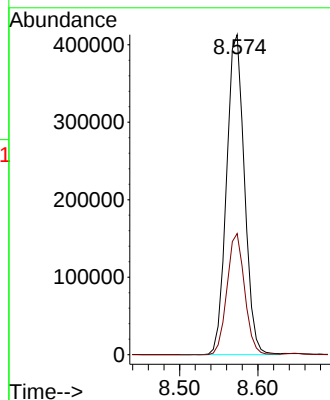
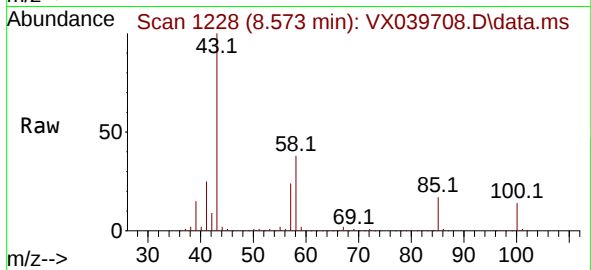
#51
4-Methyl-2-Pentanone
Concen: 239.932 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 656230
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6

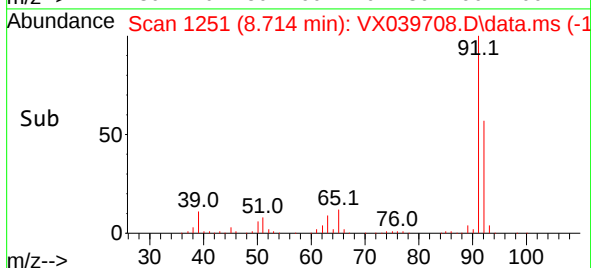
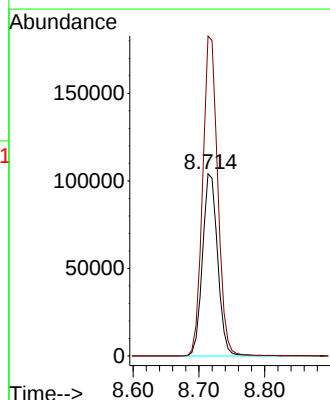
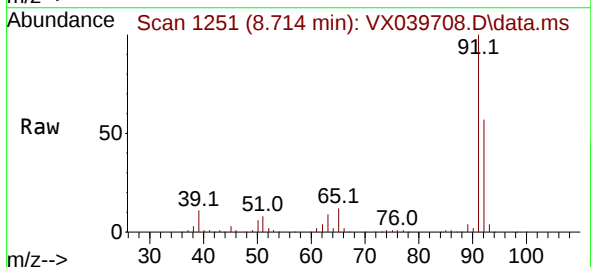
Manual Integrations
APPROVED

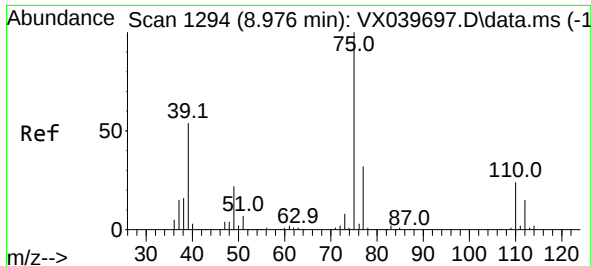
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#52
Toluene
Concen: 48.413 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion: 92 Resp: 166160
Ion Ratio Lower Upper
92 100
91 175.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.549 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 10785

Ion Ratio Lower Upper

75 100

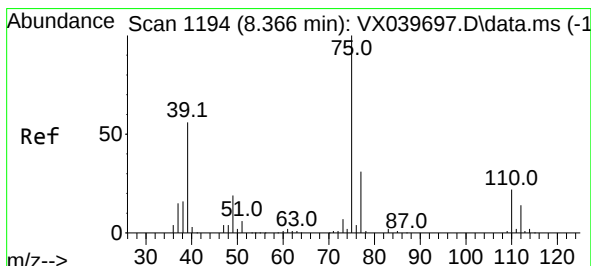
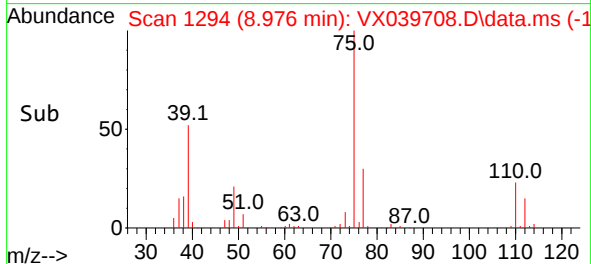
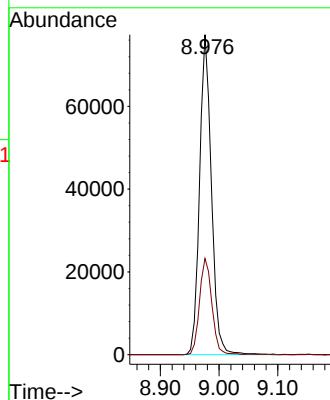
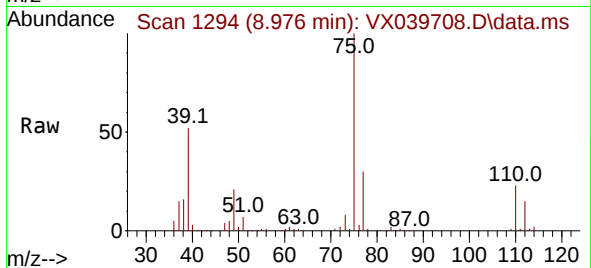
77 30.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#54

cis-1,3-Dichloropropene

Concen: 50.435 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

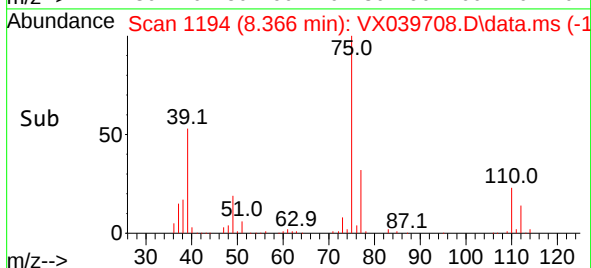
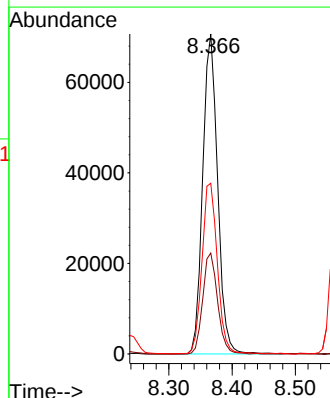
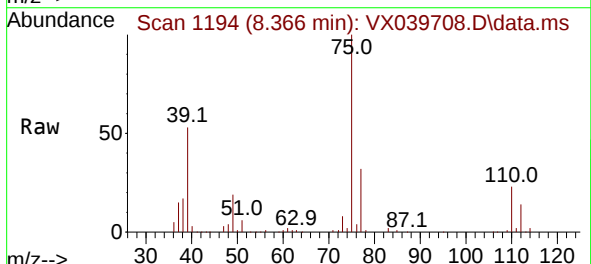
Tgt Ion: 75 Resp: 116037

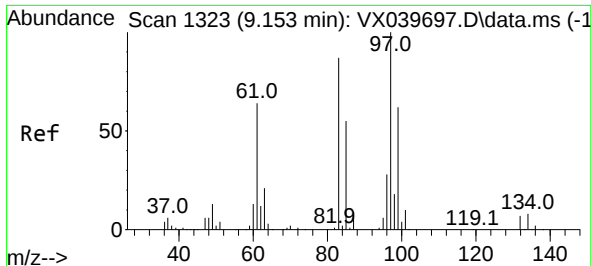
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 53.3 46.7 70.1





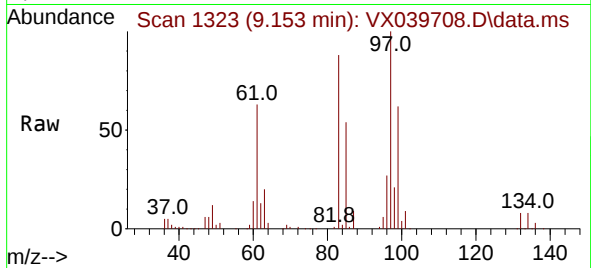
#55
1,1,2-Trichloroethane
Concen: 48.448 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



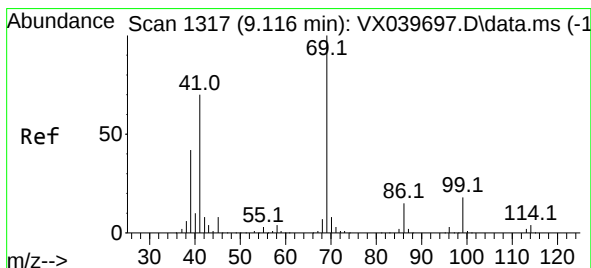
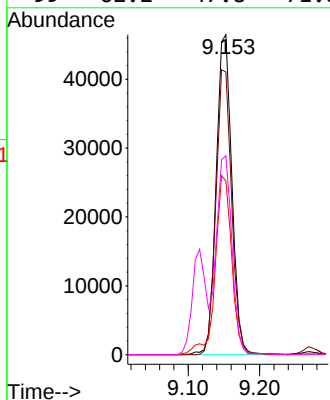
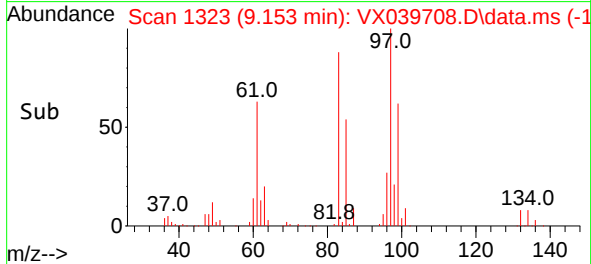
Tgt Ion: 97 Resp: 70795
Ion Ratio Lower Upper
97 100
83 88.3 65.8 98.8
85 54.3 41.6 62.4
99 62.2 47.8 71.8

Manual Integrations

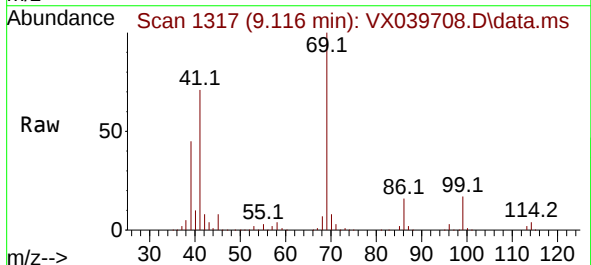
APPROVED

Reviewed By :John Carlone 01/11/2024

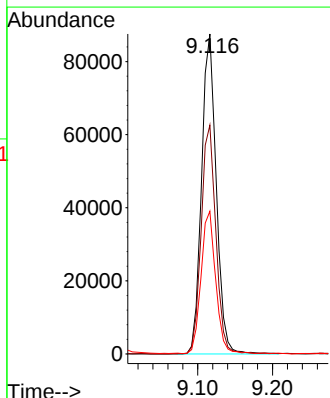
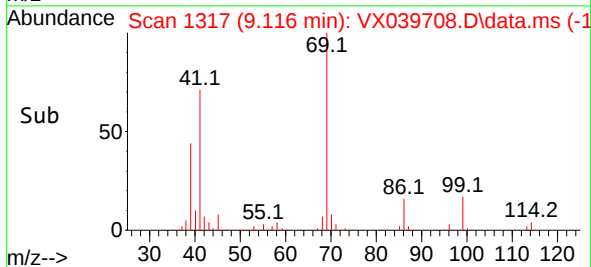
Supervised By :Mahesh Dadoda 01/11/2024

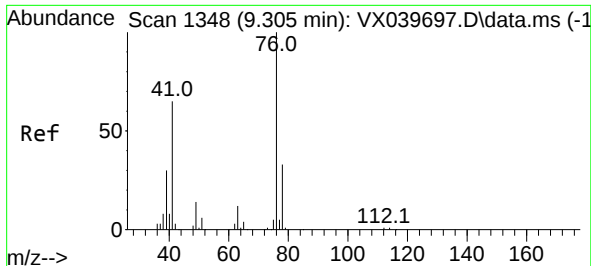


#56
Ethyl methacrylate
Concen: 50.614 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54



Tgt Ion: 69 Resp: 119702
Ion Ratio Lower Upper
69 100
41 71.6 56.8 85.2
39 44.4 32.0 48.0





#57

1,3-Dichloropropane

Concen: 48.998 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 12133

Ion Ratio Lower Upper

76 100

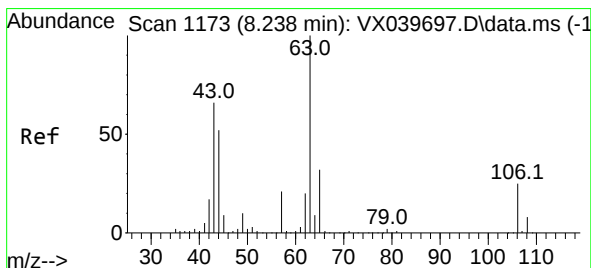
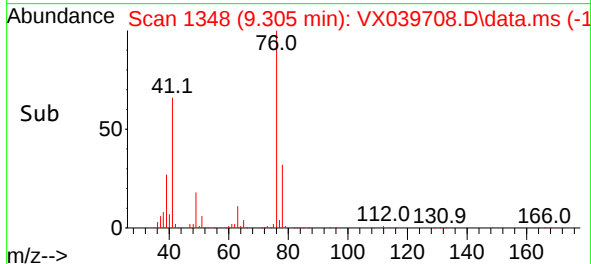
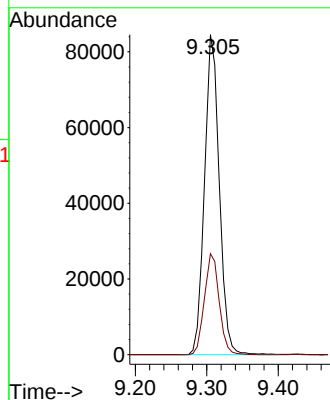
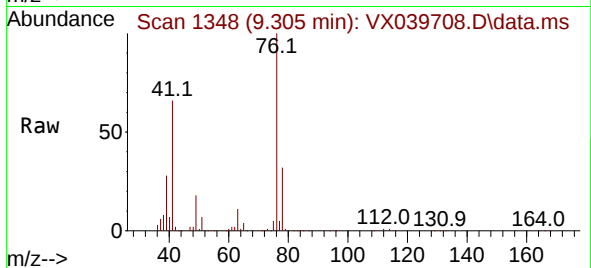
78 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#58

2-Chloroethyl Vinyl ether

Concen: 251.670 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX039708.D

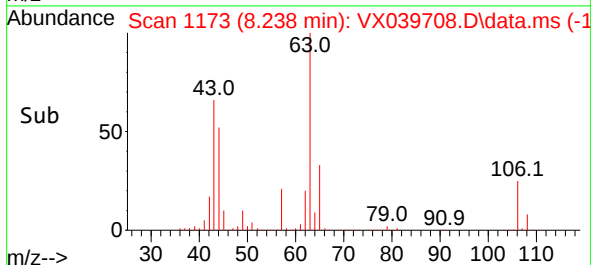
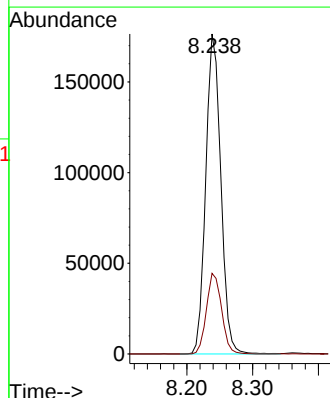
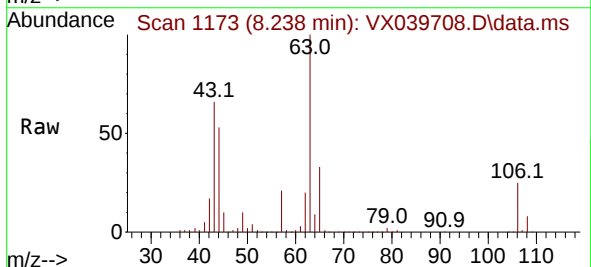
Acq: 10 Jan 2024 16:54

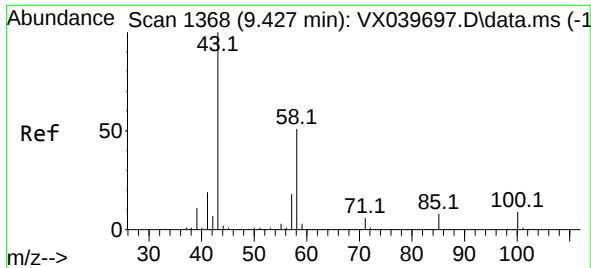
Tgt Ion: 63 Resp: 281335

Ion Ratio Lower Upper

63 100

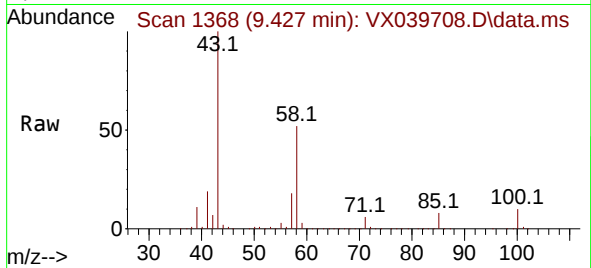
106 25.4 22.5 33.7





#59
2-Hexanone
Concen: 246.801 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

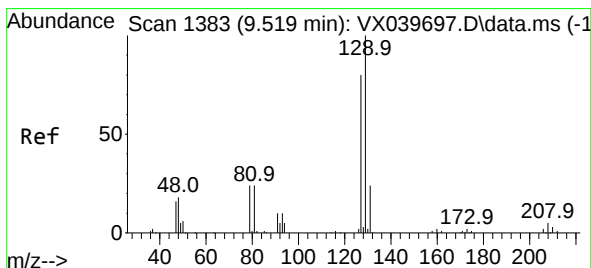
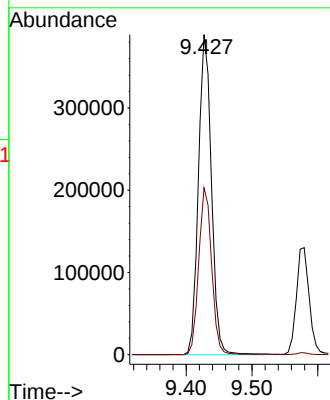
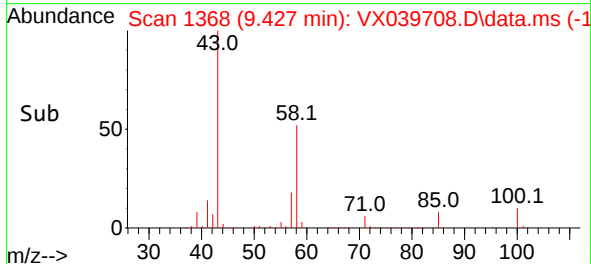
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 53424
Ion Ratio Lower Upper
43 100
58 51.8 26.2 78.5

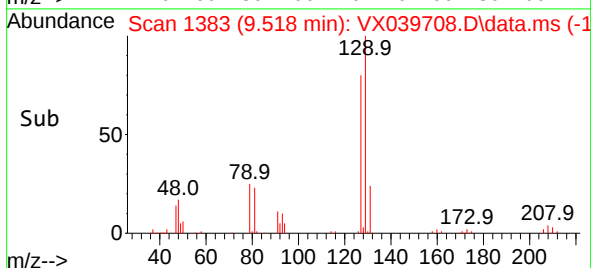
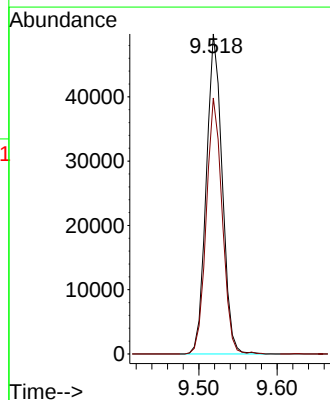
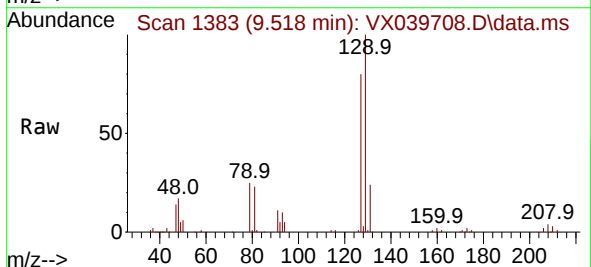
Manual Integrations
APPROVED

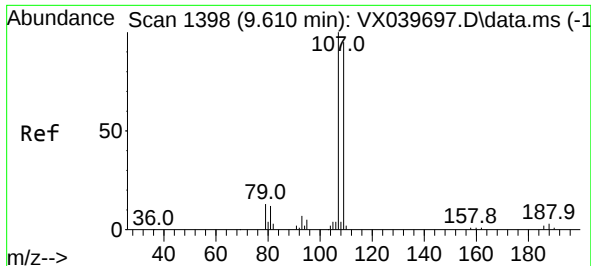
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#60
Dibromochloromethane
Concen: 50.836 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion:129 Resp: 70054
Ion Ratio Lower Upper
129 100
127 80.0 38.8 116.4





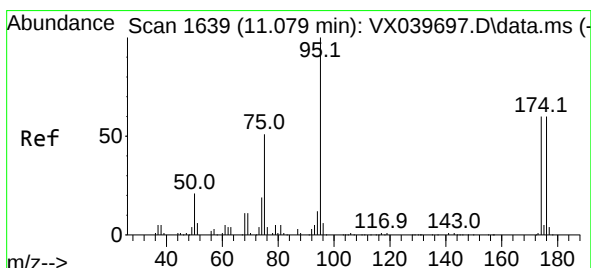
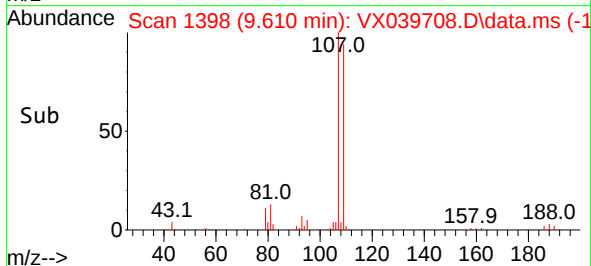
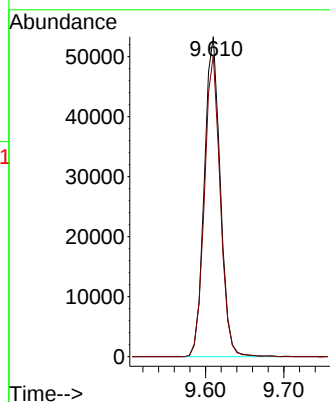
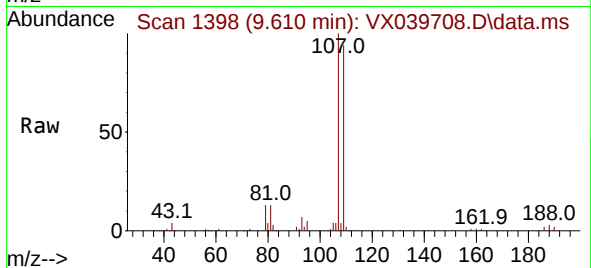
#61
1,2-Dibromoethane
Concen: 49.739 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 7526
Ion Ratio Lower Upper
107 100
109 93.1 75.2 112.8

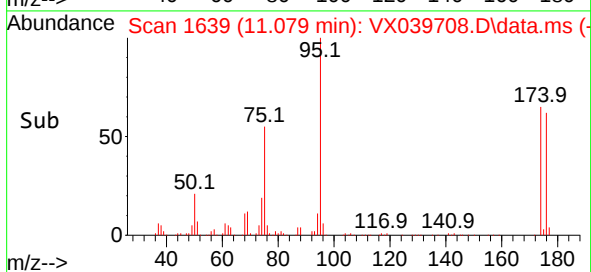
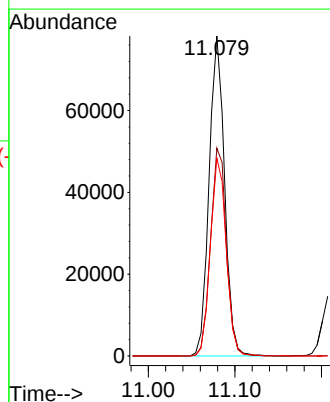
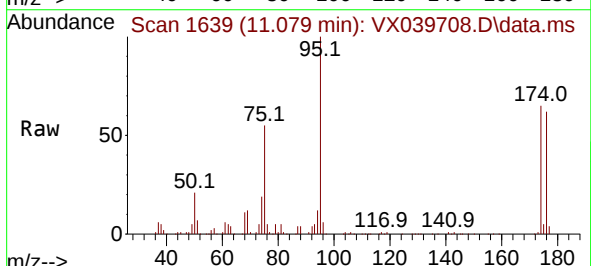
Manual Integrations
APPROVED

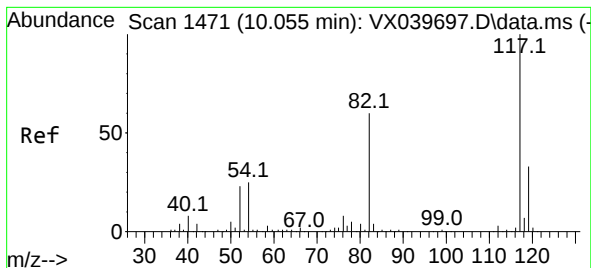
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#62
4-Bromofluorobenzene
Concen: 50.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

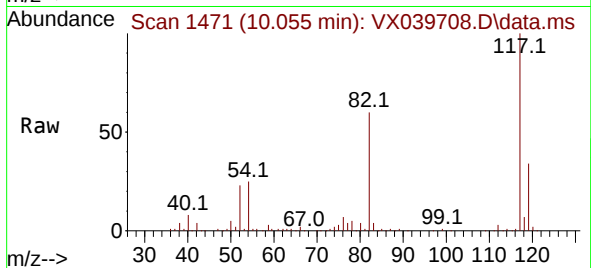
Tgt Ion: 95 Resp: 96835
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.6
176 63.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

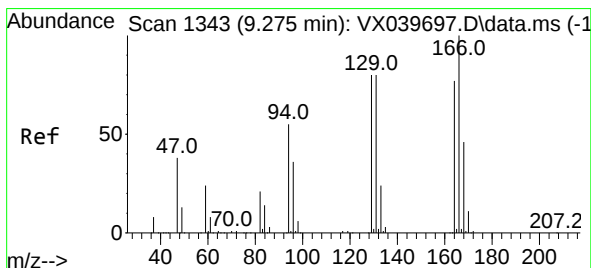
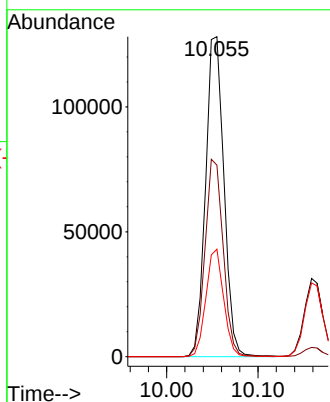
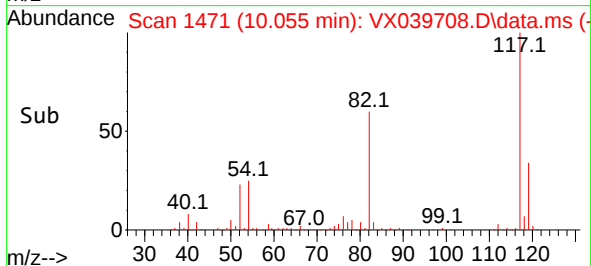
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 178208
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 33.6 25.5 38.3

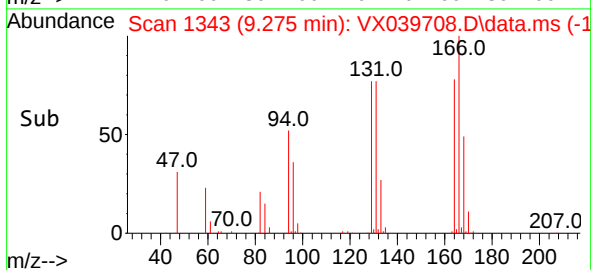
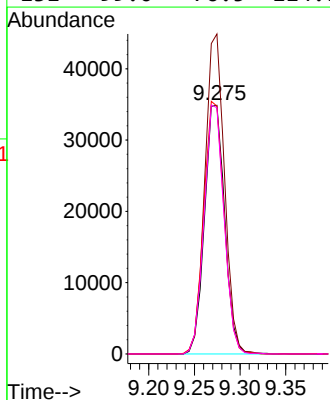
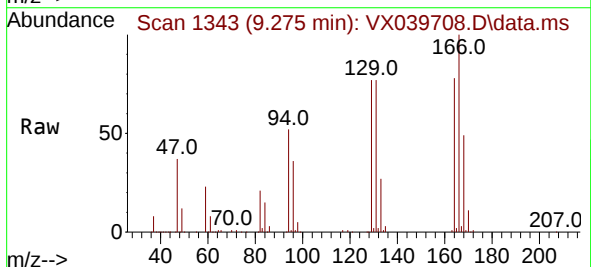
Manual Integrations
APPROVED

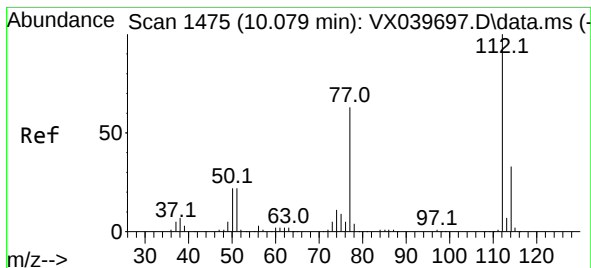
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#64
Tetrachloroethene
Concen: 45.937 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion:164 Resp: 53236
Ion Ratio Lower Upper
164 100
166 128.7 102.7 154.1
129 99.6 80.4 120.6
131 99.0 76.5 114.7





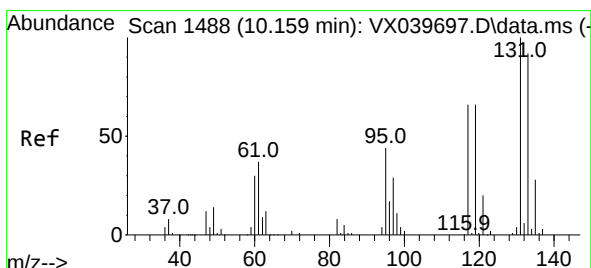
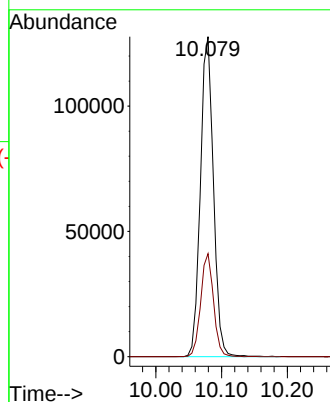
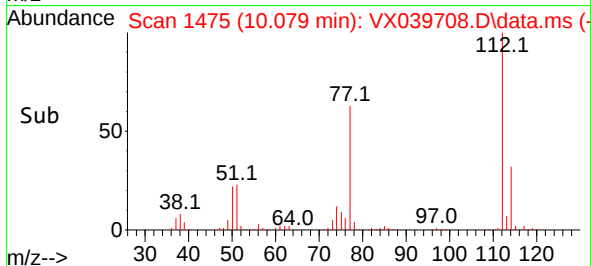
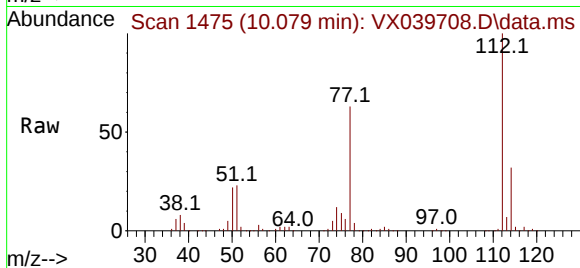
#65
Chlorobenzene
Concen: 47.326 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 17565
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

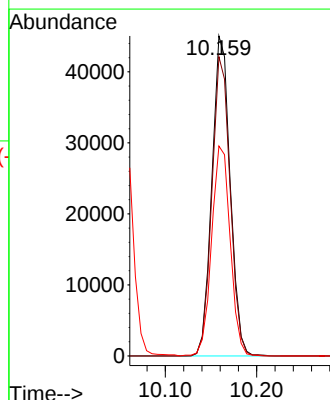
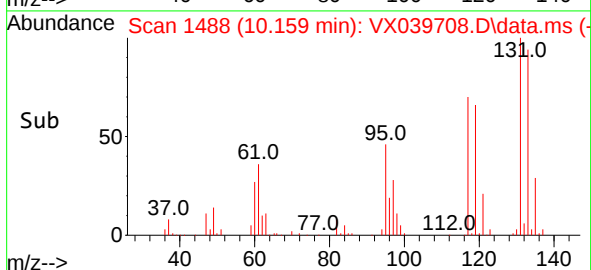
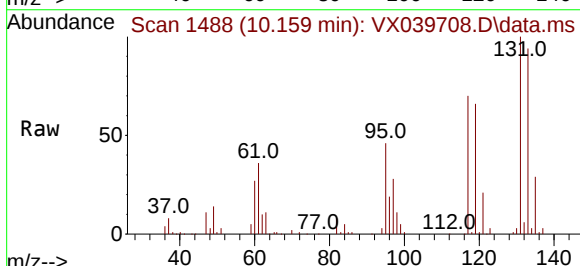
Manual Integrations
APPROVED

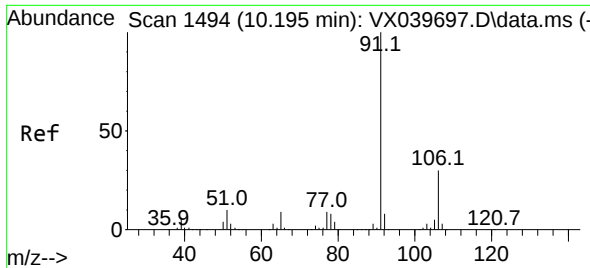
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.358 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

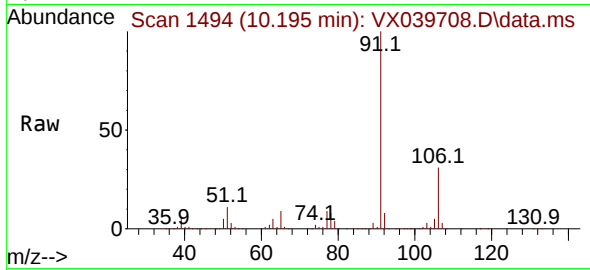
Tgt Ion:131 Resp: 62381
Ion Ratio Lower Upper
131 100
133 93.4 47.1 141.4
119 66.9 32.2 96.6





#67
Ethyl Benzene
Concen: 47.454 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

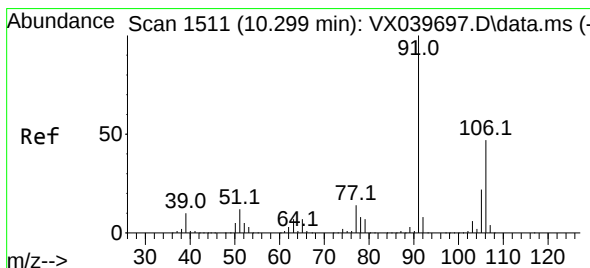
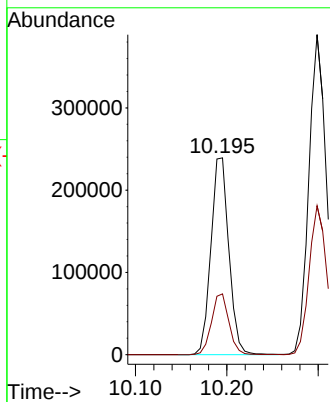
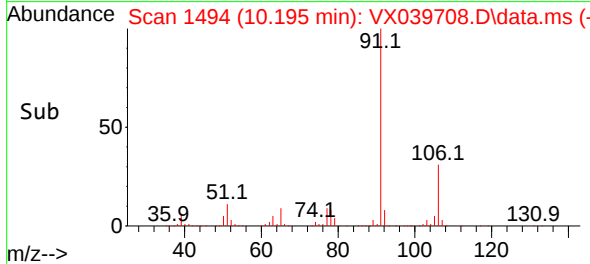
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



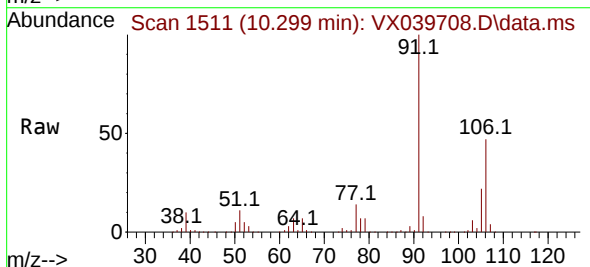
Tgt Ion: 91 Resp: 327002
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

Manual Integrations
APPROVED

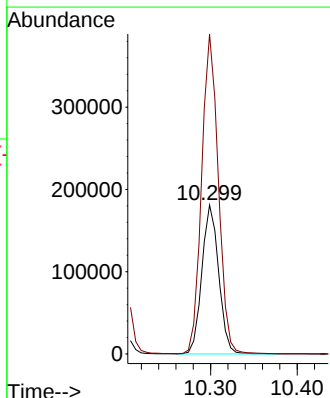
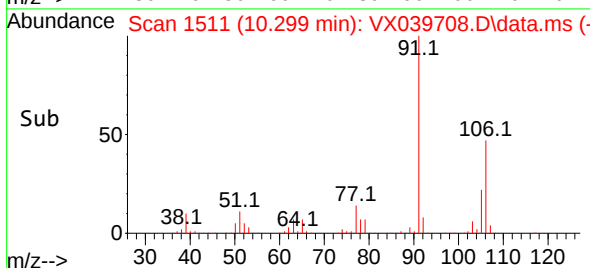
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

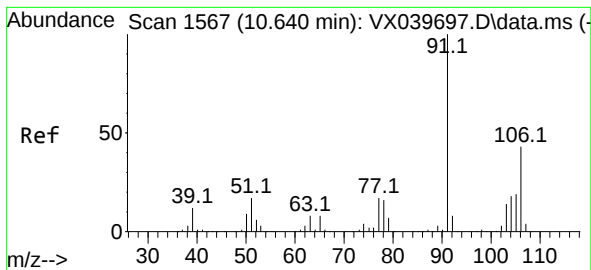


#68
m/p-Xylenes
Concen: 96.120 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54



Tgt Ion:106 Resp: 243593
Ion Ratio Lower Upper
106 100
91 213.9 165.5 248.3





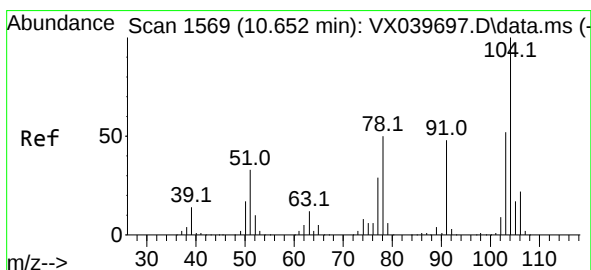
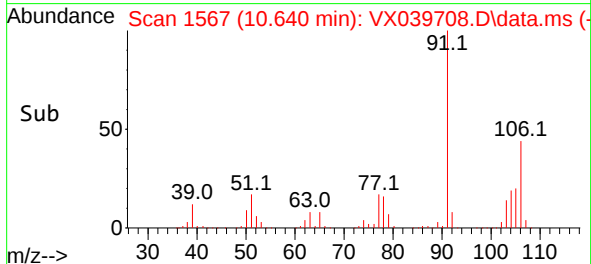
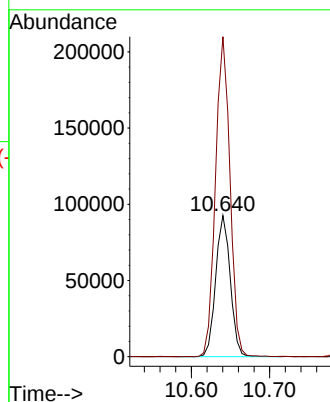
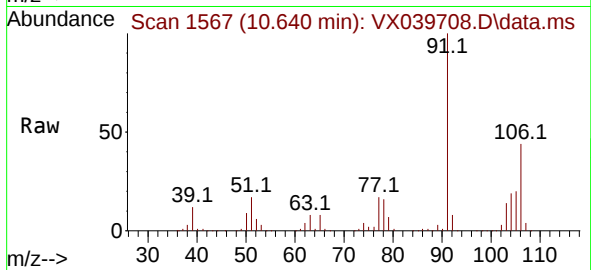
#69
o-Xylene
Concen: 47.749 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 11983
Ion Ratio Lower Upper
106 100
91 225.7 108.9 326.8

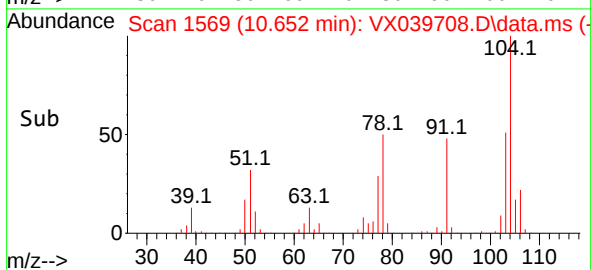
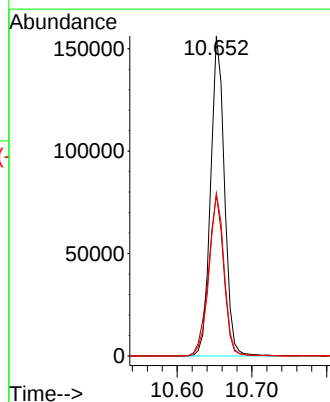
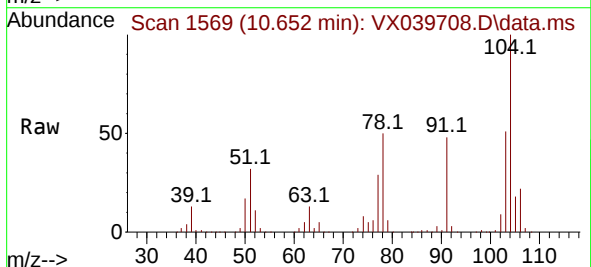
Manual Integrations
APPROVED

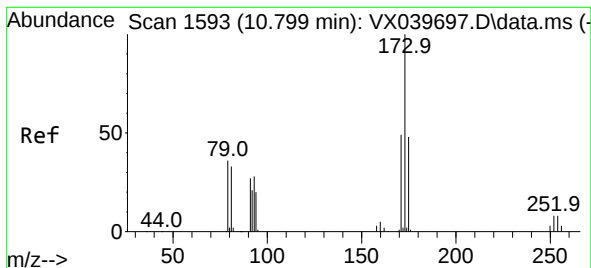
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#70
Styrene
Concen: 49.121 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion:104 Resp: 201383
Ion Ratio Lower Upper
104 100
78 55.9 43.6 65.4
103 55.4 43.6 65.4





#71

Bromoform

Concen: 51.397 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 48776

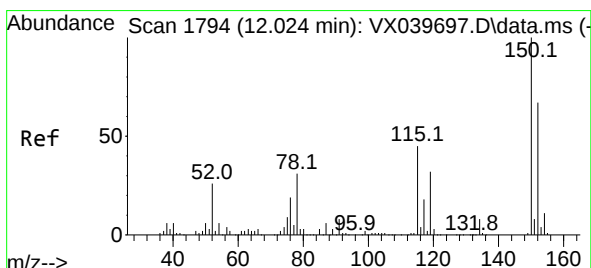
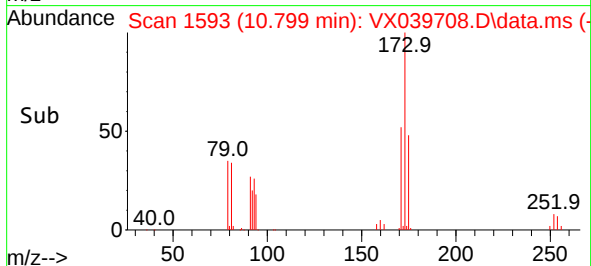
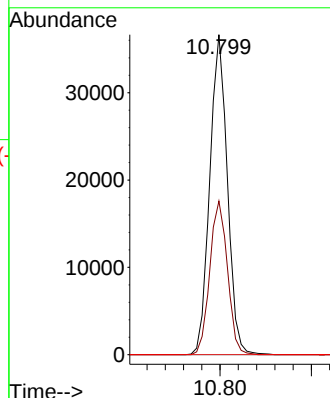
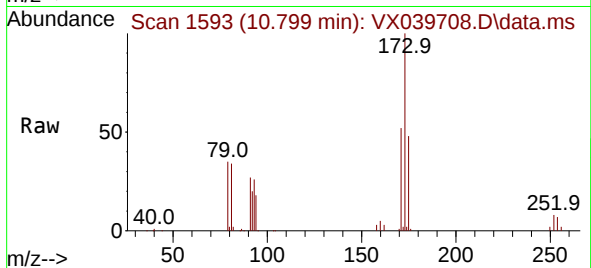
Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

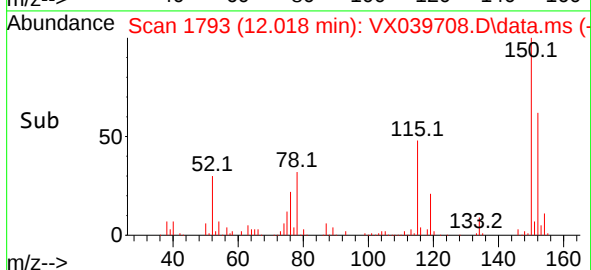
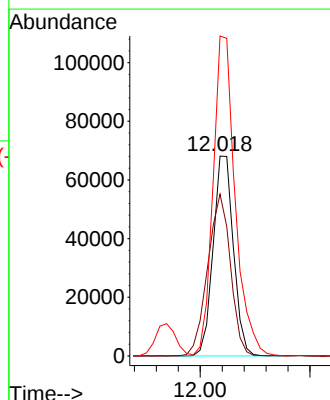
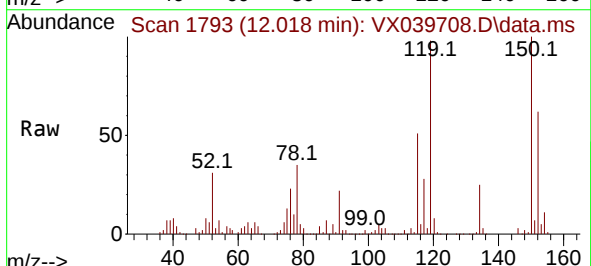
Delta R.T. -0.006 min

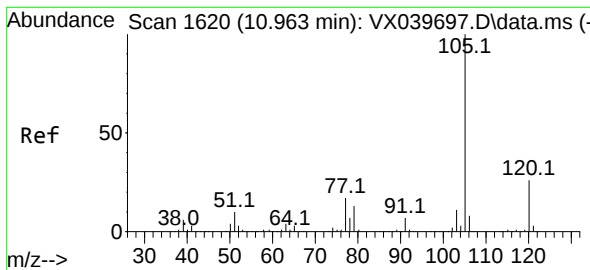
Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Tgt Ion:152 Resp: 87693

Ion	Ratio	Lower	Upper
152	100		
115	90.8	43.3	129.9
150	174.0	0.0	345.0





#73

Isopropylbenzene

Concen: 44.944 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 31379

Ion Ratio Lower Upper

105 100

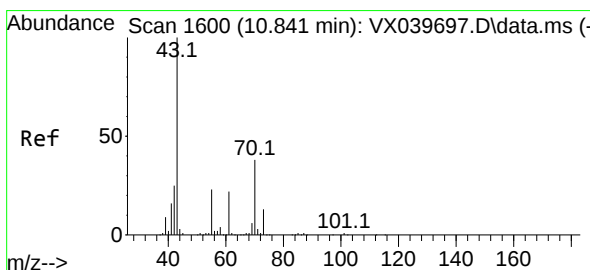
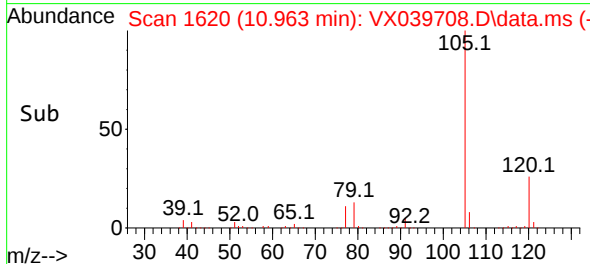
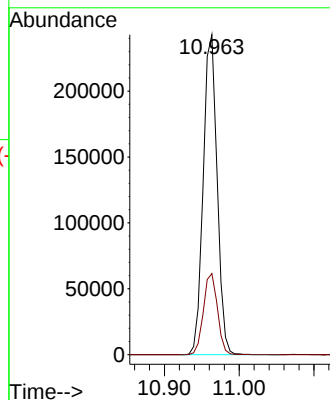
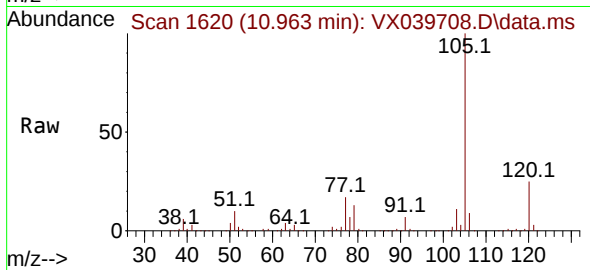
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#74

N-ethyl acetate

Concen: 49.155 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Tgt Ion: 43 Resp: 178890

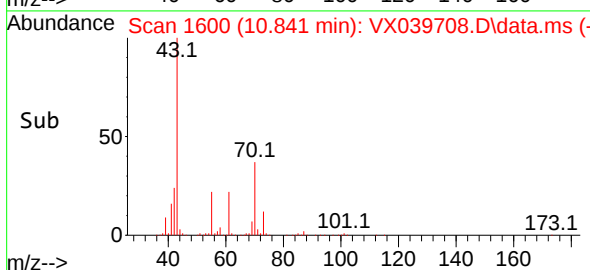
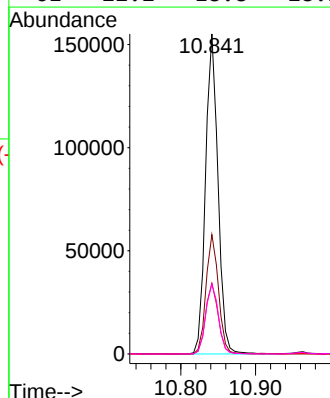
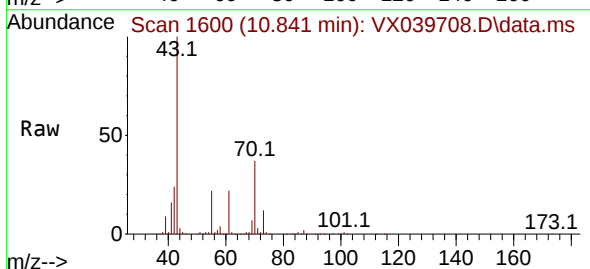
Ion Ratio Lower Upper

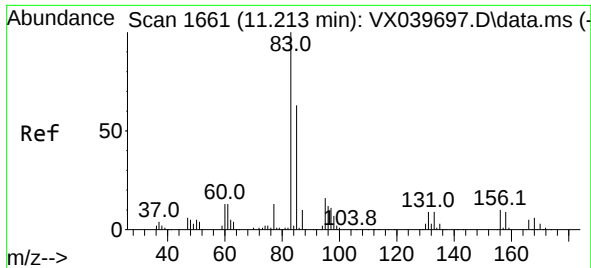
43 100

70 37.4 32.9 49.3

55 22.4 19.3 28.9

61 22.2 18.8 28.2





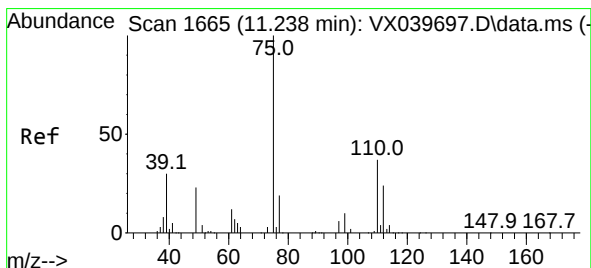
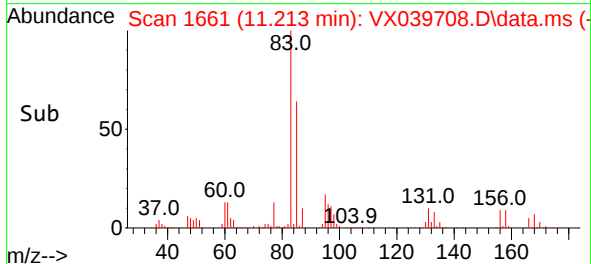
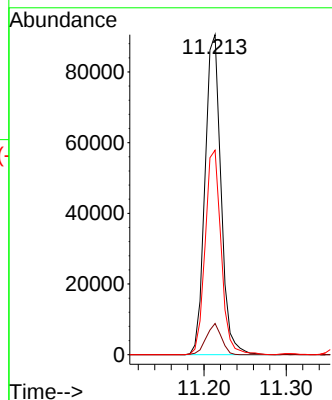
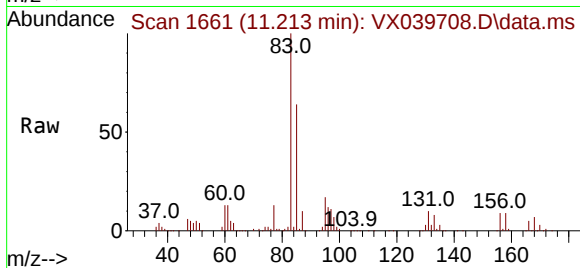
#75
1,1,2,2-Tetrachloroethane
Concen: 45.705 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 12185
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 64.1 32.0 96.2

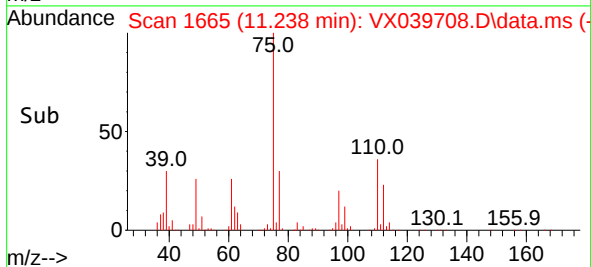
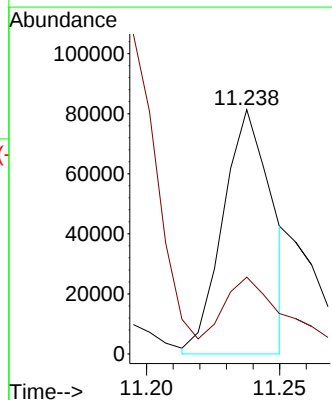
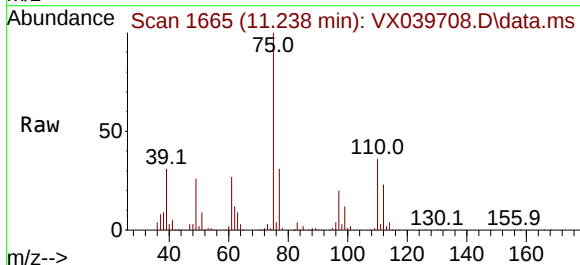
Manual Integrations
APPROVED

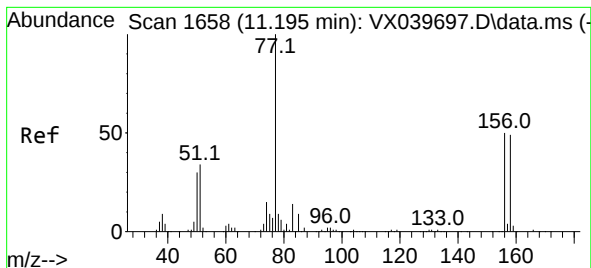
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#76
1,2,3-Trichloropropane
Concen: 45.687 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion: 75 Resp: 103870
Ion Ratio Lower Upper
75 100
77 41.5 19.1 57.5





#77

Bromobenzene

Concen: 45.580 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 7085

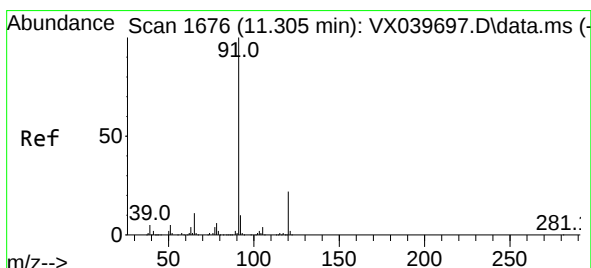
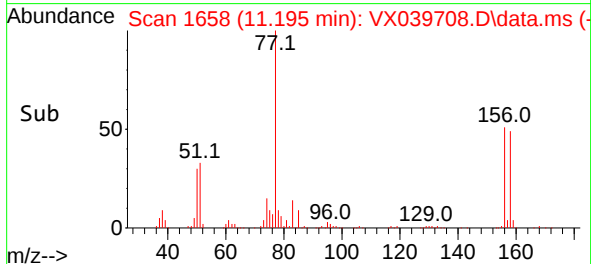
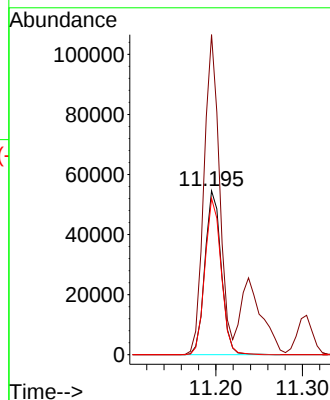
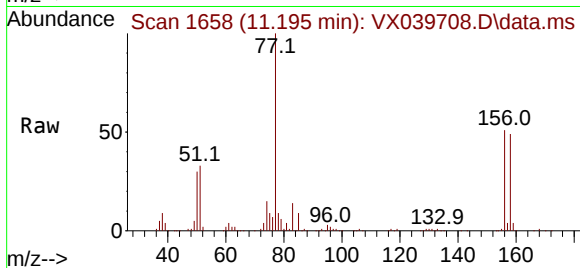
Ion	Ratio	Lower	Upper
156	100		
77	187.6	88.4	265.3
158	95.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#78

n-propylbenzene

Concen: 46.053 ug/l

RT: 11.305 min Scan# 1676

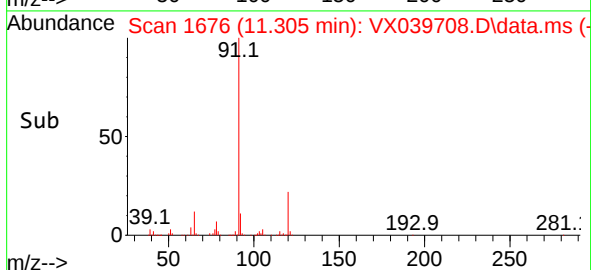
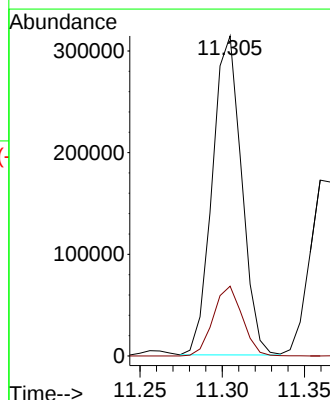
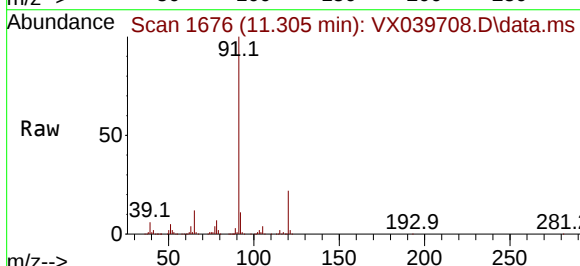
Delta R.T. -0.000 min

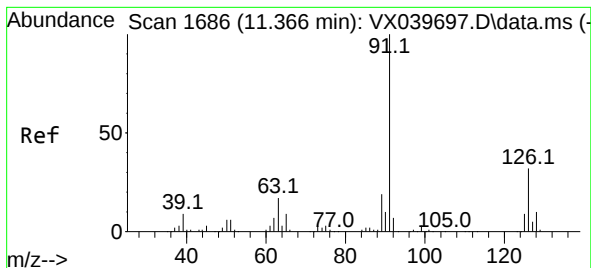
Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Tgt Ion: 91 Resp: 389163

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.5	34.4





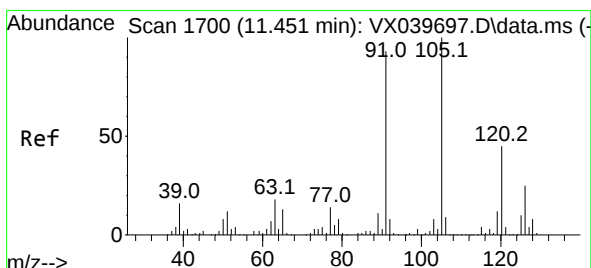
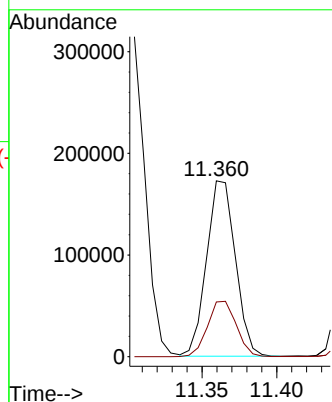
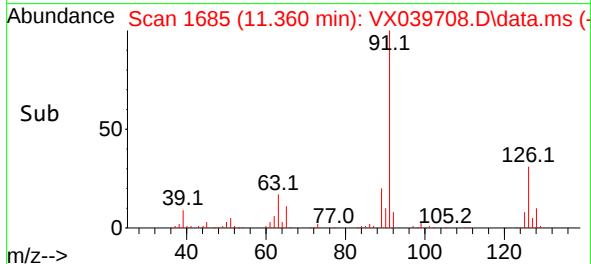
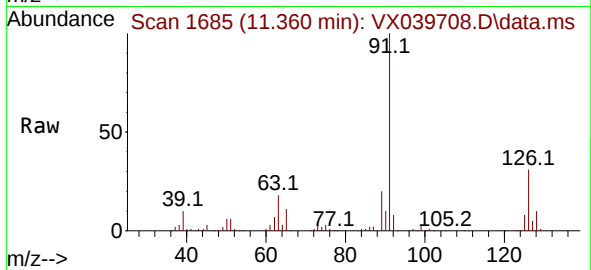
#79
2-Chlorotoluene
Concen: 44.320 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 231479
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8

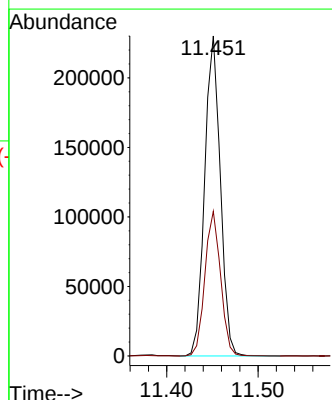
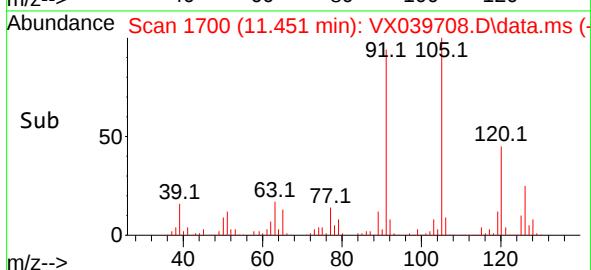
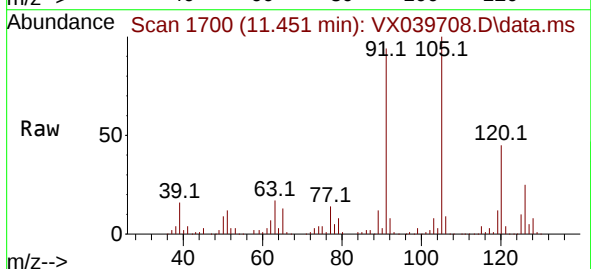
Manual Integrations
APPROVED

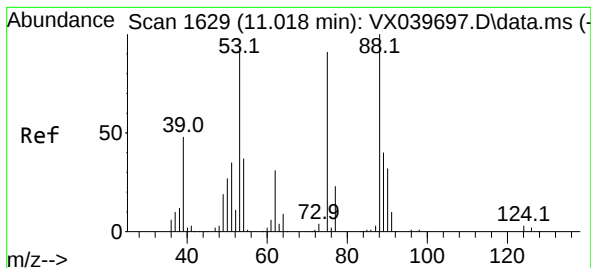
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 46.032 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion:105 Resp: 272957
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





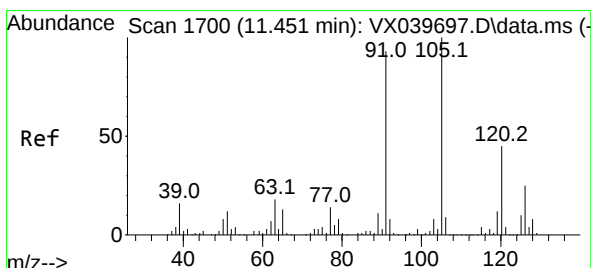
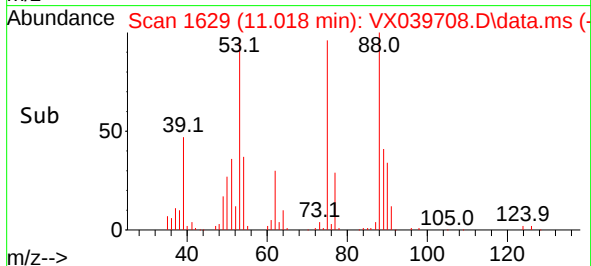
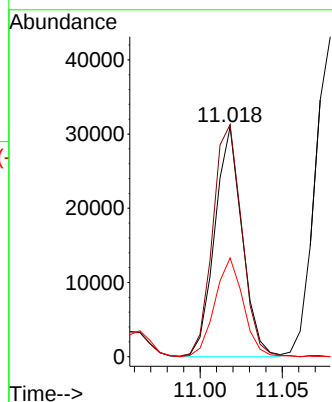
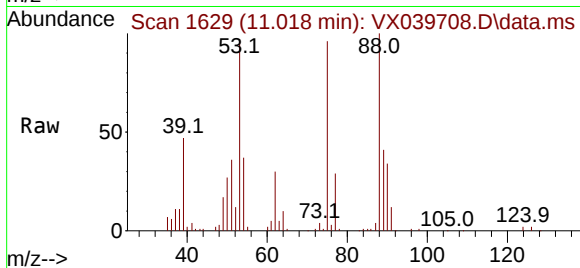
#81
trans-1,4-Dichloro-2-butene
Concen: 47.492 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3596
Ion Ratio Lower Upper
75 100
53 107.0 90.5 135.7
89 44.4 36.9 55.3

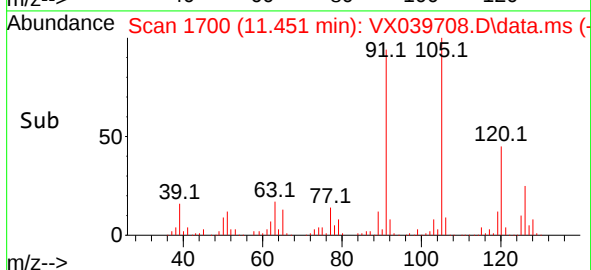
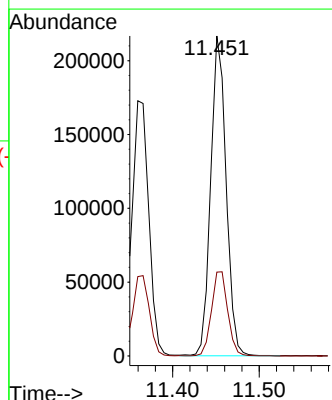
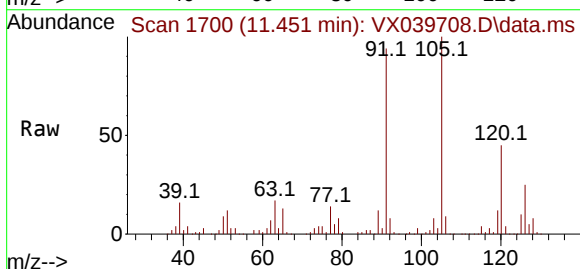
Manual Integrations
APPROVED

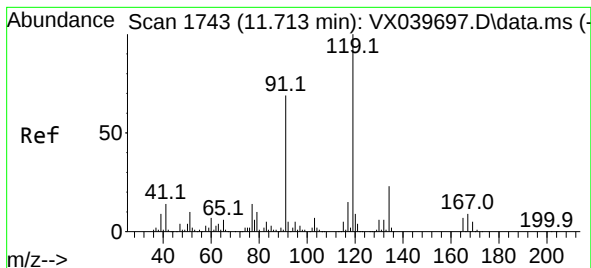
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#82
4-Chlorotoluene
Concen: 45.253 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

Tgt Ion: 91 Resp: 268081
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 45.543 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

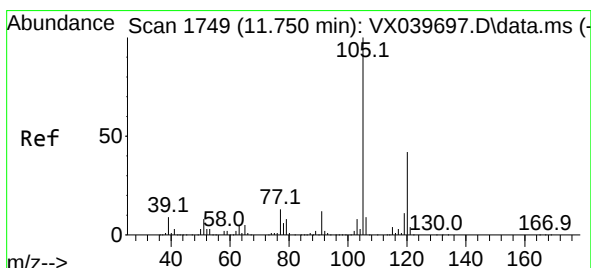
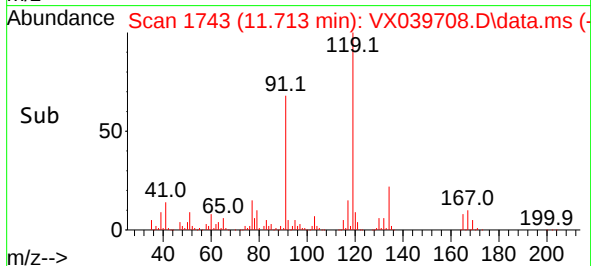
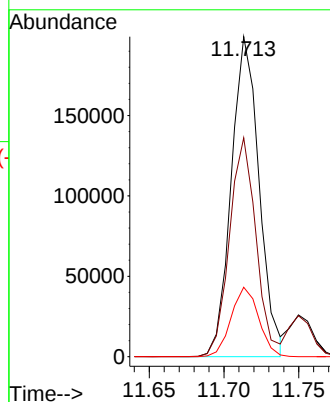
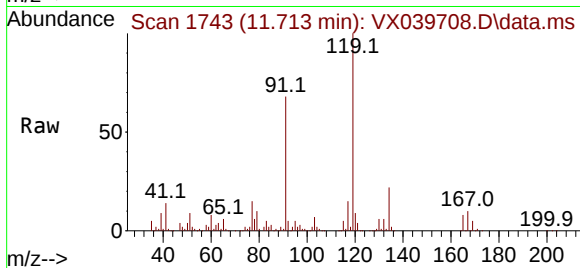
Tgt Ion:119 Resp: 257825
 Ion Ratio Lower Upper
 119 100
 91 65.5 31.2 93.6
 134 21.5 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#84

1,2,4-Trimethylbenzene

Concen: 46.297 ug/l

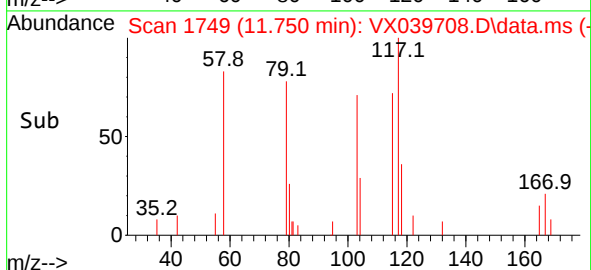
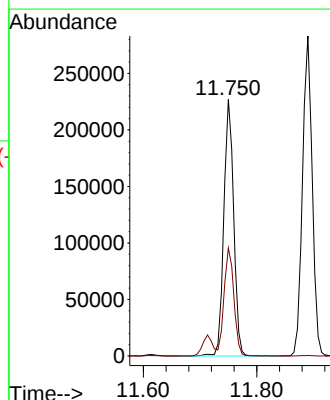
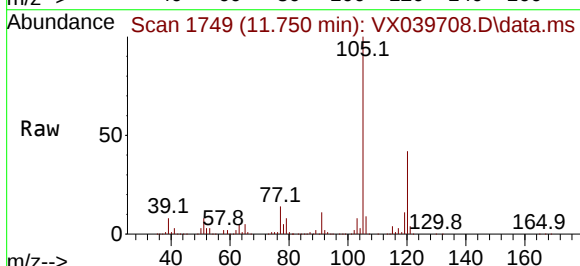
RT: 11.750 min Scan# 1749

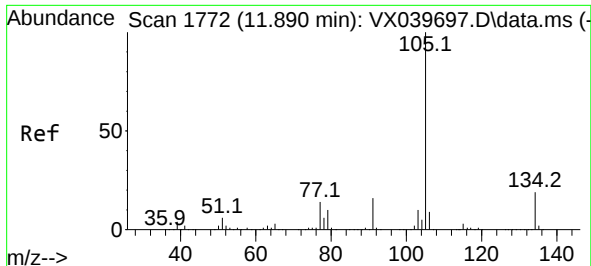
Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

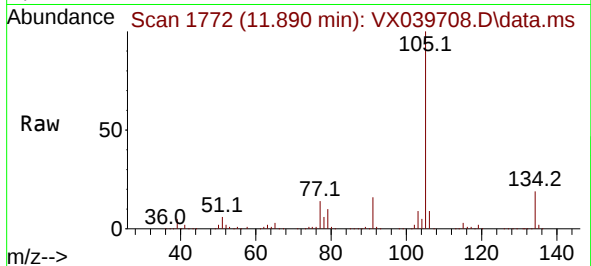
Tgt Ion:105 Resp: 273888
 Ion Ratio Lower Upper
 105 100
 120 41.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 45.785 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039708.D
 Acq: 10 Jan 2024 16:54

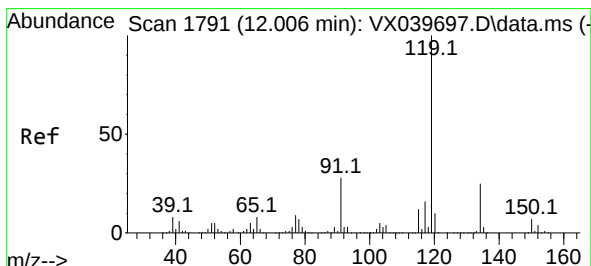
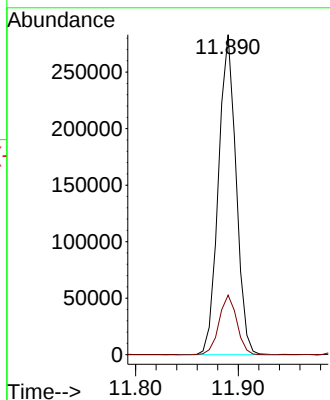
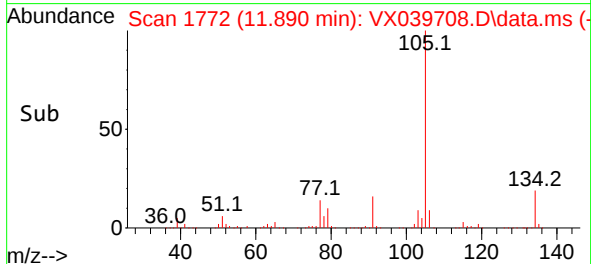
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



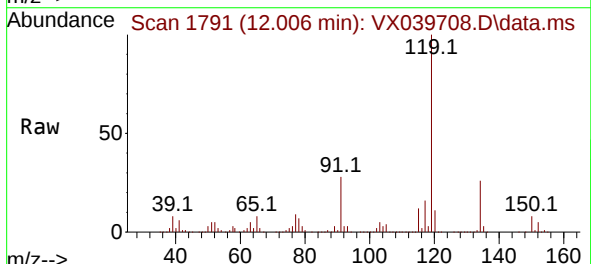
Tgt Ion:105 Resp: 336469
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

Manual Integrations
 APPROVED

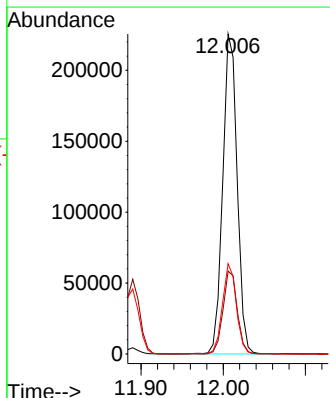
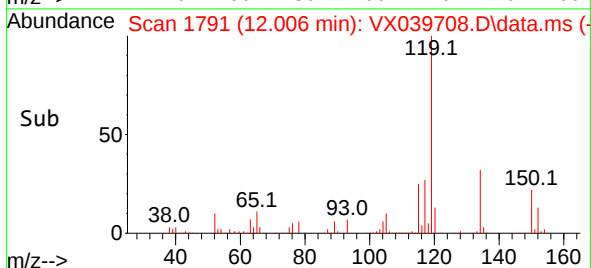
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024

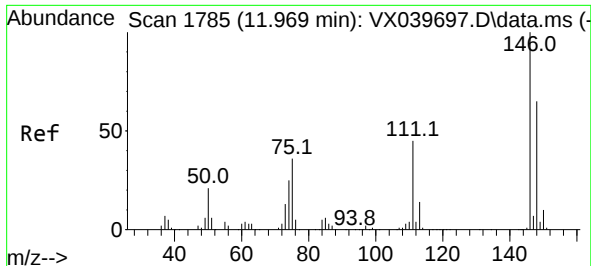


#86
 p-Isopropyltoluene
 Concen: 46.738 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039708.D
 Acq: 10 Jan 2024 16:54



Tgt Ion:119 Resp: 274510
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 27.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 45.707 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 136199

Ion Ratio Lower Upper

146 100

111 45.0 22.1 66.1

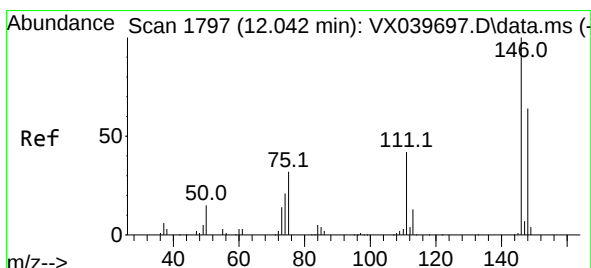
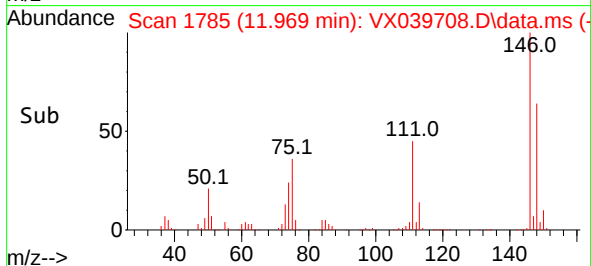
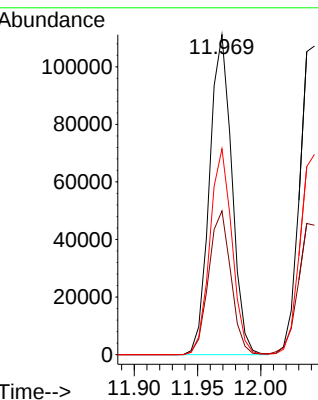
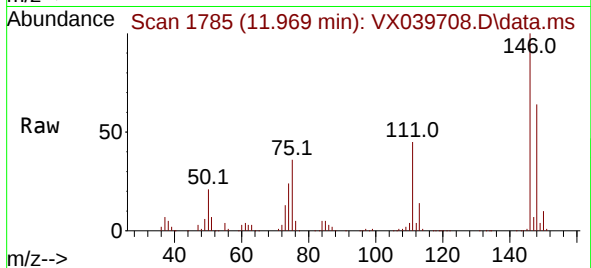
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#88

1,4-Dichlorobenzene

Concen: 44.899 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

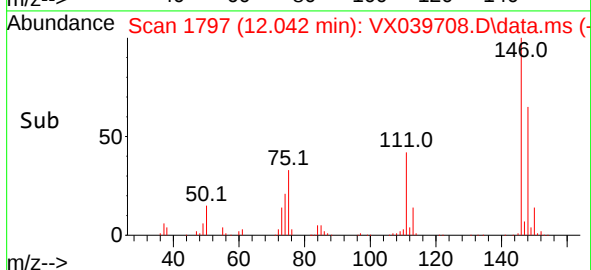
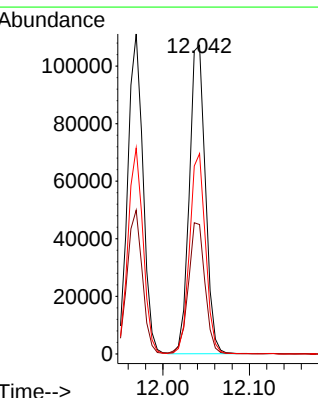
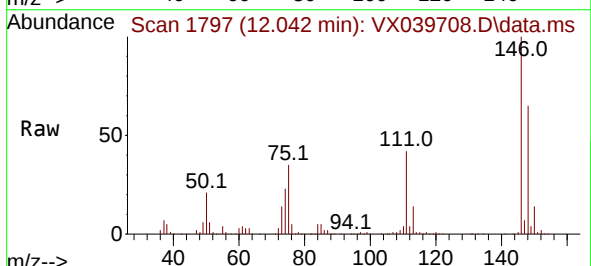
Tgt Ion:146 Resp: 138184

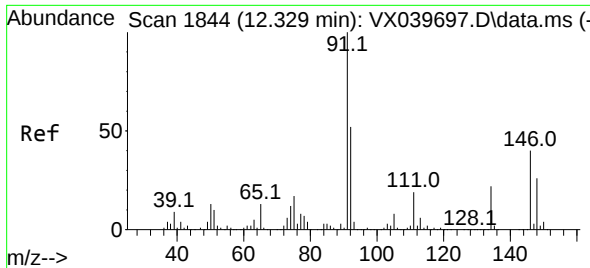
Ion Ratio Lower Upper

146 100

111 43.6 21.3 63.7

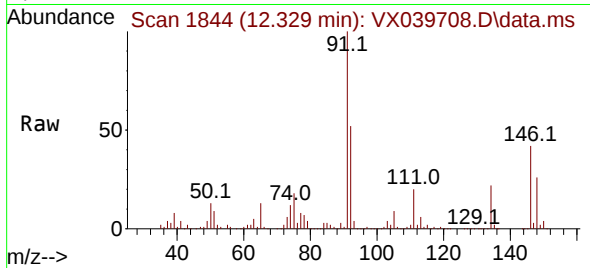
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 46.684 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

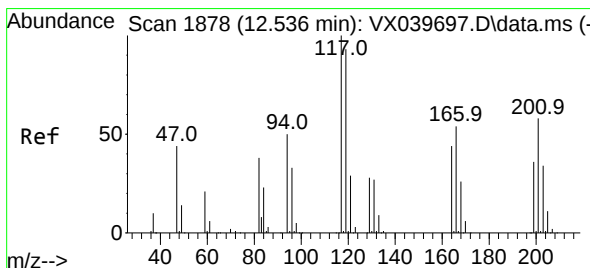
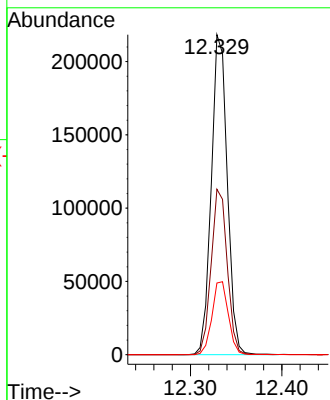
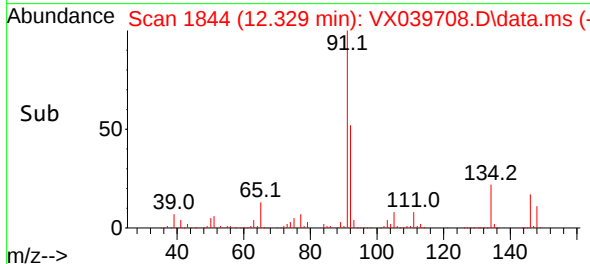
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 264830
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 23.4 12.6 37.8

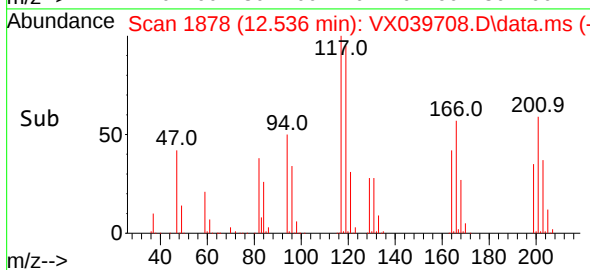
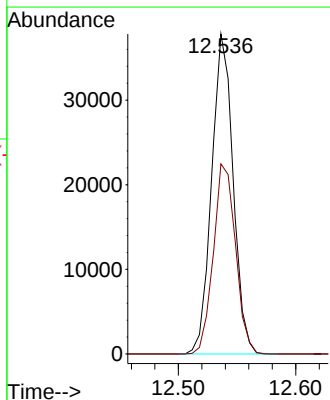
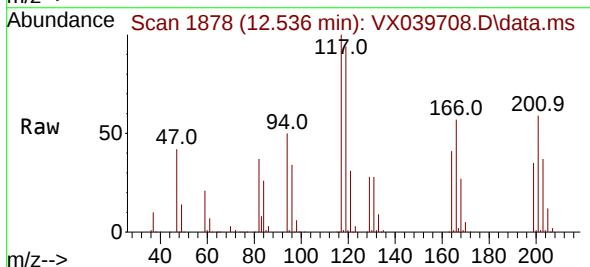
Manual Integrations
APPROVED

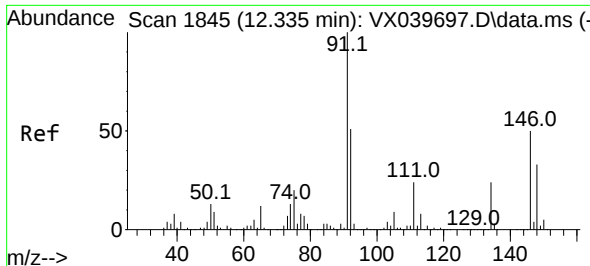
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#90
Hexachloroethane
Concen: 48.445 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

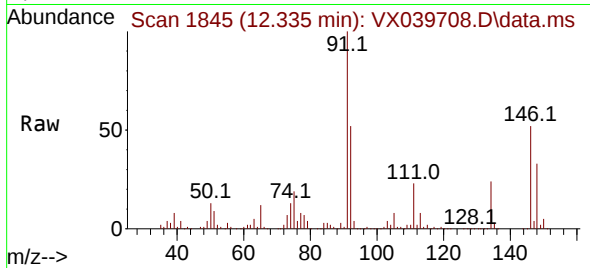
Tgt Ion:117 Resp: 48002
Ion Ratio Lower Upper
117 100
201 61.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 45.306 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

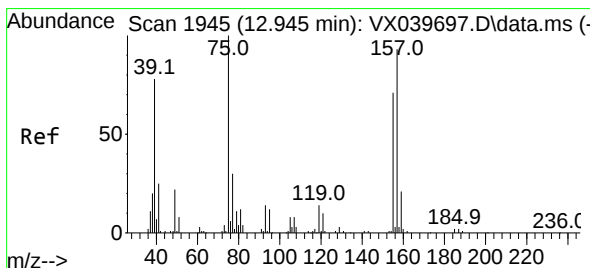
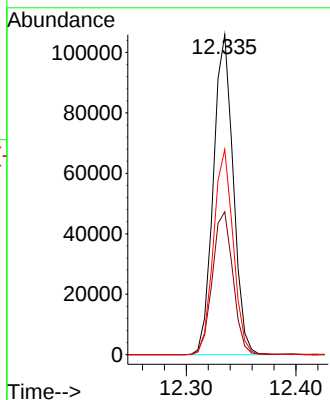
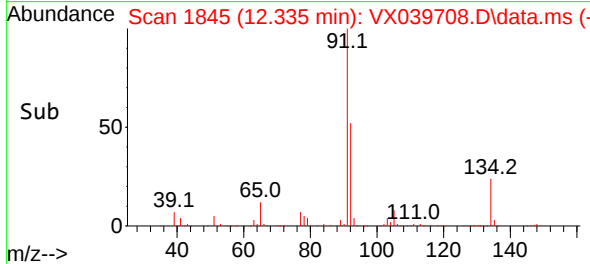
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



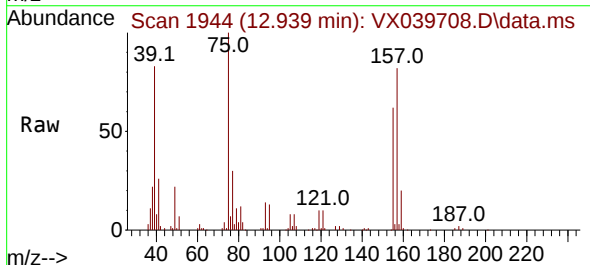
Tgt Ion:146 Resp: 13347
Ion Ratio Lower Upper
146 100
111 46.0 22.4 67.0
148 63.5 31.6 95.0

Manual Integrations
APPROVED

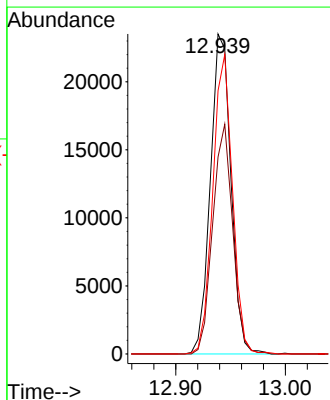
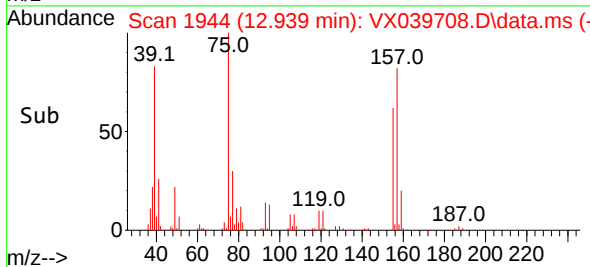
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

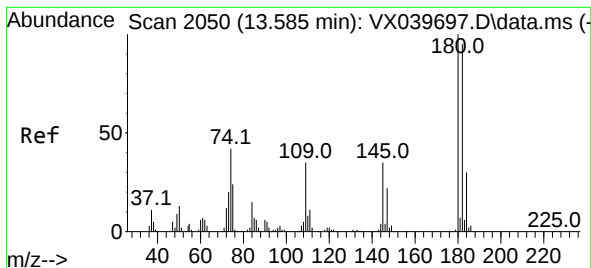


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.032 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54



Tgt Ion: 75 Resp: 30726
Ion Ratio Lower Upper
75 100
155 69.6 36.1 108.5
157 89.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 46.639 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

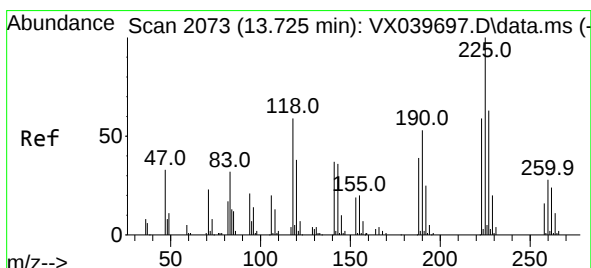
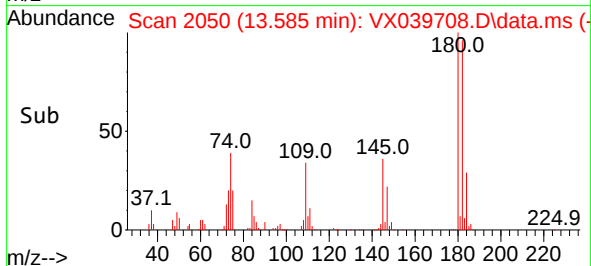
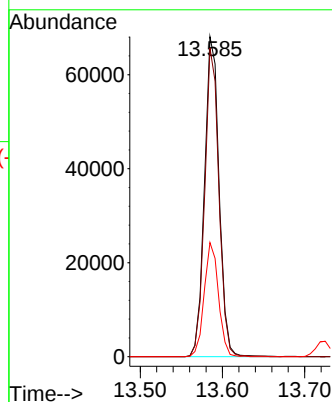
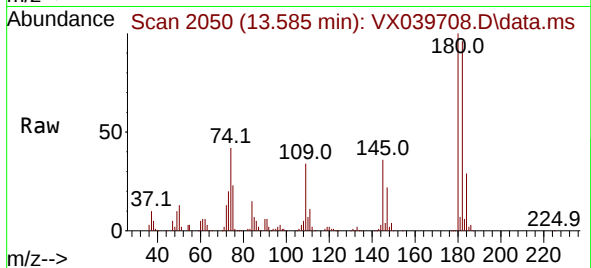
Tgt Ion:180	Resp:	83964
Ion Ratio	Lower	Upper
180	100	
182	93.9	48.3 144.8
145	34.9	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#94

Hexachlorobutadiene

Concen: 44.503 ug/l

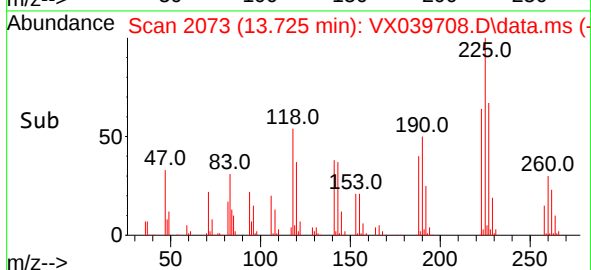
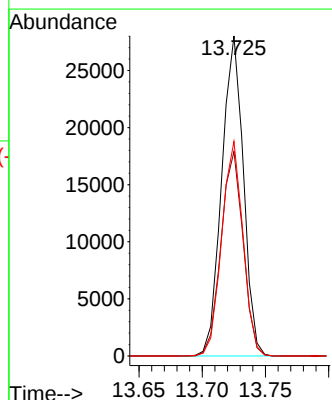
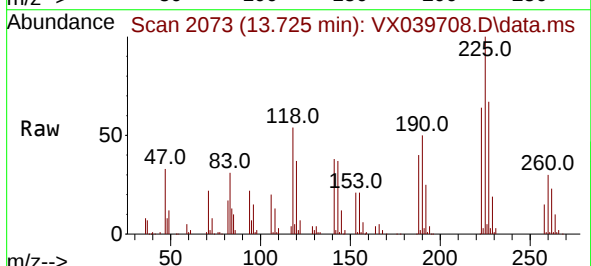
RT: 13.725 min Scan# 2073

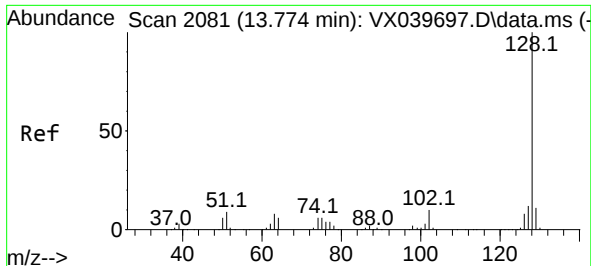
Delta R.T. -0.000 min

Lab File: VX039708.D

Acq: 10 Jan 2024 16:54

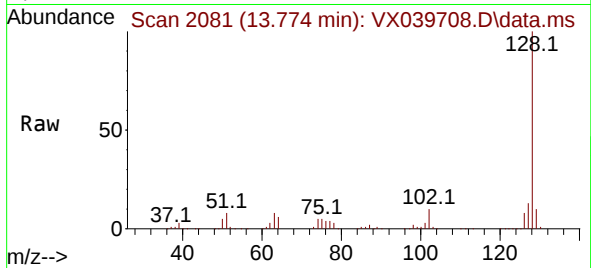
Tgt Ion:225	Resp:	33305
Ion Ratio	Lower	Upper
225	100	
223	64.8	31.1 93.2
227	65.9	32.5 97.5





#95
Naphthalene
Concen: 46.306 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54

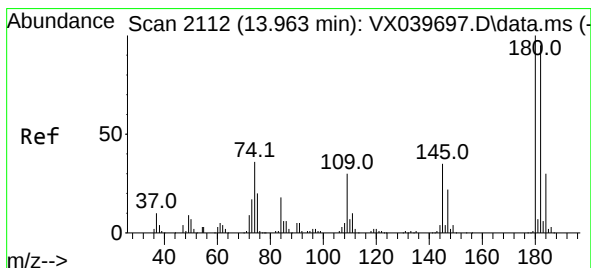
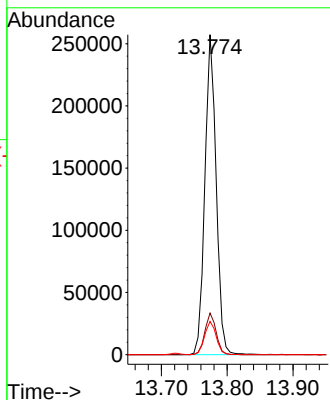
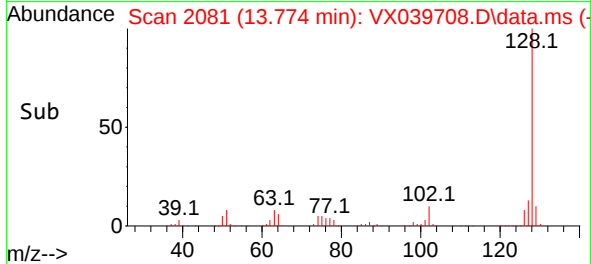
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



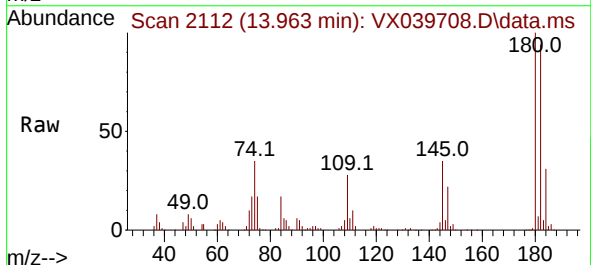
Tgt Ion:128 Resp: 306897
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#96
1,2,3-Trichlorobenzene
Concen: 46.222 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039708.D
Acq: 10 Jan 2024 16:54



Tgt Ion:180 Resp: 83983
Ion Ratio Lower Upper
180 100
182 92.5 46.9 140.6
145 35.3 17.8 53.5

