

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039697.D
 Acq On : 10 Jan 2024 11:58
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jan 11 03:32:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:21:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86375	47.316	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.640%		
35) Dibromofluoromethane	5.385	113	63224	48.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.840%		
50) Toluene-d8	8.647	98	237586	48.242	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.480%		
62) 4-Bromofluorobenzene	11.079	95	94020	48.820	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72044	51.097	ug/l	96
3) Chloromethane	1.294	50	78373	48.672	ug/l	98
4) Vinyl Chloride	1.374	62	74371	48.940	ug/l	99
5) Bromomethane	1.599	94	42303	48.788	ug/l	99
6) Chloroethane	1.678	64	44632	51.768	ug/l	96
7) Trichlorofluoromethane	1.886	101	105924	48.320	ug/l	96
8) Diethyl Ether	2.130	74	38995	48.135	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	66305	48.788	ug/l	96
10) Methyl Iodide	2.453	142	75361	52.563	ug/l	93
11) Tert butyl alcohol	2.959	59	117173	246.580	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	64749	49.367	ug/l	92
13) Acrolein	2.233	56	73119	250.181	ug/l	99
14) Allyl chloride	2.666	41	127996	49.583	ug/l	97
15) Acrylonitrile	3.062	53	245309	249.913	ug/l	99
16) Acetone	2.380	43	257426	250.745	ug/l	93
17) Carbon Disulfide	2.514	76	182441	48.395	ug/l	99
18) Methyl Acetate	2.703	43	106229	49.458	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	226953	48.740	ug/l	98
20) Methylene Chloride	2.788	84	74061	47.692	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	67118	48.627	ug/l	96
22) Diisopropyl ether	3.757	45	239258	48.567	ug/l	99
23) Vinyl Acetate	3.721	43	1162812	253.928	ug/l	99
24) 1,1-Dichloroethane	3.611	63	134368	49.579	ug/l	99
25) 2-Butanone	4.550	43	369198	250.244	ug/l	99
26) 2,2-Dichloropropane	4.471	77	107173	49.271	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	79046	49.932	ug/l	98
28) Bromochloromethane	4.897	49	61097	49.733	ug/l	96
29) Tetrahydrofuran	5.001	42	236638	249.196	ug/l	100
30) Chloroform	5.093	83	130601	48.815	ug/l	98
31) Cyclohexane	5.470	56	118455	49.168	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	114527	50.001	ug/l	99
36) 1,1-Dichloropropene	5.690	75	97754	48.095	ug/l	99
37) Ethyl Acetate	4.708	43	130160	48.003	ug/l	100
38) Carbon Tetrachloride	5.678	117	94261	50.635	ug/l	94
39) Methylcyclohexane	7.379	83	120902	49.536	ug/l	98
40) Benzene	6.037	78	284423	49.419	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	70536	53.196	ug/l	97
42) 1,2-Dichloroethane	6.080	62	109450	50.021	ug/l	100
43) Isopropyl Acetate	6.336	43	204565	51.428	ug/l	98
44) Trichloroethene	7.123	130	70494	49.978	ug/l	97
45) 1,2-Dichloropropane	7.427	63	75499	48.901	ug/l	98
46) Dibromomethane	7.580	93	53405	50.081	ug/l	97
47) Bromodichloromethane	7.818	83	100278	50.774	ug/l	97
48) Methyl methacrylate	7.690	41	99244	50.760	ug/l	95
49) 1,4-Dioxane	7.659	88	38868	1027.391	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	695145	253.751	ug/l	98
52) Toluene	8.714	92	174481	50.756	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	109911	52.446	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	119874	52.020	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	72663	49.647	ug/l	95
56) Ethyl methacrylate	9.116	69	122084	51.539	ug/l	97
57) 1,3-Dichloropropane	9.305	76	123470	49.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	289883	258.902	ug/l	94
59) 2-Hexanone	9.427	43	565515	260.830	ug/l	99
60) Dibromochloromethane	9.519	129	71378	51.714	ug/l	99
61) 1,2-Dibromoethane	9.610	107	77228	50.954	ug/l	100
64) Tetrachloroethene	9.275	164	54269	47.138	ug/l	96
65) Chlorobenzene	10.079	112	181379	49.190	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	65297	52.006	ug/l	98
67) Ethyl Benzene	10.195	91	345108	50.412	ug/l	99
68) m/p-Xylenes	10.299	106	252749	100.391	ug/l	95
69) o-Xylene	10.640	106	123630	49.585	ug/l	93
70) Styrene	10.652	104	205394	50.430	ug/l	98
71) Bromoform	10.799	173	50505	53.570	ug/l #	100
73) Isopropylbenzene	10.963	105	331618	49.287	ug/l	100
74) N-amyl acetate	10.841	43	182996	52.178	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	126112	49.085	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106797m	48.744	ug/l	
77) Bromobenzene	11.195	156	72184	48.184	ug/l	93
78) n-propylbenzene	11.305	91	408769	50.196	ug/l	98
79) 2-Chlorotoluene	11.366	91	239954	47.675	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	283215	49.561	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	37369	50.834	ug/l	96
82) 4-Chlorotoluene	11.451	91	277329	48.577	ug/l	99
83) tert-Butylbenzene	11.713	119	270202	49.527	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	285025	49.995	ug/l	100
85) sec-Butylbenzene	11.890	105	354146	50.006	ug/l	98
86) p-Isopropyltoluene	12.006	119	288357	50.945	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	139080	48.432	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	141863	47.831	ug/l	98
89) n-Butylbenzene	12.329	91	280280	51.269	ug/l	96
90) Hexachloroethane	12.536	117	49810	52.164	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	135346	47.674	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32234	51.200	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	84342	48.614	ug/l	99
94) Hexachlorobutadiene	13.725	225	35972	49.877	ug/l	98
95) Naphthalene	13.774	128	315619	49.416	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84740	48.395	ug/l	99

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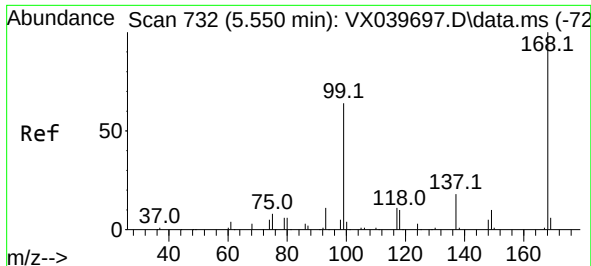
Manual Integrations
APPROVED

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

Quant Time: Jan 11 03:32:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:21:23 2024
Response via : Initial Calibration

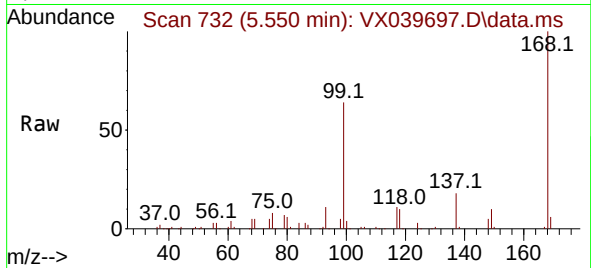
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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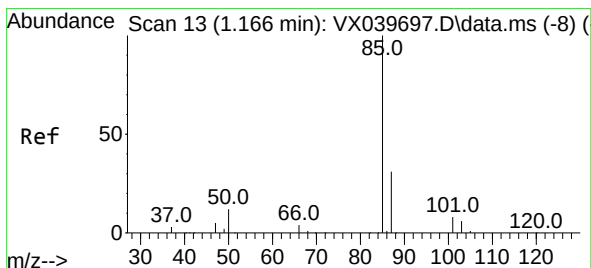
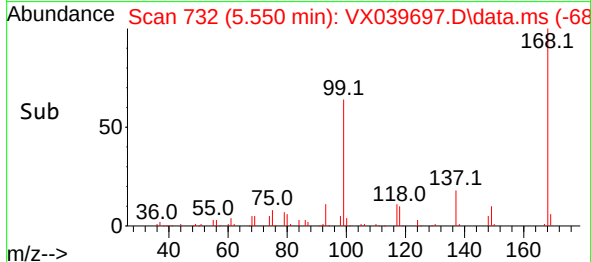
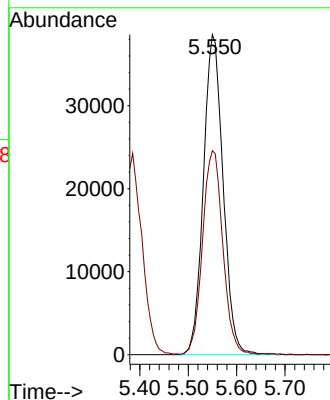
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 108975
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0

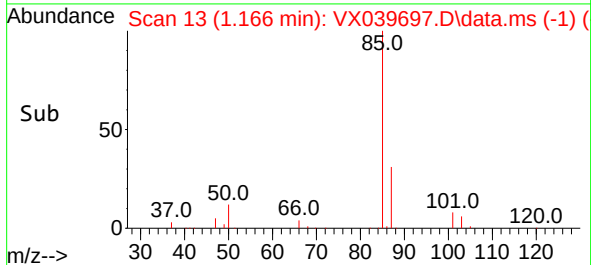
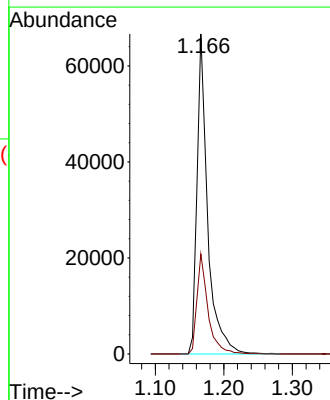
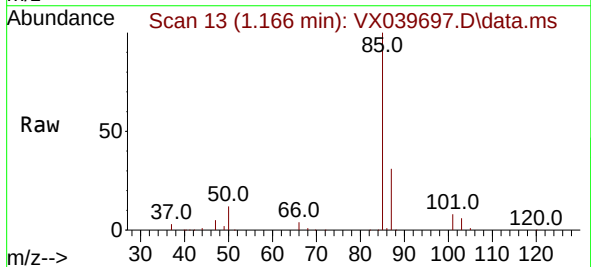
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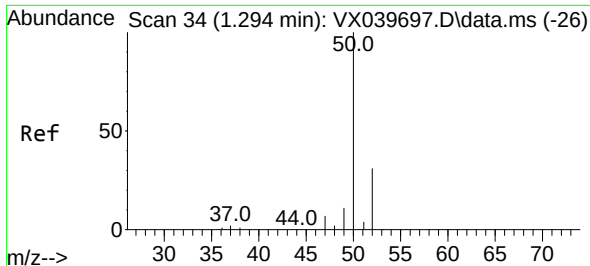
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#2
Dichlorodifluoromethane
Concen: 51.097 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 85 Resp: 72044
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.1





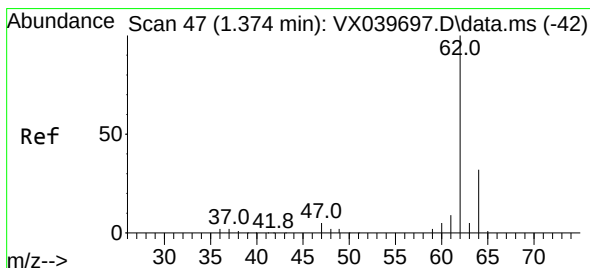
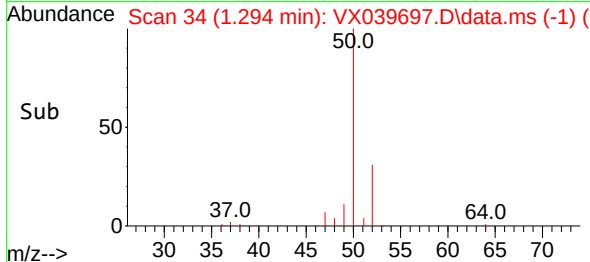
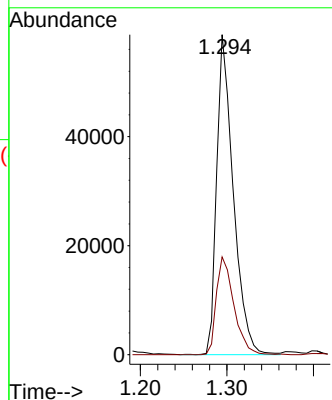
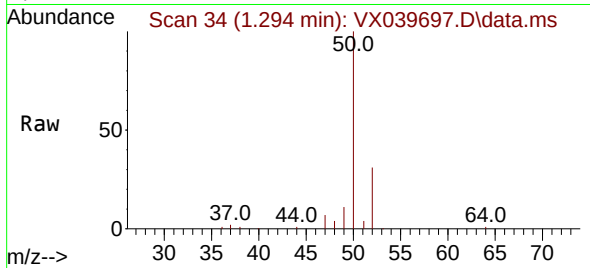
#3
Chloromethane
Concen: 48.672 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
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Tgt Ion: 50 Resp: 7837
Ion Ratio Lower Upper
50 100
52 30.5 25.5 38.3

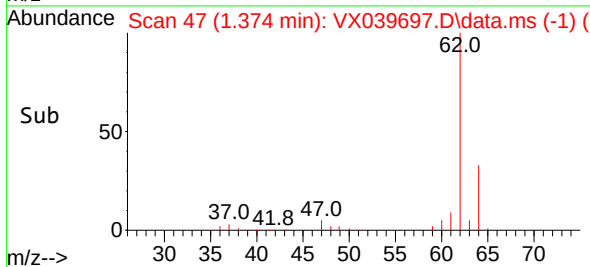
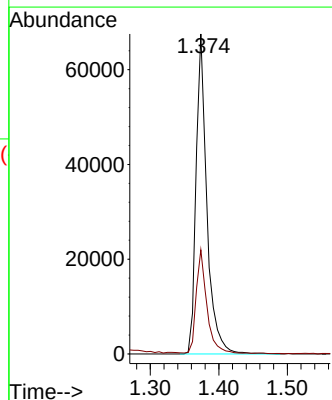
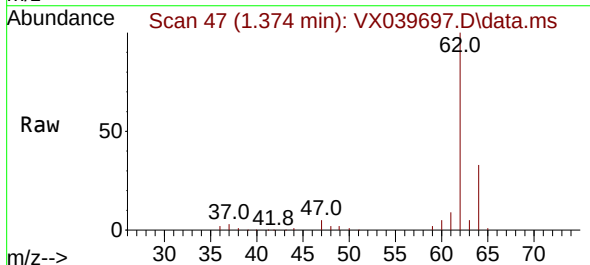
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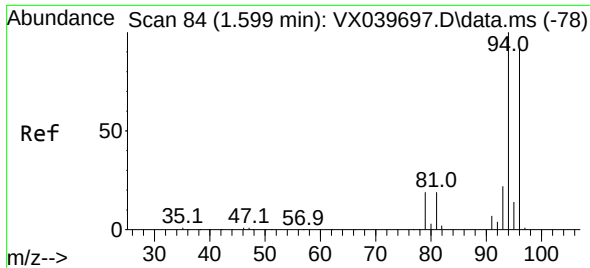
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#4
Vinyl Chloride
Concen: 48.940 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

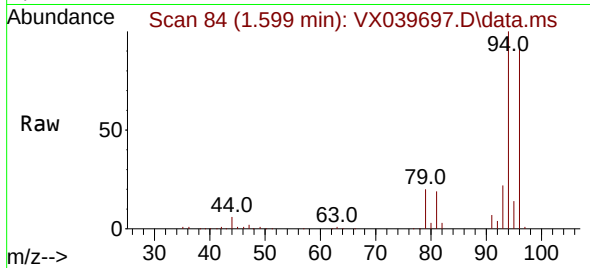
Tgt Ion: 62 Resp: 74371
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 48.788 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

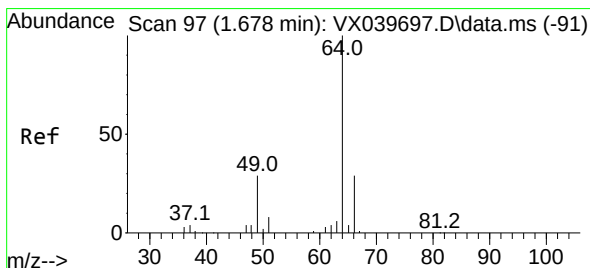
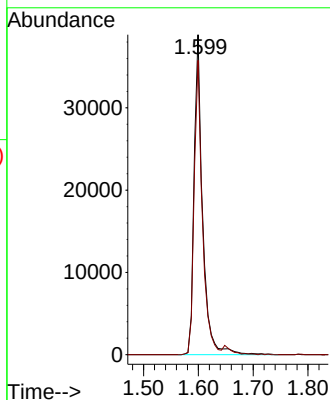
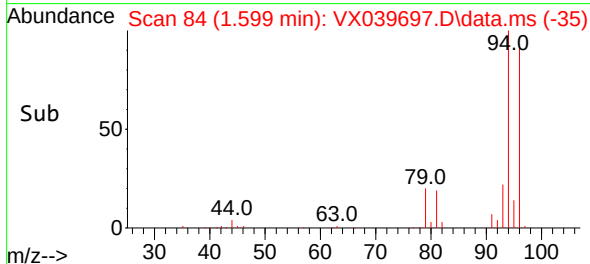
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 4230
Ion Ratio Lower Upper
94 100
96 92.0 74.6 111.8

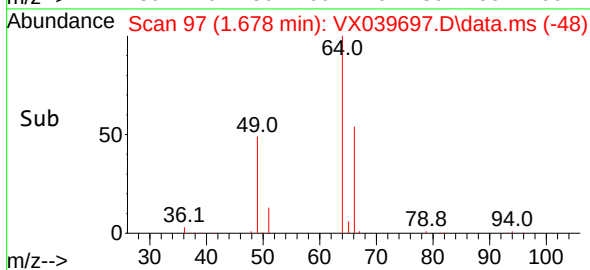
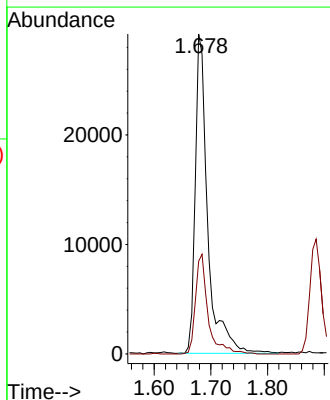
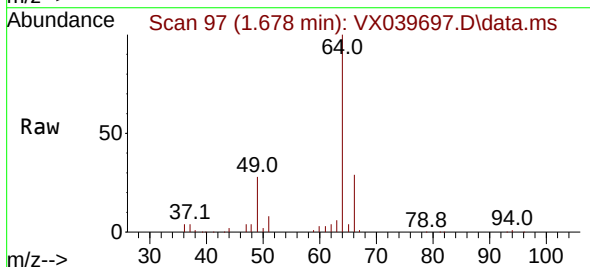
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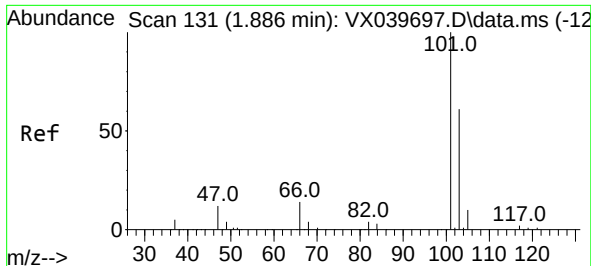
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#6
Chloroethane
Concen: 51.768 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 64 Resp: 44632
Ion Ratio Lower Upper
64 100
66 29.1 25.1 37.7





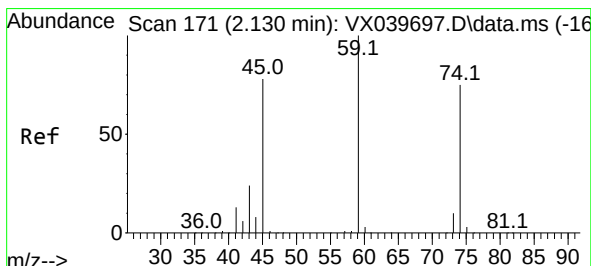
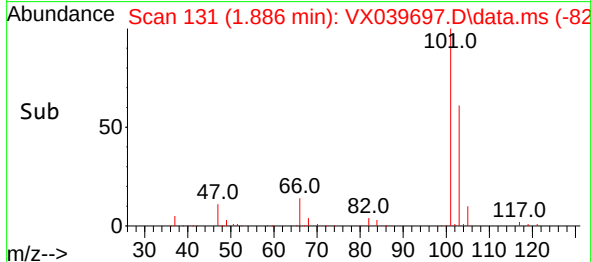
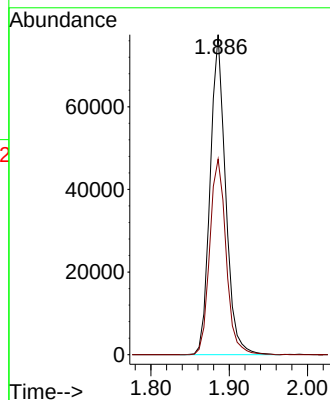
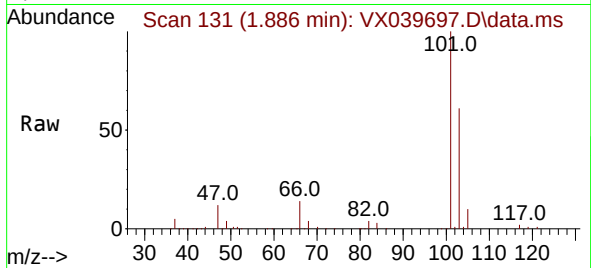
#7
Trichlorofluoromethane
Concen: 48.320 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 105924
Ion Ratio Lower Upper
101 100
103 61.1 51.4 77.2

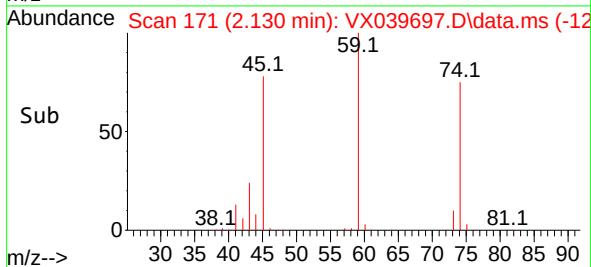
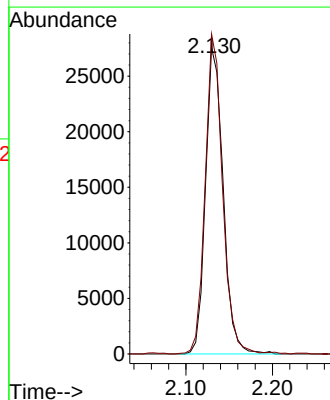
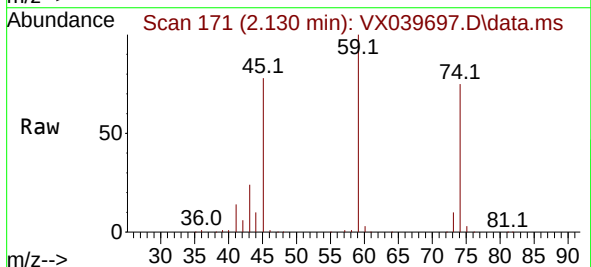
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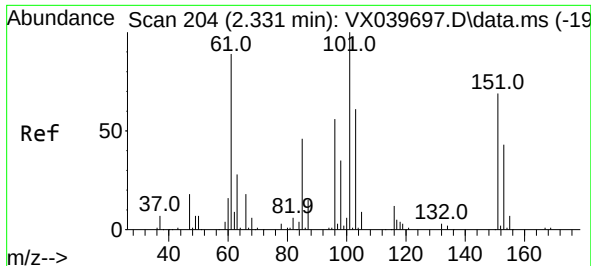
Reviewed By :John Carlone 01/11/2024
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#8
Diethyl Ether
Concen: 48.135 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 74 Resp: 38995
Ion Ratio Lower Upper
74 100
45 103.0 53.3 159.8





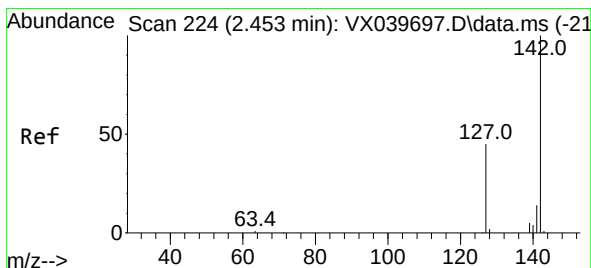
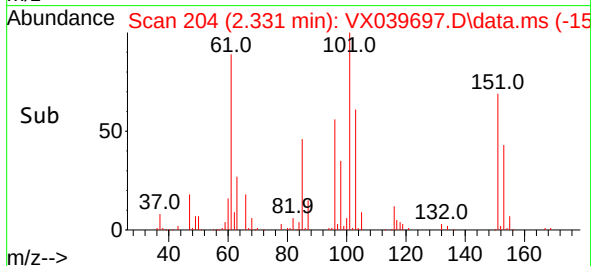
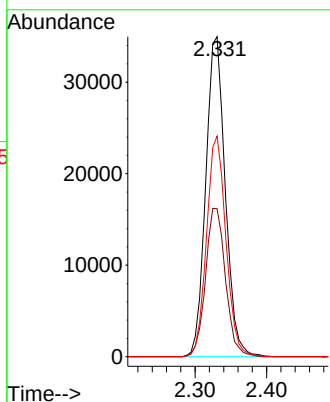
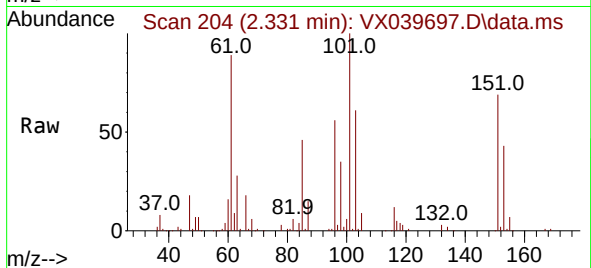
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.788 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 6630
Ion Ratio Lower Upper
101 100
85 47.4 37.0 55.6
151 68.6 58.6 87.8

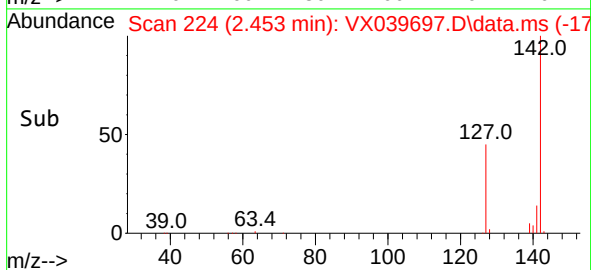
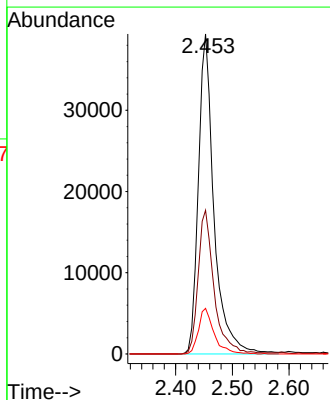
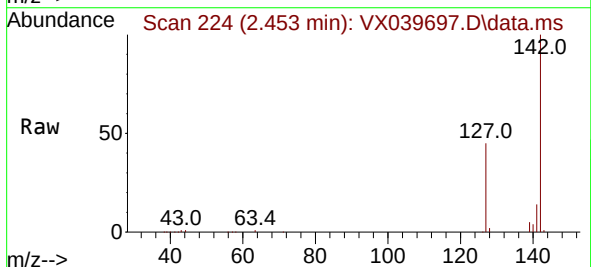
Manual Integrations
APPROVED

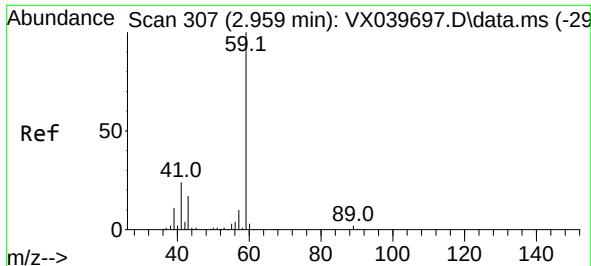
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#10
Methyl Iodide
Concen: 52.563 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

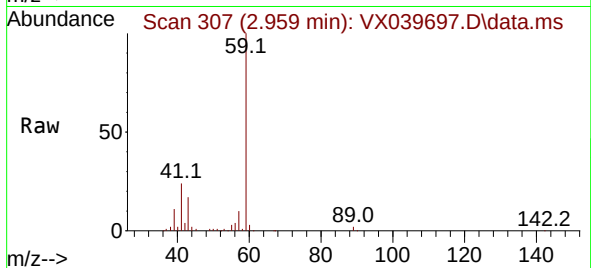
Tgt Ion:142 Resp: 75361
Ion Ratio Lower Upper
142 100
127 46.1 41.6 62.4
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 246.580 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

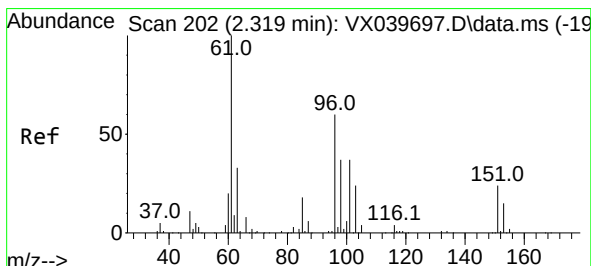
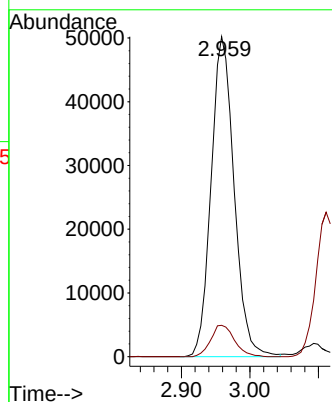
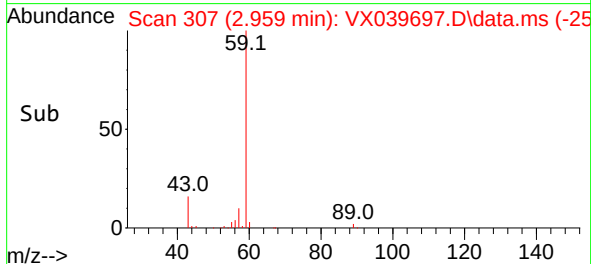
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 117173
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

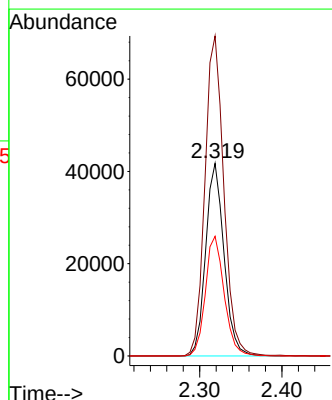
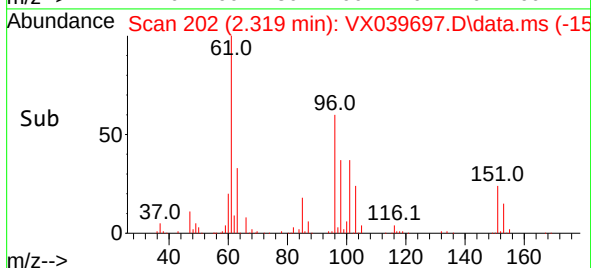
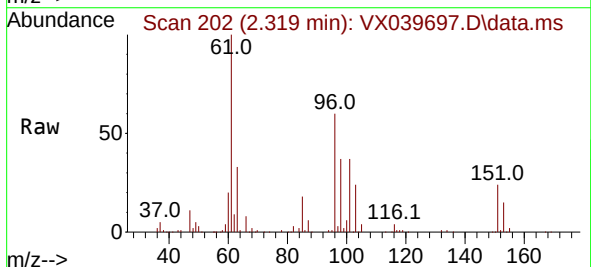
Manual Integrations
APPROVED

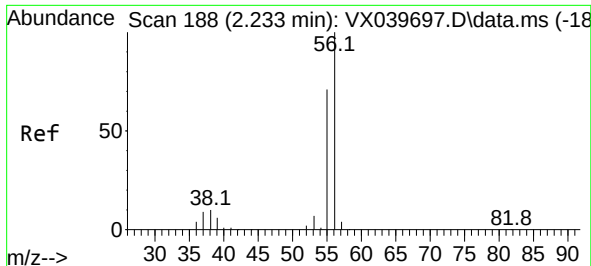
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#12
1,1-Dichloroethene
Concen: 49.367 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 96 Resp: 64749
Ion Ratio Lower Upper
96 100
61 166.1 144.6 216.8
98 62.1 50.4 75.6





#13

Acrolein

Concen: 250.181 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 73119

Ion Ratio Lower Upper

56 100

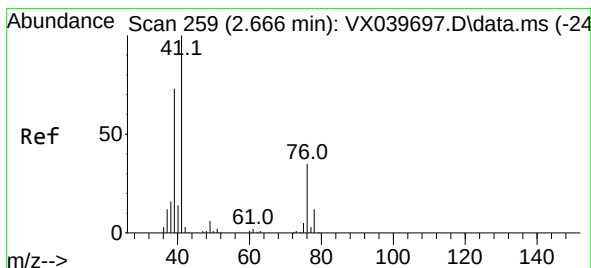
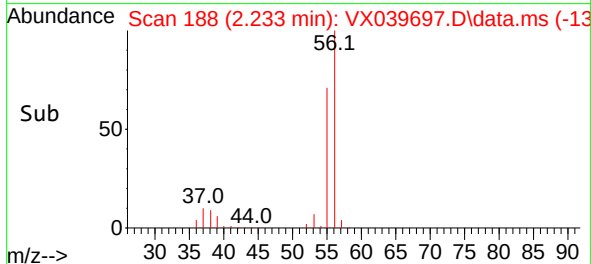
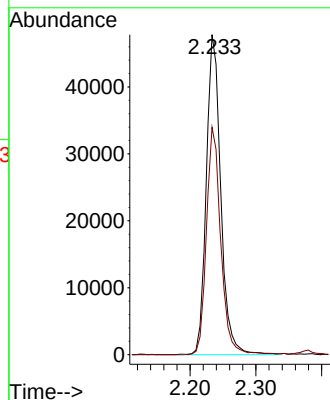
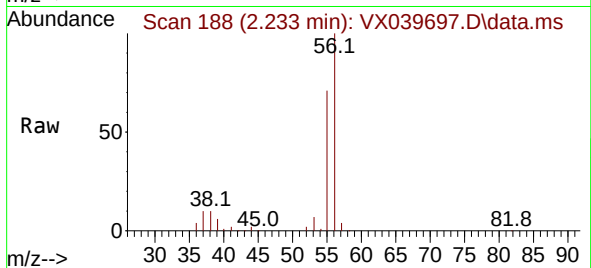
55 70.7 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#14

Allyl chloride

Concen: 49.583 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

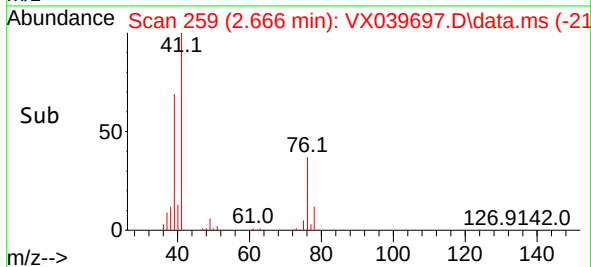
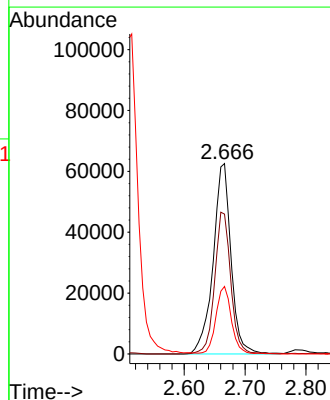
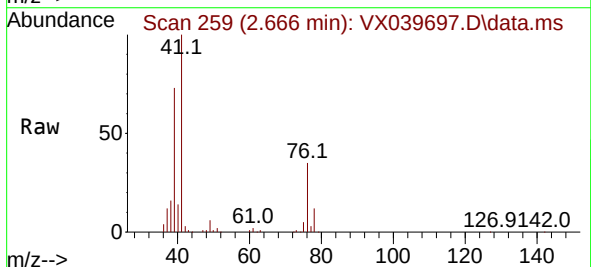
Tgt Ion: 41 Resp: 127996

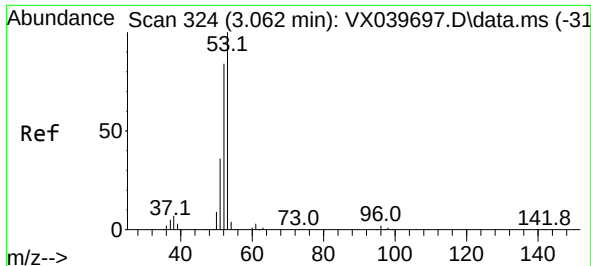
Ion Ratio Lower Upper

41 100

39 66.8 55.8 83.6

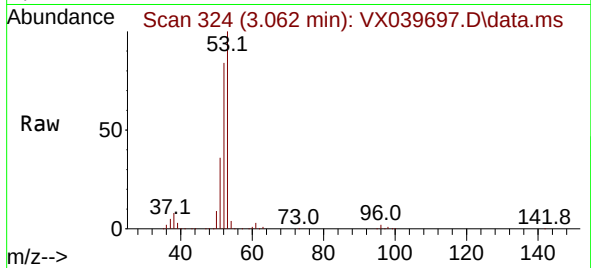
76 30.6 24.3 36.5





#15
Acrylonitrile
Concen: 249.913 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

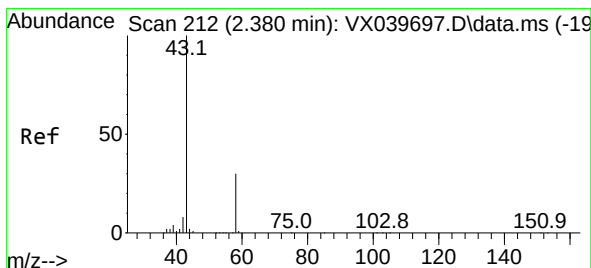
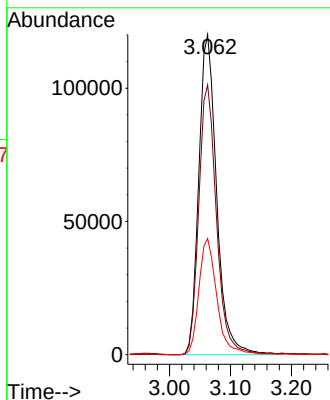
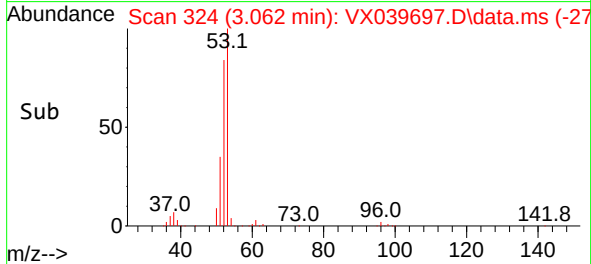
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 245309
Ion Ratio Lower Upper
53 100
52 83.7 66.0 99.0
51 36.6 29.8 44.6

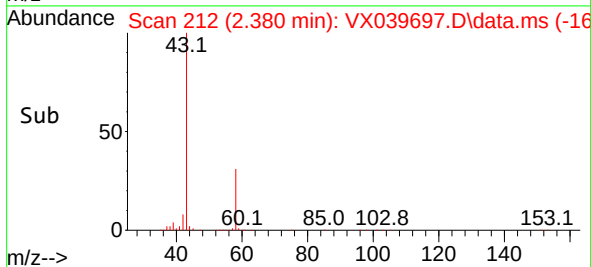
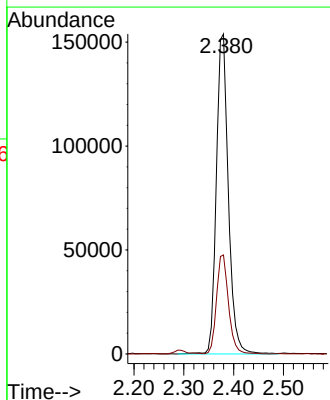
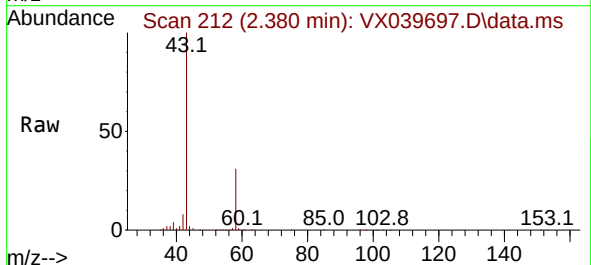
Manual Integrations
APPROVED

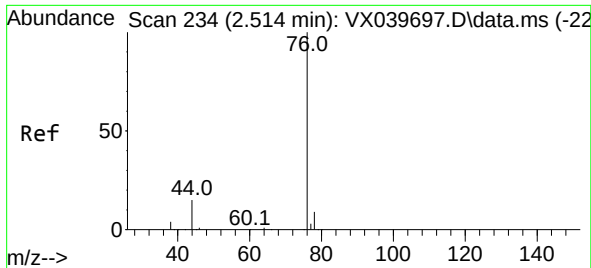
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#16
Acetone
Concen: 250.745 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 43 Resp: 257426
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





#17

Carbon Disulfide

Concen: 48.395 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 18244

Ion Ratio Lower Upper

76 100

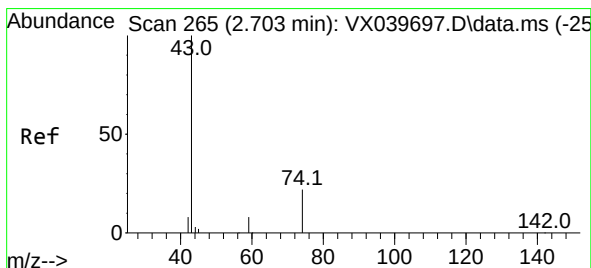
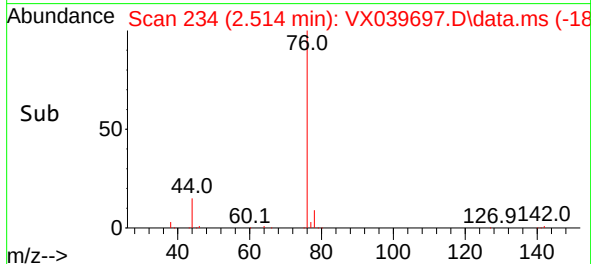
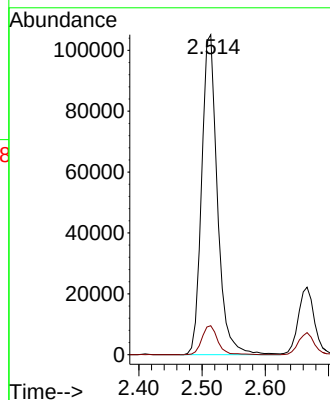
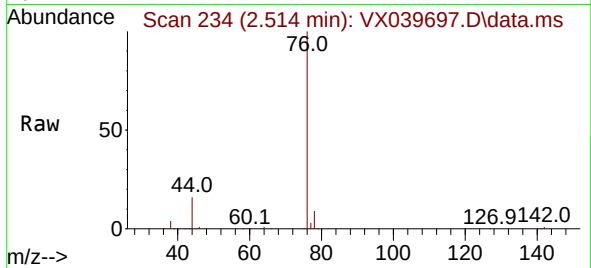
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#18

Methyl Acetate

Concen: 49.458 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX039697.D

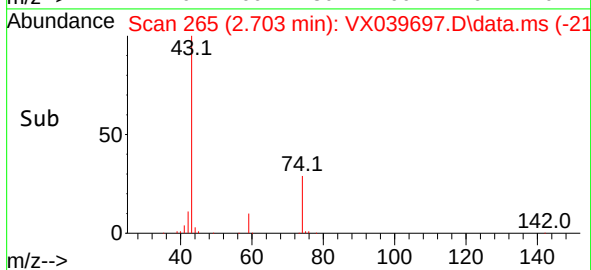
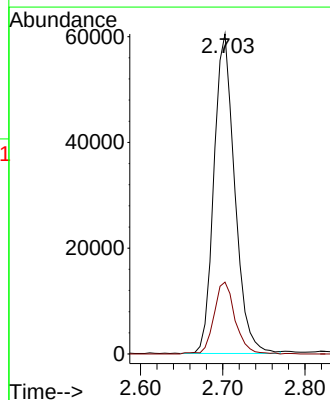
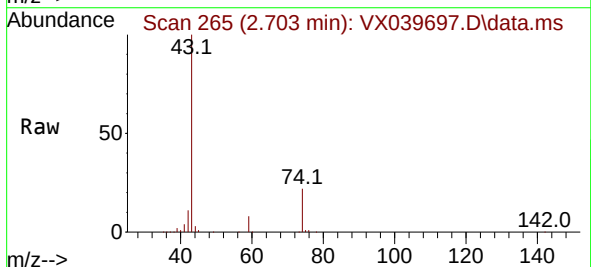
Acq: 10 Jan 2024 11:58

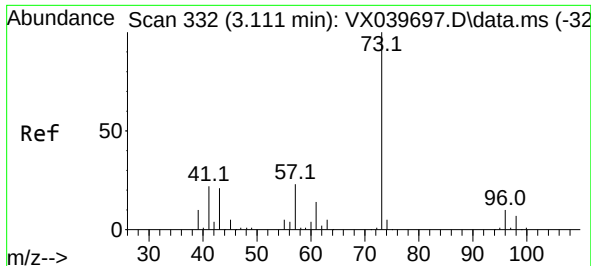
Tgt Ion: 43 Resp: 106229

Ion Ratio Lower Upper

43 100

74 22.8 17.8 26.8





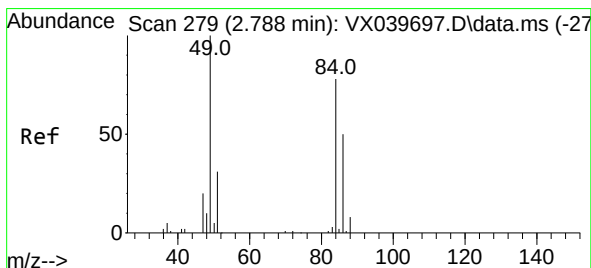
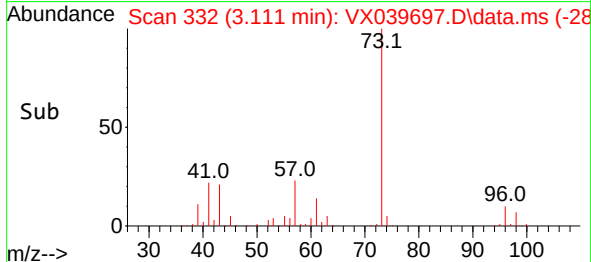
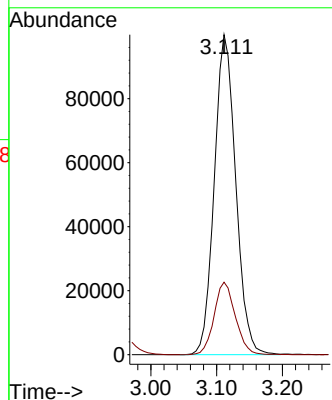
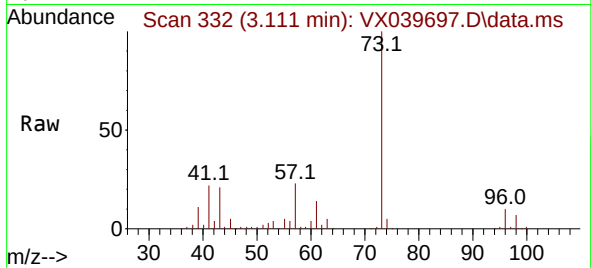
#19
Methyl tert-butyl Ether
Concen: 48.740 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 22695
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

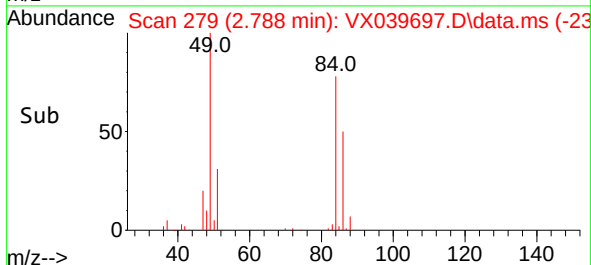
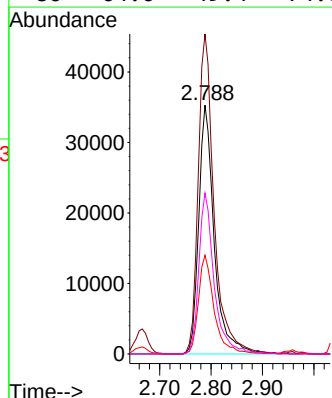
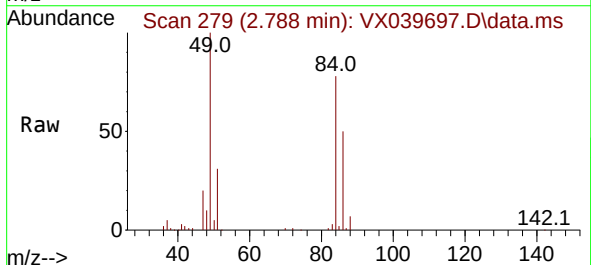
Manual Integrations
APPROVED

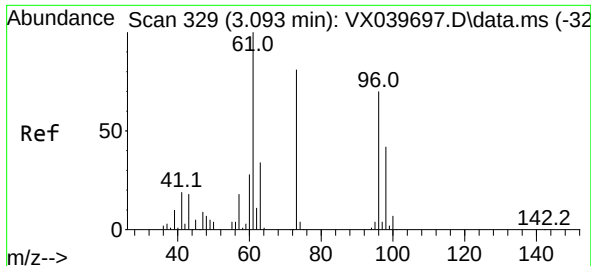
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#20
Methylene Chloride
Concen: 47.692 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

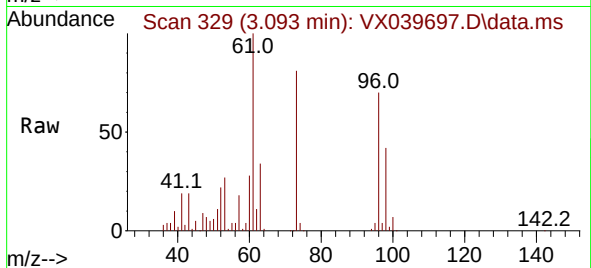
Tgt Ion: 84 Resp: 74061
Ion Ratio Lower Upper
84 100
49 128.6 103.6 155.4
51 39.7 33.8 50.6
86 64.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.627 ug/l
RT: 3.093 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

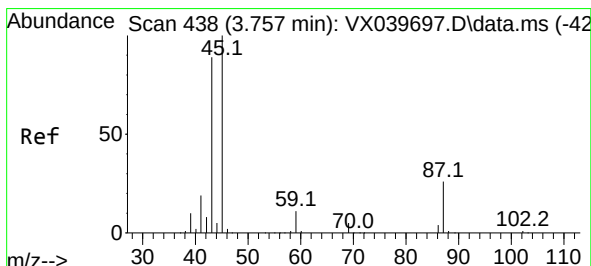
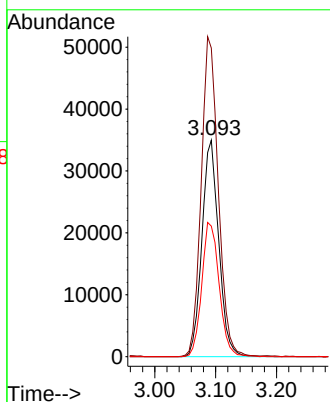
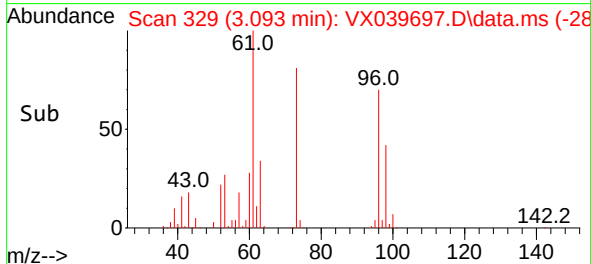
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



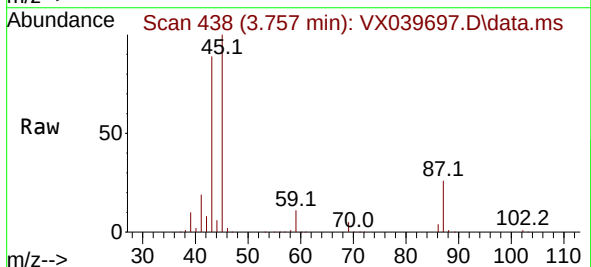
Tgt Ion: 96 Resp: 67118
Ion Ratio Lower Upper
96 100
61 142.5 119.2 178.8
98 60.3 48.7 73.1

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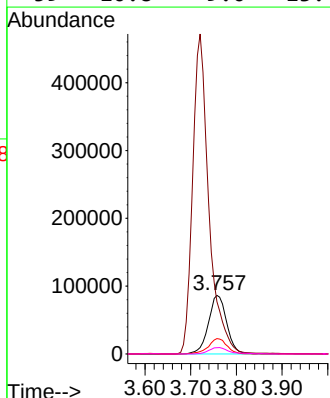
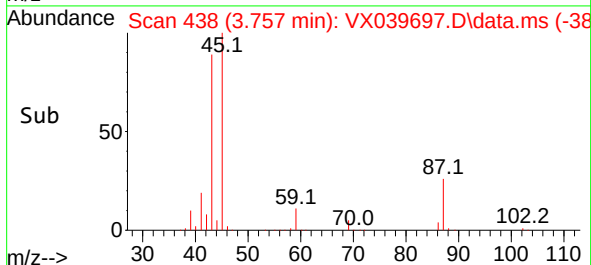
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

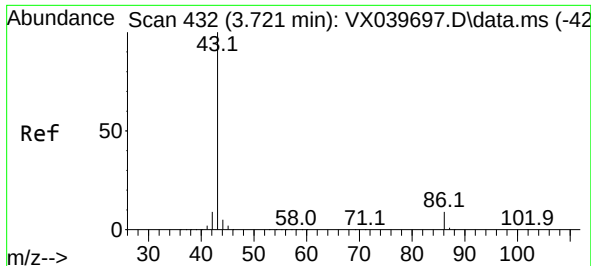


#22
Diisopropyl ether
Concen: 48.567 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58



Tgt Ion: 45 Resp: 239258
Ion Ratio Lower Upper
45 100
43 88.8 69.7 104.5
87 26.3 20.8 31.2
59 10.8 9.0 13.4





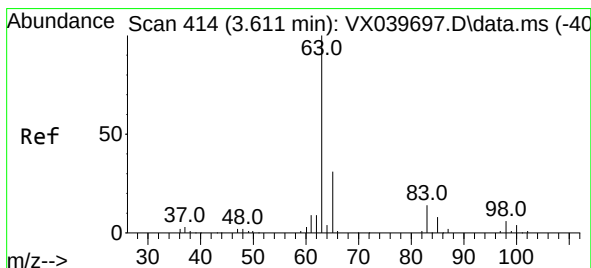
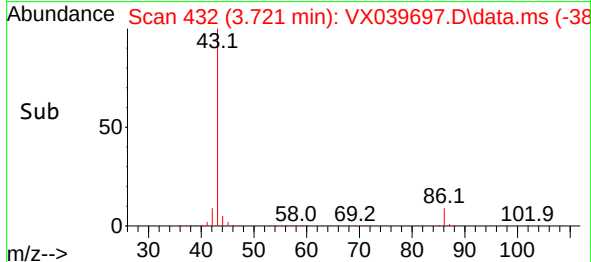
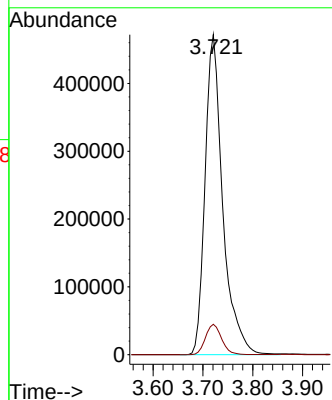
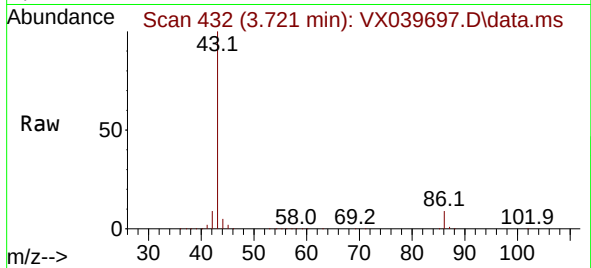
#23
 Vinyl Acetate
 Concen: 253.928 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039697.D
 Acq: 10 Jan 2024 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 116281
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

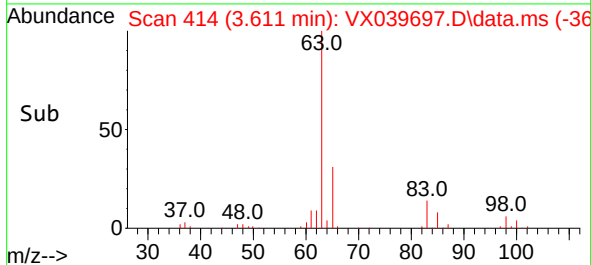
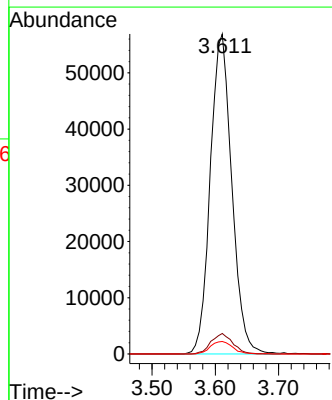
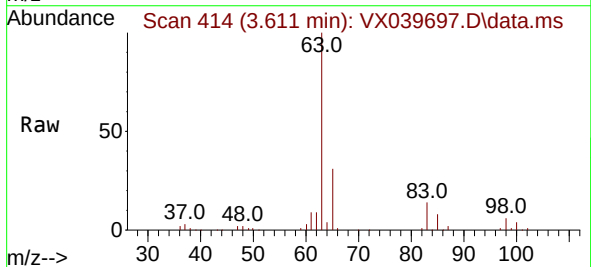
Manual Integrations
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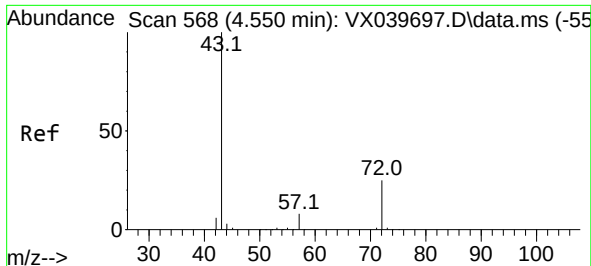
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024



#24
 1,1-Dichloroethane
 Concen: 49.579 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX039697.D
 Acq: 10 Jan 2024 11:58

Tgt Ion: 63 Resp: 134368
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 3.9 2.1 6.5





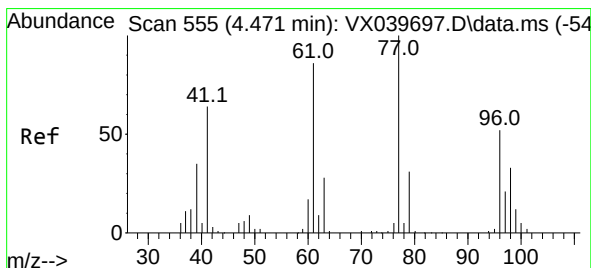
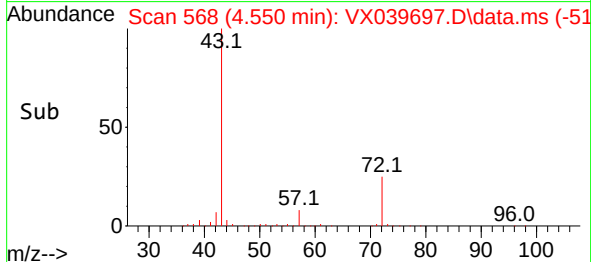
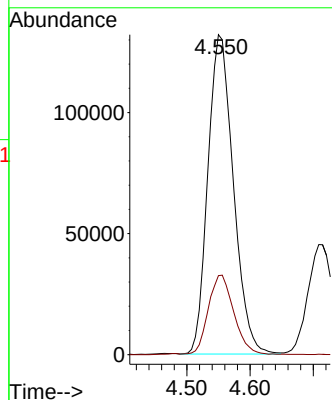
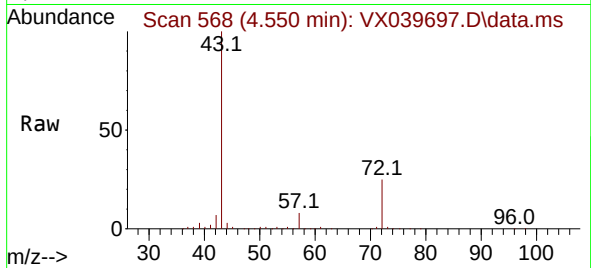
#25
2-Butanone
Concen: 250.244 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 369198
Ion Ratio Lower Upper
43 100
72 24.6 19.4 29.2

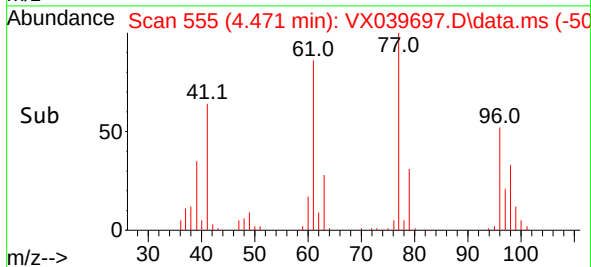
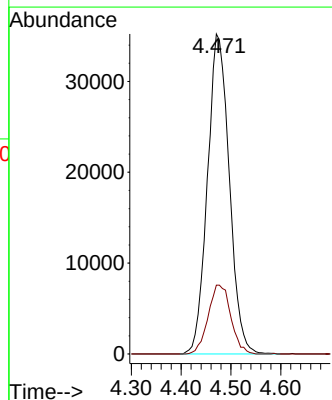
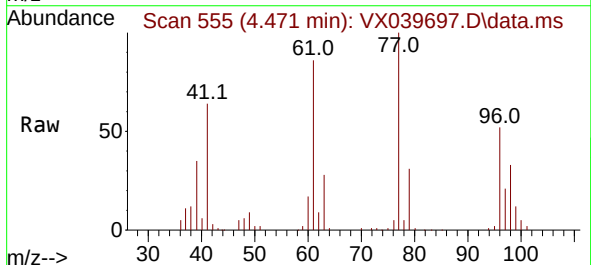
Manual Integrations
APPROVED

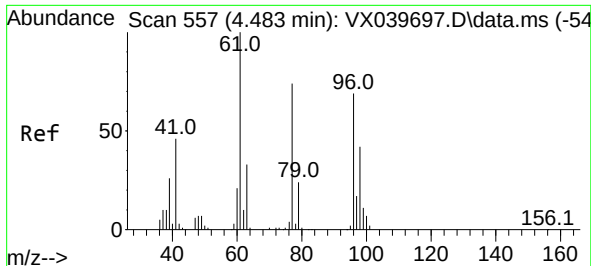
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#26
2,2-Dichloropropane
Concen: 49.271 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 77 Resp: 107173
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.932 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

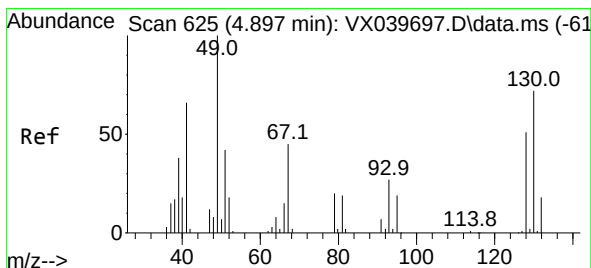
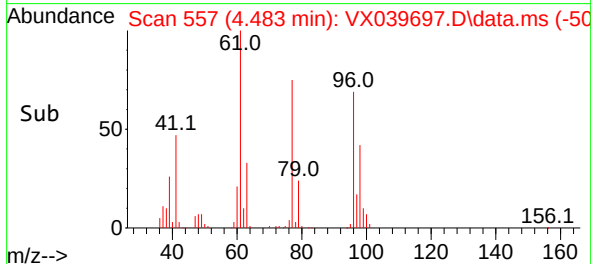
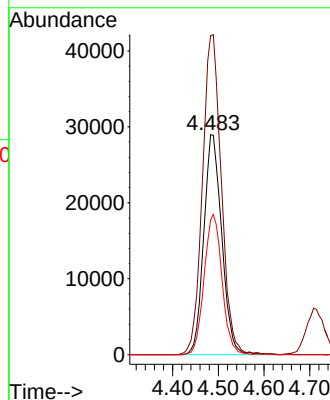
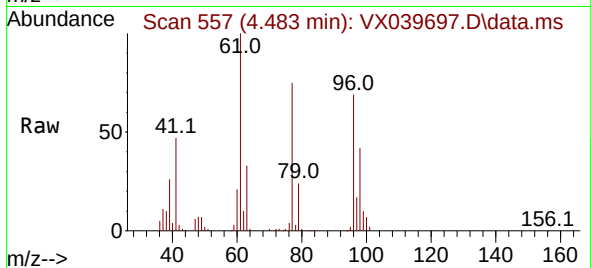
Tgt Ion: 96	Resp: 7904
Ion Ratio	Lower Upper
96 100	
61 152.9	0.0 312.2
98 63.4	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#28

Bromochloromethane

Concen: 49.733 ug/l

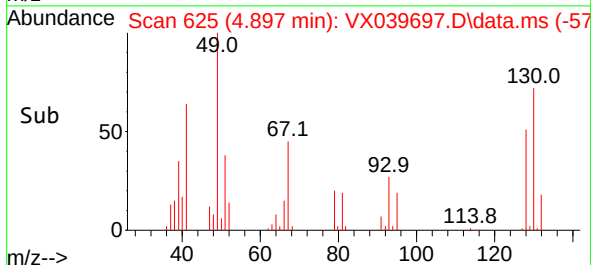
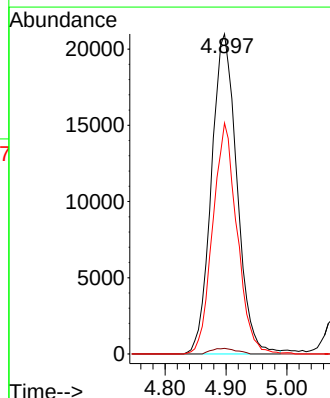
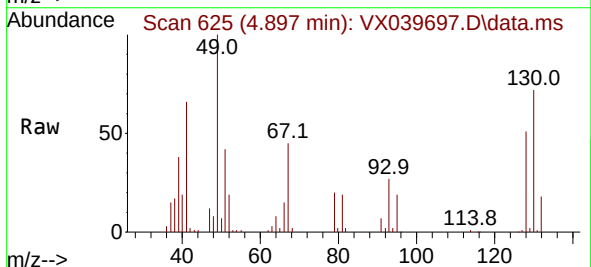
RT: 4.897 min Scan# 625

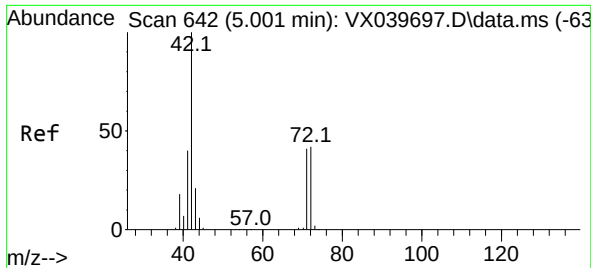
Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

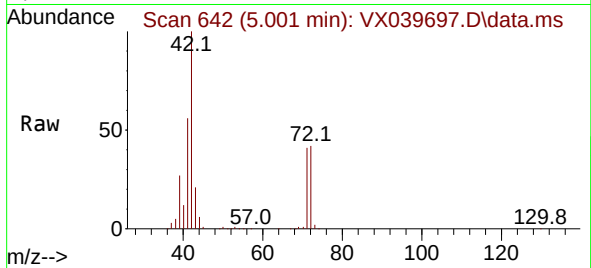
Tgt Ion: 49	Resp: 61097
Ion Ratio	Lower Upper
49 100	
129 1.7	0.0 3.8
130 68.8	57.5 86.3





#29
Tetrahydrofuran
Concen: 249.196 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

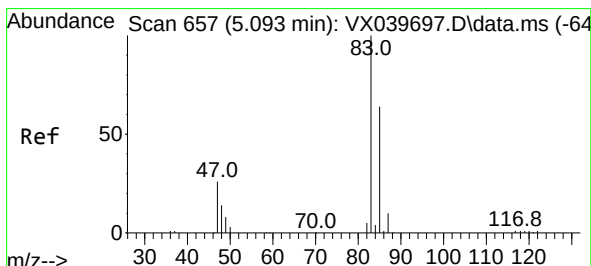
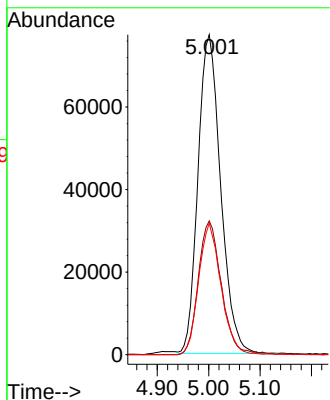
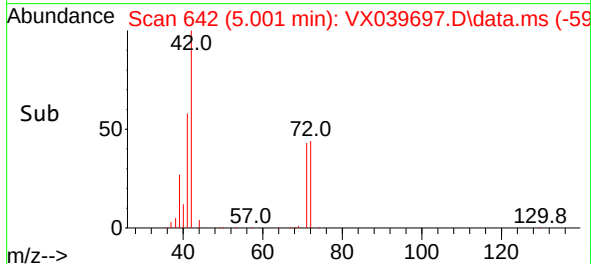
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 236638
Ion Ratio Lower Upper
42 100
72 42.9 34.2 51.4
71 40.4 32.2 48.2

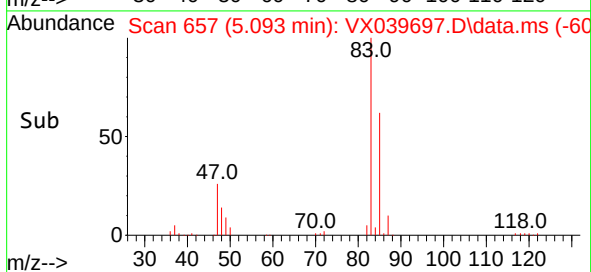
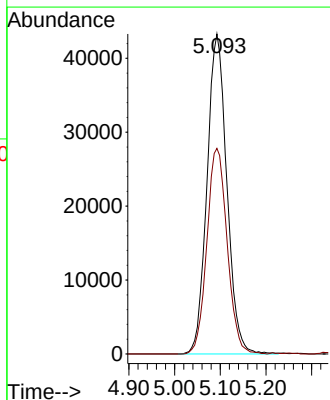
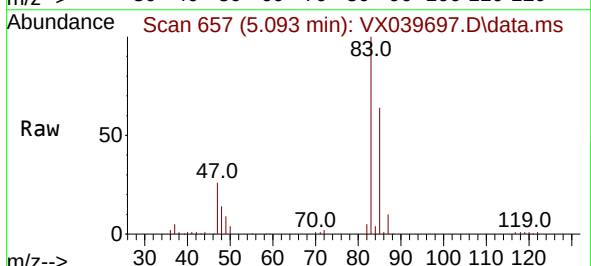
Manual Integrations
APPROVED

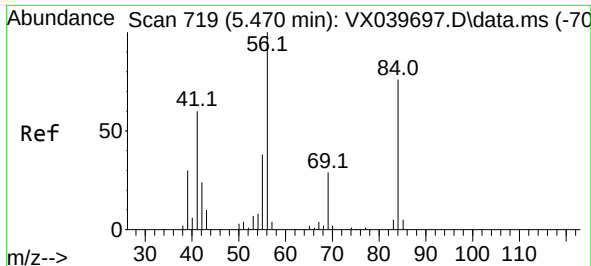
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#30
Chloroform
Concen: 48.815 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

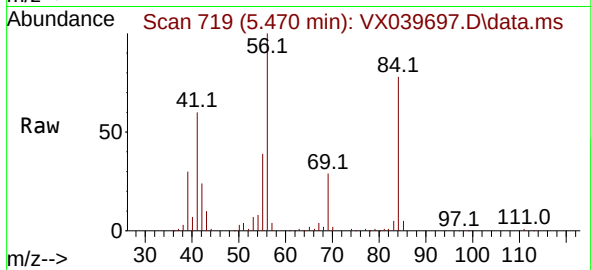
Tgt Ion: 83 Resp: 130601
Ion Ratio Lower Upper
83 100
85 64.3 50.3 75.5





#31
Cyclohexane
Concen: 49.168 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

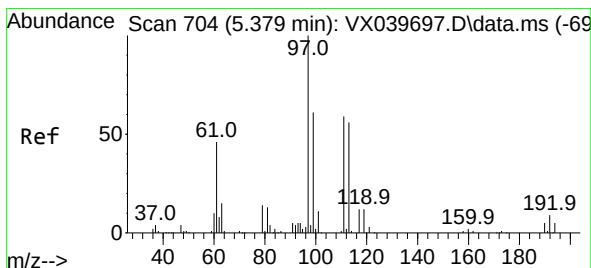
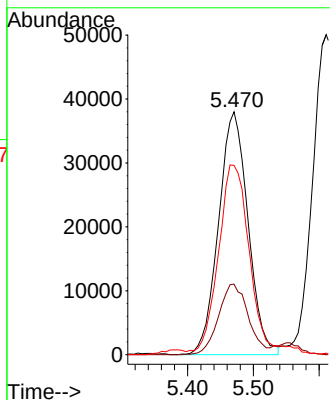
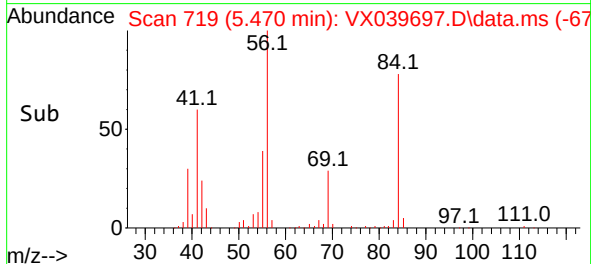
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



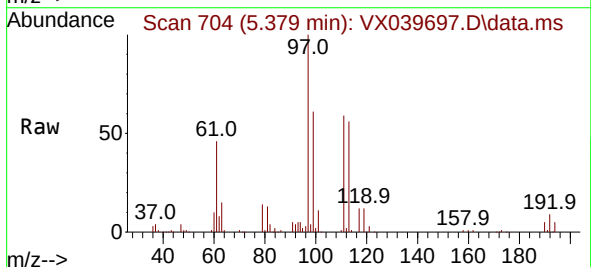
Tgt Ion: 56 Resp: 11845
Ion Ratio Lower Upper
56 100
69 29.0 23.4 35.2
84 75.9 65.9 98.9

Manual Integrations
APPROVED

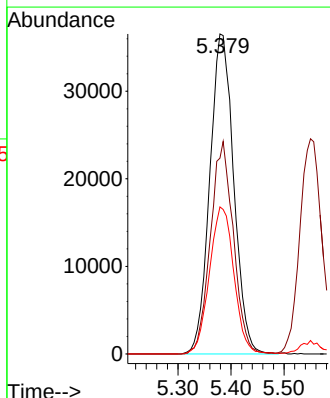
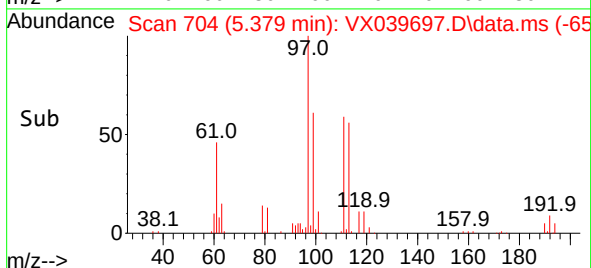
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

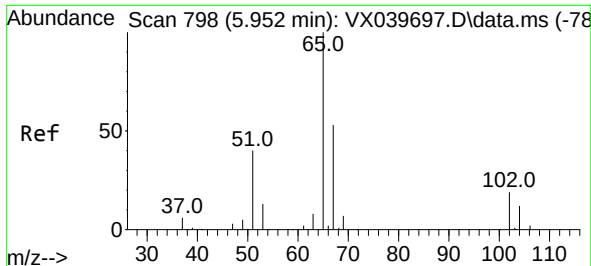


#32
1,1,1-Trichloroethane
Concen: 50.001 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58



Tgt Ion: 97 Resp: 114527
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 47.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.316 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 86379

Ion Ratio Lower Upper

65 100

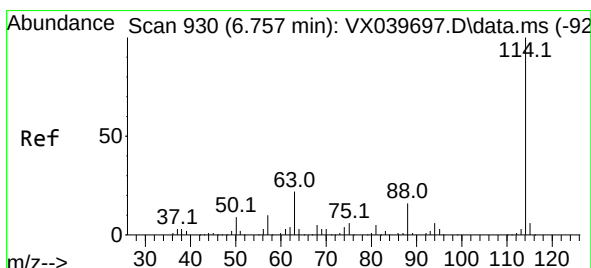
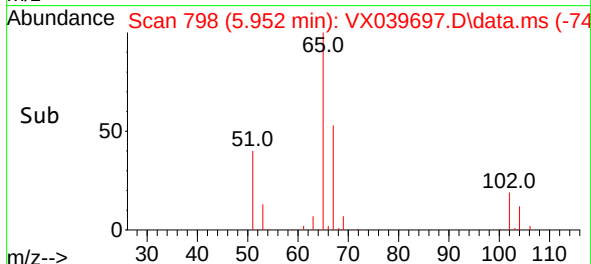
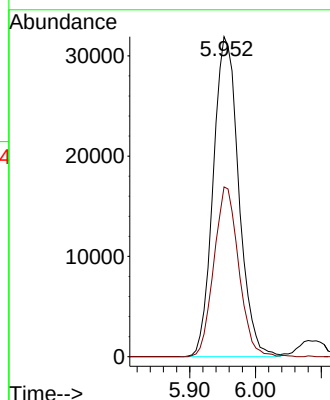
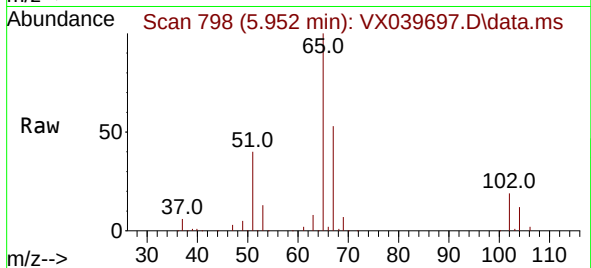
67 51.5 0.0 100.2

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: VX039697.D

Acq: 10 Jan 2024 11:58

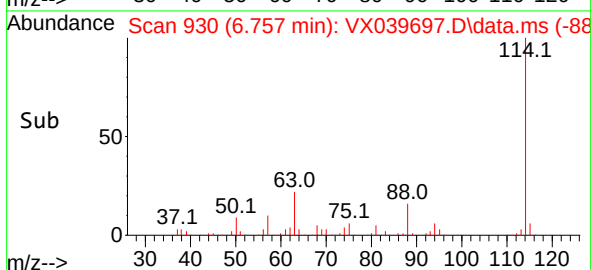
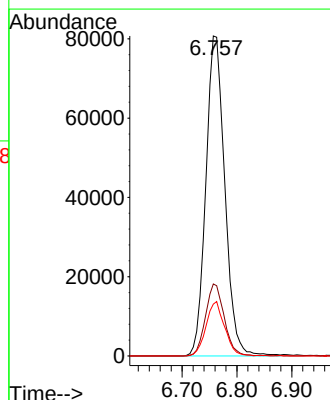
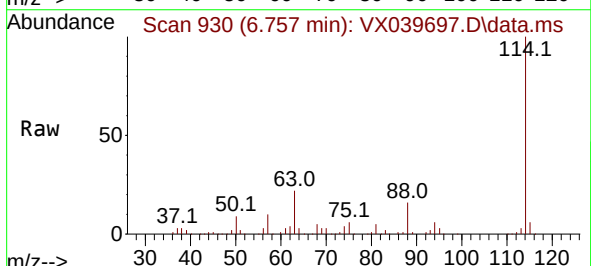
Tgt Ion:114 Resp: 193868

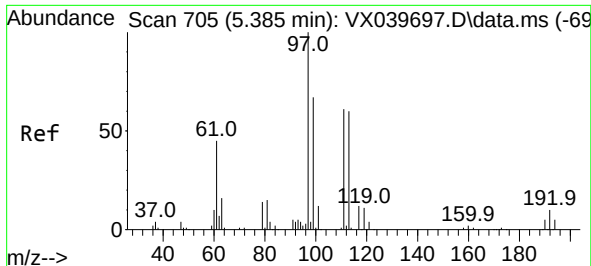
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

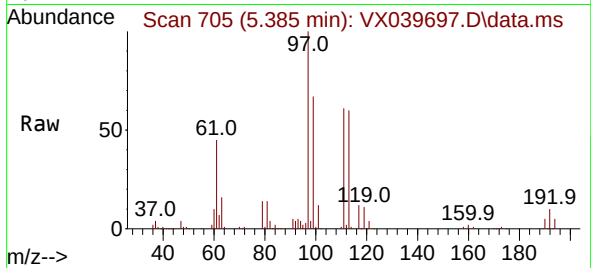
88 16.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.418 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

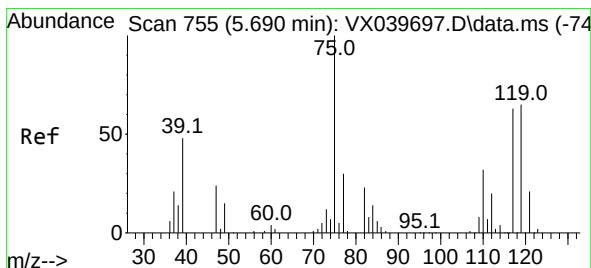
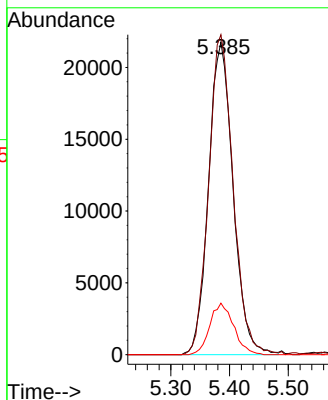
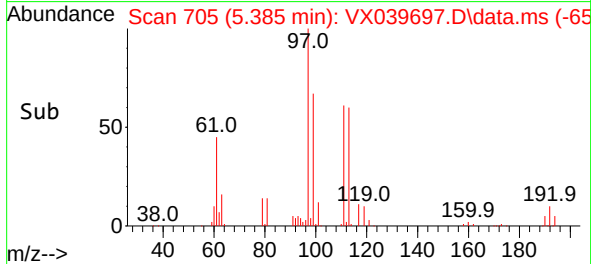
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



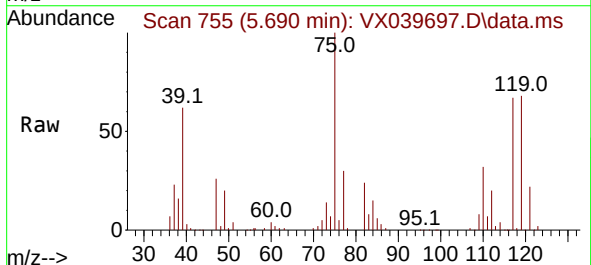
Tgt Ion: 113 Resp: 63224
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 16.0 13.3 19.9

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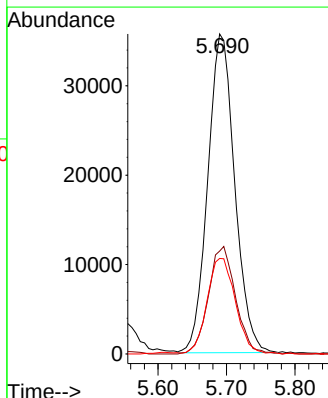
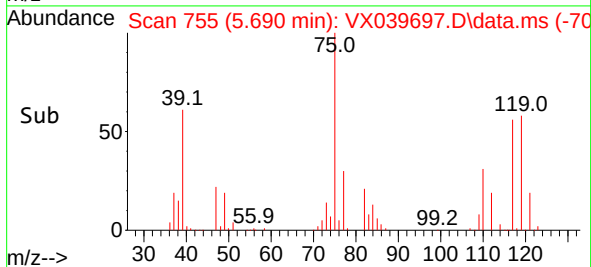
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

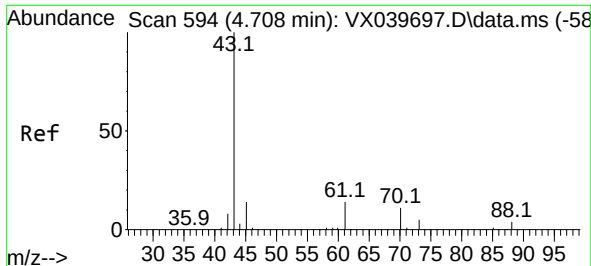


#36
1,1-Dichloropropene
Concen: 48.095 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58



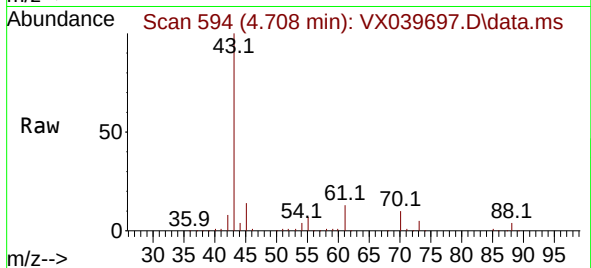
Tgt Ion: 75 Resp: 97754
Ion Ratio Lower Upper
75 100
110 34.0 17.0 50.9
77 31.5 24.7 37.1





#37
Ethyl Acetate
Concen: 48.003 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

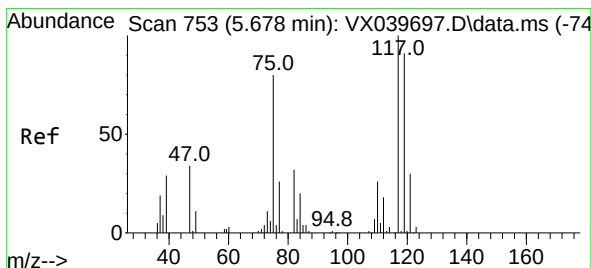
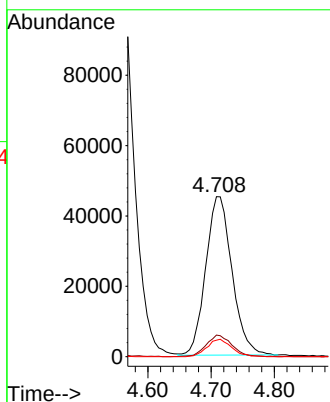
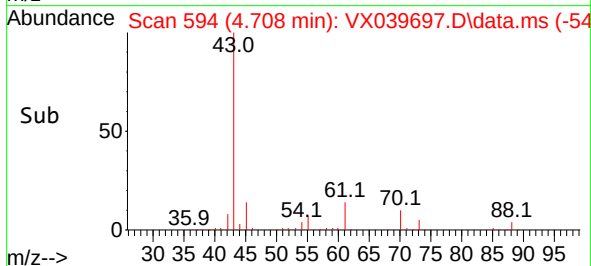
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 130160
Ion Ratio Lower Upper
43 100
61 13.4 10.6 16.0
70 10.3 8.3 12.5

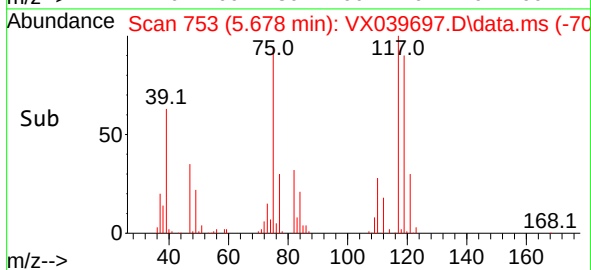
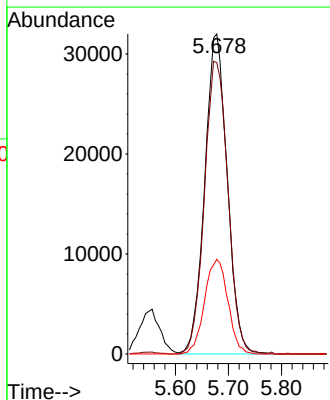
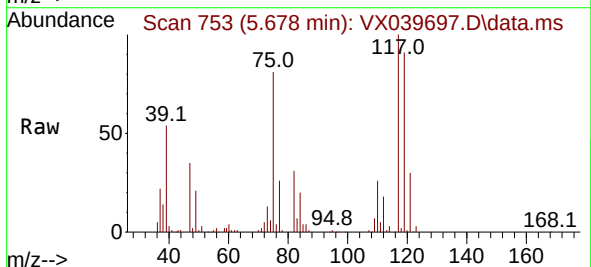
Manual Integrations
APPROVED

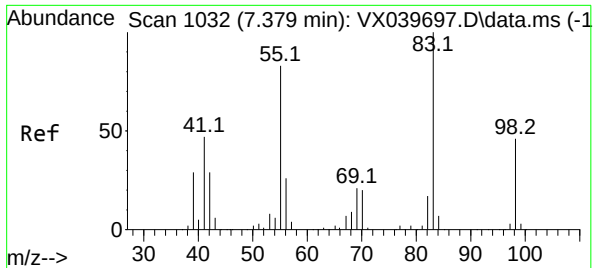
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#38
Carbon Tetrachloride
Concen: 50.635 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

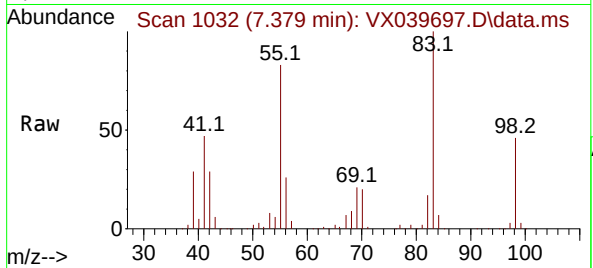
Tgt Ion:117 Resp: 94261
Ion Ratio Lower Upper
117 100
119 91.1 78.2 117.2
121 29.6 24.4 36.6





#39
Methylcyclohexane
Concen: 49.536 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

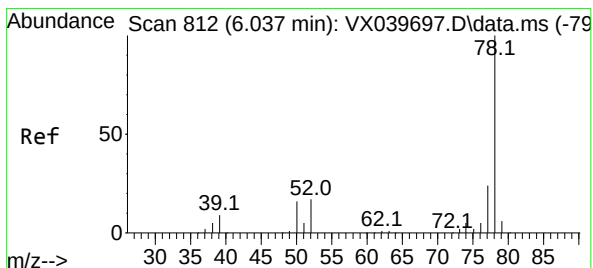
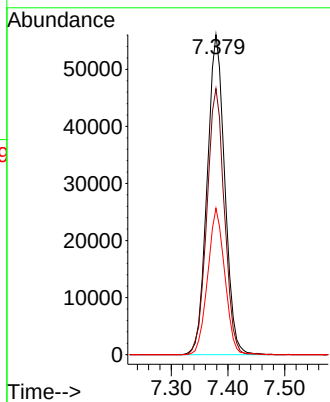
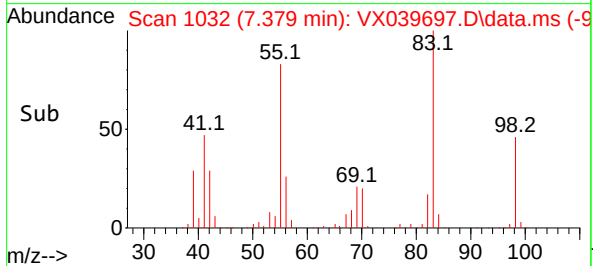
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



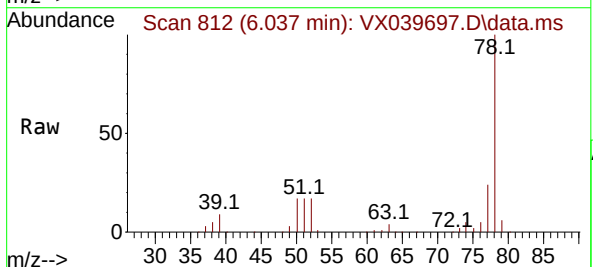
Tgt Ion: 83 Resp: 120902
Ion Ratio Lower Upper
83 100
55 83.1 64.6 97.0
98 45.7 36.7 55.1

Manual Integrations
APPROVED

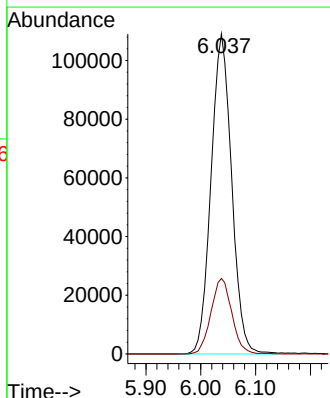
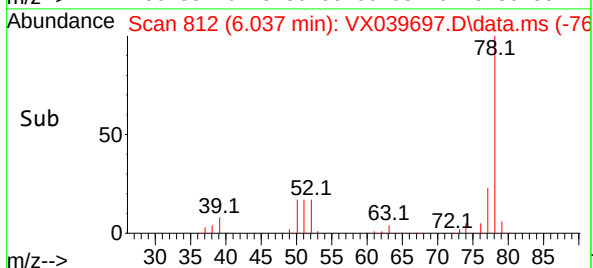
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

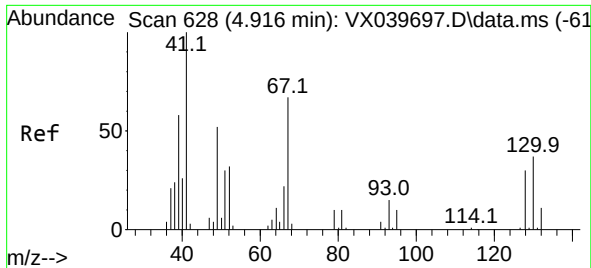


#40
Benzene
Concen: 49.419 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58



Tgt Ion: 78 Resp: 284423
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





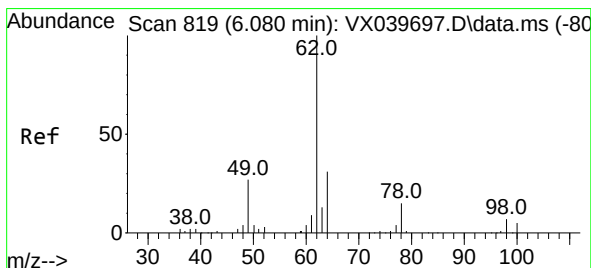
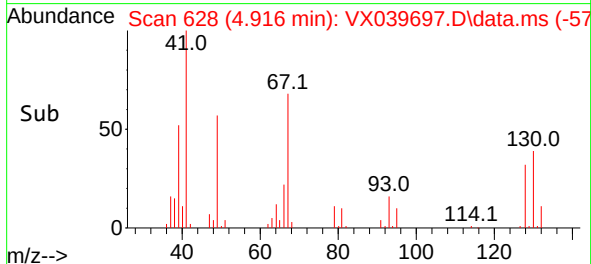
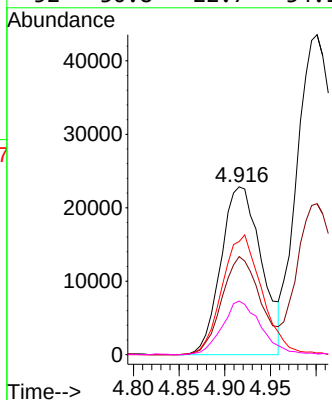
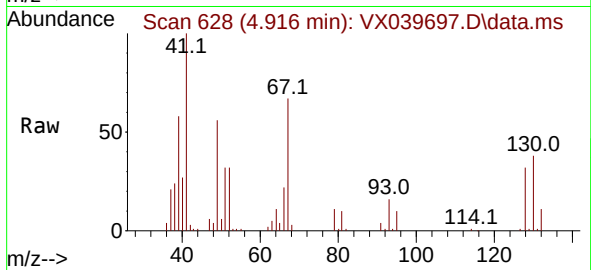
#41
Methacrylonitrile
Concen: 53.196 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 70530
Ion Ratio Lower Upper
41 100
39 56.3 45.2 67.8
67 69.9 52.6 78.8
52 30.8 22.7 34.1

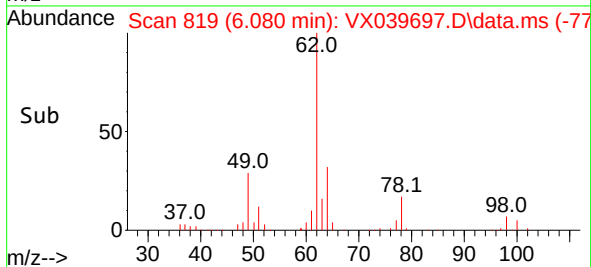
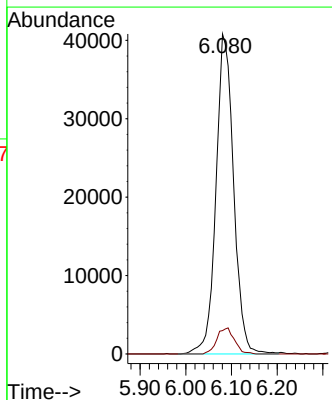
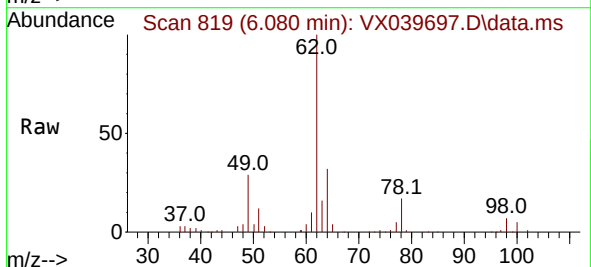
Manual Integrations
APPROVED

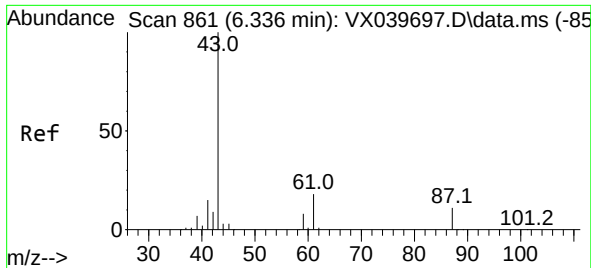
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#42
1,2-Dichloroethane
Concen: 50.021 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 62 Resp: 109450
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 51.428 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 20456

Ion Ratio Lower Upper

43 100

61 18.2 15.2 22.8

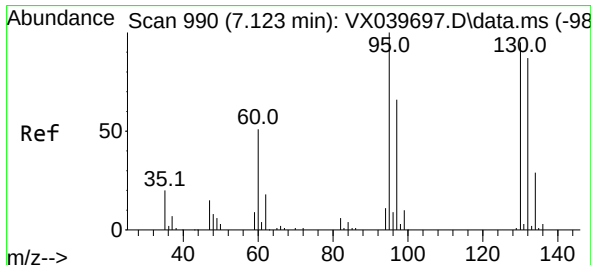
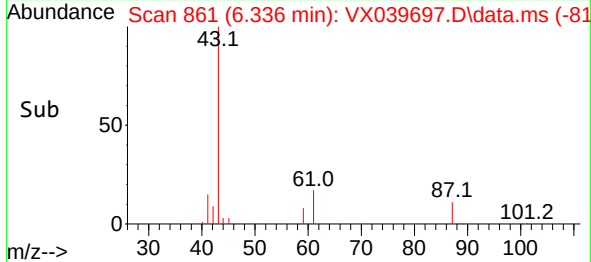
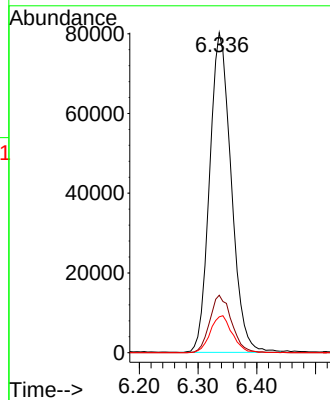
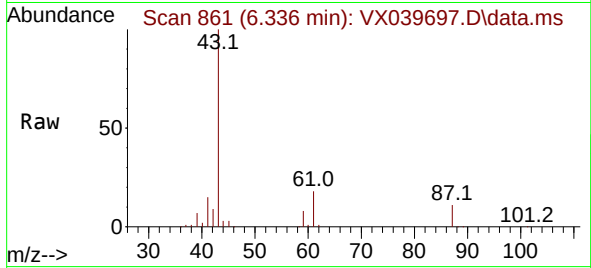
87 11.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#44

Trichloroethene

Concen: 49.978 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039697.D

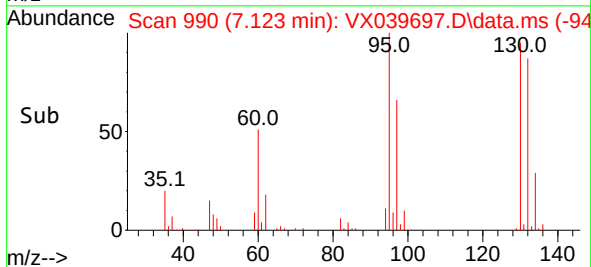
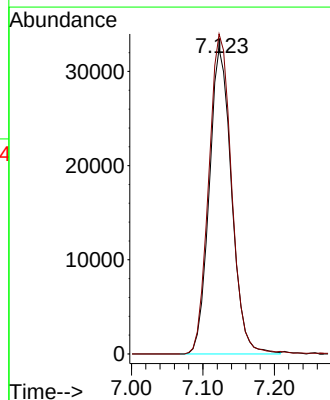
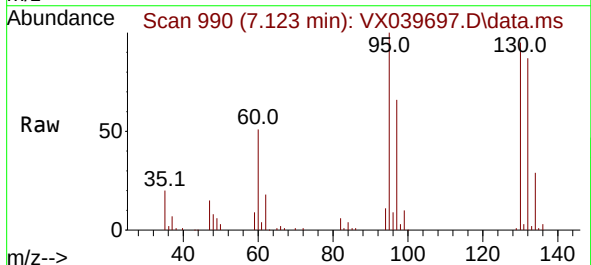
Acq: 10 Jan 2024 11:58

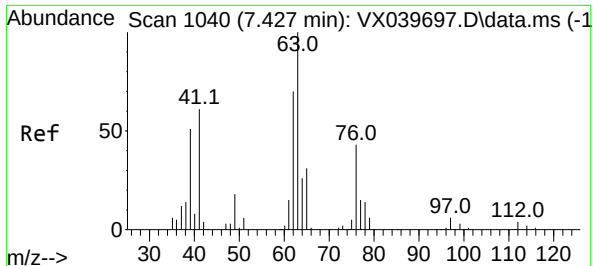
Tgt Ion:130 Resp: 70494

Ion Ratio Lower Upper

130 100

95 104.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.901 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 7549

Ion Ratio Lower Upper

63 100

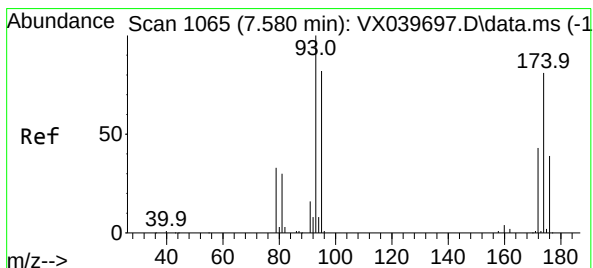
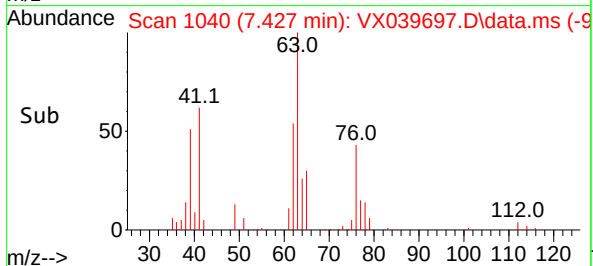
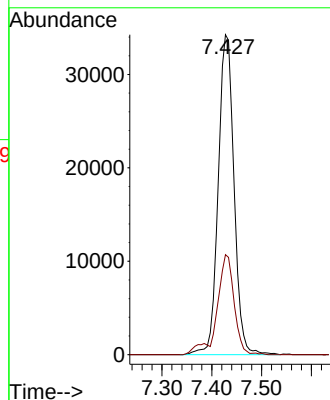
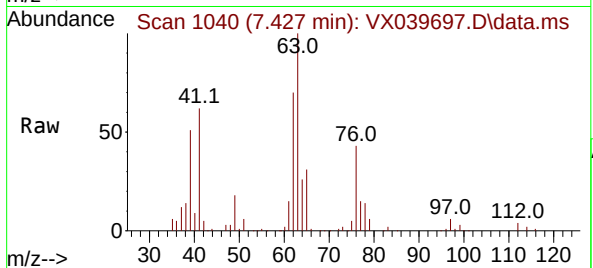
65 31.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#46

Dibromomethane

Concen: 50.081 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

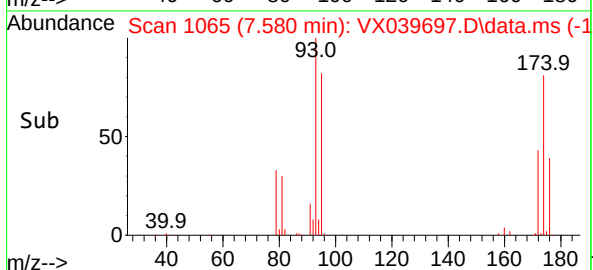
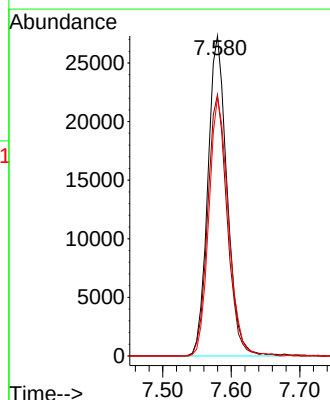
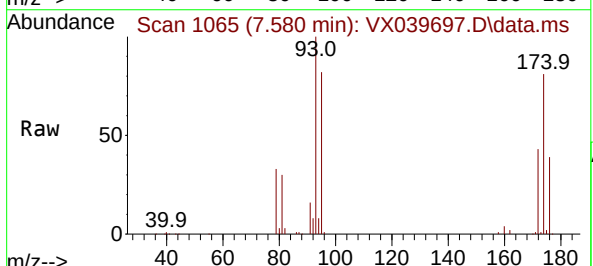
Tgt Ion: 93 Resp: 53405

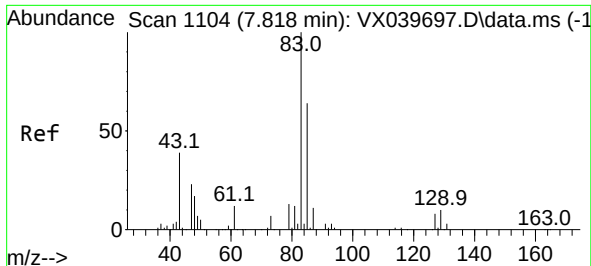
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

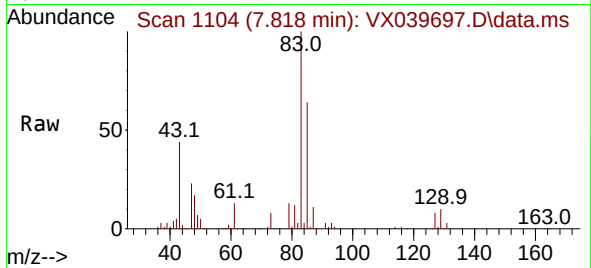
174 81.8 69.4 104.0





#47
Bromodichloromethane
Concen: 50.774 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

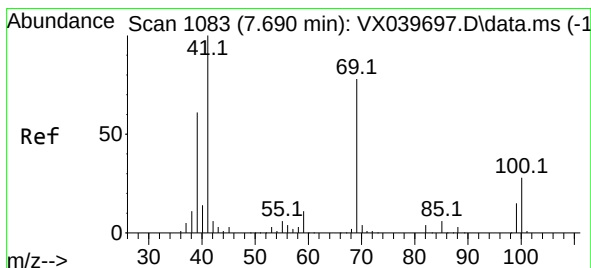
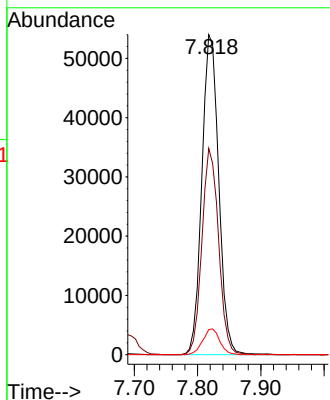
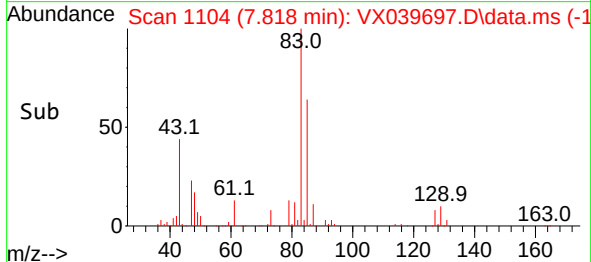
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 100278
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 7.8 7.1 10.7

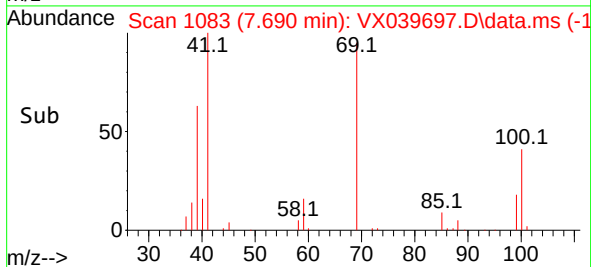
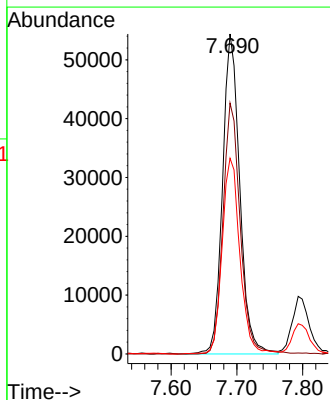
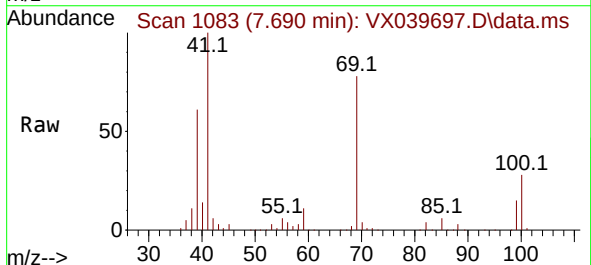
Manual Integrations
APPROVED

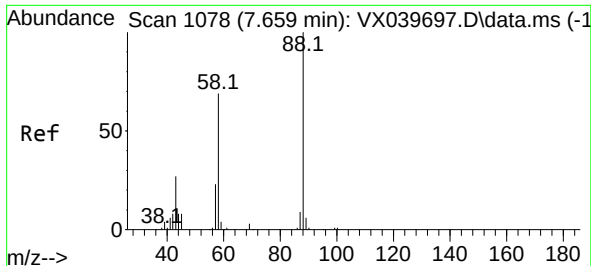
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#48
Methyl methacrylate
Concen: 50.760 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

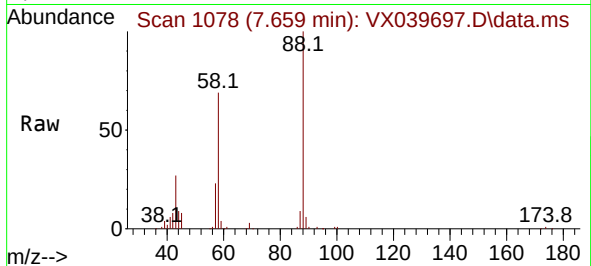
Tgt Ion: 41 Resp: 99244
Ion Ratio Lower Upper
41 100
69 78.4 59.2 88.8
39 63.1 47.7 71.5





#49
1,4-Dioxane
Concen: 1027.391 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

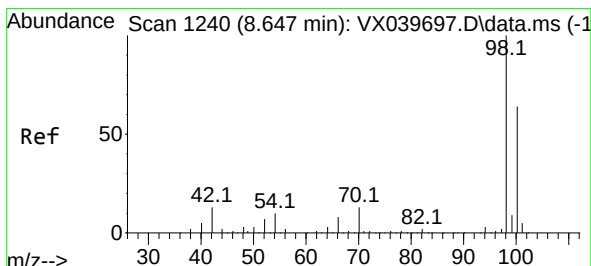
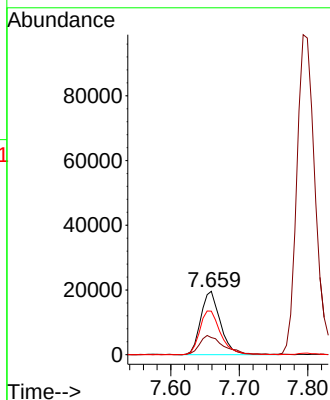
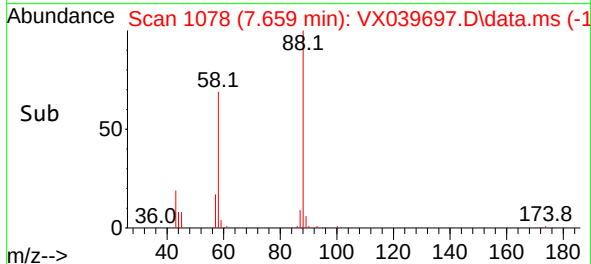
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



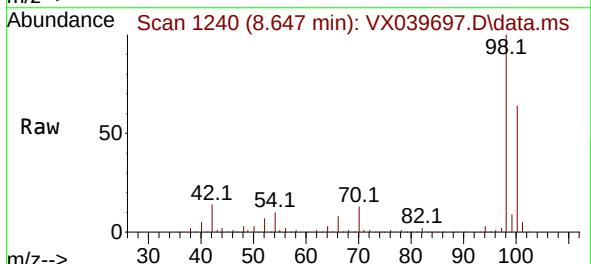
Tgt Ion: 88 Resp: 3886
Ion Ratio Lower Upper
88 100
43 37.0 0.0 0.0
58 73.7 60.1 90.1

Manual Integrations
APPROVED

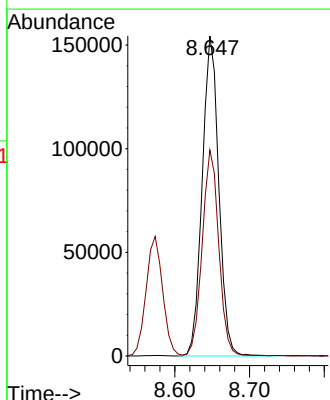
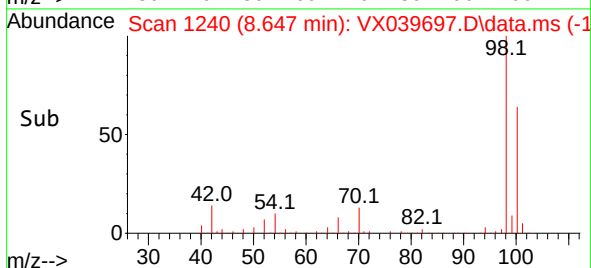
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

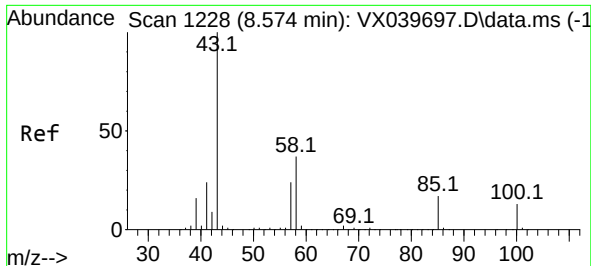


#50
Toluene-d8
Concen: 48.242 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58



Tgt Ion: 98 Resp: 237586
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7





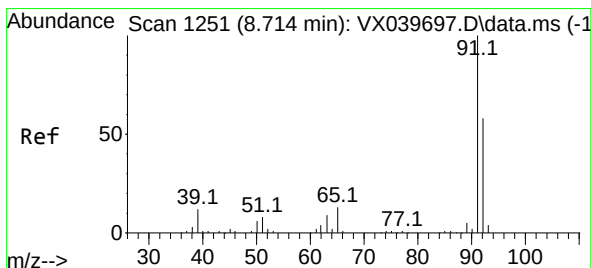
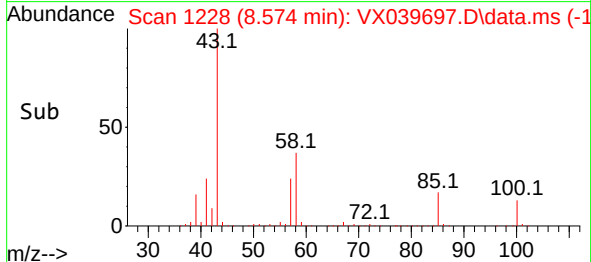
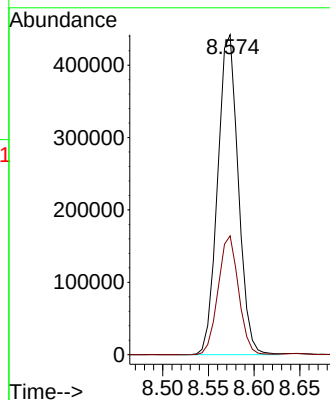
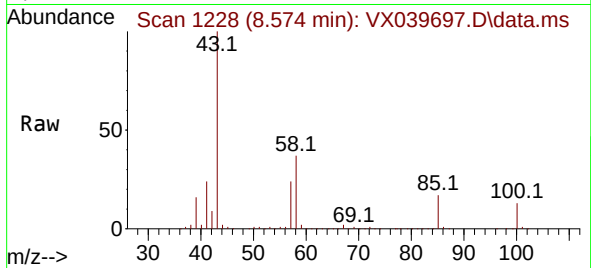
#51
4-Methyl-2-Pentanone
Concen: 253.751 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 695149
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6

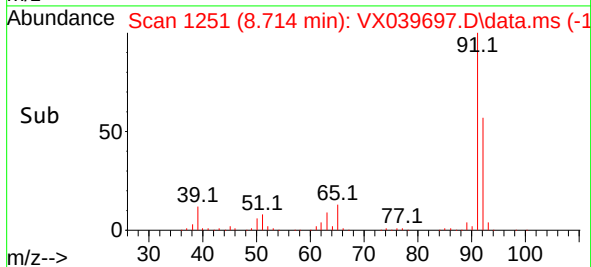
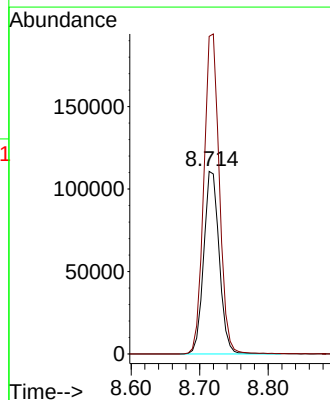
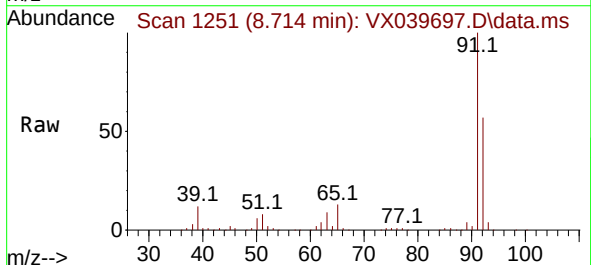
Manual Integrations
APPROVED

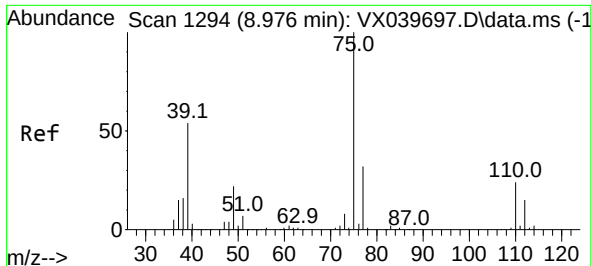
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#52
Toluene
Concen: 50.756 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 92 Resp: 174481
Ion Ratio Lower Upper
92 100
91 175.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 52.446 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 10991

Ion Ratio Lower Upper

75 100

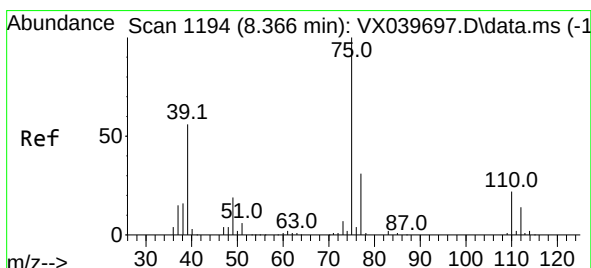
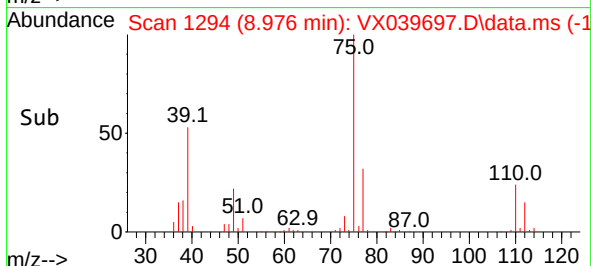
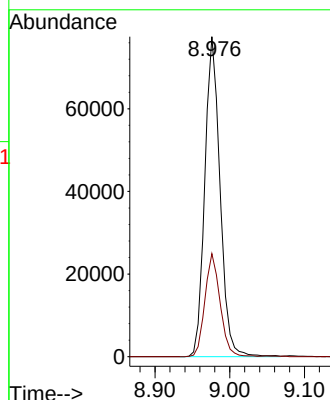
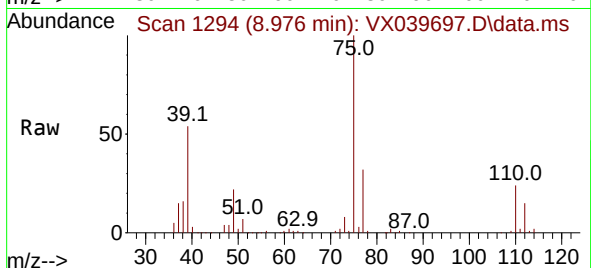
77 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#54

cis-1,3-Dichloropropene

Concen: 52.020 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

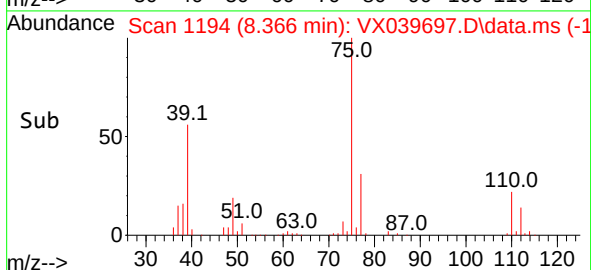
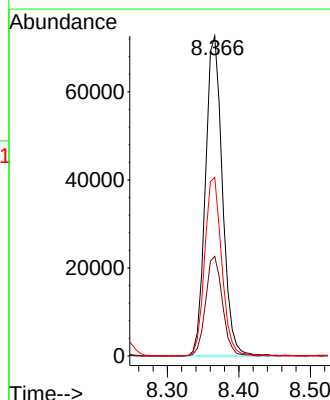
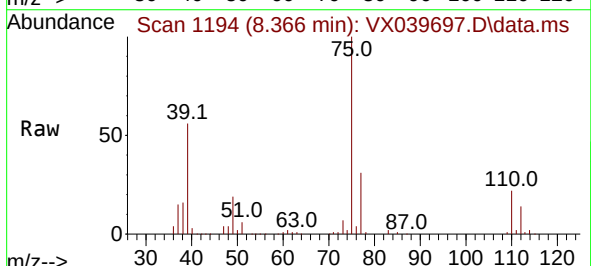
Tgt Ion: 75 Resp: 119874

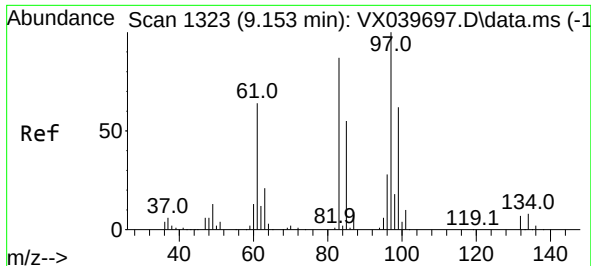
Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

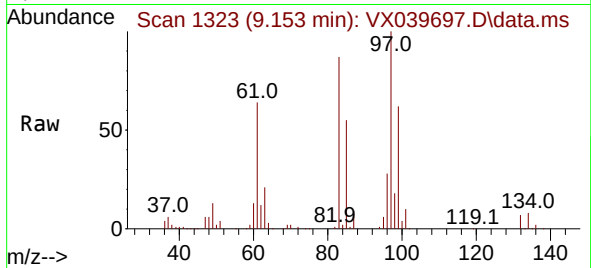
39 55.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 49.647 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

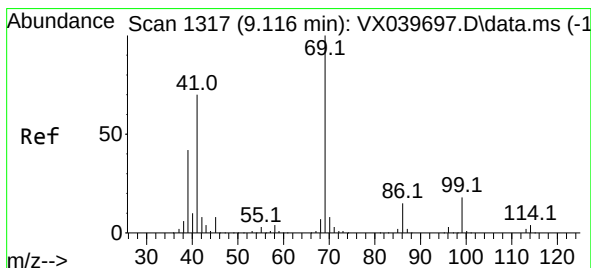
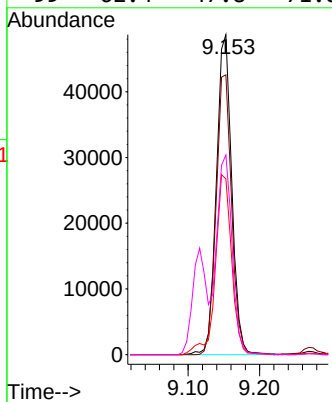
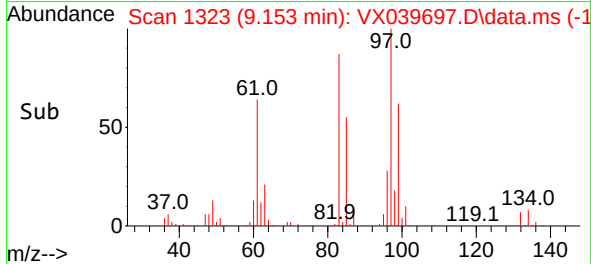
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



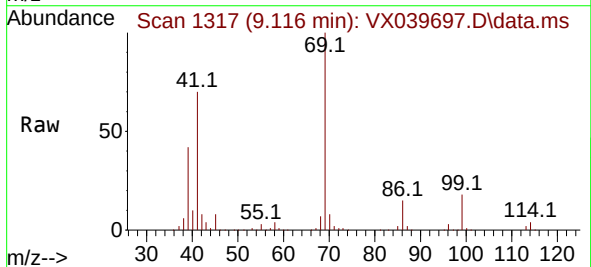
Tgt Ion: 97 Resp: 7266
Ion Ratio Lower Upper
97 100
83 87.4 65.8 98.8
85 54.9 41.6 62.4
99 62.4 47.8 71.8

Manual Integrations
APPROVED

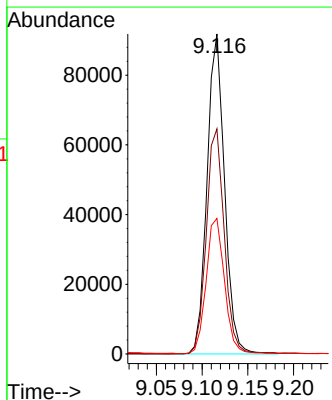
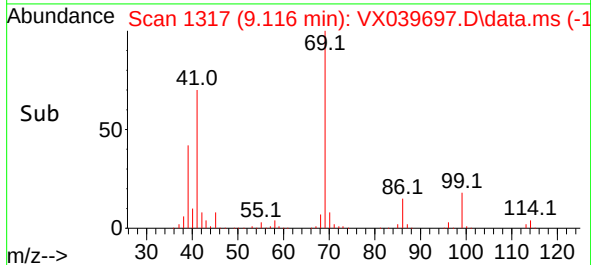
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

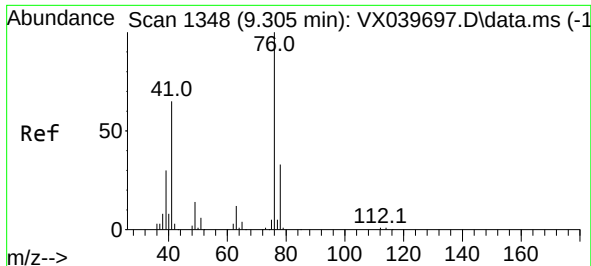


#56
Ethyl methacrylate
Concen: 51.539 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58



Tgt Ion: 69 Resp: 122084
Ion Ratio Lower Upper
69 100
41 72.0 56.8 85.2
39 44.4 32.0 48.0





#57

1,3-Dichloropropane

Concen: 49.781 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 123470

Ion Ratio Lower Upper

76 100

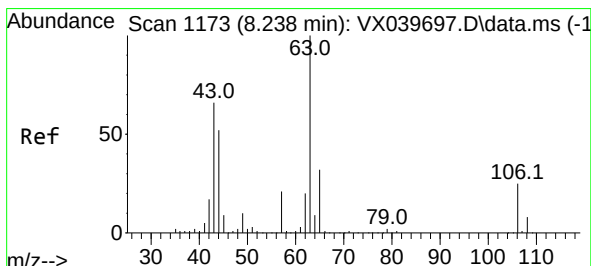
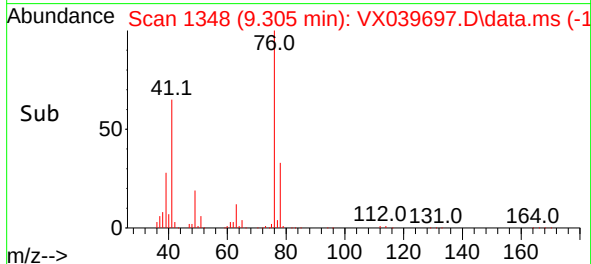
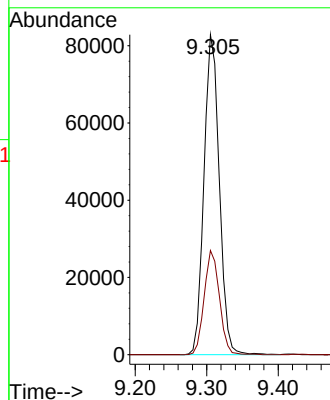
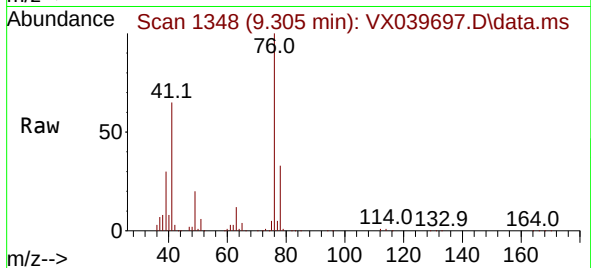
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#58

2-Chloroethyl Vinyl ether

Concen: 258.902 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039697.D

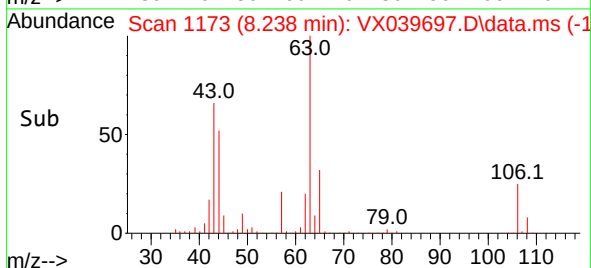
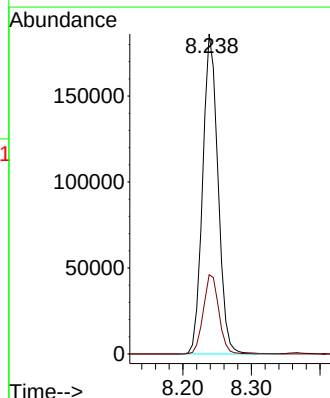
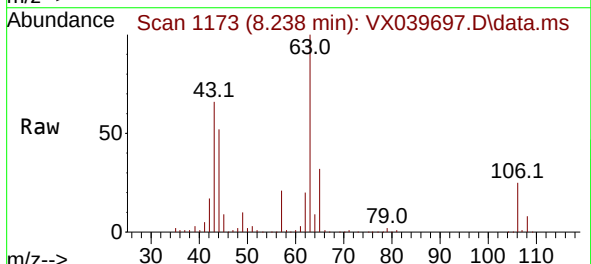
Acq: 10 Jan 2024 11:58

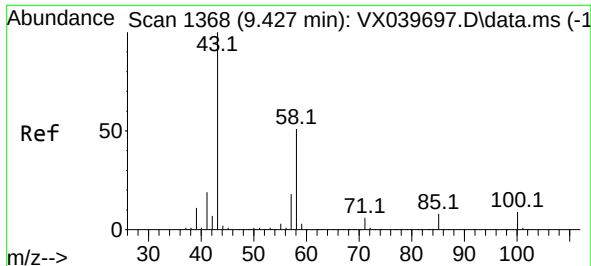
Tgt Ion: 63 Resp: 289883

Ion Ratio Lower Upper

63 100

106 25.1 22.5 33.7





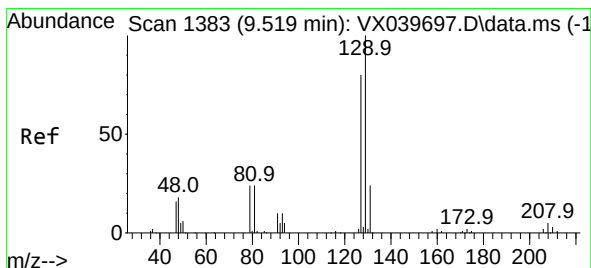
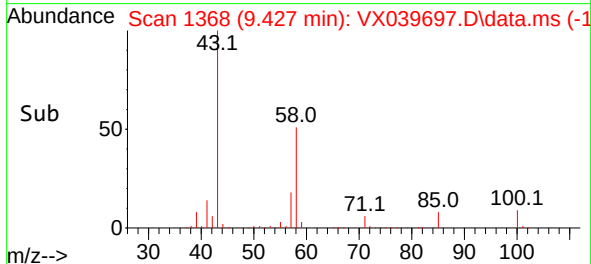
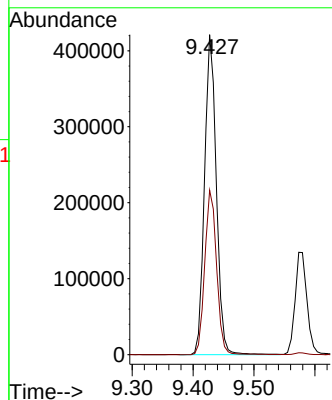
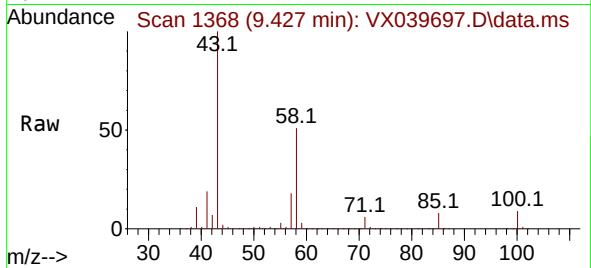
#59
2-Hexanone
Concen: 260.830 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 56551
Ion Ratio Lower Upper
43 100
58 51.9 26.2 78.5

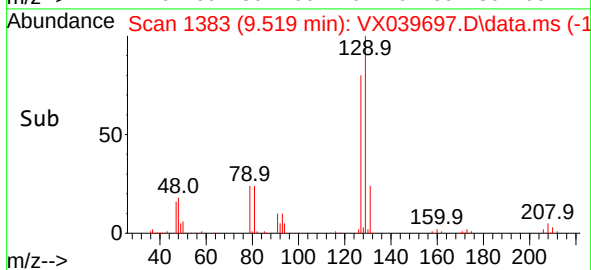
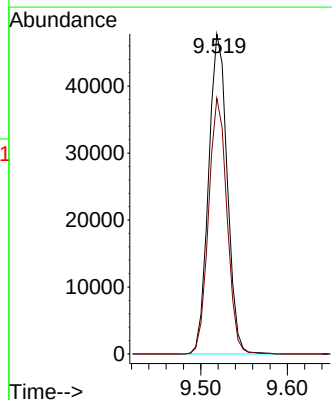
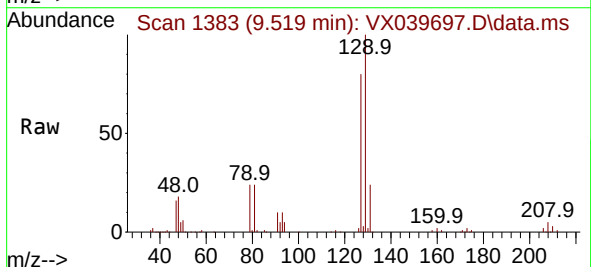
Manual Integrations
APPROVED

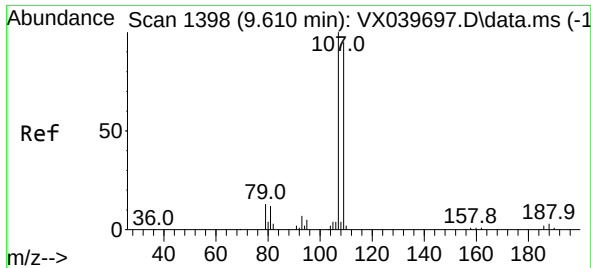
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#60
Dibromochloromethane
Concen: 51.714 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion:129 Resp: 71378
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4





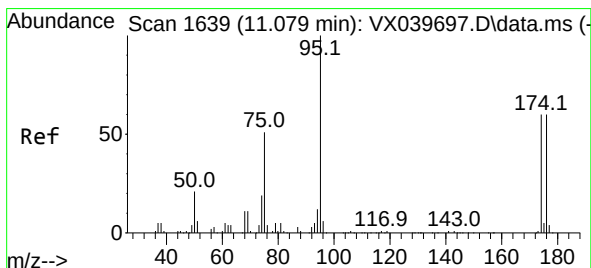
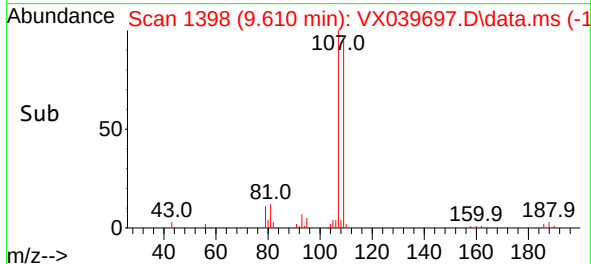
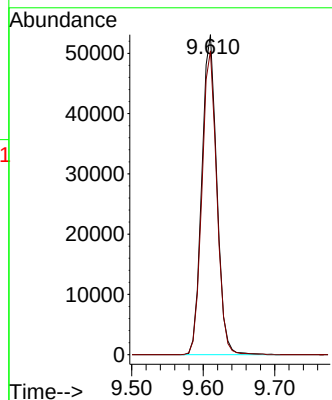
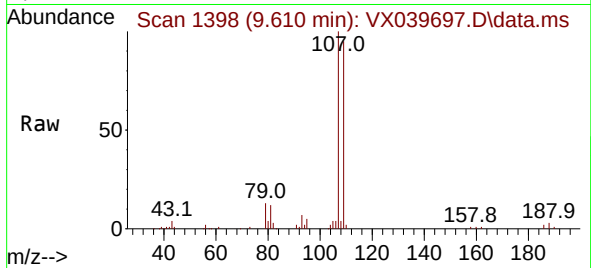
#61
1,2-Dibromoethane
Concen: 50.954 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 77228
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8

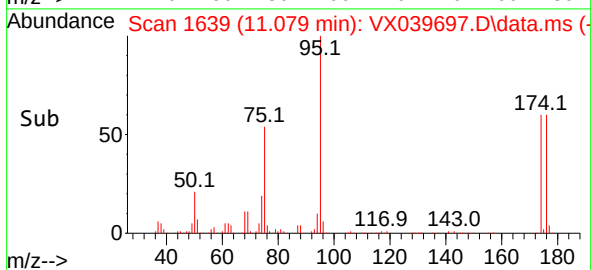
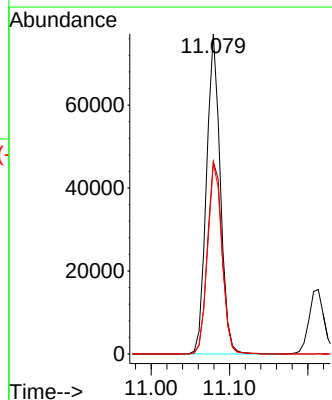
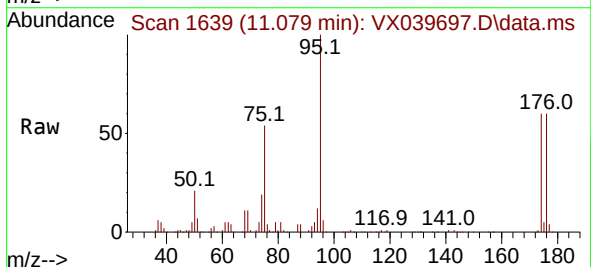
Manual Integrations
APPROVED

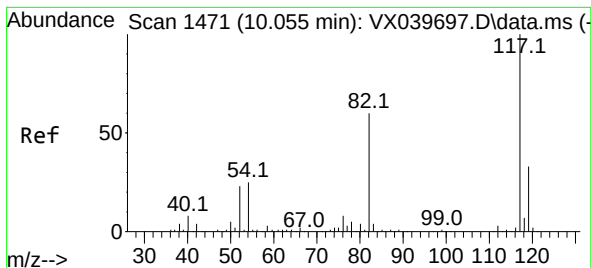
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#62
4-Bromofluorobenzene
Concen: 48.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

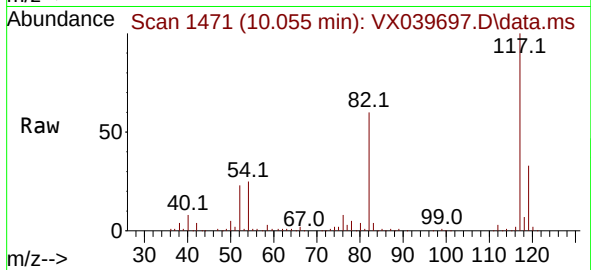
Tgt Ion: 95 Resp: 94020
Ion Ratio Lower Upper
95 100
174 64.2 0.0 135.6
176 61.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

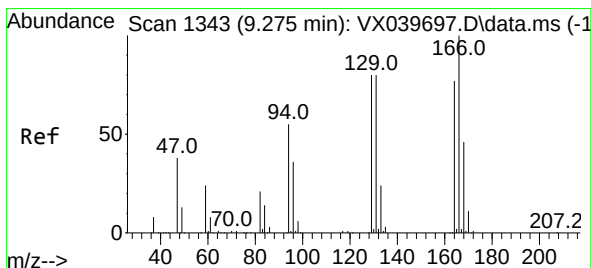
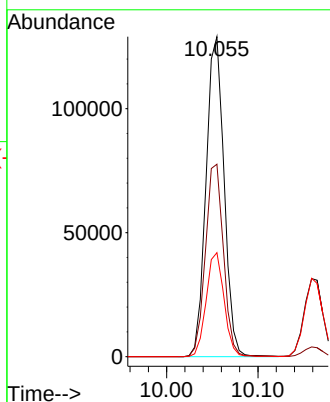
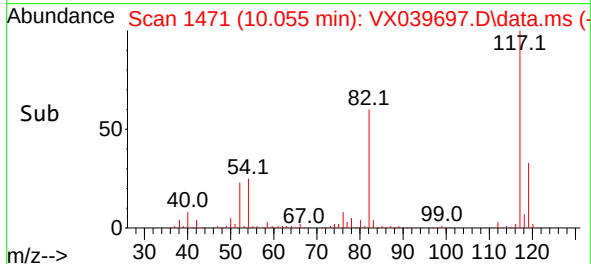
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 177040
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 32.5 25.5 38.3

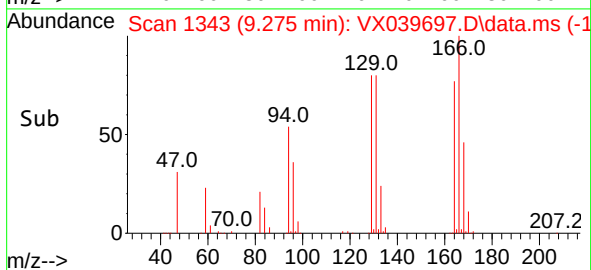
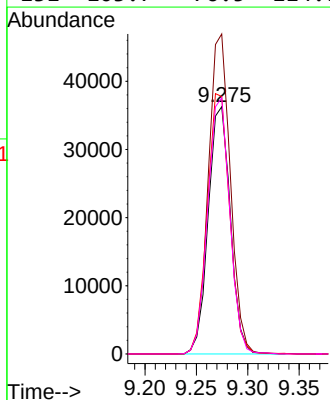
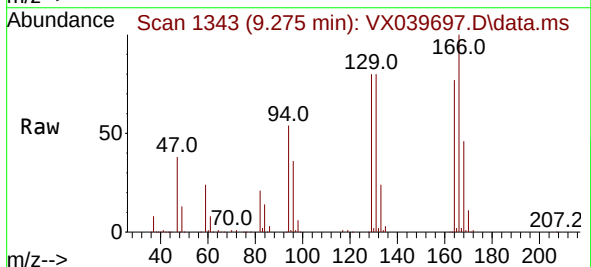
Manual Integrations
APPROVED

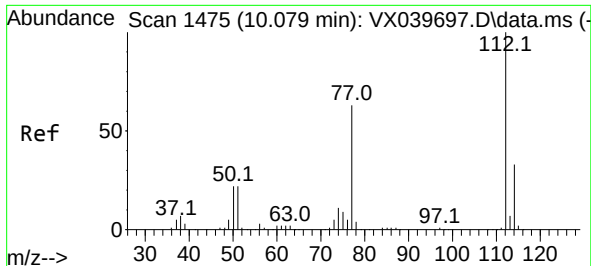
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#64
Tetrachloroethene
Concen: 47.138 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion:164 Resp: 54269
Ion Ratio Lower Upper
164 100
166 129.5 102.7 154.1
129 104.2 80.4 120.6
131 103.7 76.5 114.7





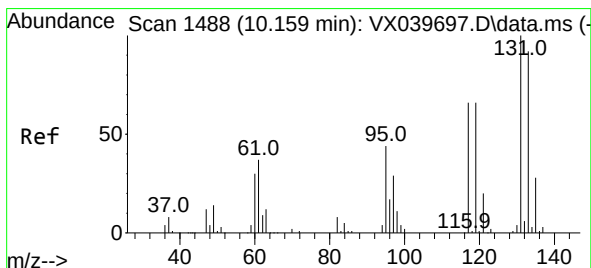
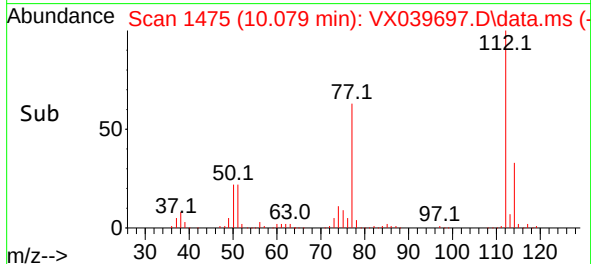
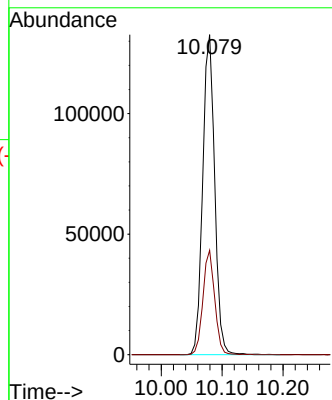
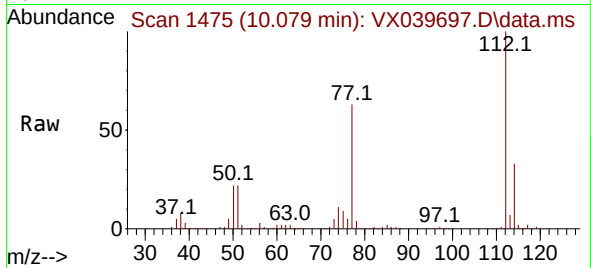
#65
Chlorobenzene
Concen: 49.190 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 181379
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

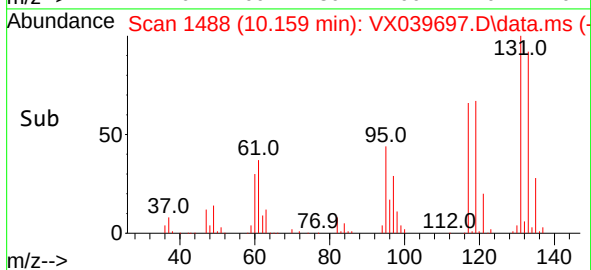
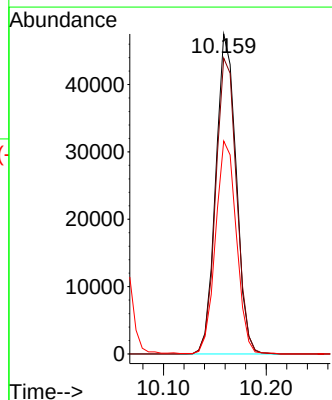
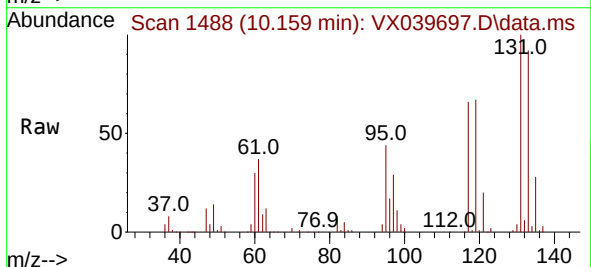
Manual Integrations
APPROVED

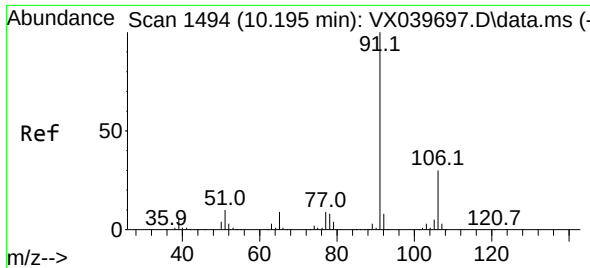
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.006 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

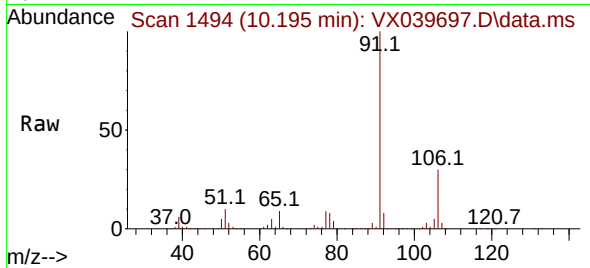
Tgt Ion:131 Resp: 65297
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 68.3 32.2 96.6





#67
Ethyl Benzene
Concen: 50.412 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

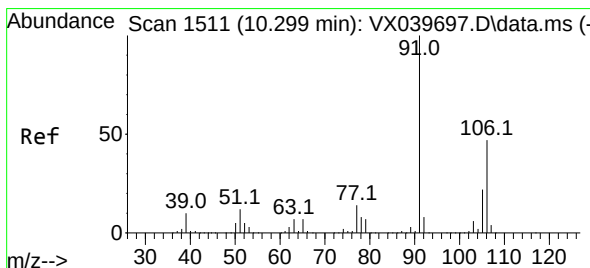
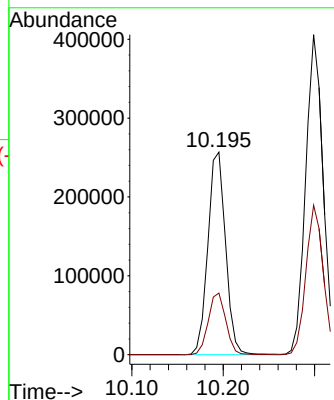
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 345108
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

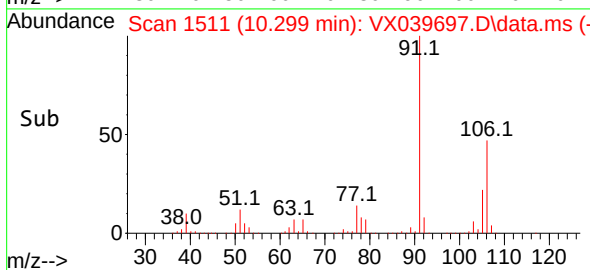
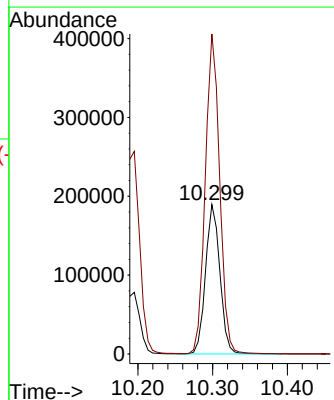
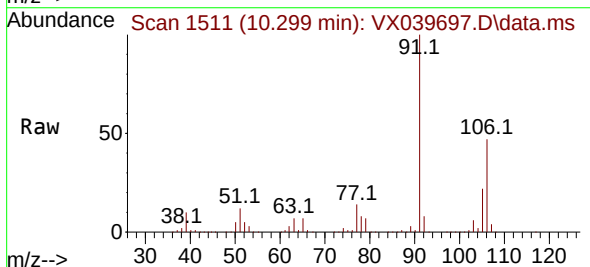
Manual Integrations
APPROVED

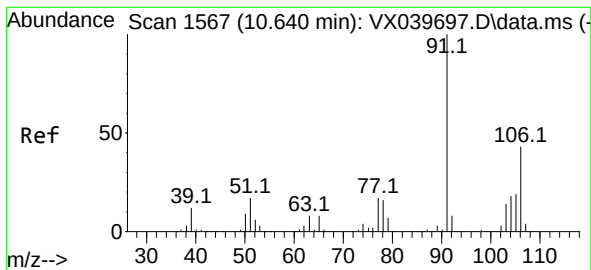
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#68
m/p-Xylenes
Concen: 100.391 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion:106 Resp: 252749
Ion Ratio Lower Upper
106 100
91 214.3 165.5 248.3





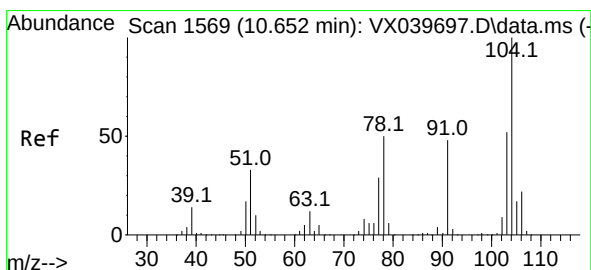
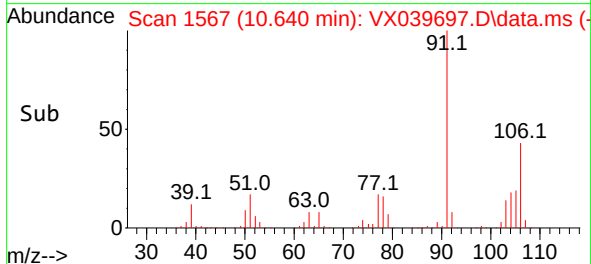
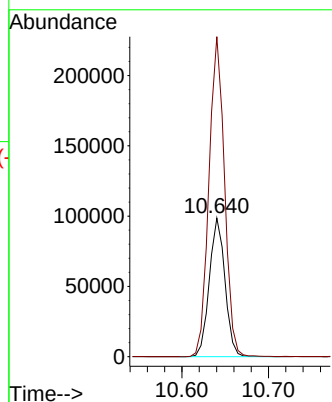
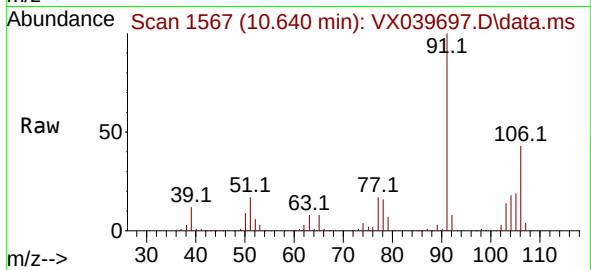
#69
o-Xylene
Concen: 49.585 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 123630
Ion Ratio Lower Upper
106 100
91 229.8 108.9 326.8

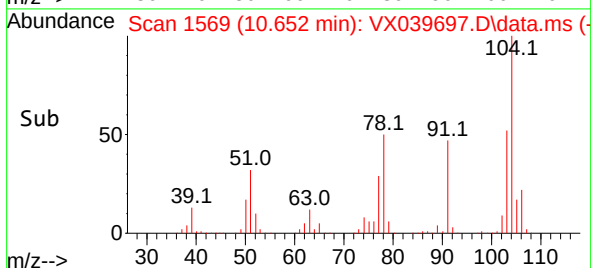
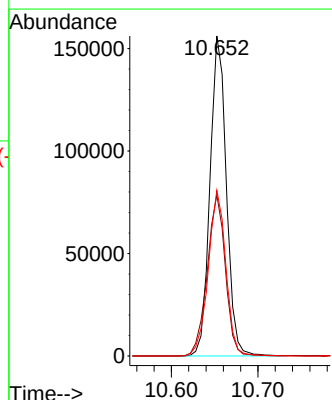
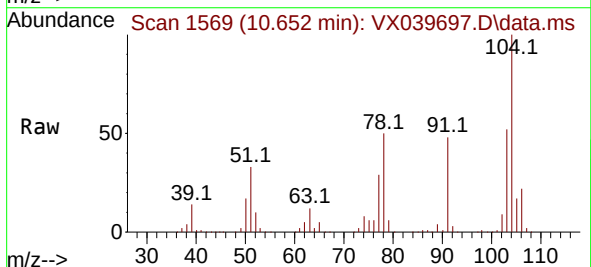
Manual Integrations
APPROVED

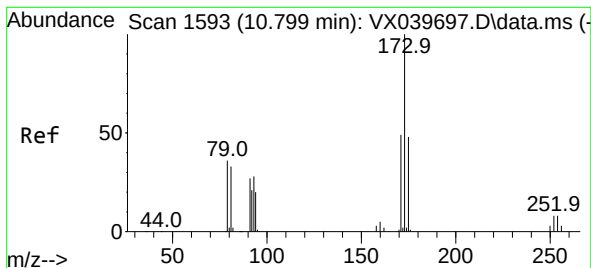
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#70
Styrene
Concen: 50.430 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion:104 Resp: 205394
Ion Ratio Lower Upper
104 100
78 55.8 43.6 65.4
103 55.8 43.6 65.4





#71

Bromoform

Concen: 53.570 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

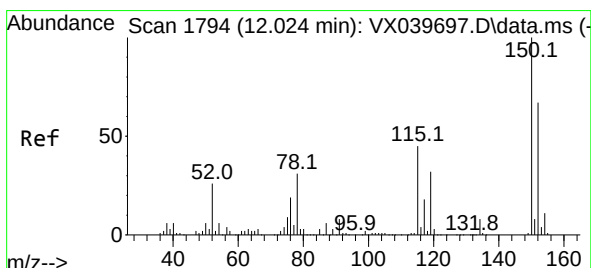
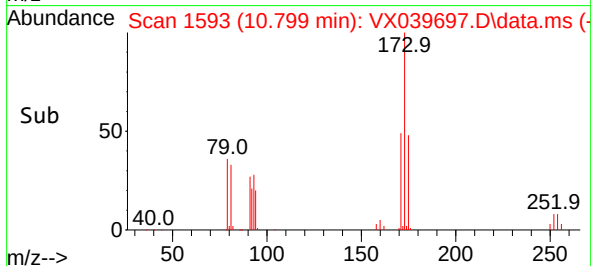
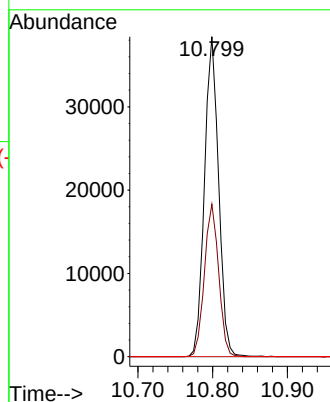
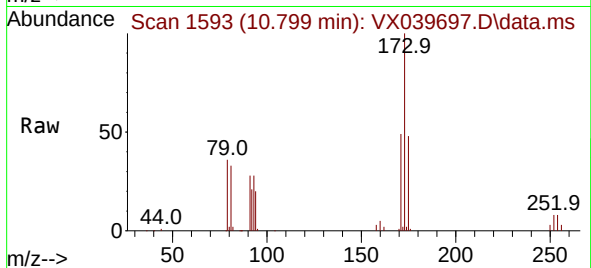
Tgt Ion:173	Resp:	5050
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.1 72.4
254	0.0	0.0 0.0

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

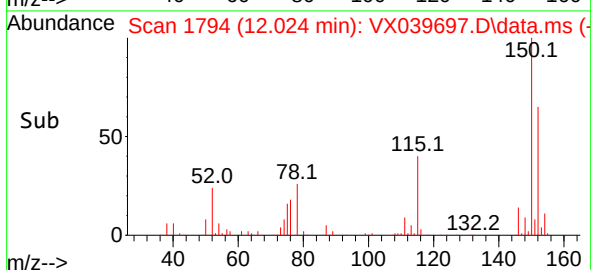
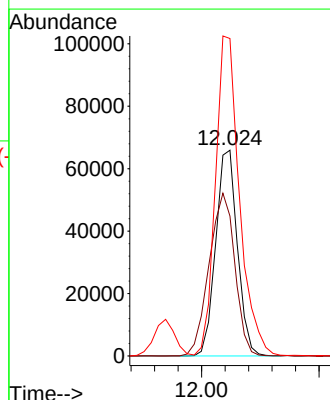
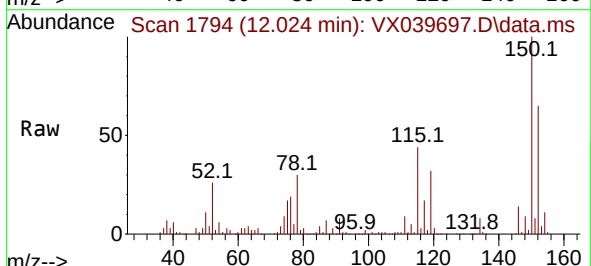
RT: 12.024 min Scan# 1794

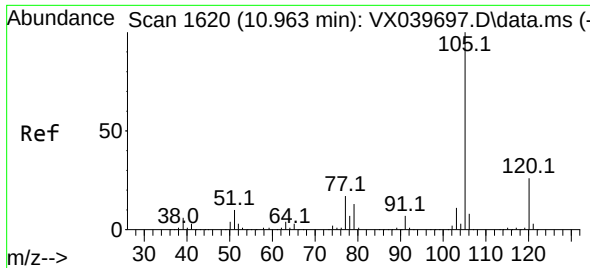
Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

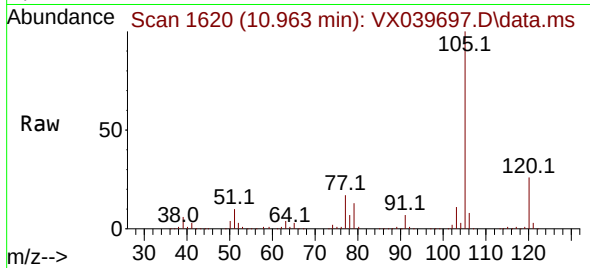
Tgt Ion:152	Resp:	84509
Ion Ratio	Lower	Upper
152	100	
115	93.9	43.3 129.9
150	172.7	0.0 345.0





#73
Isopropylbenzene
Concen: 49.287 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

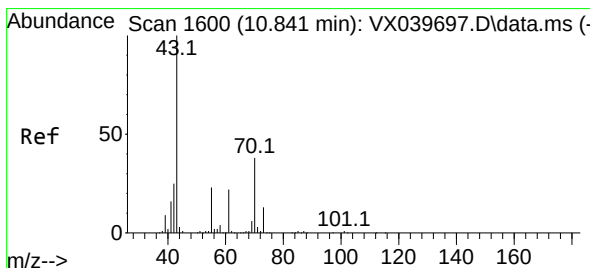
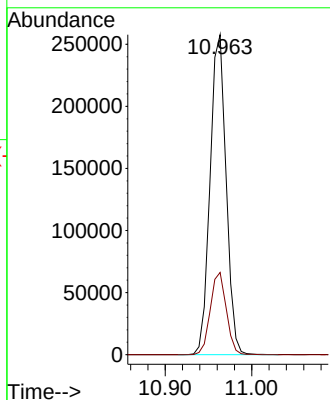
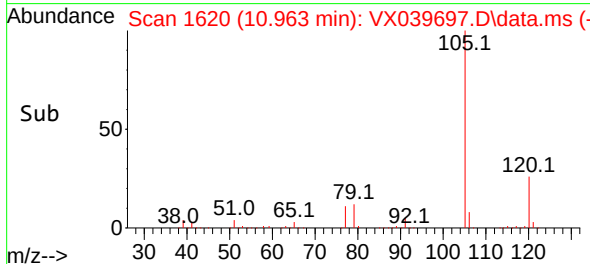
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 331618
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

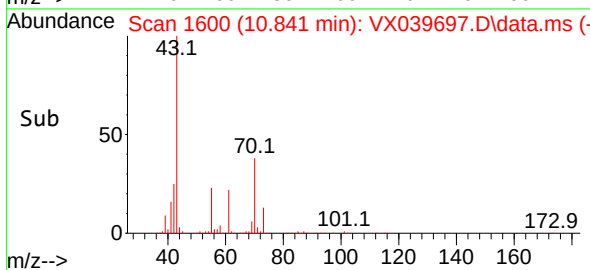
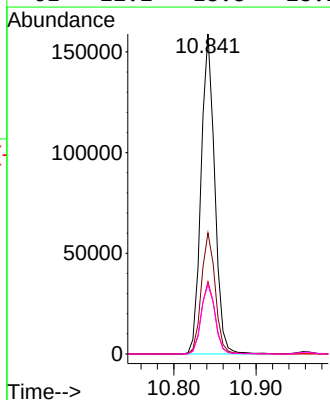
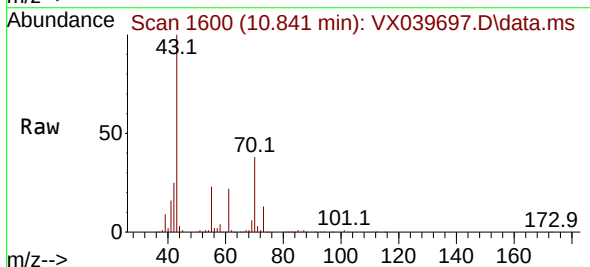
Manual Integrations
APPROVED

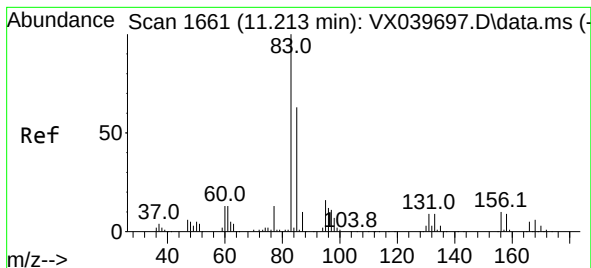
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#74
N-ethyl acetate
Concen: 52.178 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 43 Resp: 182996
Ion Ratio Lower Upper
43 100
70 38.5 32.9 49.3
55 22.8 19.3 28.9
61 22.2 18.8 28.2





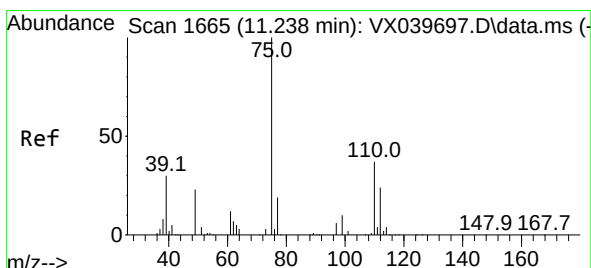
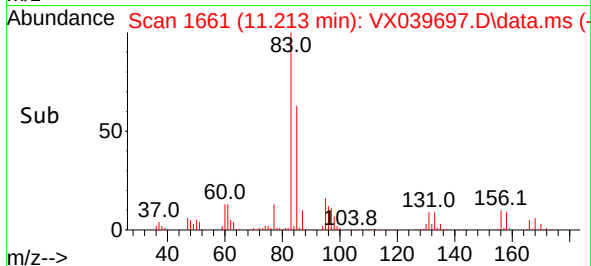
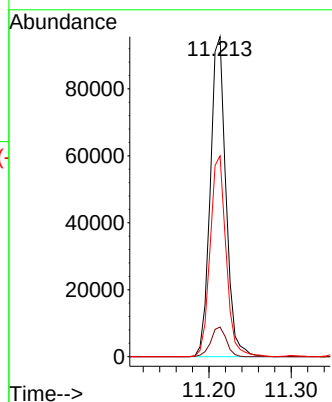
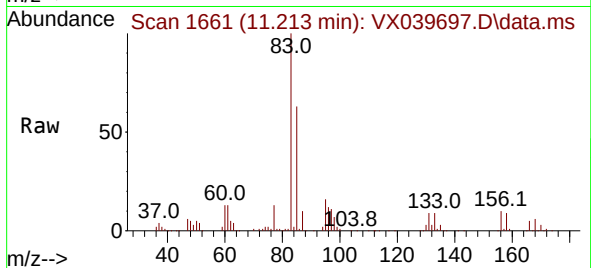
#75
1,1,2,2-Tetrachloroethane
Concen: 49.085 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 12611
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 64.1 32.0 96.2

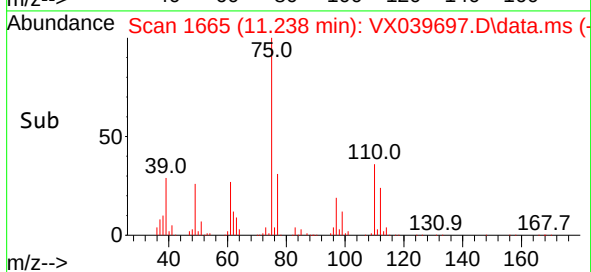
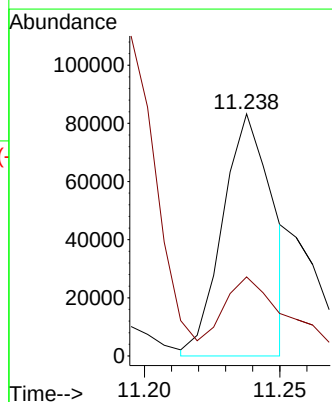
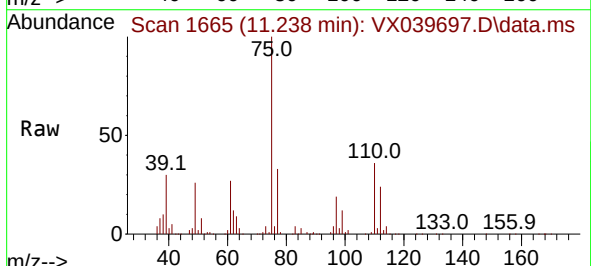
Manual Integrations
APPROVED

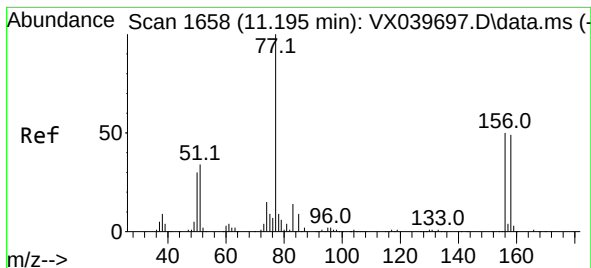
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#76
1,2,3-Trichloropropane
Concen: 48.744 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 75 Resp: 106797
Ion Ratio Lower Upper
75 100
77 42.6 19.1 57.5





#77

Bromobenzene

Concen: 48.184 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

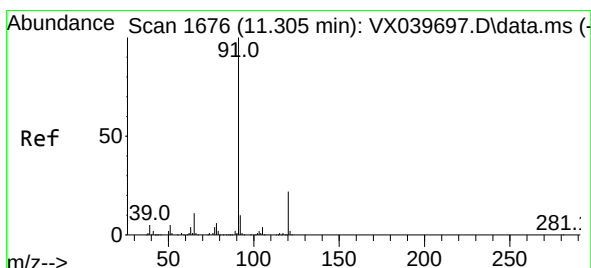
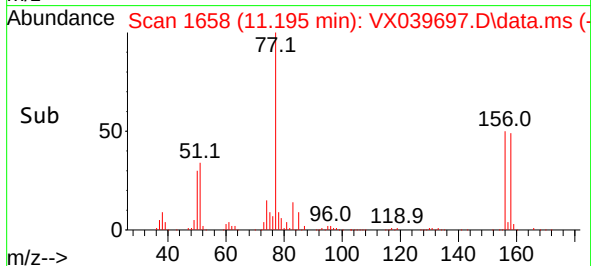
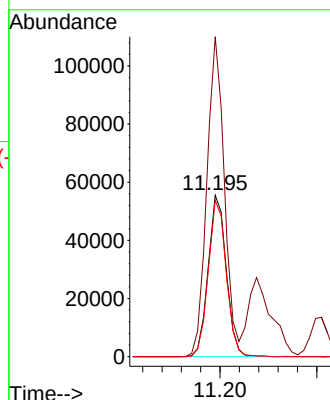
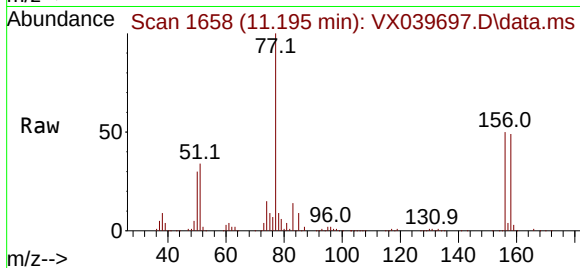
Tgt Ion:	156	Resp:	72184
Ion Ratio	Lower	Upper	
156	100		
77	191.8	88.4	265.3
158	96.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#78

n-propylbenzene

Concen: 50.196 ug/l

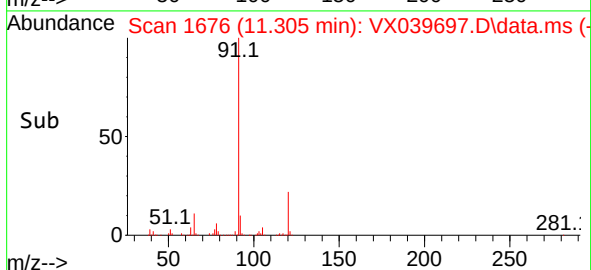
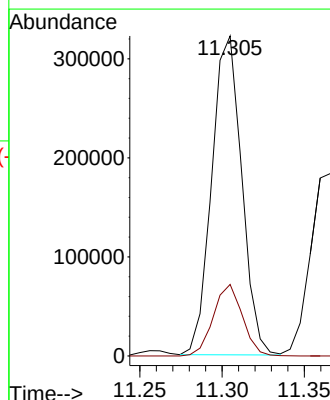
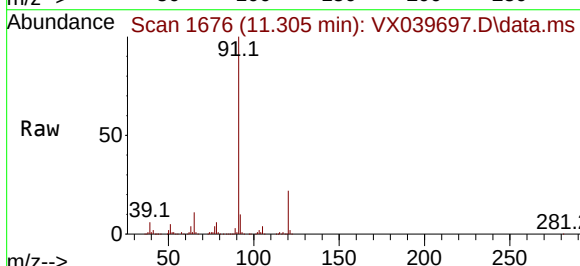
RT: 11.305 min Scan# 1676

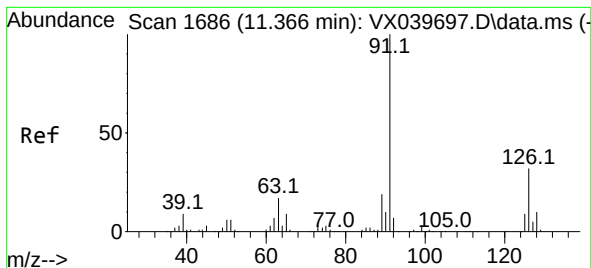
Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Tgt Ion:	91	Resp:	408769
Ion Ratio	Lower	Upper	
91	100		
120	21.7	11.5	34.4





#79

2-Chlorotoluene

Concen: 47.675 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 239954

Ion Ratio Lower Upper

91 100

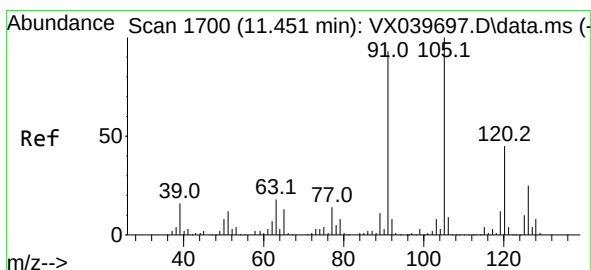
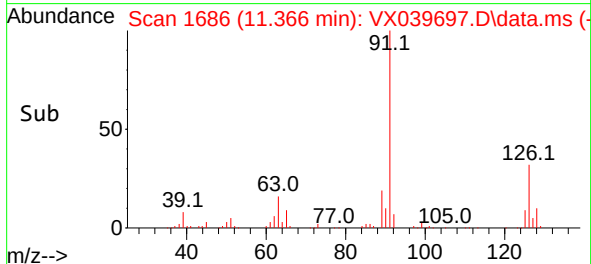
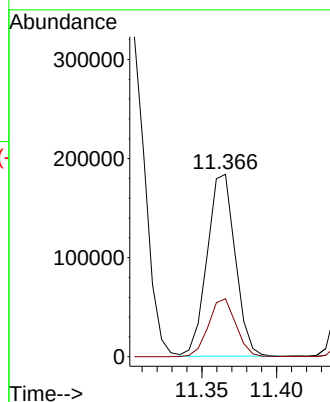
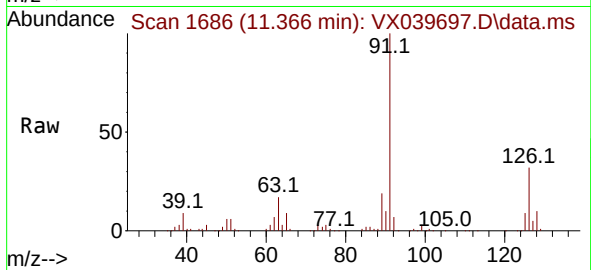
126 31.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#80

1,3,5-Trimethylbenzene

Concen: 49.561 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039697.D

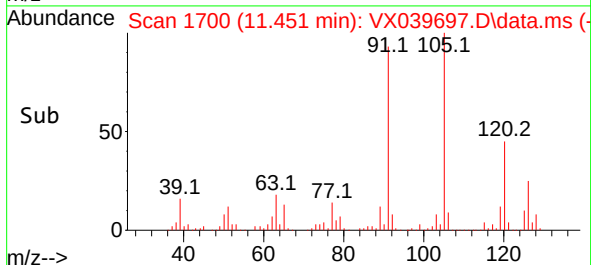
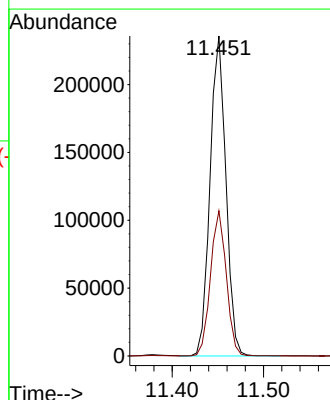
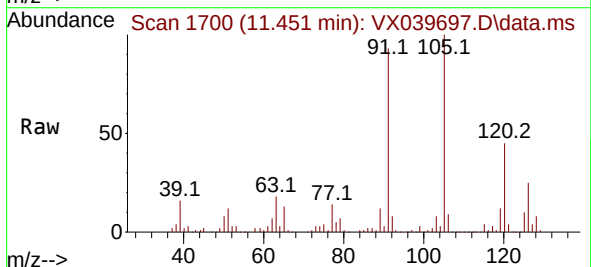
Acq: 10 Jan 2024 11:58

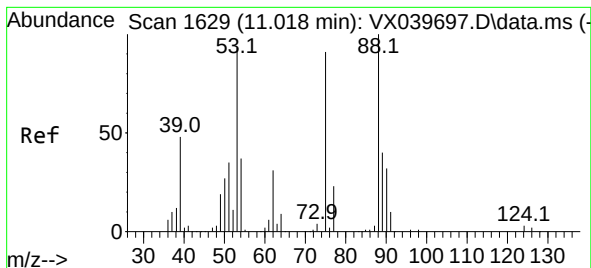
Tgt Ion:105 Resp: 283215

Ion Ratio Lower Upper

105 100

120 45.3 24.1 72.3





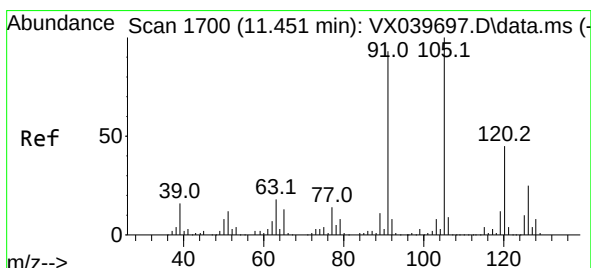
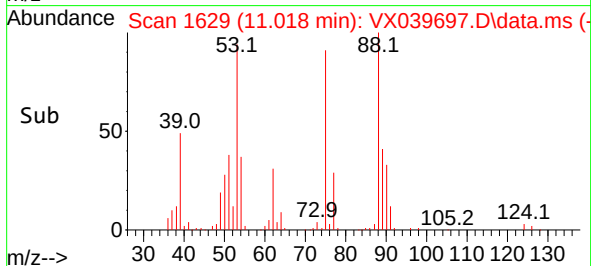
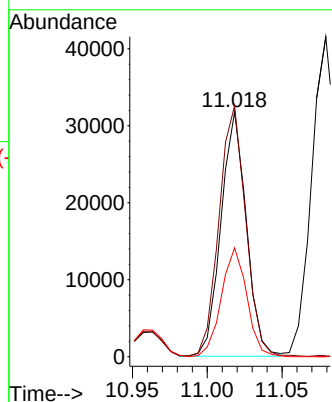
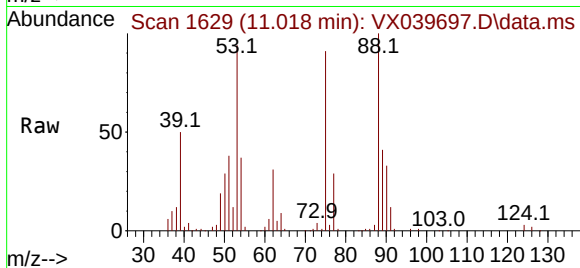
#81
trans-1,4-Dichloro-2-butene
Concen: 50.834 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 37369
Ion Ratio Lower Upper
75 100
53 107.8 90.5 135.7
89 44.8 36.9 55.3

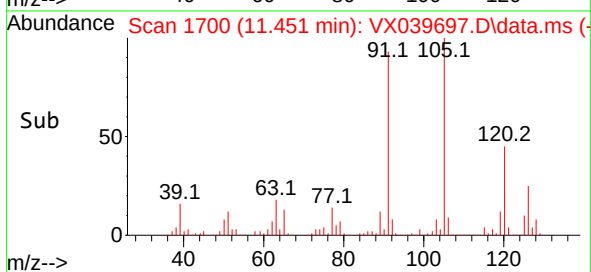
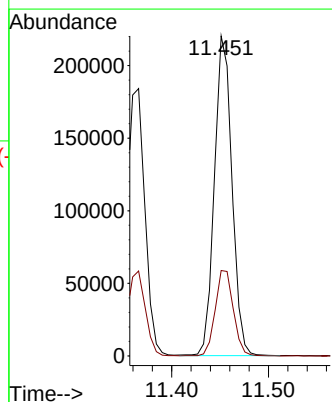
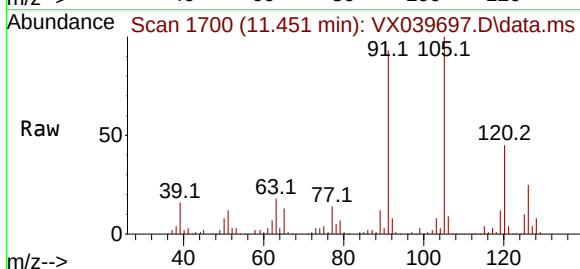
Manual Integrations
APPROVED

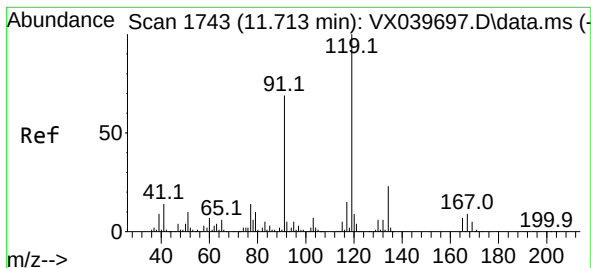
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#82
4-Chlorotoluene
Concen: 48.577 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 91 Resp: 277329
Ion Ratio Lower Upper
91 100
126 27.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.527 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

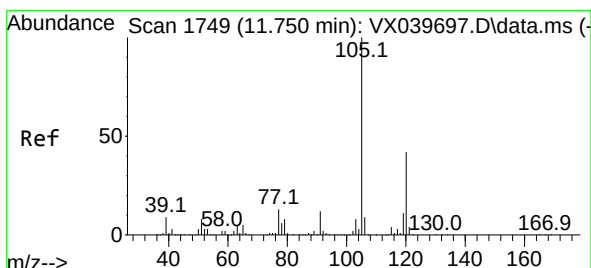
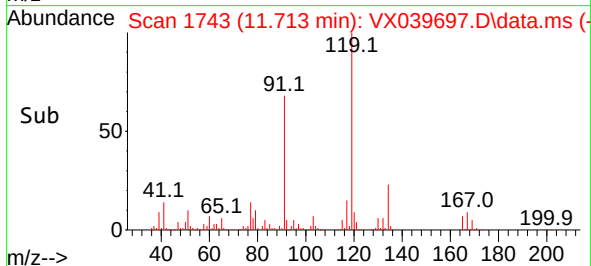
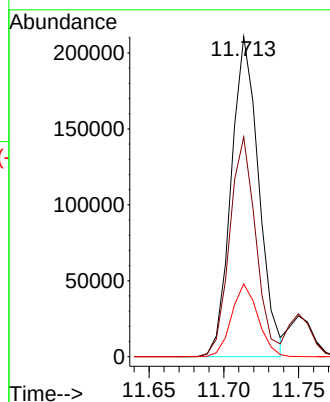
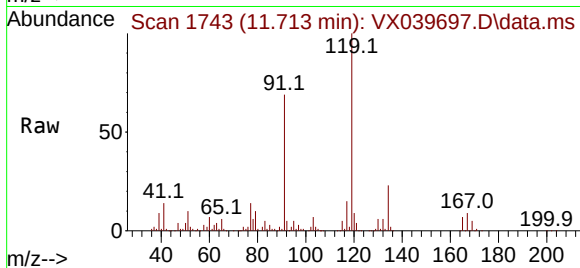
Tgt Ion:119 Resp: 27020
 Ion Ratio Lower Upper
 119 100
 91 65.5 31.2 93.6
 134 21.8 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#84

1,2,4-Trimethylbenzene

Concen: 49.995 ug/l

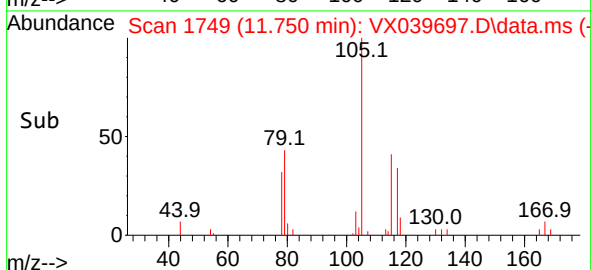
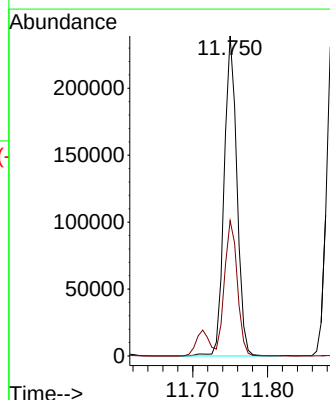
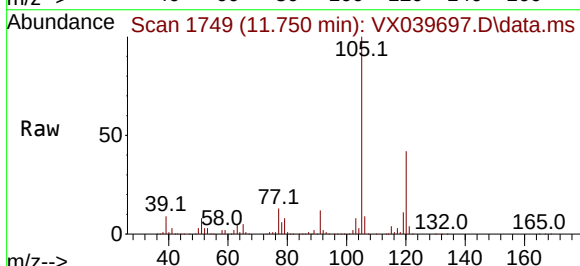
RT: 11.750 min Scan# 1749

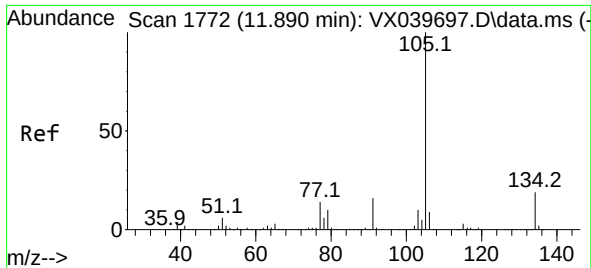
Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Tgt Ion:105 Resp: 285025
 Ion Ratio Lower Upper
 105 100
 120 42.2 21.2 63.6





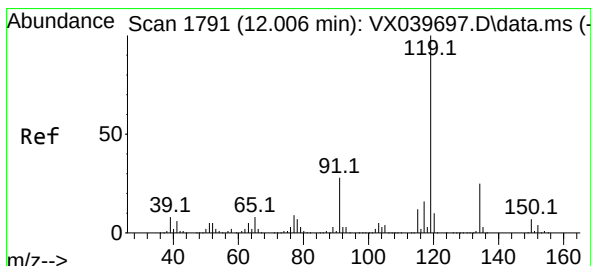
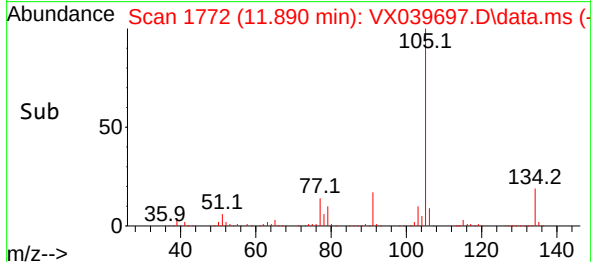
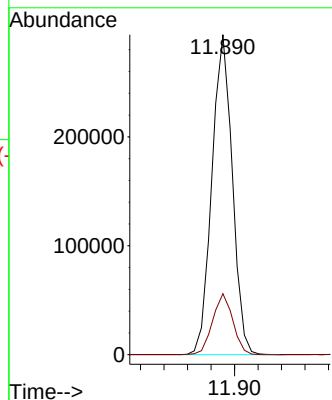
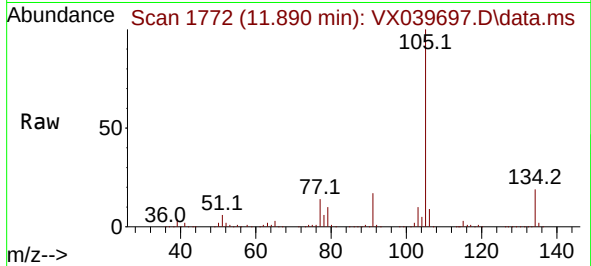
#85
 sec-Butylbenzene
 Concen: 50.006 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039697.D
 Acq: 10 Jan 2024 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 354140
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

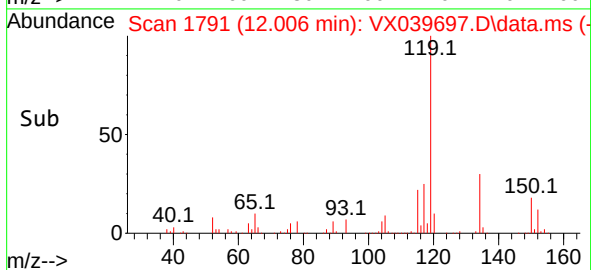
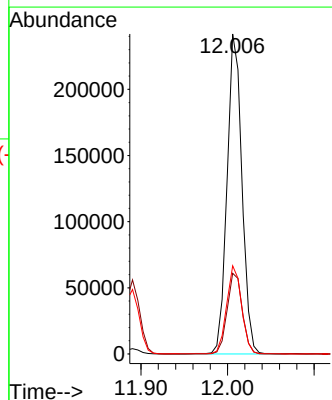
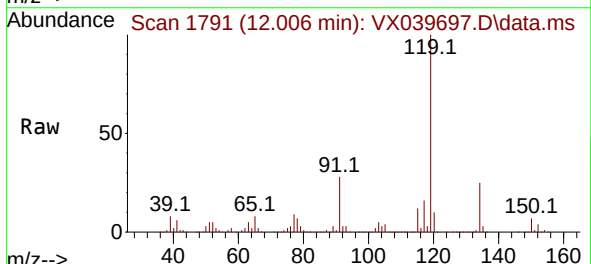
Manual Integrations
 APPROVED

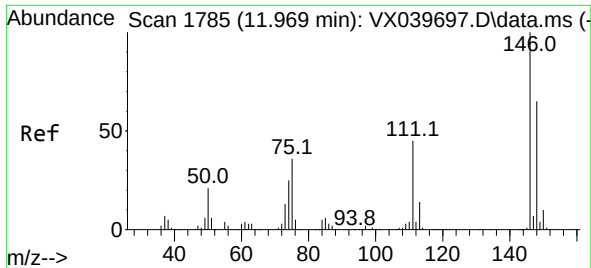
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024



#86
 p-Isopropyltoluene
 Concen: 50.945 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039697.D
 Acq: 10 Jan 2024 11:58

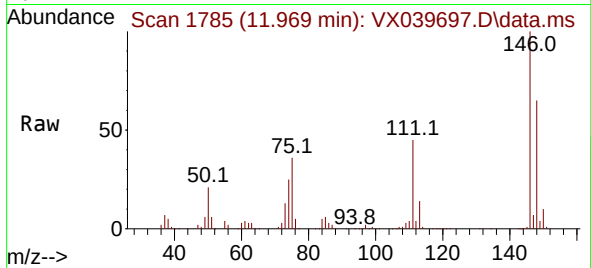
Tgt Ion:119 Resp: 288357
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 27.7 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 48.432 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

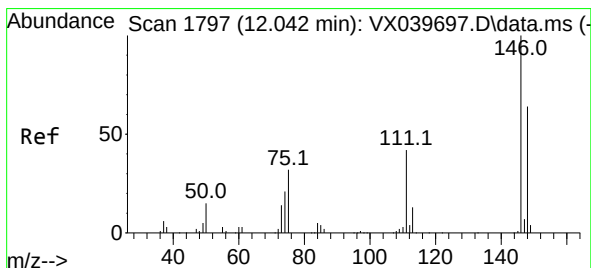
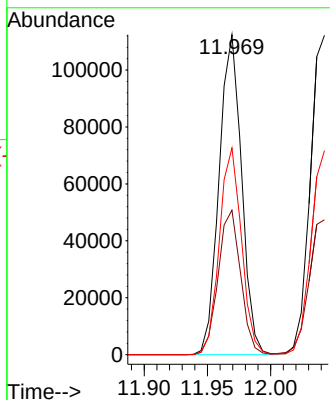
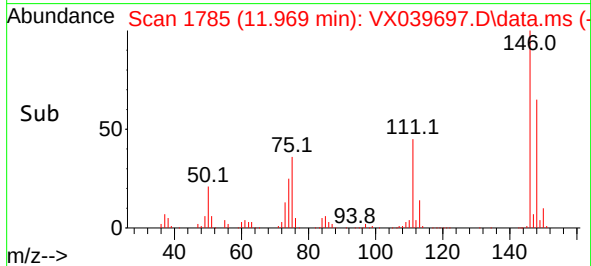
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



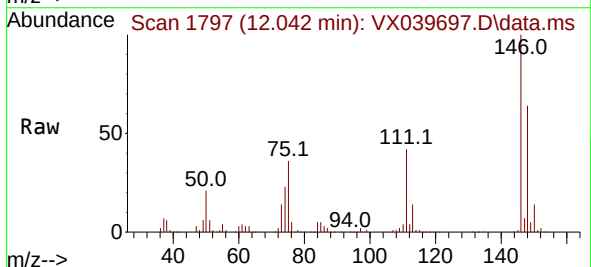
Tgt Ion:146 Resp: 139080
Ion Ratio Lower Upper
146 100
111 45.1 22.1 66.1
148 63.4 31.8 95.3

Manual Integrations
APPROVED

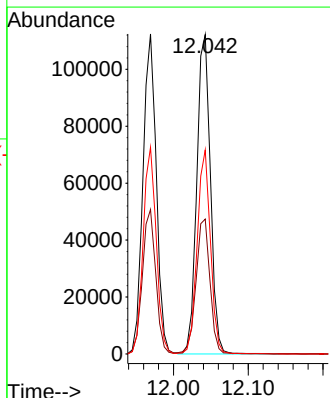
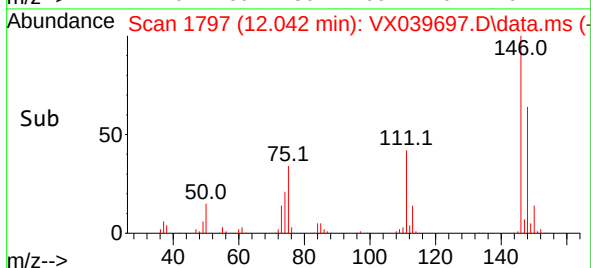
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

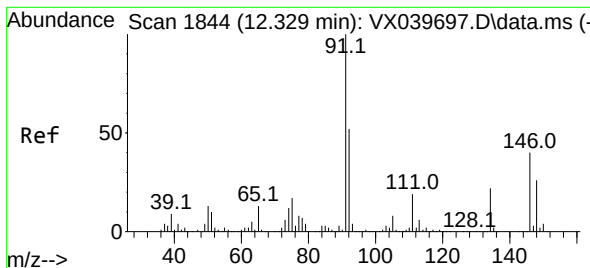


#88
1,4-Dichlorobenzene
Concen: 47.831 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58



Tgt Ion:146 Resp: 141863
Ion Ratio Lower Upper
146 100
111 43.5 21.3 63.7
148 62.3 31.8 95.4





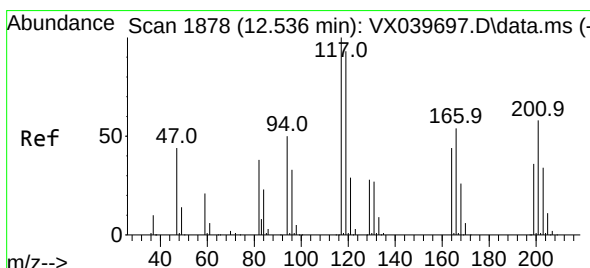
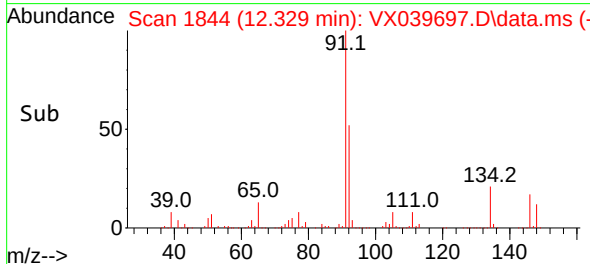
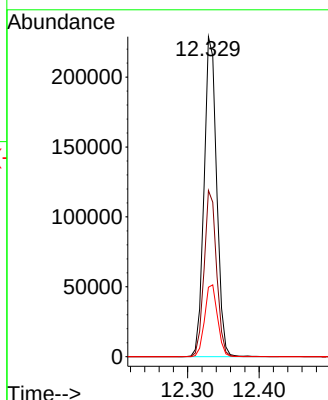
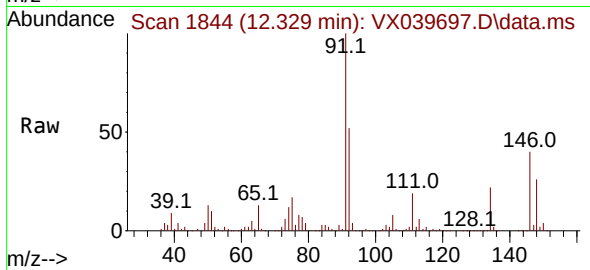
#89
n-Butylbenzene
Concen: 51.269 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 280280
Ion Ratio Lower Upper
91 100
92 51.4 27.4 82.0
134 23.0 12.6 37.8

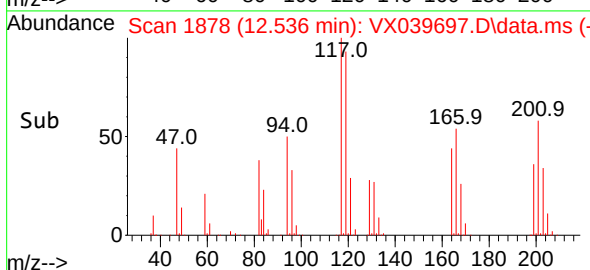
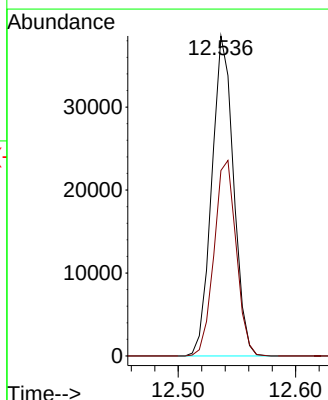
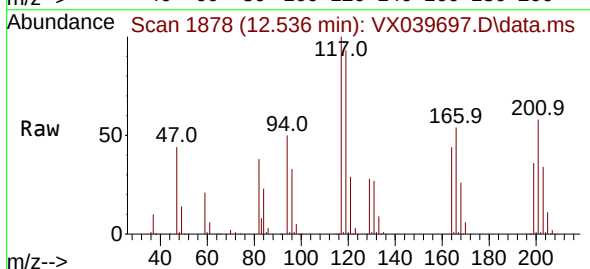
Manual Integrations
APPROVED

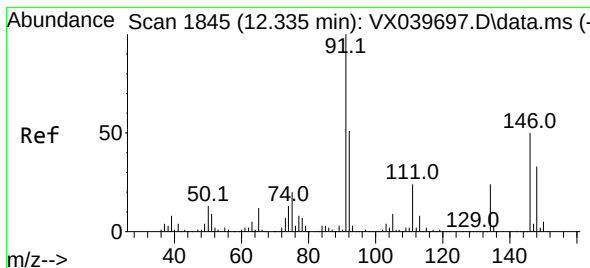
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#90
Hexachloroethane
Concen: 52.164 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

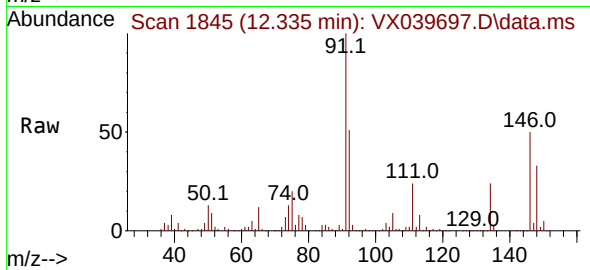
Tgt Ion:117 Resp: 49810
Ion Ratio Lower Upper
117 100
201 62.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 47.674 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58

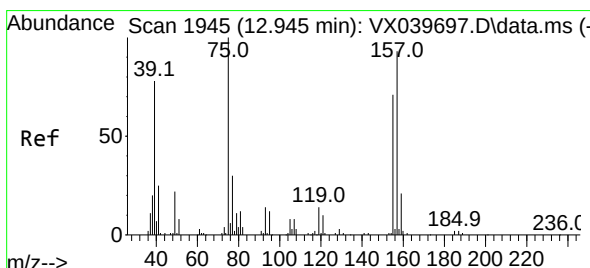
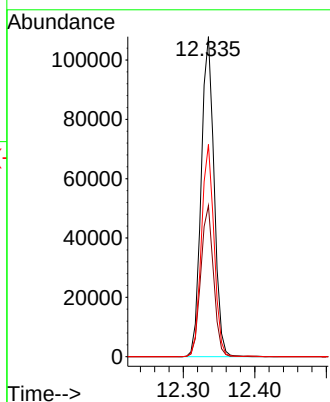
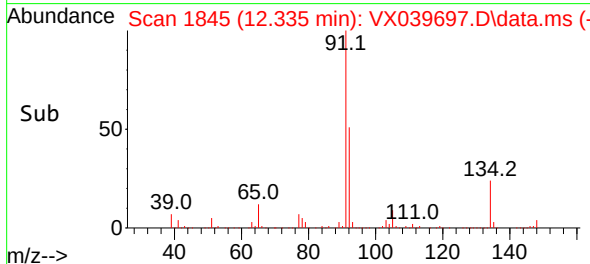
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



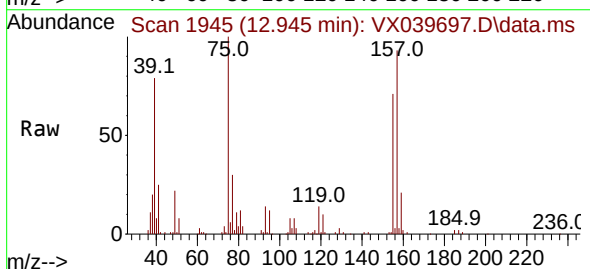
Tgt Ion:146 Resp: 135340
Ion Ratio Lower Upper
146 100
111 46.6 22.4 67.0
148 64.8 31.6 95.0

Manual Integrations
APPROVED

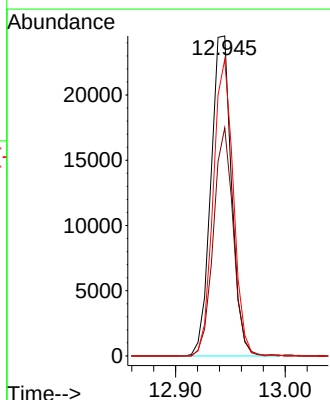
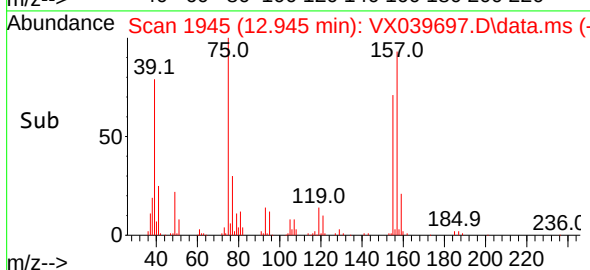
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

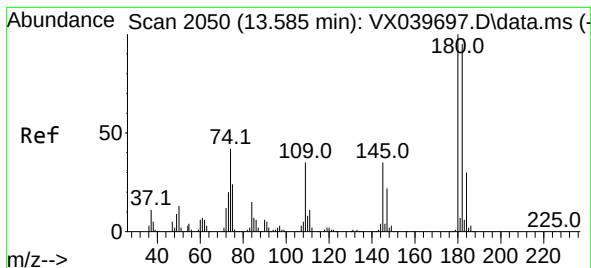


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.200 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX039697.D
Acq: 10 Jan 2024 11:58



Tgt Ion: 75 Resp: 32234
Ion Ratio Lower Upper
75 100
155 68.2 36.1 108.5
157 90.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.614 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

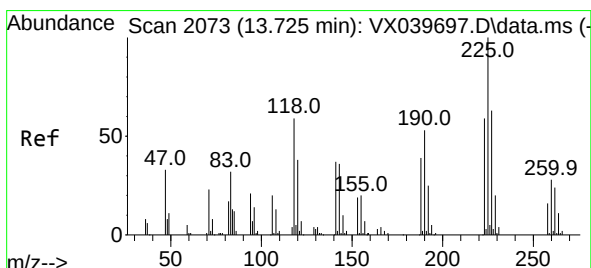
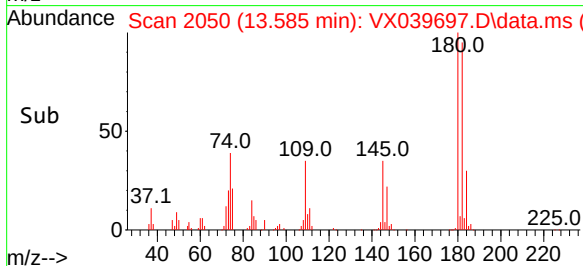
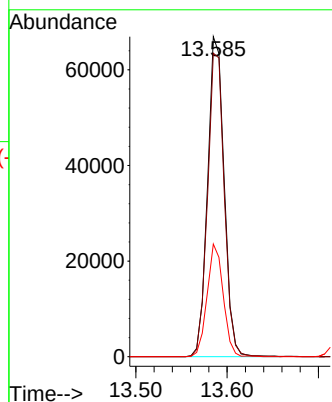
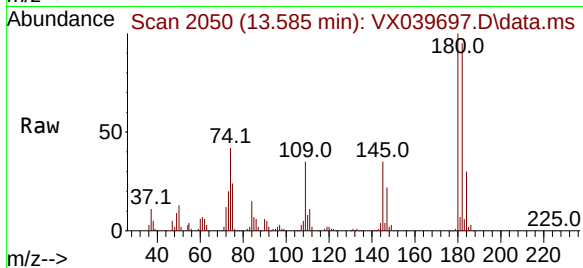
Tgt Ion:	180	Resp:	8434
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.3	144.8
145	34.3	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#94

Hexachlorobutadiene

Concen: 49.877 ug/l

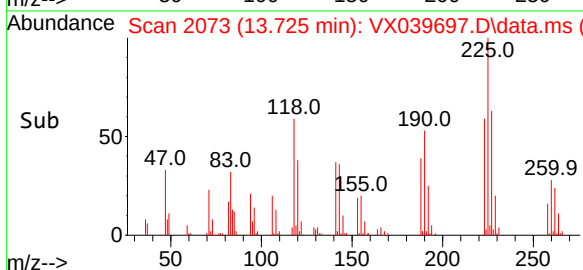
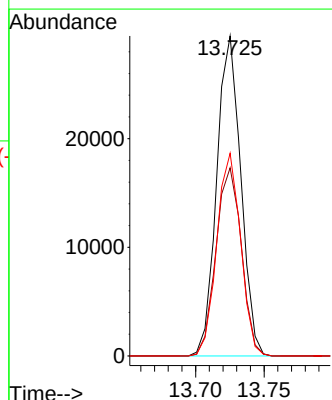
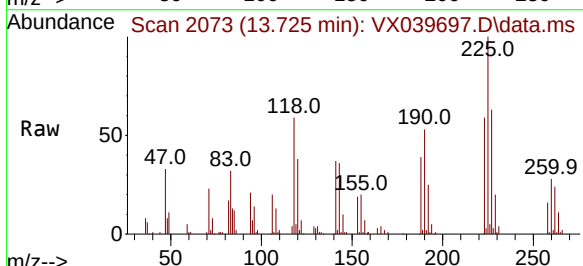
RT: 13.725 min Scan# 2073

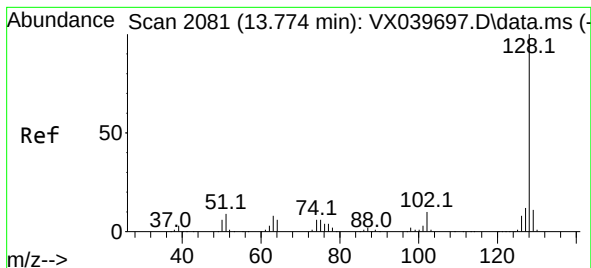
Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Tgt Ion:	225	Resp:	35972
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.1	93.2
227	62.7	32.5	97.5





#95

Naphthalene

Concen: 49.416 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 315619

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

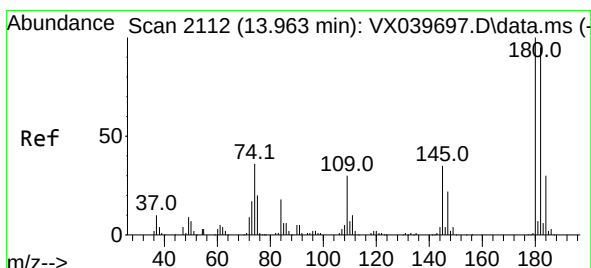
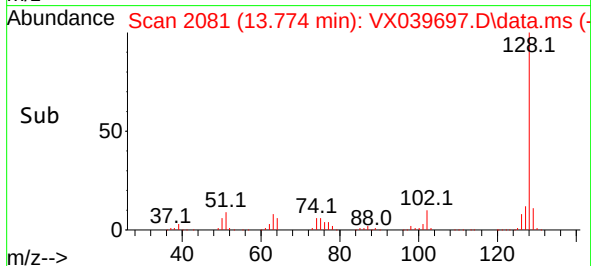
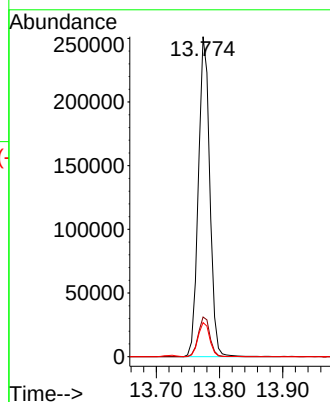
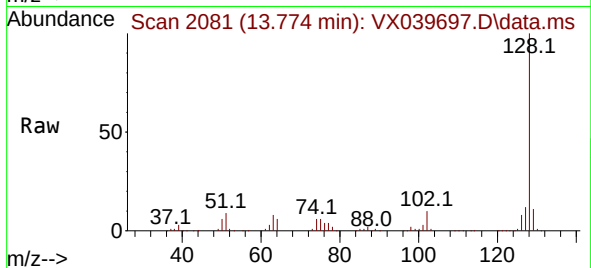
129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.395 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039697.D

Acq: 10 Jan 2024 11:58

Tgt Ion:180 Resp: 84740

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.6

145 35.7 17.8 53.5

