

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039894.D
 Acq On : 22 Jan 2024 19:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2024
 Supervised By : Mahesh Dadoda 01/23/2024

Quant Time: Jan 23 00:21:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	75340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63340	50.188	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.380%			
35) Dibromofluoromethane	5.385	113	47516	52.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	8.647	98	173483	50.808	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.620%			
62) 4-Bromofluorobenzene	11.079	95	72343	54.181	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44779	45.938	ug/l	98
3) Chloromethane	1.294	50	49200	44.196	ug/l	99
4) Vinyl Chloride	1.374	62	50333	47.909	ug/l	99
5) Bromomethane	1.599	94	32227	53.761	ug/l	97
6) Chloroethane	1.679	64	32271	54.033	ug/l	98
7) Trichlorofluoromethane	1.886	101	83435	55.053	ug/l	97
8) Diethyl Ether	2.130	74	29697	53.024	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	50799	54.066	ug/l	97
10) Methyl Iodide	2.453	142	54249	54.730	ug/l	95
11) Tert butyl alcohol	2.959	59	90446	275.310	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	48460	53.442	ug/l	94
13) Acrolein	2.233	56	56473	281.396	ug/l	100
14) Allyl chloride	2.660	41	90625	50.779	ug/l	99
15) Acrylonitrile	3.062	53	180675	266.241	ug/l	98
16) Acetone	2.374	43	163113	229.811	ug/l	93
17) Carbon Disulfide	2.514	76	131630	50.505	ug/l	100
18) Methyl Acetate	2.697	43	84942	57.203	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	173199	53.802	ug/l	99
20) Methylene Chloride	2.788	84	55959	52.123	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	52162	54.663	ug/l	97
22) Diisopropyl ether	3.757	45	181434	53.271	ug/l	100
23) Vinyl Acetate	3.721	43	855734	270.296	ug/l	100
24) 1,1-Dichloroethane	3.605	63	101245	54.035	ug/l	99
25) 2-Butanone	4.550	43	263422	258.260	ug/l	99
26) 2,2-Dichloropropane	4.477	77	72050	47.912	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	60901	55.645	ug/l	96
28) Bromochloromethane	4.897	49	43871	51.654	ug/l	96
29) Tetrahydrofuran	5.001	42	174121	265.222	ug/l	99
30) Chloroform	5.093	83	106383	57.515	ug/l	100
31) Cyclohexane	5.471	56	84622	50.805	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	87523	55.271	ug/l	97
36) 1,1-Dichloropropene	5.690	75	74465	52.843	ug/l	100
37) Ethyl Acetate	4.708	43	98119	52.193	ug/l	99
38) Carbon Tetrachloride	5.678	117	73125	56.658	ug/l	99
39) Methylcyclohexane	7.379	83	86053	50.854	ug/l	99
40) Benzene	6.037	78	217032	54.391	ug/l	95

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 Quant Title : SW846 8260
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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	51223	55.719	ug/l	94
42) 1,2-Dichloroethane	6.086	62	86904	57.286	ug/l	99
43) Isopropyl Acetate	6.336	43	152146	55.170	ug/l	98
44) Trichloroethene	7.123	130	54374	55.602	ug/l	97
45) 1,2-Dichloropropane	7.427	63	58011	54.195	ug/l	98
46) Dibromomethane	7.580	93	42174	57.043	ug/l	97
47) Bromodichloromethane	7.818	83	80710	58.943	ug/l	95
48) Methyl methacrylate	7.690	41	74149	54.701	ug/l	94
49) 1,4-Dioxane	7.653	88	27813	1060.383	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	526298	277.100	ug/l	97
52) Toluene	8.720	92	134805	56.561	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	83516	57.479	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	90518	56.656	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	56200	55.385	ug/l	93
56) Ethyl methacrylate	9.116	69	92362	56.239	ug/l	95
57) 1,3-Dichloropropane	9.305	76	96546	56.144	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	197986	255.046	ug/l	96
59) 2-Hexanone	9.427	43	424977	282.715	ug/l	97
60) Dibromochloromethane	9.519	129	58042	60.654	ug/l	96
61) 1,2-Dibromoethane	9.610	107	62023	59.024	ug/l	98
64) Tetrachloroethene	9.275	164	46108	55.441	ug/l	98
65) Chlorobenzene	10.079	112	144036	54.075	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	52135	57.482	ug/l	99
67) Ethyl Benzene	10.189	91	269473	54.492	ug/l	97
68) m/p-Xylenes	10.299	106	199013	109.428	ug/l	94
69) o-Xylene	10.640	106	96809	53.751	ug/l	94
70) Styrene	10.653	104	164036	55.754	ug/l	97
71) Bromoform	10.799	173	41144	60.414	ug/l #	100
73) Isopropylbenzene	10.963	105	264659	49.900	ug/l	100
74) N-amyl acetate	10.842	43	139217	50.356	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	99421	49.090	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	84825m	49.114	ug/l	
77) Bromobenzene	11.195	156	58647	49.662	ug/l	94
78) n-propylbenzene	11.305	91	326952	50.932	ug/l	97
79) 2-Chlorotoluene	11.366	91	191887	48.364	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	228994	50.836	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	26467	46.152	ug/l	98
82) 4-Chlorotoluene	11.451	91	226620	50.356	ug/l	99
83) tert-Butylbenzene	11.713	119	217762	50.635	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	229139	50.987	ug/l	99
85) sec-Butylbenzene	11.890	105	290580	52.051	ug/l	98
86) p-Isopropyltoluene	12.006	119	236792	53.071	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	114427	50.549	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	118026	50.482	ug/l	99
89) n-Butylbenzene	12.329	91	229161	53.177	ug/l	96
90) Hexachloroethane	12.536	117	40493	53.796	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	114752	51.276	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26236	52.865	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	71240	52.090	ug/l	98
94) Hexachlorobutadiene	13.725	225	29445	51.793	ug/l	97
95) Naphthalene	13.774	128	249021	49.461	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	69164	50.109	ug/l	99

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ClientSampleId :
VSTDCCC050EC

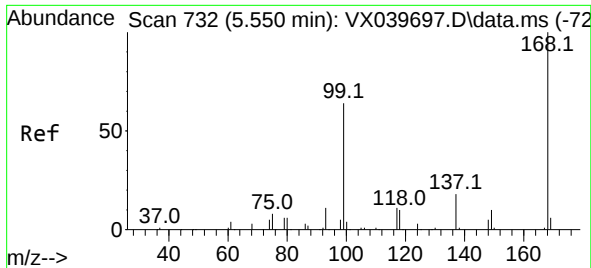
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

Quant Time: Jan 23 00:21:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

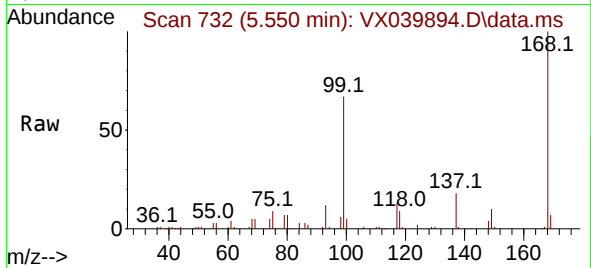
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039894.D
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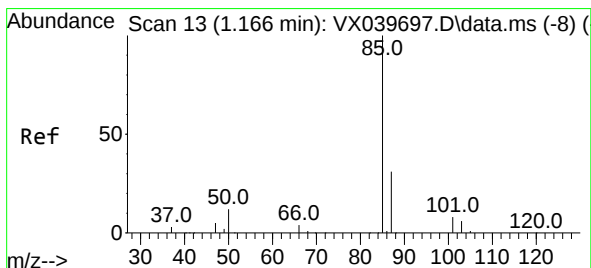
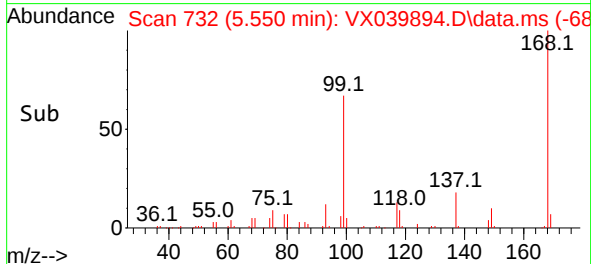
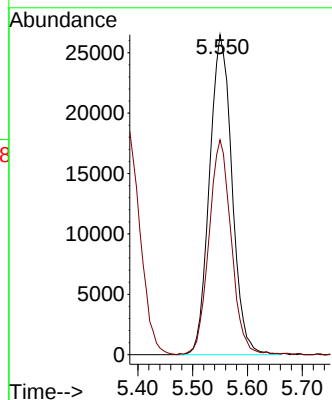
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 75340
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0

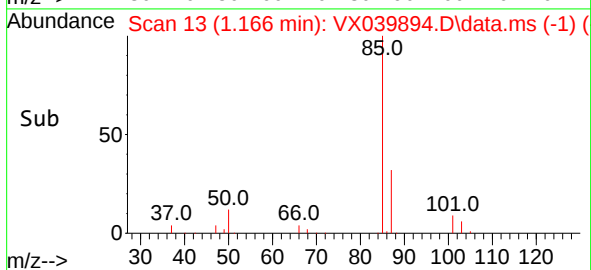
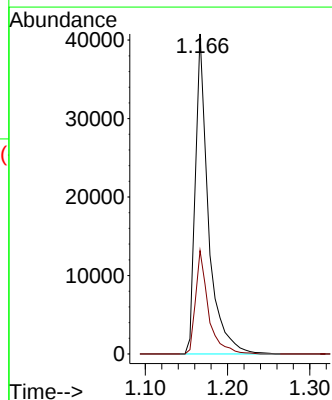
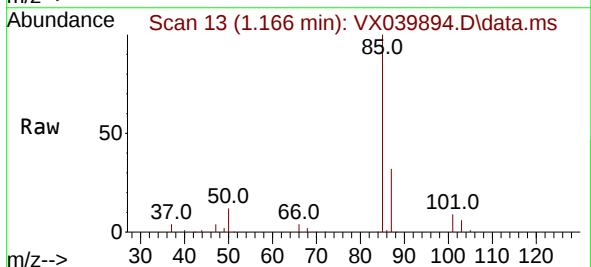
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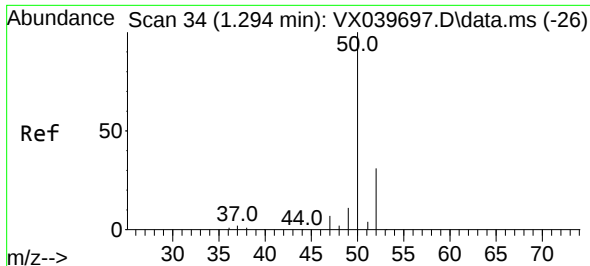
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#2
Dichlorodifluoromethane
Concen: 45.938 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 85 Resp: 44779
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





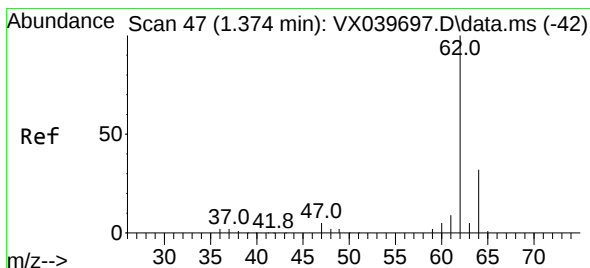
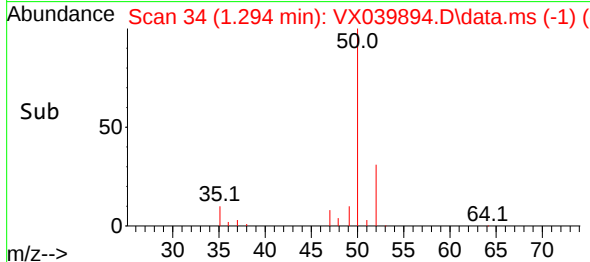
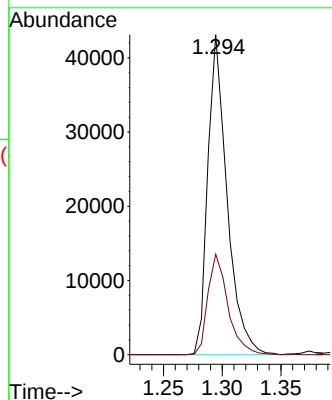
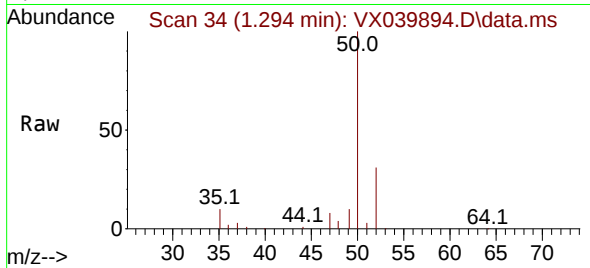
#3
Chloromethane
Concen: 44.196 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 49200
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3

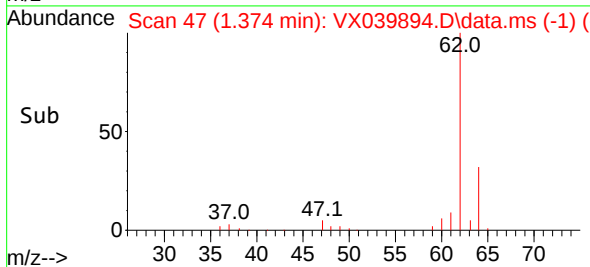
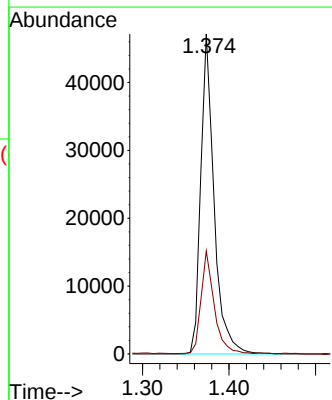
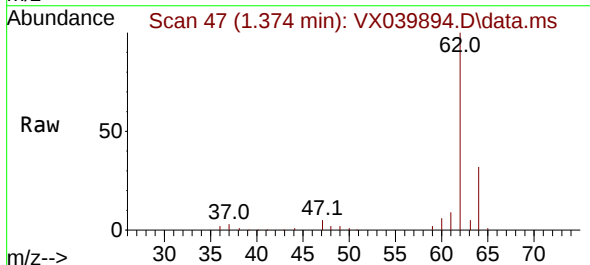
Manual Integrations
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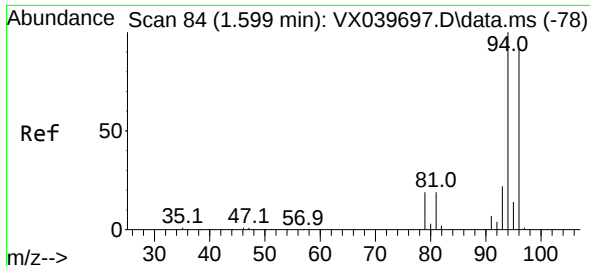
Reviewed By :John Carlone 01/23/2024
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#4
Vinyl Chloride
Concen: 47.909 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

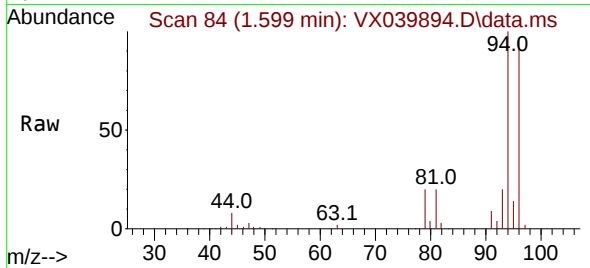
Tgt Ion: 62 Resp: 50333
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 53.761 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

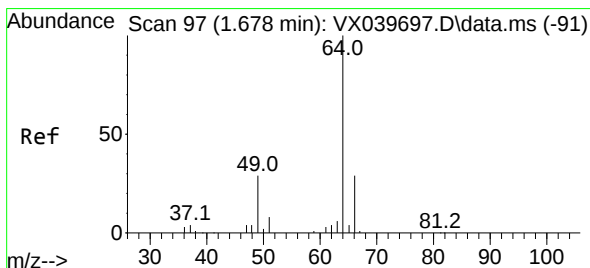
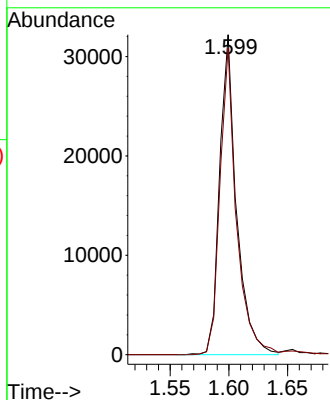
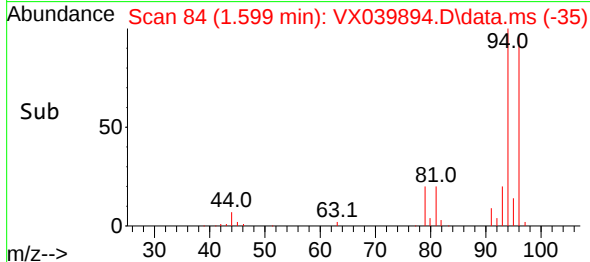
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 32227
Ion Ratio Lower Upper
94 100
96 95.9 74.6 111.8

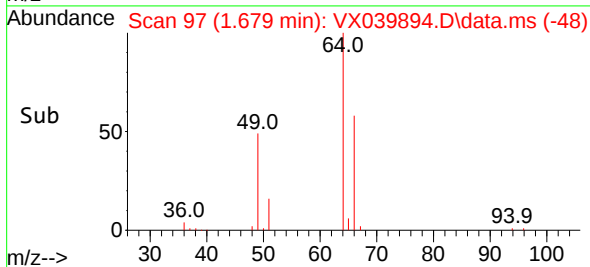
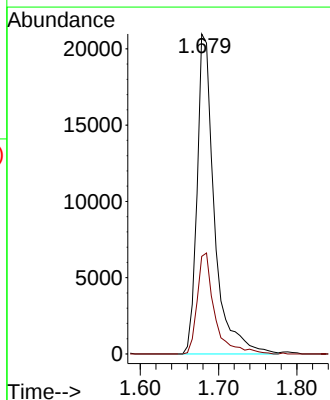
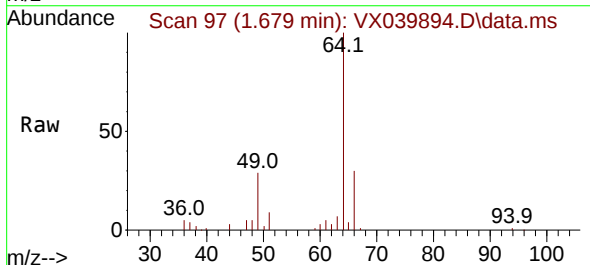
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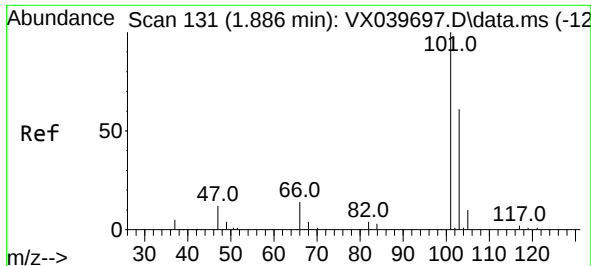
Reviewed By :John Carlone 01/23/2024
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#6
Chloroethane
Concen: 54.033 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 64 Resp: 32271
Ion Ratio Lower Upper
64 100
66 30.5 25.1 37.7





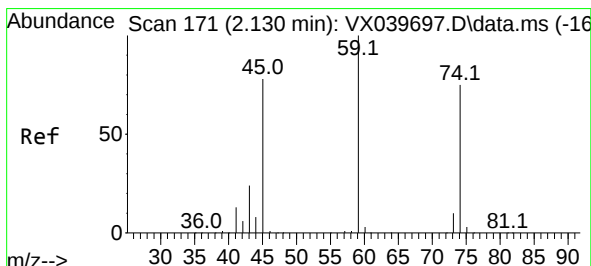
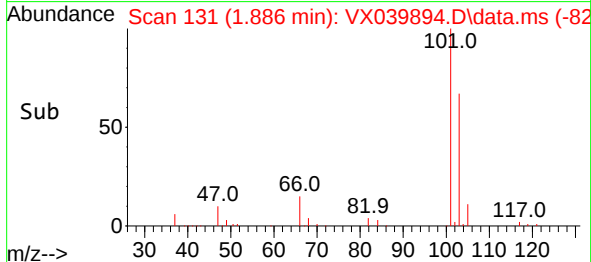
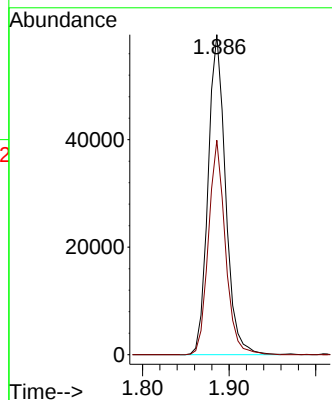
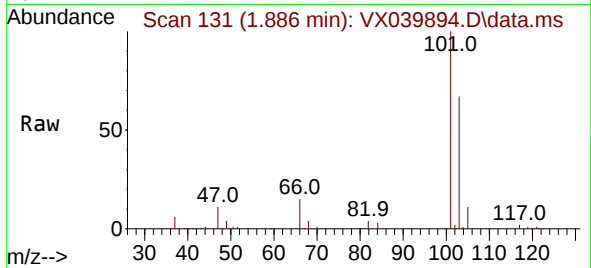
#7
Trichlorofluoromethane
Concen: 55.053 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8343
Ion Ratio Lower Upper
101 100
103 67.0 51.4 77.2

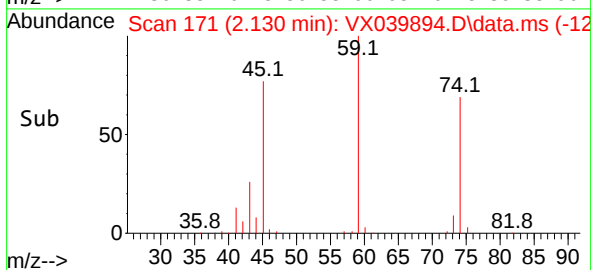
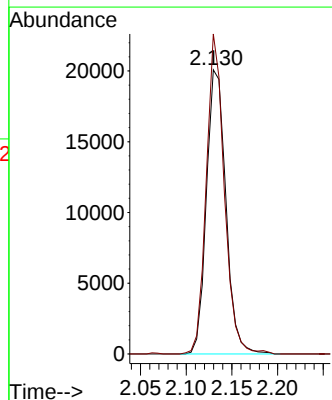
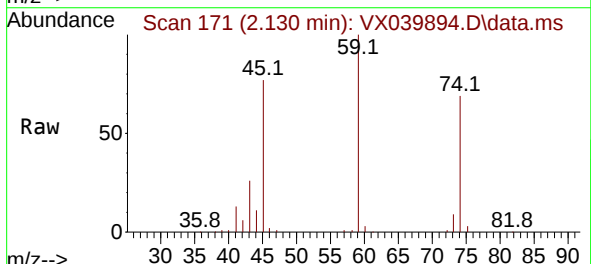
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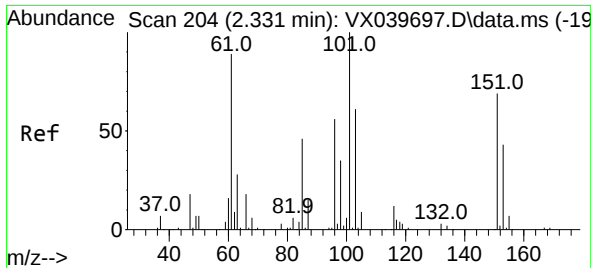
Reviewed By :John Carbone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#8
Diethyl Ether
Concen: 53.024 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 74 Resp: 29697
Ion Ratio Lower Upper
74 100
45 104.3 53.3 159.8





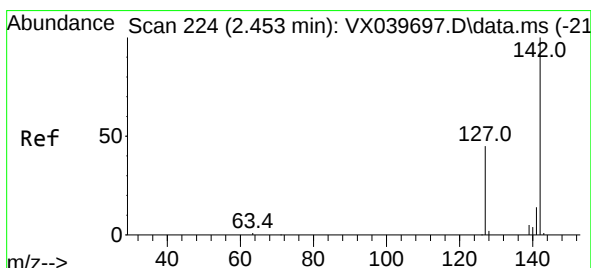
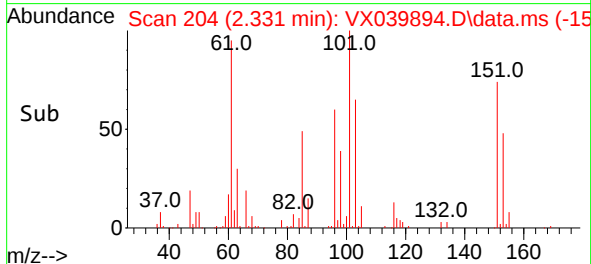
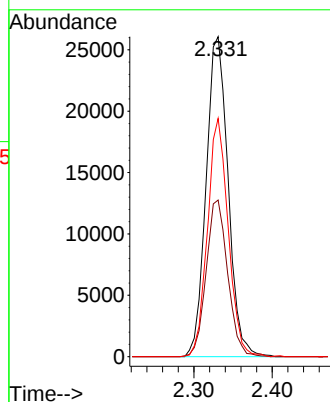
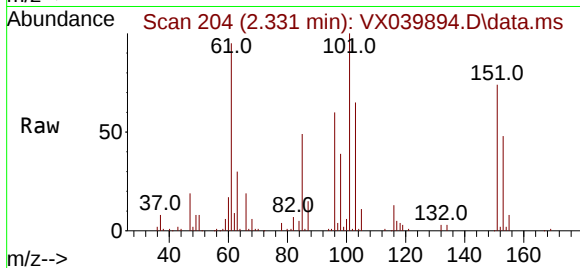
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.066 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 50799
Ion Ratio Lower Upper
101 100
85 48.0 37.0 55.6
151 70.3 58.6 87.8

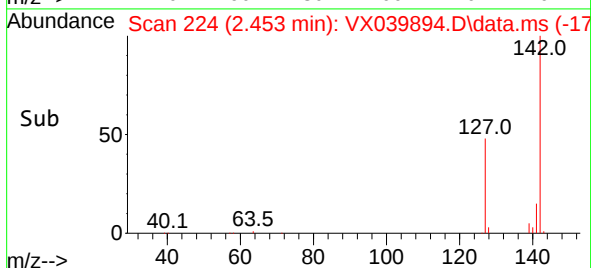
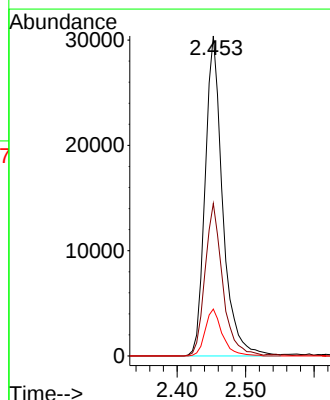
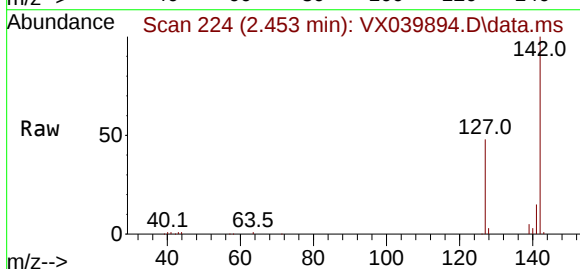
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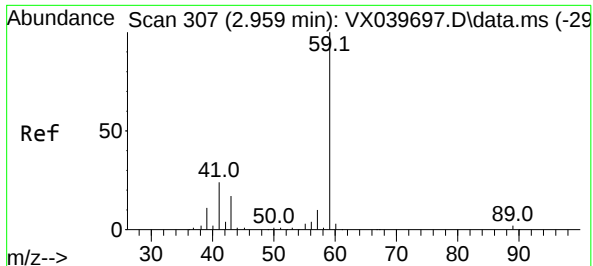
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#10
Methyl Iodide
Concen: 54.730 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:142 Resp: 54249
Ion Ratio Lower Upper
142 100
127 47.9 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 275.310 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 90440

Ion Ratio Lower Upper

59 100

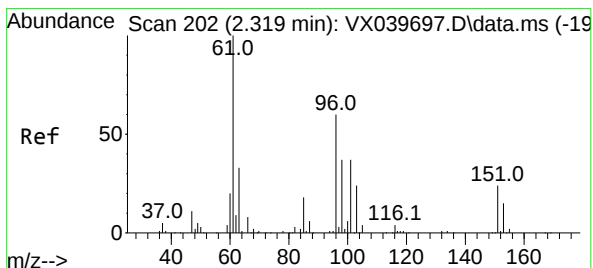
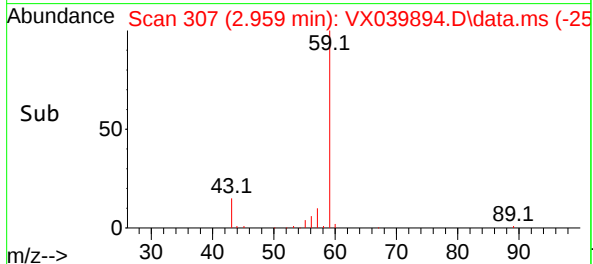
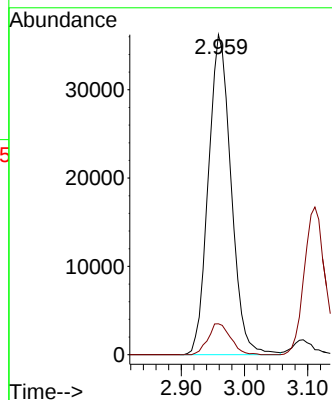
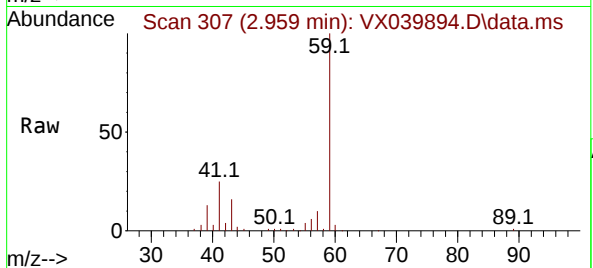
57 9.6 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#12

1,1-Dichloroethene

Concen: 53.442 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

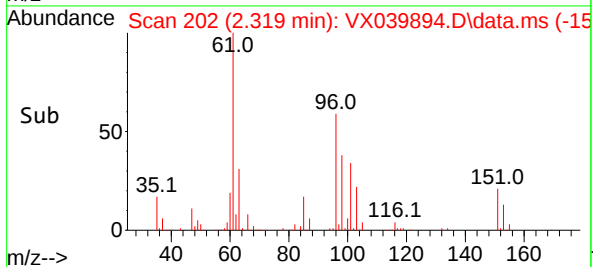
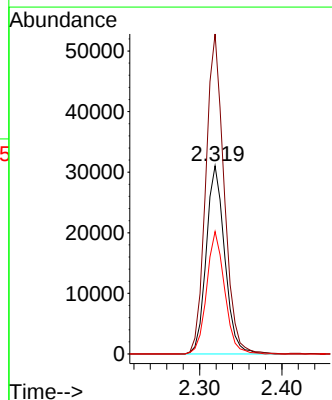
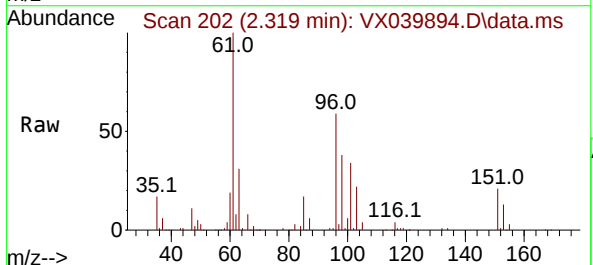
Tgt Ion: 96 Resp: 48460

Ion Ratio Lower Upper

96 100

61 170.1 144.6 216.8

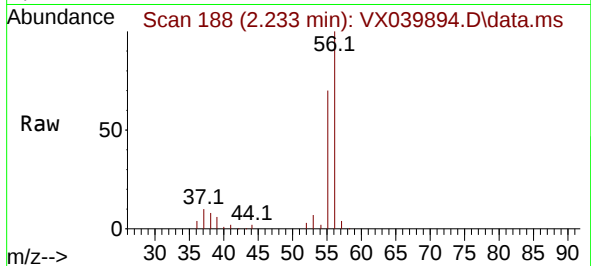
98 65.0 50.4 75.6





#13
Acrolein
Concen: 281.396 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

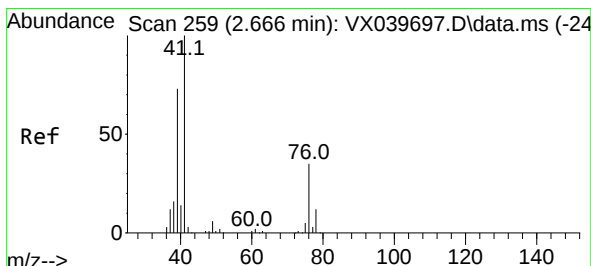
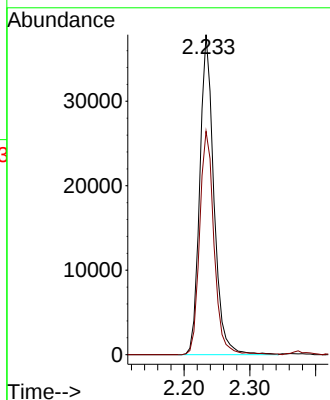
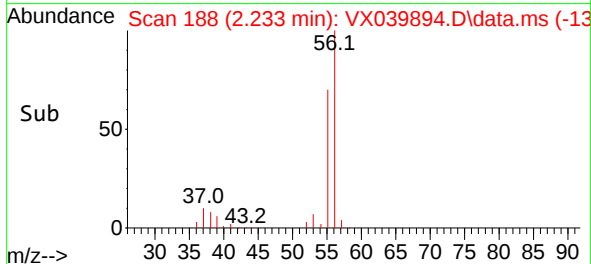
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



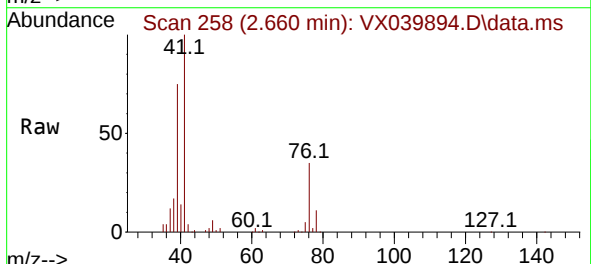
Tgt Ion: 56 Resp: 5647
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7

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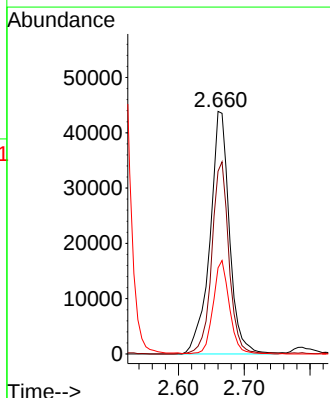
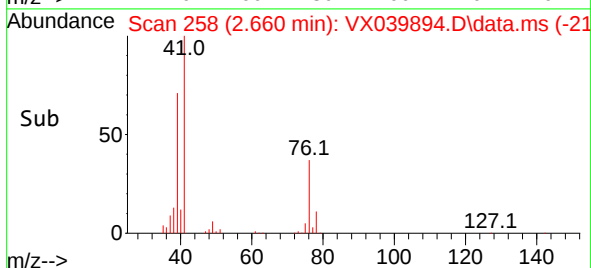
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#14
Allyl chloride
Concen: 50.779 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09



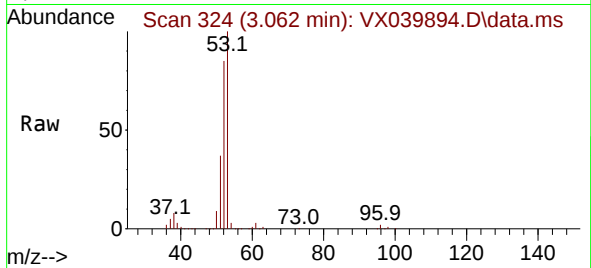
Tgt Ion: 41 Resp: 90625
Ion Ratio Lower Upper
41 100
39 69.6 55.8 83.6
76 32.0 24.3 36.5





#15
Acrylonitrile
Concen: 266.241 ug/l
RT: 3.062 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

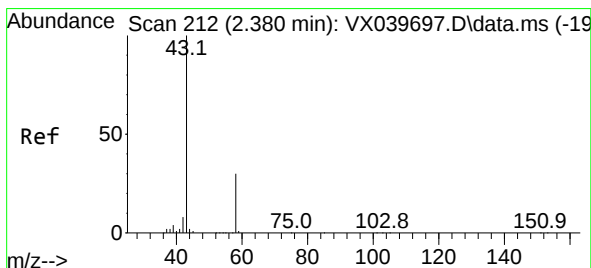
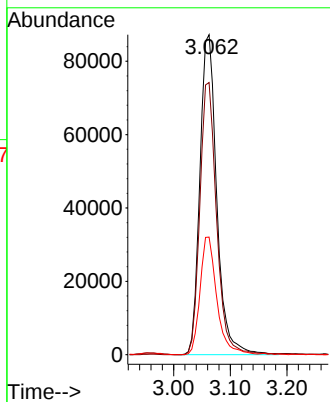
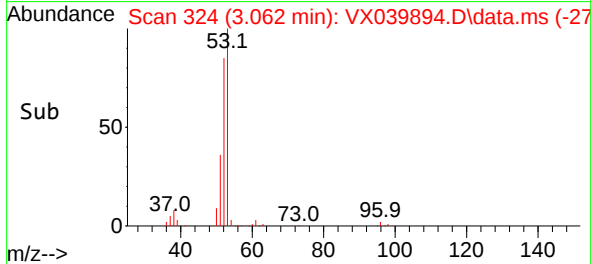
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 180679
Ion Ratio Lower Upper
53 100
52 84.1 66.0 99.0
51 36.6 29.8 44.6

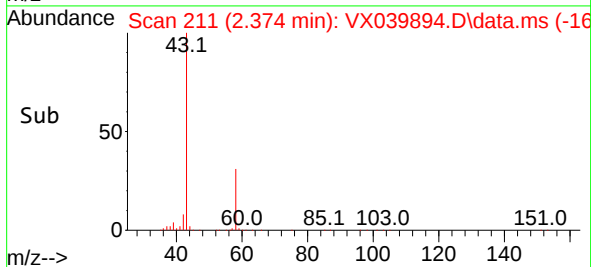
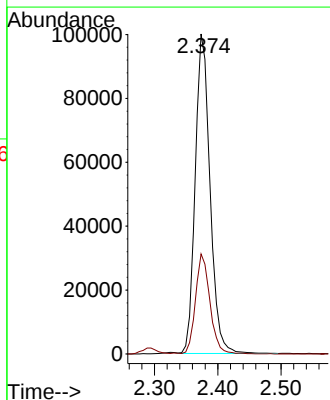
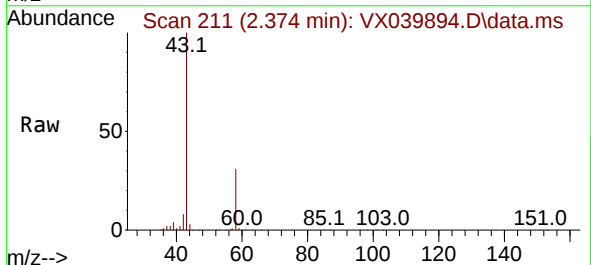
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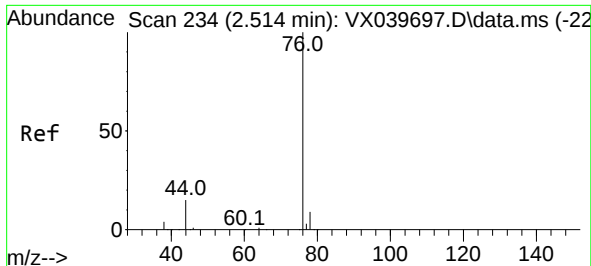
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#16
Acetone
Concen: 229.811 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 43 Resp: 163113
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





#17

Carbon Disulfide

Concen: 50.505 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 131630

Ion Ratio Lower Upper

76 100

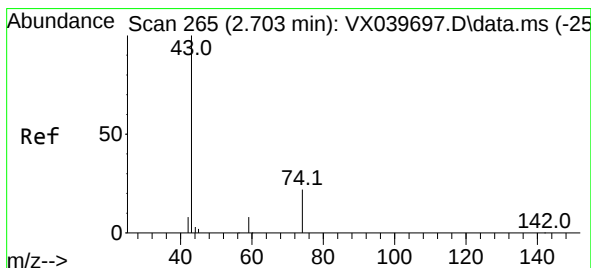
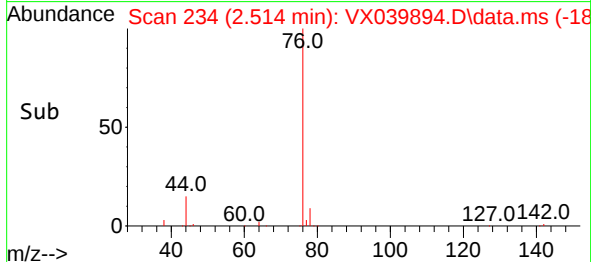
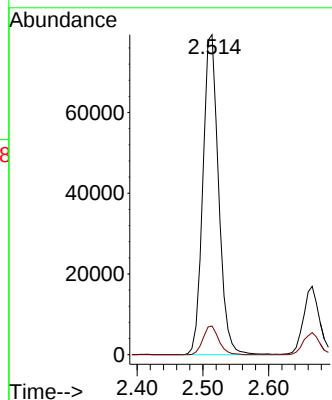
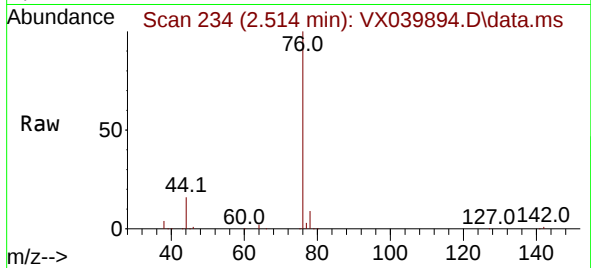
78 9.0 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#18

Methyl Acetate

Concen: 57.203 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX039894.D

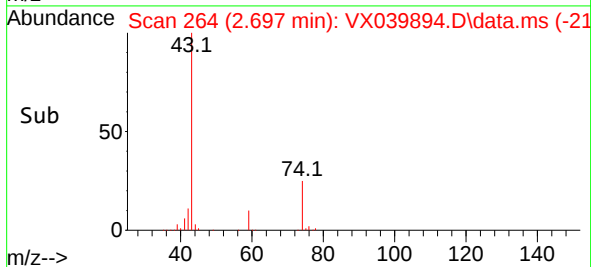
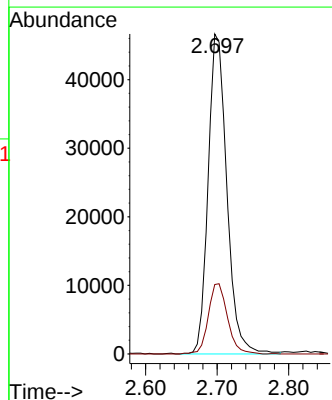
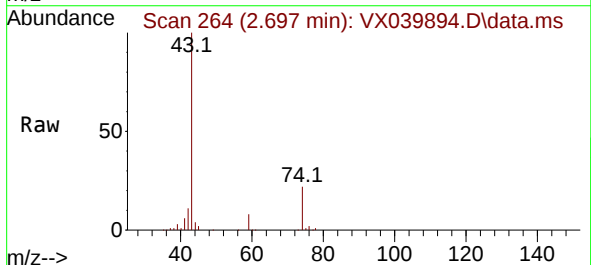
Acq: 22 Jan 2024 19:09

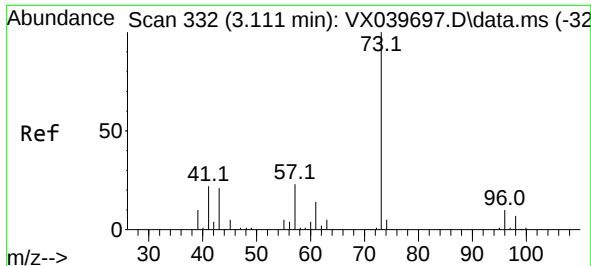
Tgt Ion: 43 Resp: 84942

Ion Ratio Lower Upper

43 100

74 22.5 17.8 26.8





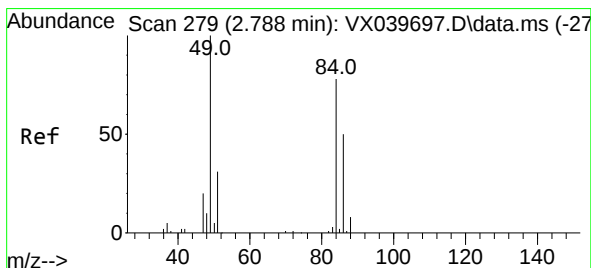
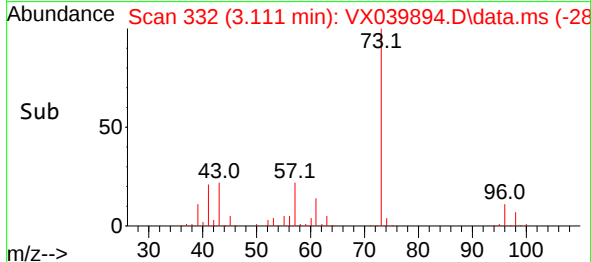
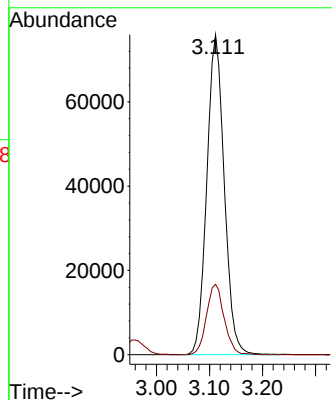
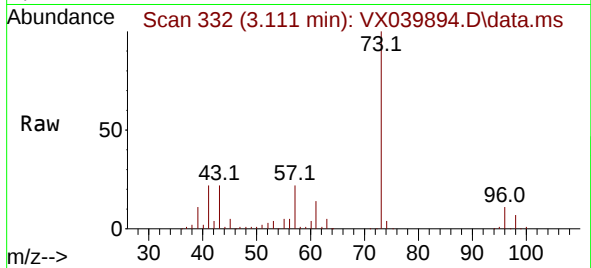
#19
Methyl tert-butyl Ether
Concen: 53.802 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 173199
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

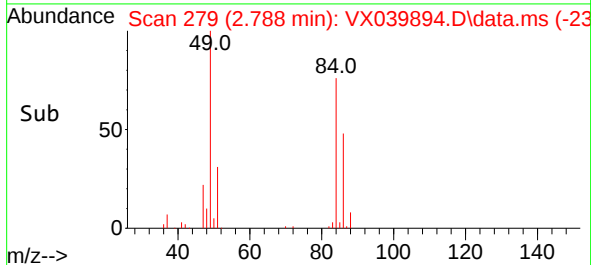
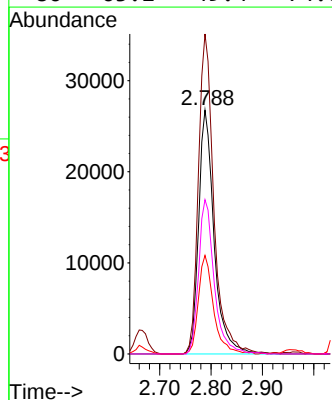
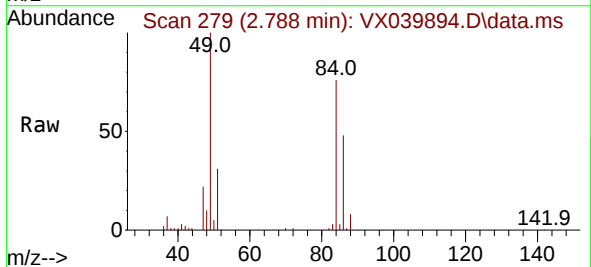
Manual Integrations
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Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#20
Methylene Chloride
Concen: 52.123 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

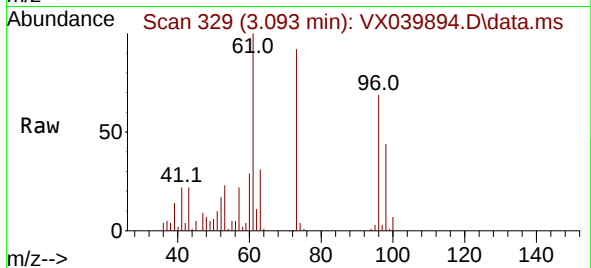
Tgt Ion: 84 Resp: 55959
Ion Ratio Lower Upper
84 100
49 131.2 103.6 155.4
51 40.4 33.8 50.6
86 63.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 54.663 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

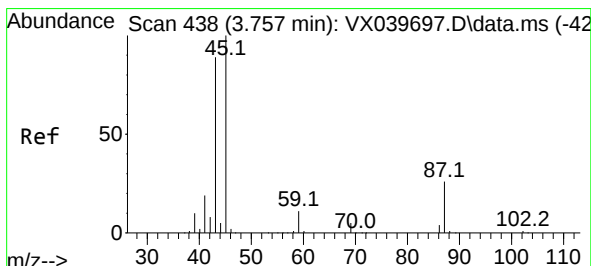
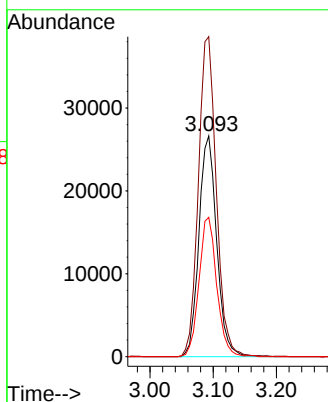
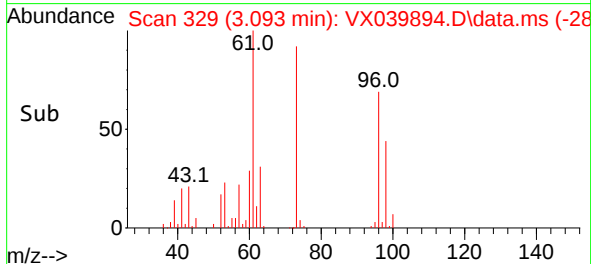
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



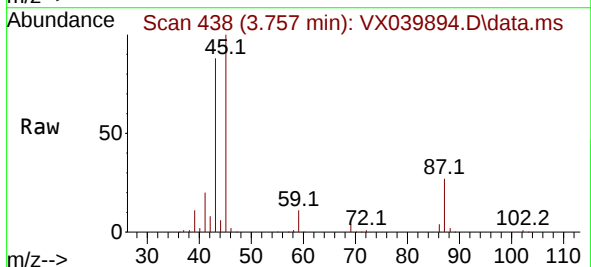
Tgt Ion: 96 Resp: 5216
Ion Ratio Lower Upper
96 100
61 145.0 119.2 178.8
98 63.1 48.7 73.1

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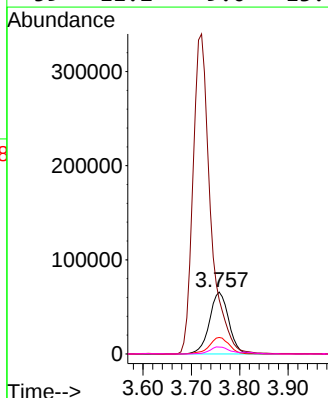
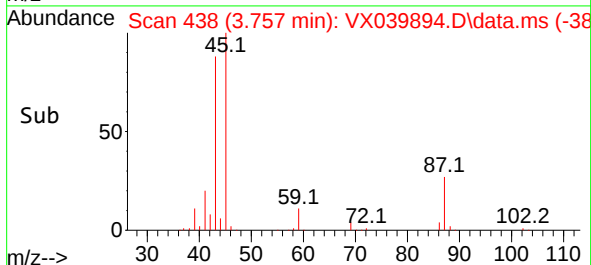
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

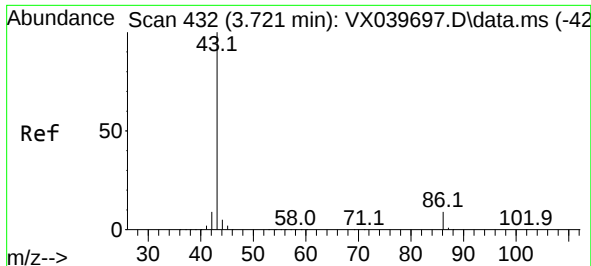


#22
Diisopropyl ether
Concen: 53.271 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09



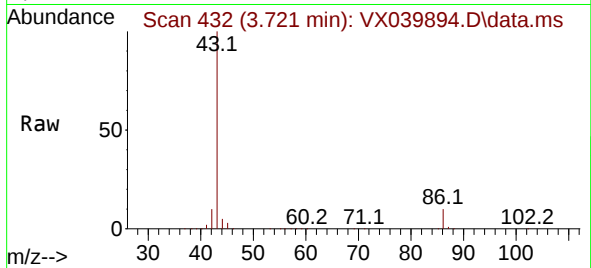
Tgt Ion: 45 Resp: 181434
Ion Ratio Lower Upper
45 100
43 87.3 69.7 104.5
87 26.7 20.8 31.2
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 270.296 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039894.D
 Acq: 22 Jan 2024 19:09

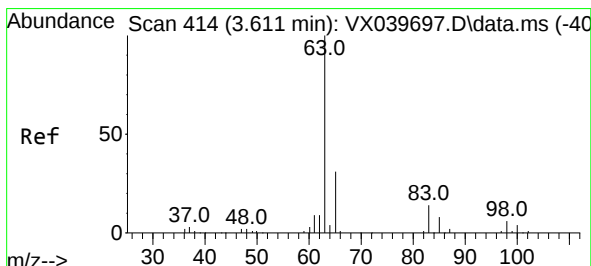
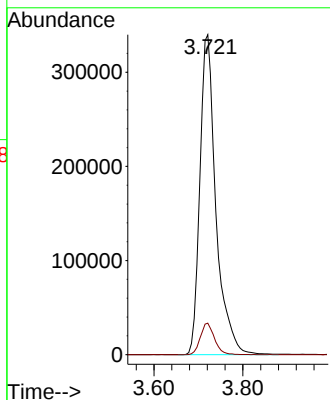
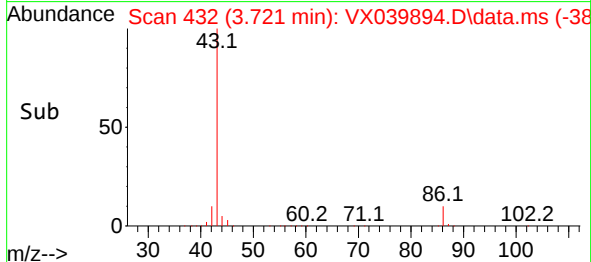
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



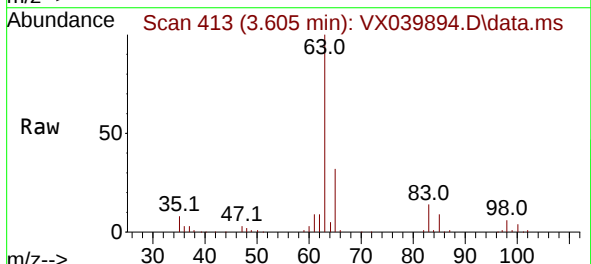
Tgt Ion: 43 Resp: 855734
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

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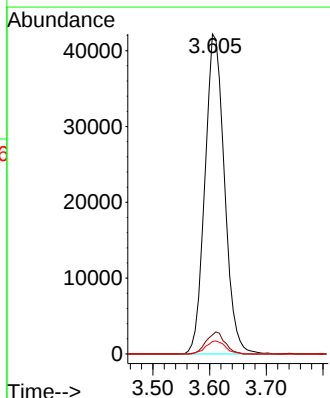
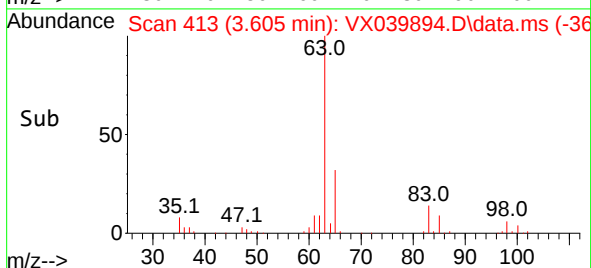
Reviewed By :John Carlone 01/23/2024
 Supervised By :Mahesh Dadoda 01/23/2024

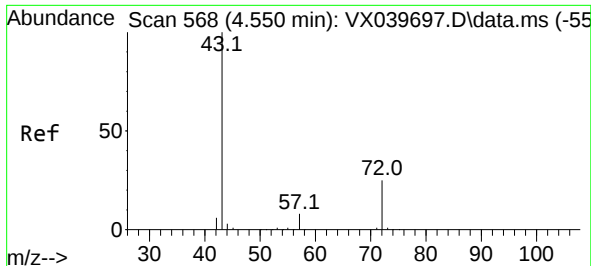


#24
 1,1-Dichloroethane
 Concen: 54.035 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039894.D
 Acq: 22 Jan 2024 19:09



Tgt Ion: 63 Resp: 101245
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 3.9 2.1 6.5





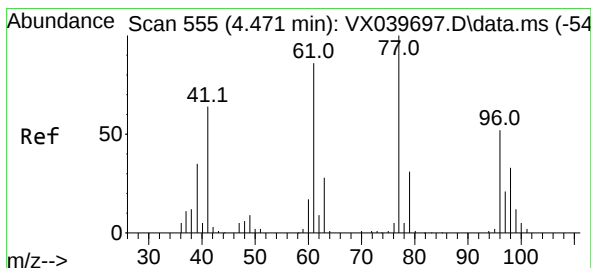
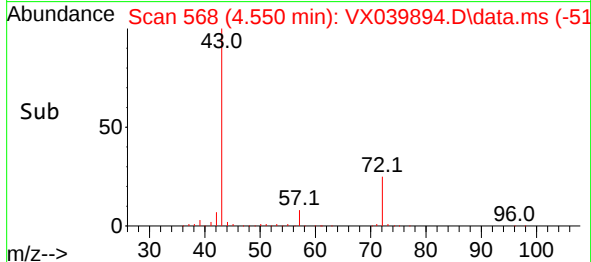
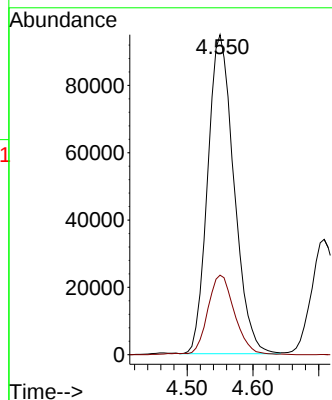
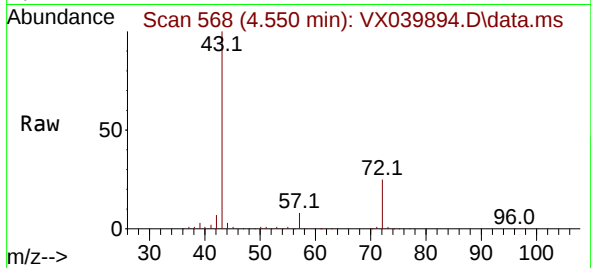
#25
2-Butanone
Concen: 258.260 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 26342
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

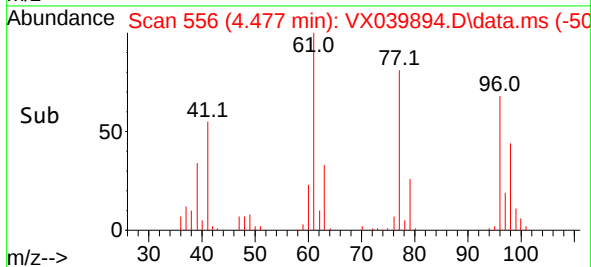
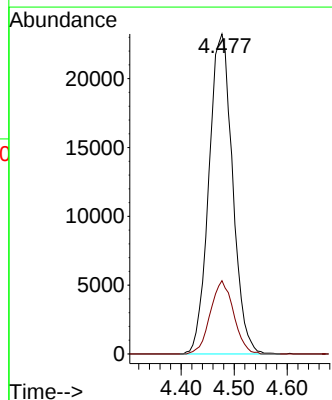
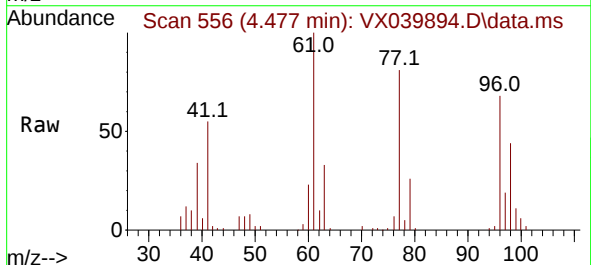
Manual Integrations
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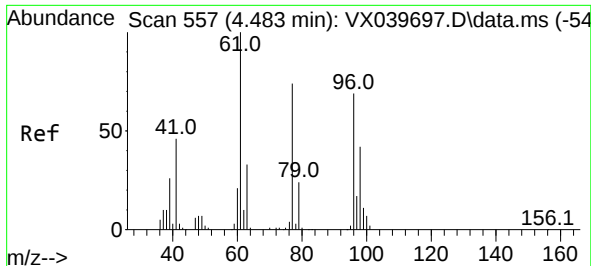
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#26
2,2-Dichloropropane
Concen: 47.912 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 77 Resp: 72050
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 55.645 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 6090

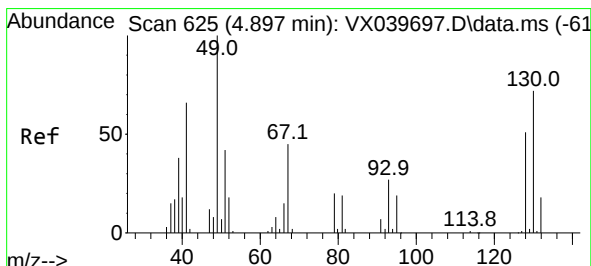
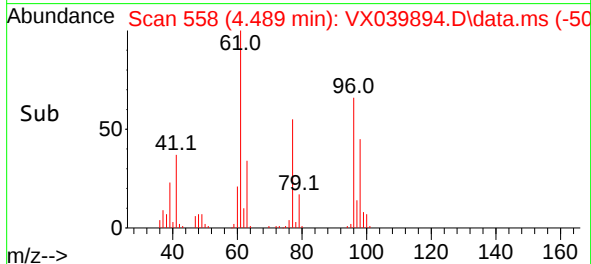
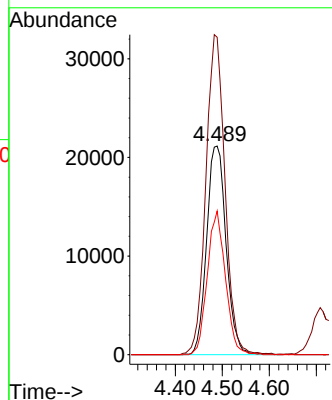
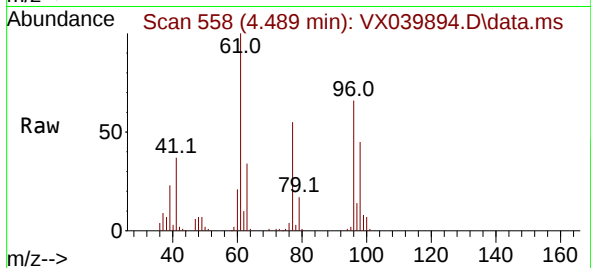
Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	312.2
98	64.0	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#28

Bromochloromethane

Concen: 51.654 ug/l

RT: 4.897 min Scan# 625

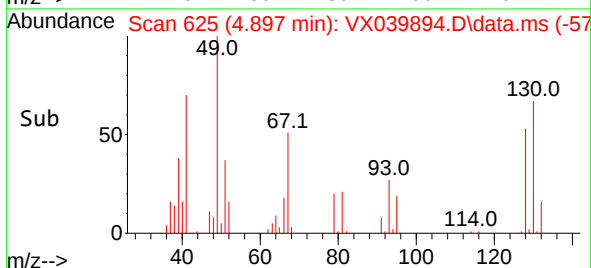
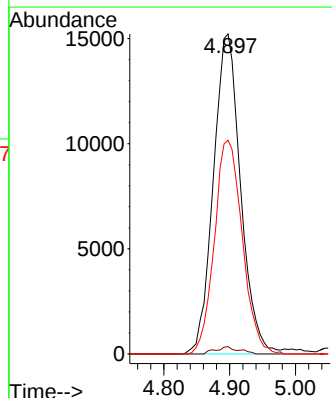
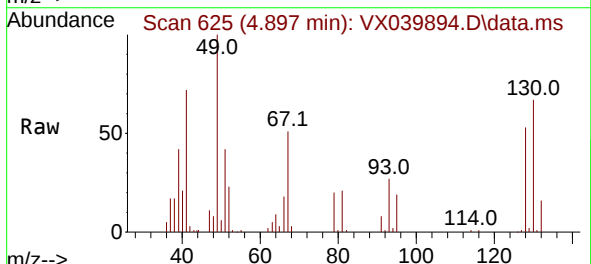
Delta R.T. 0.000 min

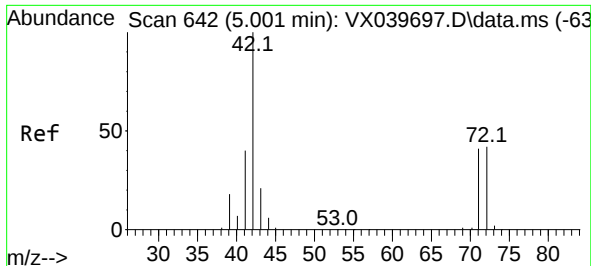
Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Tgt Ion: 49 Resp: 43871

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	68.5	57.5	86.3





#29

Tetrahydrofuran

Concen: 265.222 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 17412

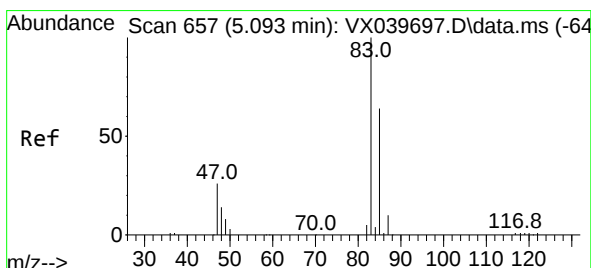
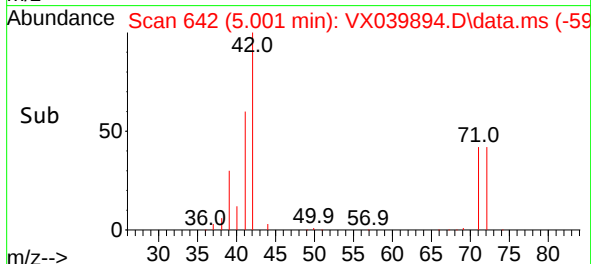
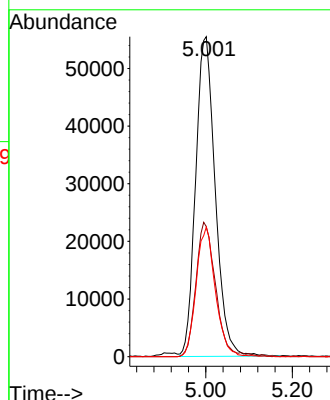
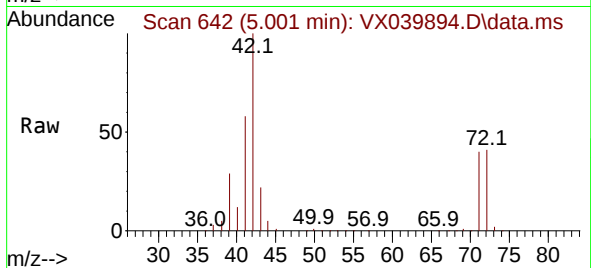
Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.2	51.4
71	39.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#30

Chloroform

Concen: 57.515 ug/l

RT: 5.093 min Scan# 657

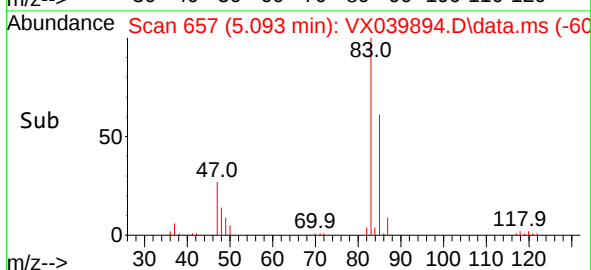
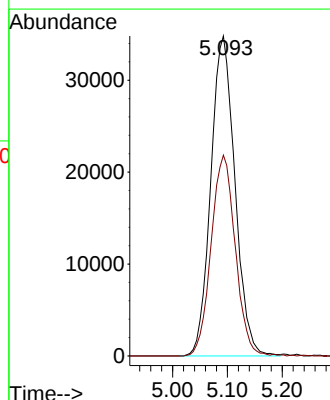
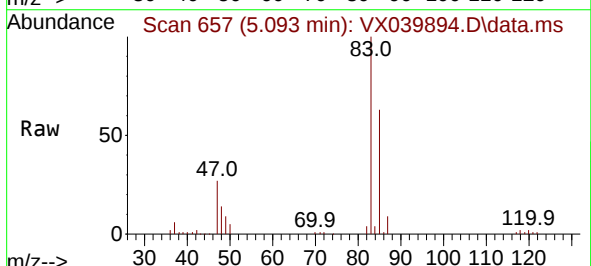
Delta R.T. 0.000 min

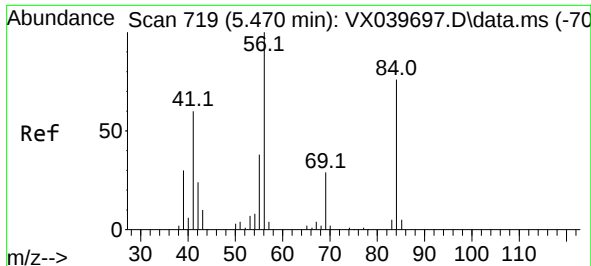
Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Tgt Ion: 83 Resp: 106383

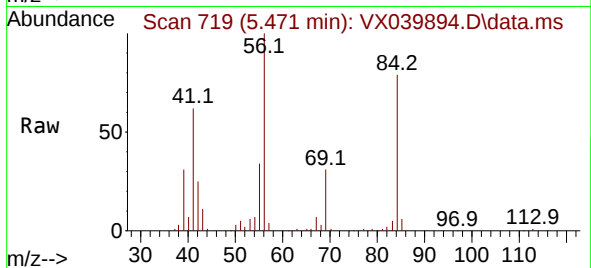
Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.3	75.5





#31
Cyclohexane
Concen: 50.805 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

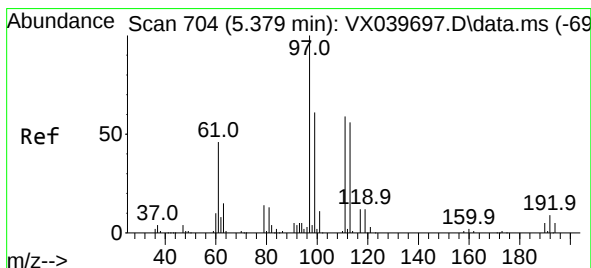
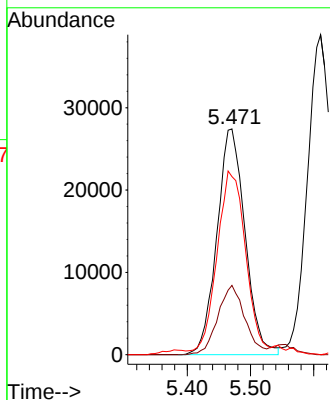
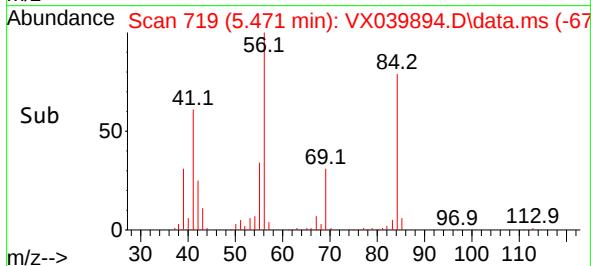
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



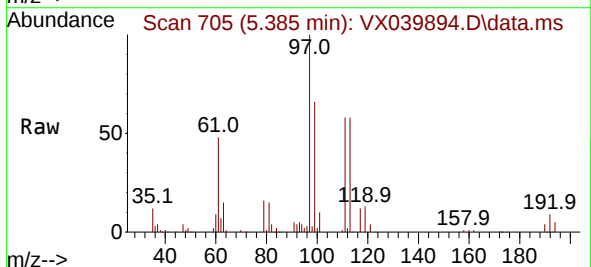
Tgt Ion: 56 Resp: 8462
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.2
84 76.9 65.9 98.9

Manual Integrations
APPROVED

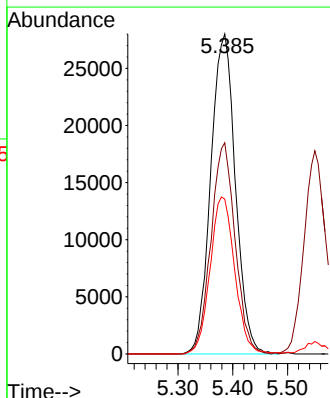
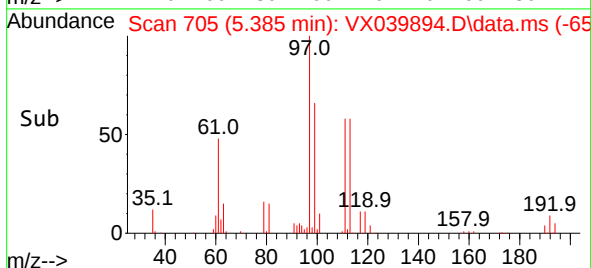
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

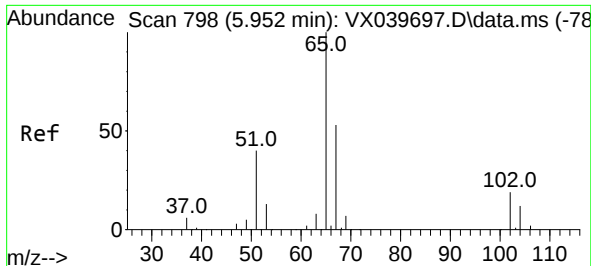


#32
1,1,1-Trichloroethane
Concen: 55.271 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09



Tgt Ion: 97 Resp: 87523
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 49.1 36.4 54.6





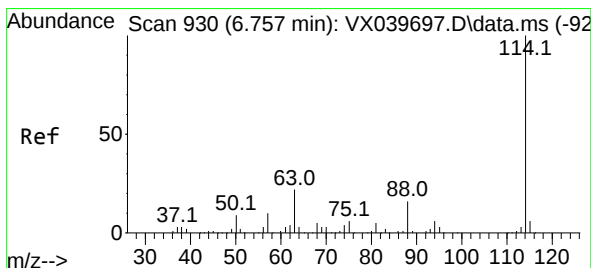
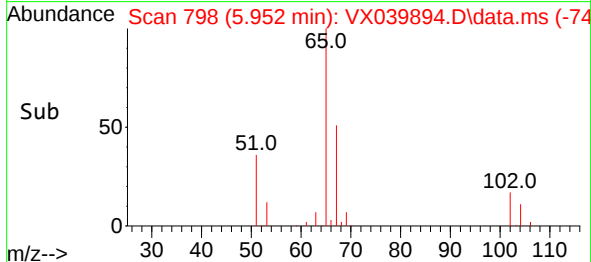
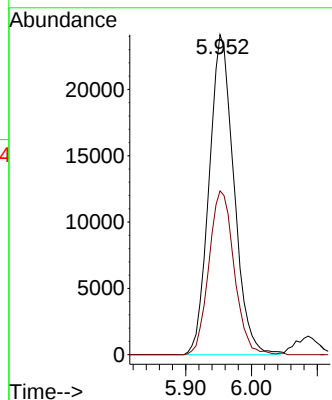
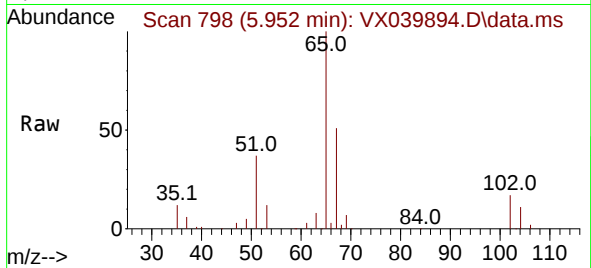
#33
1,2-Dichloroethane-d4
Concen: 50.188 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 63340
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

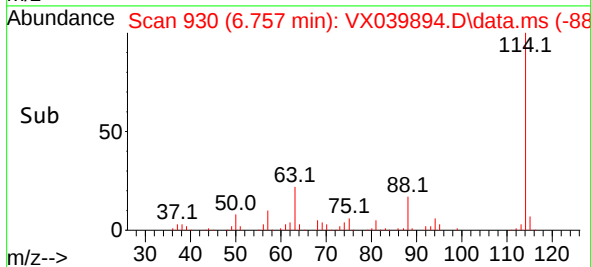
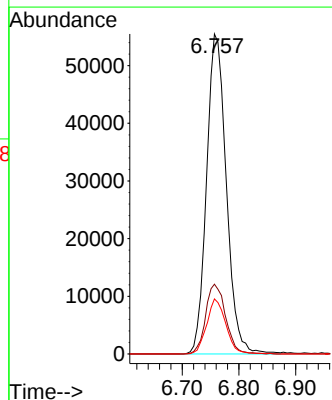
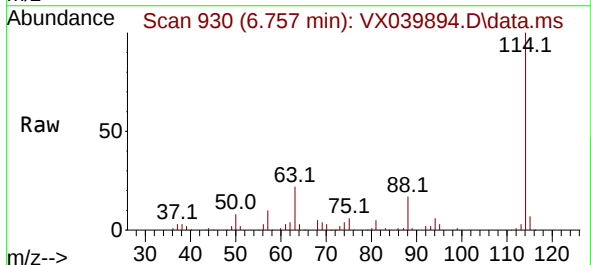
Manual Integrations
APPROVED

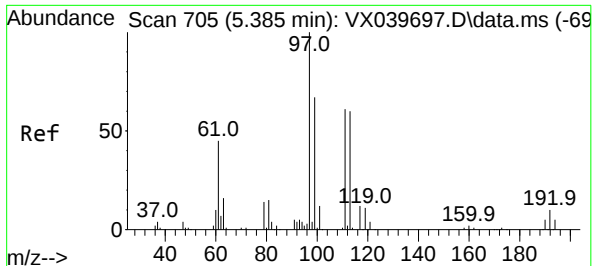
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:114 Resp: 134411
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 17.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.486 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 47510

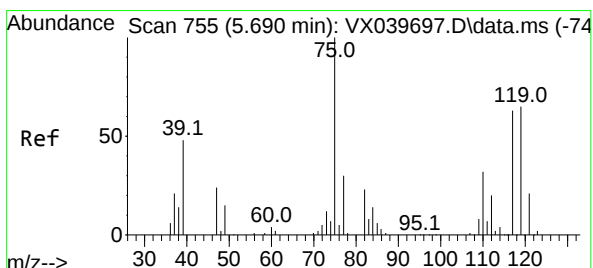
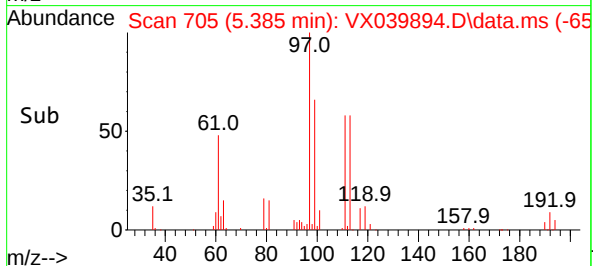
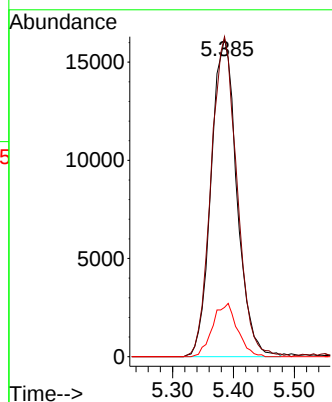
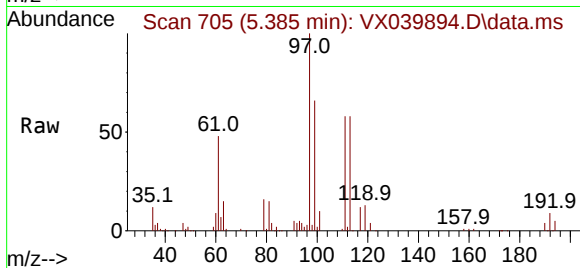
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.9	124.3
192	16.1	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#36

1,1-Dichloropropene

Concen: 52.843 ug/l

RT: 5.690 min Scan# 755

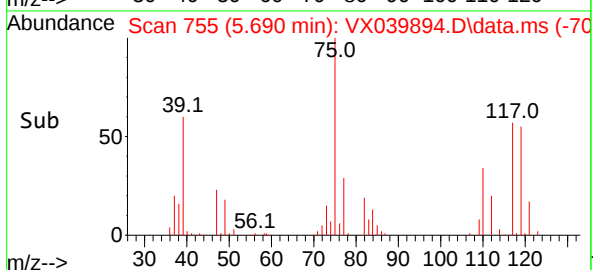
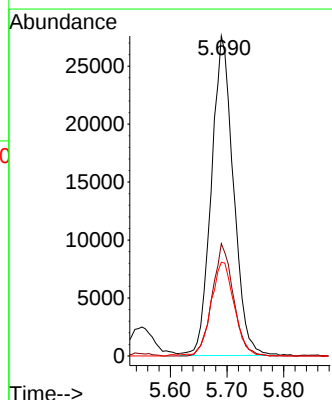
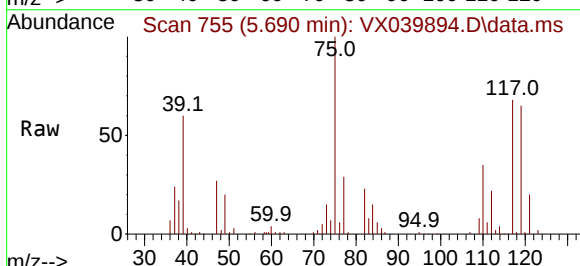
Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Tgt Ion: 75 Resp: 74465

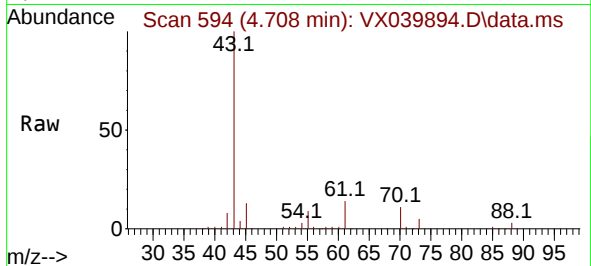
Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.0	50.9
77	31.2	24.7	37.1





#37
Ethyl Acetate
Concen: 52.193 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

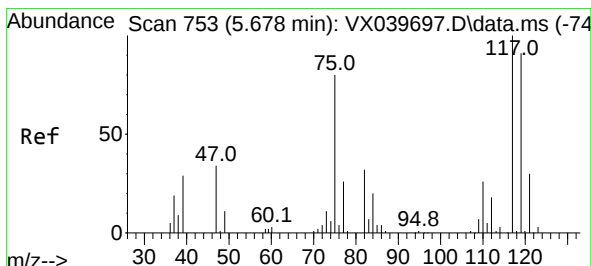
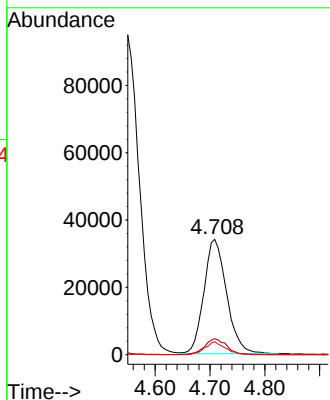
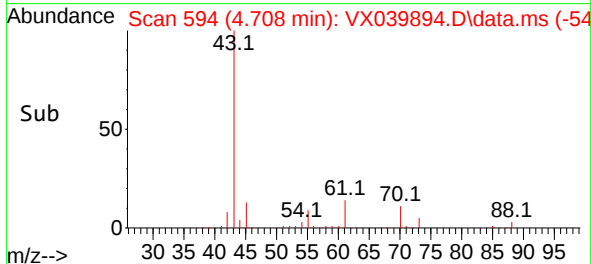
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 98119
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 9.9 8.3 12.5

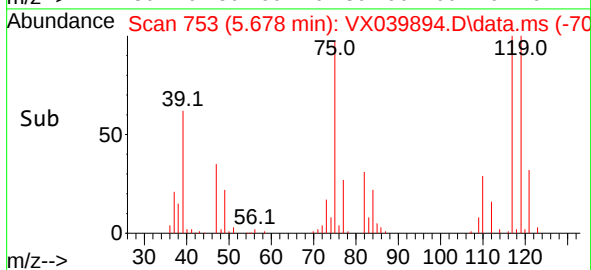
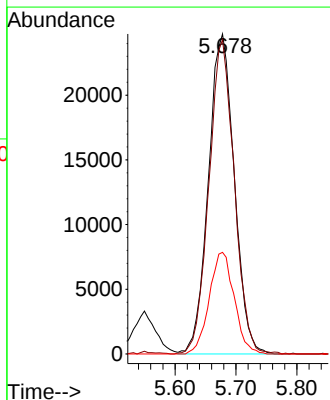
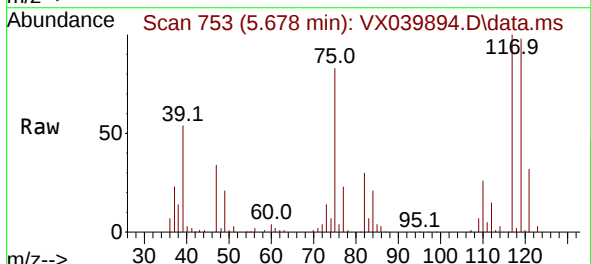
Manual Integrations
APPROVED

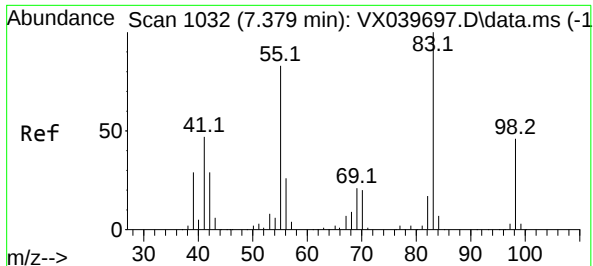
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#38
Carbon Tetrachloride
Concen: 56.658 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:117 Resp: 73125
Ion Ratio Lower Upper
117 100
119 97.9 78.2 117.2
121 31.7 24.4 36.6





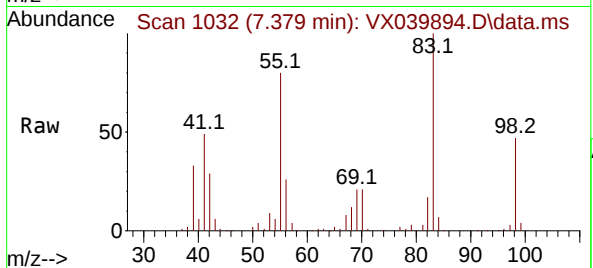
#39
Methylcyclohexane
Concen: 50.854 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



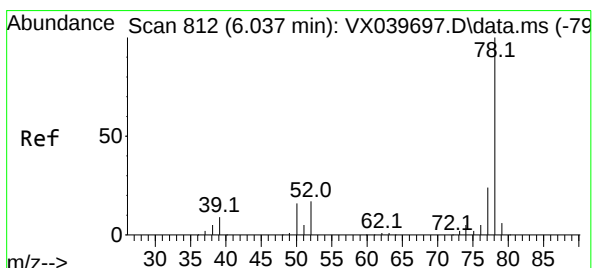
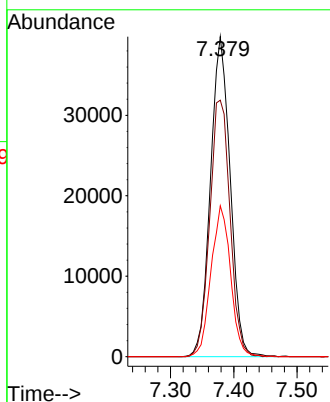
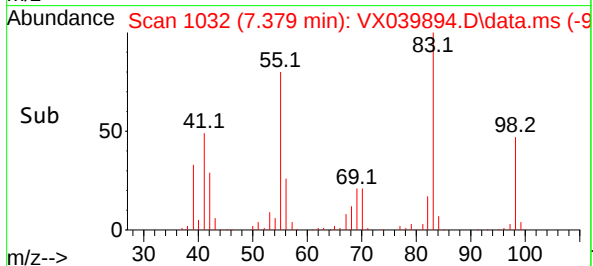
Tgt Ion: 83 Resp: 8605
Ion Ratio Lower Upper
83 100
55 80.1 64.6 97.0
98 47.1 36.7 55.1

Manual Integrations

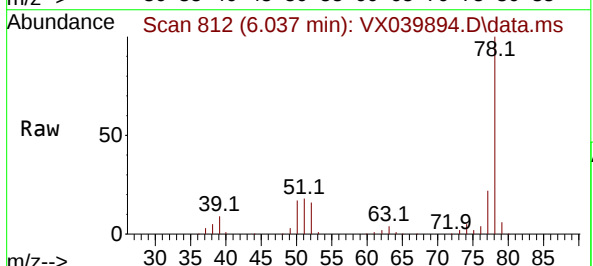
APPROVED

Reviewed By :John Carlone 01/23/2024

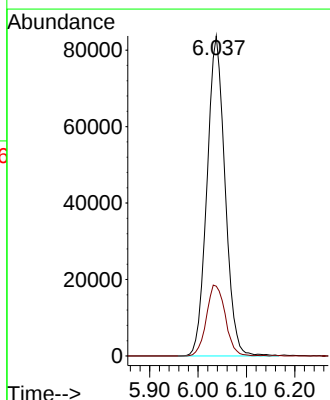
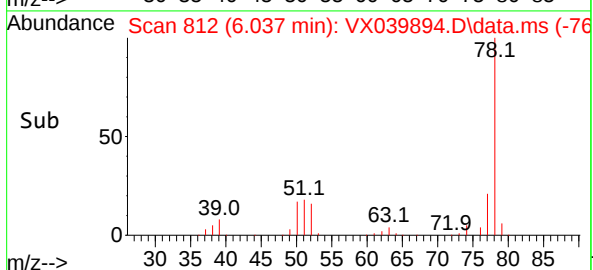
Supervised By :Mahesh Dadoda 01/23/2024

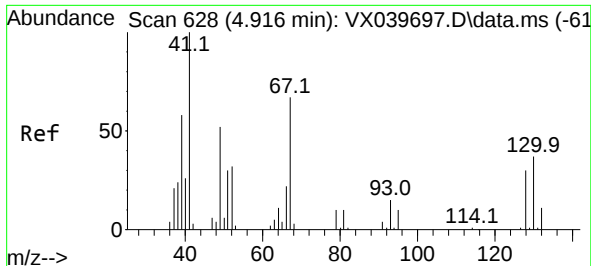


#40
Benzene
Concen: 54.391 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09



Tgt Ion: 78 Resp: 217032
Ion Ratio Lower Upper
78 100
77 21.8 19.3 28.9





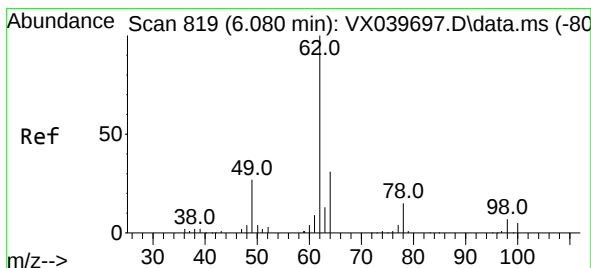
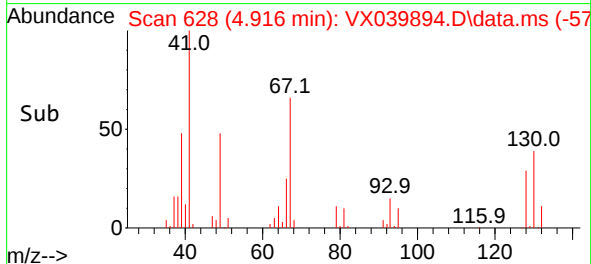
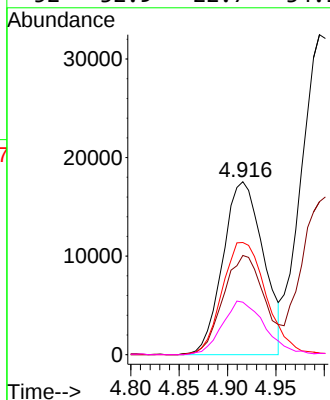
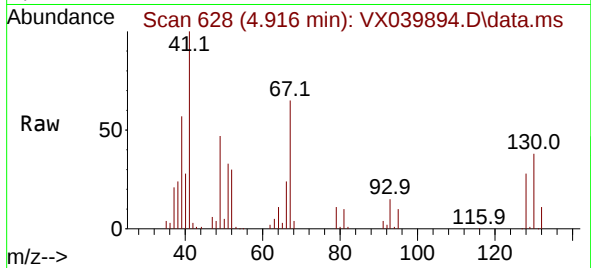
#41
Methacrylonitrile
Concen: 55.719 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 5122
Ion Ratio Lower Upper
41 100
39 60.1 45.2 67.8
67 70.5 52.6 78.8
52 32.9 22.7 34.1

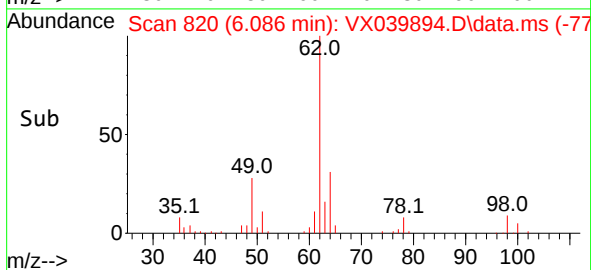
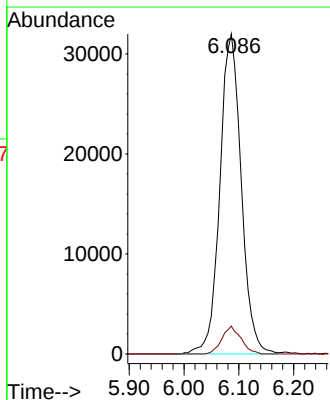
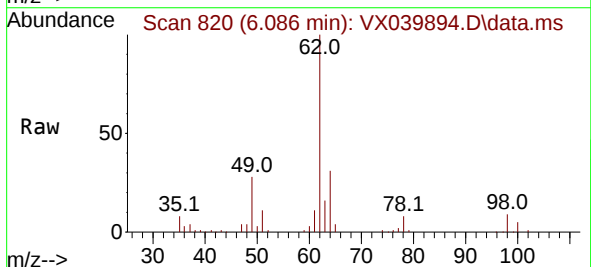
Manual Integrations
APPROVED

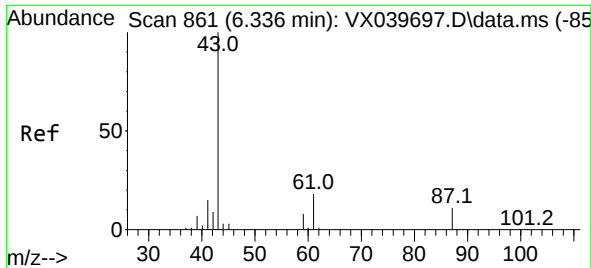
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#42
1,2-Dichloroethane
Concen: 57.286 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 62 Resp: 86904
Ion Ratio Lower Upper
62 100
98 7.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 55.170 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 152140

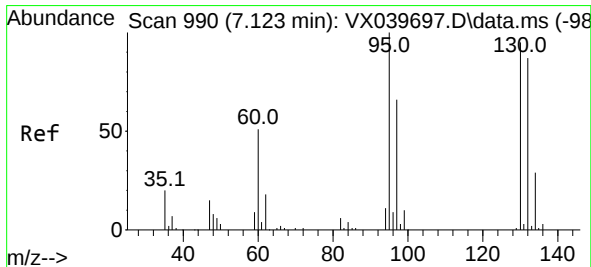
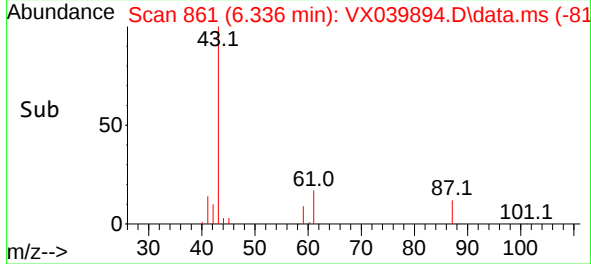
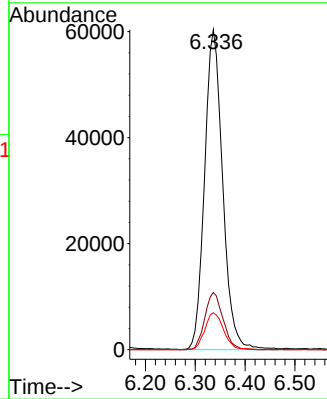
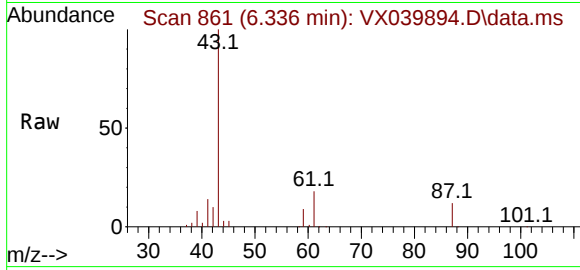
Ion	Ratio	Lower	Upper
43	100		
61	18.0	15.2	22.8
87	11.9	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#44

Trichloroethene

Concen: 55.602 ug/l

RT: 7.123 min Scan# 990

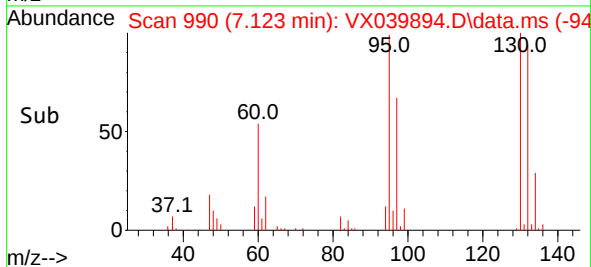
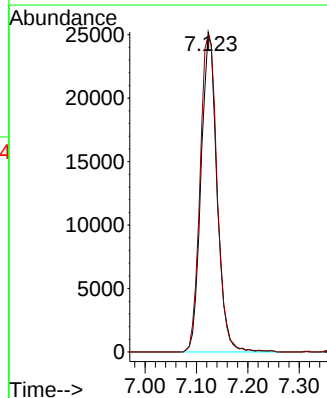
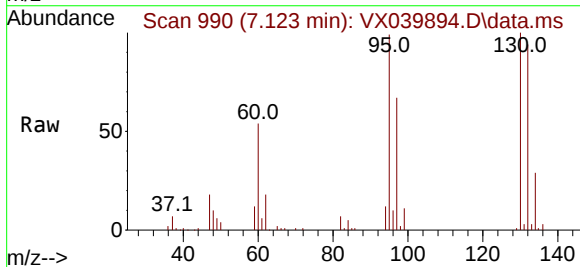
Delta R.T. 0.000 min

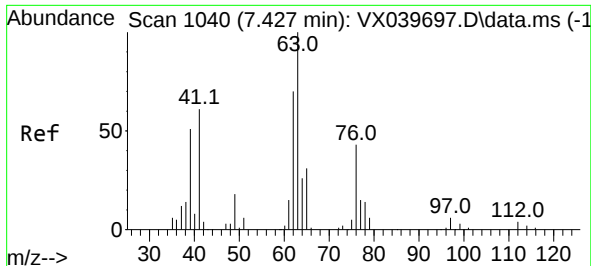
Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Tgt Ion:130 Resp: 54374

Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	204.4





#45

1,2-Dichloropropane

Concen: 54.195 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5801

Ion Ratio Lower Upper

63 100

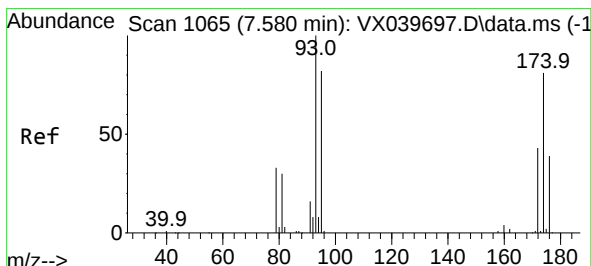
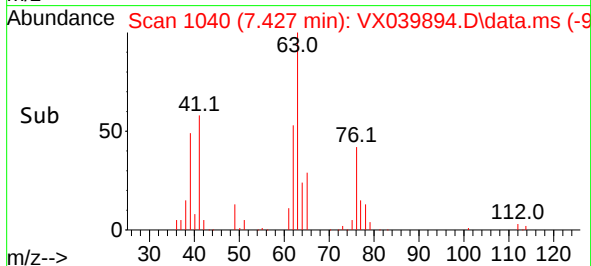
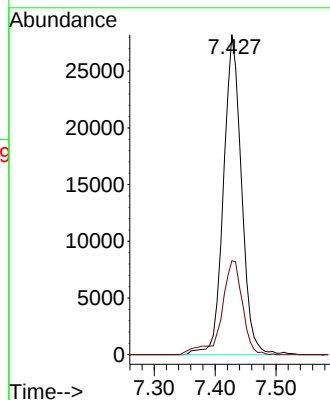
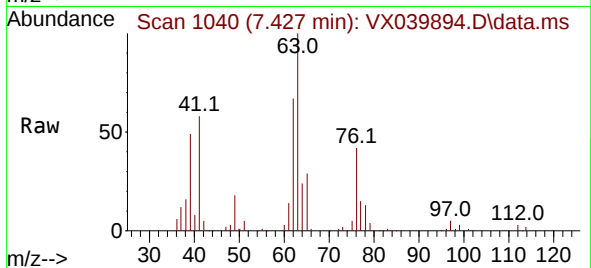
65 29.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#46

Dibromomethane

Concen: 57.043 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

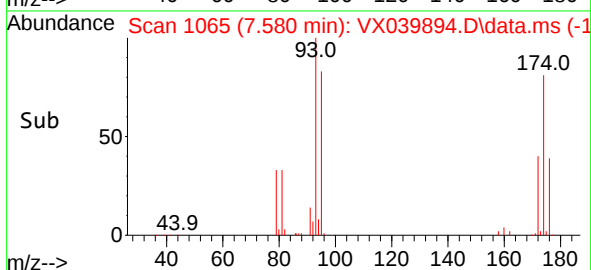
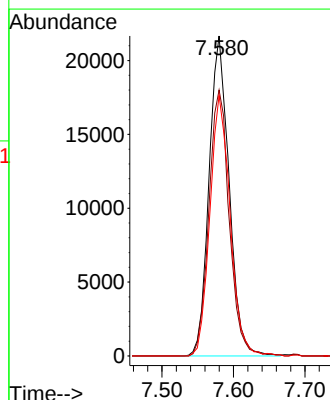
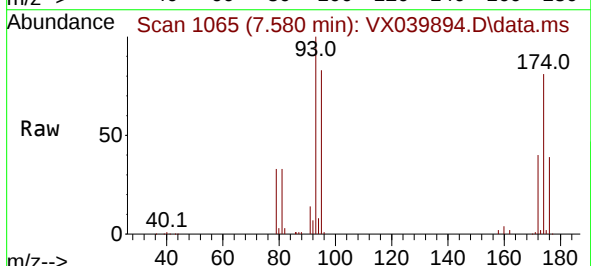
Tgt Ion: 93 Resp: 42174

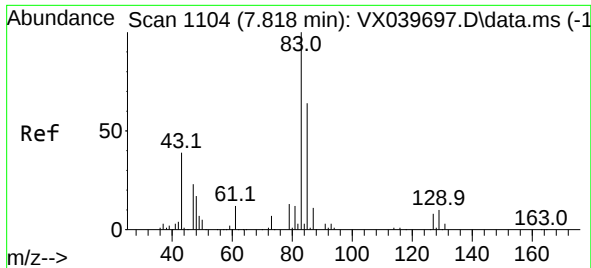
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

174 82.4 69.4 104.0





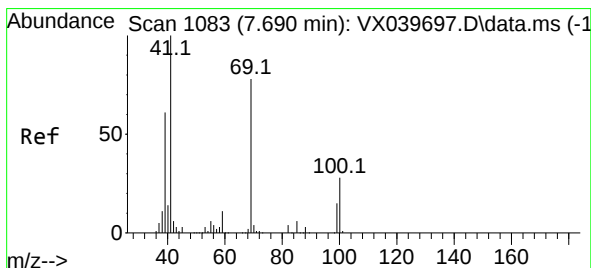
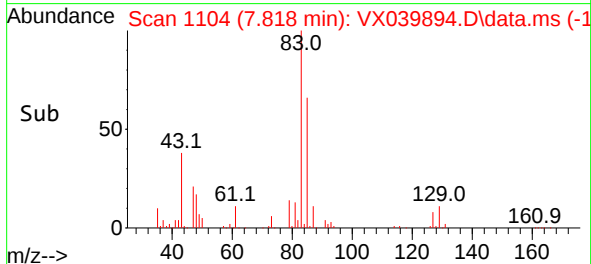
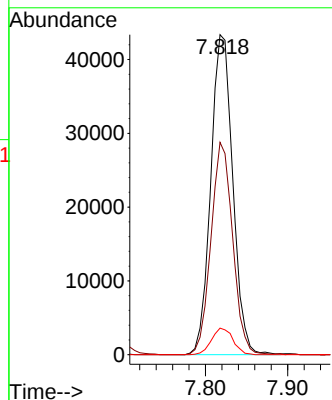
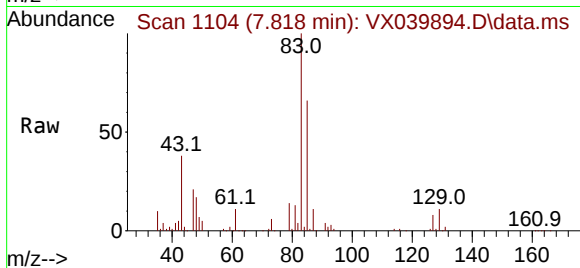
#47
Bromodichloromethane
Concen: 58.943 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 80710
Ion Ratio Lower Upper
83 100
85 66.3 49.8 74.6
127 8.3 7.1 10.7

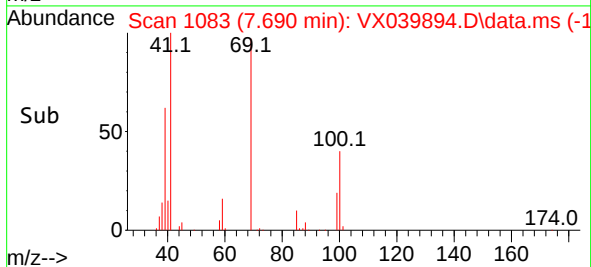
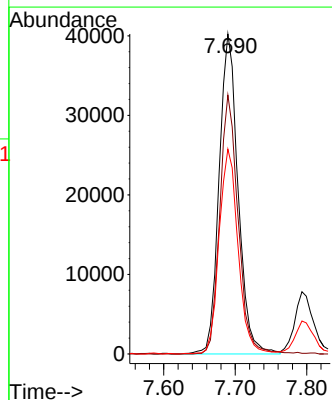
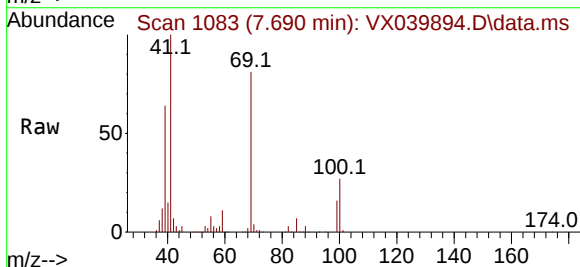
Manual Integrations
APPROVED

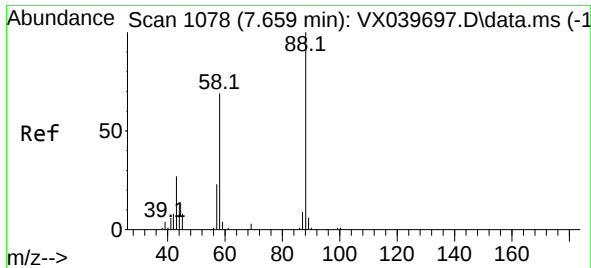
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#48
Methyl methacrylate
Concen: 54.701 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

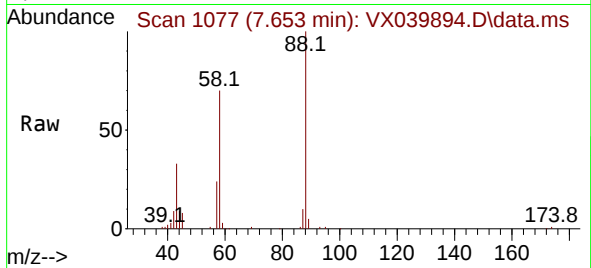
Tgt Ion: 41 Resp: 74149
Ion Ratio Lower Upper
41 100
69 78.5 59.2 88.8
39 64.2 47.7 71.5





#49
1,4-Dioxane
Concen: 1060.383 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

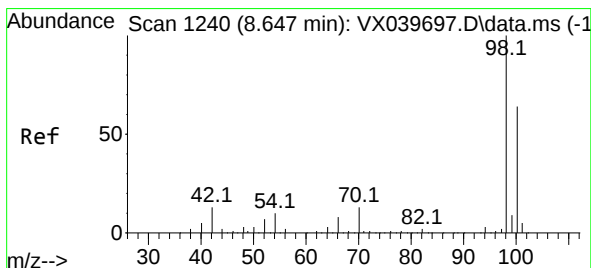
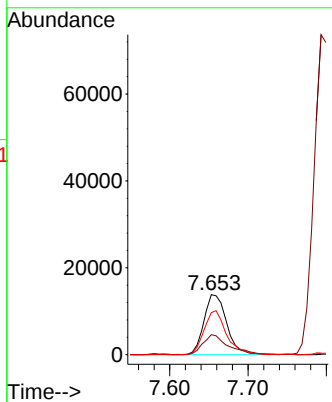
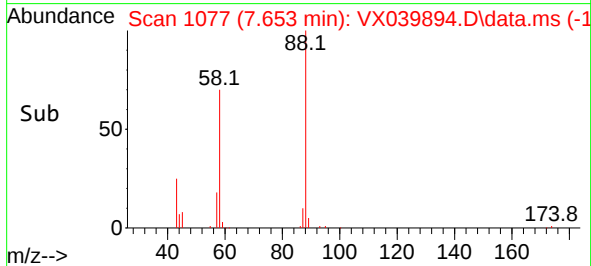
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 27811
Ion Ratio Lower Upper
88 100
43 38.0 0.0 0.0
58 71.9 60.1 90.1

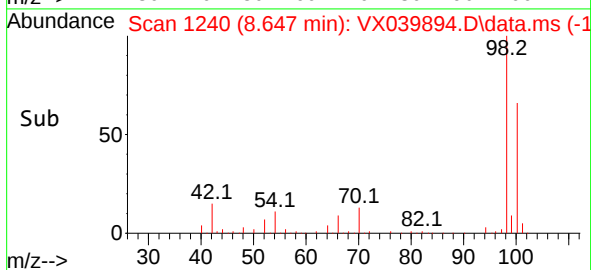
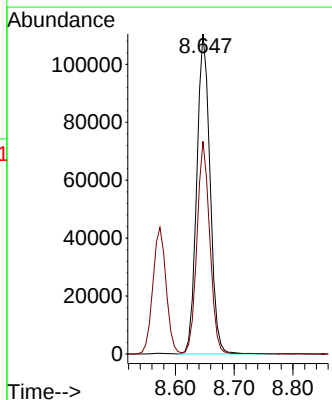
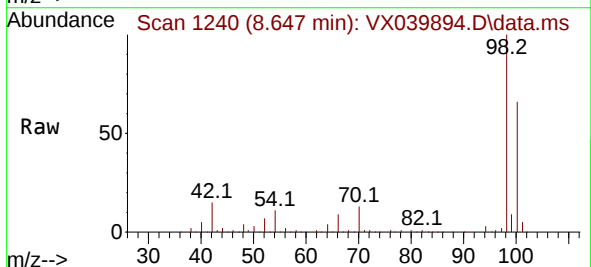
Manual Integrations
APPROVED

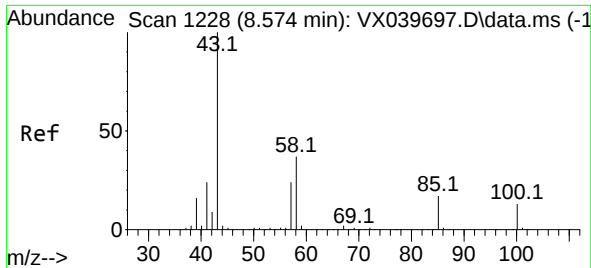
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#50
Toluene-d8
Concen: 50.808 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

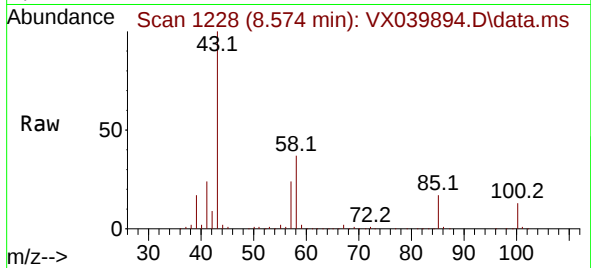
Tgt Ion: 98 Resp: 173483
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 277.100 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

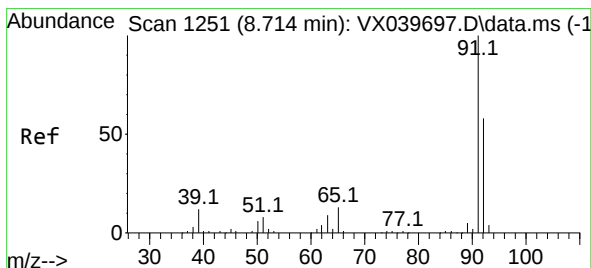
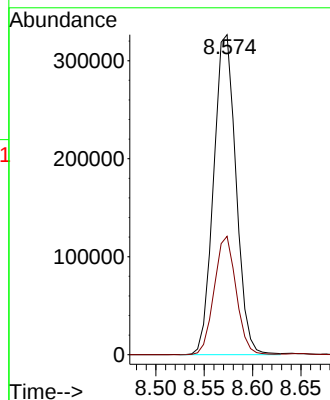
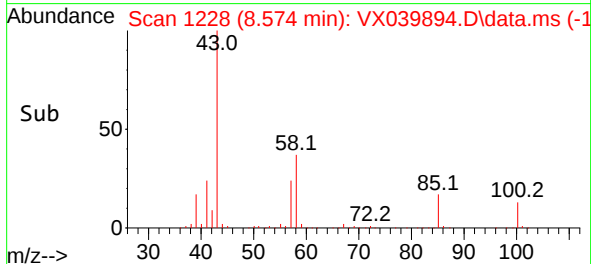
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



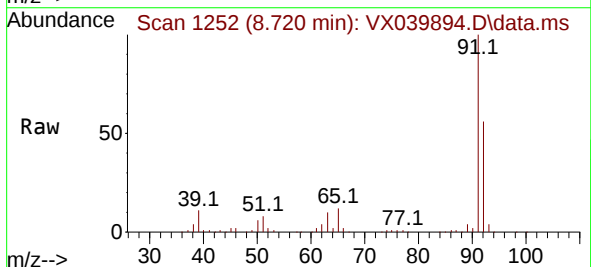
Tgt Ion: 43 Resp: 526298
Ion Ratio Lower Upper
43 100
58 36.2 30.4 45.6

Manual Integrations
APPROVED

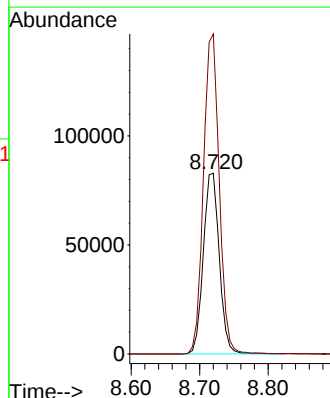
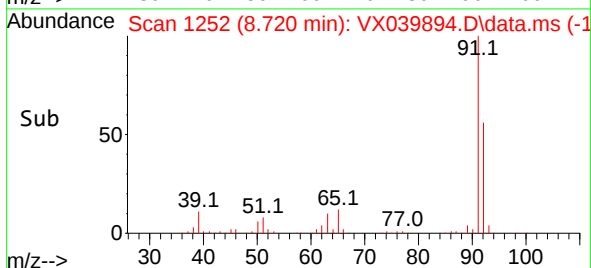
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

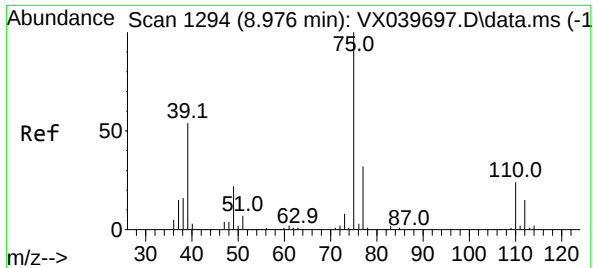


#52
Toluene
Concen: 56.561 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09



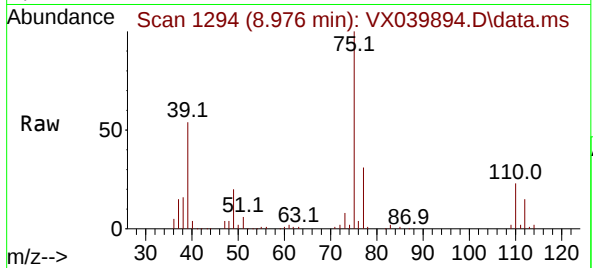
Tgt Ion: 92 Resp: 134805
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 57.479 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

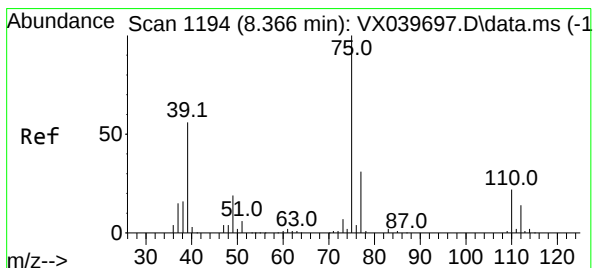
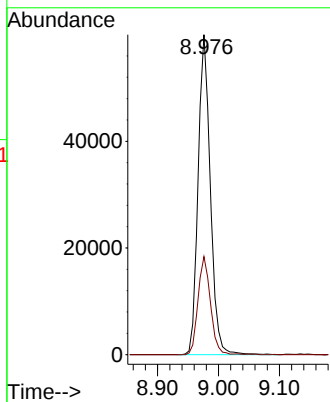
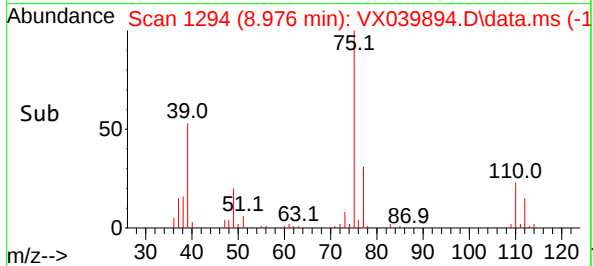
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



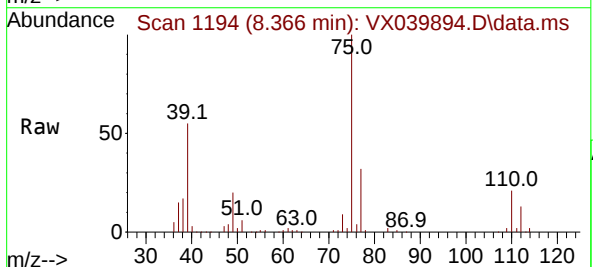
Tgt Ion: 75 Resp: 83510
Ion Ratio Lower Upper
75 100
77 30.6 25.7 38.5

Manual Integrations
APPROVED

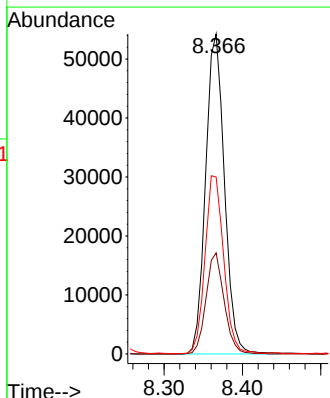
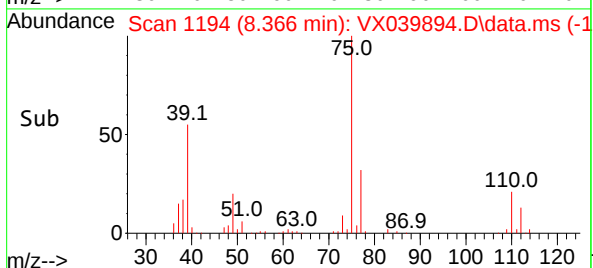
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

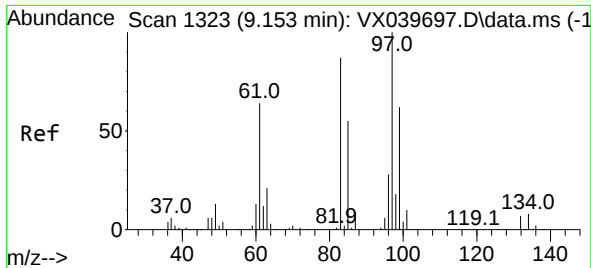


#54
cis-1,3-Dichloropropene
Concen: 56.656 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09



Tgt Ion: 75 Resp: 90518
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 55.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 55.385 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

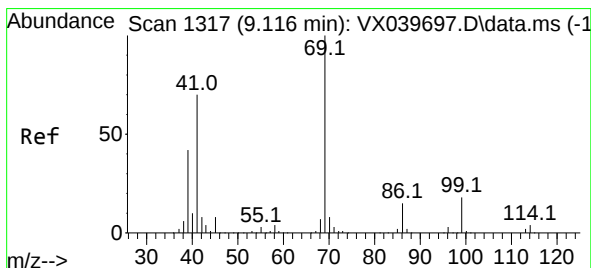
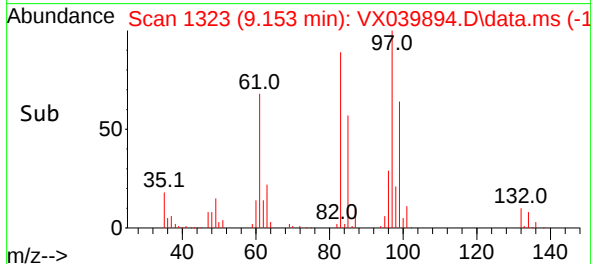
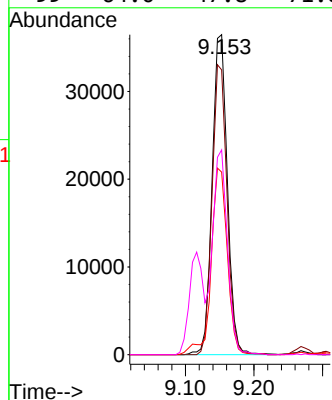
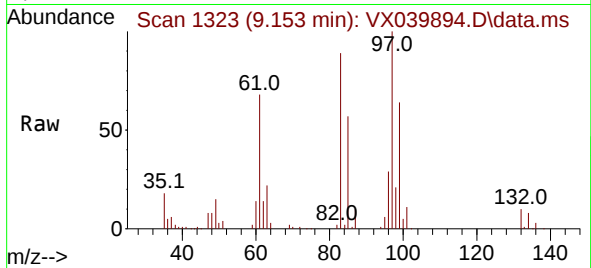
VSTDCCC050EC

Tgt Ion: 97 Resp: 56200
Ion Ratio Lower Upper
97 100
83 89.0 65.8 98.8
85 57.0 41.6 62.4
99 64.0 47.8 71.8

Manual Integrations

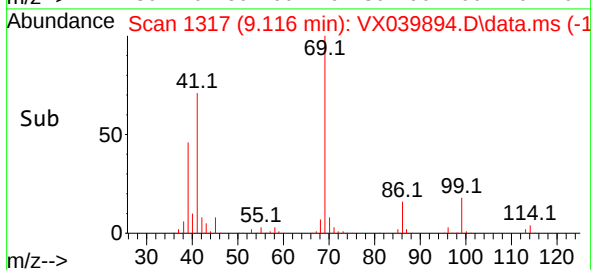
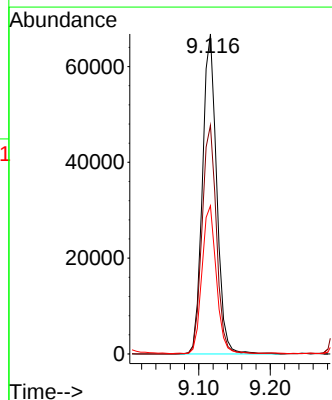
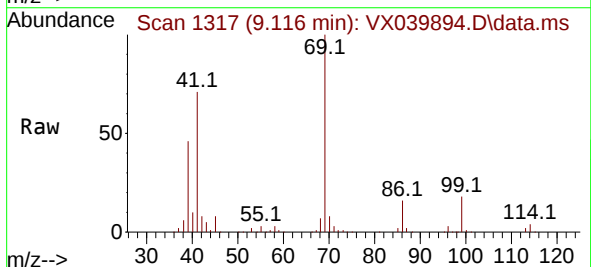
APPROVED

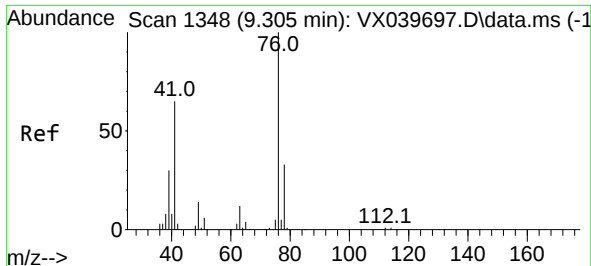
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#56
Ethyl methacrylate
Concen: 56.239 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 69 Resp: 92362
Ion Ratio Lower Upper
69 100
41 72.5 56.8 85.2
39 46.7 32.0 48.0





#57

1,3-Dichloropropane

Concen: 56.144 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 96540

Ion Ratio Lower Upper

76 100

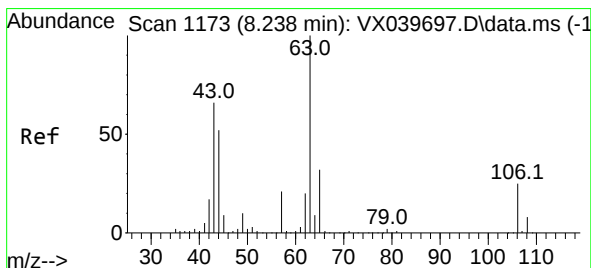
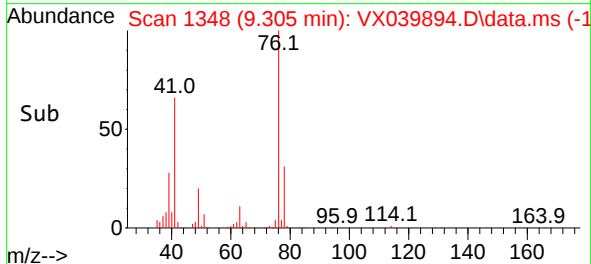
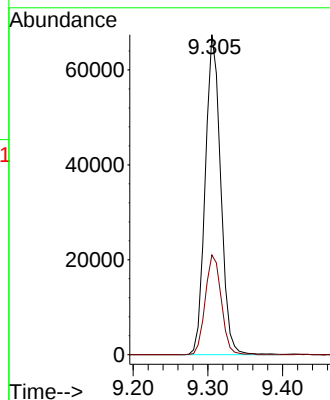
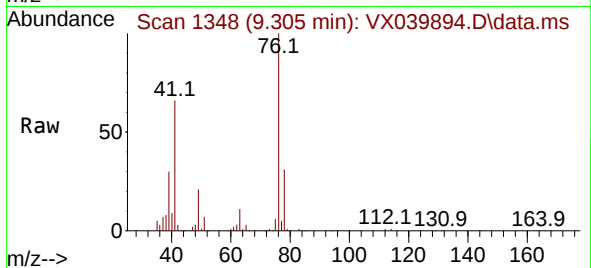
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 255.046 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039894.D

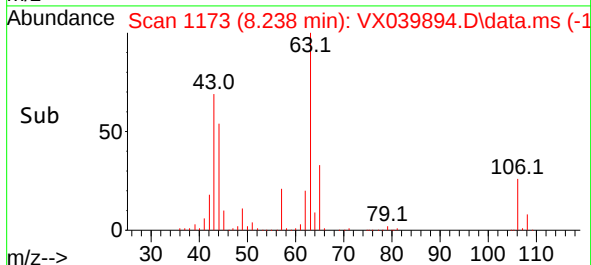
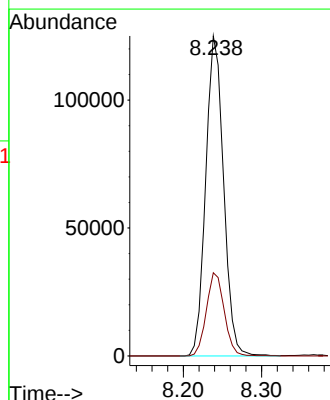
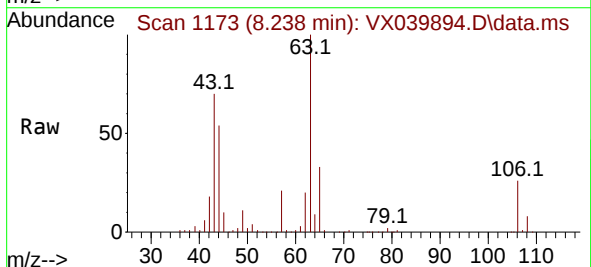
Acq: 22 Jan 2024 19:09

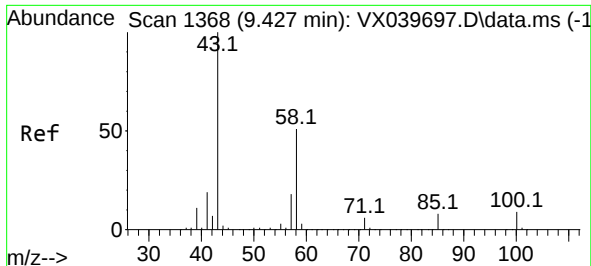
Tgt Ion: 63 Resp: 197986

Ion Ratio Lower Upper

63 100

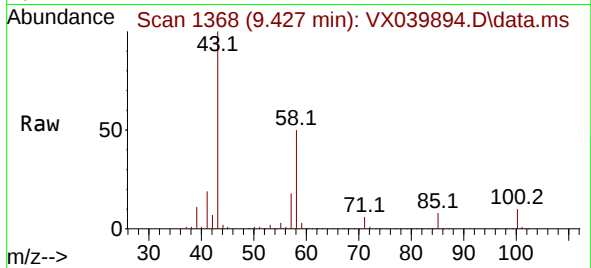
106 26.0 22.5 33.7





#59
2-Hexanone
Concen: 282.715 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

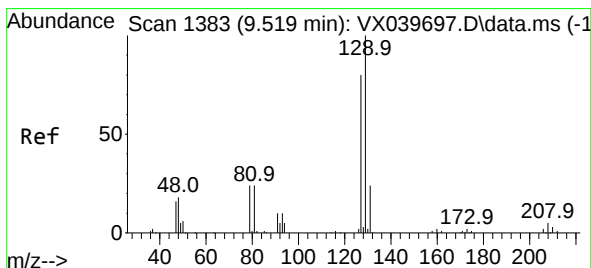
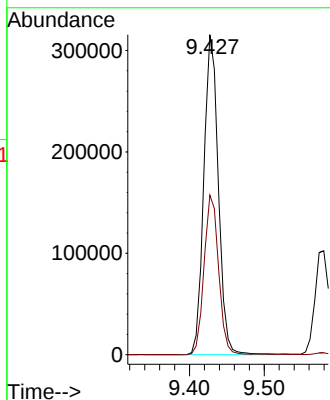
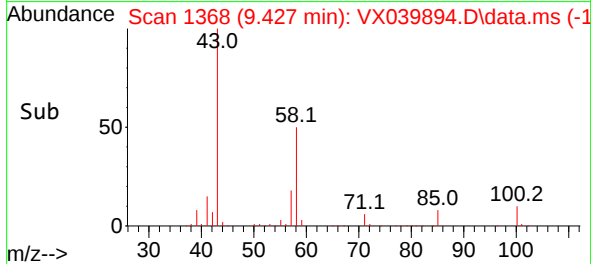
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 424972
Ion Ratio Lower Upper
43 100
58 50.1 26.2 78.5

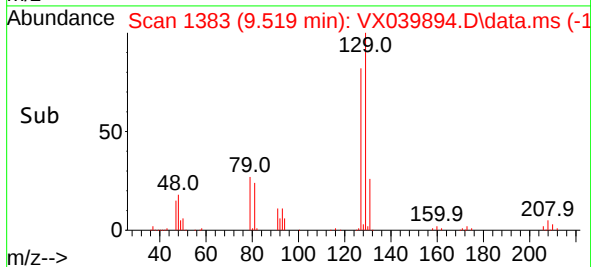
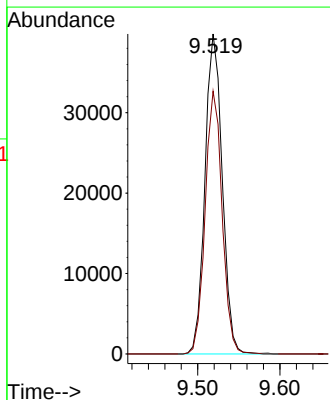
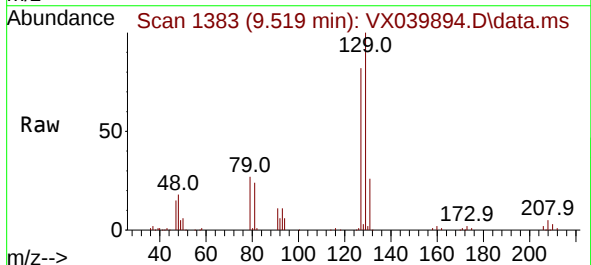
Manual Integrations
APPROVED

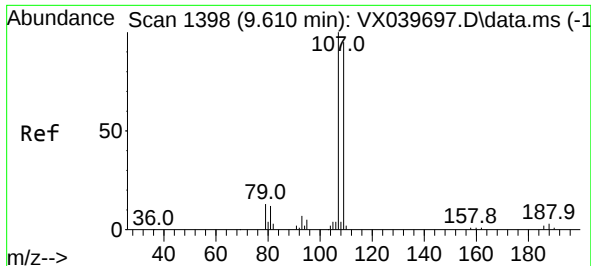
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#60
Dibromochloromethane
Concen: 60.654 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:129 Resp: 58042
Ion Ratio Lower Upper
129 100
127 80.8 38.8 116.4





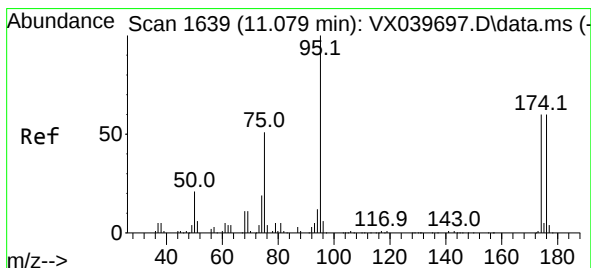
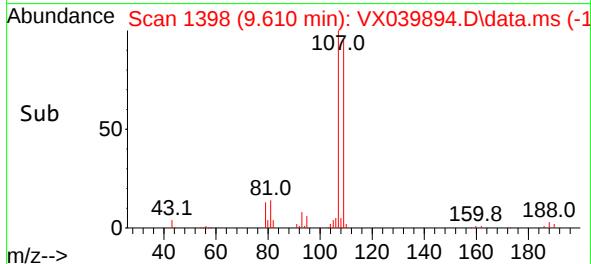
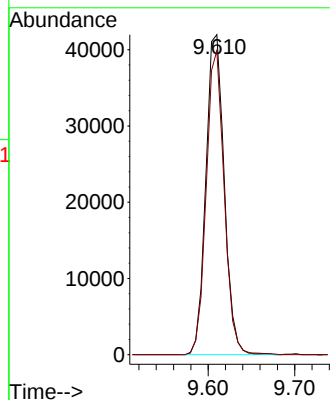
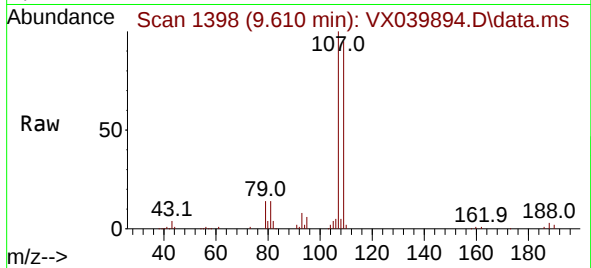
#61
1,2-Dibromoethane
Concen: 59.024 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 62023
Ion Ratio Lower Upper
107 100
109 92.4 75.2 112.8

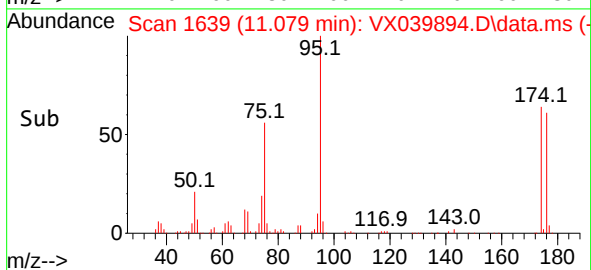
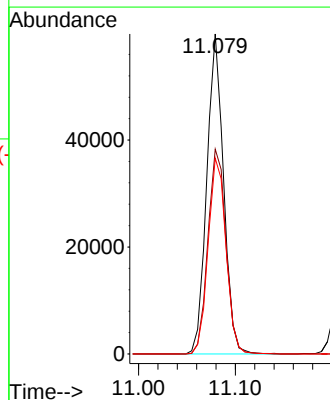
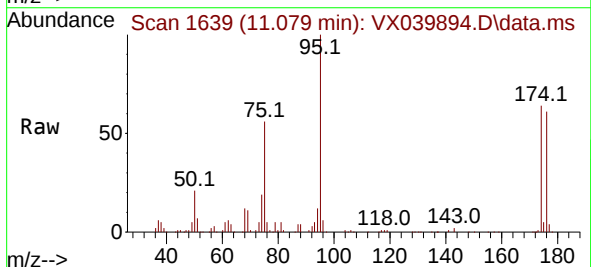
Manual Integrations
APPROVED

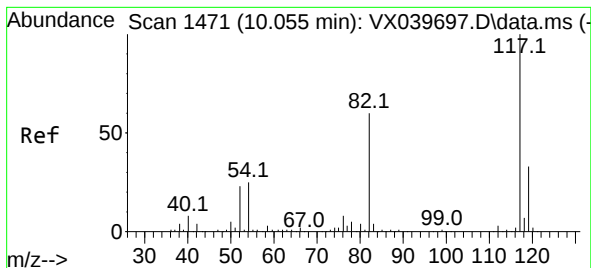
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#62
4-Bromofluorobenzene
Concen: 54.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

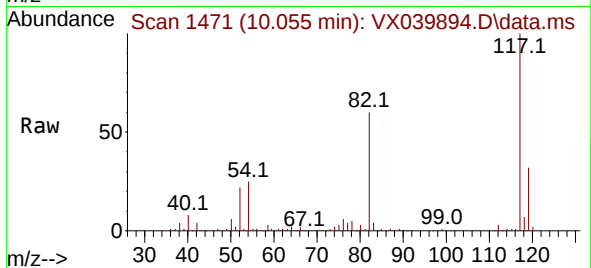
Tgt Ion: 95 Resp: 72343
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.6
176 64.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

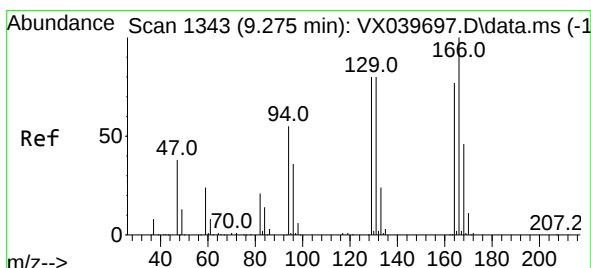
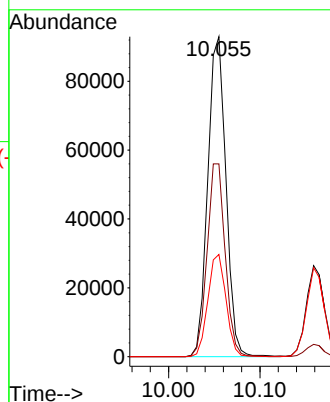
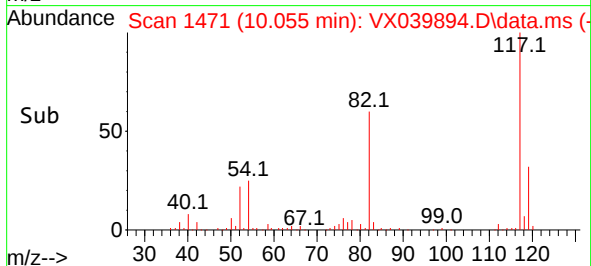
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 12788
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 31.9 25.5 38.3

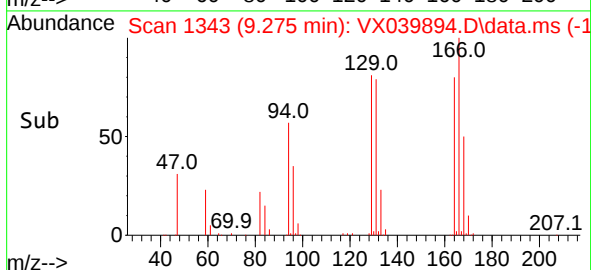
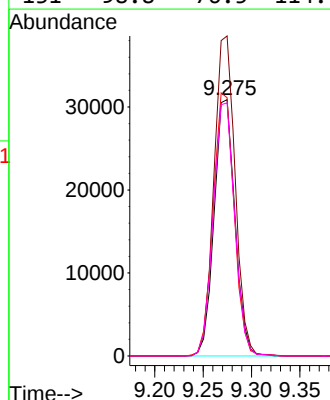
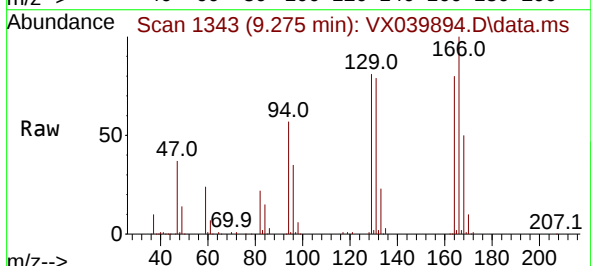
Manual Integrations
APPROVED

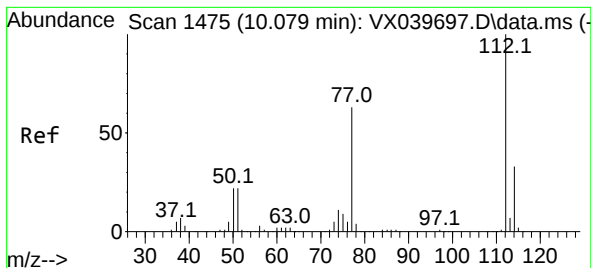
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#64
Tetrachloroethene
Concen: 55.441 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:164 Resp: 46108
Ion Ratio Lower Upper
164 100
166 124.9 102.7 154.1
129 100.8 80.4 120.6
131 98.8 76.5 114.7





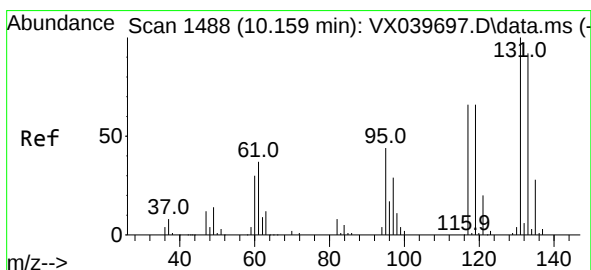
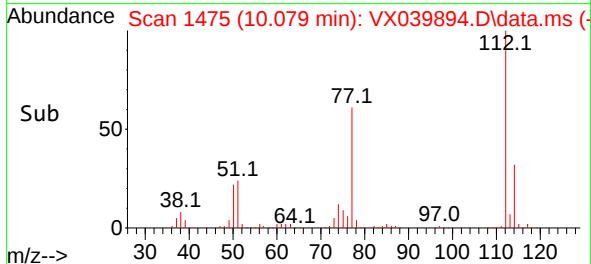
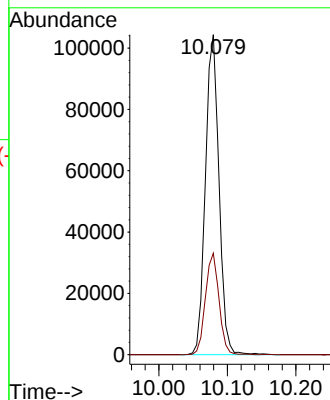
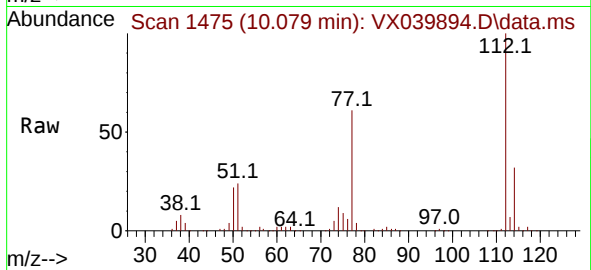
#65
Chlorobenzene
Concen: 54.075 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 144036
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

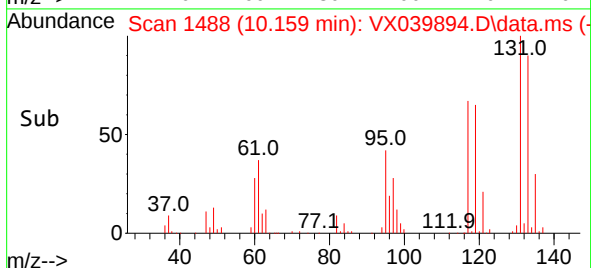
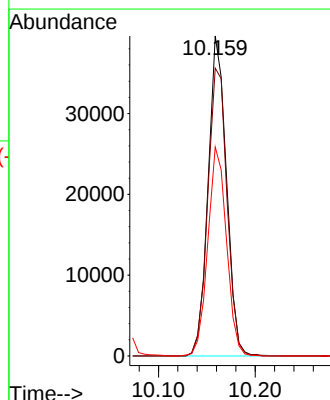
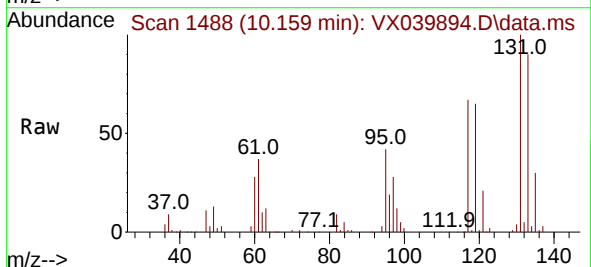
Manual Integrations
APPROVED

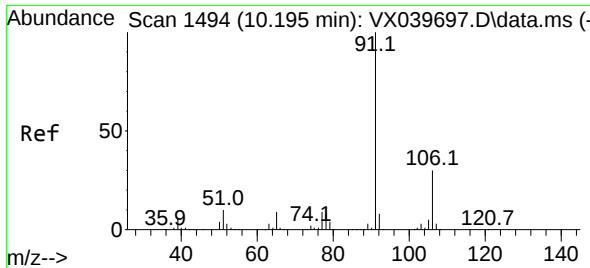
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 57.482 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

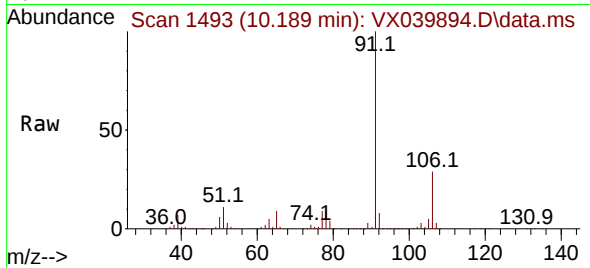
Tgt Ion:131 Resp: 52135
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 66.5 32.2 96.6





#67
Ethyl Benzene
Concen: 54.492 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

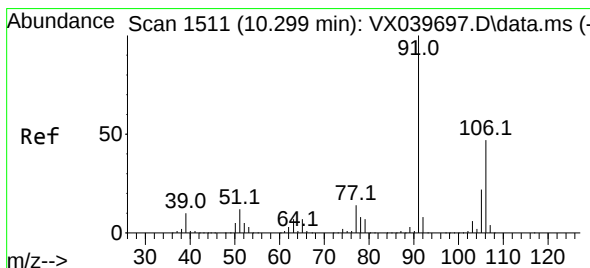
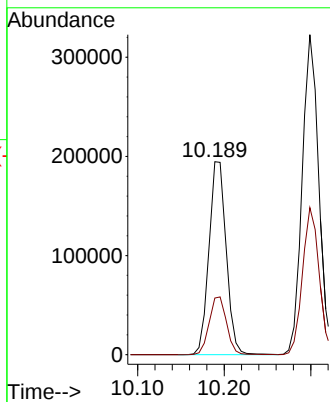
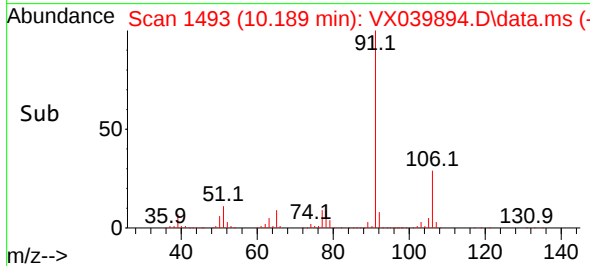
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



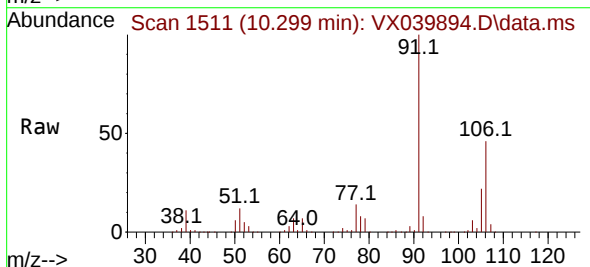
Tgt Ion: 91 Resp: 26947
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3

Manual Integrations
APPROVED

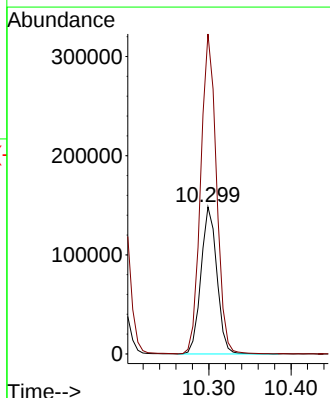
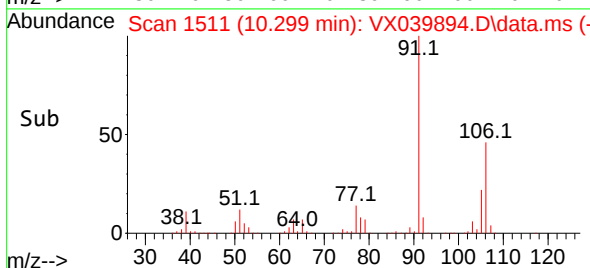
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

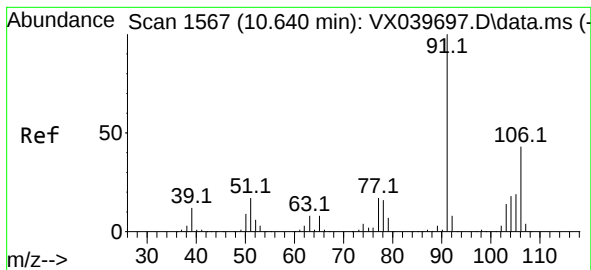


#68
m/p-Xylenes
Concen: 109.428 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09



Tgt Ion:106 Resp: 199013
Ion Ratio Lower Upper
106 100
91 216.5 165.5 248.3





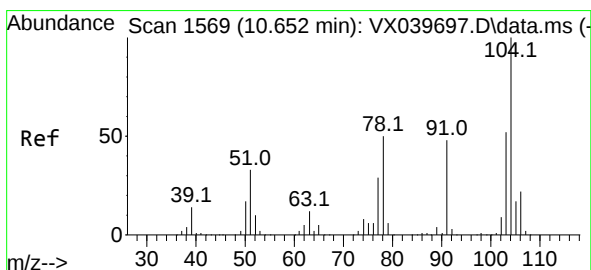
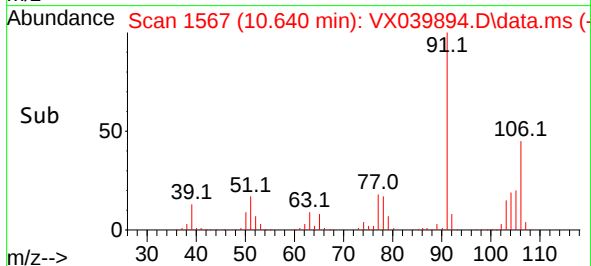
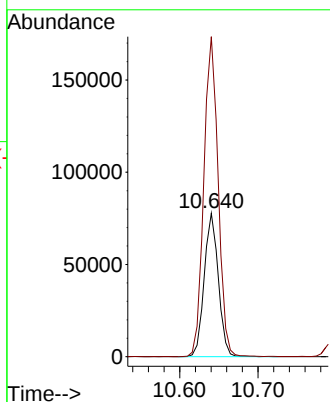
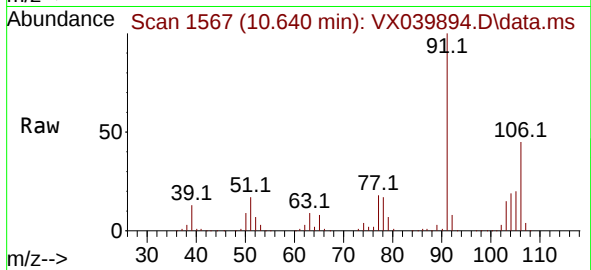
#69
o-Xylene
Concen: 53.751 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 96809
Ion Ratio Lower Upper
106 100
91 227.0 108.9 326.8

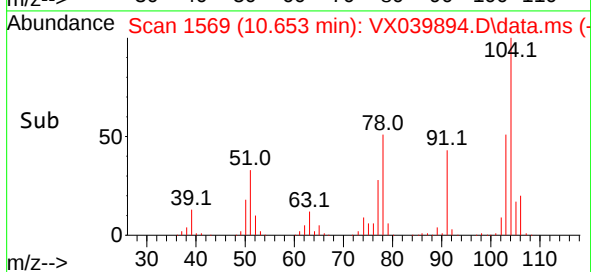
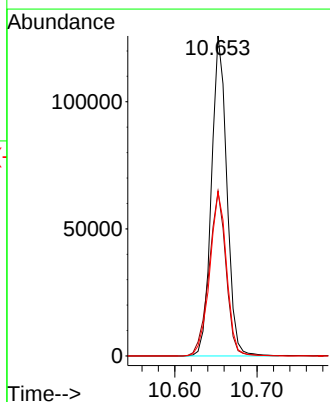
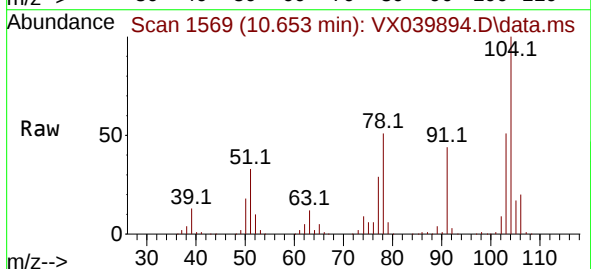
Manual Integrations
APPROVED

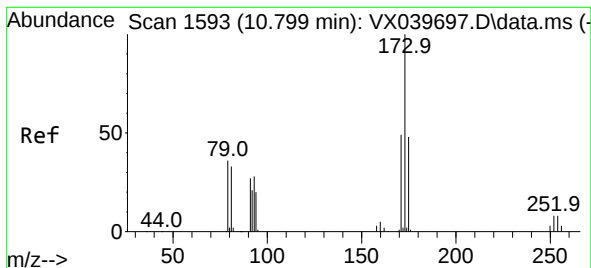
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#70
Styrene
Concen: 55.754 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:104 Resp: 164036
Ion Ratio Lower Upper
104 100
78 56.7 43.6 65.4
103 56.0 43.6 65.4





#71

Bromoform

Concen: 60.414 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 4114

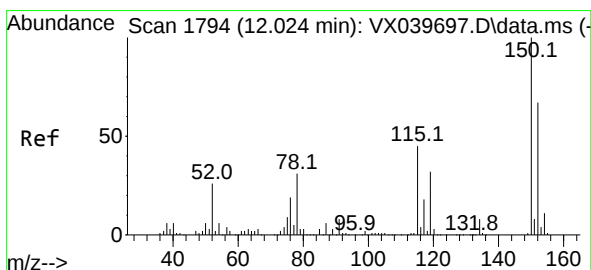
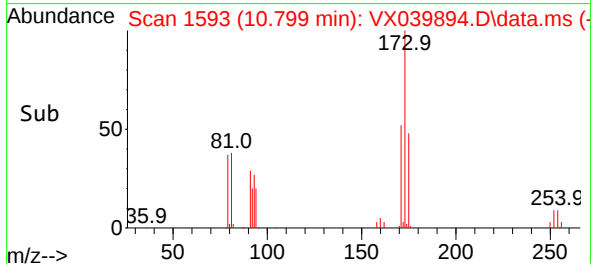
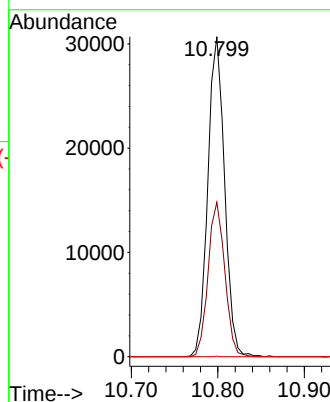
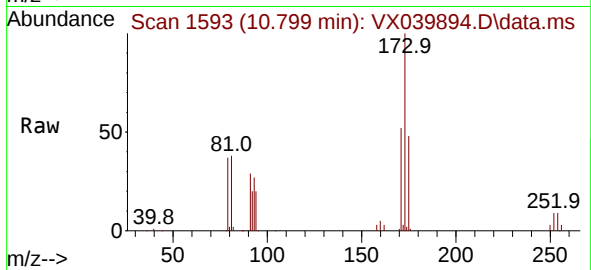
Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

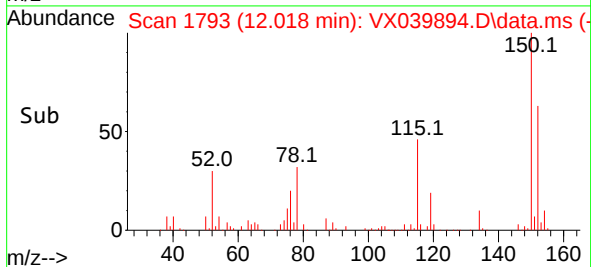
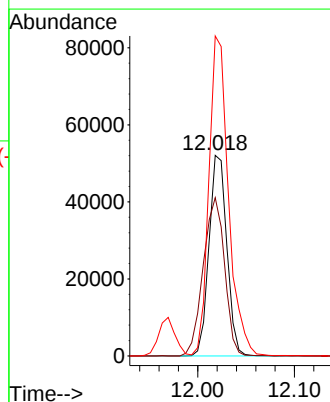
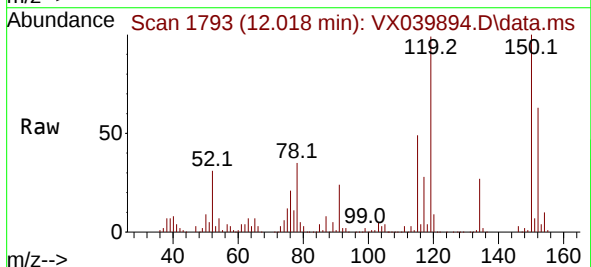
Delta R.T. -0.006 min

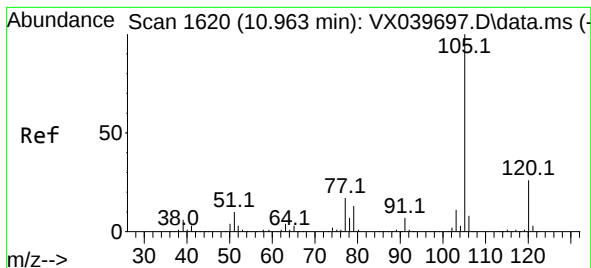
Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Tgt Ion:152 Resp: 66617

Ion	Ratio	Lower	Upper
152	100		
115	94.6	43.3	129.9
150	174.6	0.0	345.0





#73

Isopropylbenzene

Concen: 49.900 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 264659

Ion Ratio Lower Upper

105 100

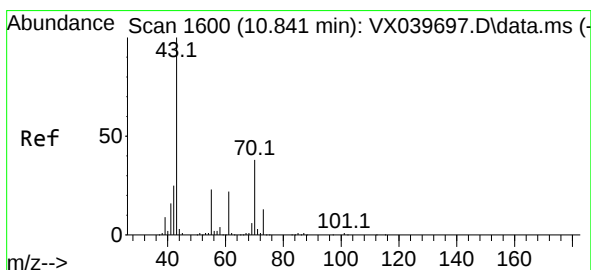
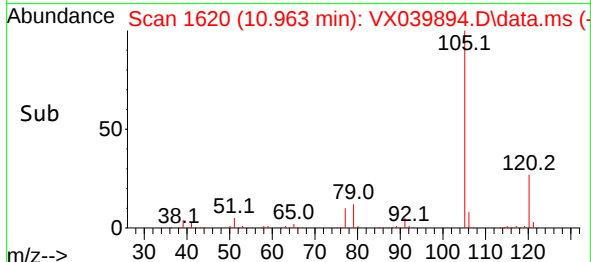
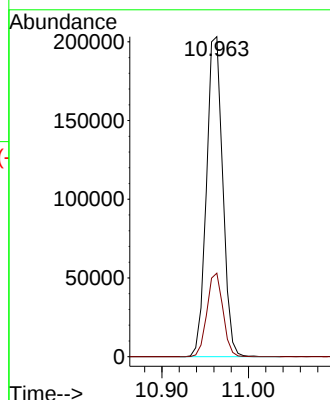
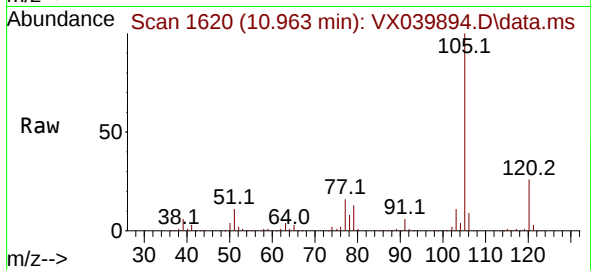
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#74

N-ethyl acetate

Concen: 50.356 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Tgt Ion: 43 Resp: 139217

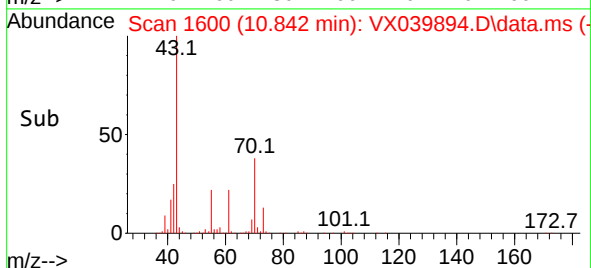
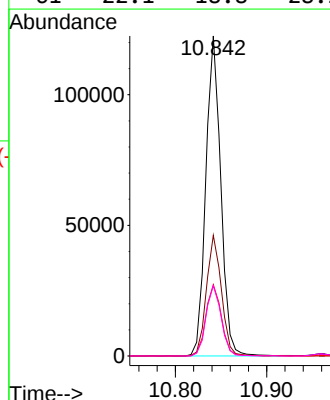
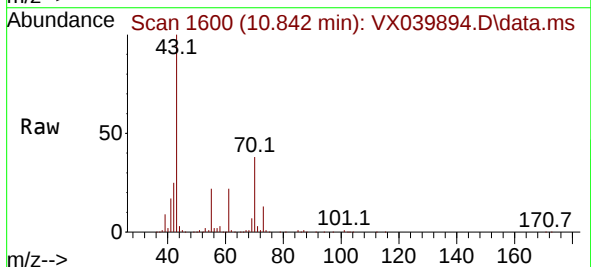
Ion Ratio Lower Upper

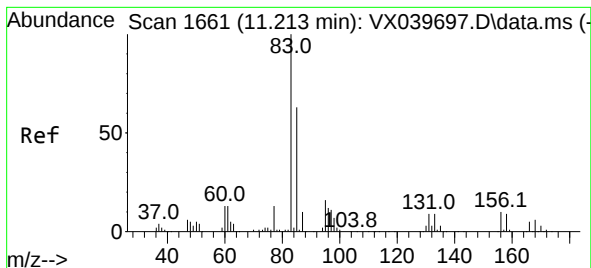
43 100

70 37.7 32.9 49.3

55 23.3 19.3 28.9

61 22.1 18.8 28.2





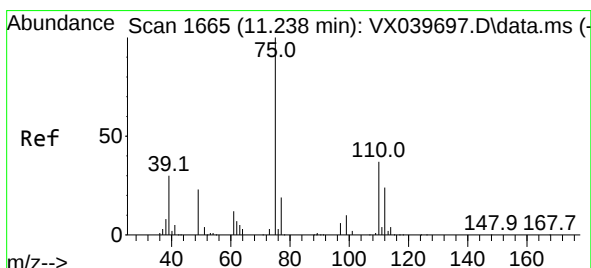
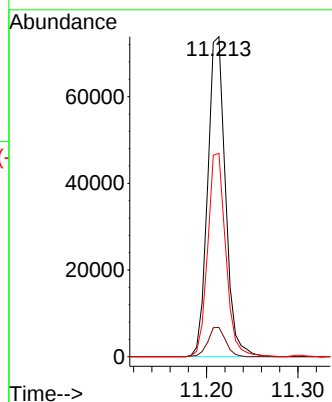
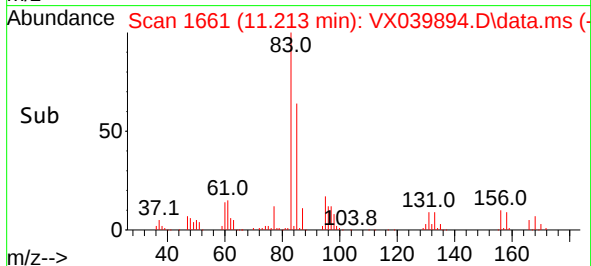
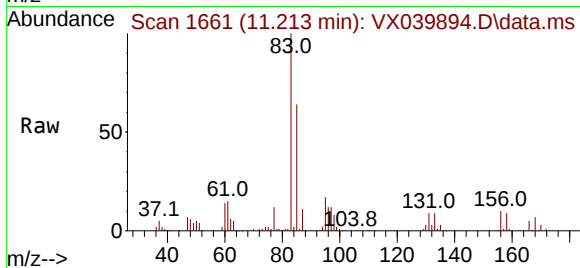
#75
1,1,2,2-Tetrachloroethane
Concen: 49.090 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9942
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.8
85 64.5 32.0 96.2

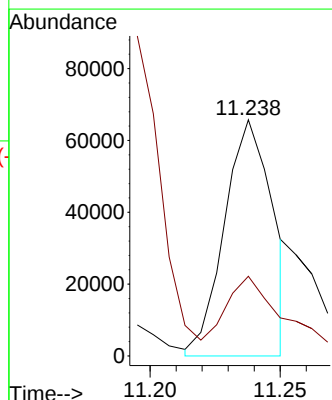
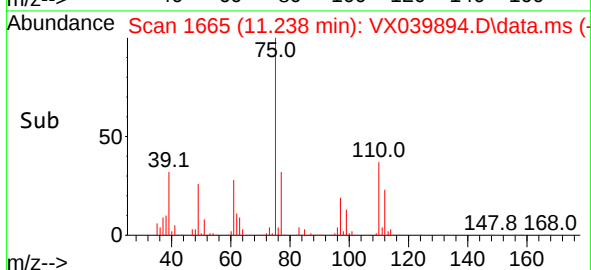
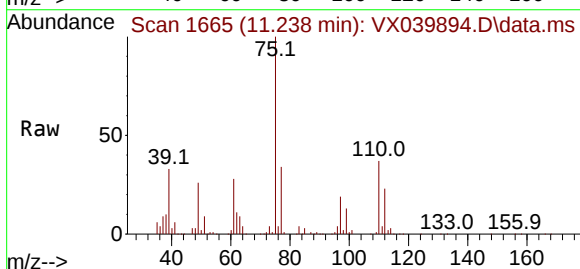
Manual Integrations
APPROVED

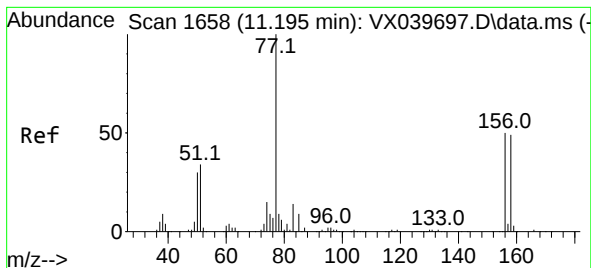
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#76
1,2,3-Trichloropropane
Concen: 49.114 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 75 Resp: 84825
Ion Ratio Lower Upper
75 100
77 42.1 19.1 57.5





#77

Bromobenzene

Concen: 49.662 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

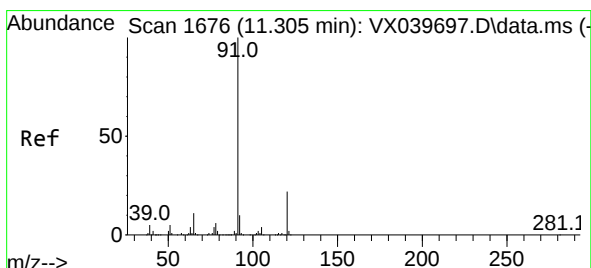
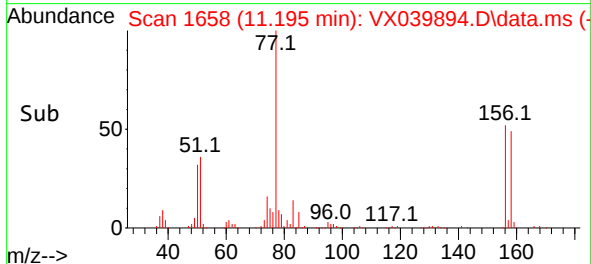
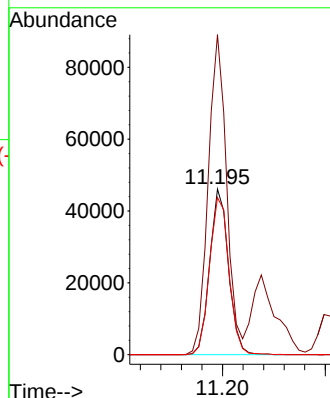
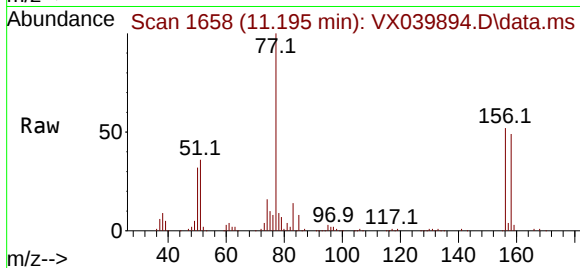
Tgt Ion:	156	Resp:	5864
Ion Ratio	Lower	Upper	
156	100		
77	189.0	88.4	265.3
158	98.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#78

n-propylbenzene

Concen: 50.932 ug/l

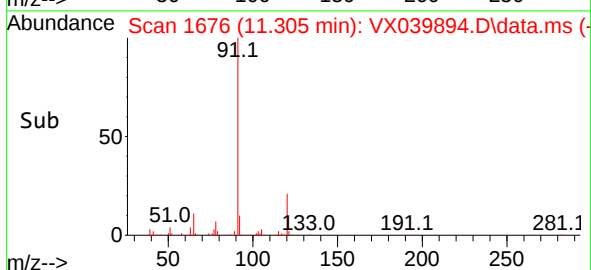
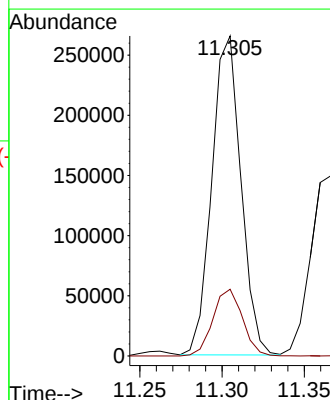
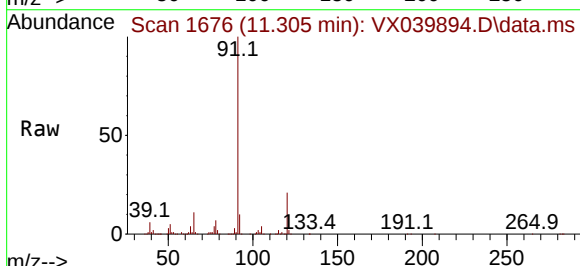
RT: 11.305 min Scan# 1676

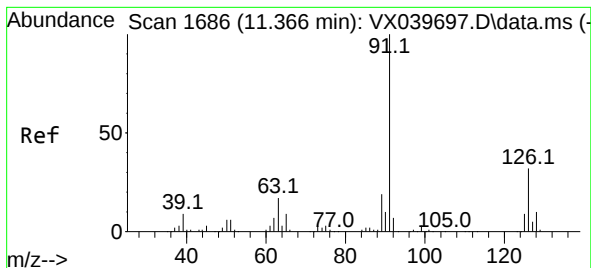
Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Tgt Ion:	91	Resp:	326952
Ion Ratio	Lower	Upper	
91	100		
120	21.3	11.5	34.4





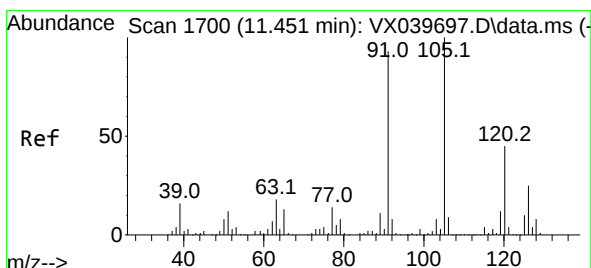
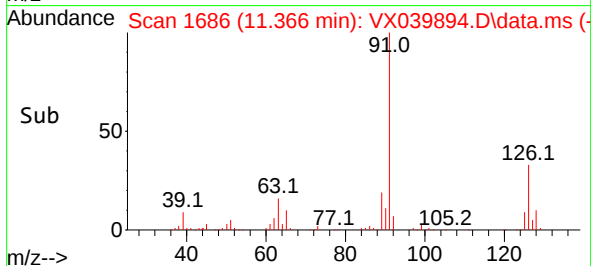
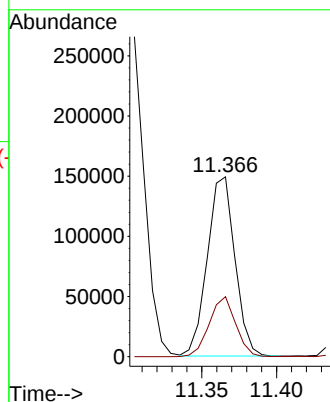
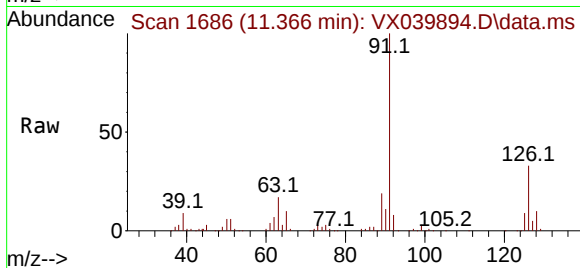
#79
2-Chlorotoluene
Concen: 48.364 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 19188
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

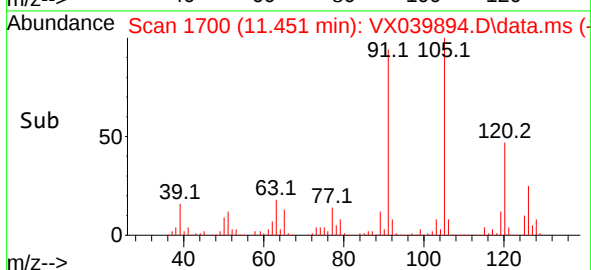
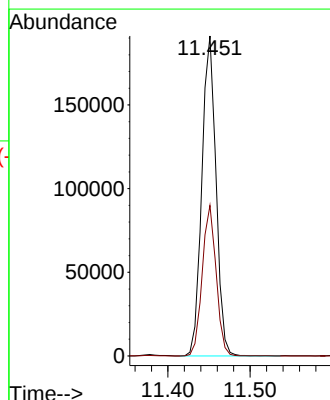
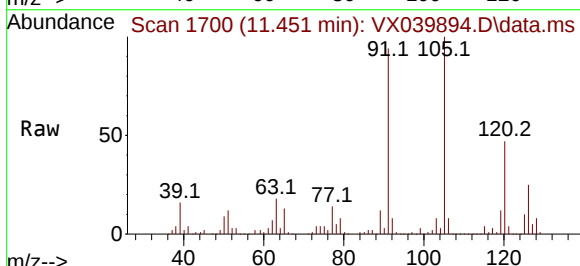
Manual Integrations
APPROVED

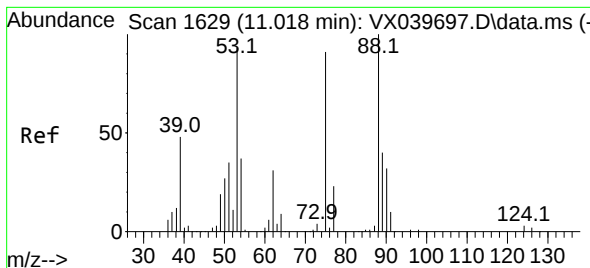
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.836 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:105 Resp: 228994
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3





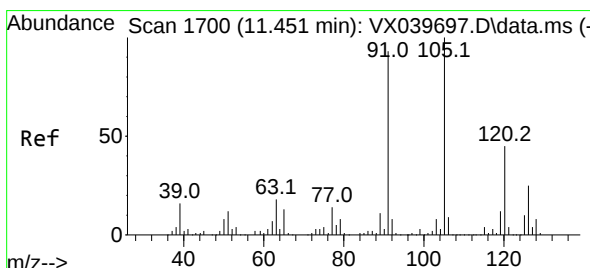
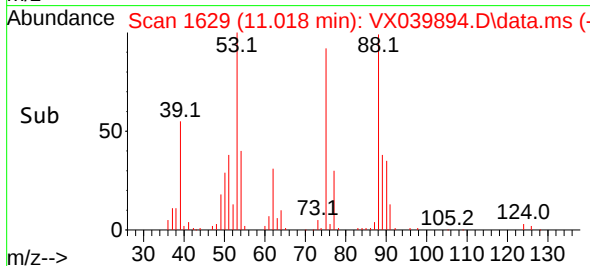
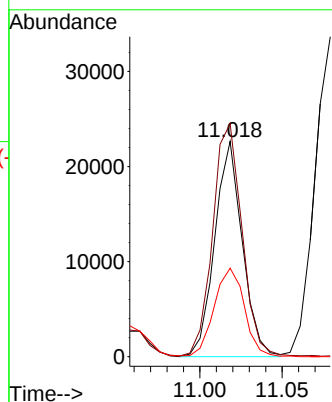
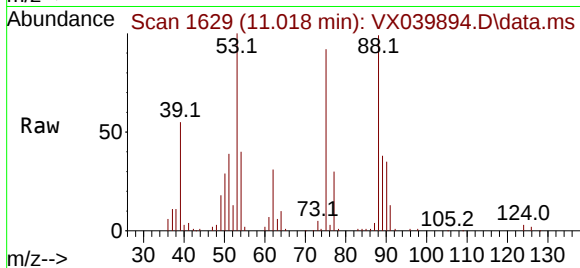
#81
trans-1,4-Dichloro-2-butene
Concen: 46.152 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2646
Ion Ratio Lower Upper
75 100
53 115.6 90.5 135.7
89 44.9 36.9 55.3

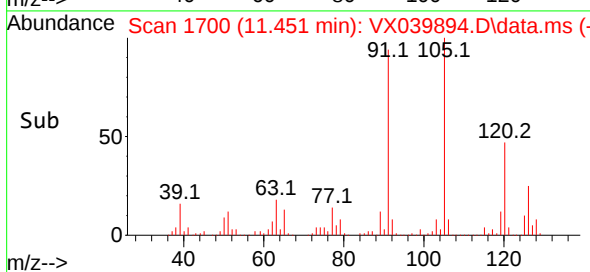
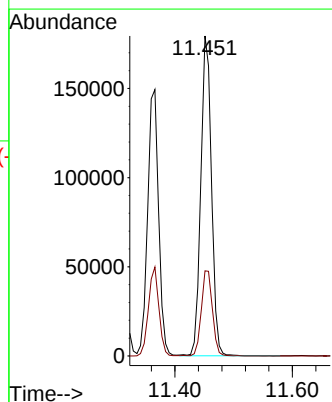
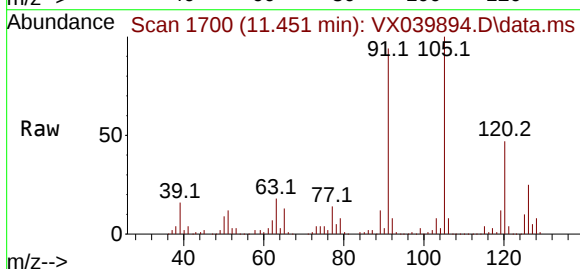
Manual Integrations
APPROVED

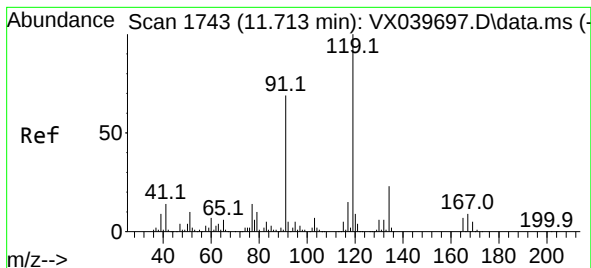
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#82
4-Chlorotoluene
Concen: 50.356 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 91 Resp: 226620
Ion Ratio Lower Upper
91 100
126 27.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.635 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 21776

Ion Ratio Lower Upper

119 100

91 66.6 31.2 93.6

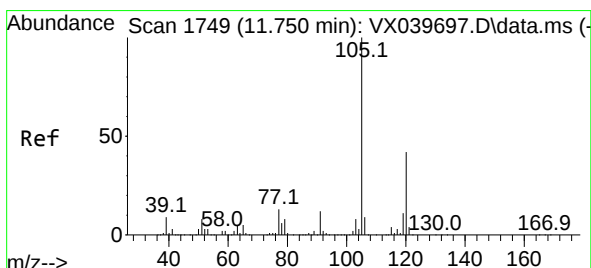
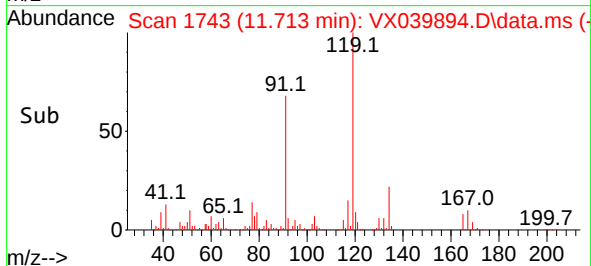
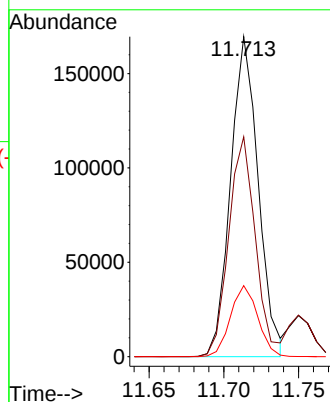
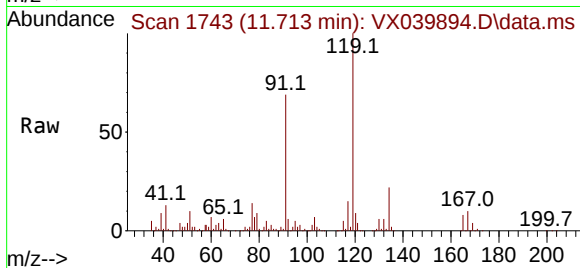
134 22.0 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.987 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039894.D

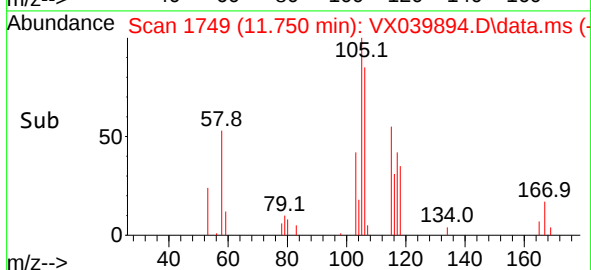
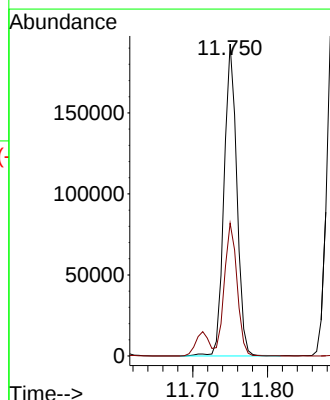
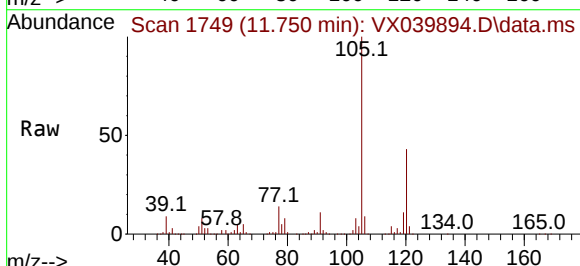
Acq: 22 Jan 2024 19:09

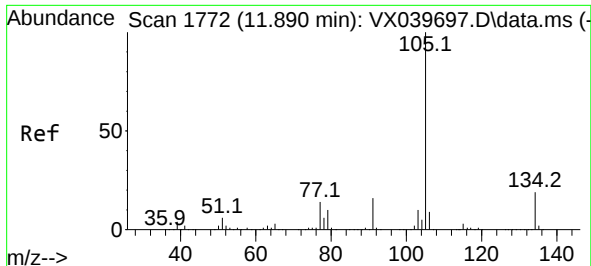
Tgt Ion:105 Resp: 229139

Ion Ratio Lower Upper

105 100

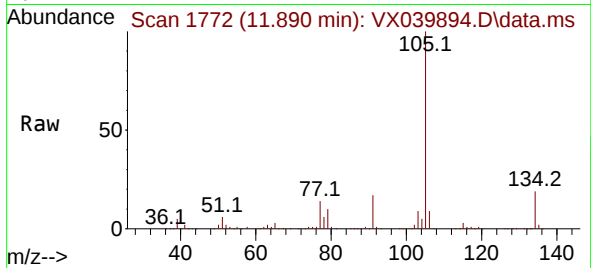
120 42.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.051 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039894.D
 Acq: 22 Jan 2024 19:09

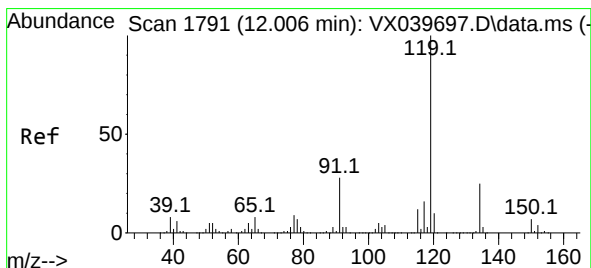
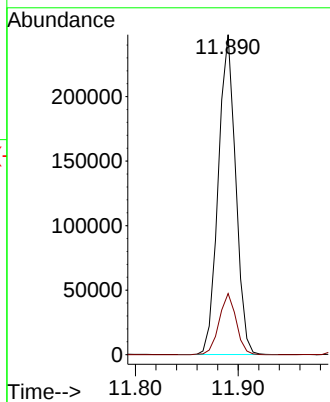
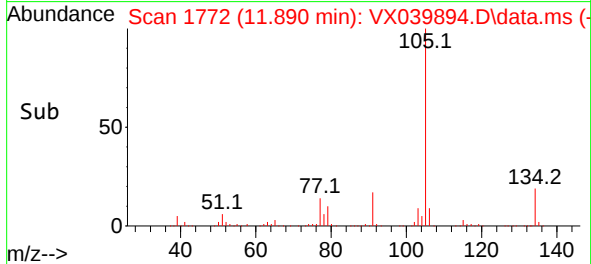
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



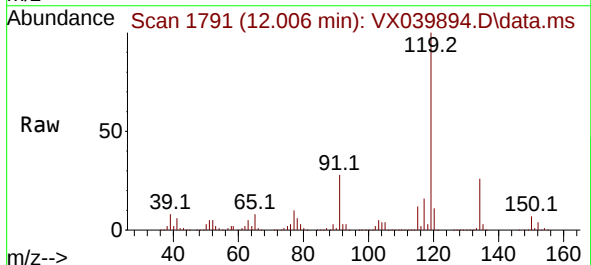
Tgt Ion:105 Resp: 290580
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

Manual Integrations
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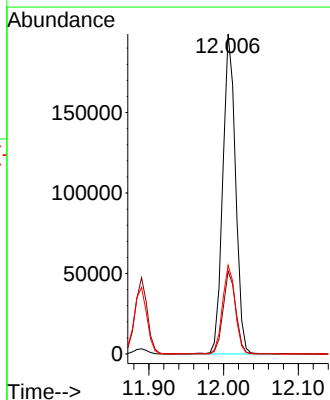
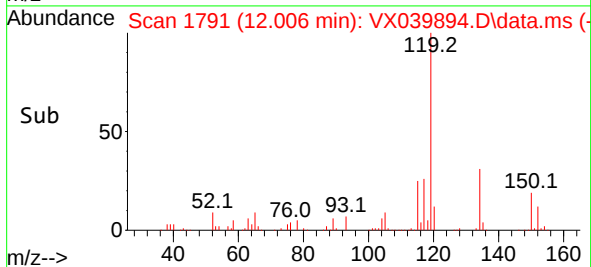
Reviewed By :John Carlone 01/23/2024
 Supervised By :Mahesh Dadoda 01/23/2024

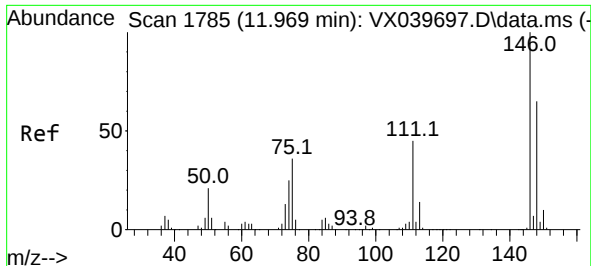


#86
 p-Isopropyltoluene
 Concen: 53.071 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039894.D
 Acq: 22 Jan 2024 19:09



Tgt Ion:119 Resp: 236792
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 27.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.549 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 11442

Ion Ratio Lower Upper

146 100

111 46.0 22.1 66.1

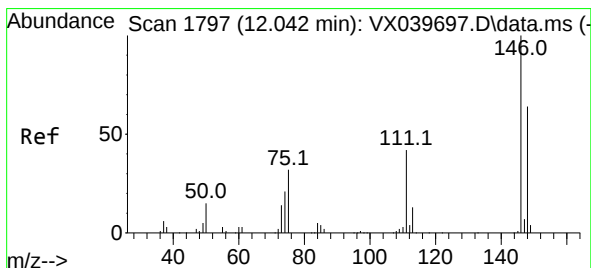
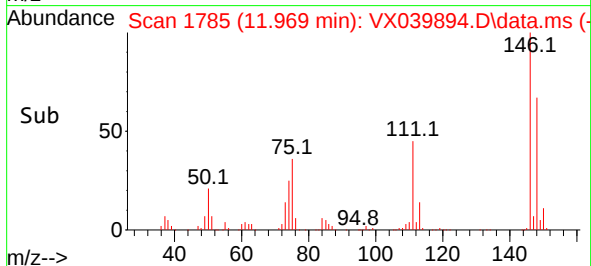
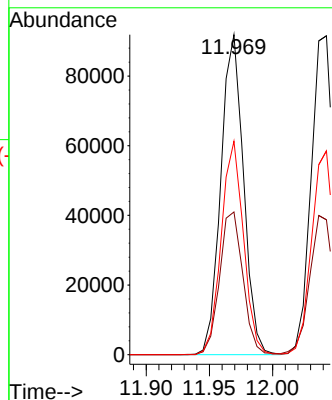
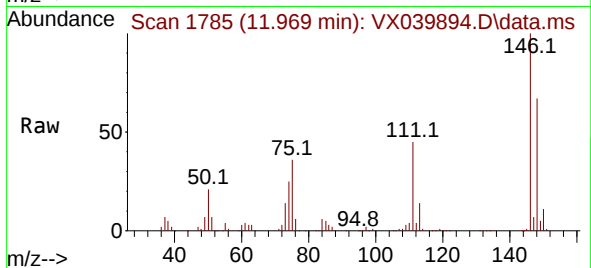
148 65.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#88

1,4-Dichlorobenzene

Concen: 50.482 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

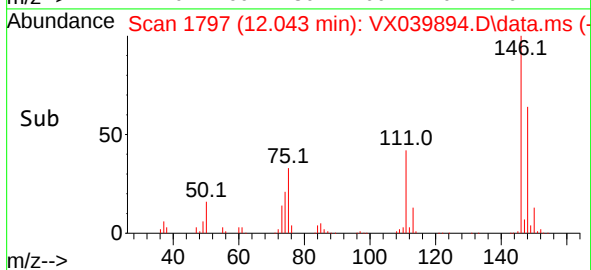
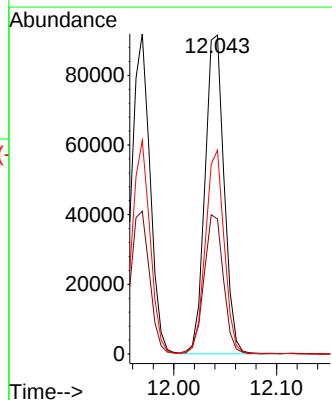
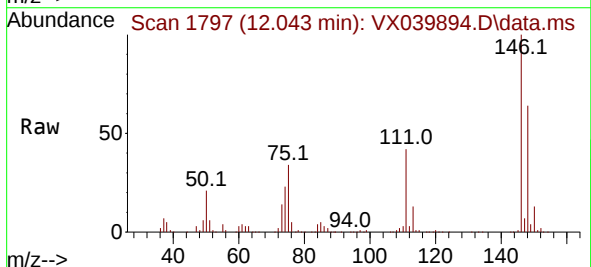
Tgt Ion:146 Resp: 118026

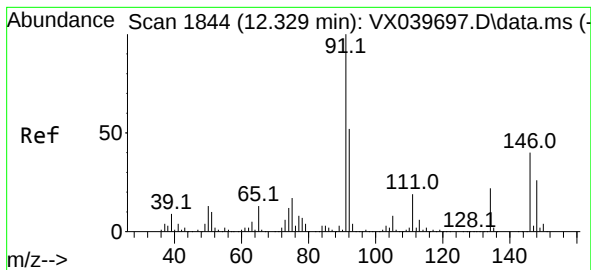
Ion Ratio Lower Upper

146 100

111 44.7 21.3 63.7

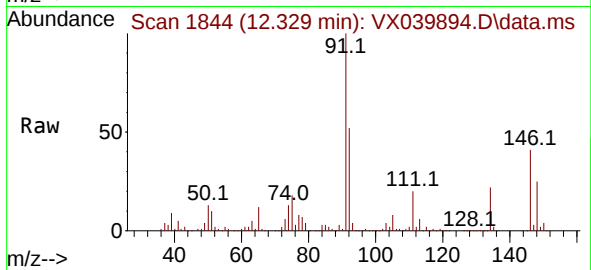
148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 53.177 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

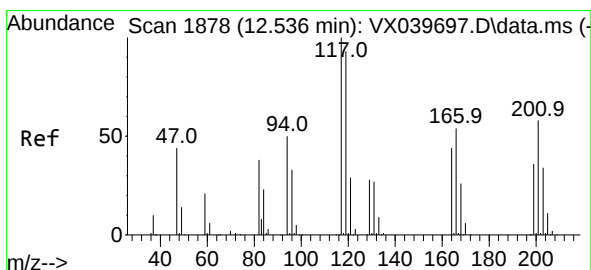
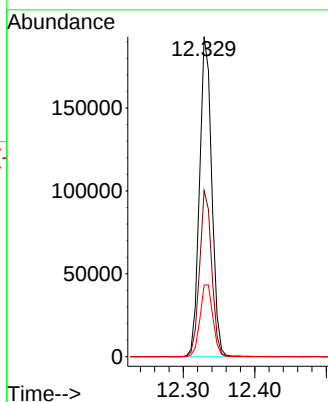
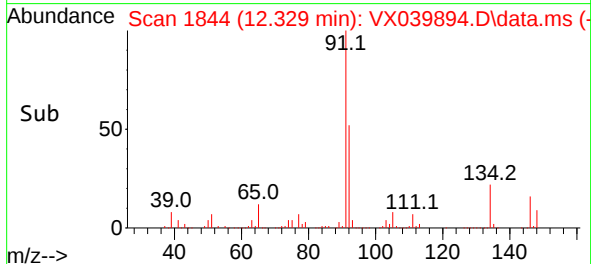
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 22916
Ion Ratio Lower Upper
91 100
92 51.4 27.4 82.0
134 23.7 12.6 37.8

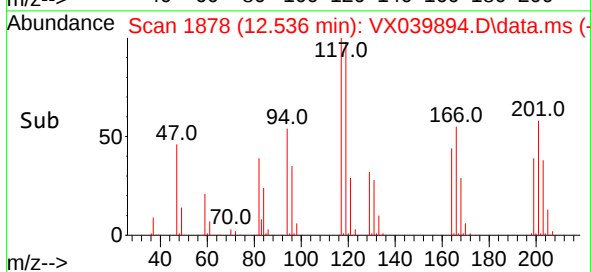
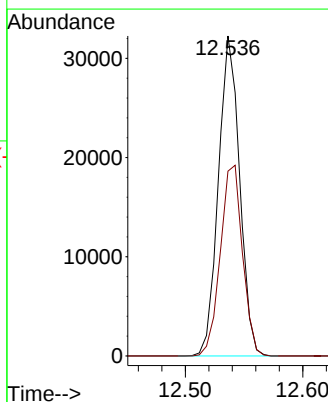
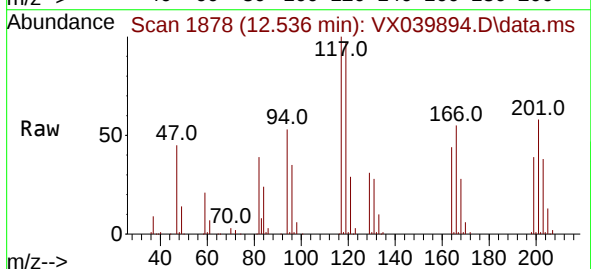
Manual Integrations
APPROVED

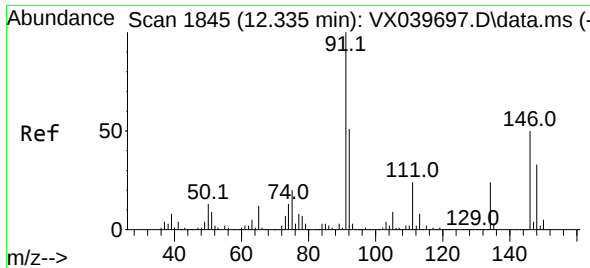
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#90
Hexachloroethane
Concen: 53.796 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

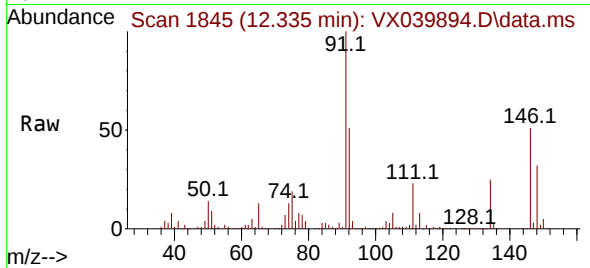
Tgt Ion:117 Resp: 40493
Ion Ratio Lower Upper
117 100
201 62.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.276 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

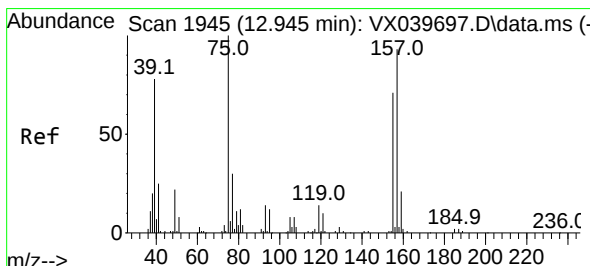
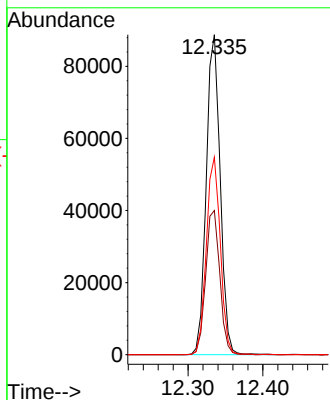
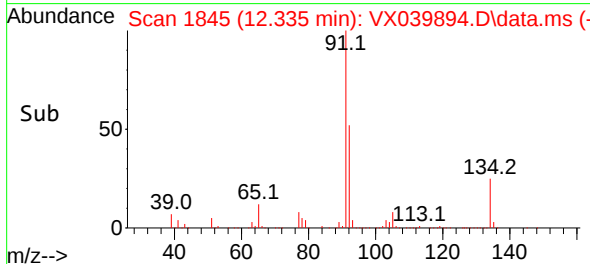
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 114752
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.0
148 62.0 31.6 95.0

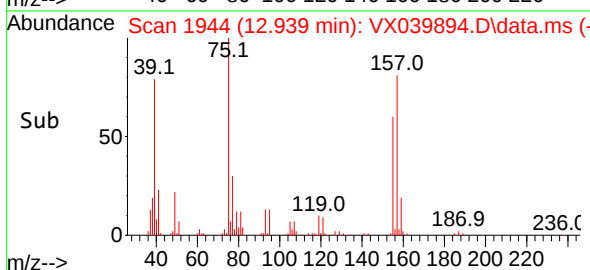
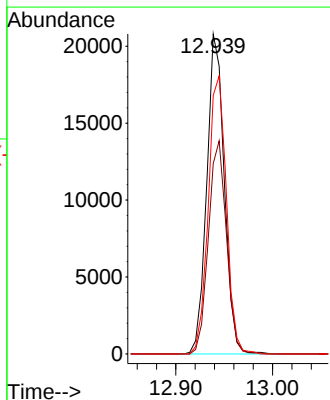
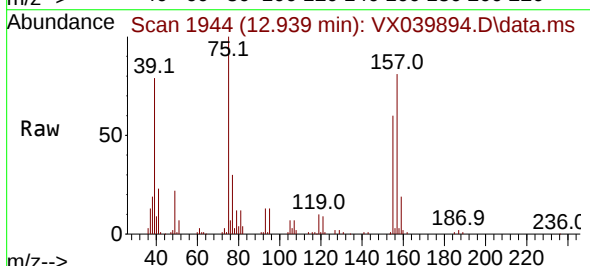
Manual Integrations
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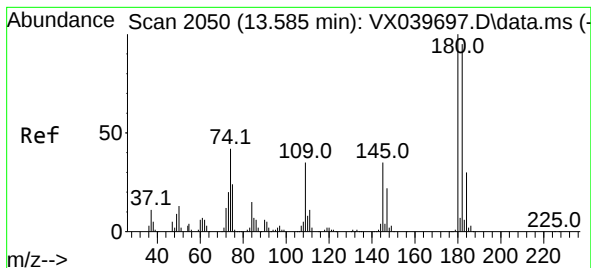
Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.865 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 75 Resp: 26236
Ion Ratio Lower Upper
75 100
155 68.0 36.1 108.5
157 89.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.090 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

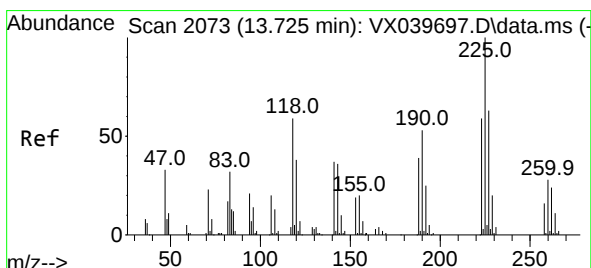
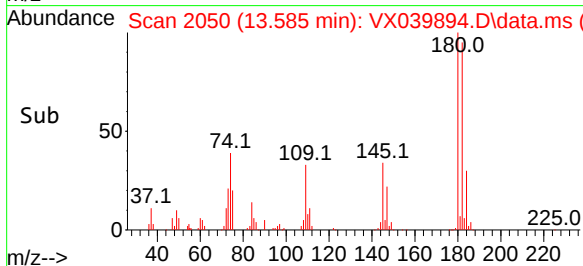
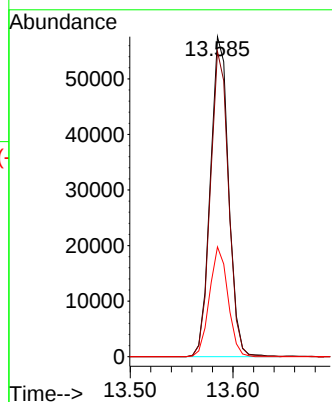
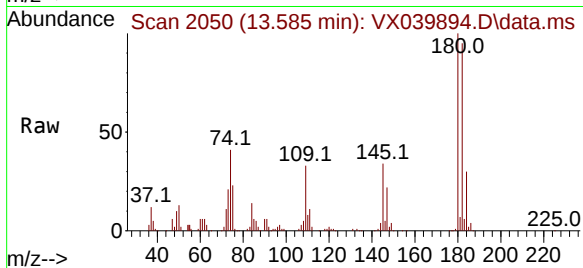
Tgt Ion:180	Resp:	71240
Ion Ratio	Lower	Upper
180	100	
182	95.3	48.3 144.8
145	34.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2024

Supervised By :Mahesh Dadoda 01/23/2024



#94

Hexachlorobutadiene

Concen: 51.793 ug/l

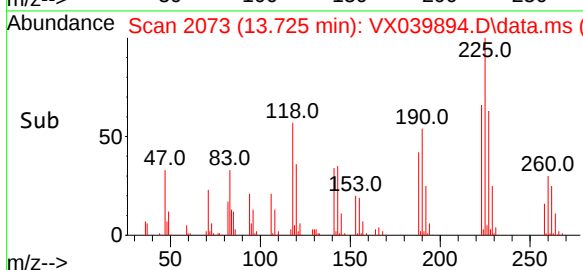
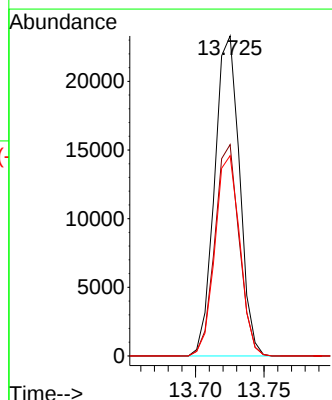
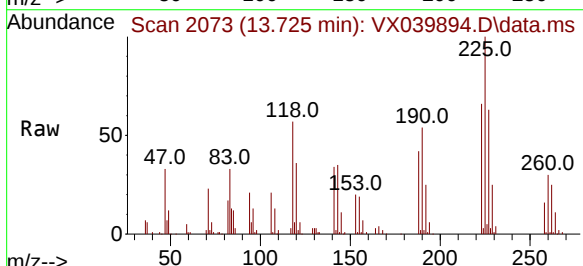
RT: 13.725 min Scan# 2073

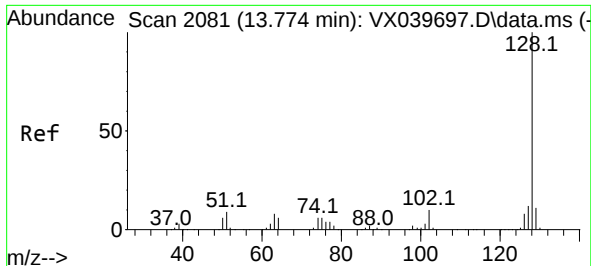
Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

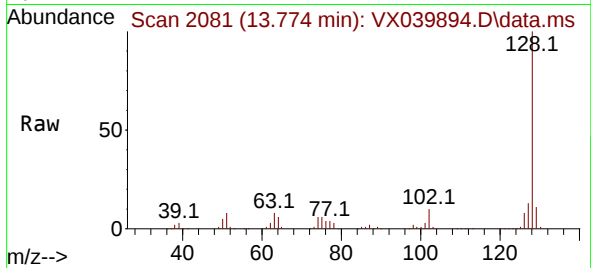
Tgt Ion:225	Resp:	29445
Ion Ratio	Lower	Upper
225	100	
223	64.6	31.1 93.2
227	62.5	32.5 97.5





#95
Naphthalene
Concen: 49.461 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

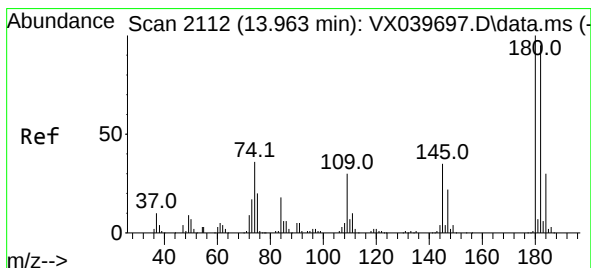
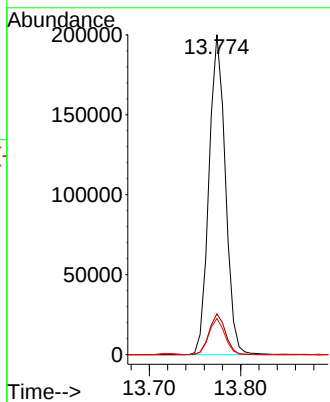
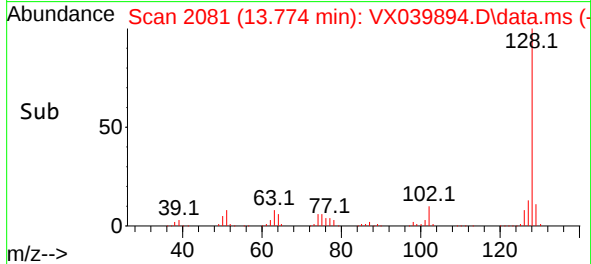
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 24902
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.109 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:180 Resp: 69164
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.6
145 36.1 17.8 53.5

