

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041914.D
 Acq On : 18 Jun 2024 10:40
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 07:50:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	189869	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	281308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103066	47.074	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.140%		
35) Dibromofluoromethane	5.391	113	95187	47.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.380%		
50) Toluene-d8	8.647	98	335098	47.788	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.580%		
62) 4-Bromofluorobenzene	11.079	95	129198	49.983	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.960%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	70789	48.938	ug/l	98
3) Chloromethane	1.307	50	87654	48.303	ug/l	99
4) Vinyl Chloride	1.374	62	88191	48.482	ug/l	99
5) Bromomethane	1.599	94	44149	49.150	ug/l	100
6) Chloroethane	1.660	64	39237	52.014	ug/l	96
7) Trichlorofluoromethane	1.867	101	112293	47.117	ug/l	98
8) Diethyl Ether	2.136	74	54736	48.927	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.312	101	80230	48.869	ug/l	86
10) Methyl Iodide	2.440	142	100192	49.101	ug/l #	87
11) Tert butyl alcohol	3.007	59	105462	253.809	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	81035	49.483	ug/l	83
13) Acrolein	2.239	56	115880	248.789	ug/l	99
14) Allyl chloride	2.660	41	131229	50.527	ug/l	90
15) Acrylonitrile	3.075	53	278686	256.775	ug/l	98
16) Acetone	2.398	43	219641	228.464	ug/l #	89
17) Carbon Disulfide	2.501	76	155219	46.485	ug/l	100
18) Methyl Acetate	2.709	43	139255	53.098	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	275607	50.942	ug/l	98
20) Methylene Chloride	2.782	84	95329	45.285	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	81535	49.057	ug/l	85
22) Diisopropyl ether	3.770	45	279463	50.906	ug/l #	84
23) Vinyl Acetate	3.727	43	1222762	260.808	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	154268	50.180	ug/l	96
25) 2-Butanone	4.574	43	384159	256.847	ug/l	95
26) 2,2-Dichloropropane	4.471	77	111450	50.061	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	105063	50.471	ug/l	86
28) Bromochloromethane	4.903	49	62973	47.824	ug/l #	74
29) Tetrahydrofuran	5.019	42	250750	259.588	ug/l	95
30) Chloroform	5.099	83	159943	49.937	ug/l	96
31) Cyclohexane	5.464	56	123406	48.196	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	135849	50.760	ug/l	96
36) 1,1-Dichloropropene	5.690	75	101868	48.060	ug/l	95
37) Ethyl Acetate	4.727	43	142202	51.502	ug/l	97
38) Carbon Tetrachloride	5.678	117	116027	49.544	ug/l	98
39) Methylcyclohexane	7.379	83	129026	48.133	ug/l	92
40) Benzene	6.037	78	348309	48.724	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	77557	51.818	ug/l	93
42) 1,2-Dichloroethane	6.086	62	114325	49.649	ug/l	91
43) Isopropyl Acetate	6.348	43	214817	50.687	ug/l	94
44) Trichloroethene	7.129	130	94798	49.472	ug/l	83
45) 1,2-Dichloropropane	7.434	63	88141	50.144	ug/l	100
46) Dibromomethane	7.580	93	64328	50.228	ug/l #	77
47) Bromodichloromethane	7.824	83	120115	51.083	ug/l	98
48) Methyl methacrylate	7.696	41	107065	52.934	ug/l	86
49) 1,4-Dioxane	7.665	88	49891	933.566	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	760407	260.467	ug/l	95
52) Toluene	8.720	92	228395	50.173	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	120625	48.563	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	135213	52.523	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	97281	51.299	ug/l	99
56) Ethyl methacrylate	9.122	69	157961	53.543	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	155161	50.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	370346	269.380	ug/l	94
59) 2-Hexanone	9.433	43	591327	264.457	ug/l	93
60) Dibromochloromethane	9.525	129	108856	52.845	ug/l	98
61) 1,2-Dibromoethane	9.610	107	99768	50.730	ug/l	100
64) Tetrachloroethene	9.275	164	89806	47.350	ug/l	92
65) Chlorobenzene	10.079	112	264842	48.886	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	97576	51.443	ug/l	99
67) Ethyl Benzene	10.195	91	427736	50.380	ug/l	96
68) m/p-Xylenes	10.299	106	343813	100.316	ug/l	91
69) o-Xylene	10.640	106	172816	50.931	ug/l	91
70) Styrene	10.659	104	298778	52.510	ug/l	94
71) Bromoform	10.799	173	91444	49.964	ug/l #	100
73) Isopropylbenzene	10.963	105	438747	50.781	ug/l	96
74) N-amyl acetate	10.841	43	199620	52.014	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	159005	49.495	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	125554m	48.672	ug/l	
77) Bromobenzene	11.201	156	129276	50.239	ug/l	78
78) n-propylbenzene	11.305	91	484233	51.654	ug/l	95
79) 2-Chlorotoluene	11.366	91	301142	49.858	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	368536	51.211	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	47395	52.178	ug/l	88
82) 4-Chlorotoluene	11.457	91	343422	51.435	ug/l	93
83) tert-Butylbenzene	11.713	119	403958	51.157	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	375981	52.076	ug/l	92
85) sec-Butylbenzene	11.890	105	464851	52.047	ug/l	94
86) p-Isopropyltoluene	12.006	119	408207	52.321	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	229174	50.669	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	229043	49.471	ug/l	95
89) n-Butylbenzene	12.335	91	315296	52.499	ug/l	97
90) Hexachloroethane	12.536	117	68179	51.328	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	233647	50.484	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33889	53.231	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.585	180	157819	52.054	ug/l	96
94) Hexachlorobutadiene	13.725	225	75907	49.512	ug/l	98
95) Naphthalene	13.774	128	509374	49.999	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	166540	52.083	ug/l	96

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MSVOA_X
ClientSampleId :
VSTDICCC050

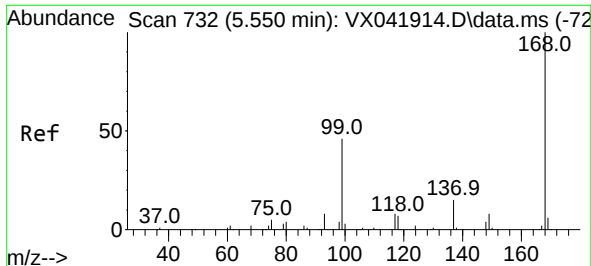
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Jun 19 07:27:13 2024
Response via : Initial Calibration

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



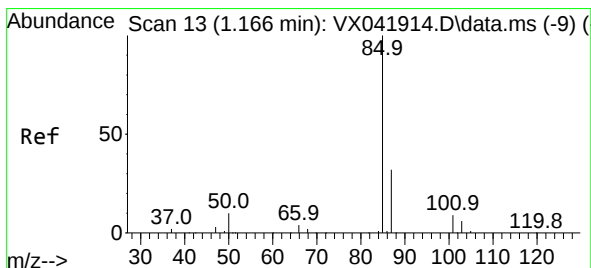
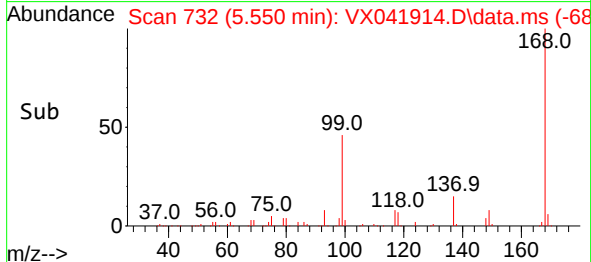
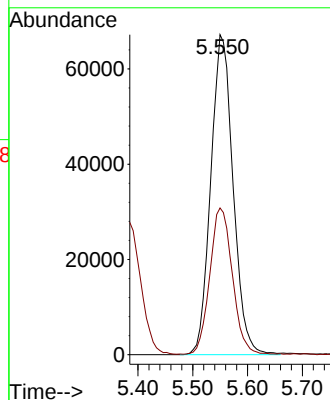
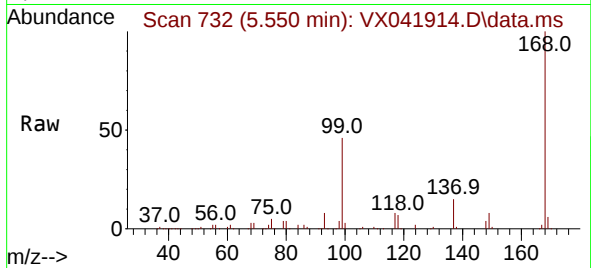
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041914.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 189869
Ion Ratio Lower Upper
168 100
99 45.6 56.6 85.0

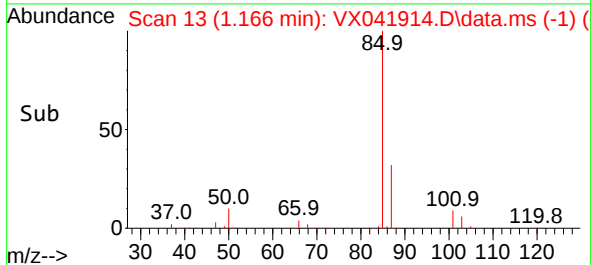
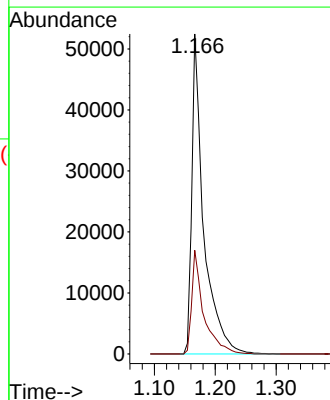
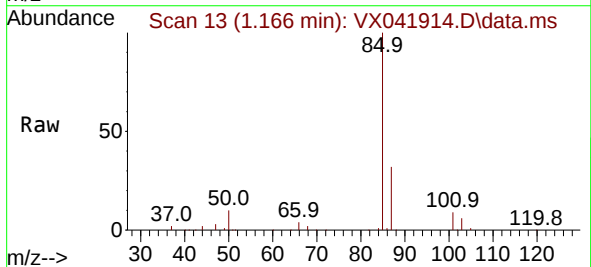
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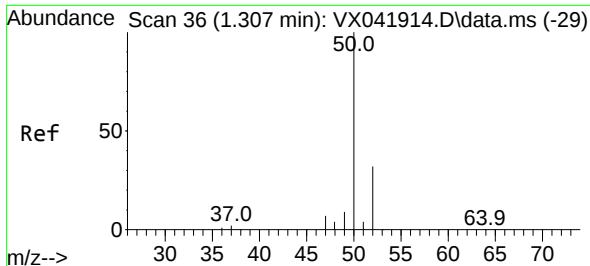
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#2
Dichlorodifluoromethane
Concen: 48.938 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 85 Resp: 70789
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





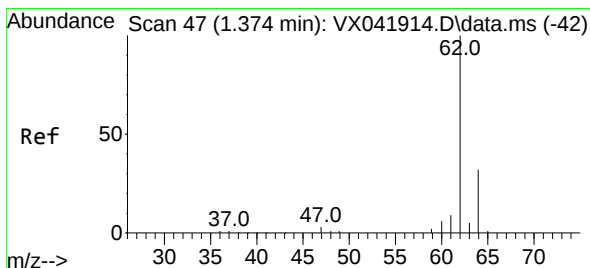
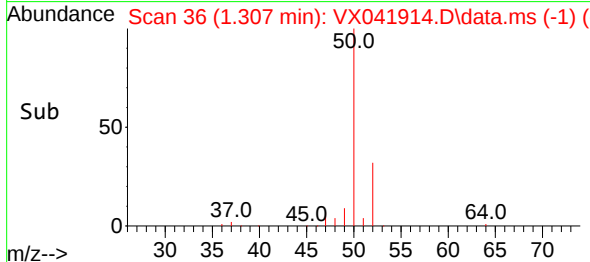
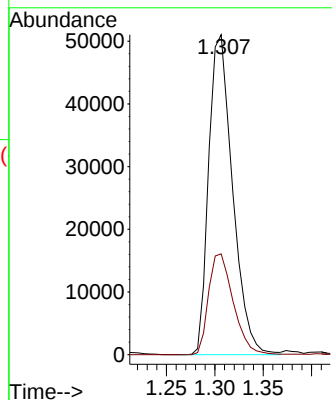
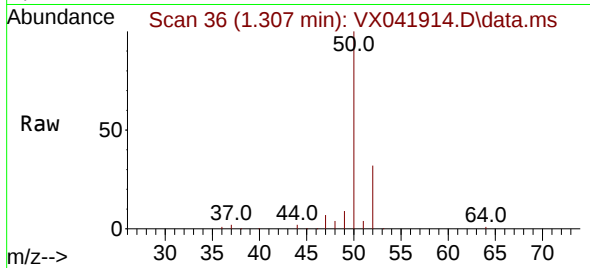
#3
Chloromethane
Concen: 48.303 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 87654
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3

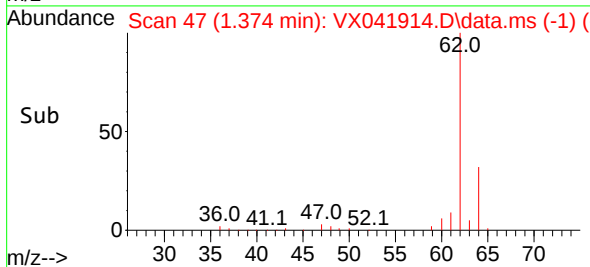
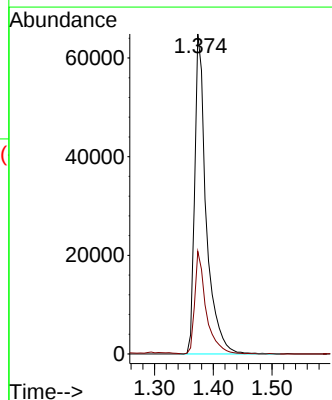
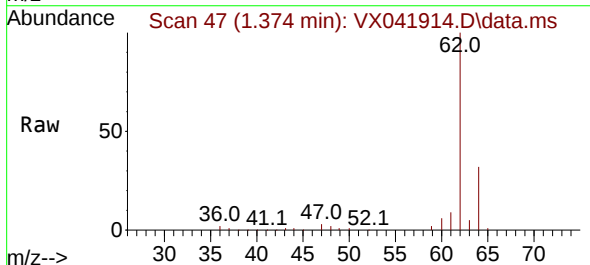
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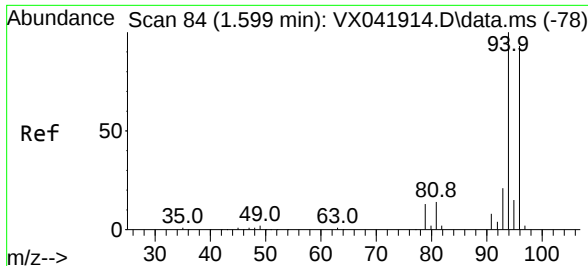
Reviewed By :John Carlone 06/19/2024
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#4
Vinyl Chloride
Concen: 48.482 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

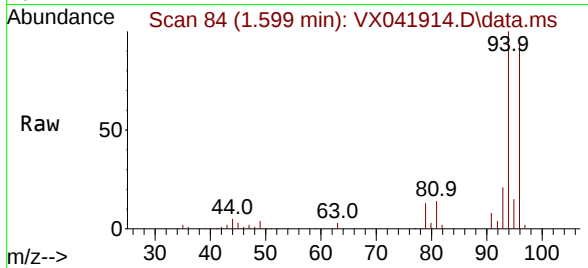
Tgt Ion: 62 Resp: 88191
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 49.150 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

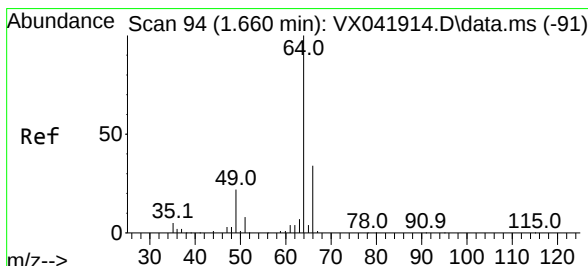
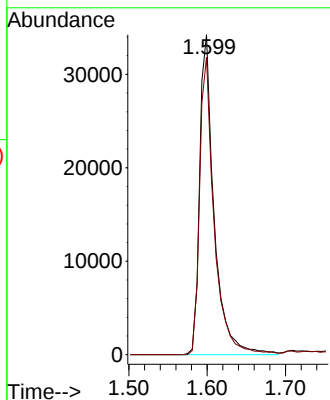
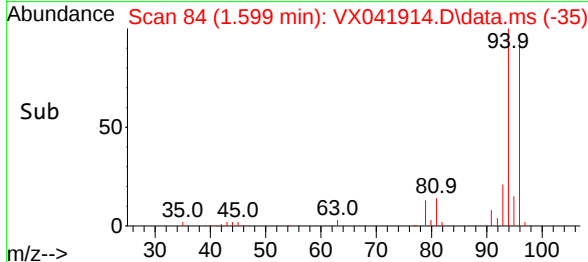
Instrument :
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Tgt Ion: 94 Resp: 44149
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8

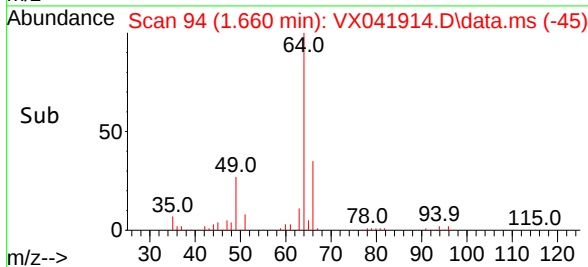
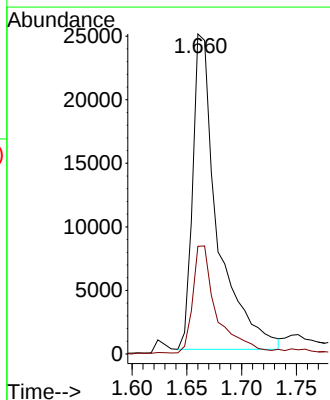
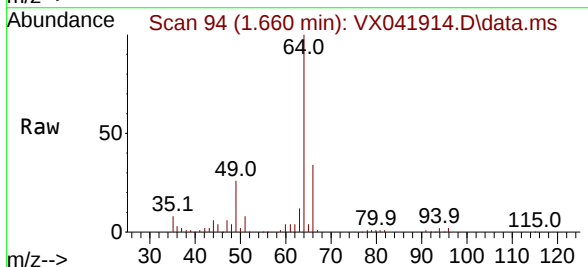
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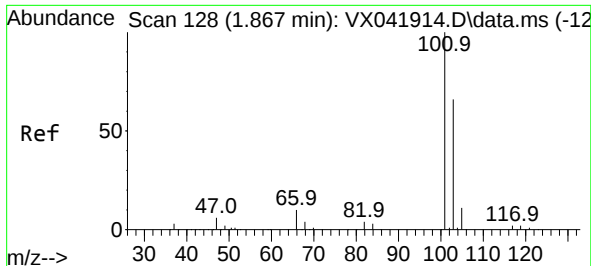
Reviewed By :John Carlone 06/19/2024
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#6
Chloroethane
Concen: 52.014 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX041914.D
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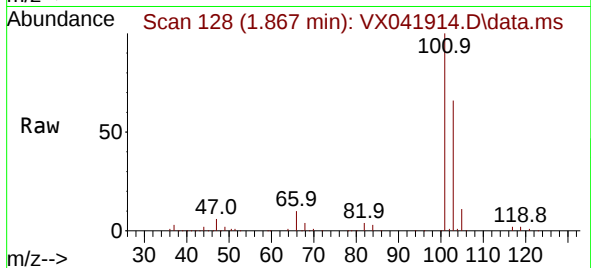
Tgt Ion: 64 Resp: 39237
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 47.117 ug/l
RT: 1.867 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041914.D
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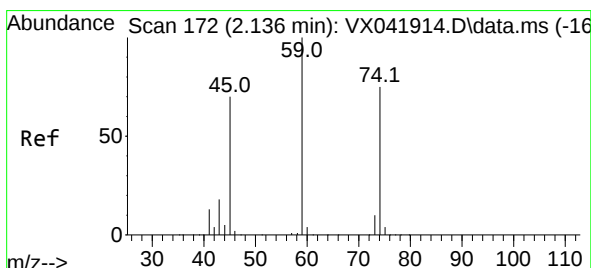
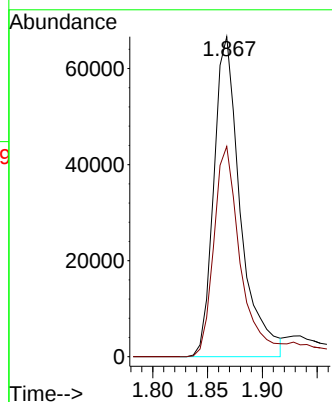
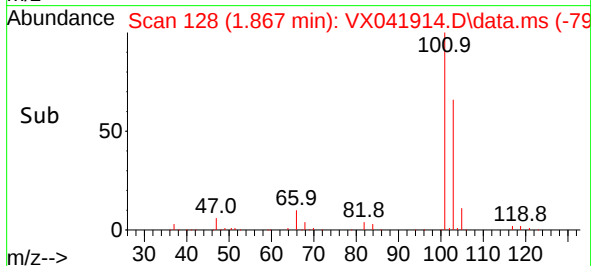
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 11229
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.2

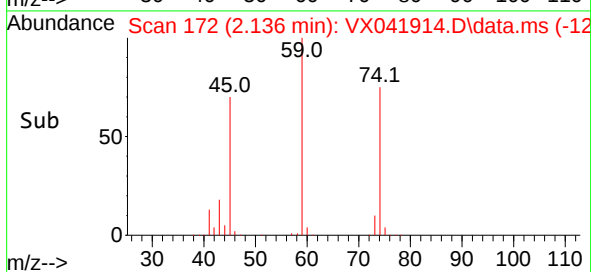
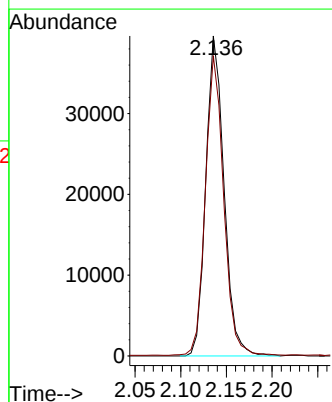
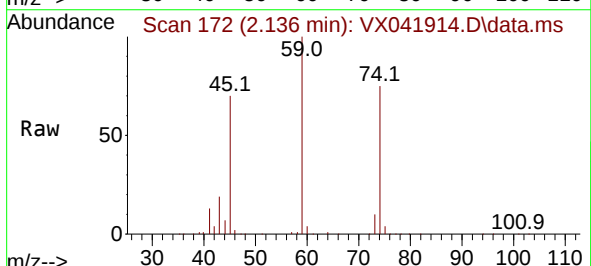
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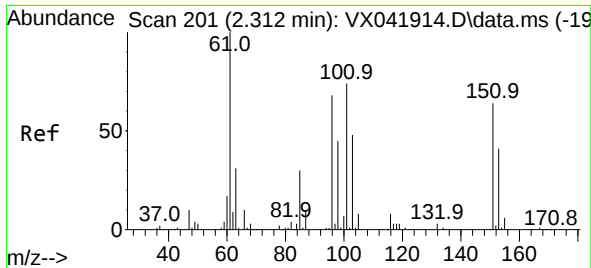
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#8
Diethyl Ether
Concen: 48.927 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 74 Resp: 54736
Ion Ratio Lower Upper
74 100
45 94.1 53.3 159.8





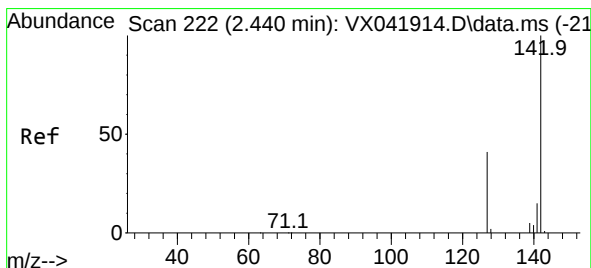
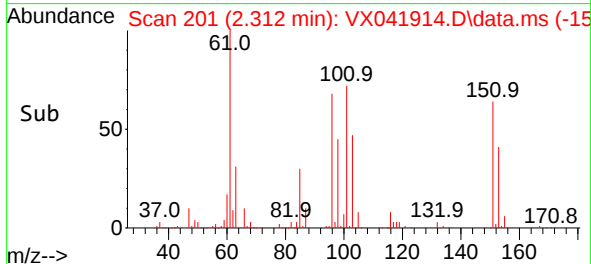
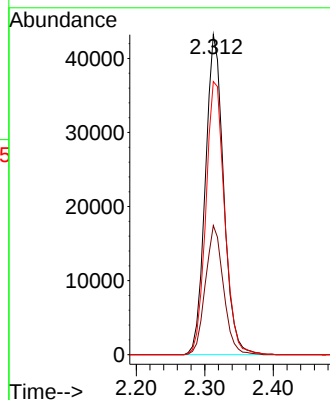
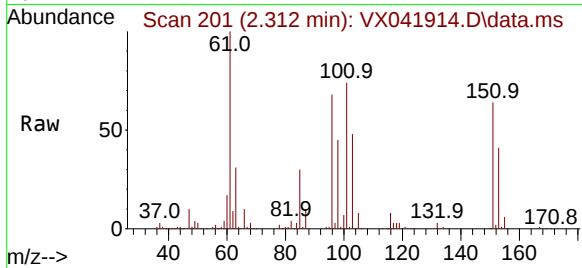
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.869 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 80230
Ion Ratio Lower Upper
101 100
85 39.8 37.0 55.6
151 87.5 58.6 87.8

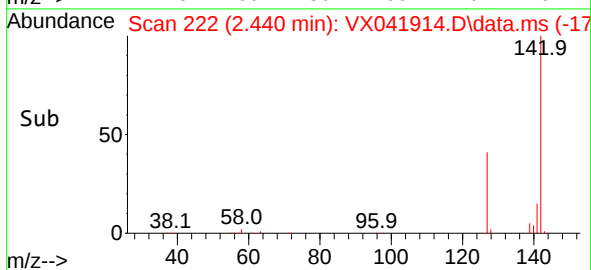
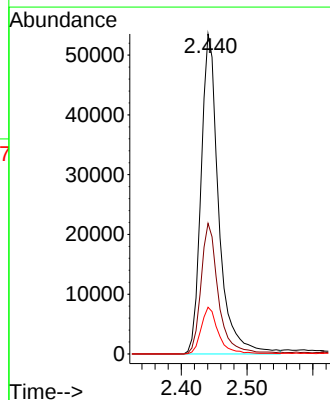
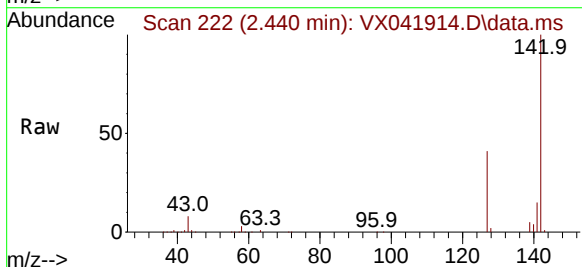
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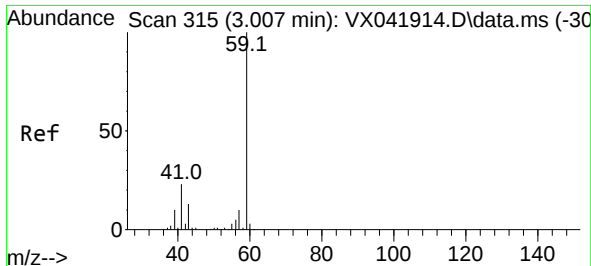
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#10
Methyl Iodide
Concen: 49.101 ug/l
RT: 2.440 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion:142 Resp: 100192
Ion Ratio Lower Upper
142 100
127 40.3 41.6 62.4#
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 253.809 ug/l

RT: 3.007 min Scan# 315

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 105462

Ion Ratio Lower Upper

59 100

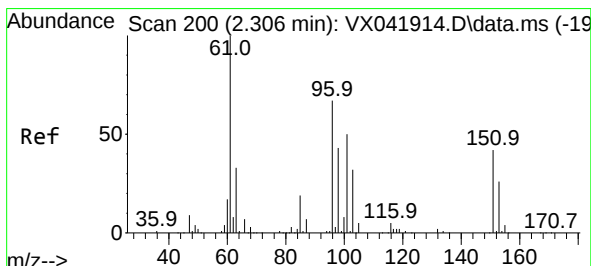
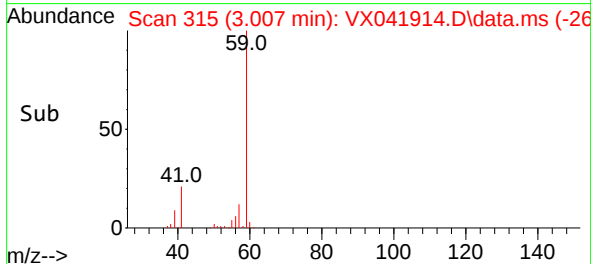
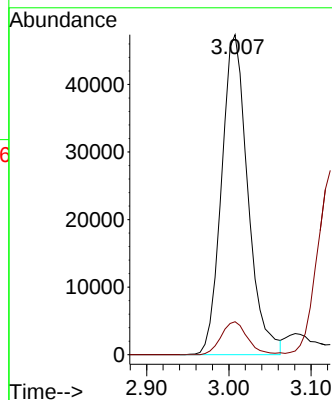
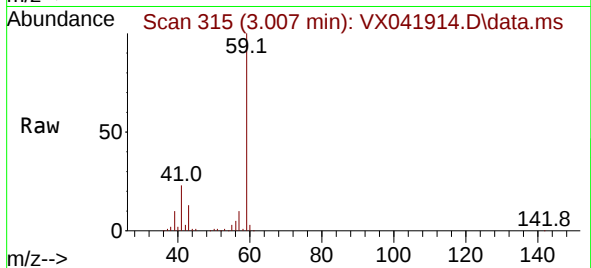
57 10.3 6.0 9.0

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Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#12

1,1-Dichloroethene

Concen: 49.483 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

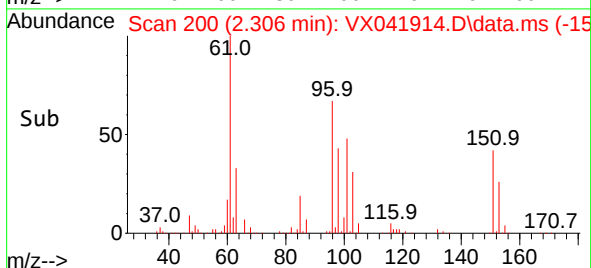
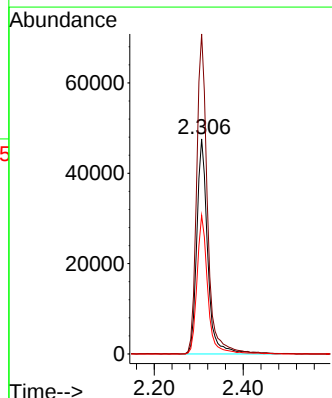
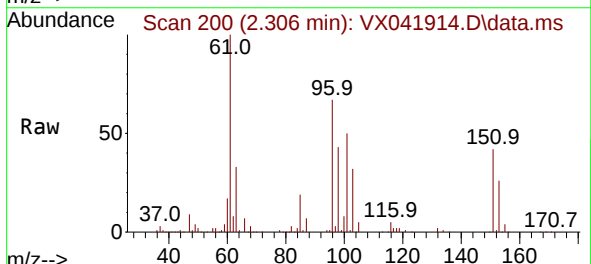
Tgt Ion: 96 Resp: 81035

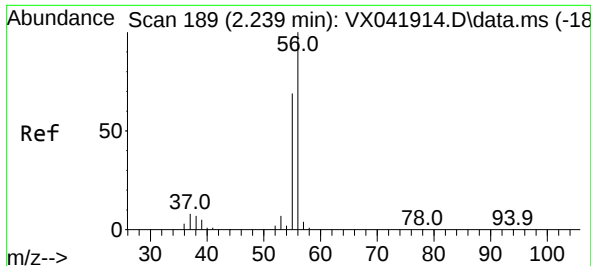
Ion Ratio Lower Upper

96 100

61 148.8 144.6 216.8

98 64.4 50.4 75.6





#13

Acrolein

Concen: 248.789 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 115880

Ion Ratio Lower Upper

56 100

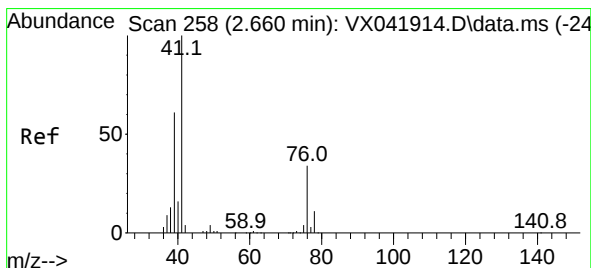
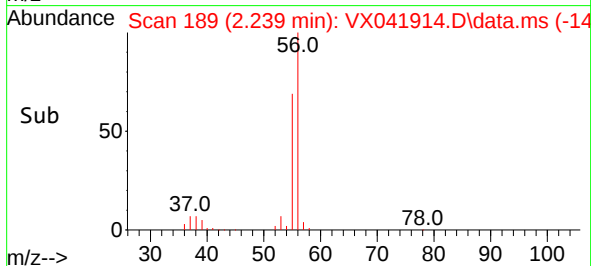
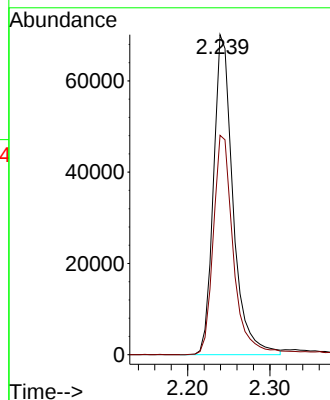
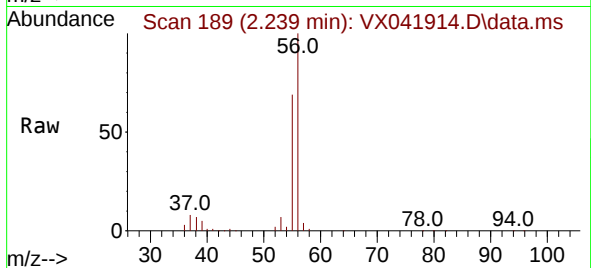
55 72.0 57.1 85.7

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Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#14

Allyl chloride

Concen: 50.527 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

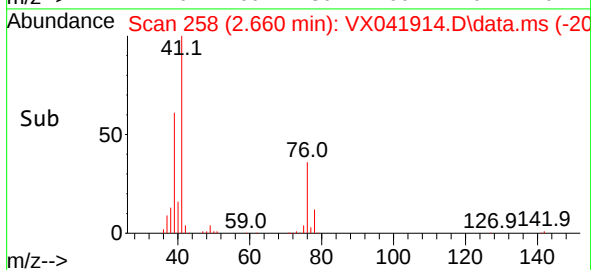
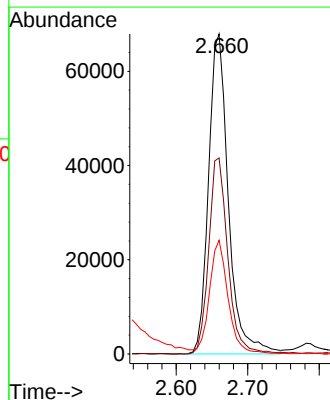
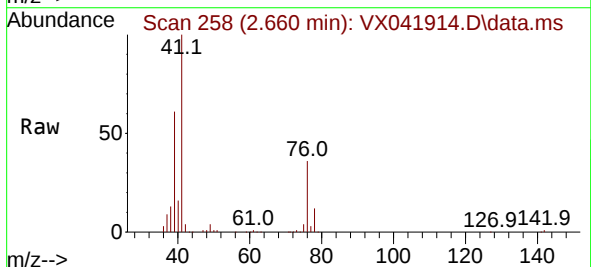
Tgt Ion: 41 Resp: 131229

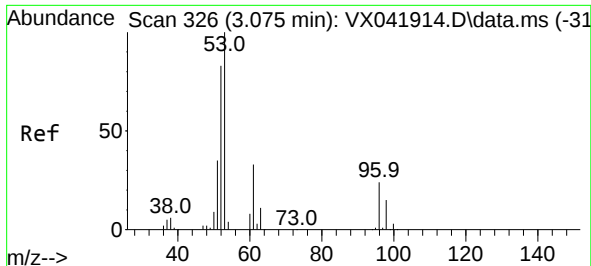
Ion Ratio Lower Upper

41 100

39 59.3 55.8 83.6

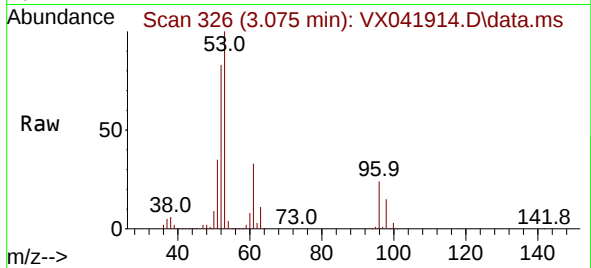
76 33.3 24.3 36.5





#15
Acrylonitrile
Concen: 256.775 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

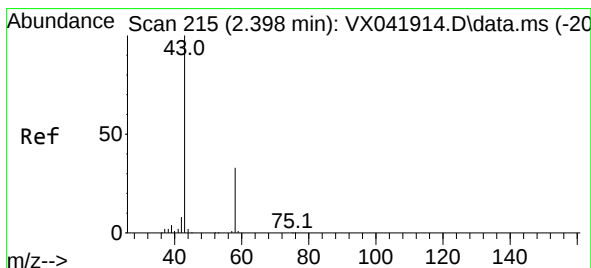
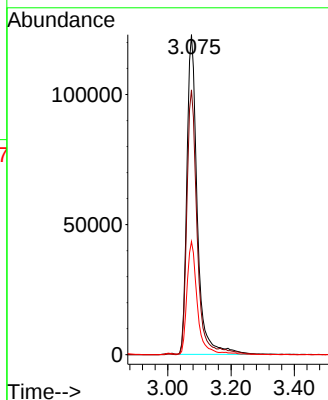
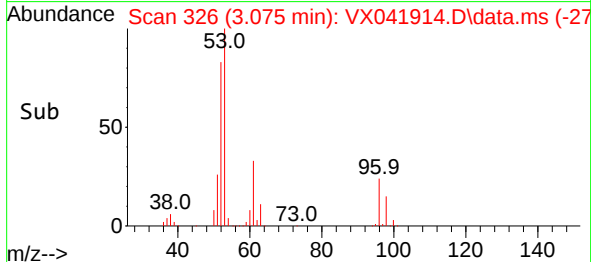
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 278680
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 33.9 29.8 44.6

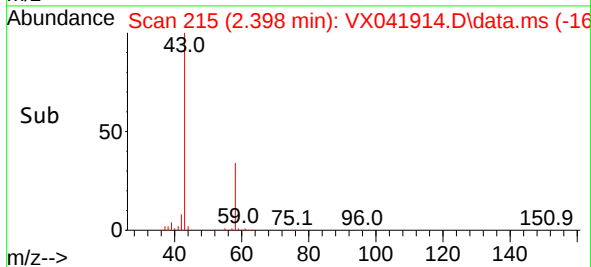
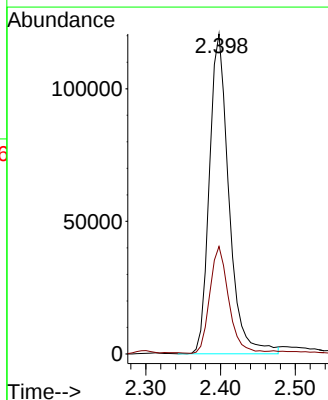
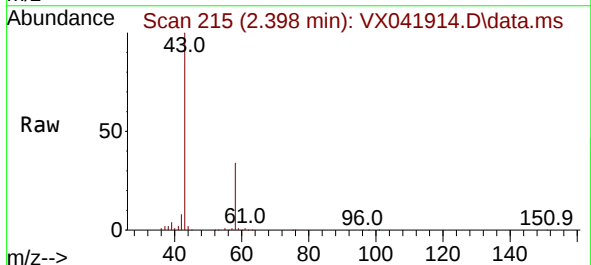
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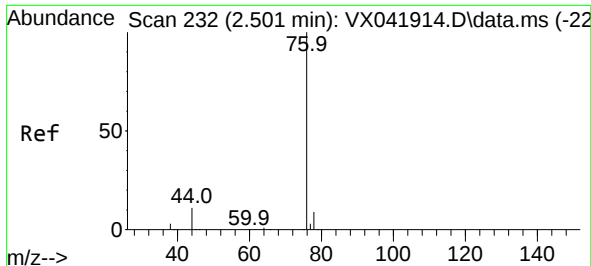
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#16
Acetone
Concen: 228.464 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

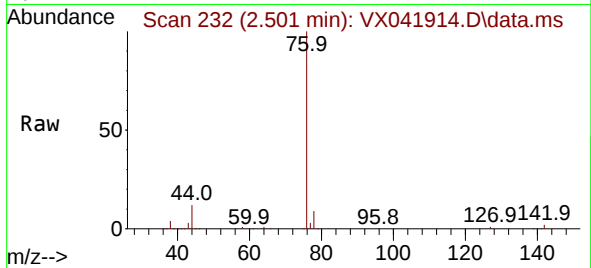
Tgt Ion: 43 Resp: 219641
Ion Ratio Lower Upper
43 100
58 33.2 21.9 32.9





#17
Carbon Disulfide
Concen: 46.485 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

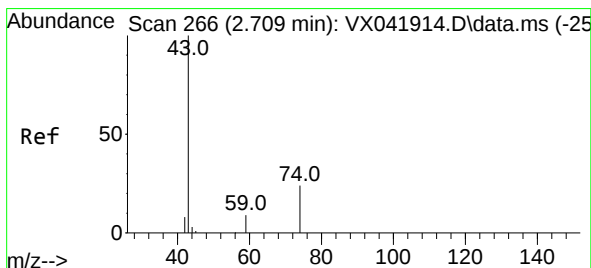
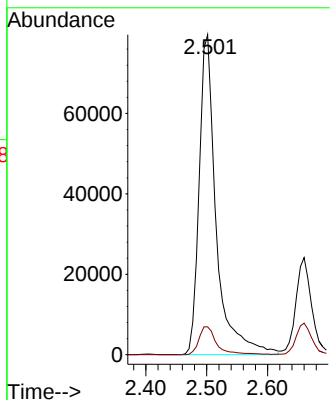
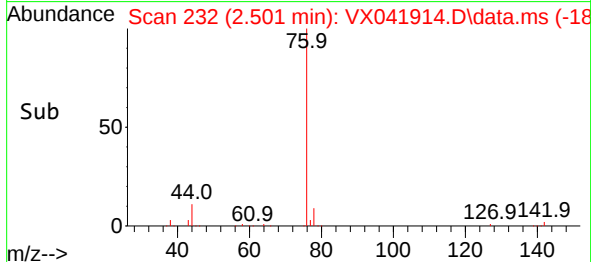
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



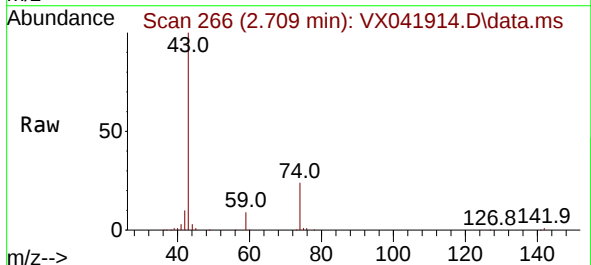
Tgt Ion: 76 Resp: 155219
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

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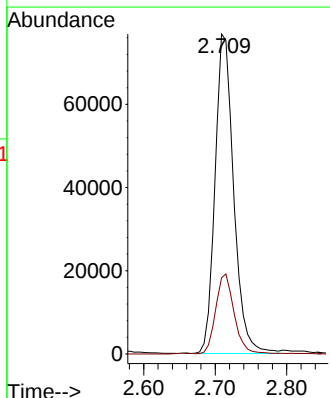
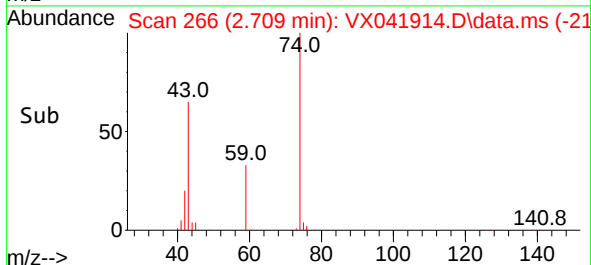
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

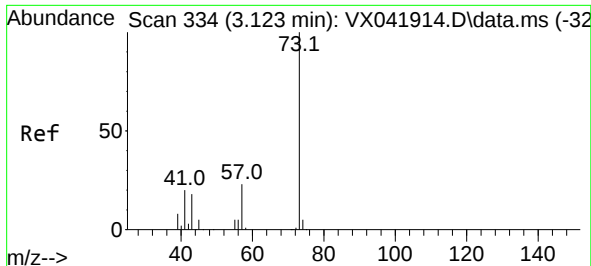


#18
Methyl Acetate
Concen: 53.098 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40



Tgt Ion: 43 Resp: 139255
Ion Ratio Lower Upper
43 100
74 24.5 17.8 26.8





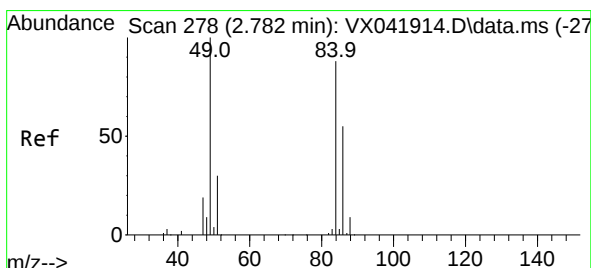
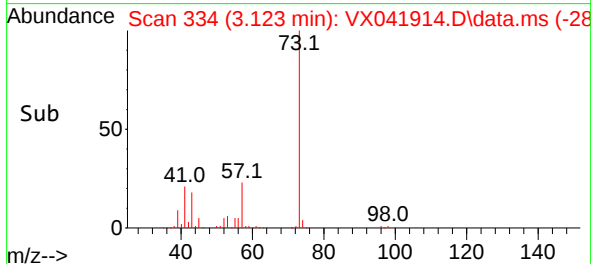
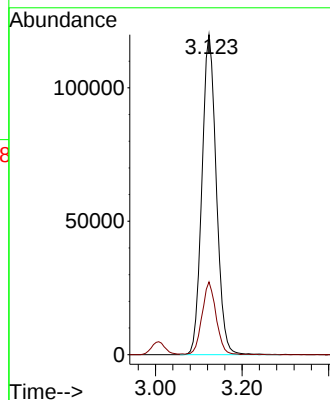
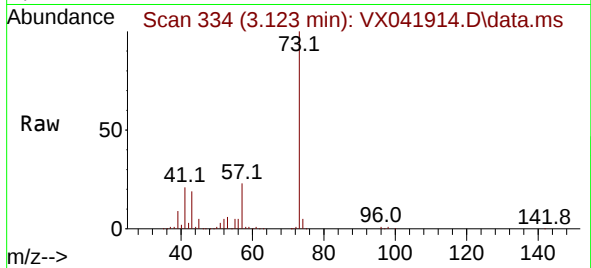
#19
Methyl tert-butyl Ether
Concen: 50.942 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 27560
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

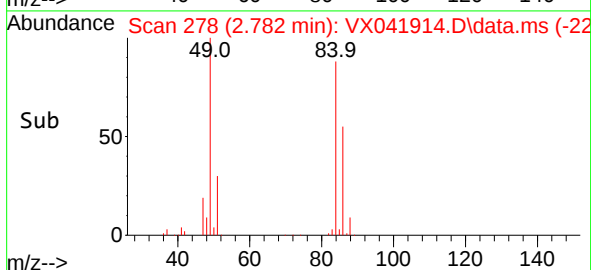
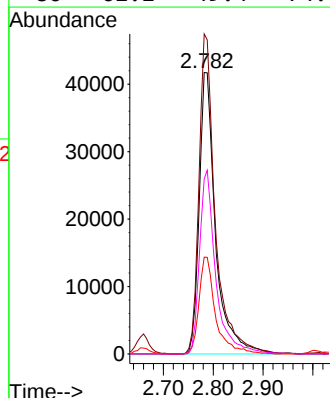
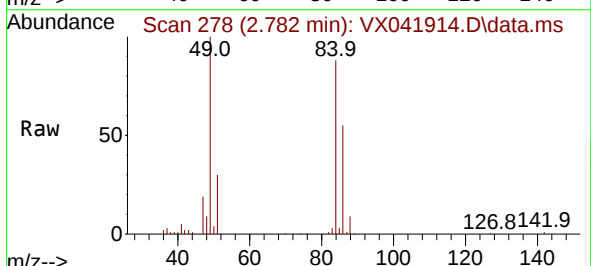
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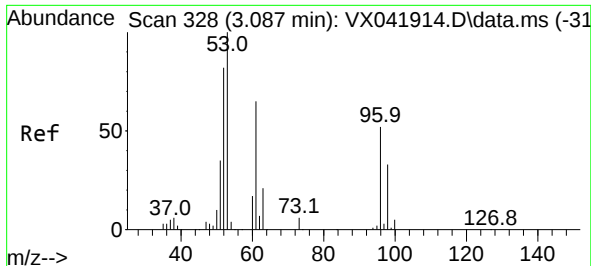
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#20
Methylene Chloride
Concen: 45.285 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 84 Resp: 95329
Ion Ratio Lower Upper
84 100
49 113.7 103.6 155.4
51 34.4 33.8 50.6
86 62.2 49.4 74.0





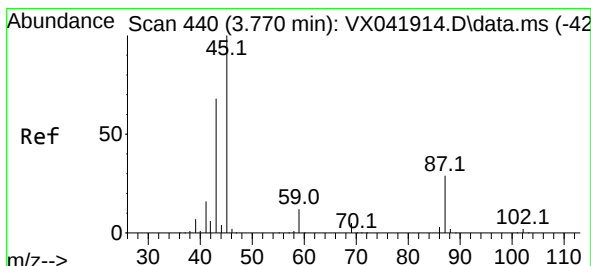
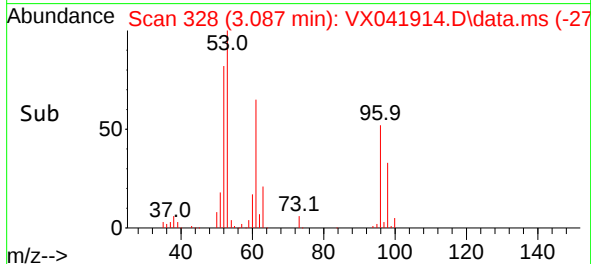
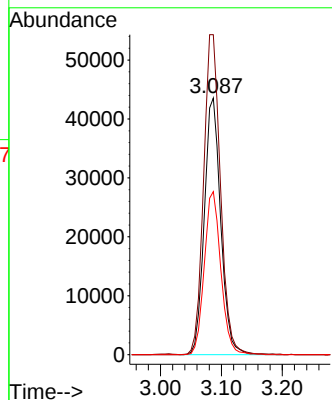
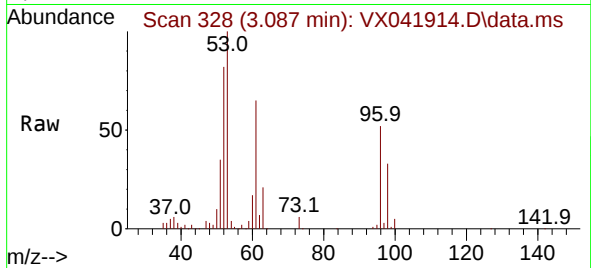
#21
trans-1,2-Dichloroethene
Concen: 49.057 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 81538
Ion Ratio Lower Upper
96 100
61 124.7 119.2 178.8
98 63.6 48.7 73.1

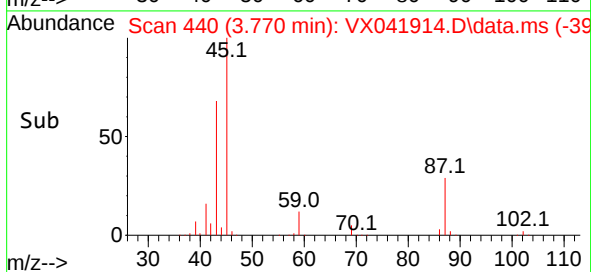
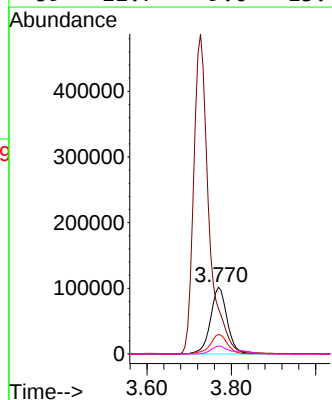
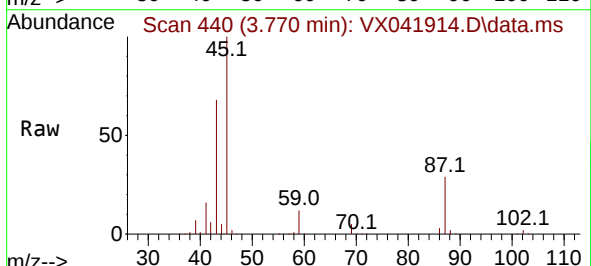
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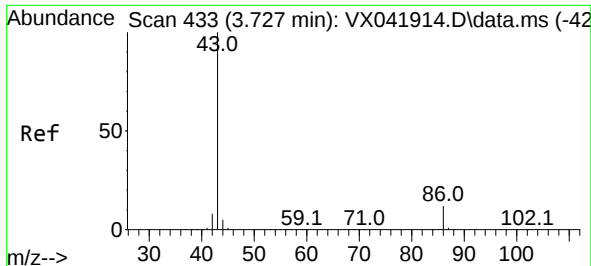
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#22
Diisopropyl ether
Concen: 50.906 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 45 Resp: 279463
Ion Ratio Lower Upper
45 100
43 67.7 69.7 104.5#
87 29.3 20.8 31.2
59 11.7 9.0 13.4





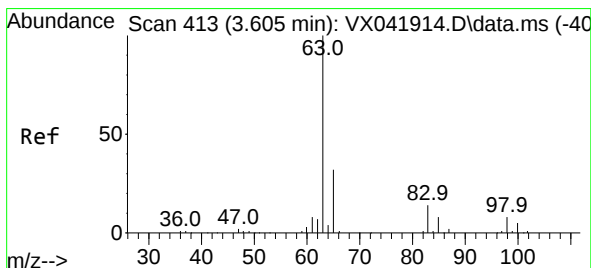
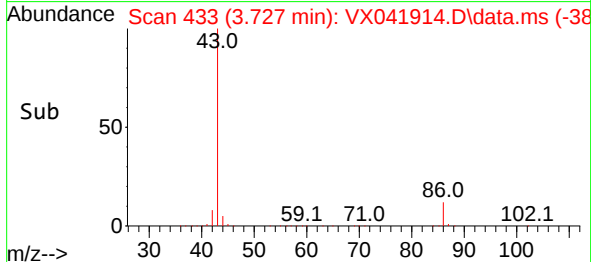
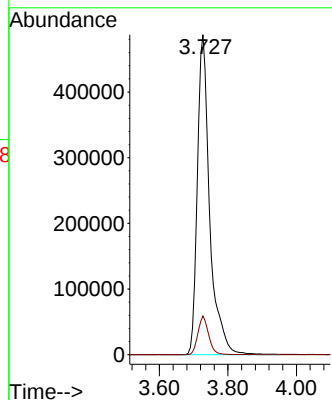
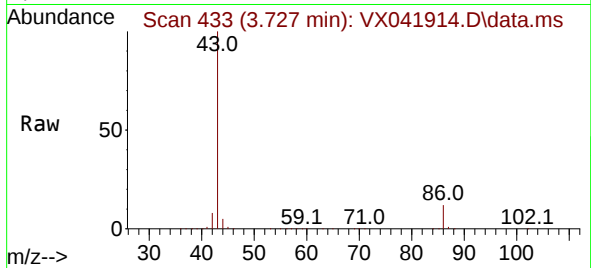
#23
 Vinyl Acetate
 Concen: 260.808 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041914.D
 Acq: 18 Jun 2024 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 122276
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.8 11.8

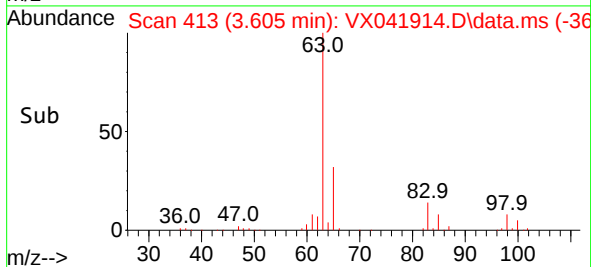
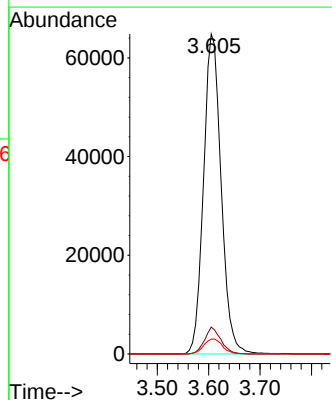
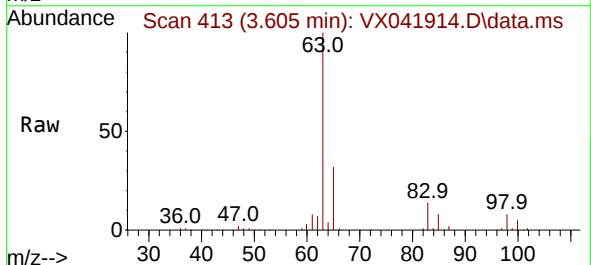
Manual Integrations
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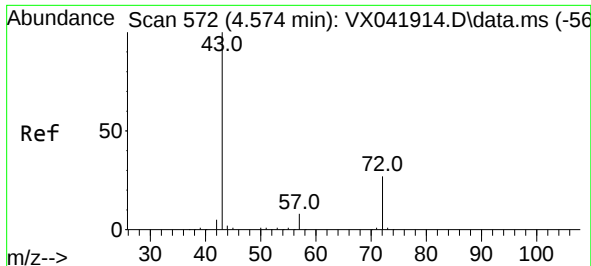
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024



#24
 1,1-Dichloroethane
 Concen: 50.180 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041914.D
 Acq: 18 Jun 2024 10:40

Tgt Ion: 63 Resp: 154268
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.3 9.8
 100 4.6 2.1 6.5





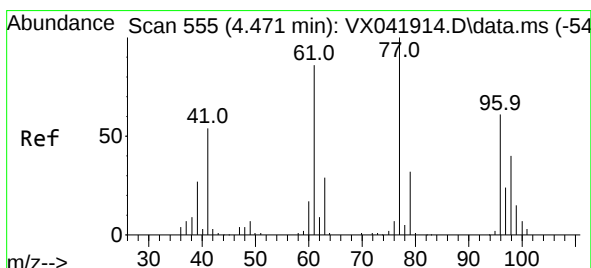
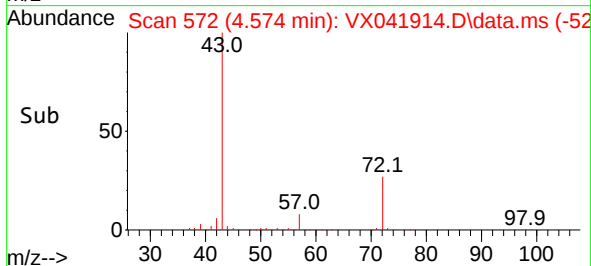
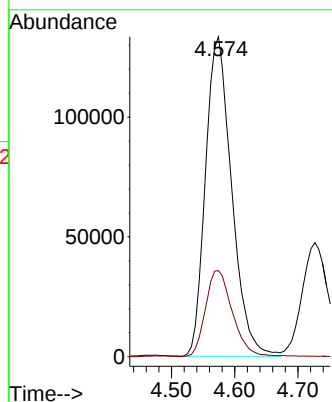
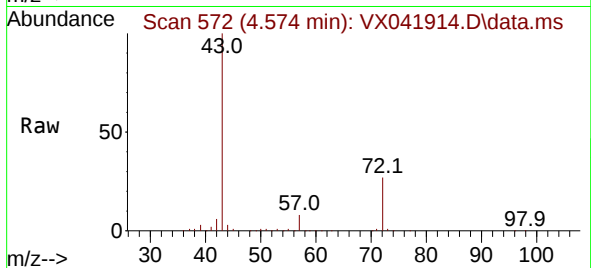
#25
2-Butanone
Concen: 256.847 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 384159
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2

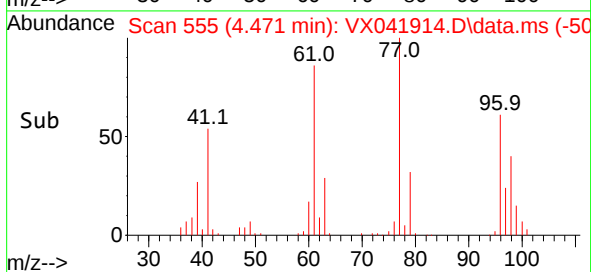
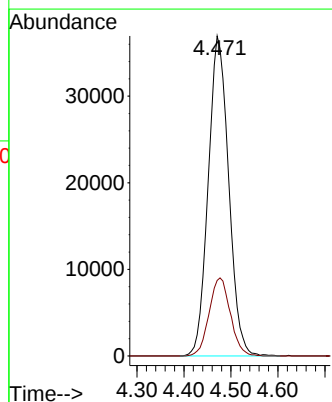
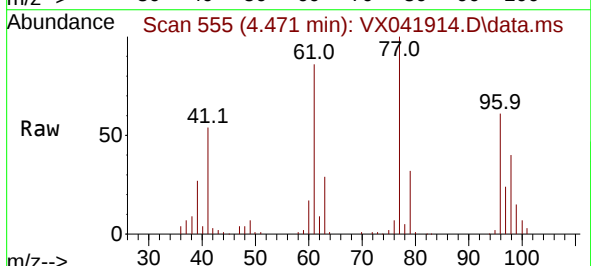
Manual Integrations
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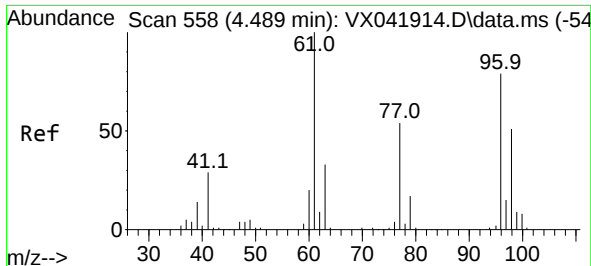
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#26
2,2-Dichloropropane
Concen: 50.061 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 77 Resp: 111450
Ion Ratio Lower Upper
77 100
97 25.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.471 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 10506

Ion Ratio Lower Upper

96 100

61 130.1 0.0 312.2

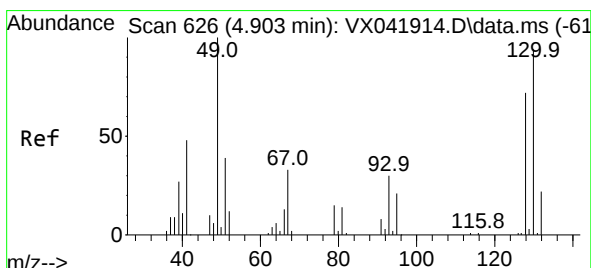
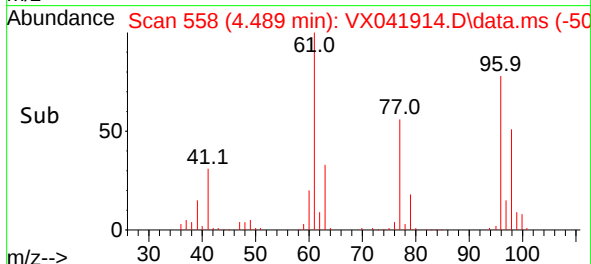
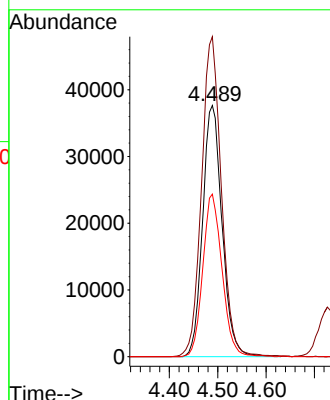
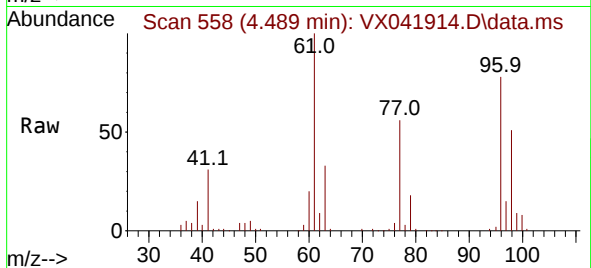
98 64.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#28

Bromochloromethane

Concen: 47.824 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

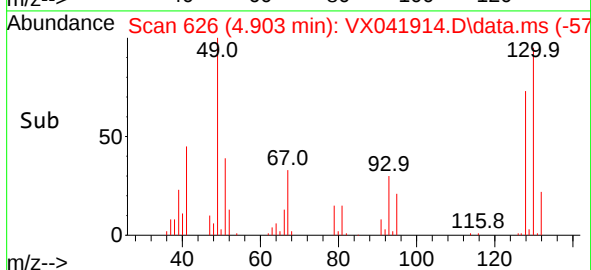
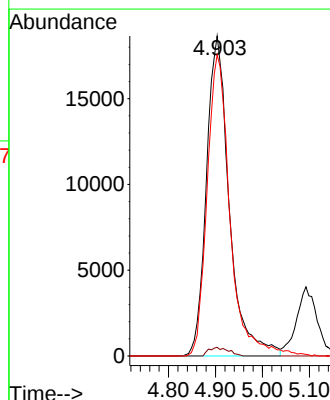
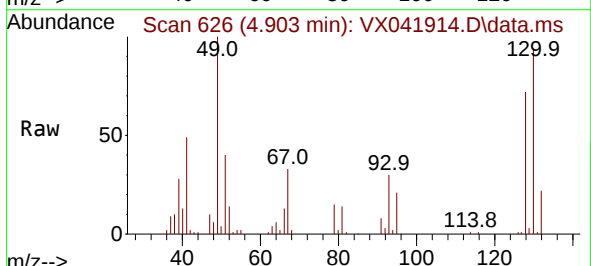
Tgt Ion: 49 Resp: 62973

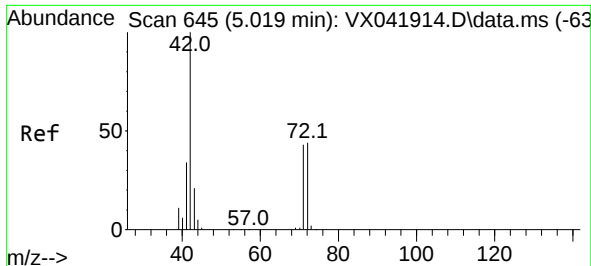
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

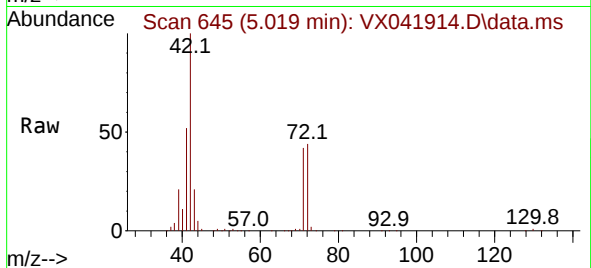
130 94.3 57.5 86.3#





#29
Tetrahydrofuran
Concen: 259.588 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

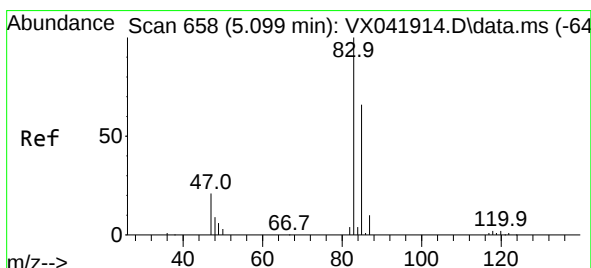
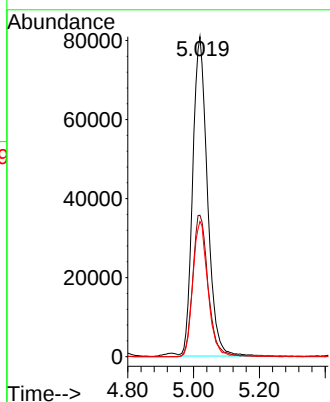
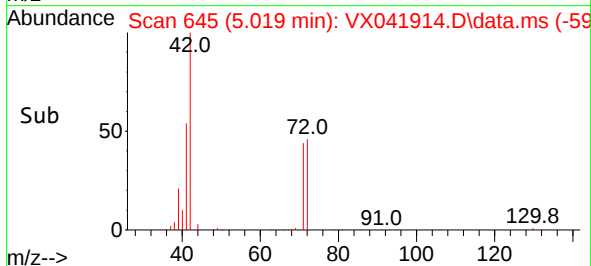
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 250750
Ion Ratio Lower Upper
42 100
72 46.4 34.2 51.4
71 43.2 32.2 48.2

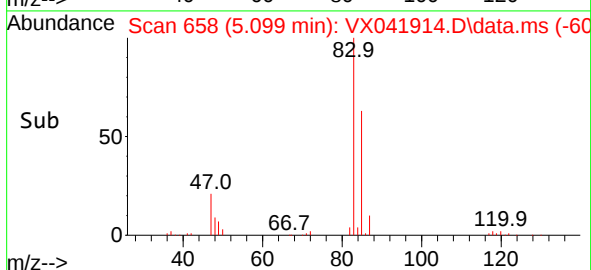
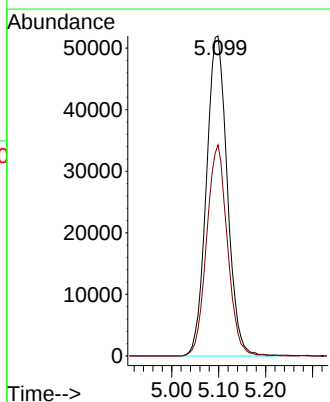
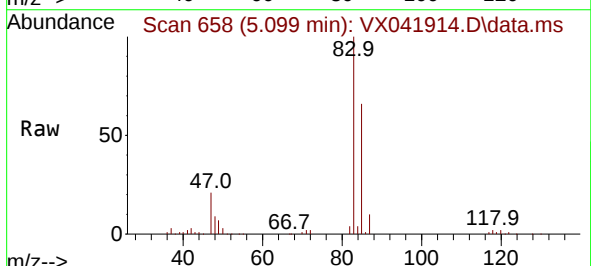
Manual Integrations
APPROVED

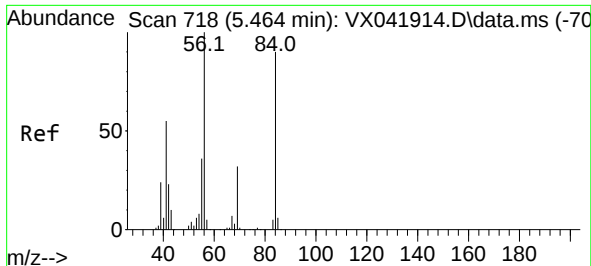
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#30
Chloroform
Concen: 49.937 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

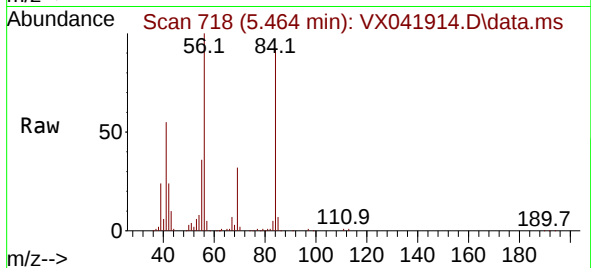
Tgt Ion: 83 Resp: 159943
Ion Ratio Lower Upper
83 100
85 66.0 50.3 75.5





#31
Cyclohexane
Concen: 48.196 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

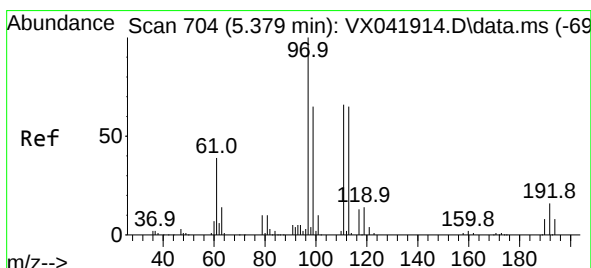
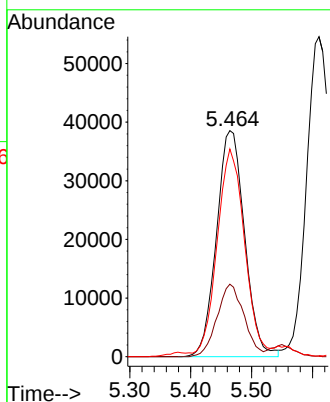
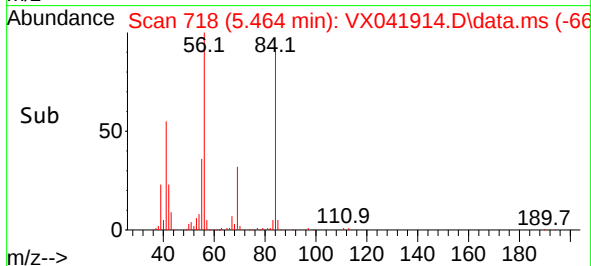
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 123400
Ion Ratio Lower Upper
56 100
69 32.1 23.4 35.2
84 89.9 65.9 98.9

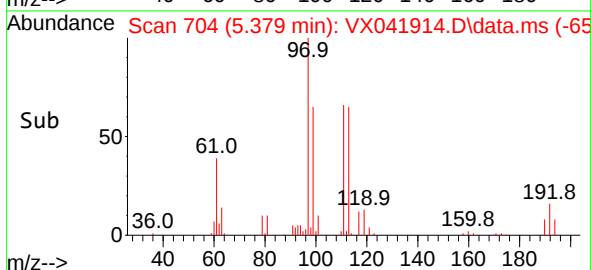
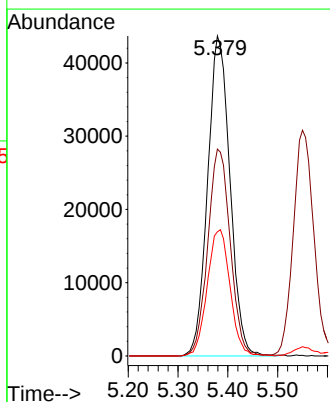
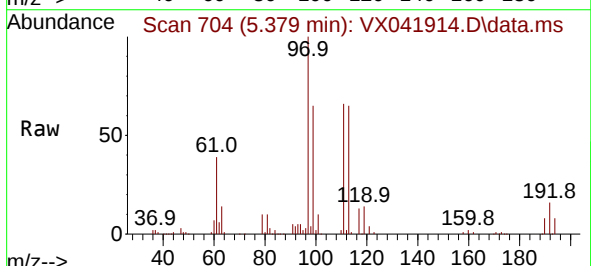
Manual Integrations
APPROVED

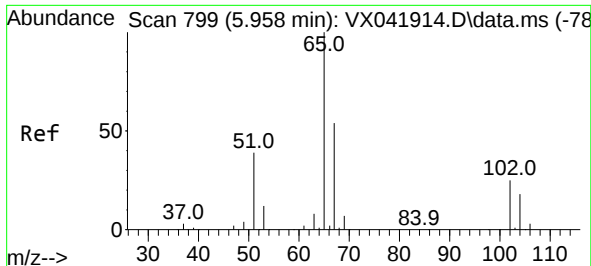
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#32
1,1,1-Trichloroethane
Concen: 50.760 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 97 Resp: 135849
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 40.4 36.4 54.6





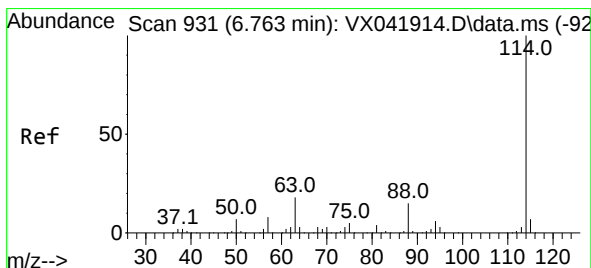
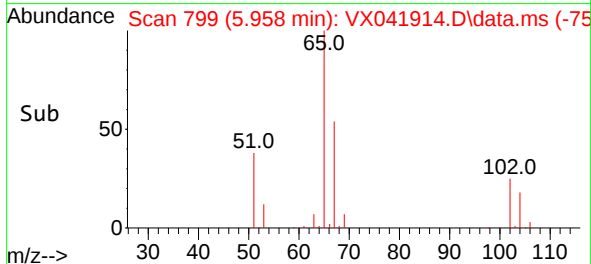
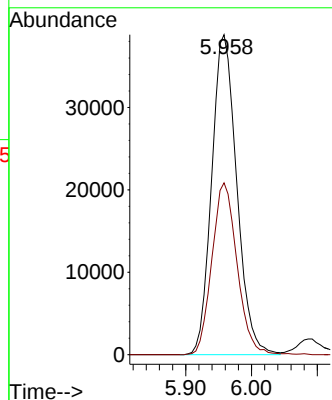
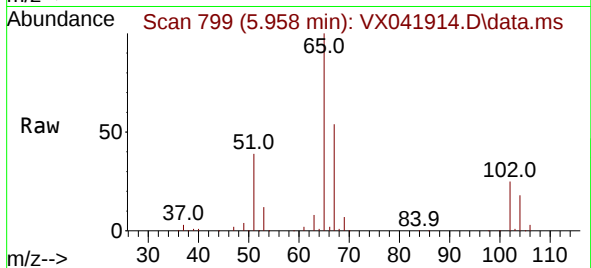
#33
1,2-Dichloroethane-d4
Concen: 47.074 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 103060
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2

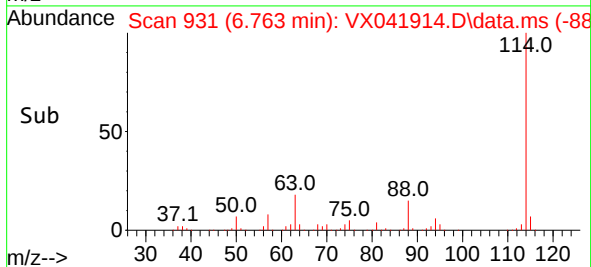
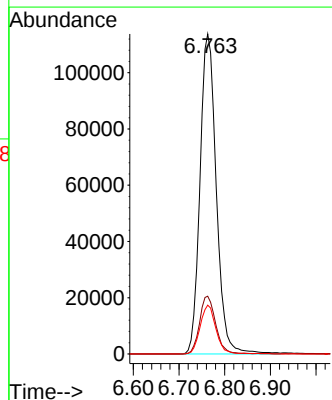
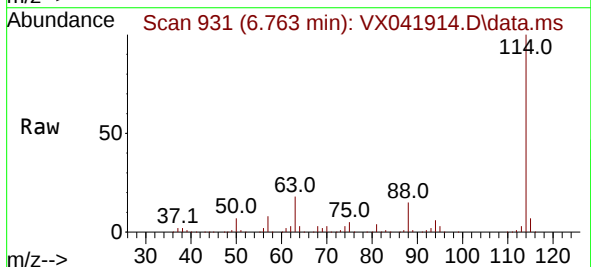
Manual Integrations
APPROVED

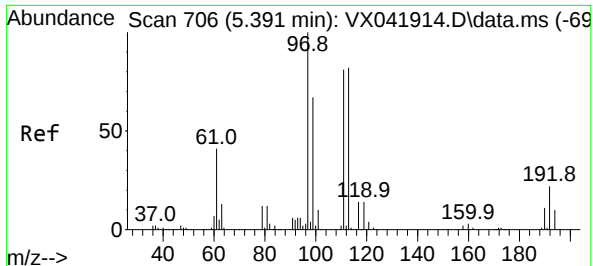
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion:114 Resp: 281308
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.688 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

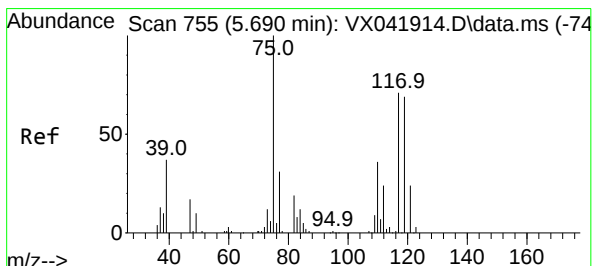
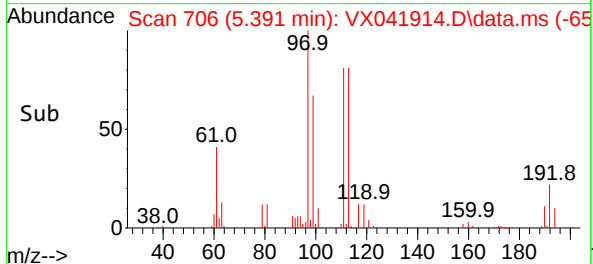
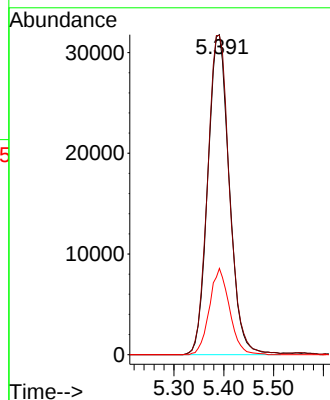
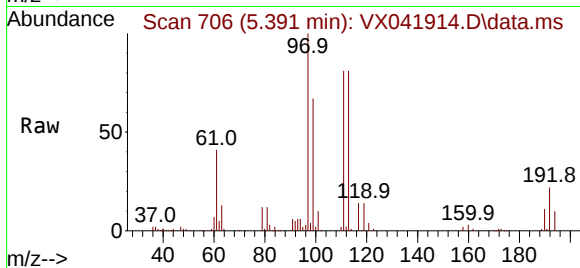
Tgt Ion:	113	Resp:	9518
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.9	124.3
192	25.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#36

1,1-Dichloropropene

Concen: 48.060 ug/l

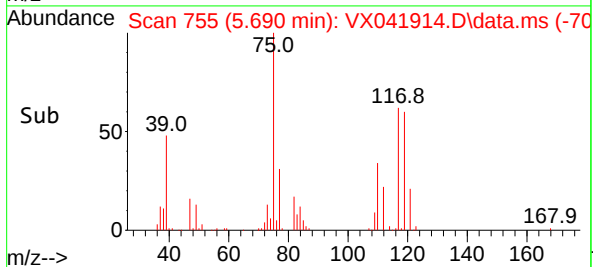
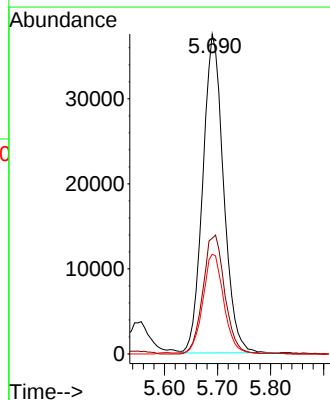
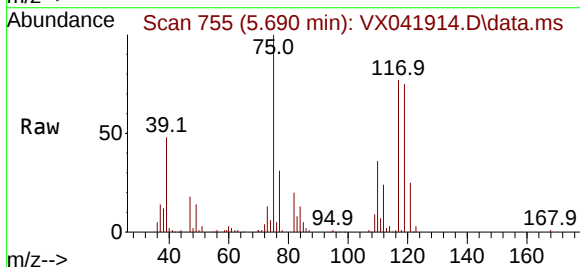
RT: 5.690 min Scan# 755

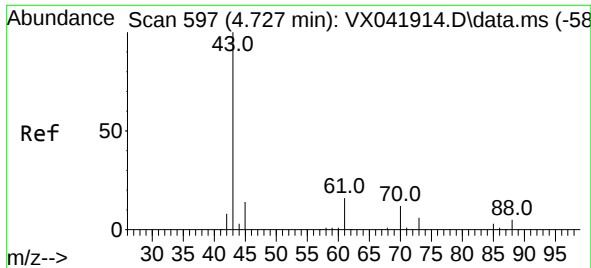
Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Tgt Ion:	75	Resp:	101868
Ion Ratio	Lower	Upper	
75	100		
110	39.2	17.0	50.9
77	31.2	24.7	37.1





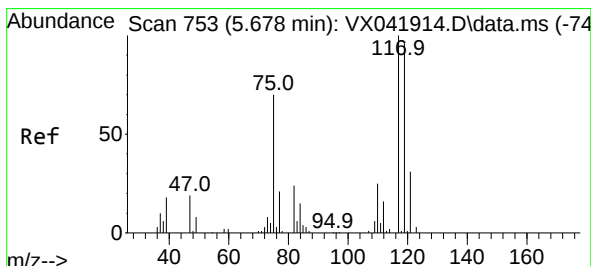
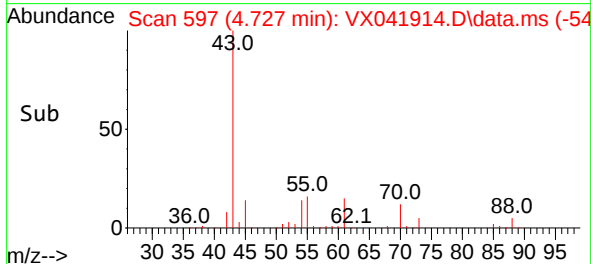
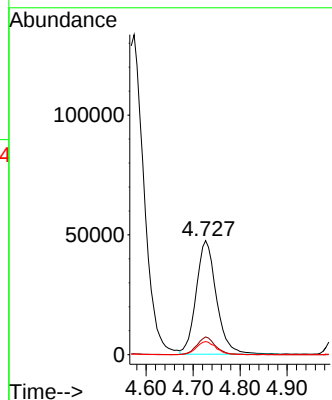
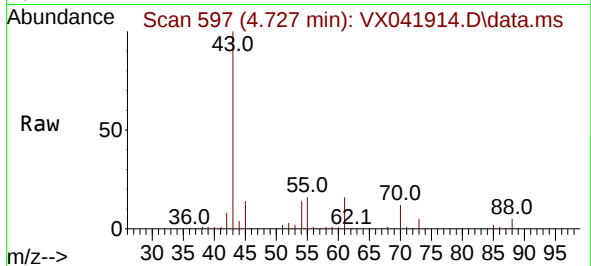
#37
Ethyl Acetate
Concen: 51.502 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 14220
Ion Ratio Lower Upper
43 100
61 14.5 10.6 16.0
70 11.2 8.3 12.5

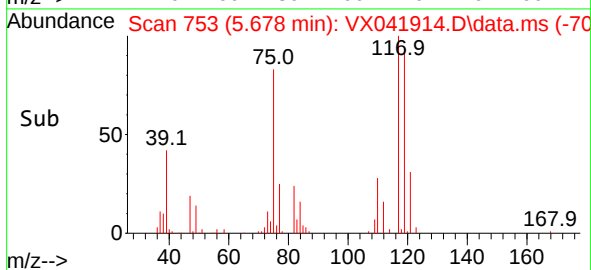
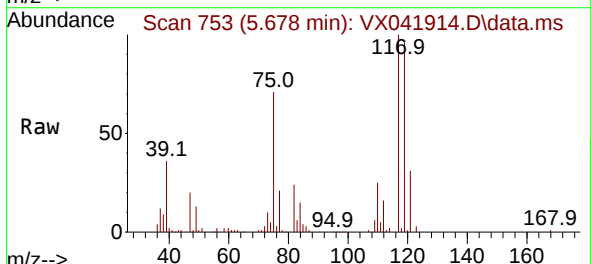
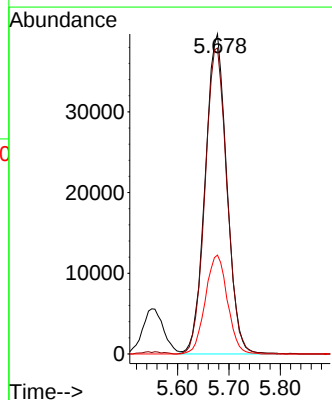
Manual Integrations
APPROVED

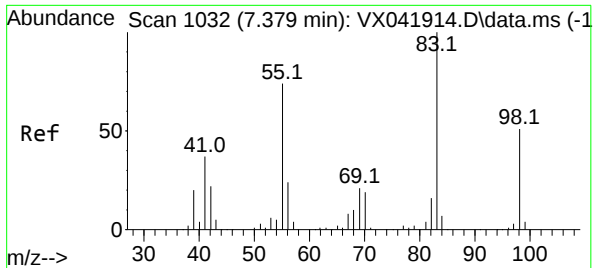
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#38
Carbon Tetrachloride
Concen: 49.544 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion:117 Resp: 116027
Ion Ratio Lower Upper
117 100
119 95.5 78.2 117.2
121 30.9 24.4 36.6





#39
Methylcyclohexane
Concen: 48.133 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

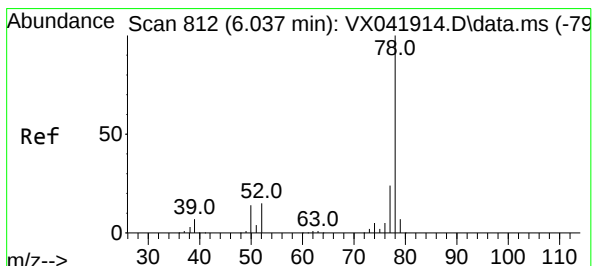
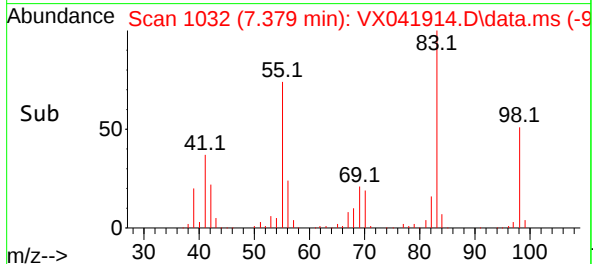
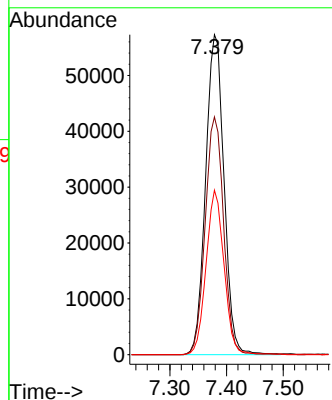
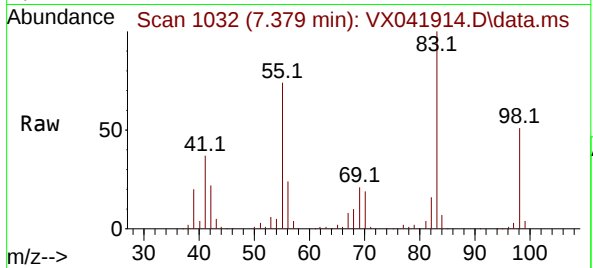
Tgt Ion: 83 Resp: 129020
Ion Ratio Lower Upper
83 100
55 74.3 64.6 97.0
98 51.4 36.7 55.1

Manual Integrations

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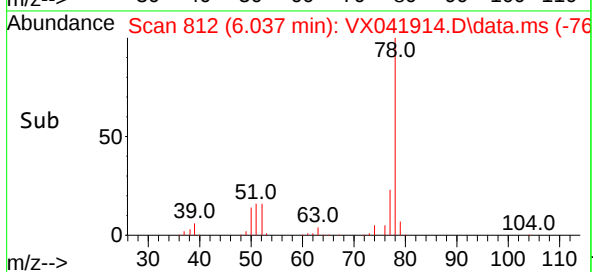
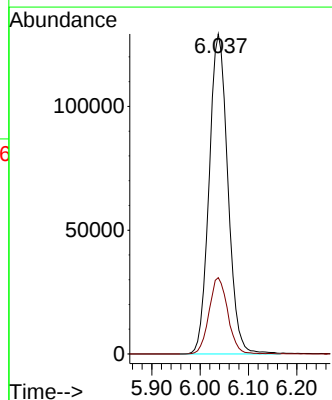
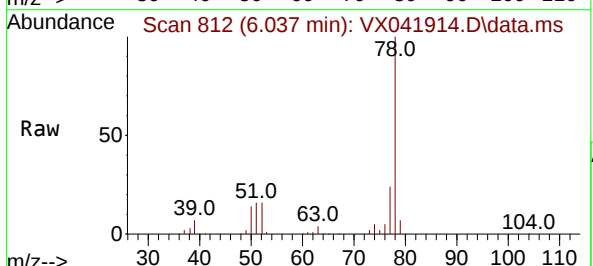
Reviewed By :John Carlone 06/19/2024

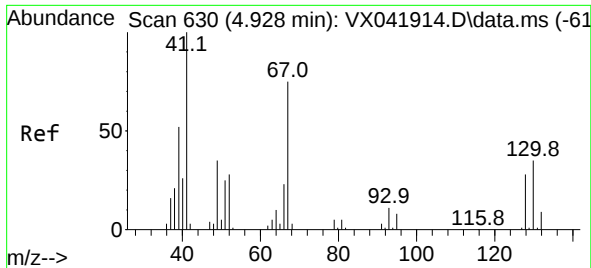
Supervised By :Mahesh Dadoda 06/19/2024



#40
Benzene
Concen: 48.724 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 78 Resp: 348309
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





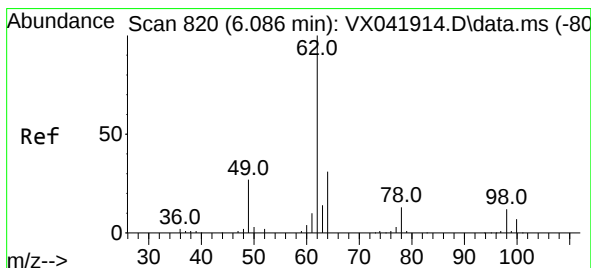
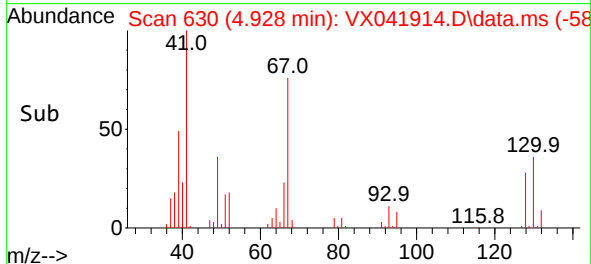
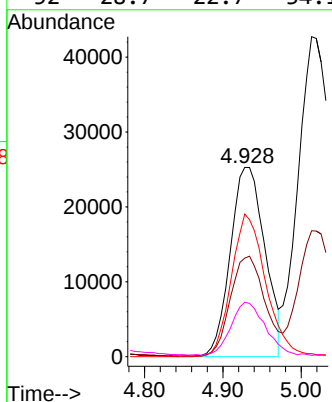
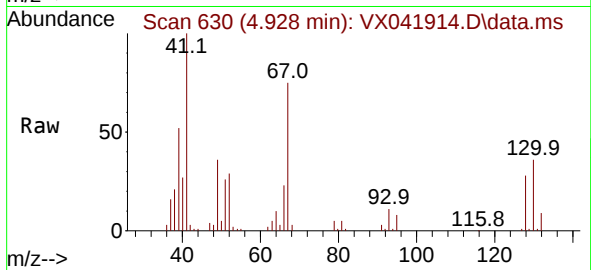
#41
Methacrylonitrile
Concen: 51.818 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 7755
Ion Ratio Lower Upper
41 100
39 53.4 45.2 67.8
67 75.8 52.6 78.8
52 28.7 22.7 34.1

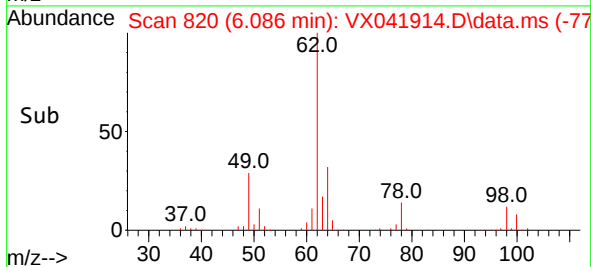
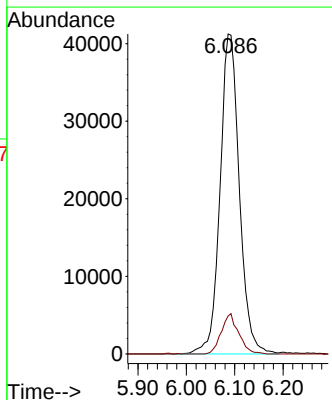
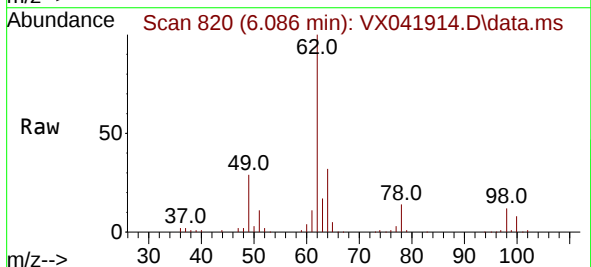
Manual Integrations
APPROVED

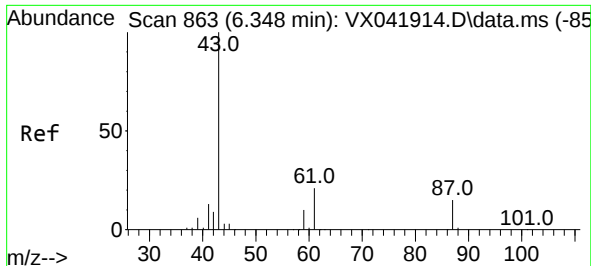
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#42
1,2-Dichloroethane
Concen: 49.649 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 62 Resp: 114325
Ion Ratio Lower Upper
62 100
98 11.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.687 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 21481

Ion Ratio Lower Upper

43 100

61 21.7 15.2 22.8

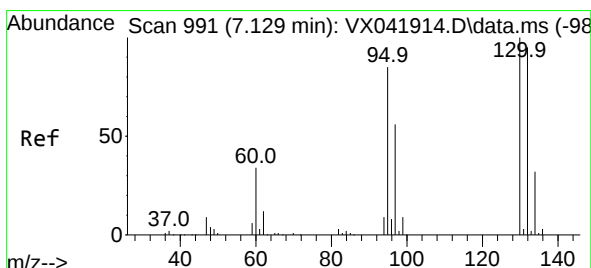
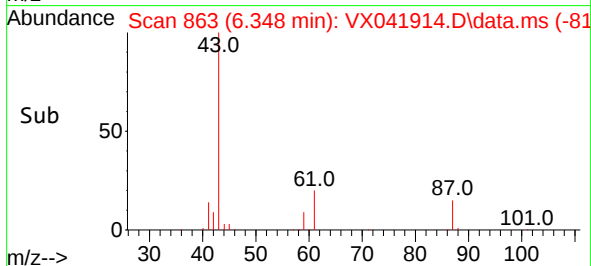
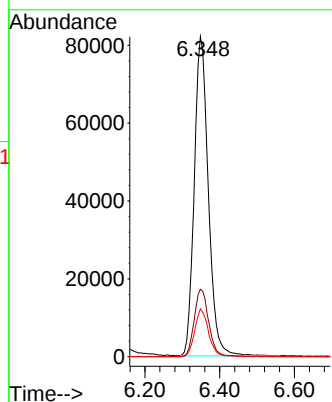
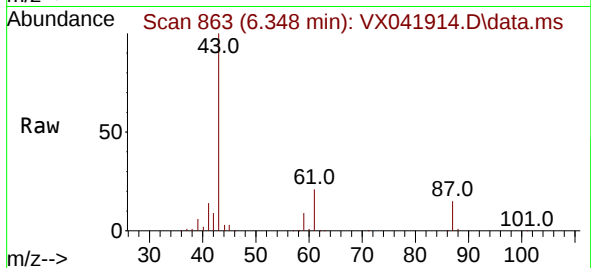
87 14.6 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#44

Trichloroethene

Concen: 49.472 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX041914.D

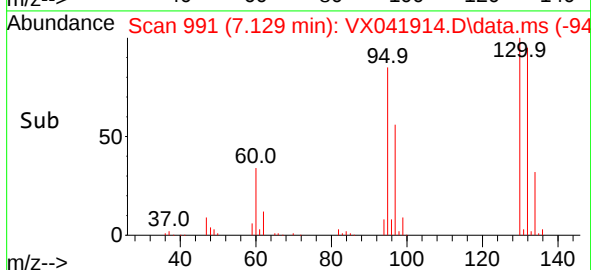
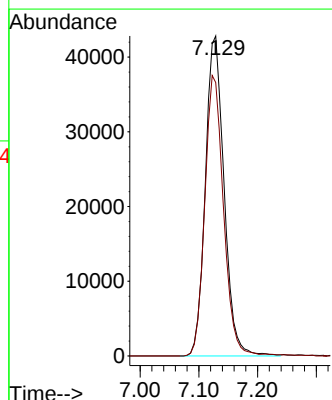
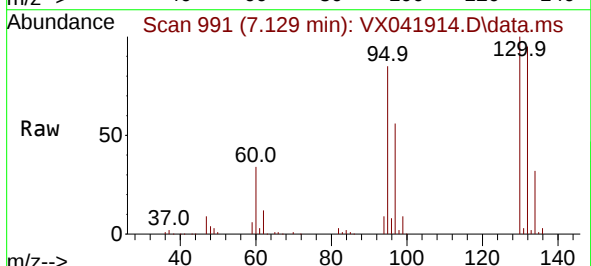
Acq: 18 Jun 2024 10:40

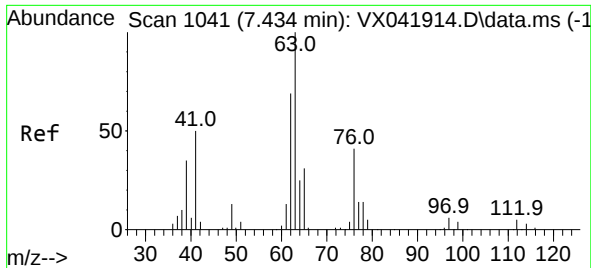
Tgt Ion:130 Resp: 94798

Ion Ratio Lower Upper

130 100

95 85.5 0.0 204.4





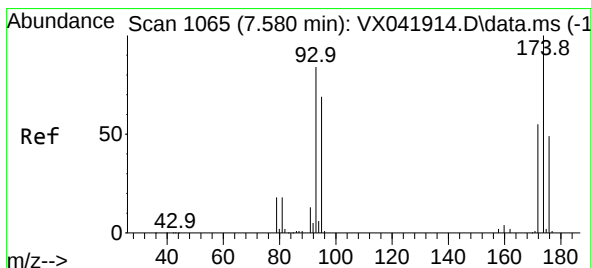
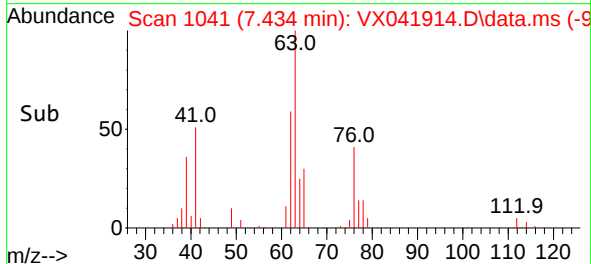
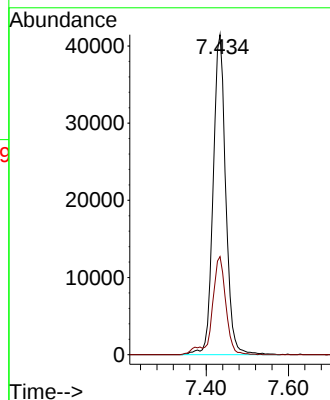
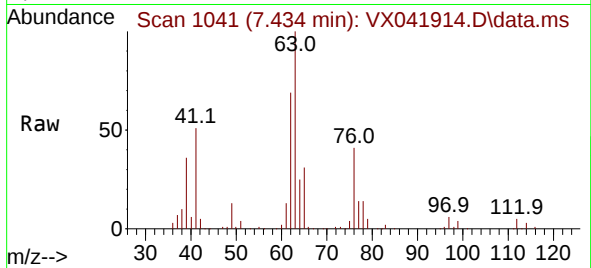
#45
1,2-Dichloropropane
Concen: 50.144 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 8814
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5

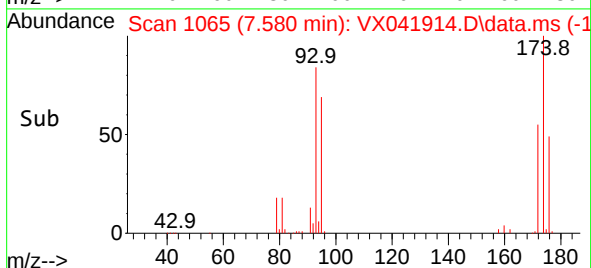
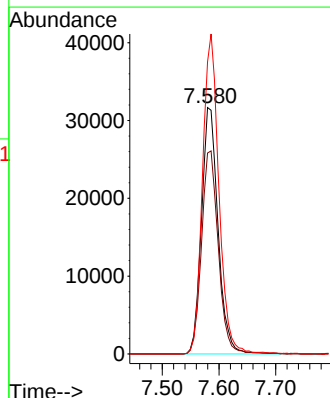
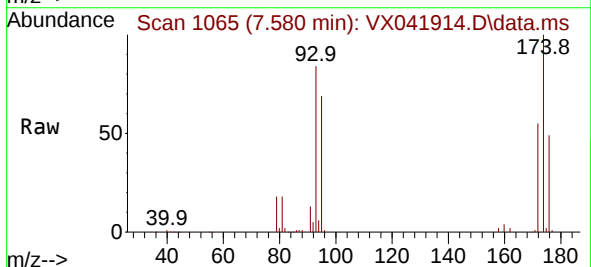
Manual Integrations
APPROVED

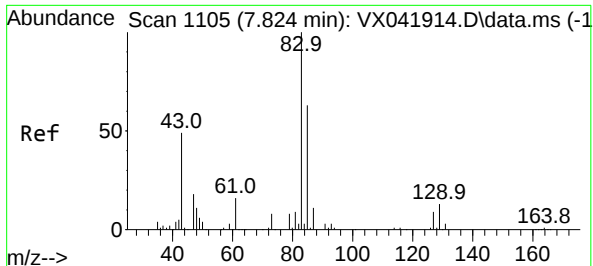
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#46
Dibromomethane
Concen: 50.228 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 93 Resp: 64328
Ion Ratio Lower Upper
93 100
95 83.4 66.6 100.0
174 128.3 69.4 104.0#





#47

Bromodichloromethane

Concen: 51.083 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

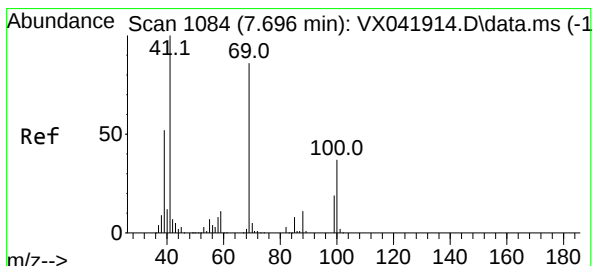
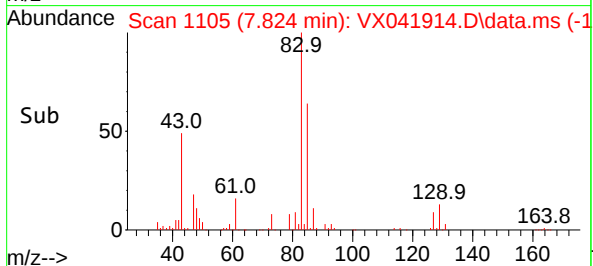
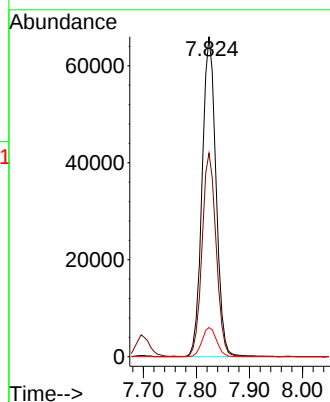
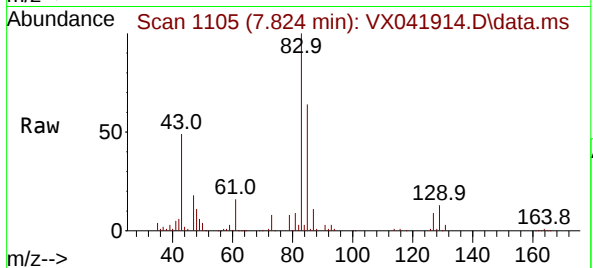
Tgt Ion:	83	Resp:	120115
Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.8	74.6
127	9.1	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#48

Methyl methacrylate

Concen: 52.934 ug/l

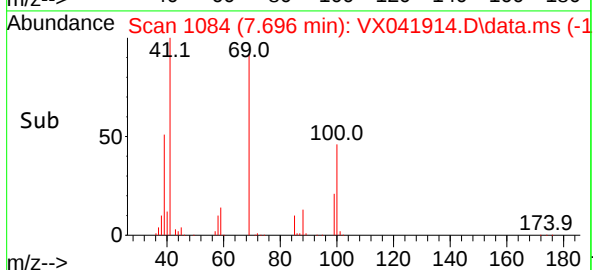
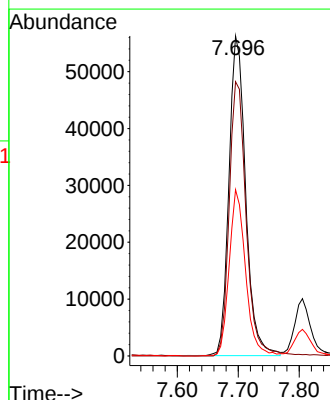
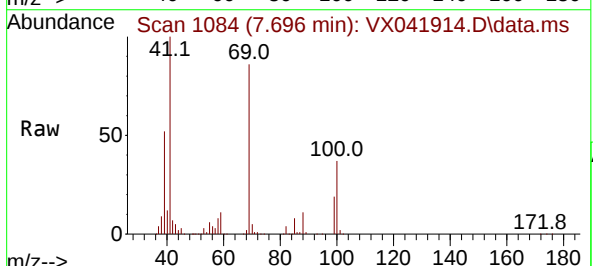
RT: 7.696 min Scan# 1084

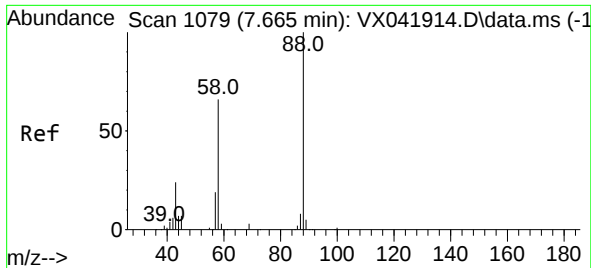
Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

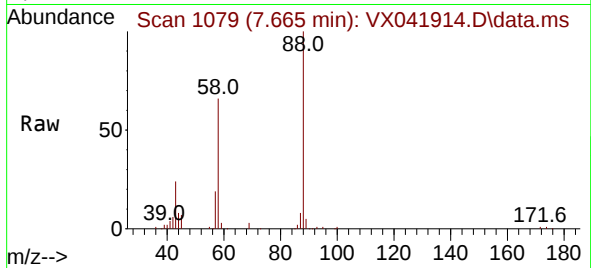
Tgt Ion:	41	Resp:	107065
Ion	Ratio	Lower	Upper
41	100		
69	87.8	59.2	88.8
39	51.1	47.7	71.5





#49
1,4-Dioxane
Concen: 933.566 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

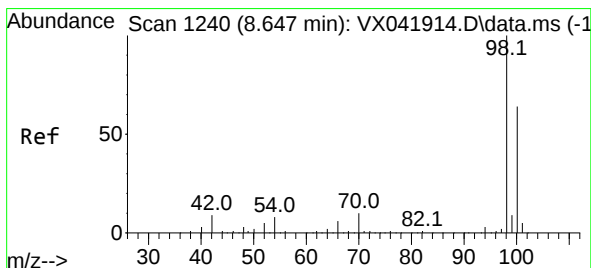
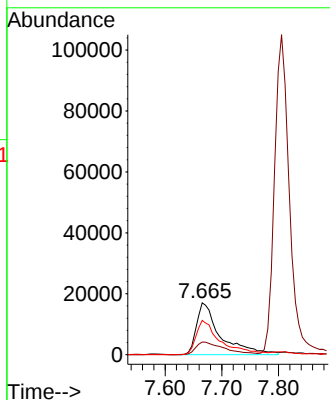
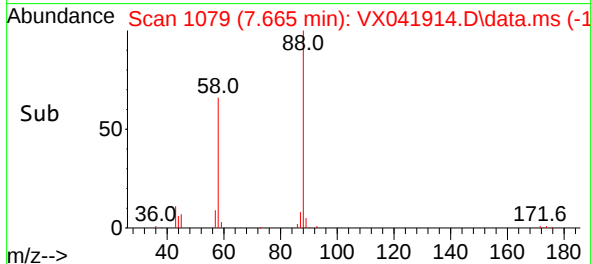
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 4989
Ion Ratio Lower Upper
88 100
43 29.3 0.0 0.0
58 66.6 60.1 90.1

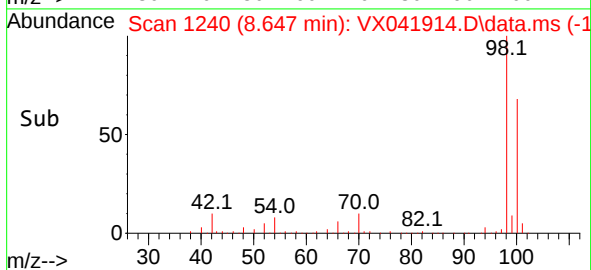
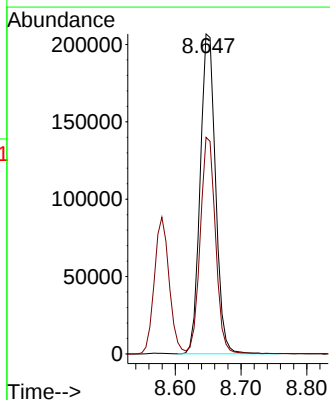
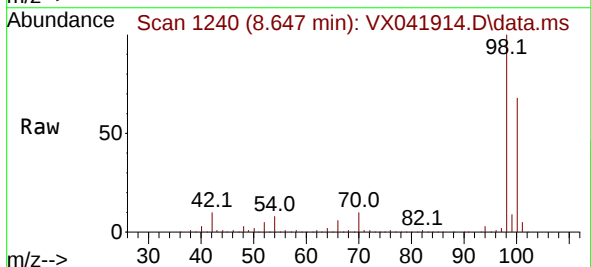
Manual Integrations
APPROVED

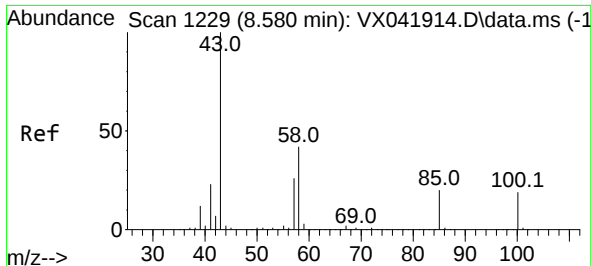
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#50
Toluene-d8
Concen: 47.788 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 98 Resp: 335098
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 260.467 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 76040

Ion Ratio Lower Upper

43 100

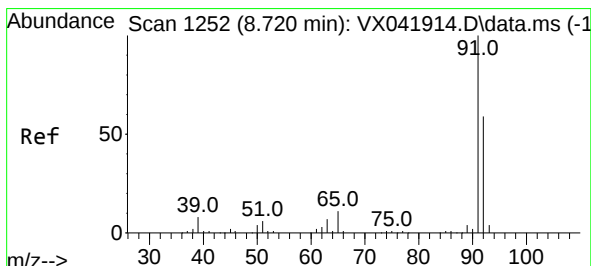
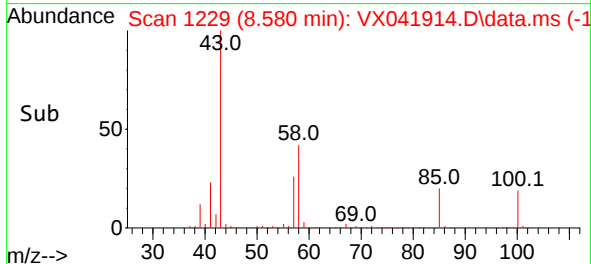
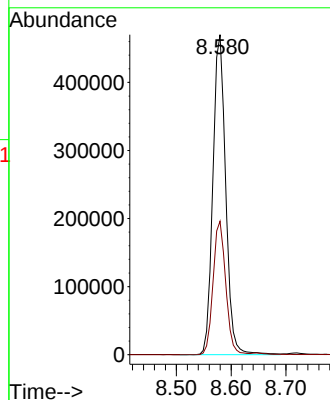
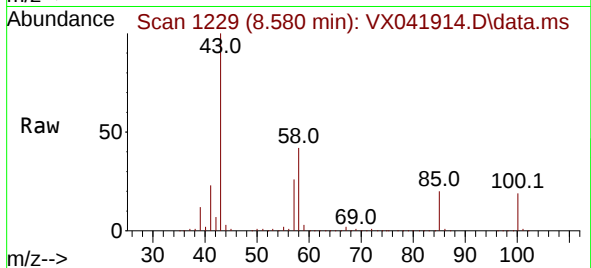
58 41.2 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#52

Toluene

Concen: 50.173 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX041914.D

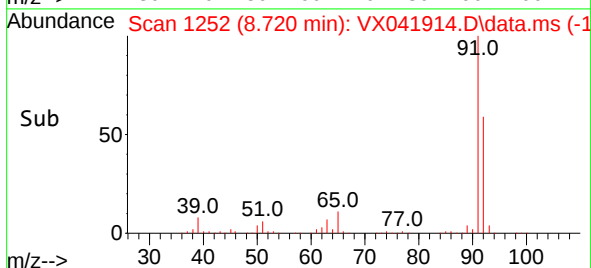
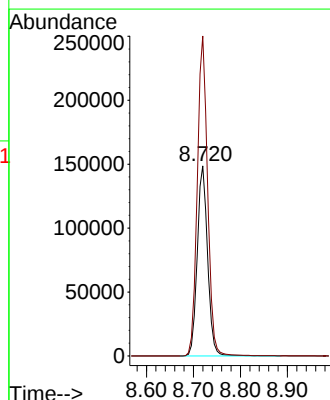
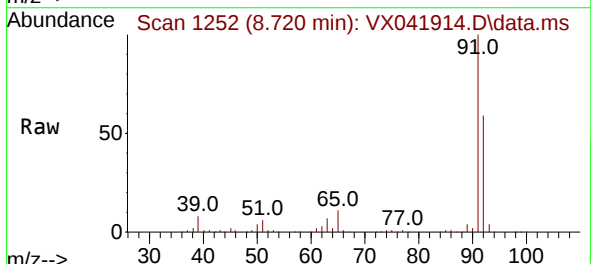
Acq: 18 Jun 2024 10:40

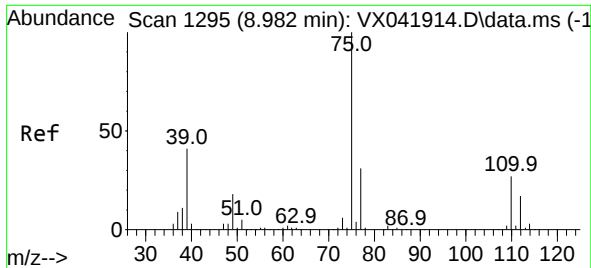
Tgt Ion: 92 Resp: 228395

Ion Ratio Lower Upper

92 100

91 167.8 134.2 201.2





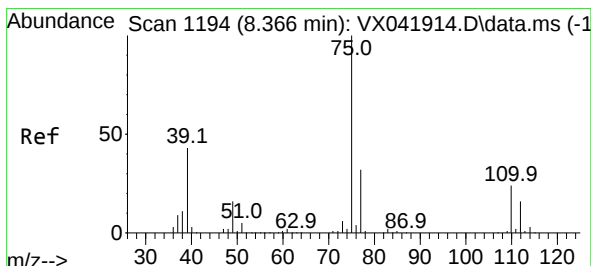
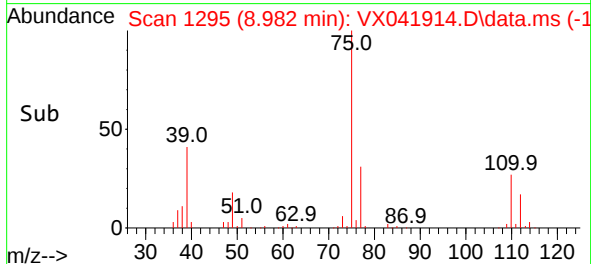
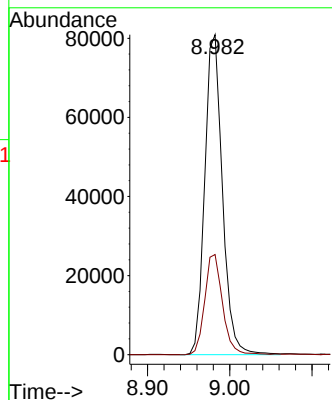
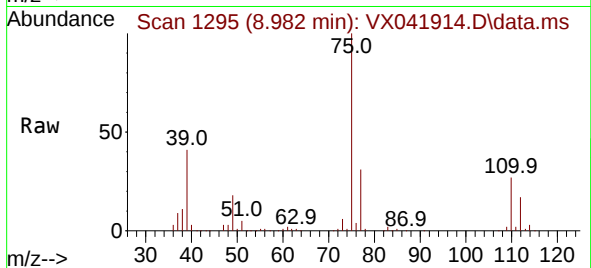
#53
t-1,3-Dichloropropene
Concen: 48.563 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 120625
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5

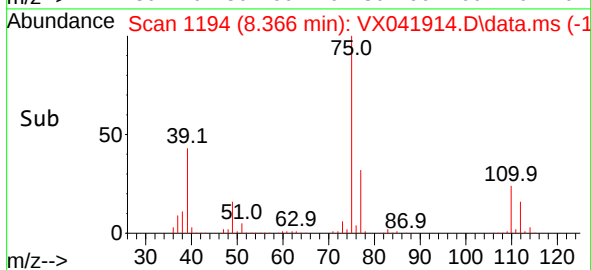
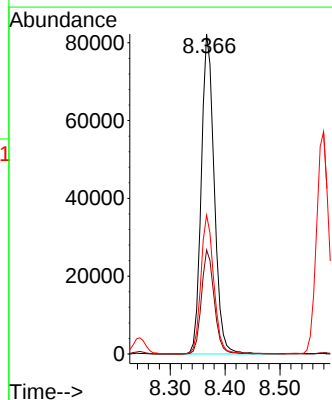
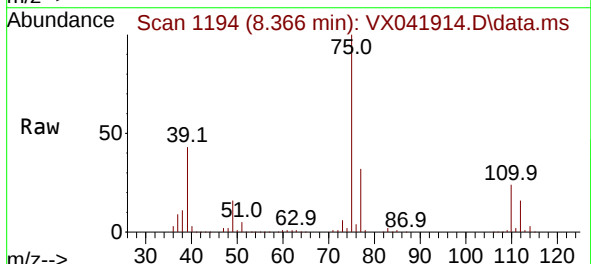
Manual Integrations
APPROVED

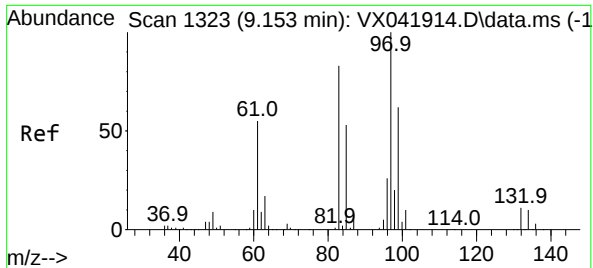
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#54
cis-1,3-Dichloropropene
Concen: 52.523 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

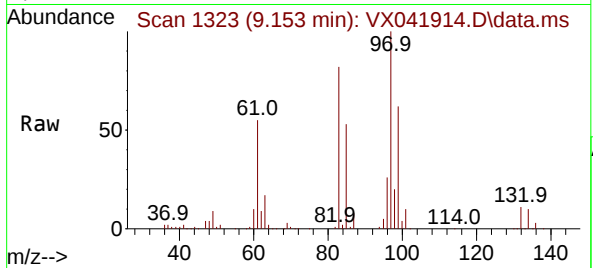
Tgt Ion: 75 Resp: 135213
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
39 43.4 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 51.299 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

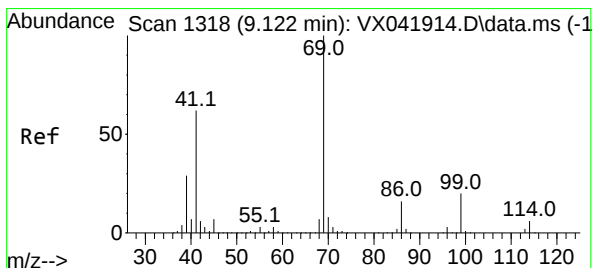
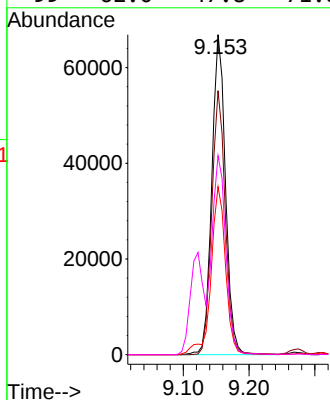
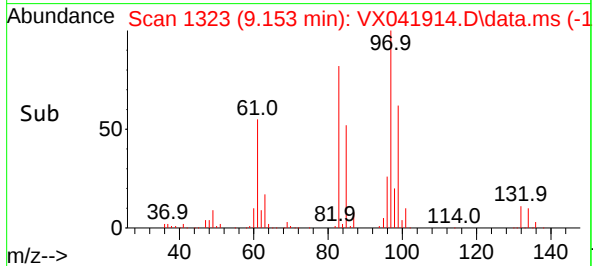
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



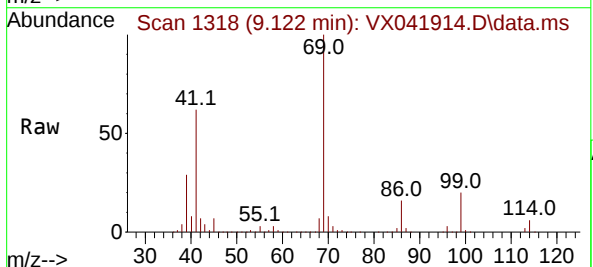
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.8	98.8
85	52.5	41.6	62.4
99	62.0	47.8	71.8

Manual Integrations
APPROVED

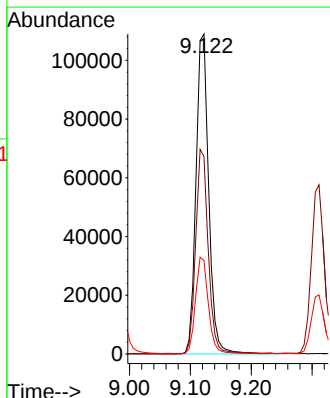
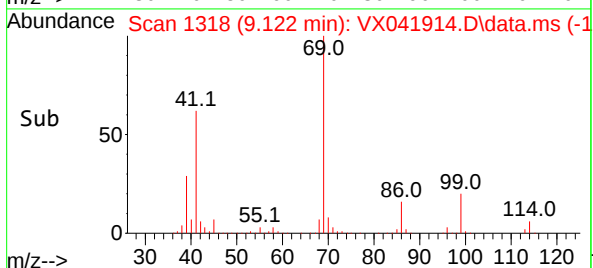
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

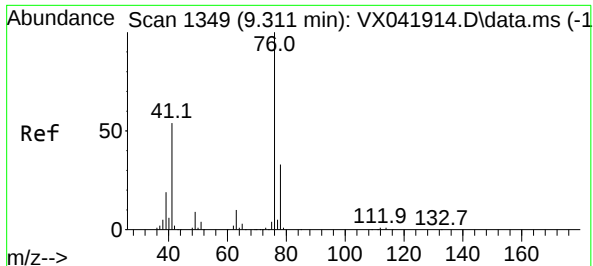


#56
Ethyl methacrylate
Concen: 53.543 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.0	56.8	85.2
39	30.7	32.0	48.0





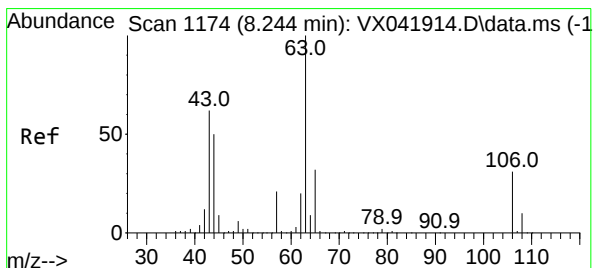
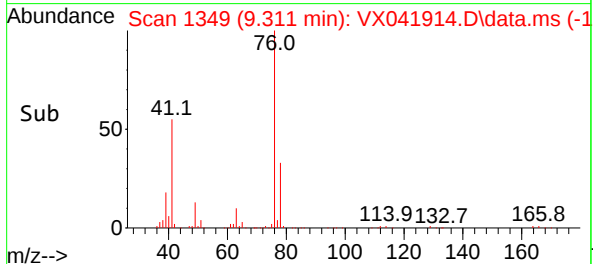
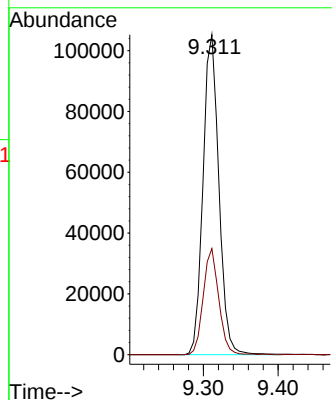
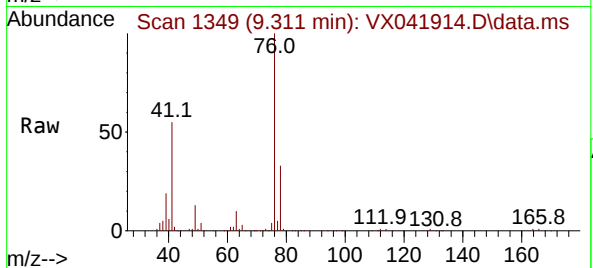
#57
1,3-Dichloropropane
Concen: 50.644 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 15516
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

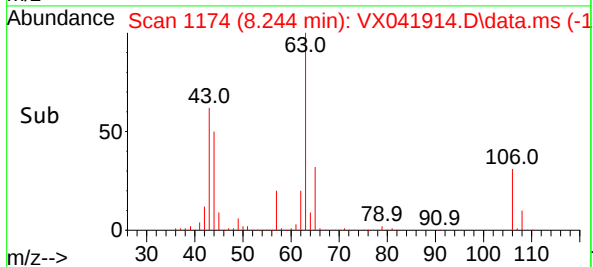
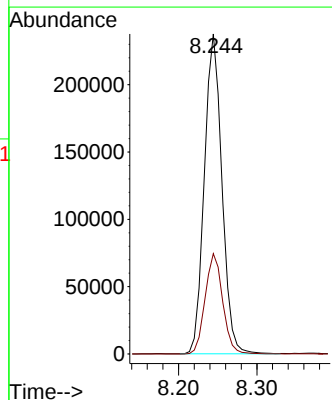
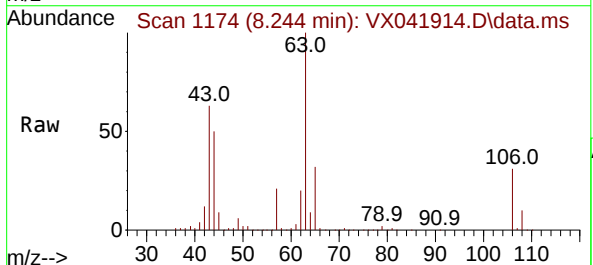
Manual Integrations
APPROVED

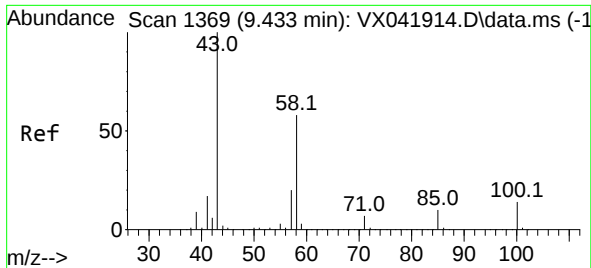
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 269.380 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 63 Resp: 370346
Ion Ratio Lower Upper
63 100
106 31.3 22.5 33.7





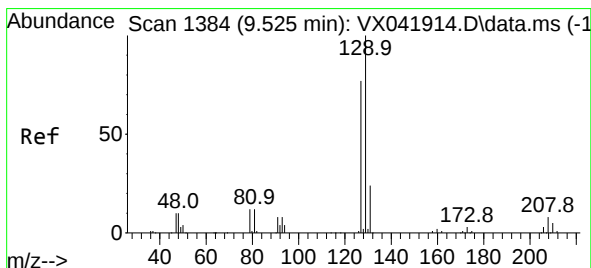
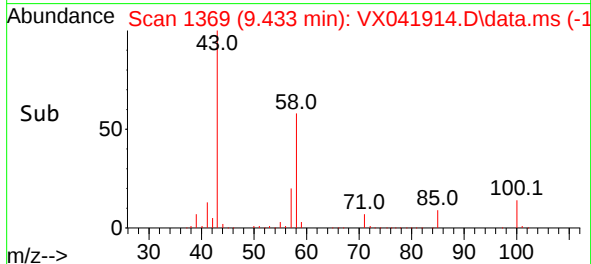
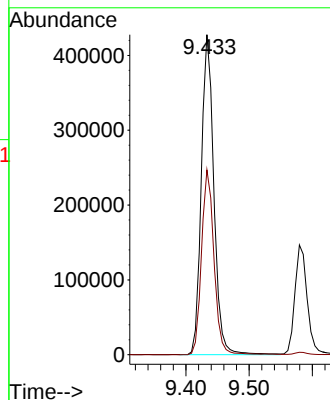
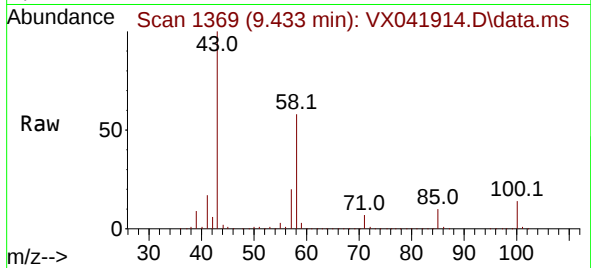
#59
2-Hexanone
Concen: 264.457 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 59132
Ion Ratio Lower Upper
43 100
58 57.6 26.2 78.5

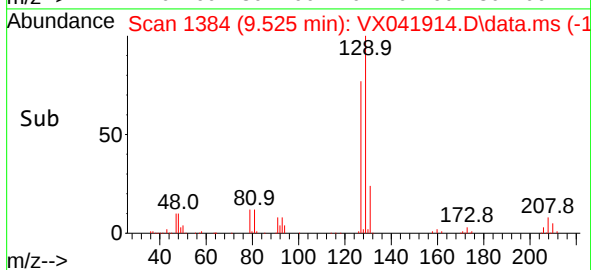
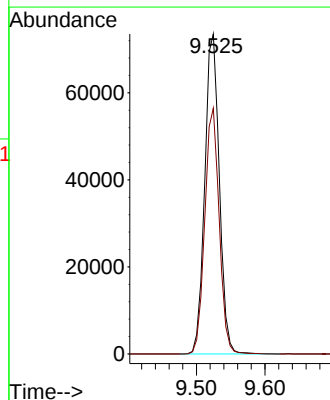
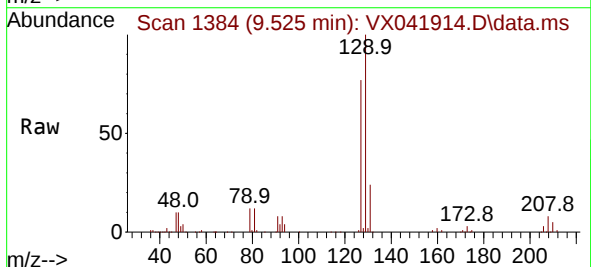
Manual Integrations
APPROVED

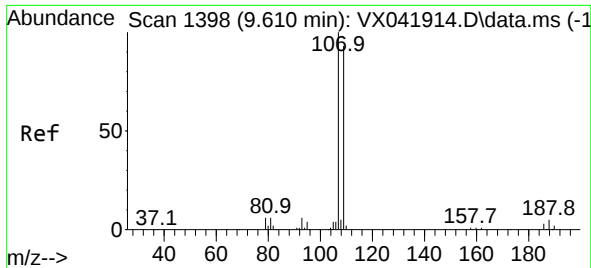
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#60
Dibromochloromethane
Concen: 52.845 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

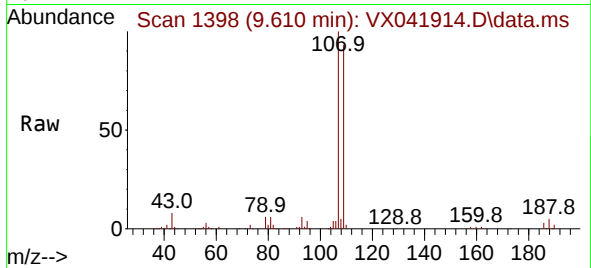
Tgt Ion:129 Resp: 108856
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.730 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

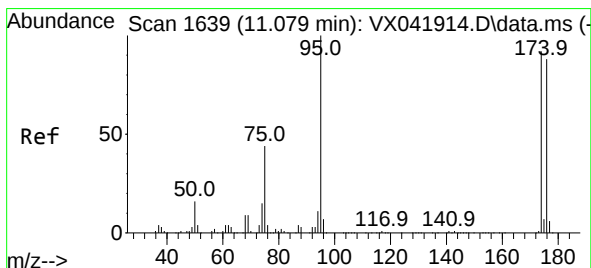
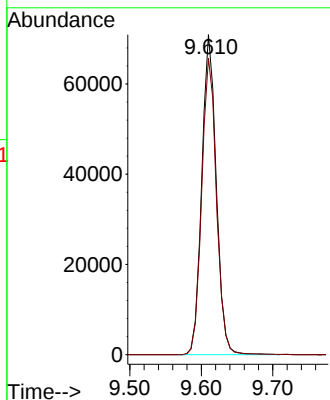
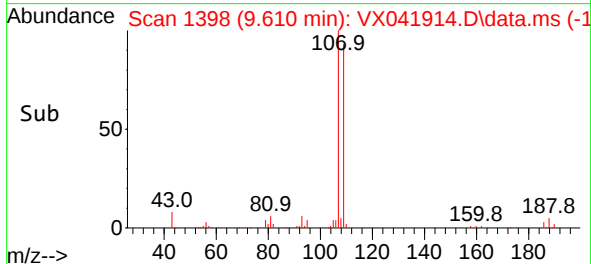
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



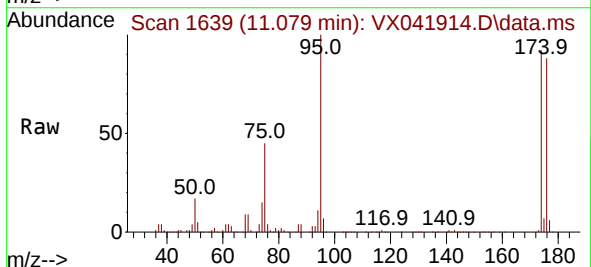
Tgt Ion:107 Resp: 99768
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

Manual Integrations
APPROVED

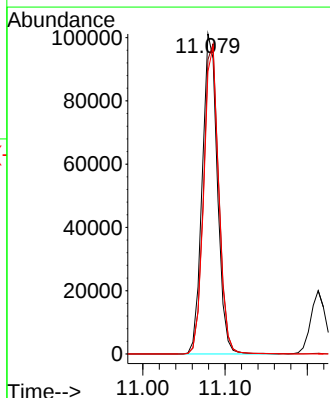
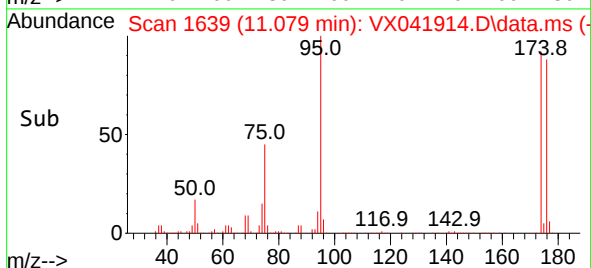
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

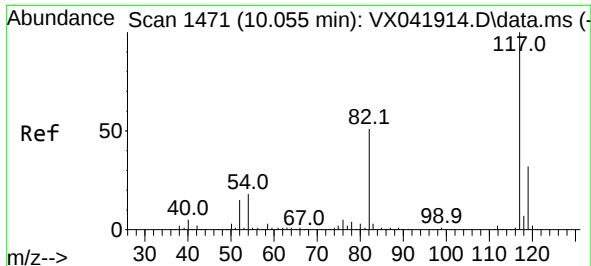


#62
4-Bromofluorobenzene
Concen: 49.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40



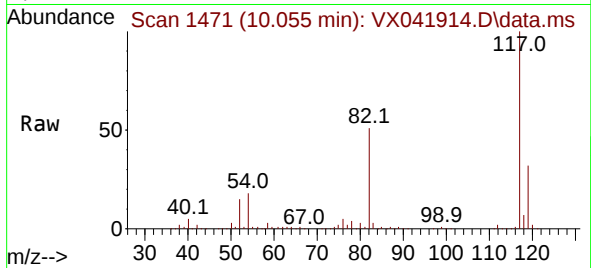
Tgt Ion: 95 Resp: 129198
Ion Ratio Lower Upper
95 100
174 97.4 0.0 135.6
176 95.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

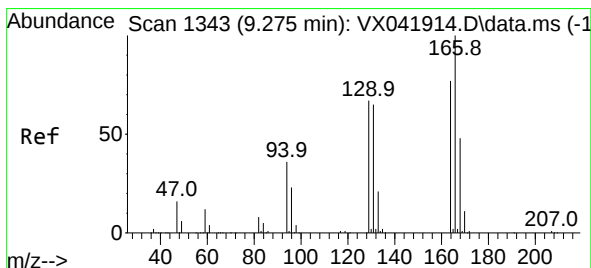
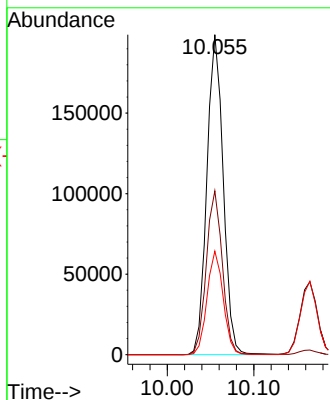
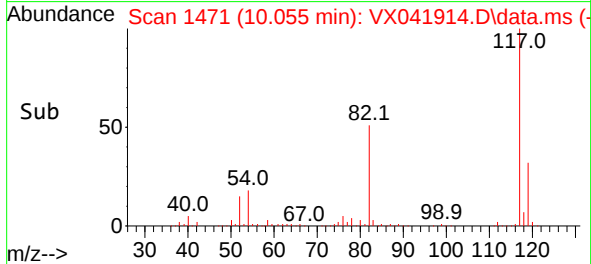
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 260493
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 32.4 25.5 38.3

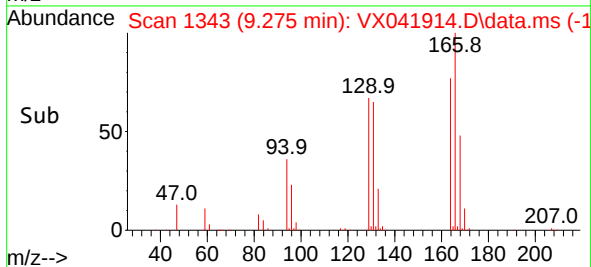
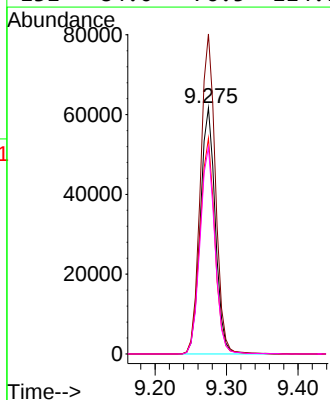
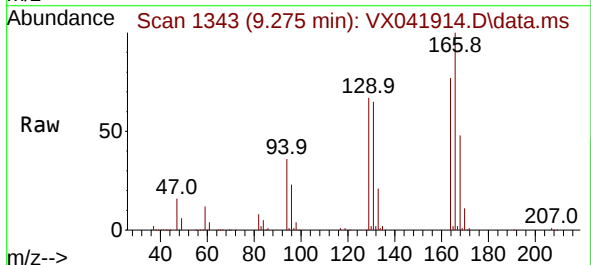
Manual Integrations
APPROVED

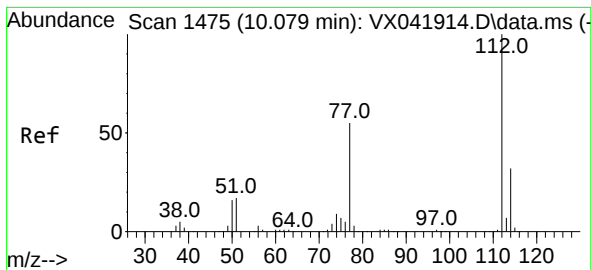
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#64
Tetrachloroethene
Concen: 47.350 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion:164 Resp: 89806
Ion Ratio Lower Upper
164 100
166 130.0 102.7 154.1
129 87.7 80.4 120.6
131 84.0 76.5 114.7





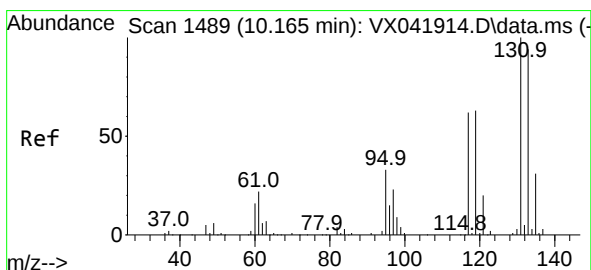
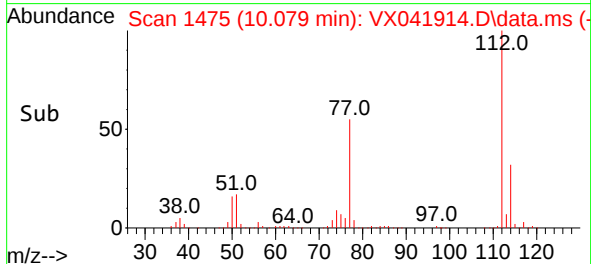
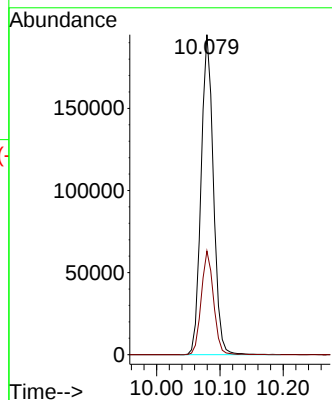
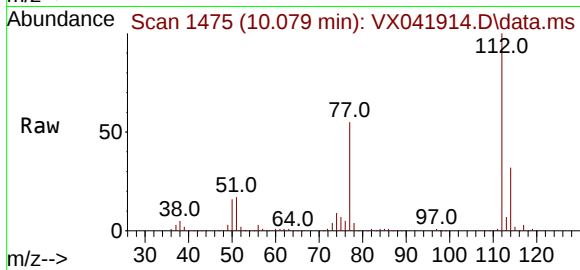
#65
Chlorobenzene
Concen: 48.886 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 26484
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

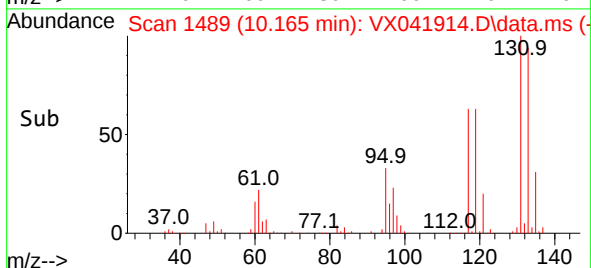
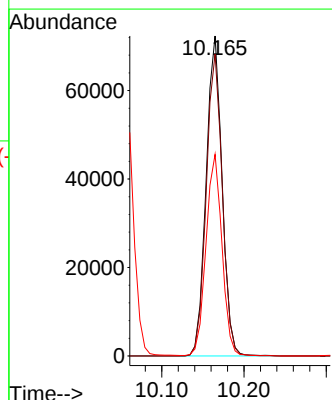
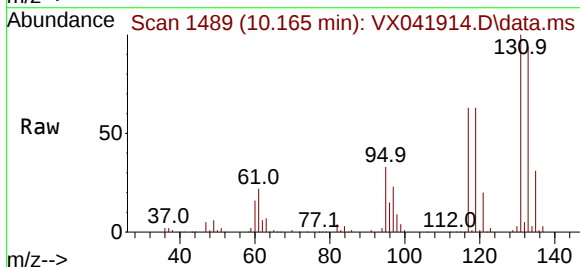
Manual Integrations
APPROVED

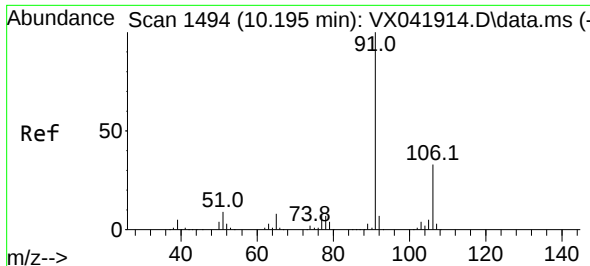
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.443 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

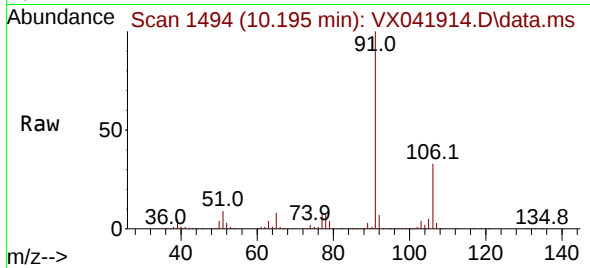
Tgt Ion:131 Resp: 97576
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 63.3 32.2 96.6





#67
Ethyl Benzene
Concen: 50.380 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

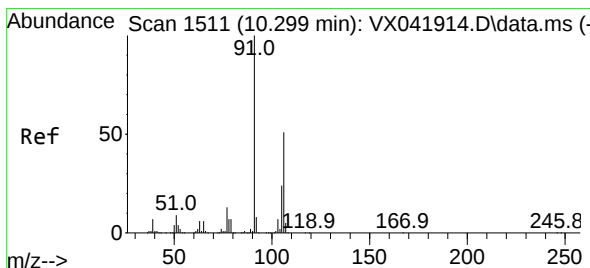
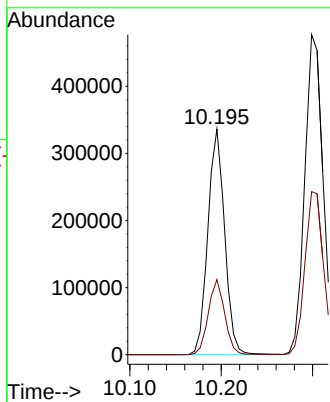
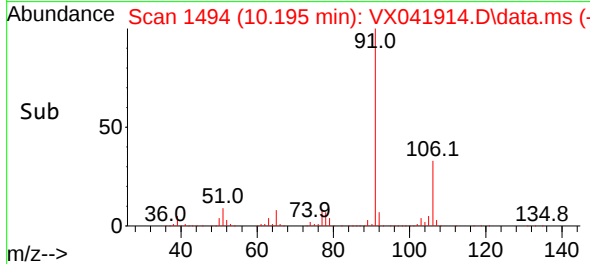
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 427730
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3

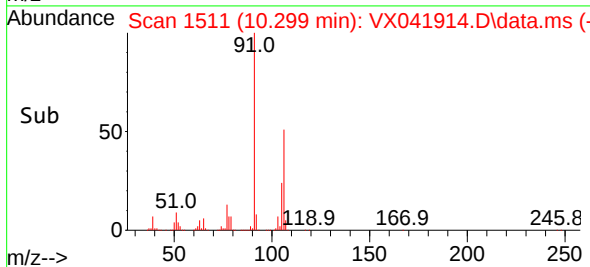
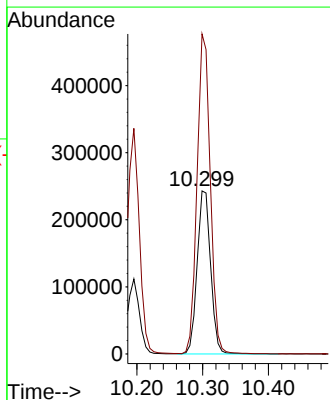
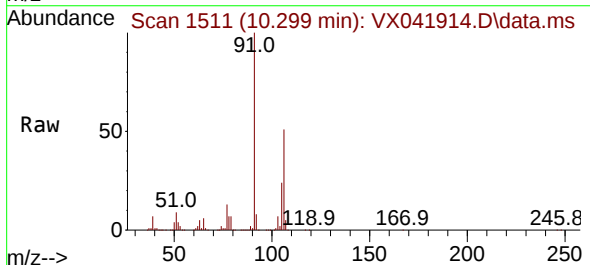
Manual Integrations
APPROVED

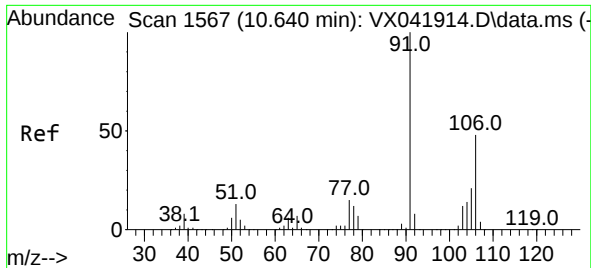
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#68
m/p-Xylenes
Concen: 100.316 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion:106 Resp: 343813
Ion Ratio Lower Upper
106 100
91 193.2 165.5 248.3





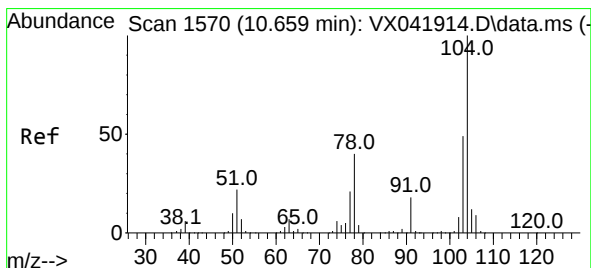
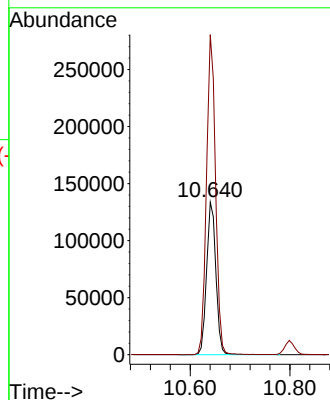
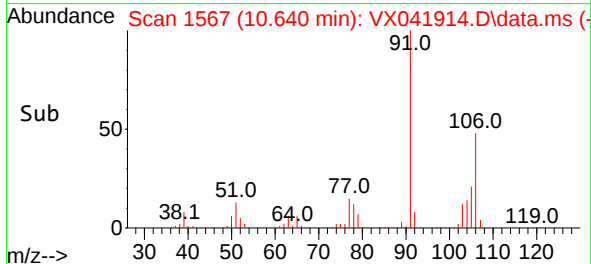
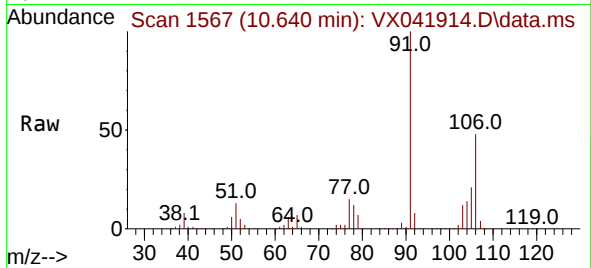
#69
o-Xylene
Concen: 50.931 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 172810
Ion Ratio Lower Upper
106 100
91 204.3 108.9 326.8

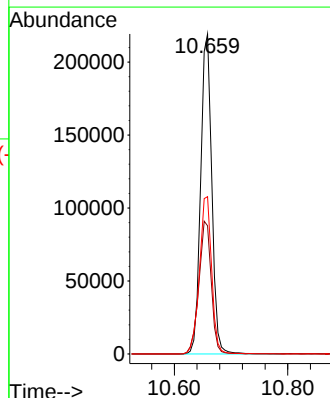
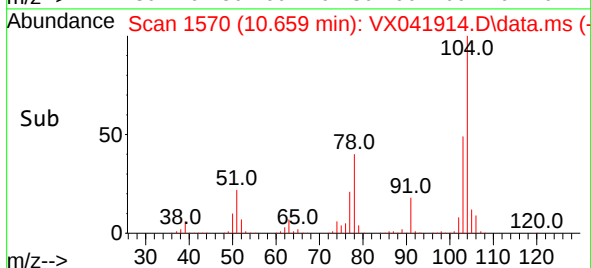
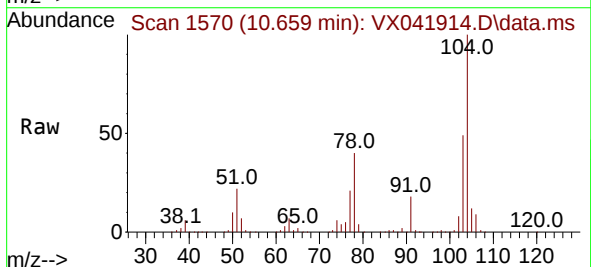
Manual Integrations
APPROVED

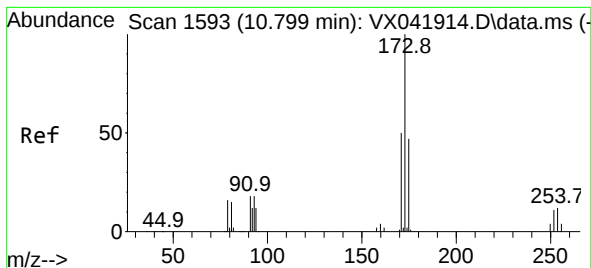
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#70
Styrene
Concen: 52.510 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

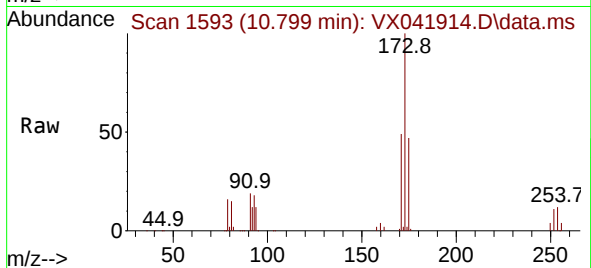
Tgt Ion:104 Resp: 298778
Ion Ratio Lower Upper
104 100
78 46.2 43.6 65.4
103 54.1 43.6 65.4





#71
Bromoform
Concen: 49.964 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

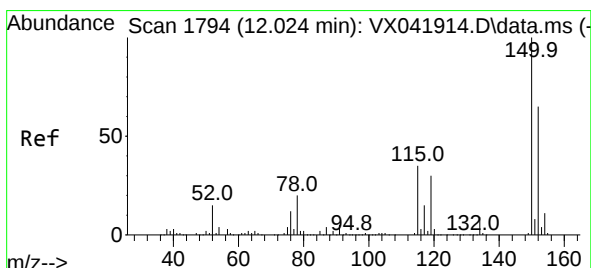
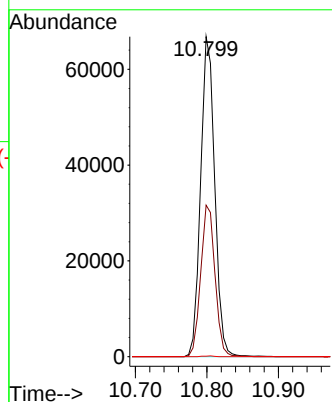
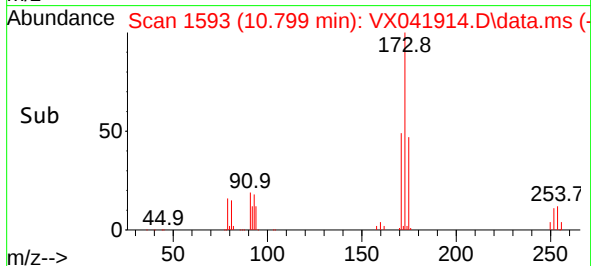
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



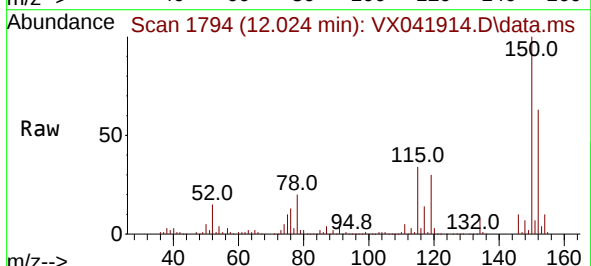
Tgt Ion:173 Resp: 91444
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.2 0.0 0.0

Manual Integrations
APPROVED

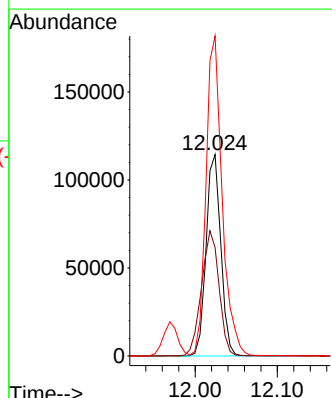
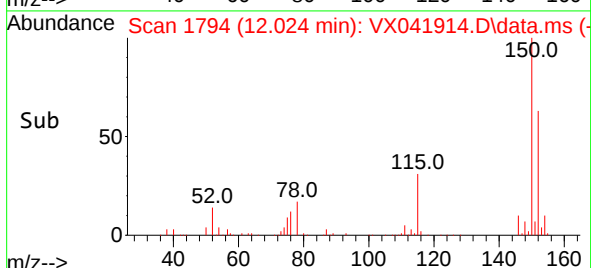
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

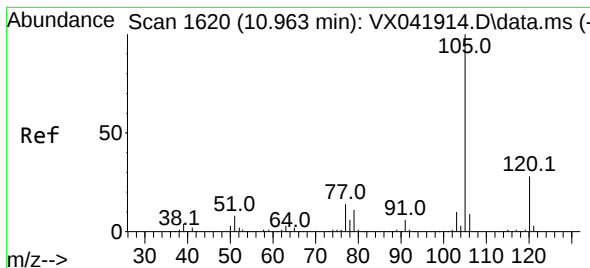


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40



Tgt Ion:152 Resp: 142095
Ion Ratio Lower Upper
152 100
115 74.2 43.3 129.9
150 174.4 0.0 345.0





#73

Isopropylbenzene

Concen: 50.781 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 43874

Ion Ratio Lower Upper

105 100

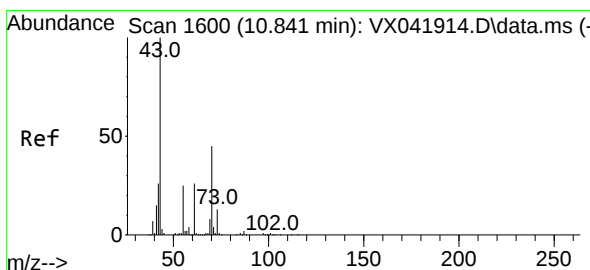
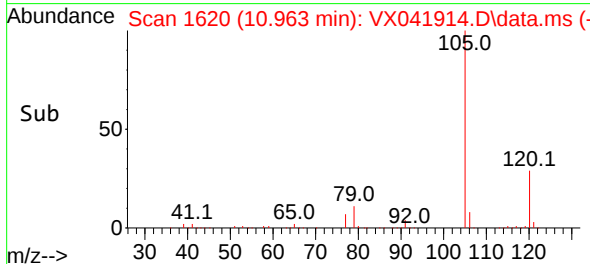
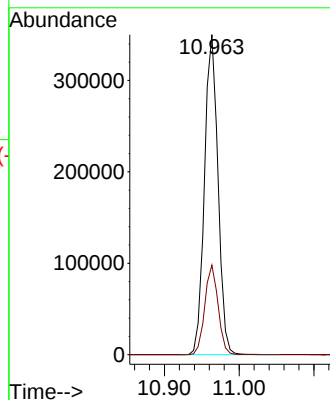
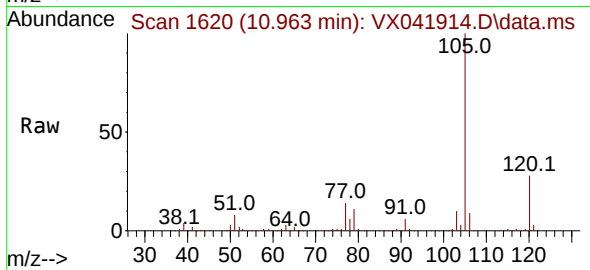
120 27.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#74

N-ethyl acetate

Concen: 52.014 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Tgt Ion: 43 Resp: 199620

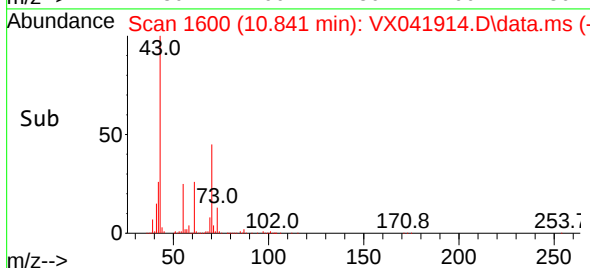
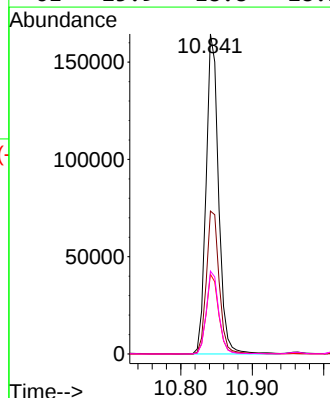
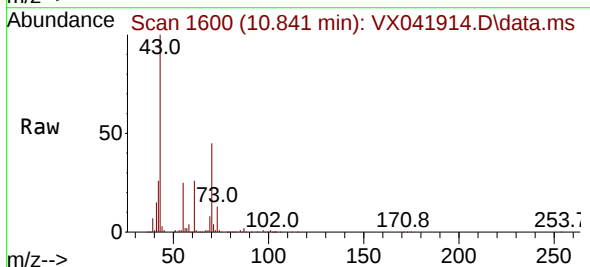
Ion Ratio Lower Upper

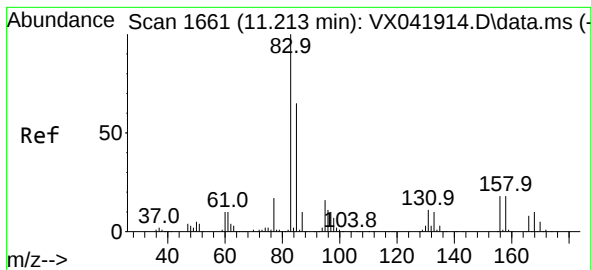
43 100

70 46.0 32.9 49.3

55 25.1 19.3 28.9

61 25.9 18.8 28.2





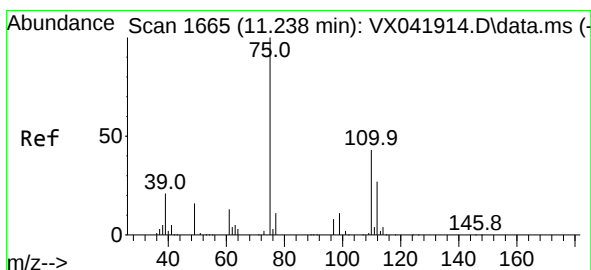
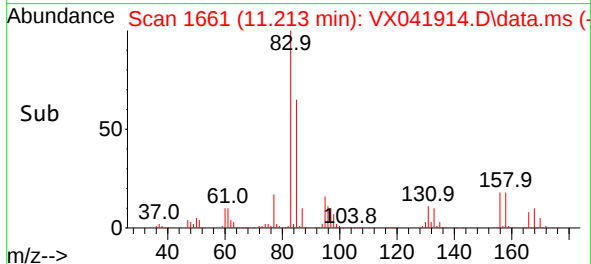
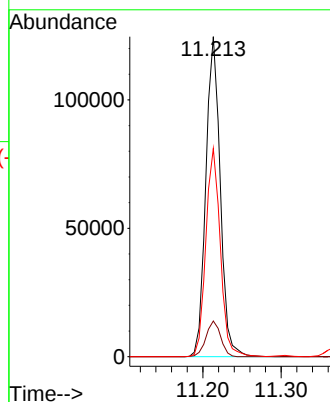
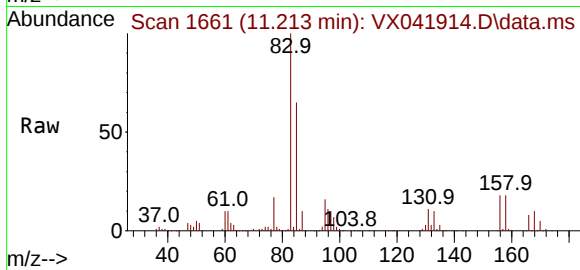
#75
1,1,2,2-Tetrachloroethane
Concen: 49.495 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 159000
Ion Ratio Lower Upper
83 100
131 11.3 5.3 15.8
85 65.4 32.0 96.2

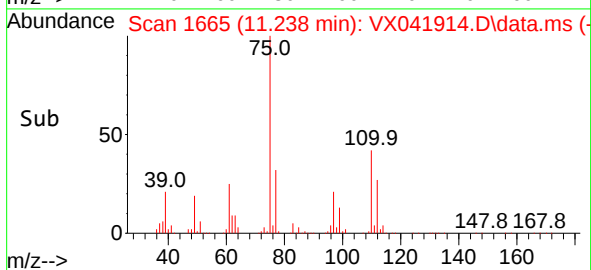
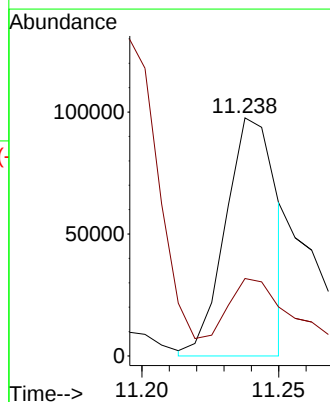
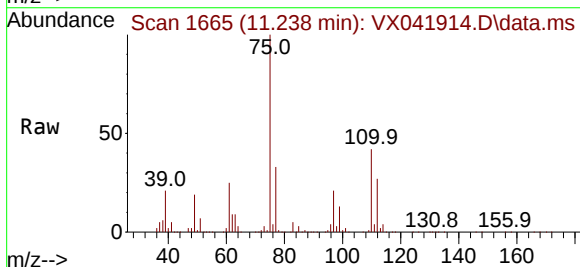
Manual Integrations
APPROVED

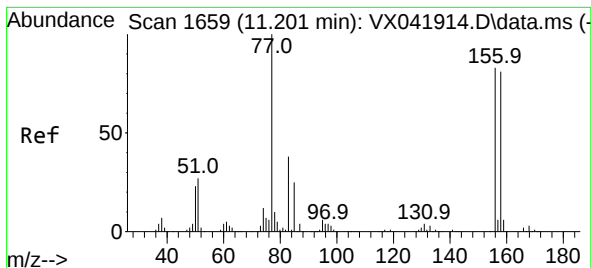
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#76
1,2,3-Trichloropropane
Concen: 48.672 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion: 75 Resp: 125554
Ion Ratio Lower Upper
75 100
77 44.7 19.1 57.5





#77

Bromobenzene

Concen: 50.239 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

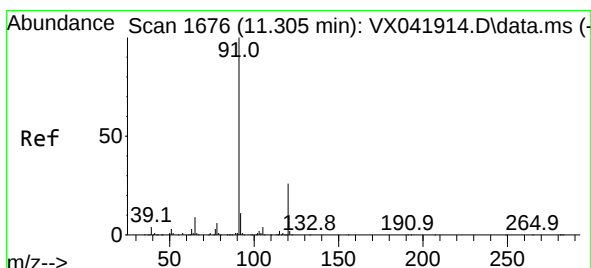
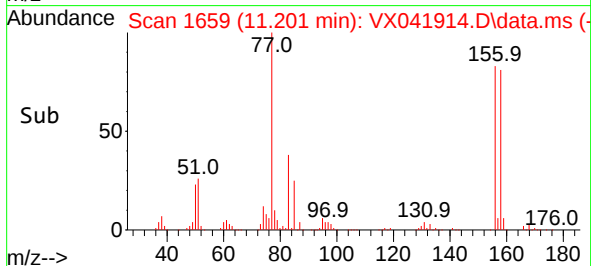
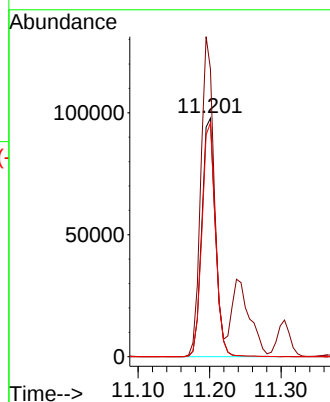
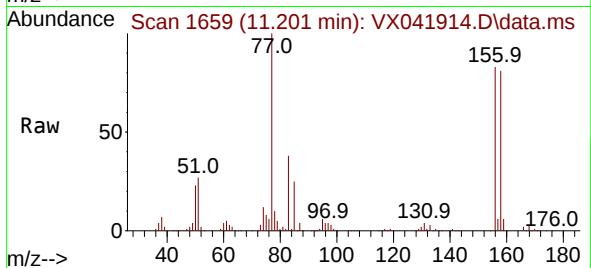
Tgt Ion:	156	Resp:	129270
Ion Ratio	Lower	Upper	
156	100		
77	130.5	88.4	265.3
158	97.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#78

n-propylbenzene

Concen: 51.654 ug/l

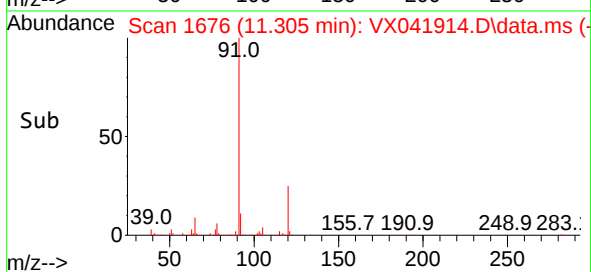
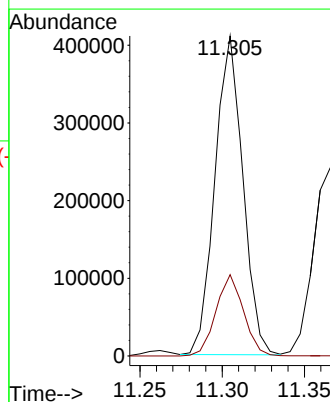
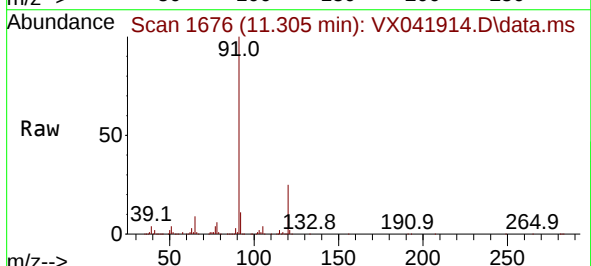
RT: 11.305 min Scan# 1676

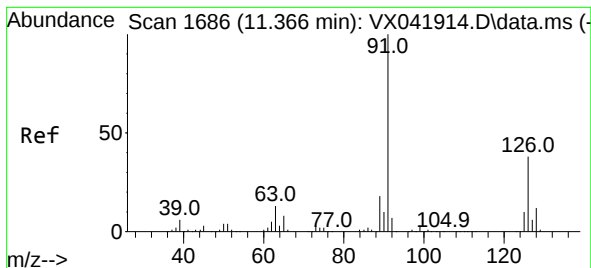
Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Tgt Ion:	91	Resp:	484233
Ion Ratio	Lower	Upper	
91	100		
120	25.2	11.5	34.4





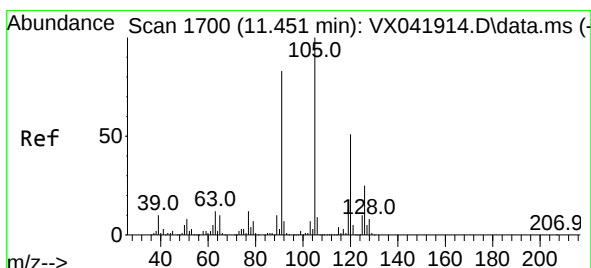
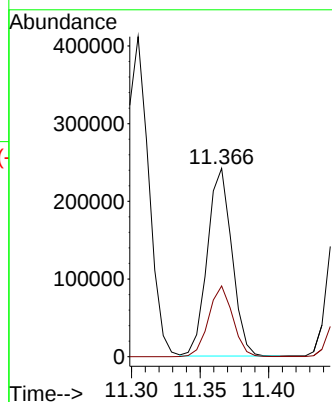
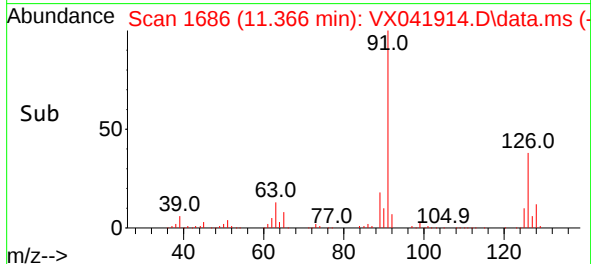
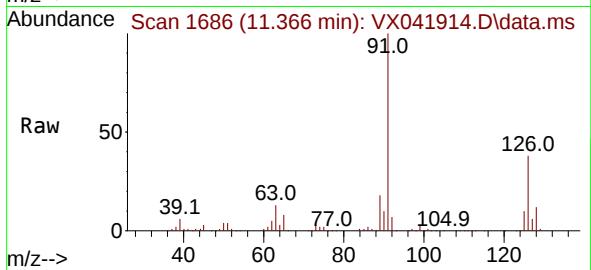
#79
2-Chlorotoluene
Concen: 49.858 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 30114
Ion Ratio Lower Upper
91 100
126 37.0 16.3 48.8

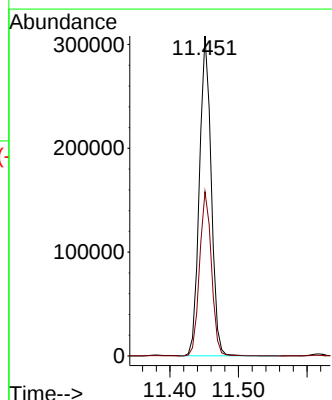
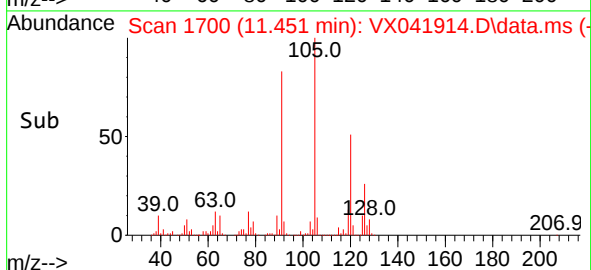
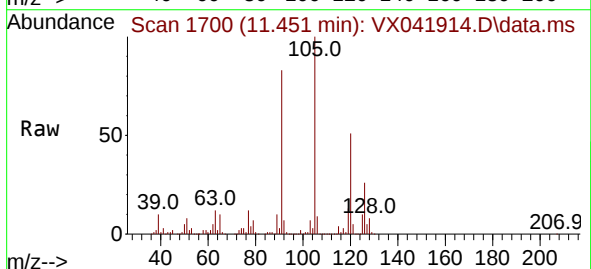
Manual Integrations
APPROVED

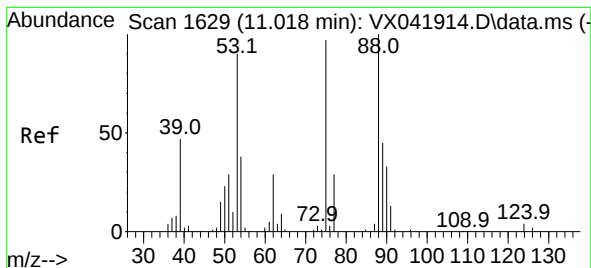
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.211 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Tgt Ion:105 Resp: 368536
Ion Ratio Lower Upper
105 100
120 52.0 24.1 72.3





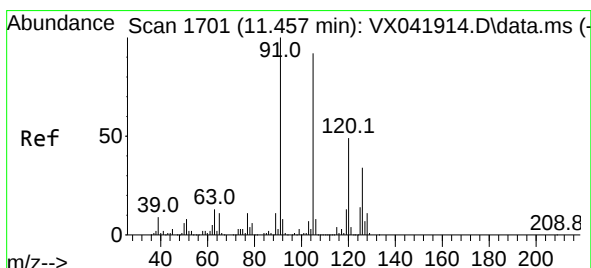
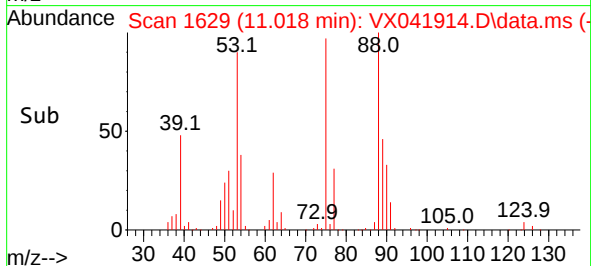
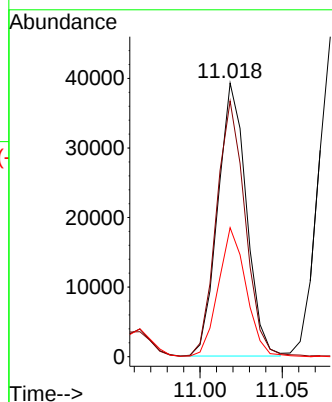
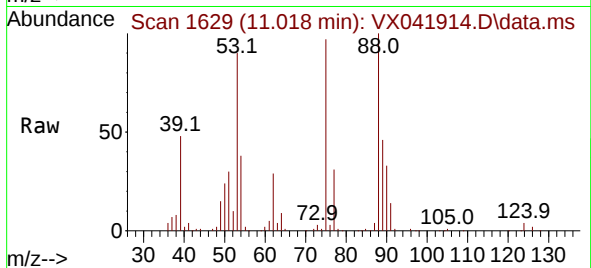
#81
trans-1,4-Dichloro-2-butene
Concen: 52.178 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 47395
Ion Ratio Lower Upper
75 100
53 95.1 90.5 135.7
89 46.2 36.9 55.3

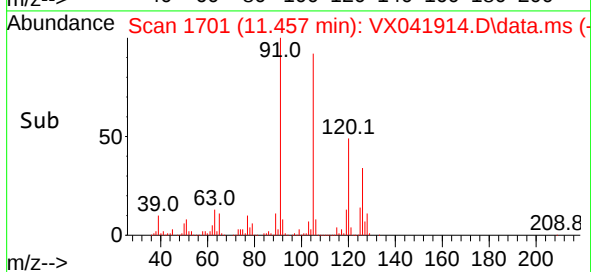
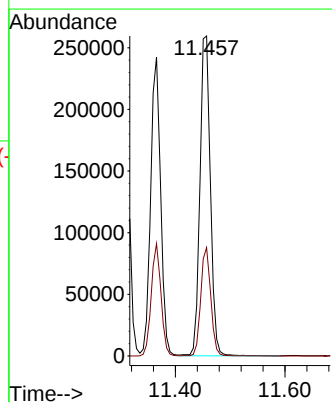
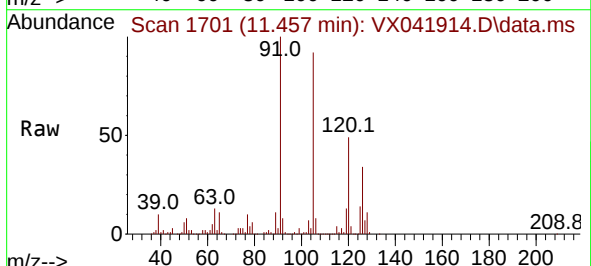
Manual Integrations
APPROVED

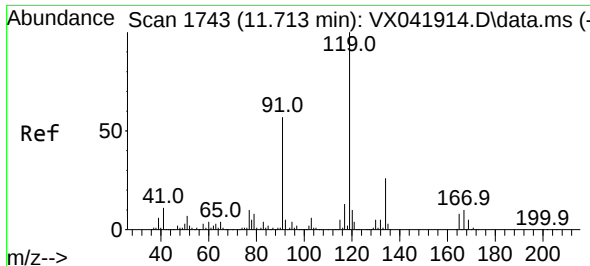
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#82
4-Chlorotoluene
Concen: 51.435 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

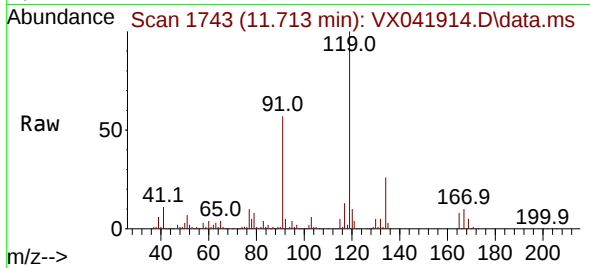
Tgt Ion: 91 Resp: 343422
Ion Ratio Lower Upper
91 100
126 32.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.157 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

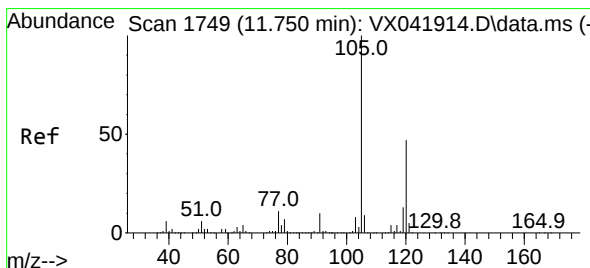
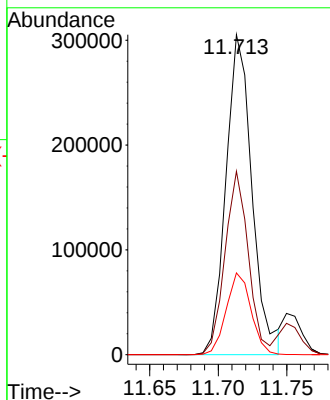
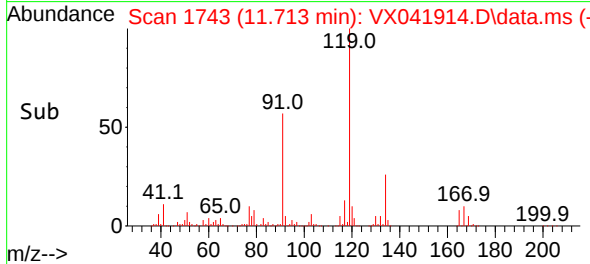
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



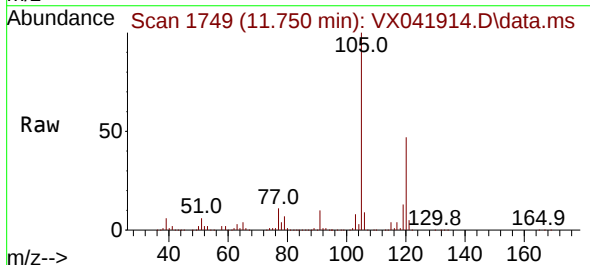
Tgt Ion:119 Resp: 403958
Ion Ratio Lower Upper
119 100
91 51.6 31.2 93.6
134 24.4 11.7 35.0

Manual Integrations
APPROVED

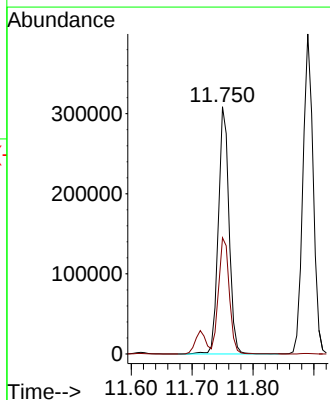
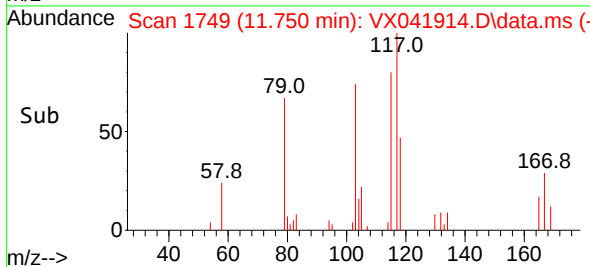
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

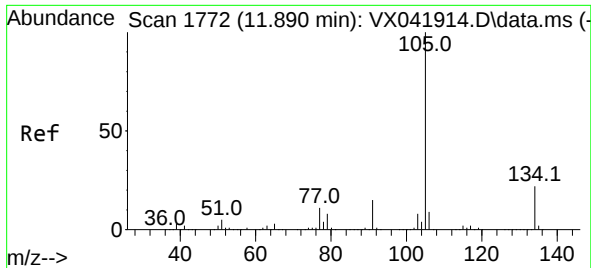


#84
1,2,4-Trimethylbenzene
Concen: 52.076 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40



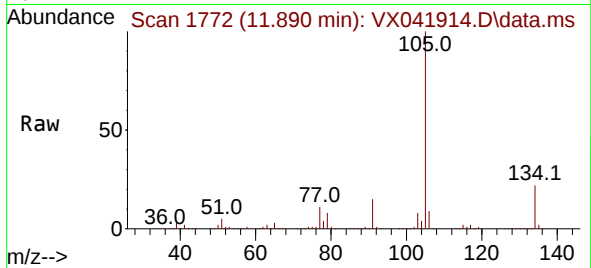
Tgt Ion:105 Resp: 375981
Ion Ratio Lower Upper
105 100
120 47.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.047 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041914.D
 Acq: 18 Jun 2024 10:40

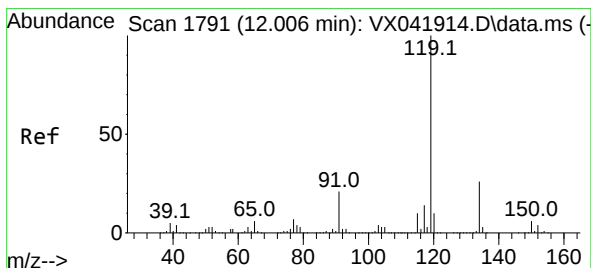
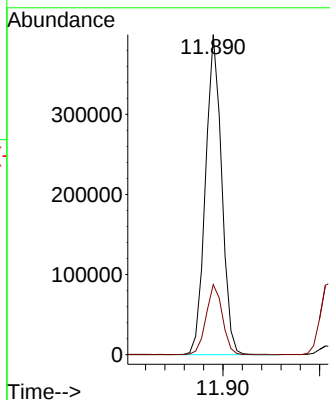
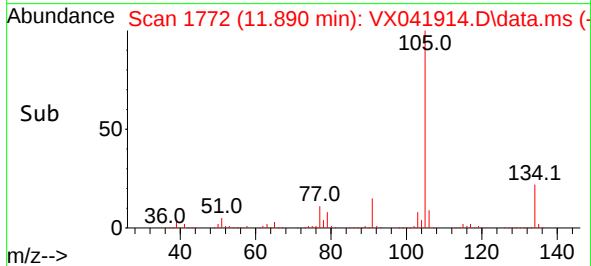
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion:105 Resp: 46485
 Ion Ratio Lower Upper
 105 100
 134 22.1 9.8 29.4

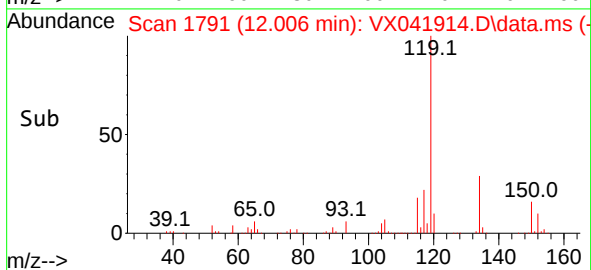
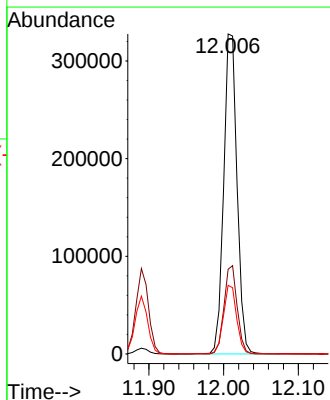
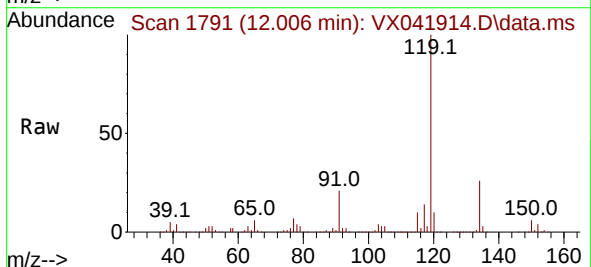
Manual Integrations
 APPROVED

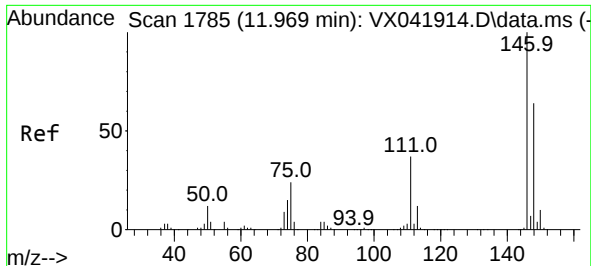
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024



#86
 p-Isopropyltoluene
 Concen: 52.321 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041914.D
 Acq: 18 Jun 2024 10:40

Tgt Ion:119 Resp: 408207
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.3
 91 21.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.669 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 229174

Ion Ratio Lower Upper

146 100

111 36.4 22.1 66.1

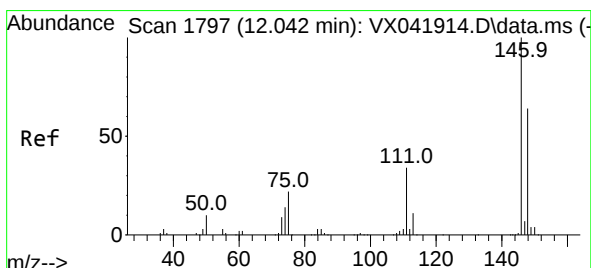
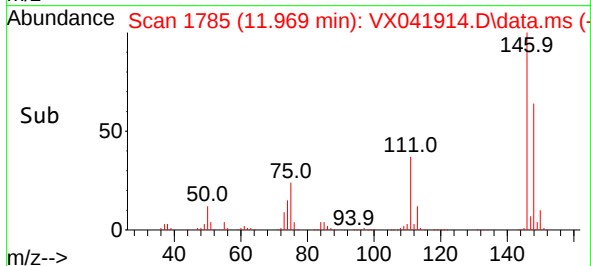
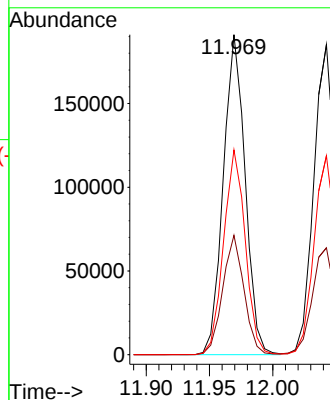
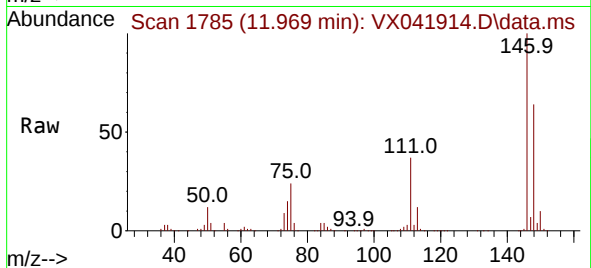
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#88

1,4-Dichlorobenzene

Concen: 49.471 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

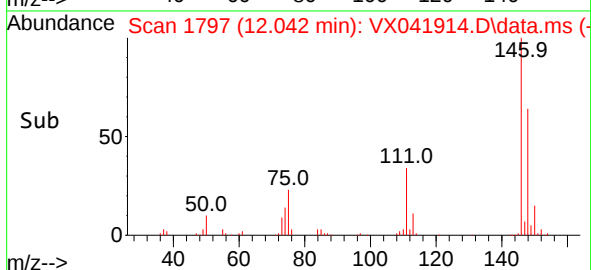
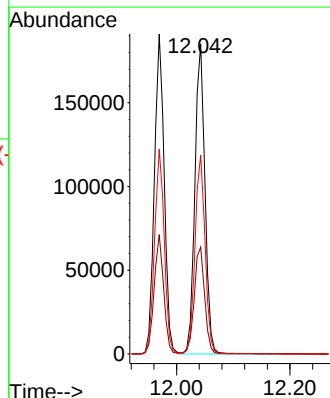
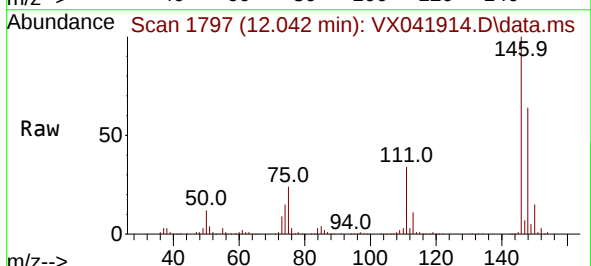
Tgt Ion:146 Resp: 229043

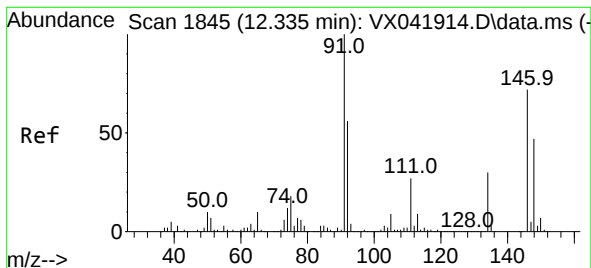
Ion Ratio Lower Upper

146 100

111 35.6 21.3 63.7

148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 52.499 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 315290

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.0

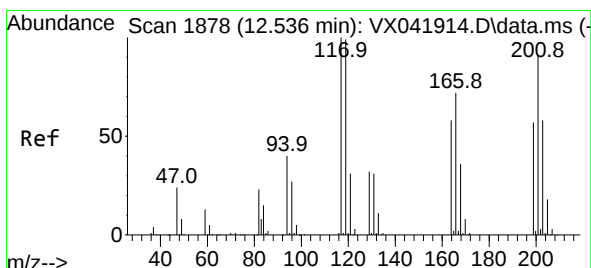
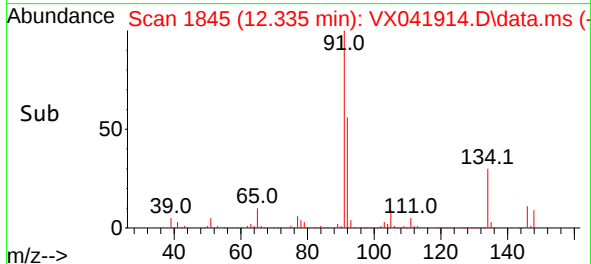
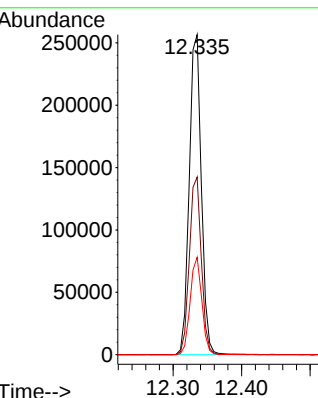
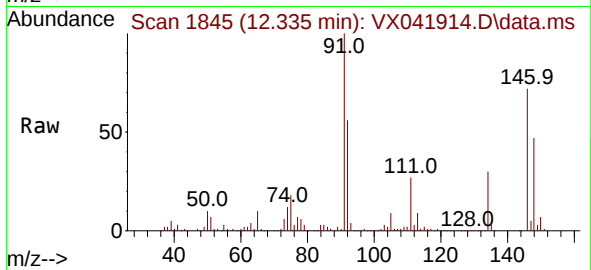
134 29.5 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#90

Hexachloroethane

Concen: 51.328 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041914.D

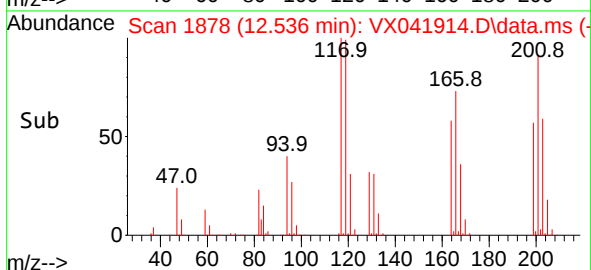
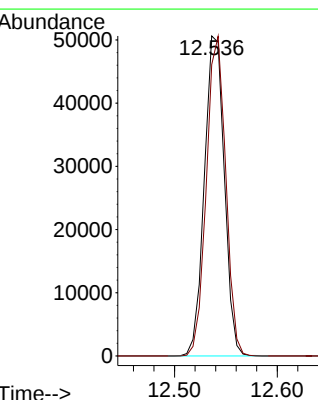
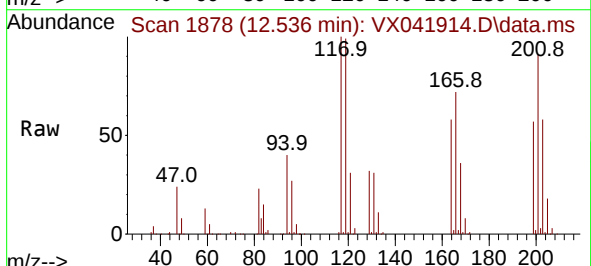
Acq: 18 Jun 2024 10:40

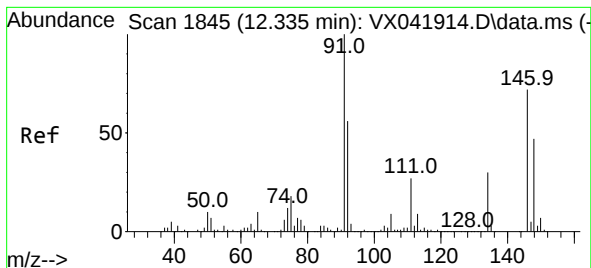
Tgt Ion:117 Resp: 68179

Ion Ratio Lower Upper

117 100

201 96.7 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 50.484 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 23364

Ion Ratio Lower Upper

146 100

111 38.2 22.4 67.0

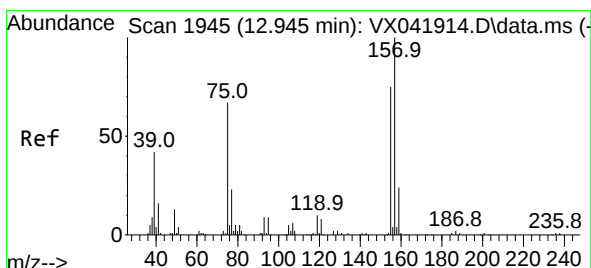
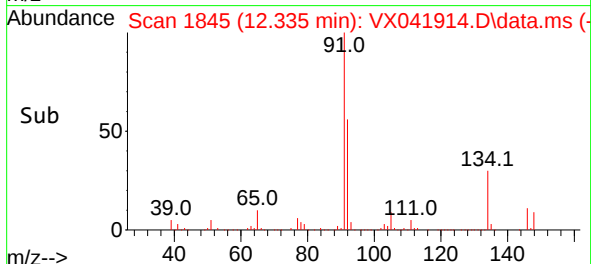
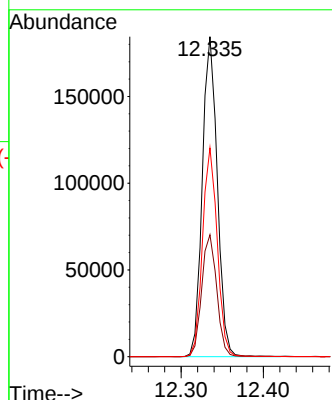
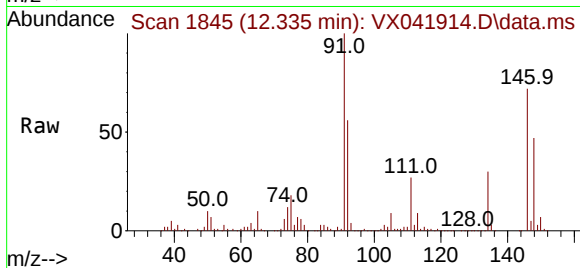
148 64.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.231 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

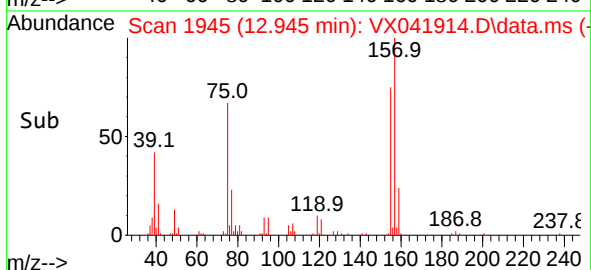
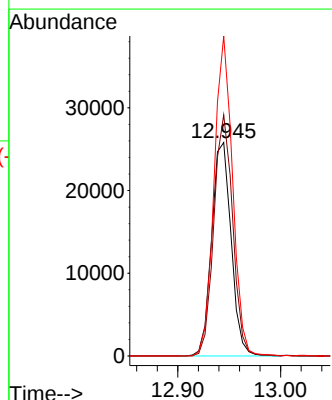
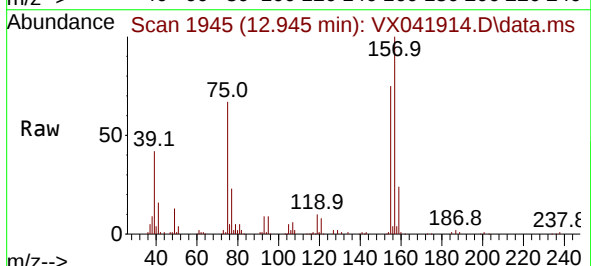
Tgt Ion: 75 Resp: 33889

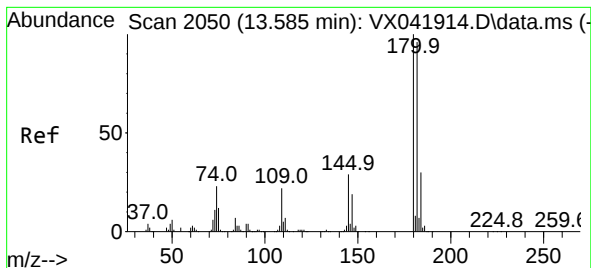
Ion Ratio Lower Upper

75 100

155 109.3 36.1 108.5#

157 141.7 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 52.054 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

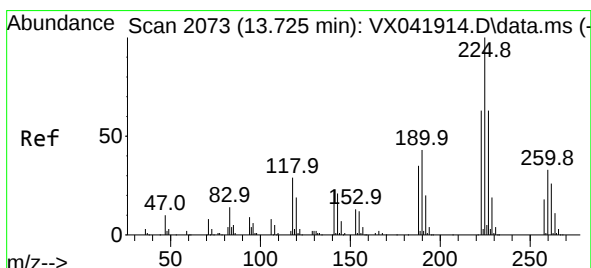
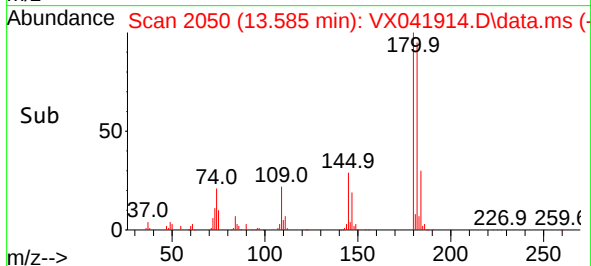
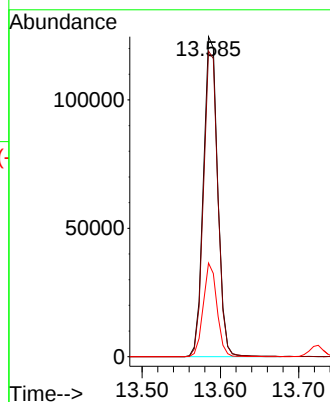
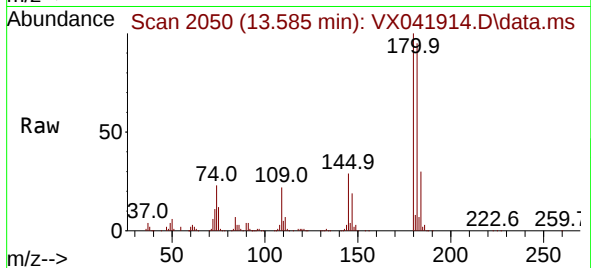
Tgt Ion:	180	Resp:	157819
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.3	144.8
145	28.1	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#94

Hexachlorobutadiene

Concen: 49.512 ug/l

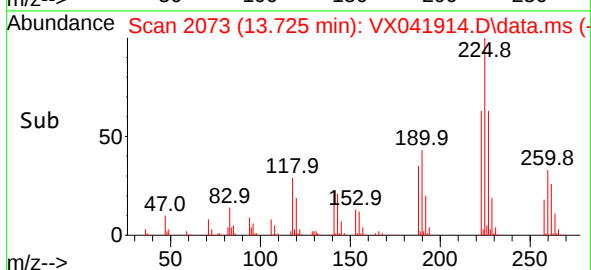
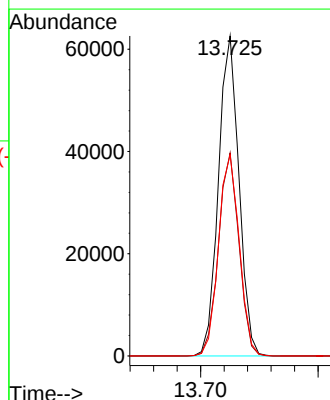
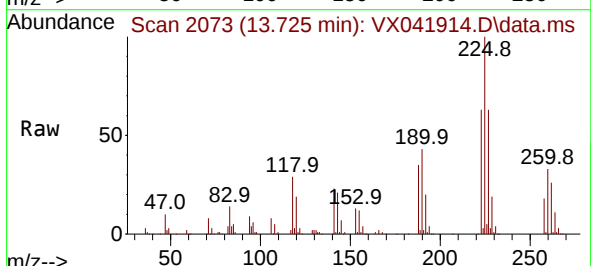
RT: 13.725 min Scan# 2073

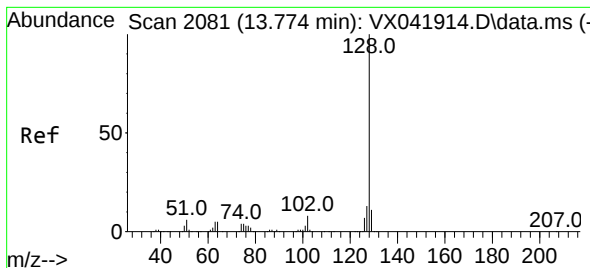
Delta R.T. 0.000 min

Lab File: VX041914.D

Acq: 18 Jun 2024 10:40

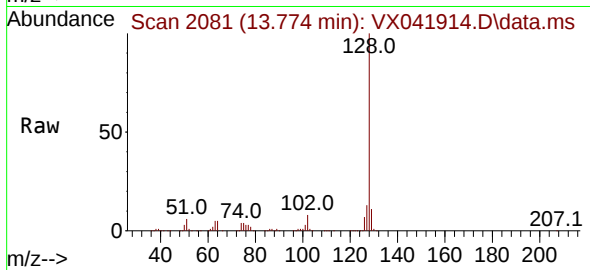
Tgt Ion:	225	Resp:	75907
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.1	93.2
227	63.7	32.5	97.5





#95
Naphthalene
Concen: 49.999 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40

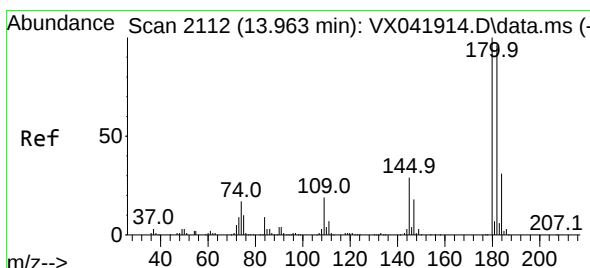
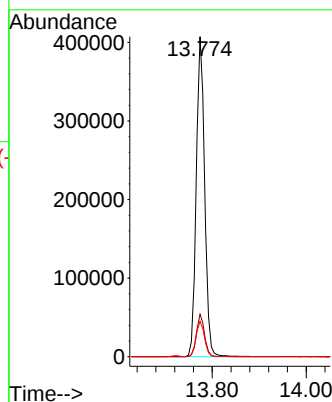
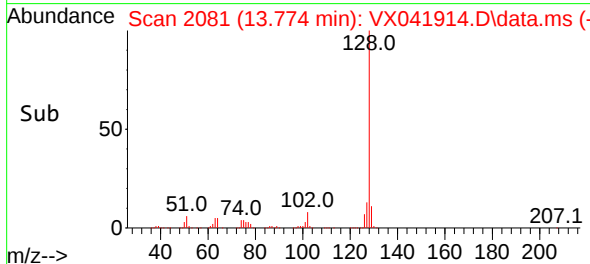
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



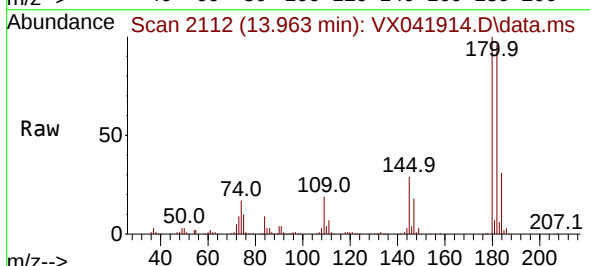
Tgt Ion:128 Resp: 509374
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.083 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041914.D
Acq: 18 Jun 2024 10:40



Tgt Ion:180 Resp: 166540
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 29.4 17.8 53.5

