

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040414.D
 Acq On : 22 Feb 2024 22:42
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

Quant Time: Feb 23 06:32:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:27:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	81057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64514	48.871	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.740%		
35) Dibromofluoromethane	5.385	113	48234	50.293	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.580%		
50) Toluene-d8	8.647	98	173948	50.213	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.420%		
62) 4-Bromofluorobenzene	11.079	95	67193	48.404	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51910	53.130	ug/l	95
3) Chloromethane	1.294	50	55073	49.862	ug/l	95
4) Vinyl Chloride	1.374	62	55933	50.773	ug/l	100
5) Bromomethane	1.599	94	35933	55.444	ug/l	99
6) Chloroethane	1.678	64	33902	51.061	ug/l	98
7) Trichlorofluoromethane	1.886	101	87447	49.753	ug/l	98
8) Diethyl Ether	2.136	74	31207	49.704	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	46030	49.562	ug/l	99
10) Methyl Iodide	2.453	142	57052	52.795	ug/l	96
11) Tert butyl alcohol	2.959	59	62918	246.571	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	44051	49.177	ug/l	99
13) Acrolein	2.233	56	77595	254.163	ug/l	98
14) Allyl chloride	2.660	41	82979	50.159	ug/l	97
15) Acrylonitrile	3.062	53	152459	254.841	ug/l	99
16) Acetone	2.380	43	133531	242.767	ug/l	96
17) Carbon Disulfide	2.508	76	123815	50.277	ug/l	99
18) Methyl Acetate	2.703	43	74625	52.377	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	162482	50.873	ug/l	99
20) Methylene Chloride	2.788	84	52592	45.665	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	49800	49.271	ug/l	95
22) Diisopropyl ether	3.763	45	169080	51.706	ug/l	89
23) Vinyl Acetate	3.721	43	775304	259.790	ug/l	100
24) 1,1-Dichloroethane	3.611	63	95347	50.421	ug/l	100
25) 2-Butanone	4.550	43	218771	255.118	ug/l	98
26) 2,2-Dichloropropane	4.477	77	61763	50.040	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	56734	50.370	ug/l	97
28) Bromochloromethane	4.897	49	42024	47.646	ug/l	99
29) Tetrahydrofuran	5.001	42	146732	257.045	ug/l	100
30) Chloroform	5.099	83	100187	49.157	ug/l	98
31) Cyclohexane	5.470	56	79131	49.999	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	85107	50.441	ug/l	99
36) 1,1-Dichloropropene	5.690	75	71753	48.344	ug/l	99
37) Ethyl Acetate	4.714	43	84206	49.657	ug/l	98
38) Carbon Tetrachloride	5.678	117	69715	50.767	ug/l	96
39) Methylcyclohexane	7.379	83	80024	50.873	ug/l	97
40) Benzene	6.037	78	204078	50.542	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46763	51.933	ug/l	97
42) 1,2-Dichloroethane	6.086	62	86767	51.706	ug/l	99
43) Isopropyl Acetate	6.336	43	132973	51.104	ug/l	98
44) Trichloroethene	7.129	130	53460	50.623	ug/l	97
45) 1,2-Dichloropropane	7.434	63	54460	50.539	ug/l	100
46) Dibromomethane	7.580	93	40198	49.722	ug/l	99
47) Bromodichloromethane	7.824	83	77232	51.330	ug/l	94
48) Methyl methacrylate	7.690	41	68405	53.085	ug/l	93
49) 1,4-Dioxane	7.659	88	28451	1095.395	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	457577	258.925	ug/l	98
52) Toluene	8.720	92	128469	51.918	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	78252	51.586	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	85053	52.634	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	53517	50.511	ug/l	93
56) Ethyl methacrylate	9.116	69	84888	52.436	ug/l	96
57) 1,3-Dichloropropane	9.305	76	91332	49.482	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	215605	265.605	ug/l	94
59) 2-Hexanone	9.427	43	354477	260.081	ug/l	99
60) Dibromochloromethane	9.518	129	55926	52.640	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58115	51.032	ug/l	99
64) Tetrachloroethene	9.275	164	47458	48.796	ug/l	99
65) Chlorobenzene	10.079	112	136427	50.979	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	49159	52.528	ug/l	98
67) Ethyl Benzene	10.195	91	255989	50.992	ug/l	100
68) m/p-Xylenes	10.299	106	191123	104.407	ug/l	96
69) o-Xylene	10.640	106	92930	51.359	ug/l	94
70) Styrene	10.652	104	158624	53.181	ug/l	99
71) Bromoform	10.799	173	40229	53.171	ug/l #	100
73) Isopropylbenzene	10.963	105	248148	51.920	ug/l	100
74) N-amyl acetate	10.841	43	120441	54.313	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	89662	52.478	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75179m	50.052	ug/l	
77) Bromobenzene	11.195	156	59152	50.650	ug/l	97
78) n-propylbenzene	11.305	91	307331	52.057	ug/l	98
79) 2-Chlorotoluene	11.366	91	178810	50.748	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	213231	52.514	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	22125	51.254	ug/l	97
82) 4-Chlorotoluene	11.457	91	209078	50.631	ug/l	99
83) tert-Butylbenzene	11.713	119	197155	51.513	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	214580	52.375	ug/l	99
85) sec-Butylbenzene	11.890	105	263621	51.741	ug/l	99
86) p-Isopropyltoluene	12.006	119	214240	52.627	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112269	50.263	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	113977	49.220	ug/l	99
89) n-Butylbenzene	12.335	91	205547	51.318	ug/l	96
90) Hexachloroethane	12.536	117	34739	53.284	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	108673	50.312	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21350	54.796	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	72100	51.849	ug/l	97
94) Hexachlorobutadiene	13.725	225	27323	54.252	ug/l	98
95) Naphthalene	13.774	128	240003	53.784	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69707	52.065	ug/l	98

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

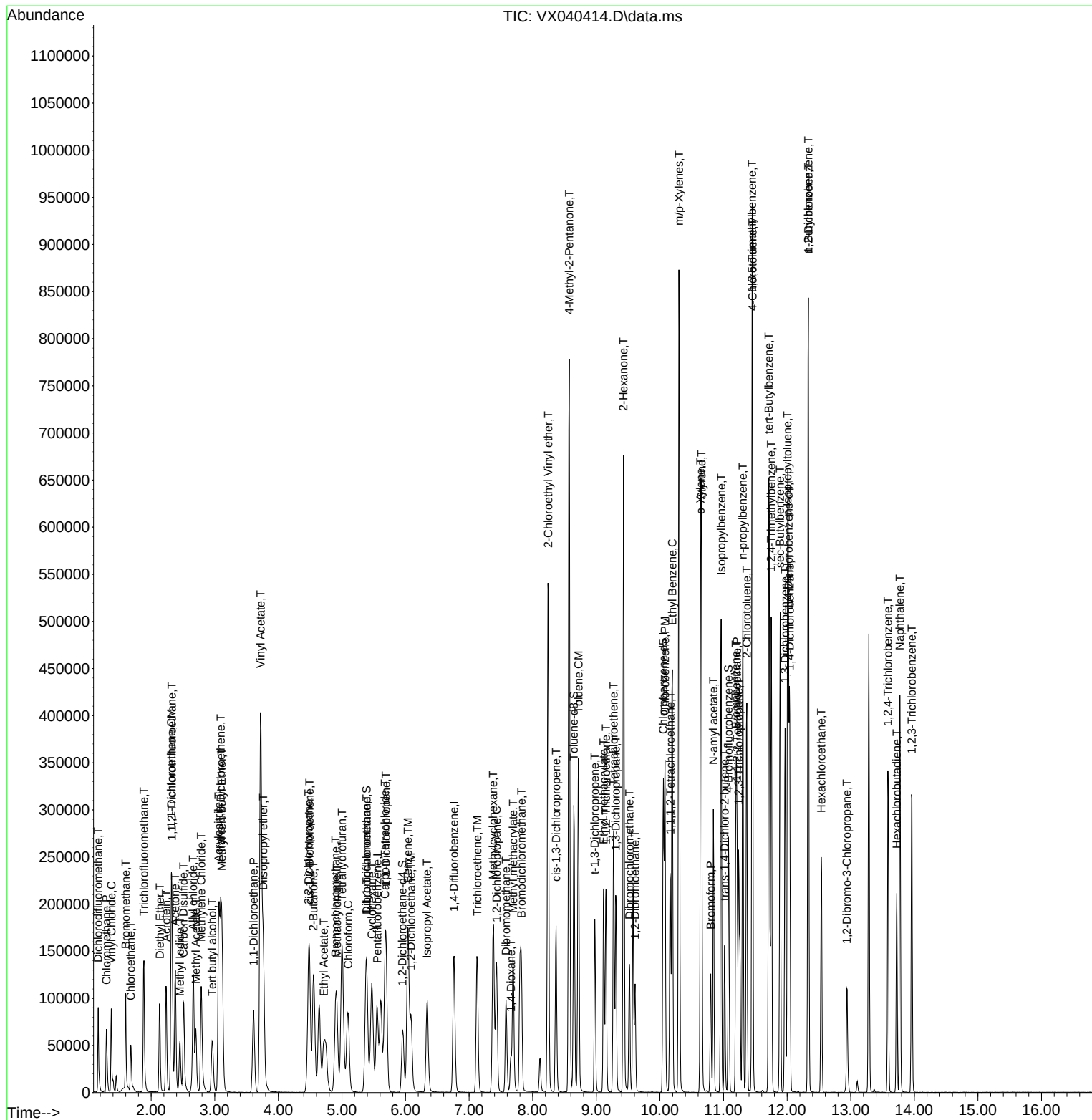
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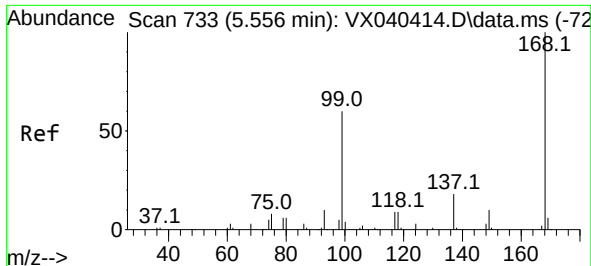
Instrument :
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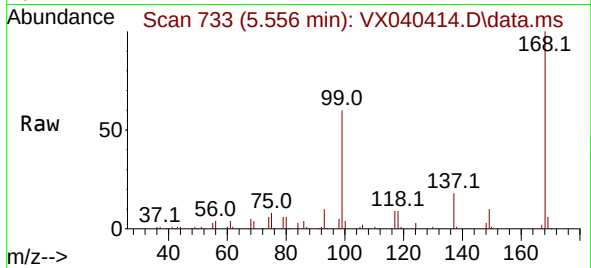
Reviewed By : John Carlone 02/23/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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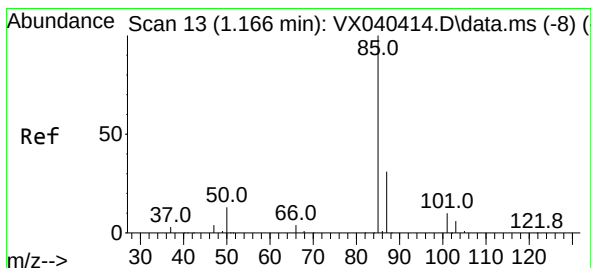
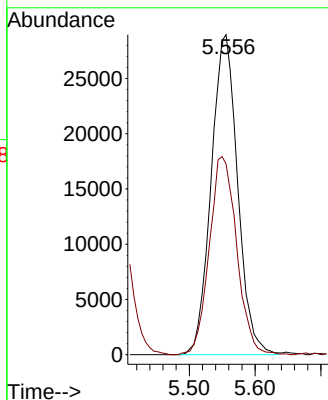
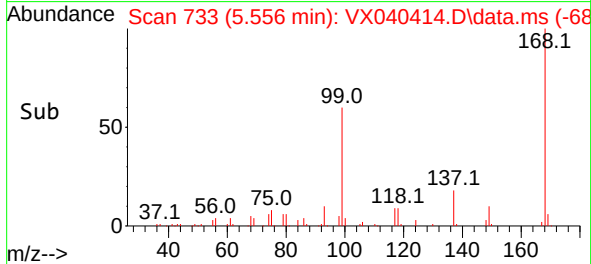
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 8105
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0

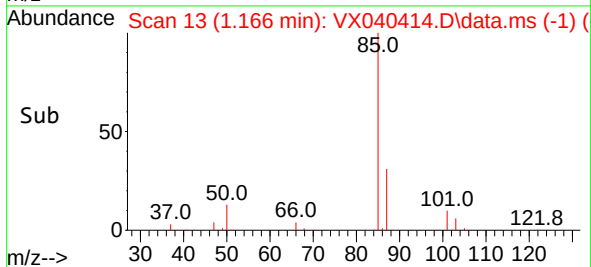
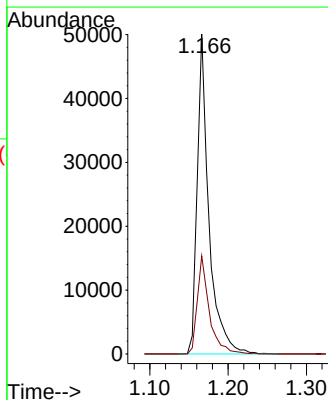
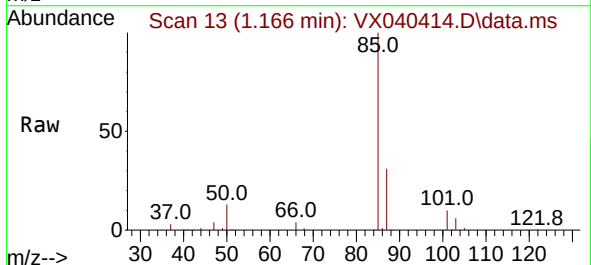
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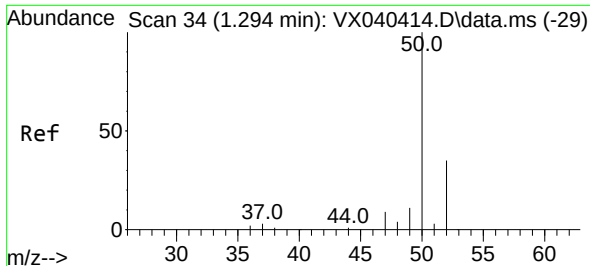
Reviewed By :John Carlone 02/23/2024
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#2
Dichlorodifluoromethane
Concen: 53.130 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

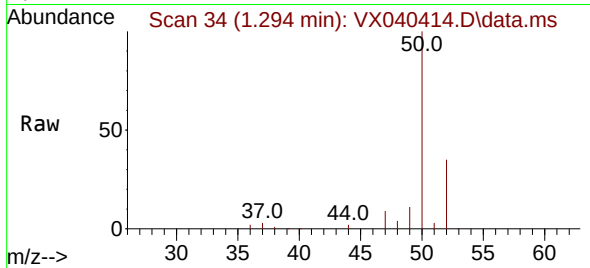
Tgt Ion: 85 Resp: 51910
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.1





#3
Chloromethane
Concen: 49.862 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

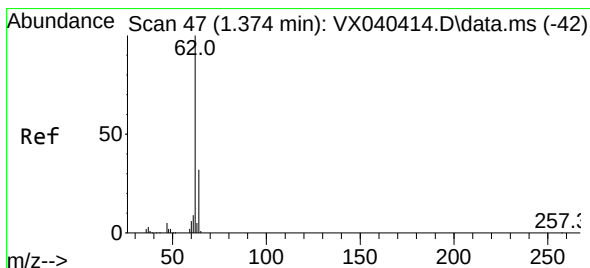
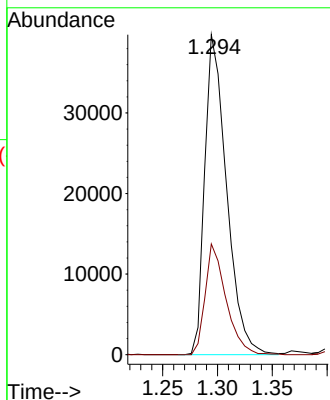
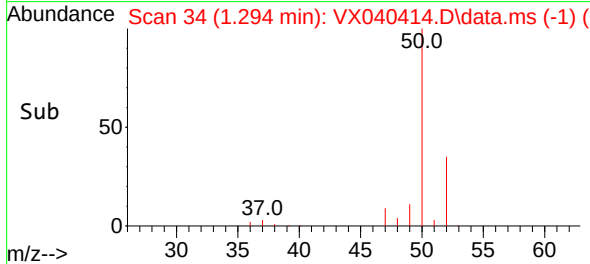
Instrument :
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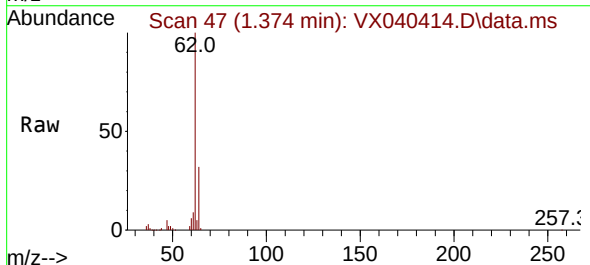
Tgt Ion: 50 Resp: 55073
Ion Ratio Lower Upper
50 100
52 34.6 25.5 38.3

Manual Integrations
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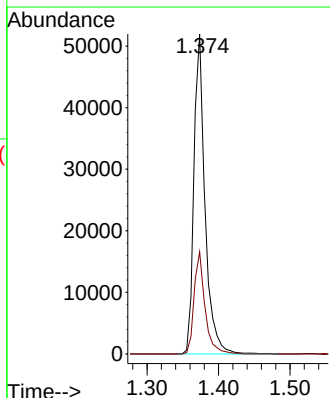
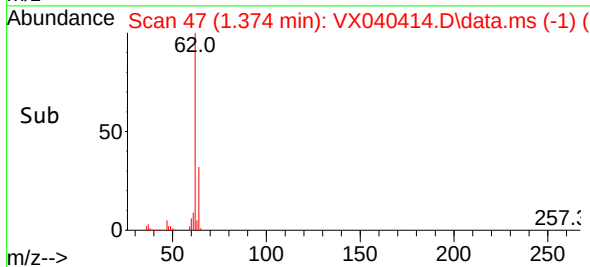
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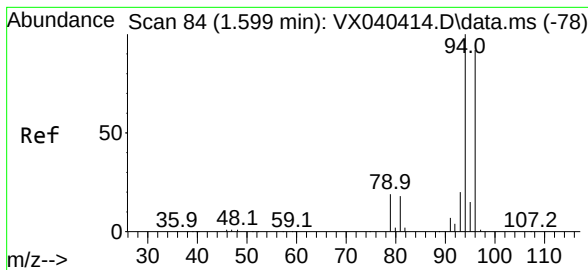


#4
Vinyl Chloride
Concen: 50.773 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42



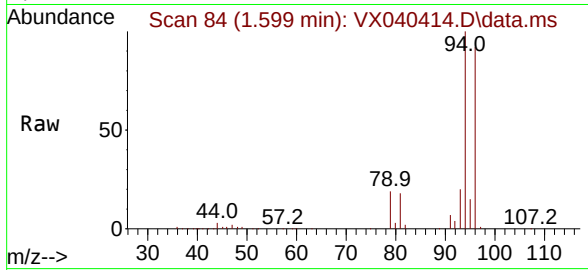
Tgt Ion: 62 Resp: 55933
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 55.444 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

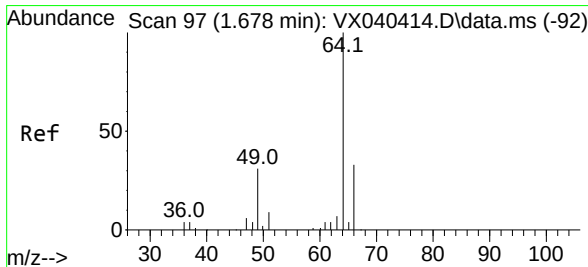
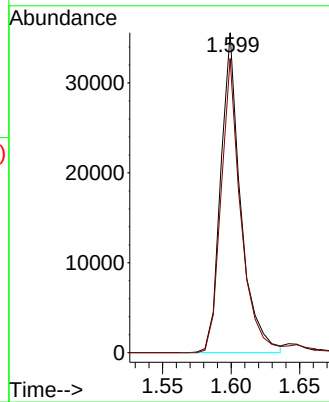
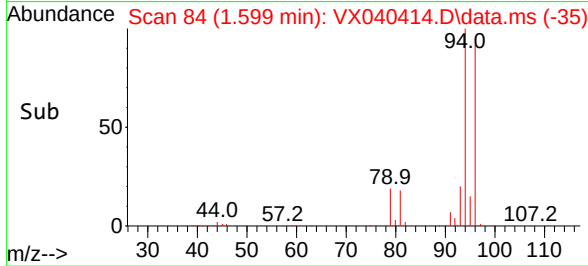
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Tgt Ion: 94 Resp: 3593
Ion Ratio Lower Upper
94 100
96 92.0 74.6 111.8

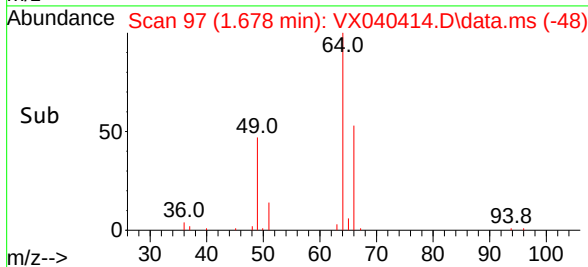
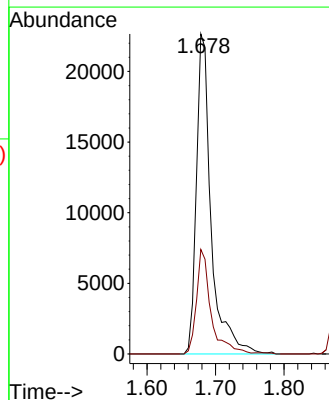
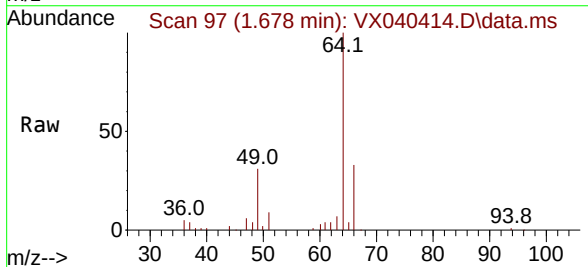
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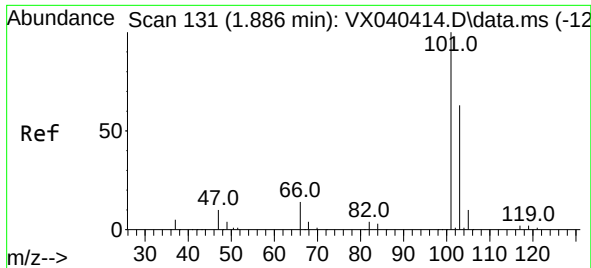
Reviewed By :John Carlone 02/23/2024
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#6
Chloroethane
Concen: 51.061 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

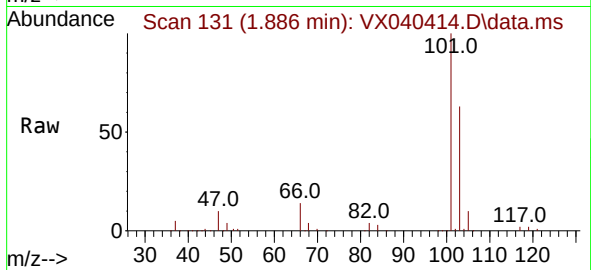
Tgt Ion: 64 Resp: 33902
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.753 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

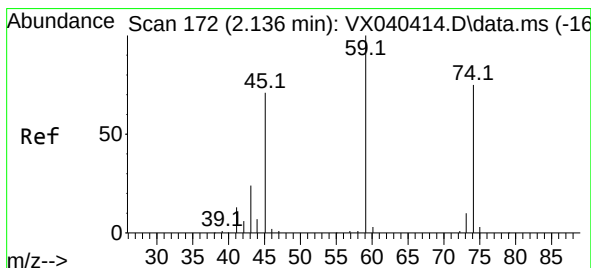
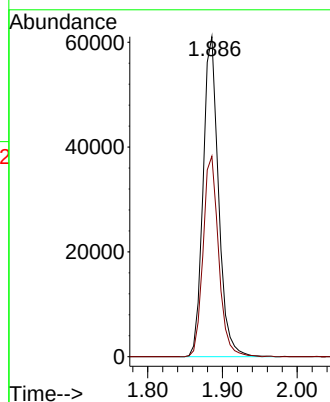
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 8744
Ion Ratio Lower Upper
101 100
103 62.7 51.4 77.2

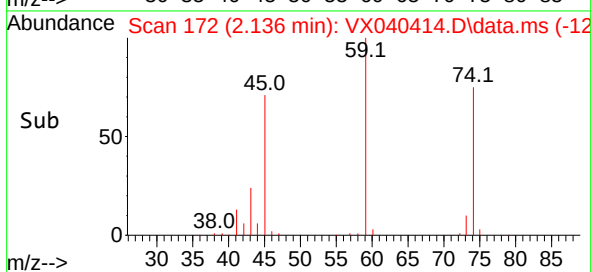
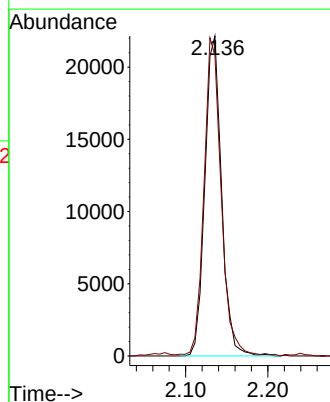
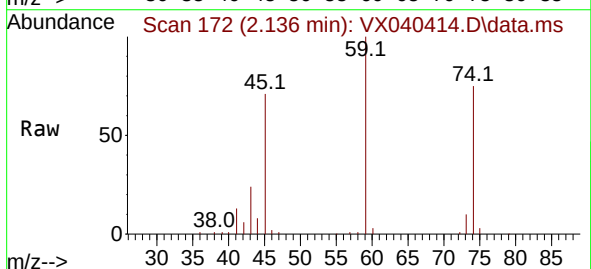
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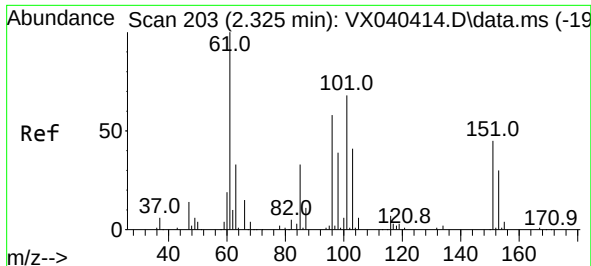
Reviewed By :John Carlone 02/23/2024
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#8
Diethyl Ether
Concen: 49.704 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 31207
Ion Ratio Lower Upper
74 100
45 102.9 53.3 159.8





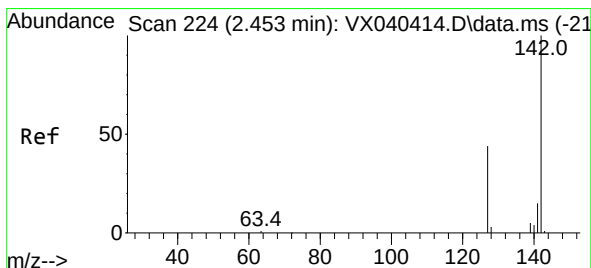
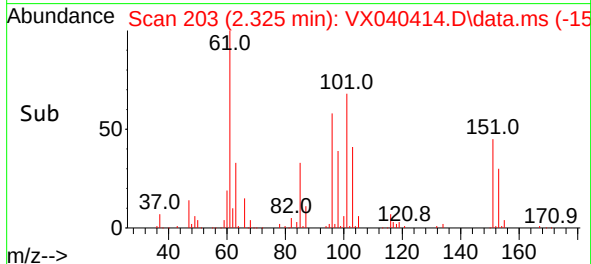
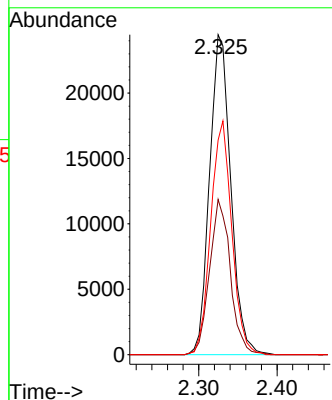
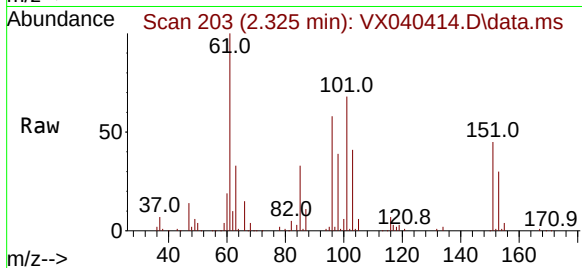
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.562 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 46030
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 72.4 58.6 87.8

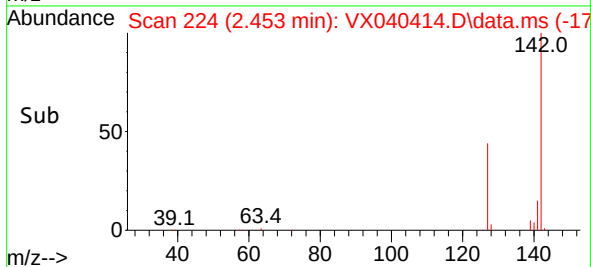
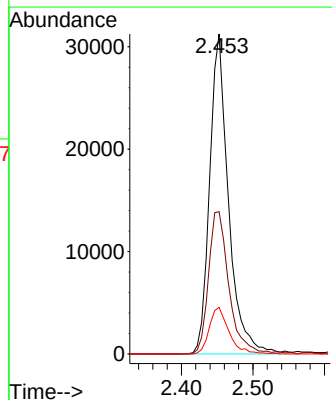
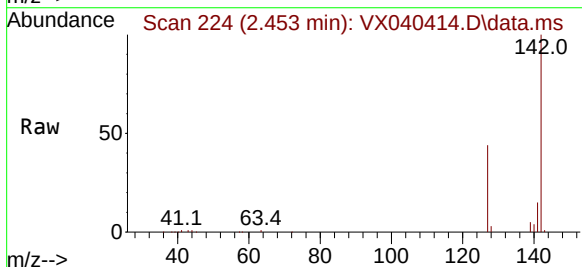
Manual Integrations
APPROVED

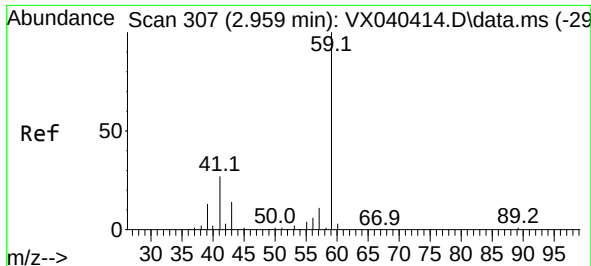
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#10
Methyl Iodide
Concen: 52.795 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

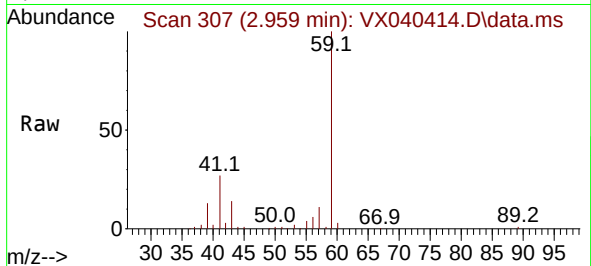
Tgt Ion:142 Resp: 57052
Ion Ratio Lower Upper
142 100
127 48.6 41.6 62.4
141 15.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 246.571 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

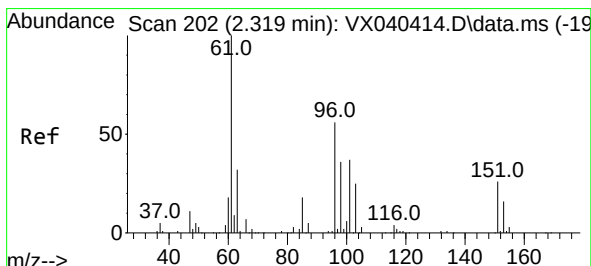
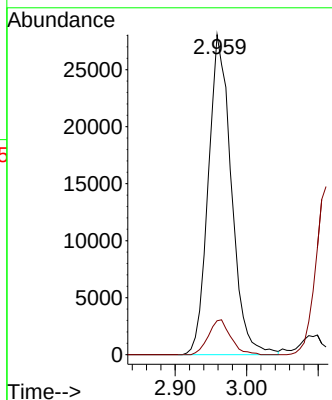
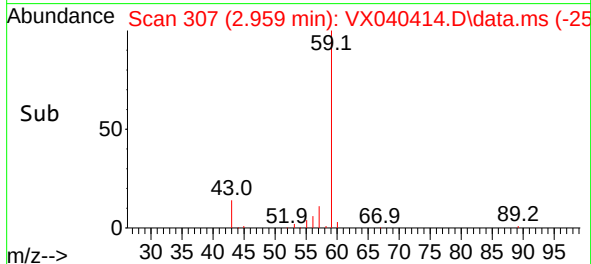
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 62918
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

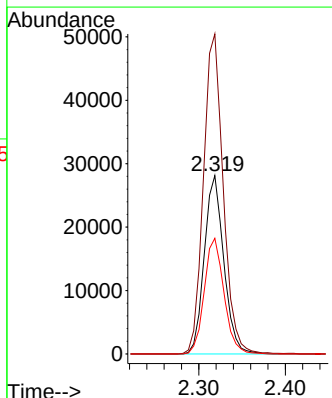
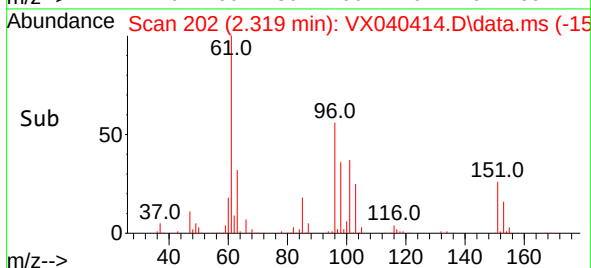
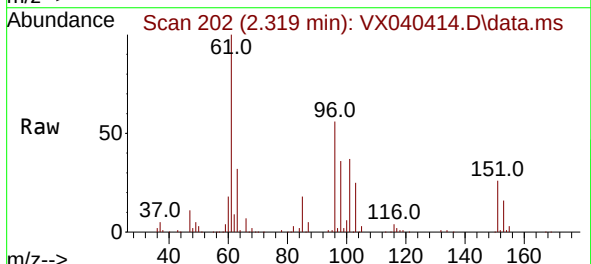
Manual Integrations
APPROVED

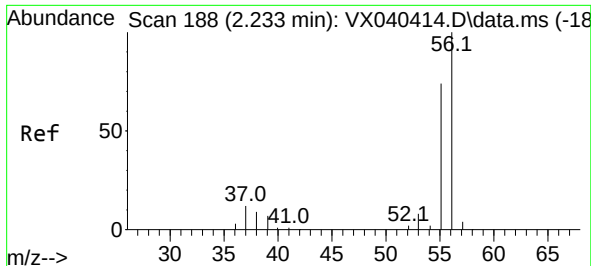
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#12
1,1-Dichloroethene
Concen: 49.177 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

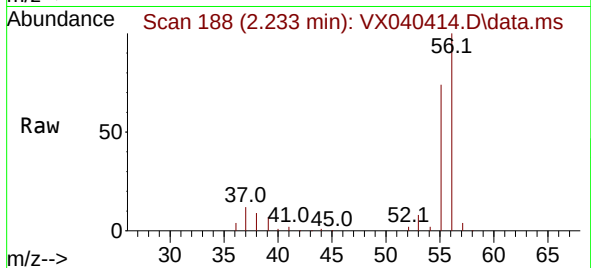
Tgt Ion: 96 Resp: 44051
Ion Ratio Lower Upper
96 100
61 179.3 144.6 216.8
98 64.8 50.4 75.6





#13
Acrolein
Concen: 254.163 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

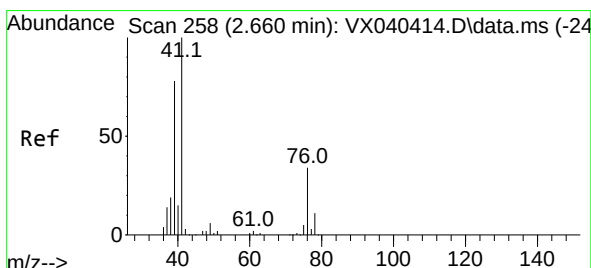
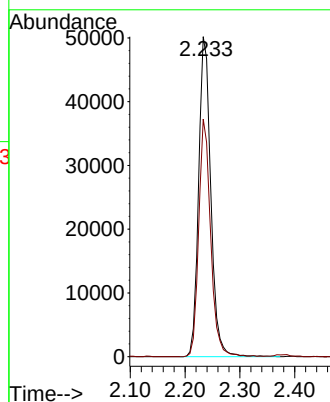
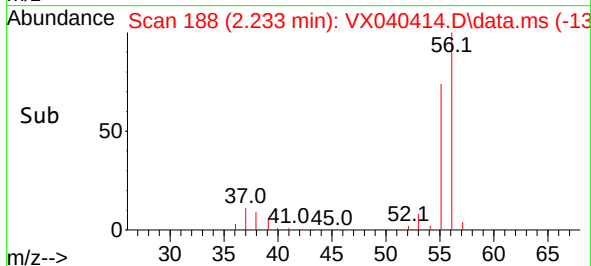
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 7759
Ion Ratio Lower Upper
56 100
55 72.9 57.1 85.7

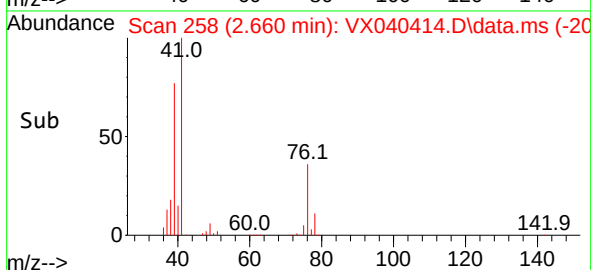
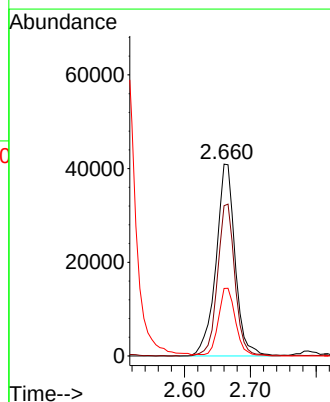
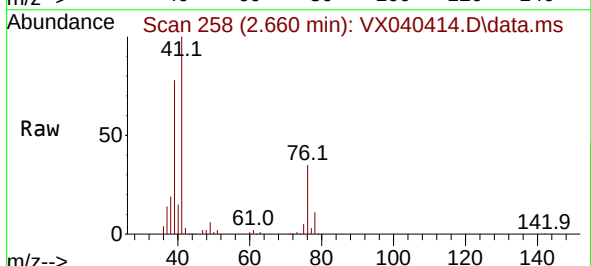
Manual Integrations
APPROVED

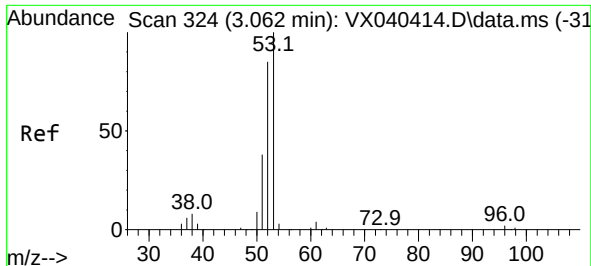
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#14
Allyl chloride
Concen: 50.159 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

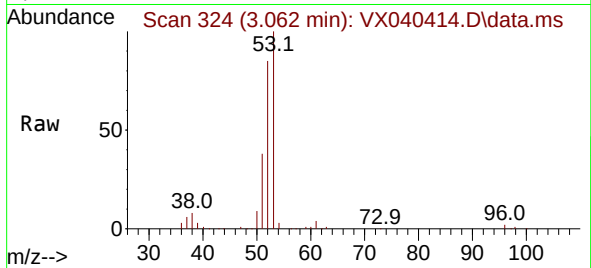
Tgt Ion: 41 Resp: 82979
Ion Ratio Lower Upper
41 100
39 72.0 55.8 83.6
76 31.7 24.3 36.5





#15
Acrylonitrile
Concen: 254.841 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

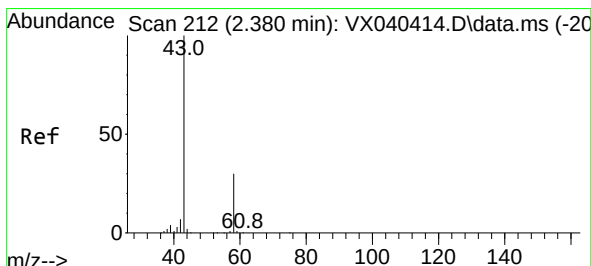
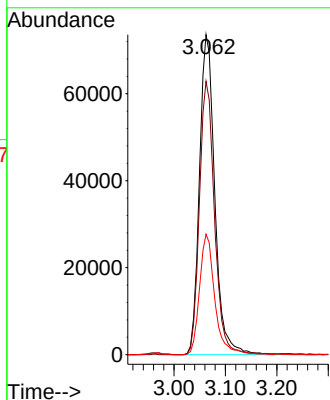
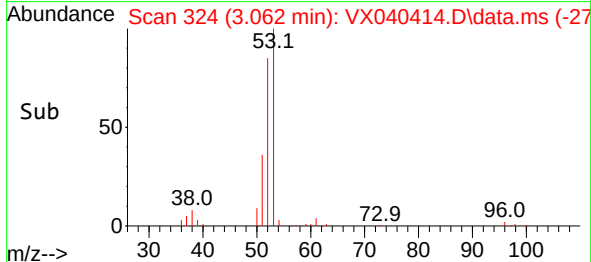
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 152459
Ion Ratio Lower Upper
53 100
52 84.2 66.0 99.0
51 37.5 29.8 44.6

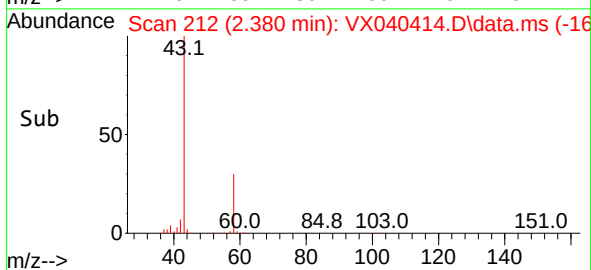
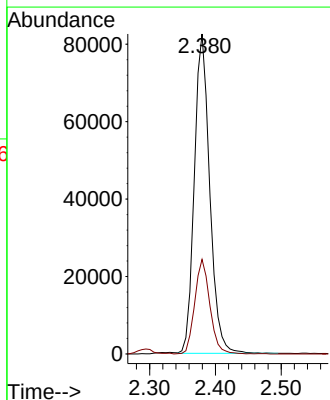
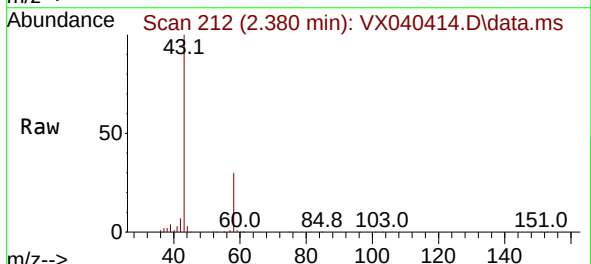
Manual Integrations
APPROVED

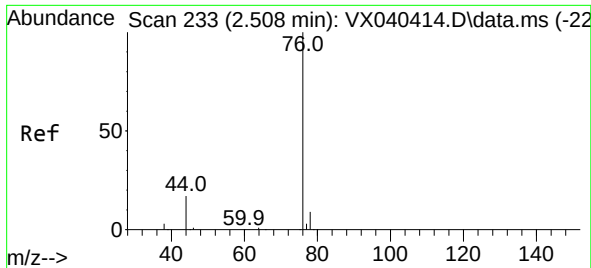
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#16
Acetone
Concen: 242.767 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Tgt Ion: 43 Resp: 133531
Ion Ratio Lower Upper
43 100
58 29.6 21.9 32.9





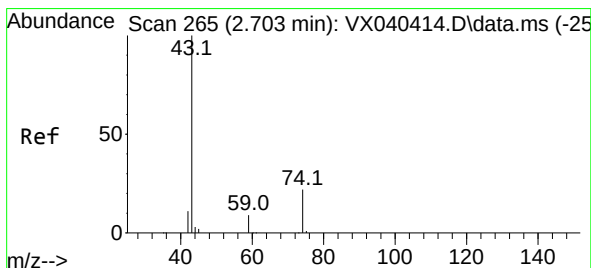
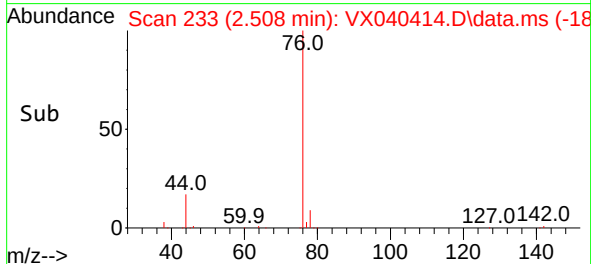
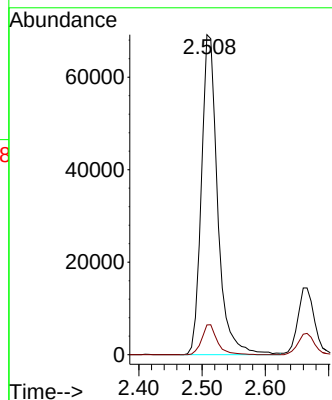
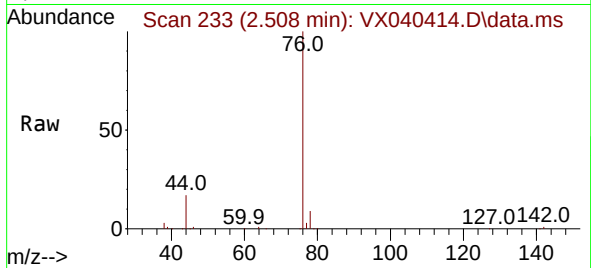
#17
Carbon Disulfide
Concen: 50.277 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 123815
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

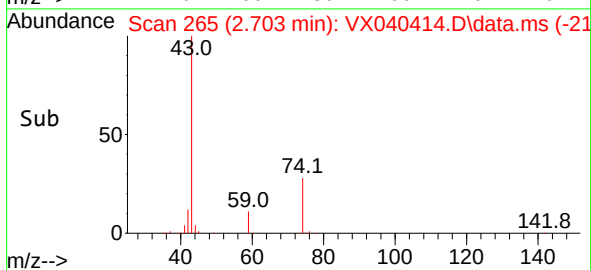
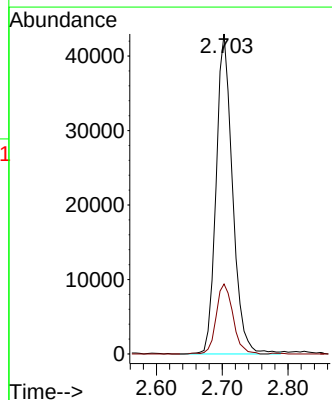
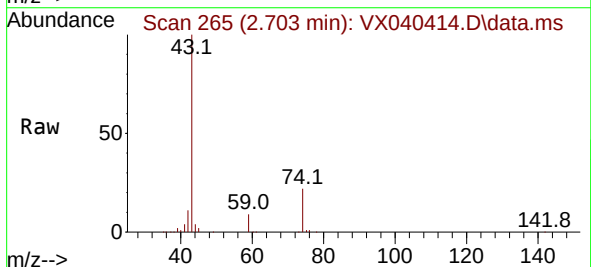
Manual Integrations
APPROVED

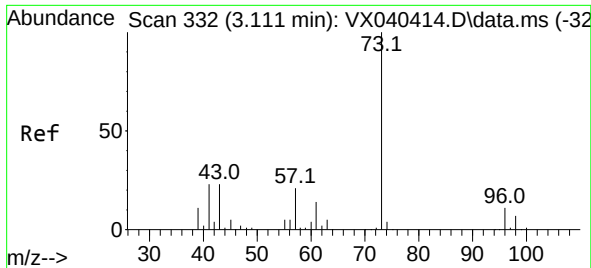
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#18
Methyl Acetate
Concen: 52.377 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Tgt Ion: 43 Resp: 74625
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.8





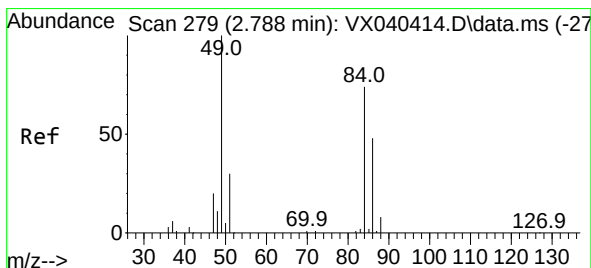
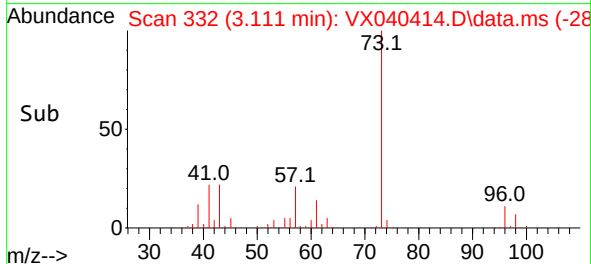
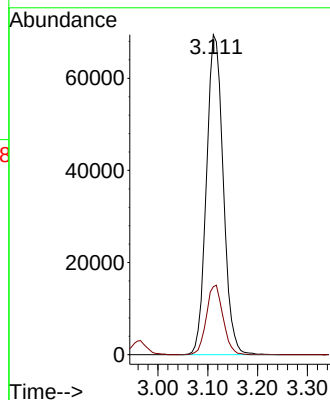
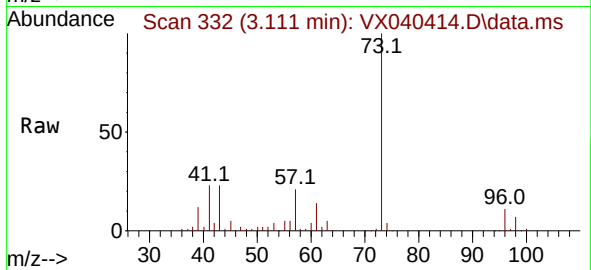
#19
Methyl tert-butyl Ether
Concen: 50.873 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 16248
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

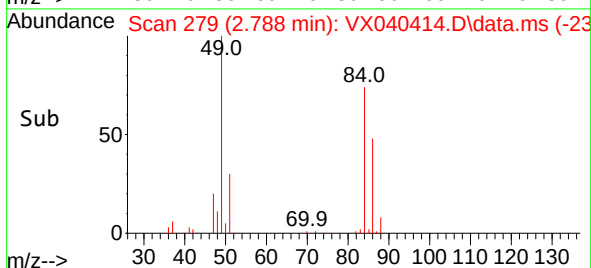
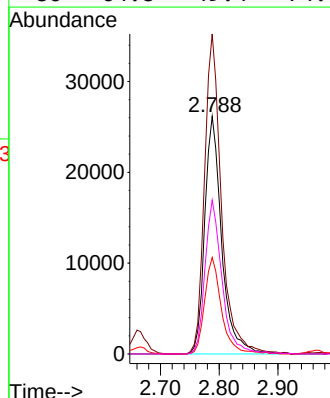
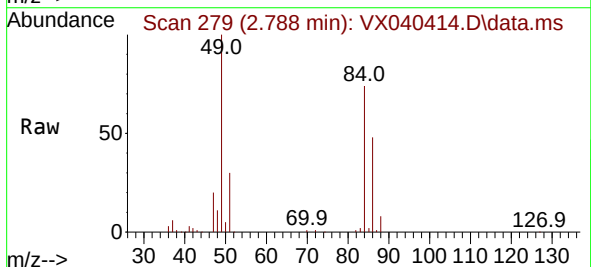
Manual Integrations
APPROVED

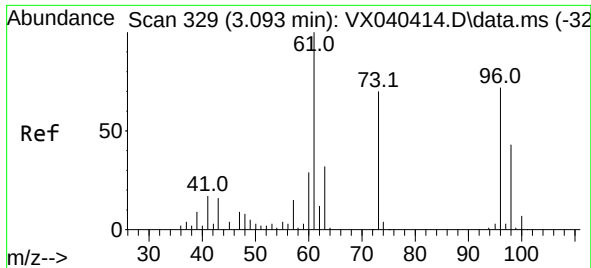
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 45.665 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

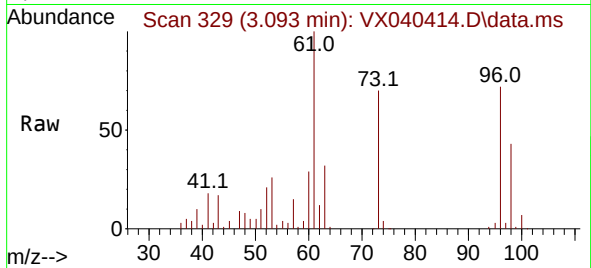
Tgt Ion: 84 Resp: 52592
Ion Ratio Lower Upper
84 100
49 134.7 103.6 155.4
51 40.6 33.8 50.6
86 64.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.271 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

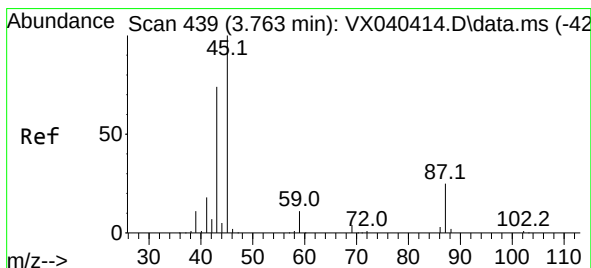
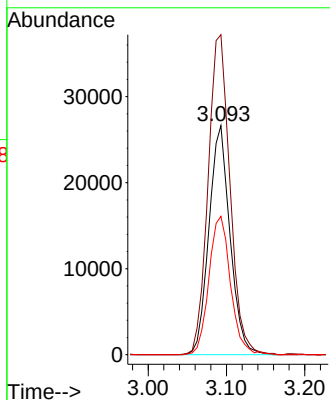
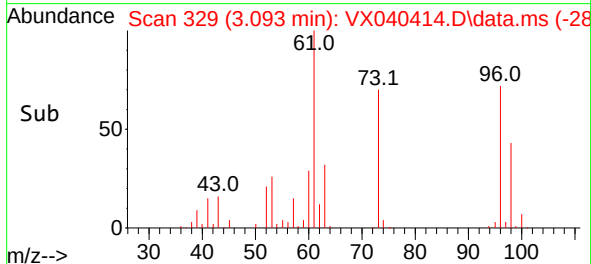
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



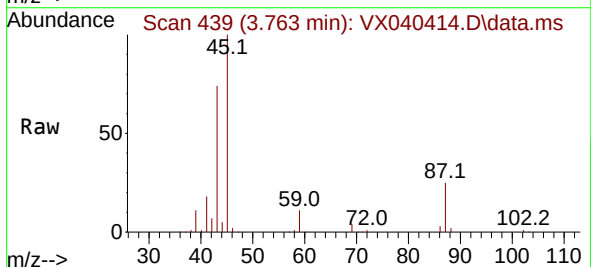
Tgt Ion: 96 Resp: 49800
Ion Ratio Lower Upper
96 100
61 139.6 119.2 178.8
98 60.4 48.7 73.1

Manual Integrations
APPROVED

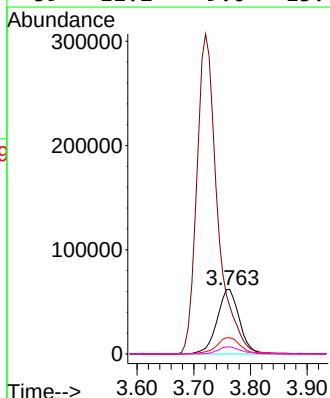
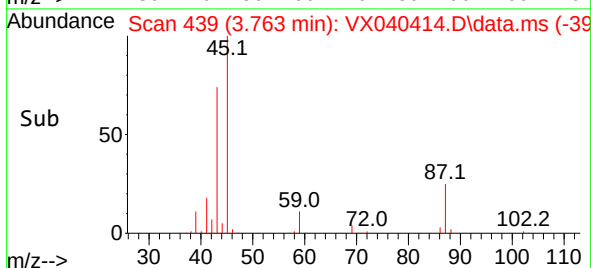
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

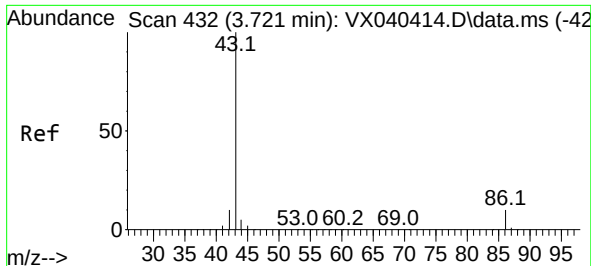


#22
Diisopropyl ether
Concen: 51.706 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42



Tgt Ion: 45 Resp: 169080
Ion Ratio Lower Upper
45 100
43 73.5 69.7 104.5
87 25.1 20.8 31.2
59 11.2 9.0 13.4





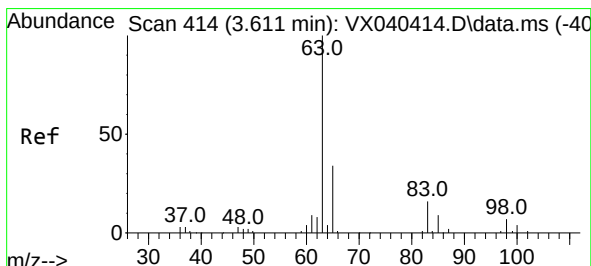
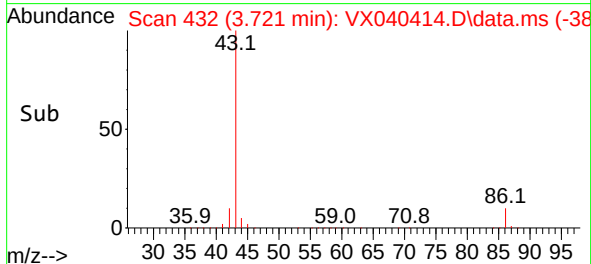
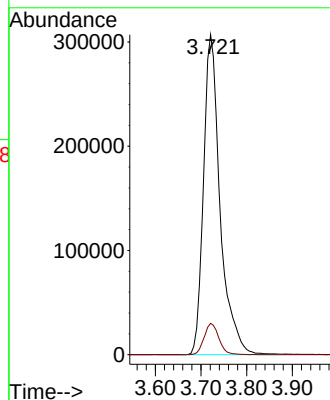
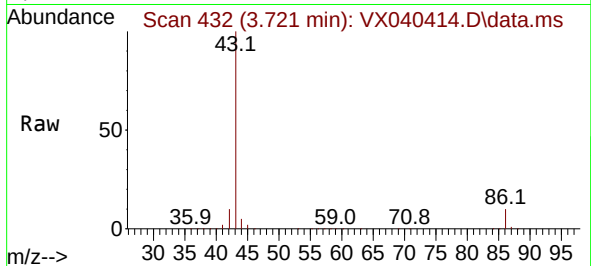
#23
 Vinyl Acetate
 Concen: 259.790 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040414.D
 Acq: 22 Feb 2024 22:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 775304
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

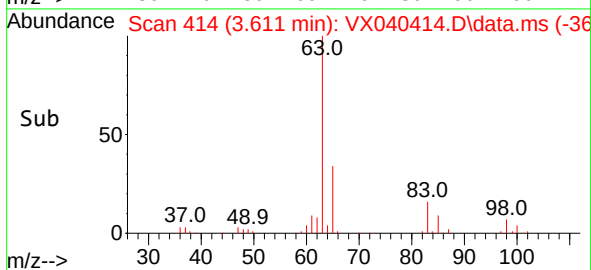
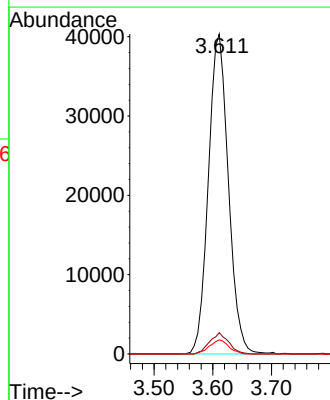
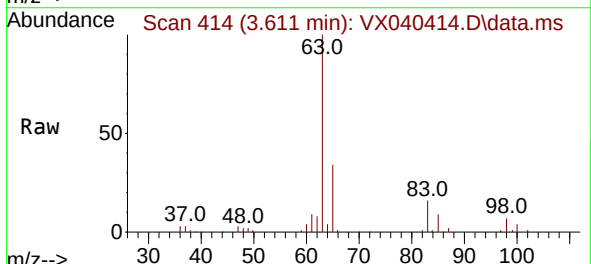
Manual Integrations
 APPROVED

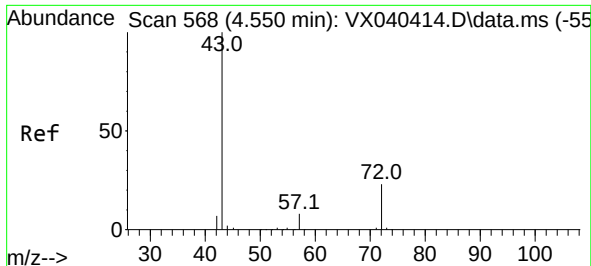
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#24
 1,1-Dichloroethane
 Concen: 50.421 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX040414.D
 Acq: 22 Feb 2024 22:42

Tgt Ion: 63 Resp: 95347
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.4 2.1 6.5





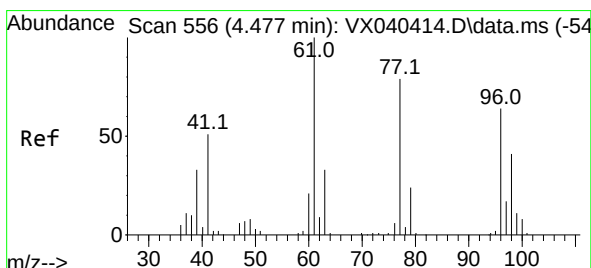
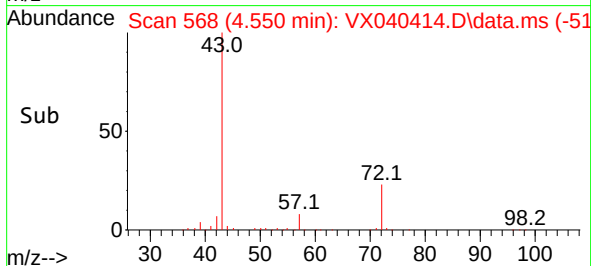
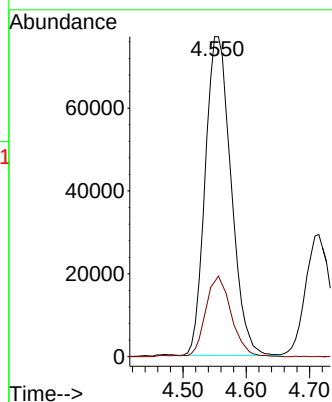
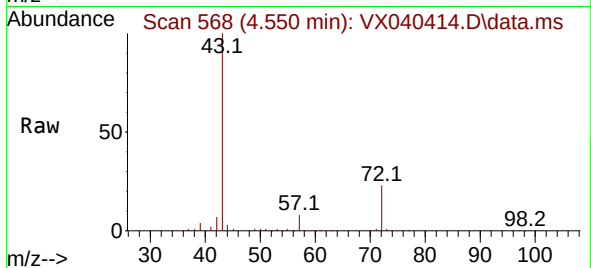
#25
2-Butanone
Concen: 255.118 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 21877
Ion Ratio Lower Upper
43 100
72 23.4 19.4 29.2

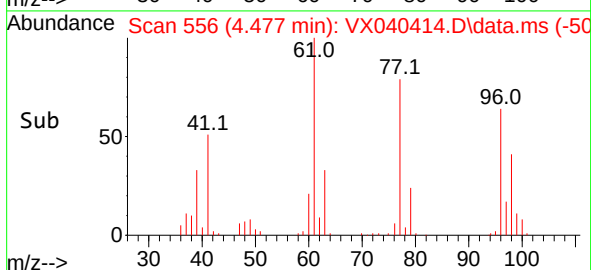
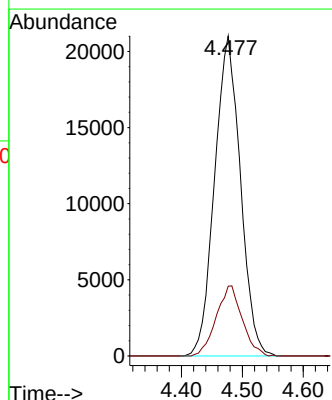
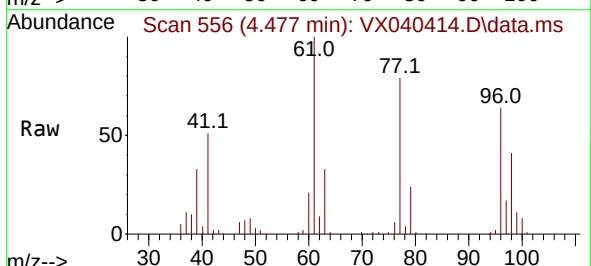
Manual Integrations
APPROVED

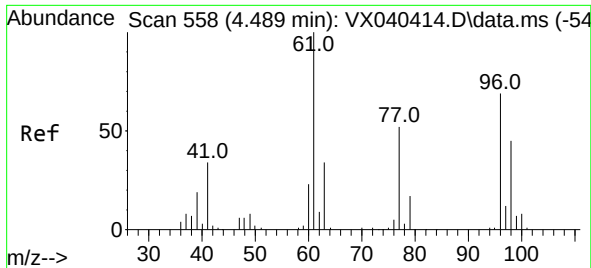
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#26
2,2-Dichloropropane
Concen: 50.040 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

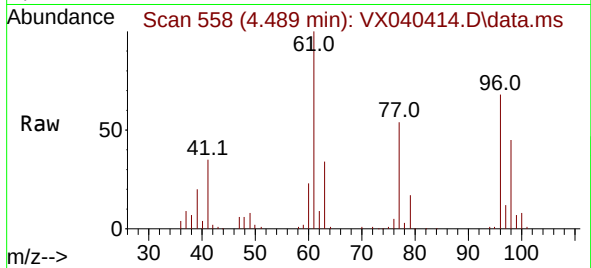
Tgt Ion: 77 Resp: 61763
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 50.370 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX040414.D
 Acq: 22 Feb 2024 22:42

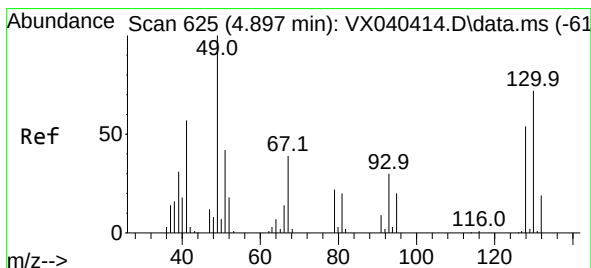
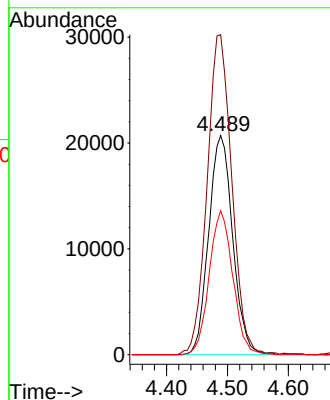
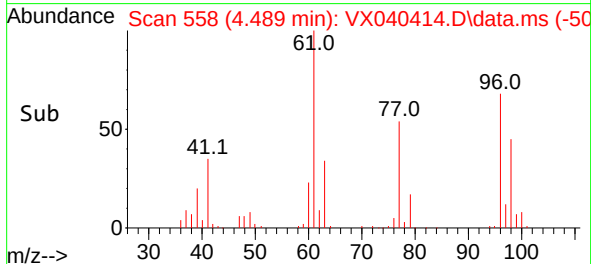
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 56734
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 312.2
 98 64.5 0.0 129.0

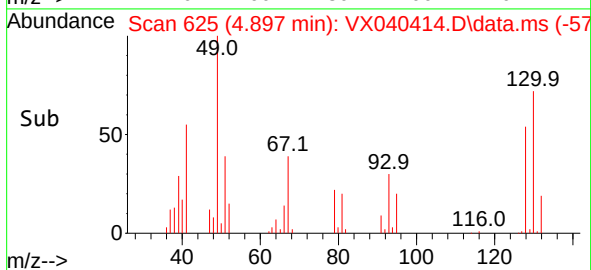
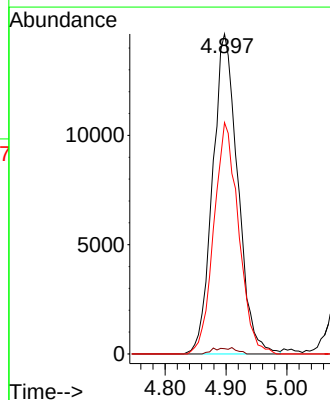
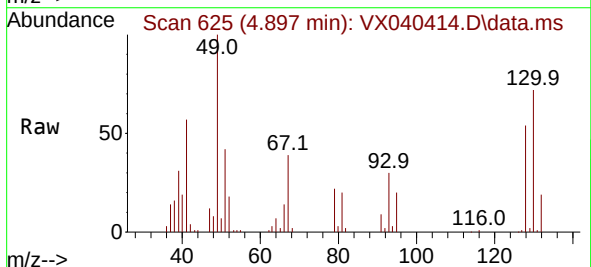
Manual Integrations
 APPROVED

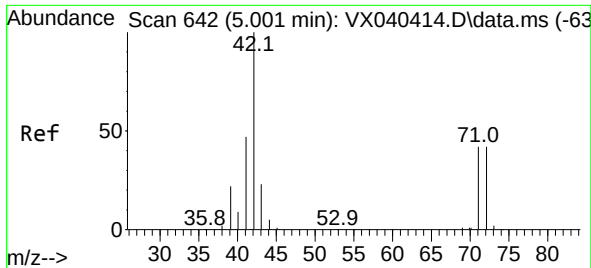
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#28
 Bromochloromethane
 Concen: 47.646 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX040414.D
 Acq: 22 Feb 2024 22:42

Tgt Ion: 49 Resp: 42024
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 71.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 257.045 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 146732

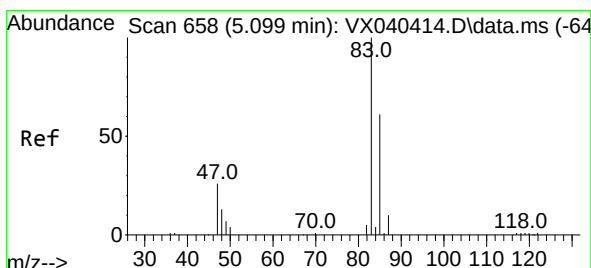
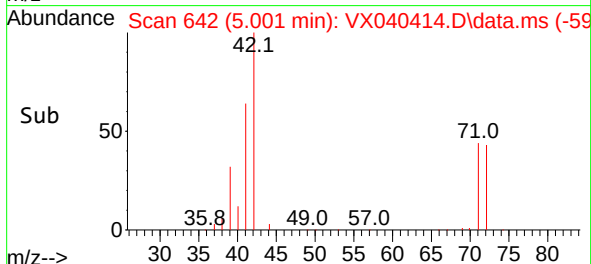
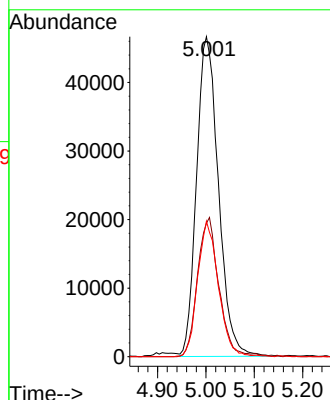
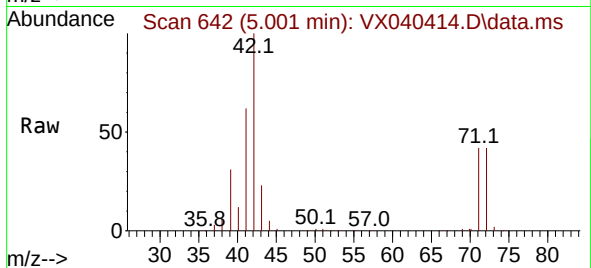
Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.2	51.4
71	40.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#30

Chloroform

Concen: 49.157 ug/l

RT: 5.099 min Scan# 658

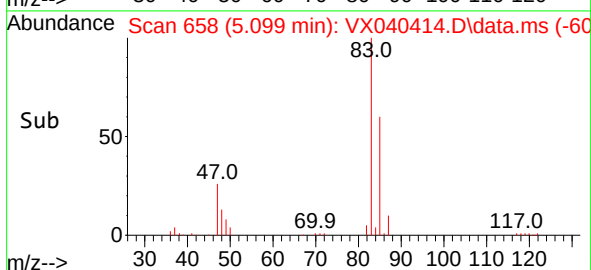
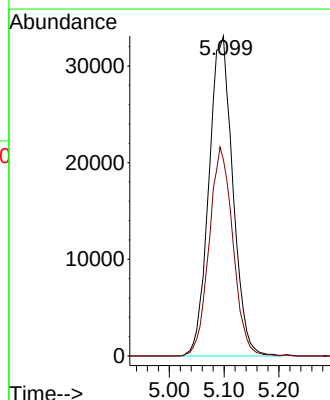
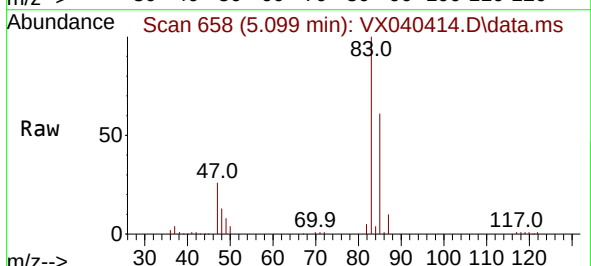
Delta R.T. 0.000 min

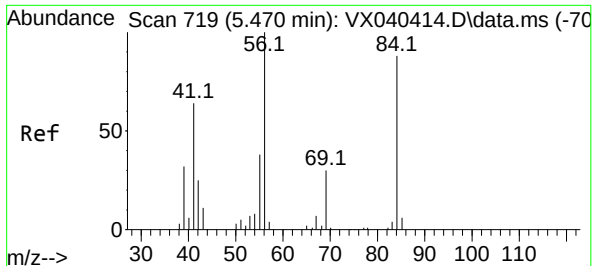
Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Tgt Ion: 83 Resp: 100187

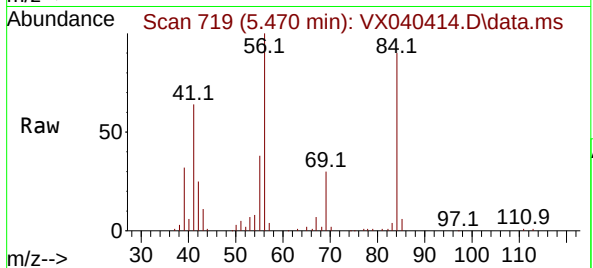
Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.3	75.5





#31
Cyclohexane
Concen: 49.999 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

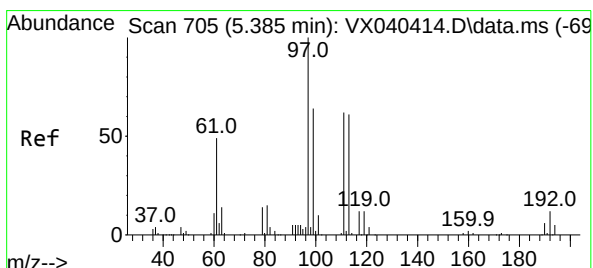
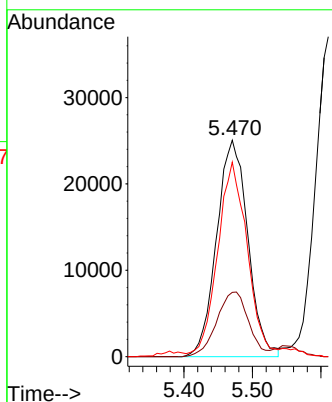
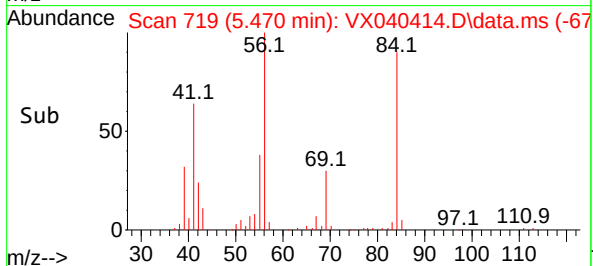
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



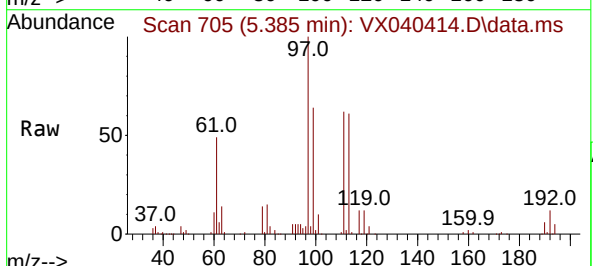
Tgt Ion: 56 Resp: 7913
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 87.8 65.9 98.9

Manual Integrations
APPROVED

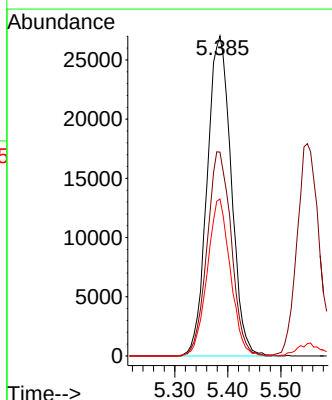
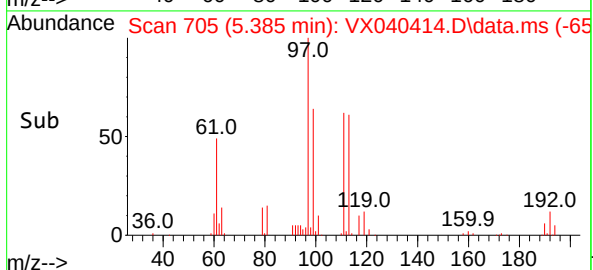
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

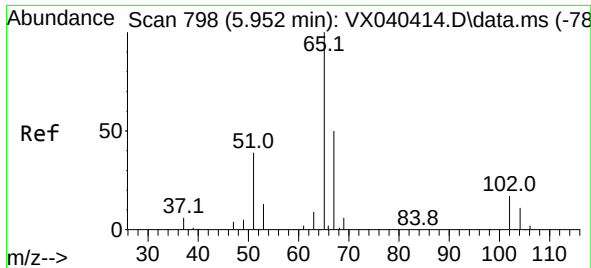


#32
1,1,1-Trichloroethane
Concen: 50.441 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42



Tgt Ion: 97 Resp: 85107
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 47.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.871 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 64514

Ion Ratio Lower Upper

65 100

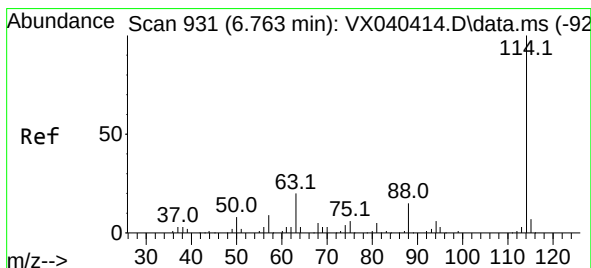
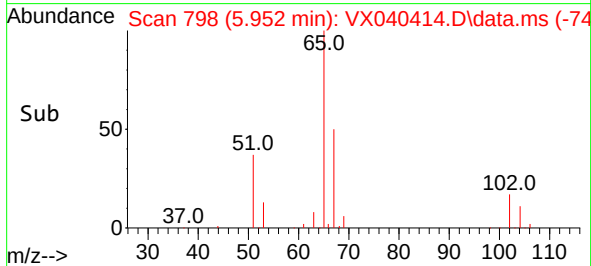
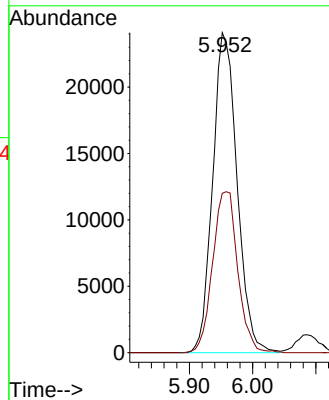
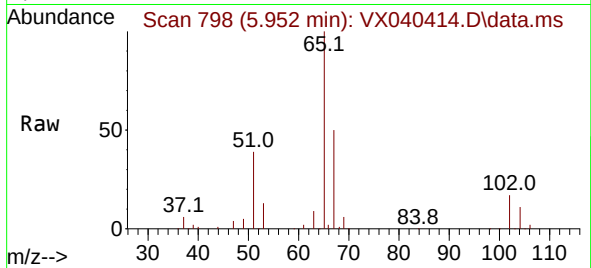
67 51.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

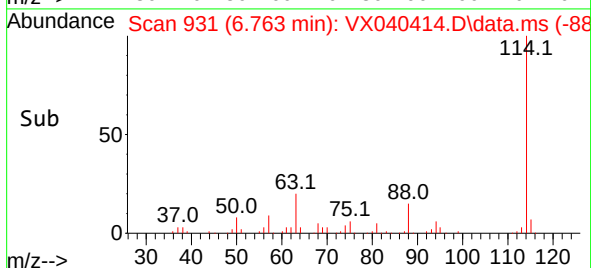
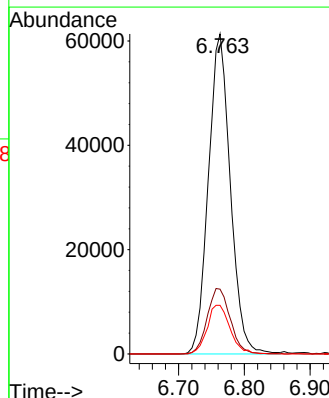
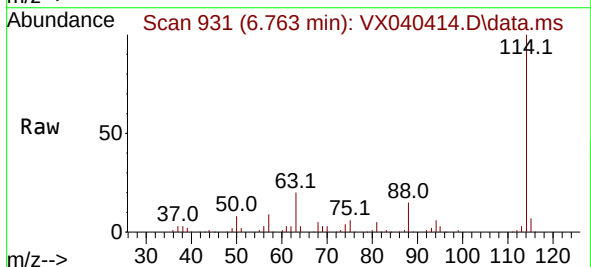
Tgt Ion:114 Resp: 142319

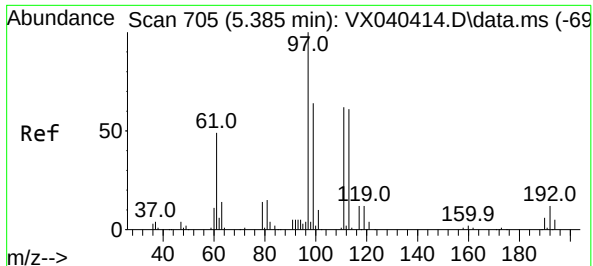
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.293 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 48234

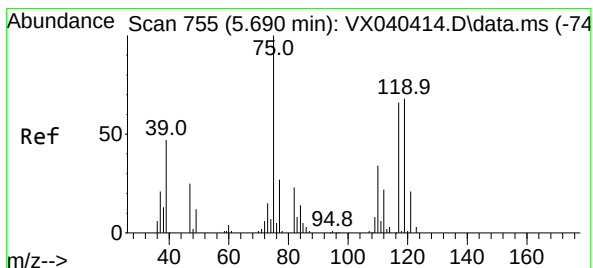
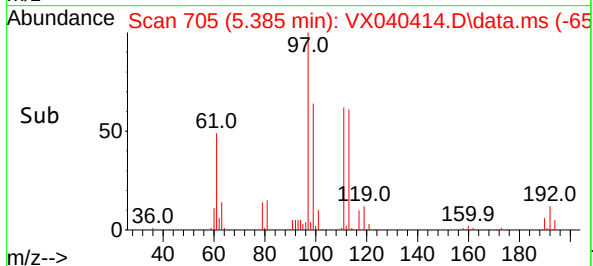
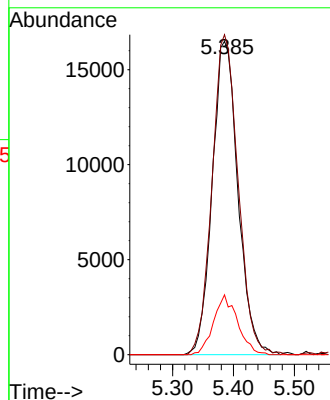
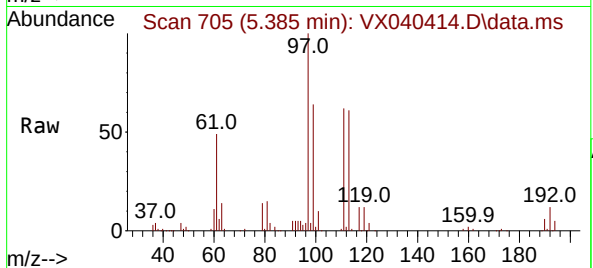
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	17.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#36

1,1-Dichloropropene

Concen: 48.344 ug/l

RT: 5.690 min Scan# 755

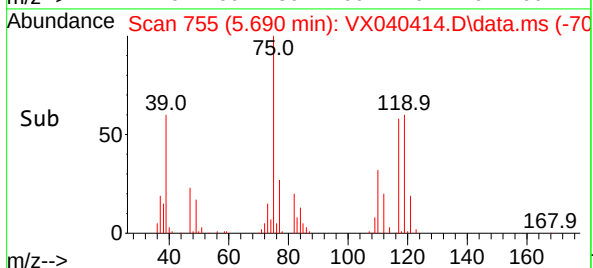
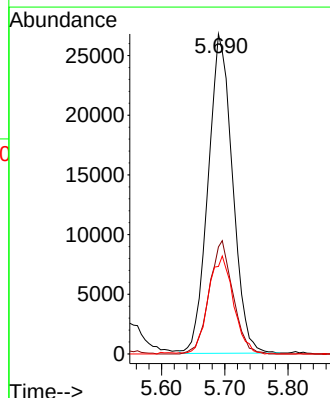
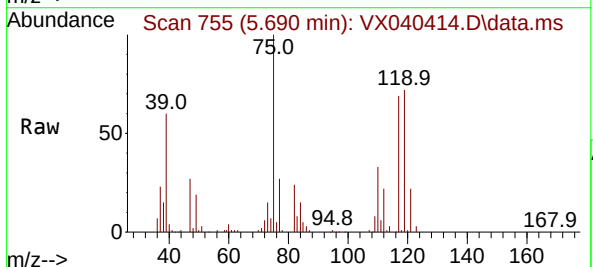
Delta R.T. 0.000 min

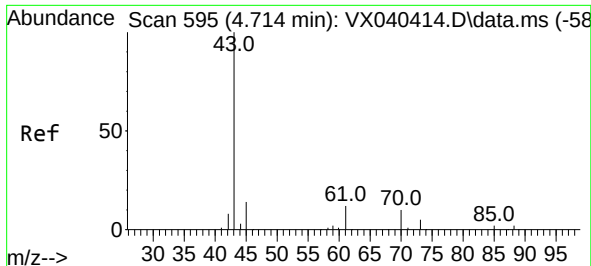
Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Tgt Ion: 75 Resp: 71753

Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.0	50.9
77	31.7	24.7	37.1





#37

Ethyl Acetate

Concen: 49.657 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 84200

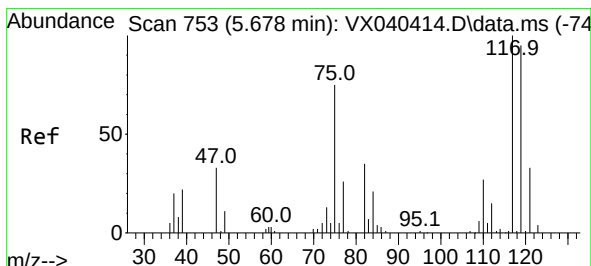
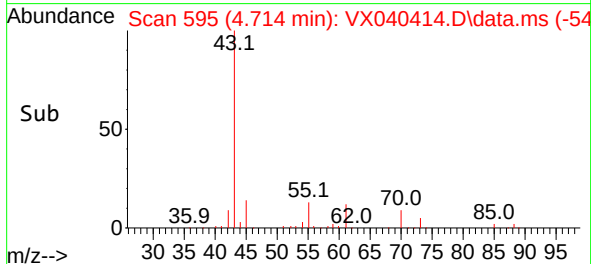
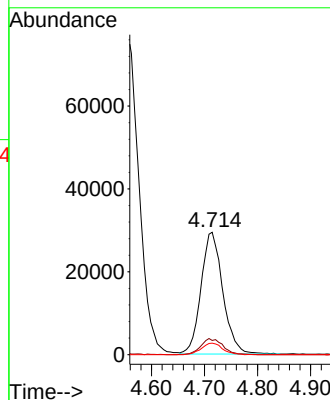
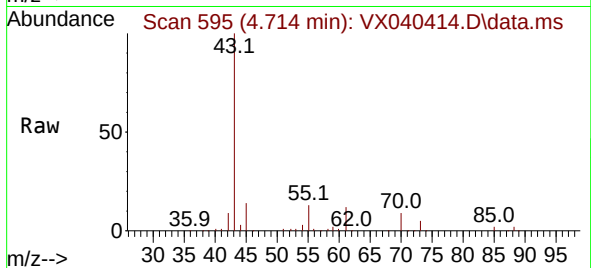
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	16.0
70	9.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#38

Carbon Tetrachloride

Concen: 50.767 ug/l

RT: 5.678 min Scan# 753

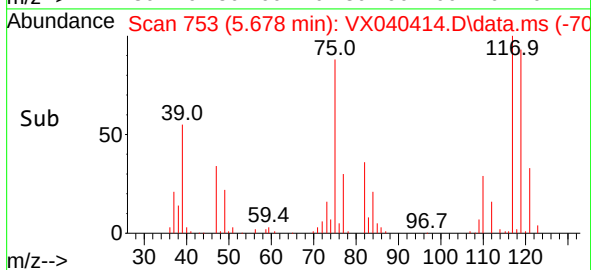
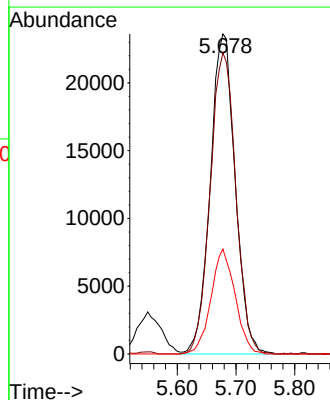
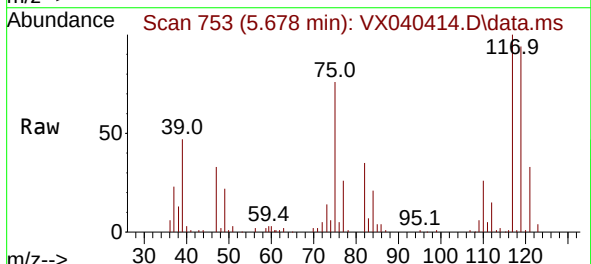
Delta R.T. 0.000 min

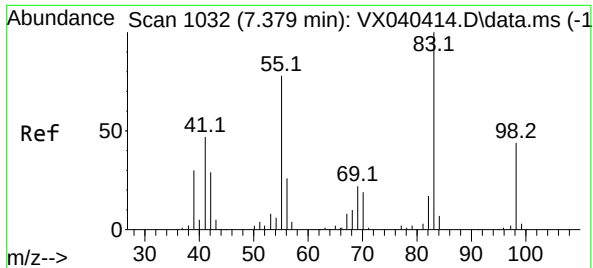
Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Tgt Ion:117 Resp: 69715

Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.2	117.2
121	32.8	24.4	36.6





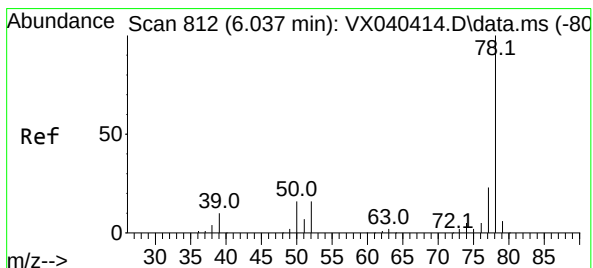
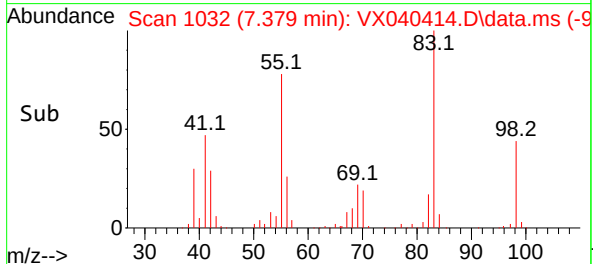
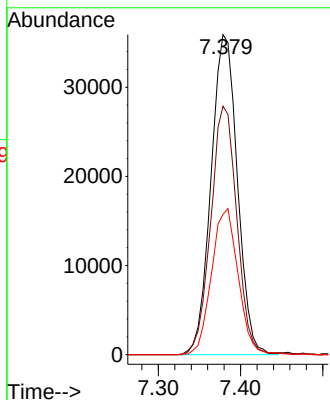
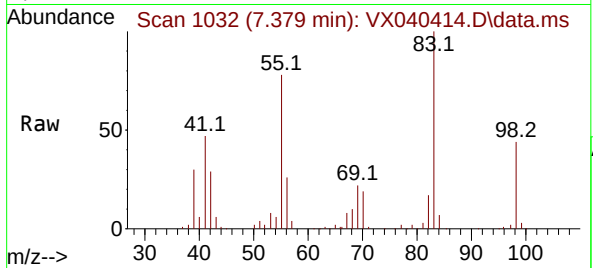
#39
Methylcyclohexane
Concen: 50.873 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 80024
Ion Ratio Lower Upper
83 100
55 77.7 64.6 97.0
98 43.9 36.7 55.1

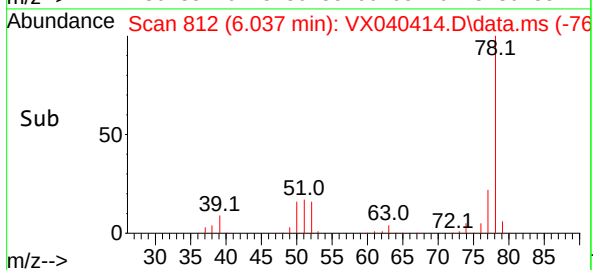
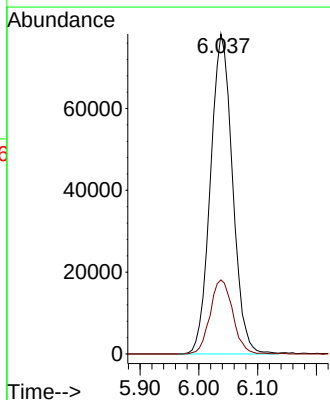
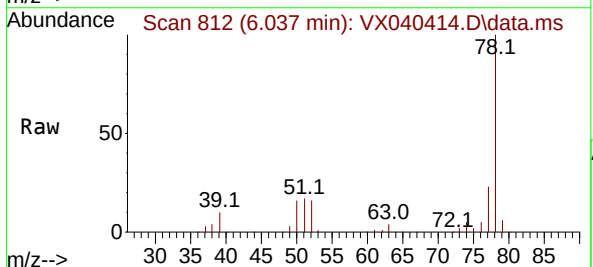
Manual Integrations
APPROVED

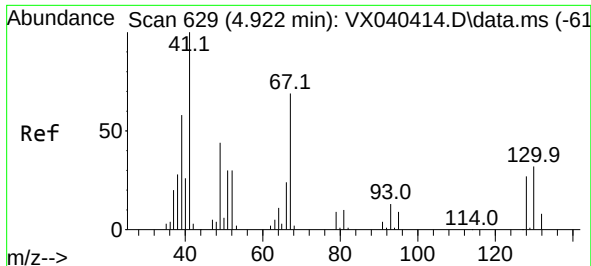
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#40
Benzene
Concen: 50.542 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Tgt Ion: 78 Resp: 204078
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





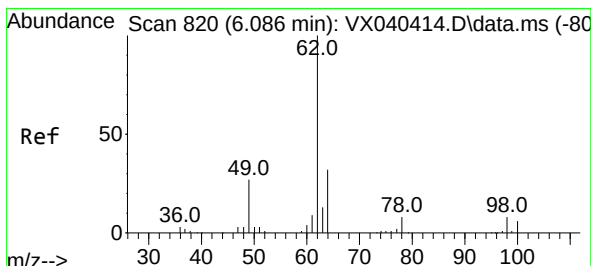
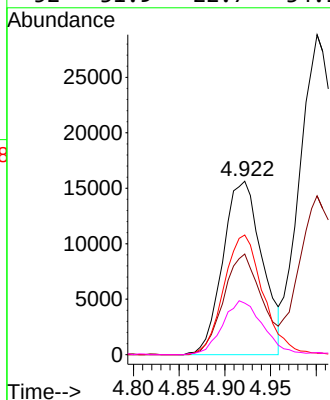
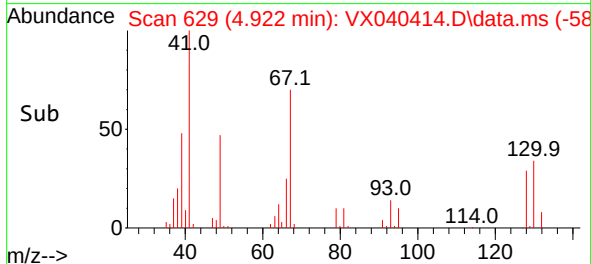
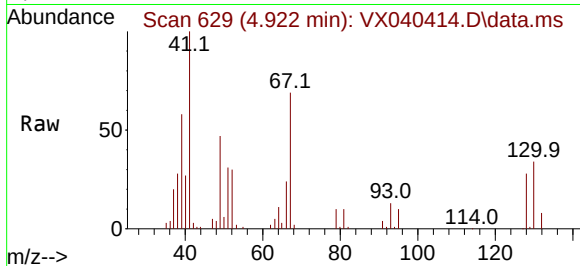
#41
Methacrylonitrile
Concen: 51.933 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41	Resp: 4676
Ion Ratio	Lower Upper
41	100
39	56.8 45.2 67.8
67	69.0 52.6 78.8
52	31.9 22.7 34.1

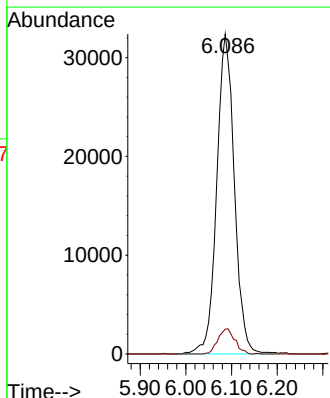
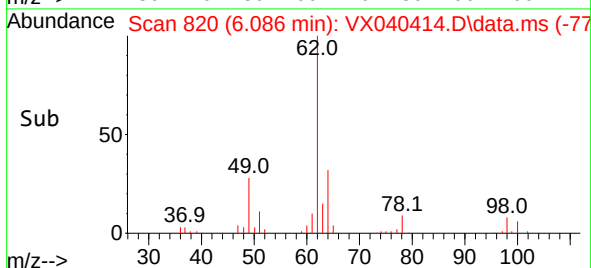
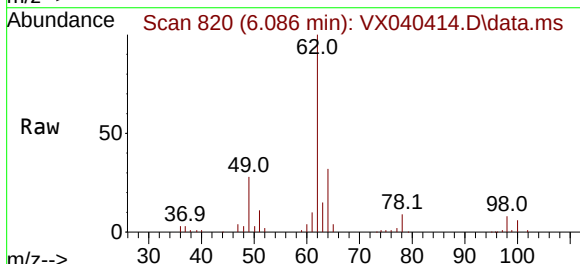
Manual Integrations
APPROVED

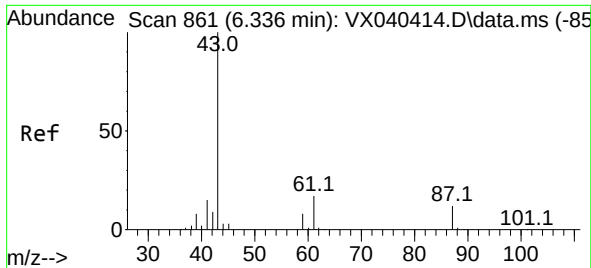
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#42
1,2-Dichloroethane
Concen: 51.706 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

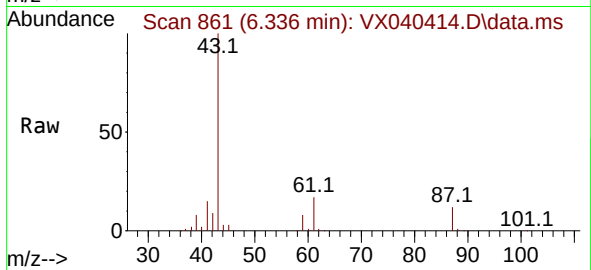
Tgt Ion: 62	Resp: 86767
Ion Ratio	Lower Upper
62	100
98	7.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.104 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

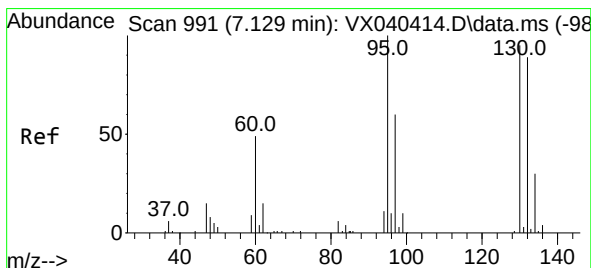
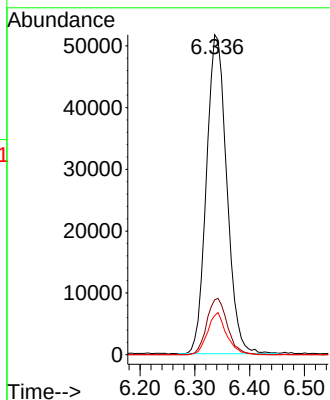
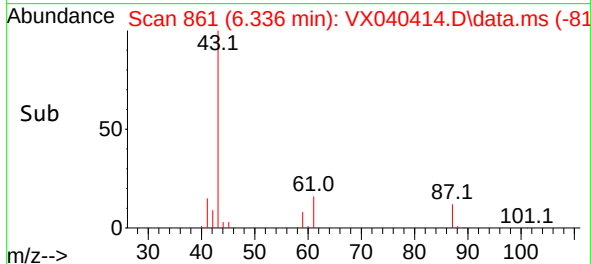
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 132973
Ion Ratio Lower Upper
43 100
61 17.9 15.2 22.8
87 12.2 9.8 14.6

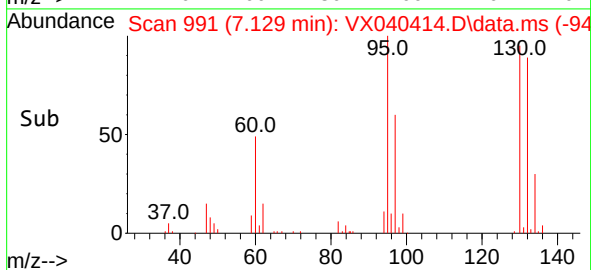
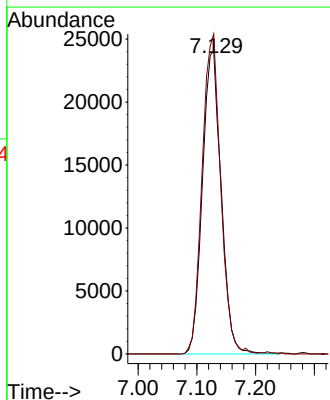
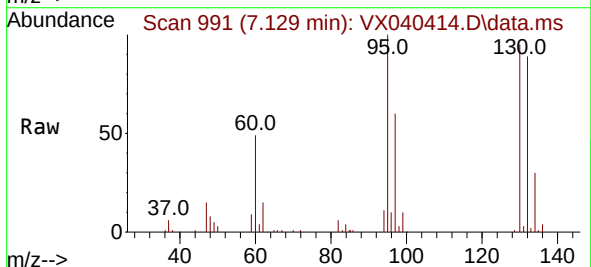
Manual Integrations
APPROVED

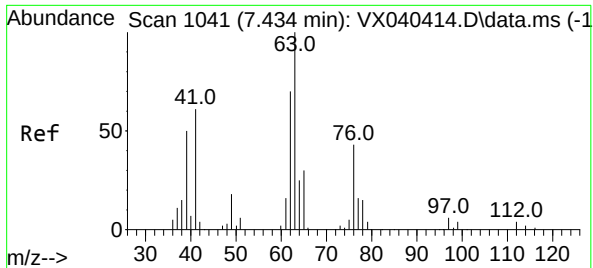
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#44
Trichloroethene
Concen: 50.623 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Tgt Ion:130 Resp: 53460
Ion Ratio Lower Upper
130 100
95 105.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.539 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 54460

Ion Ratio Lower Upper

63 100

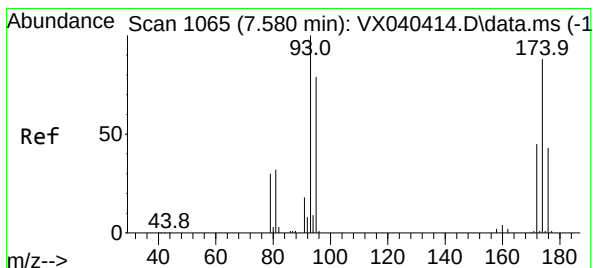
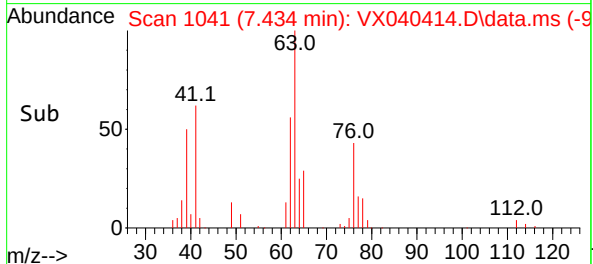
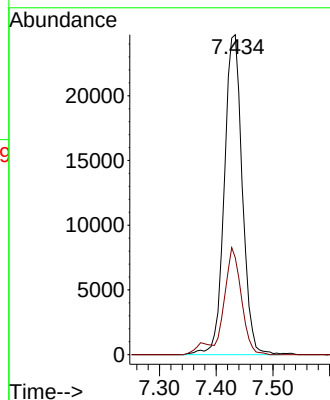
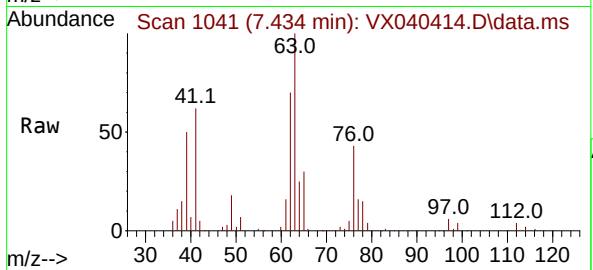
65 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#46

Dibromomethane

Concen: 49.722 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

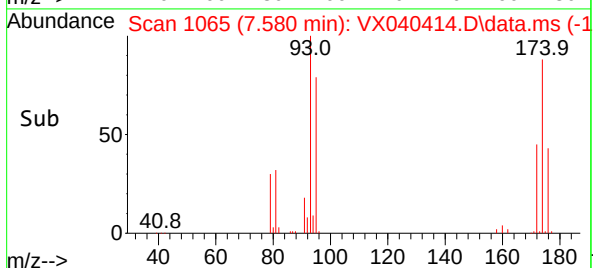
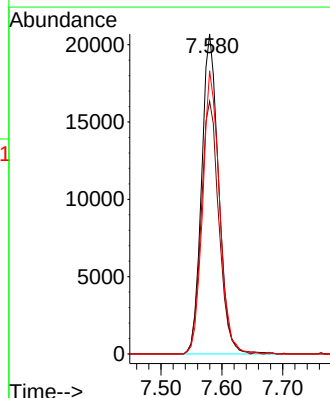
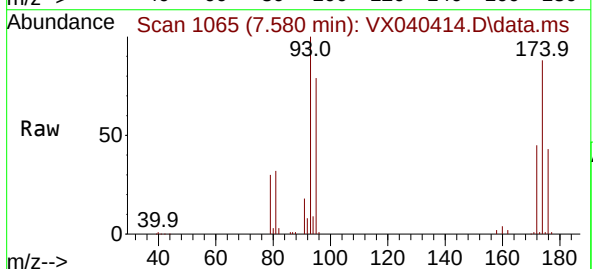
Tgt Ion: 93 Resp: 40198

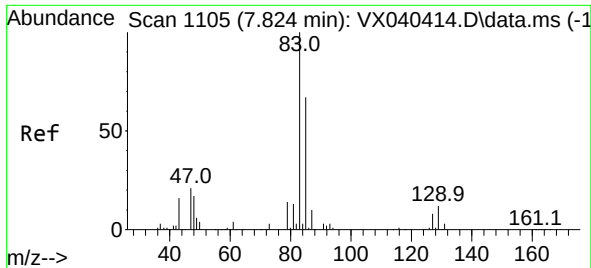
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 87.6 69.4 104.0





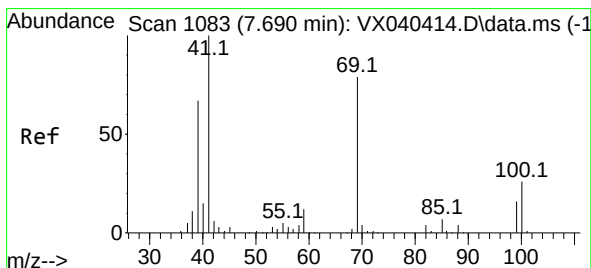
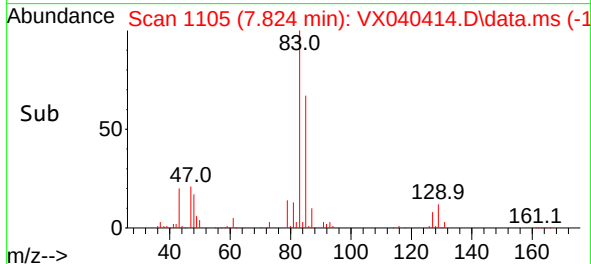
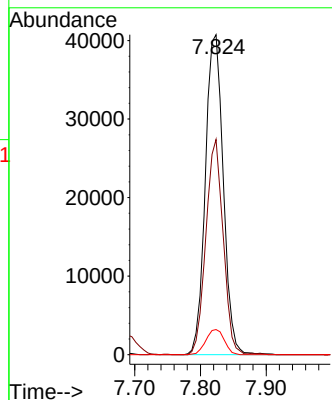
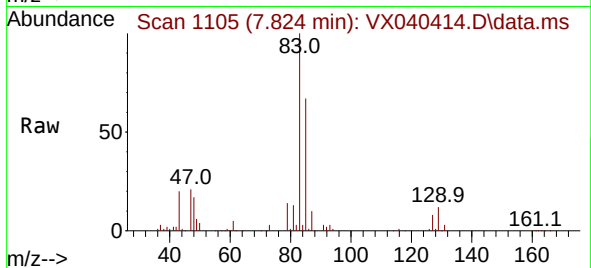
#47
Bromodichloromethane
Concen: 51.330 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 7723
Ion Ratio Lower Upper
83 100
85 67.2 49.8 74.6
127 7.9 7.1 10.7

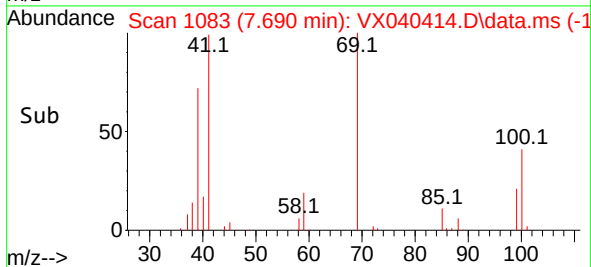
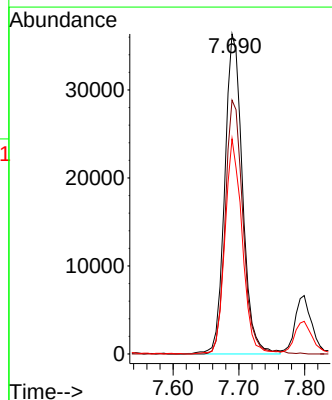
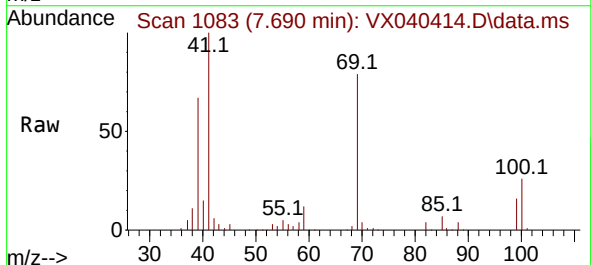
Manual Integrations
APPROVED

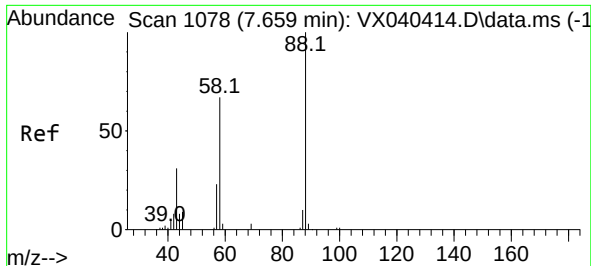
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#48
Methyl methacrylate
Concen: 53.085 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Tgt Ion: 41 Resp: 68405
Ion Ratio Lower Upper
41 100
69 79.5 59.2 88.8
39 65.3 47.7 71.5





#49

1,4-Dioxane

Concen: 1095.395 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 2845

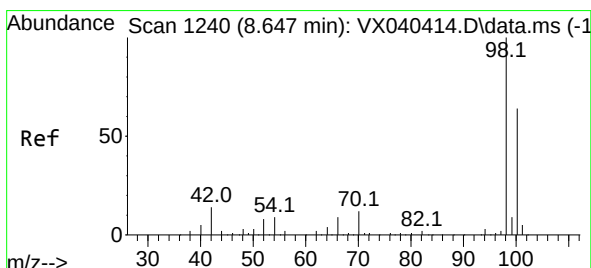
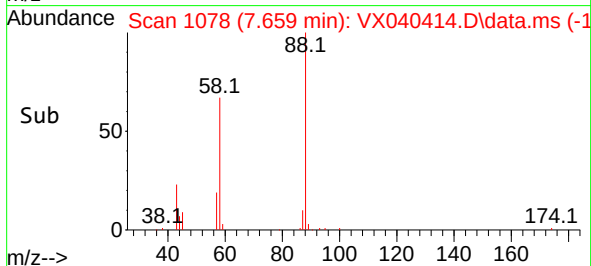
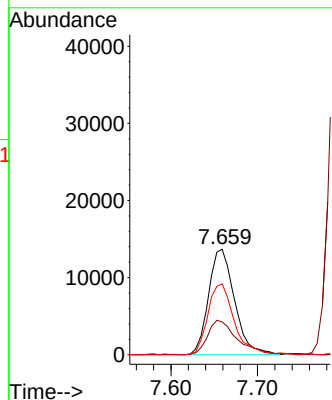
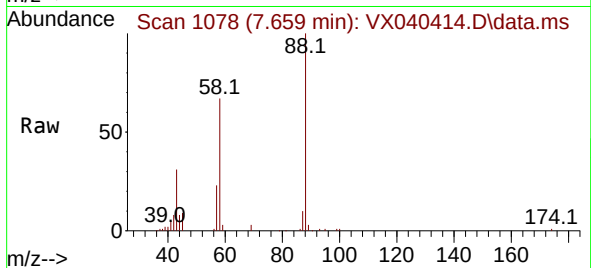
Ion	Ratio	Lower	Upper
88	100		
43	37.5	0.0	0.0
58	68.2	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#50

Toluene-d8

Concen: 50.213 ug/l

RT: 8.647 min Scan# 1240

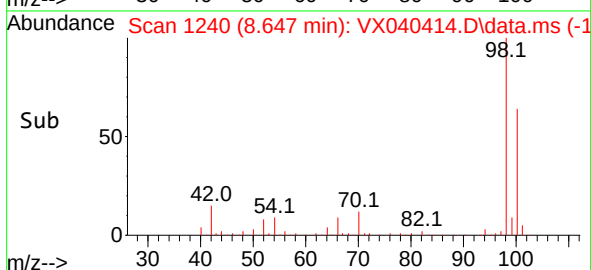
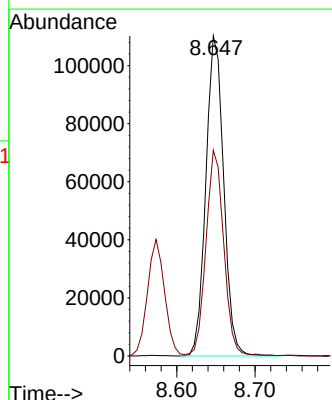
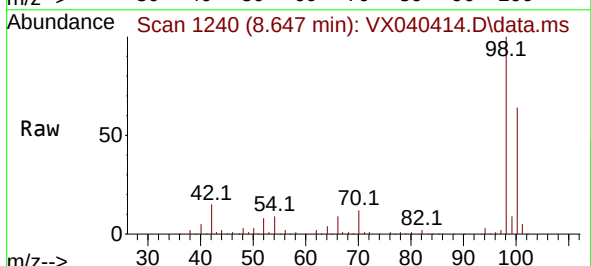
Delta R.T. 0.000 min

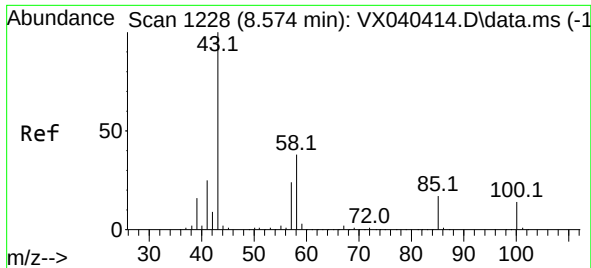
Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Tgt Ion: 98 Resp: 173948

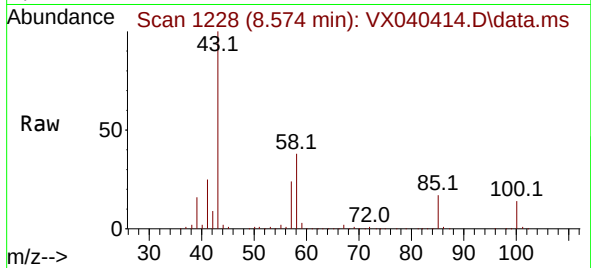
Ion	Ratio	Lower	Upper
98	100		
100	63.7	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 258.925 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

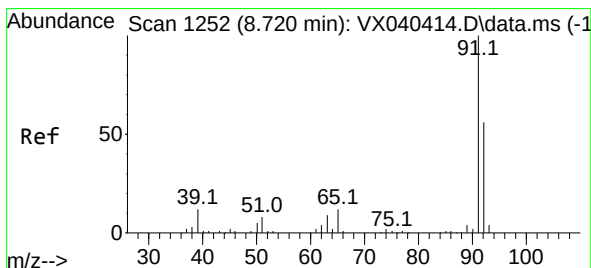
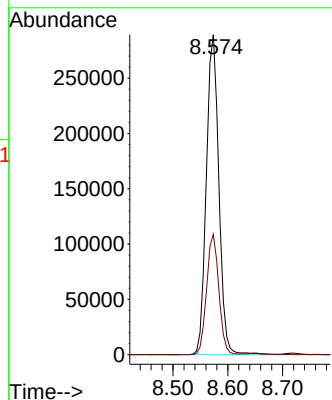
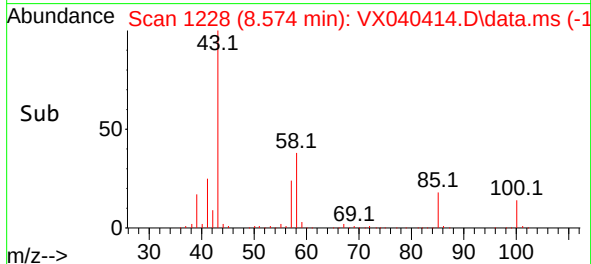
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



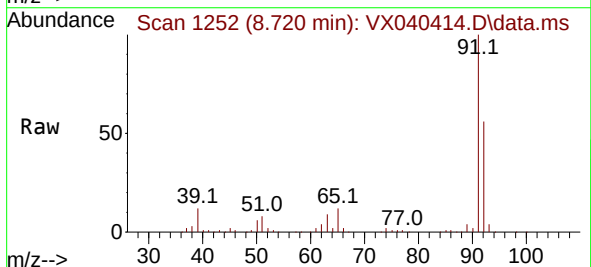
Tgt Ion: 43 Resp: 45757
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

Manual Integrations
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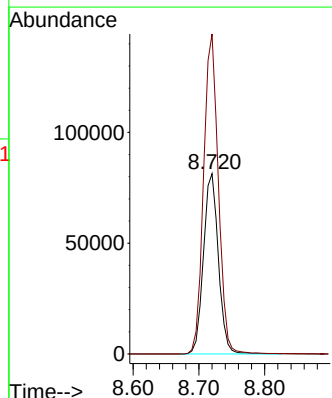
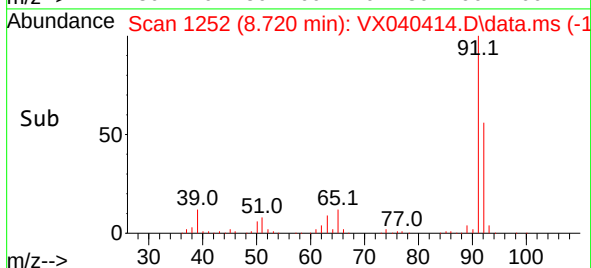
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

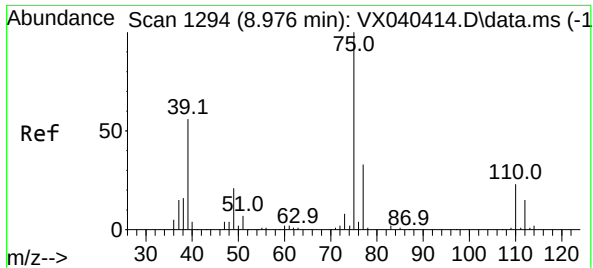


#52
Toluene
Concen: 51.918 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42



Tgt Ion: 92 Resp: 128469
Ion Ratio Lower Upper
92 100
91 175.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.586 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 7825

Ion Ratio Lower Upper

75 100

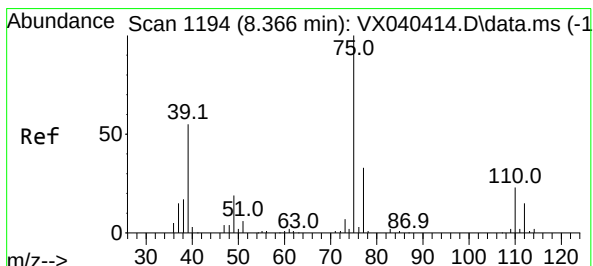
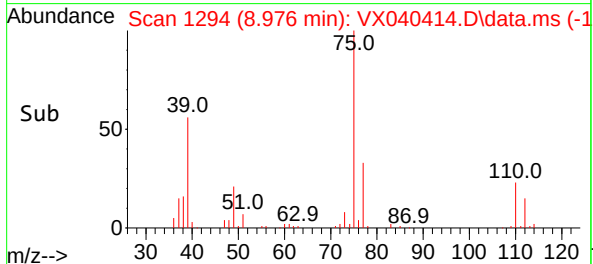
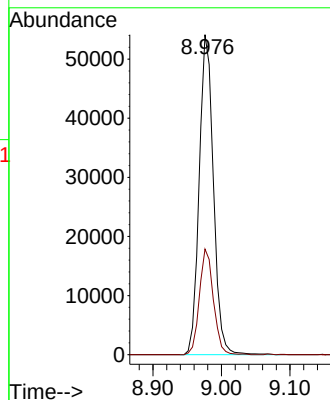
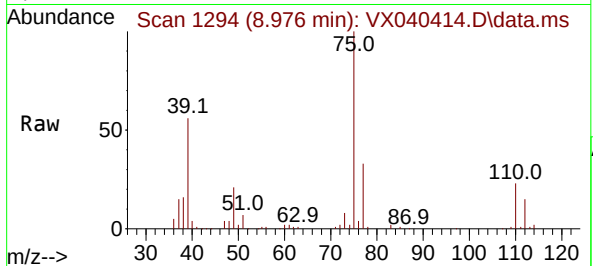
77 33.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#54

cis-1,3-Dichloropropene

Concen: 52.634 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

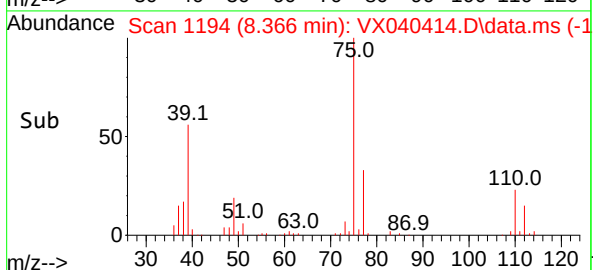
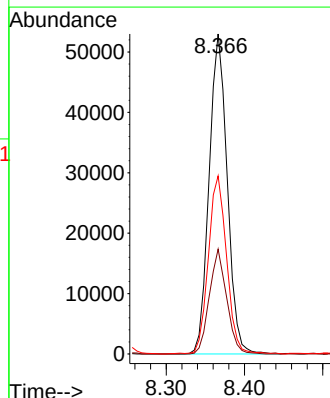
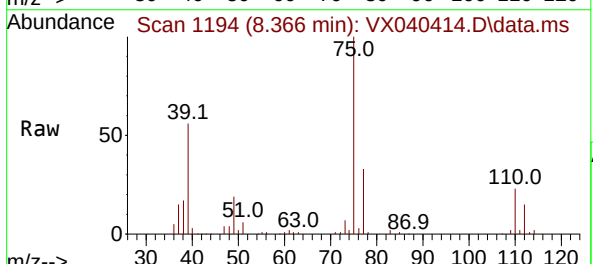
Tgt Ion: 75 Resp: 85053

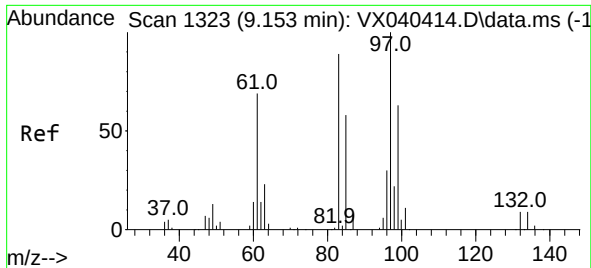
Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9

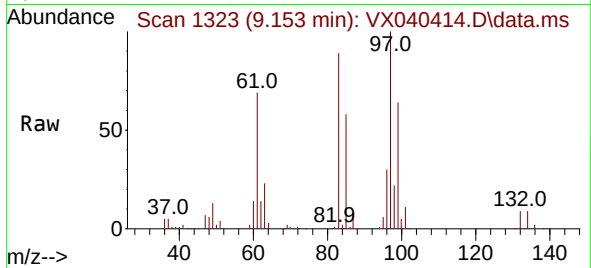
39 55.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.511 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

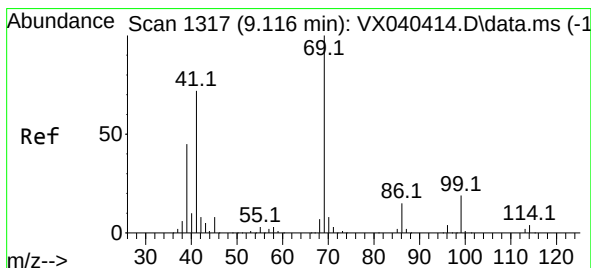
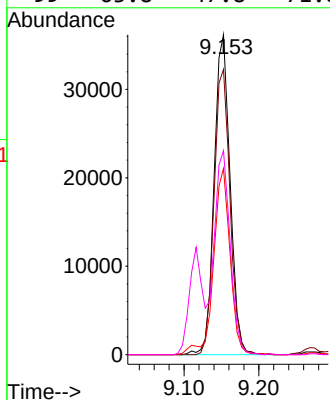
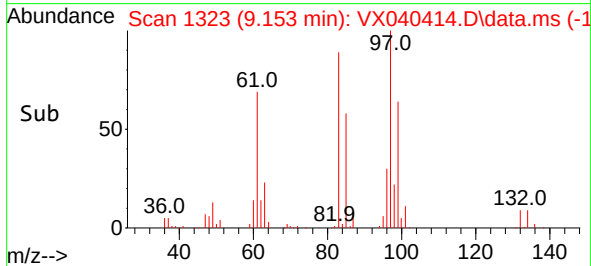


Tgt Ion: 97 Resp: 5351

Ion	Ratio	Lower	Upper
97	100		
83	89.1	65.8	98.8
85	58.1	41.6	62.4
99	63.8	47.8	71.8

Manual Integrations
APPROVED

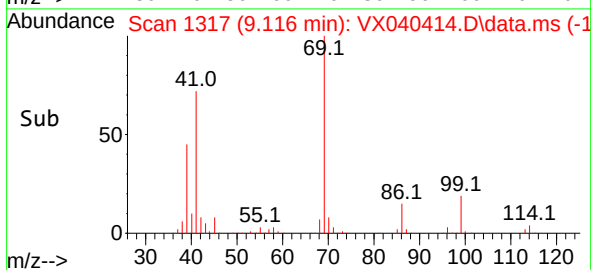
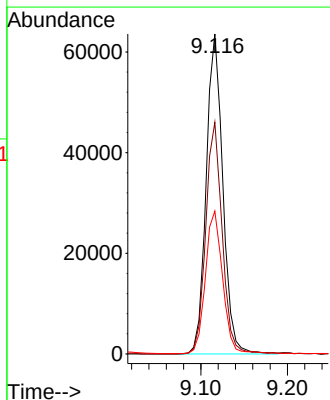
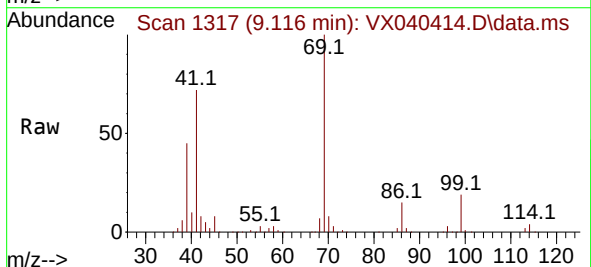
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

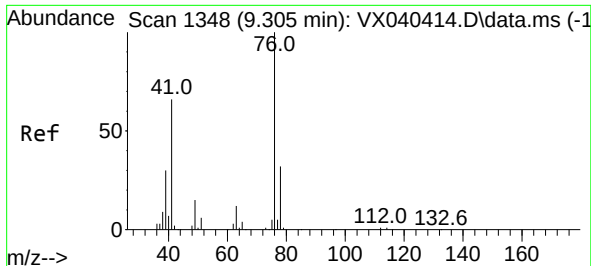


#56
Ethyl methacrylate
Concen: 52.436 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Tgt Ion: 69 Resp: 84888

Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.8	85.2
39	46.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 49.482 ug/l

RT: 9.305 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 9133

Ion Ratio Lower Upper

76 100

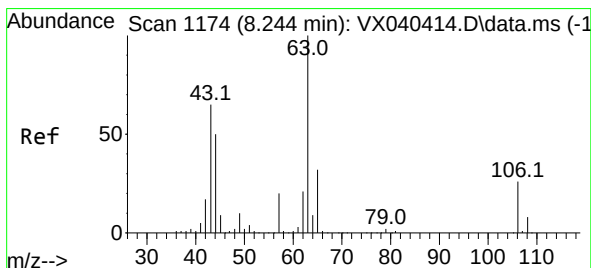
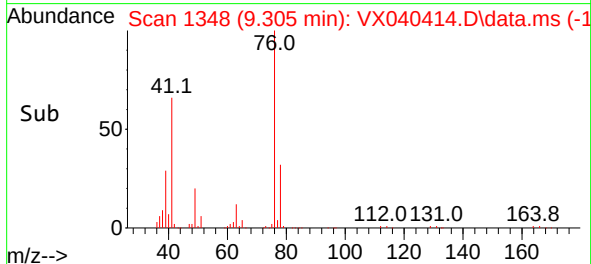
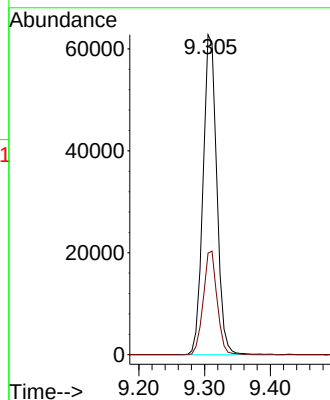
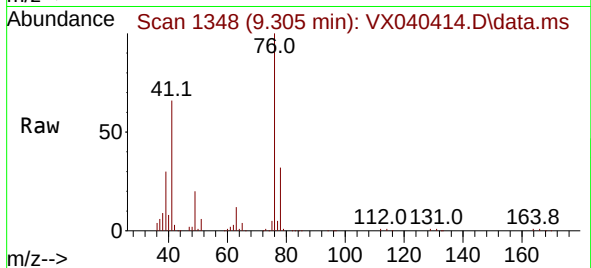
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 265.605 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX040414.D

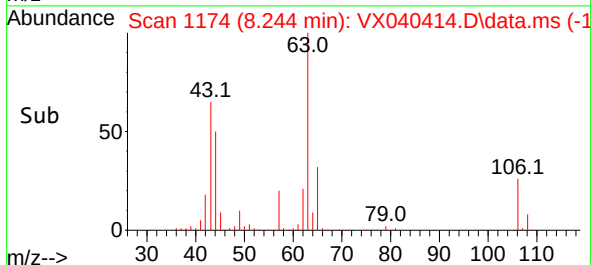
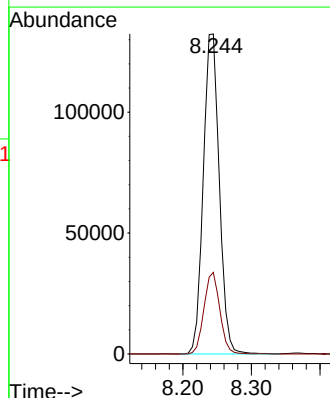
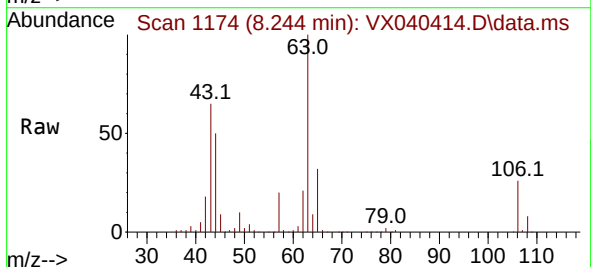
Acq: 22 Feb 2024 22:42

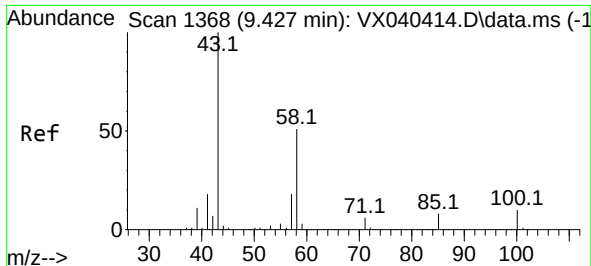
Tgt Ion: 63 Resp: 215605

Ion Ratio Lower Upper

63 100

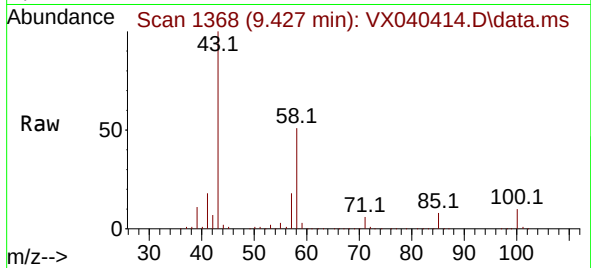
106 25.1 22.5 33.7





#59
2-Hexanone
Concen: 260.081 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

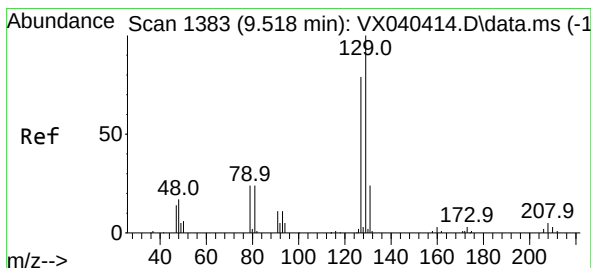
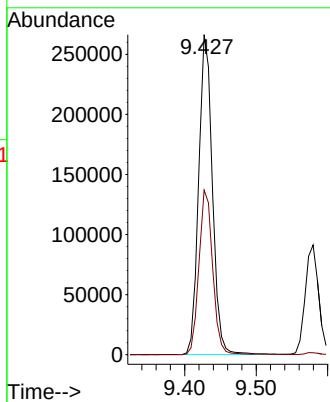
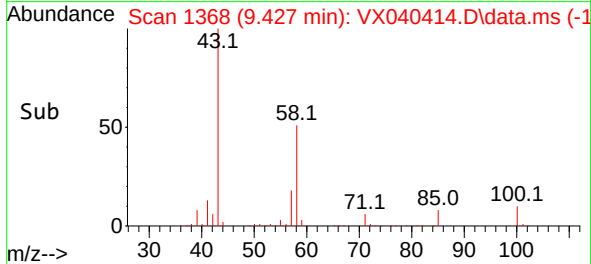
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 35447
Ion Ratio Lower Upper
43 100
58 51.8 26.2 78.5

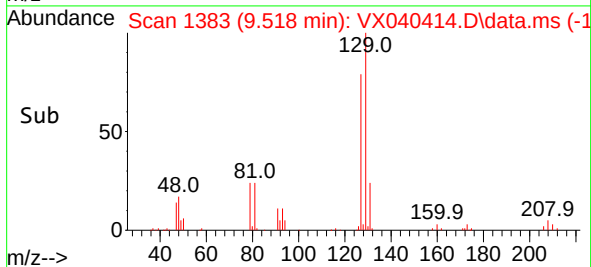
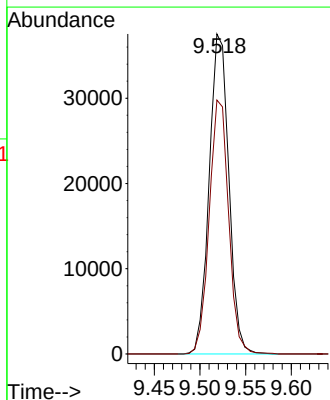
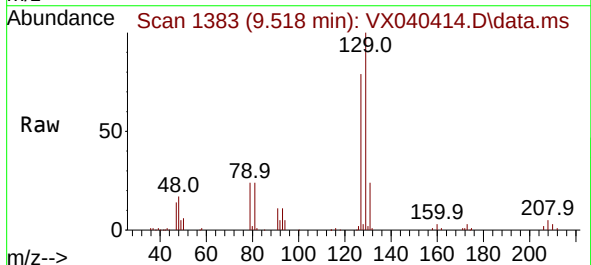
Manual Integrations
APPROVED

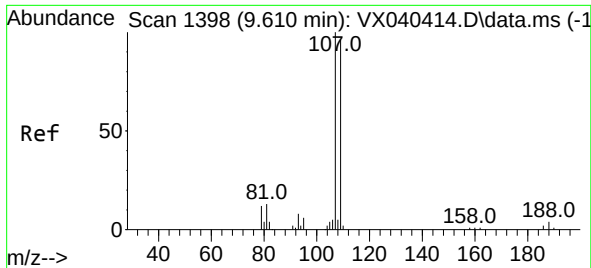
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#60
Dibromochloromethane
Concen: 52.640 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Tgt Ion:129 Resp: 55926
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





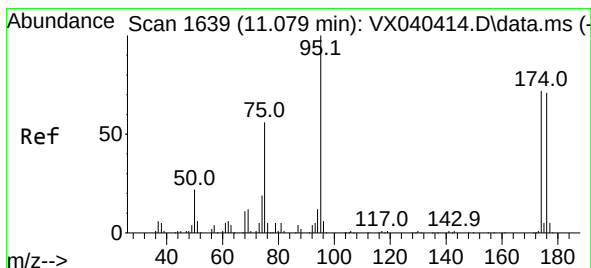
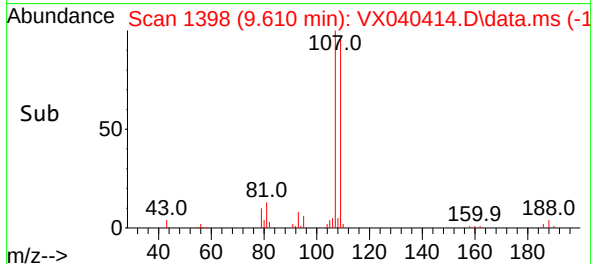
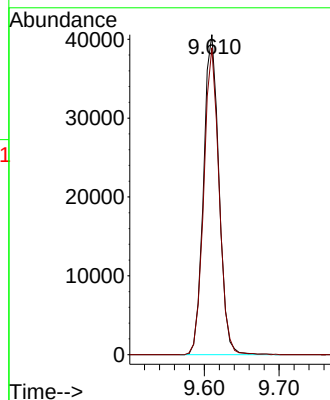
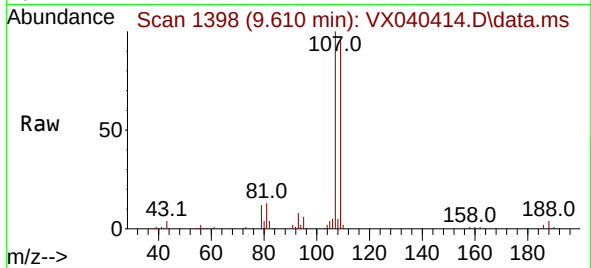
#61
1,2-Dibromoethane
Concen: 51.032 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 5811
Ion Ratio Lower Upper
107 100
109 95.1 75.2 112.8

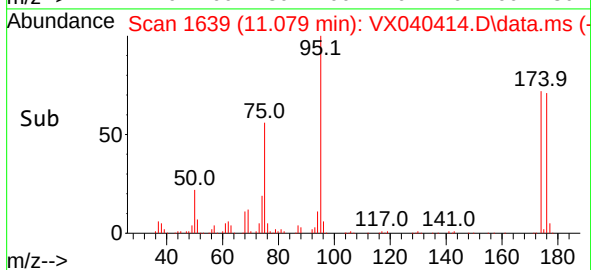
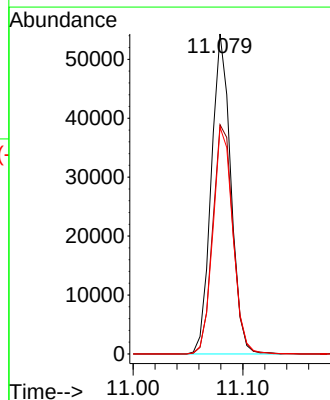
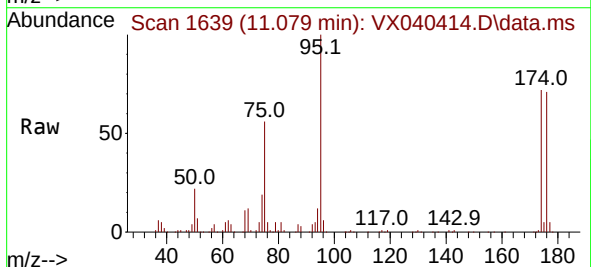
Manual Integrations
APPROVED

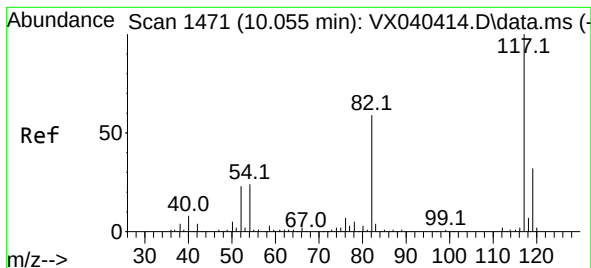
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#62
4-Bromofluorobenzene
Concen: 48.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

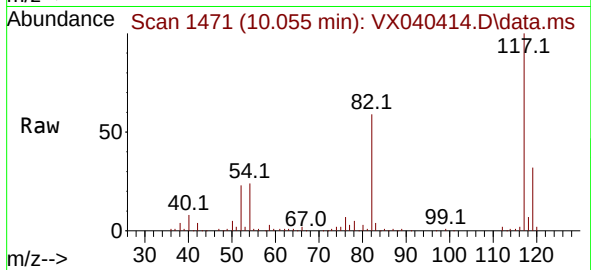
Tgt Ion: 95 Resp: 67193
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 72.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

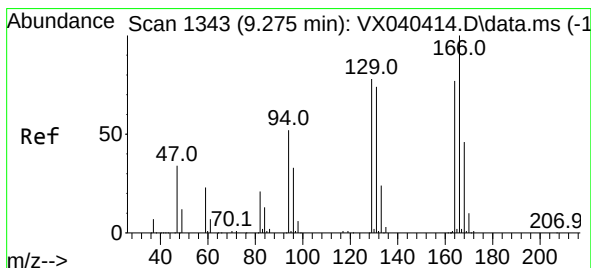
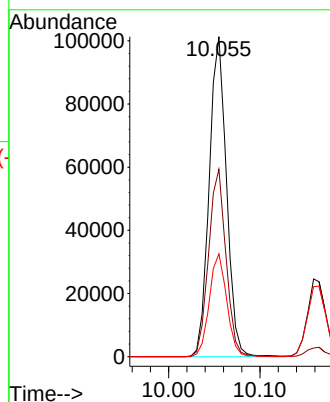
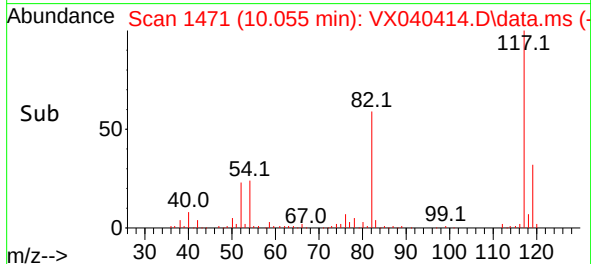
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 13288
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 32.1 25.5 38.3

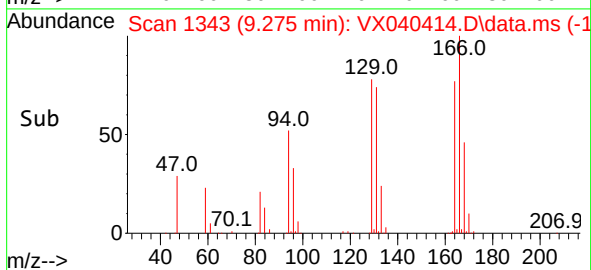
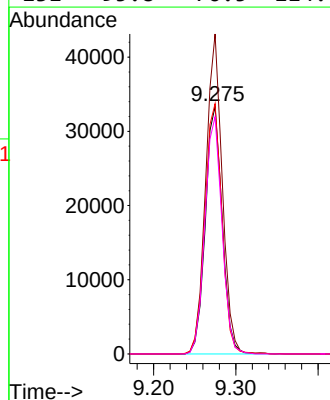
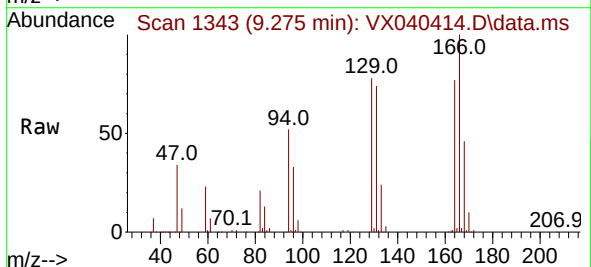
Manual Integrations
APPROVED

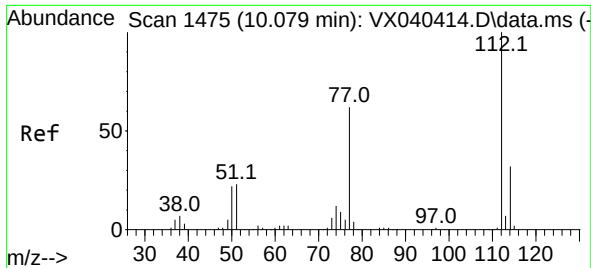
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#64
Tetrachloroethene
Concen: 48.796 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Tgt Ion:164 Resp: 47458
Ion Ratio Lower Upper
164 100
166 129.3 102.7 154.1
129 101.1 80.4 120.6
131 95.8 76.5 114.7





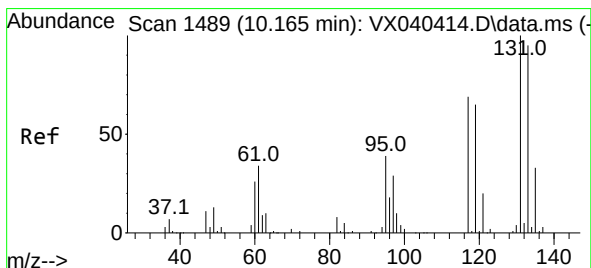
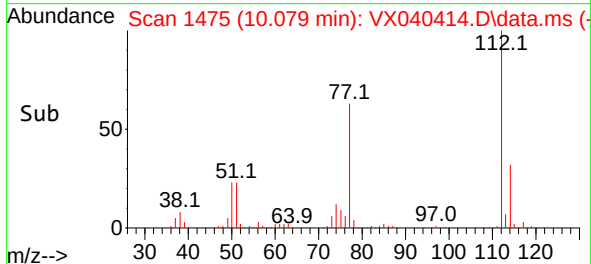
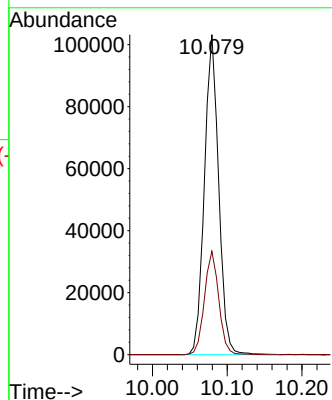
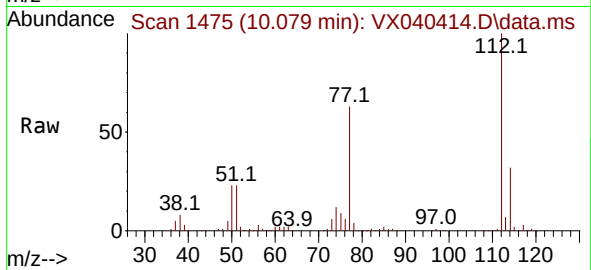
#65
Chlorobenzene
Concen: 50.979 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 13642
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

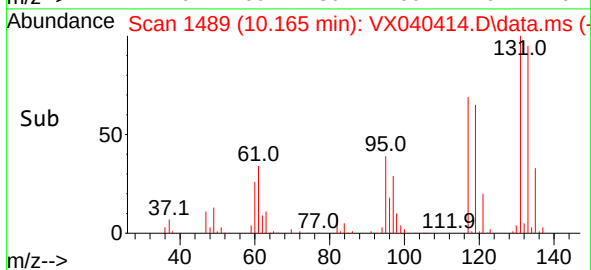
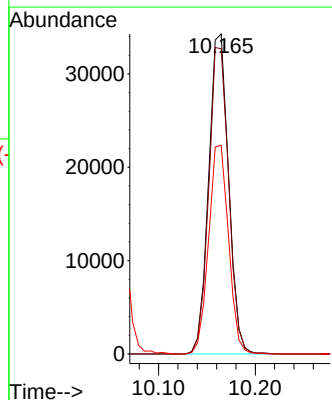
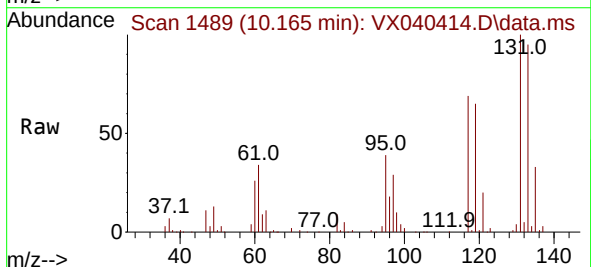
Manual Integrations
APPROVED

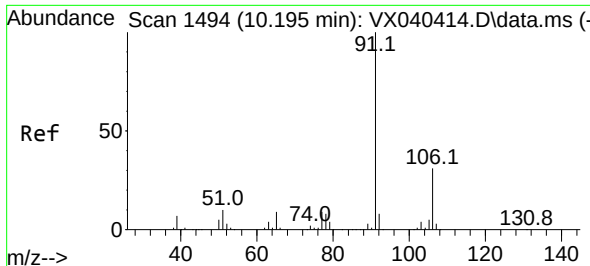
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.528 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

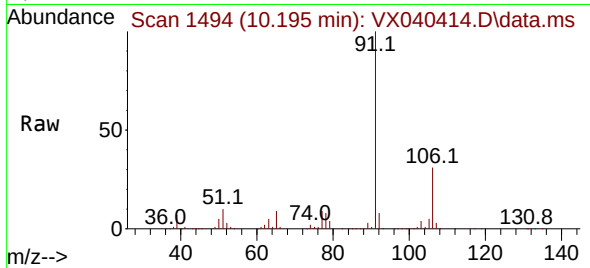
Tgt Ion:131 Resp: 49159
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 65.3 32.2 96.6





#67
Ethyl Benzene
Concen: 50.992 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

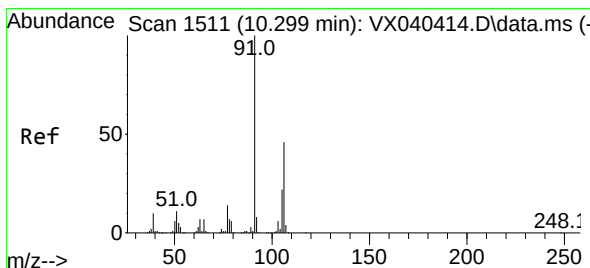
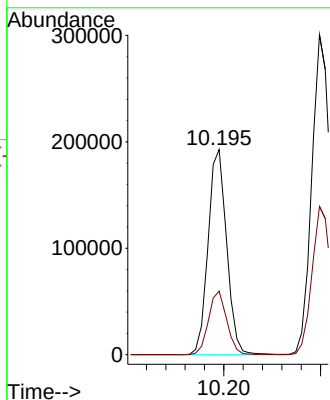
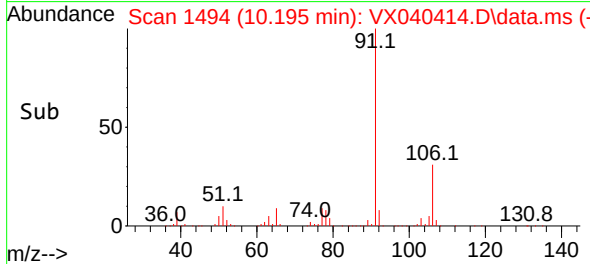
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



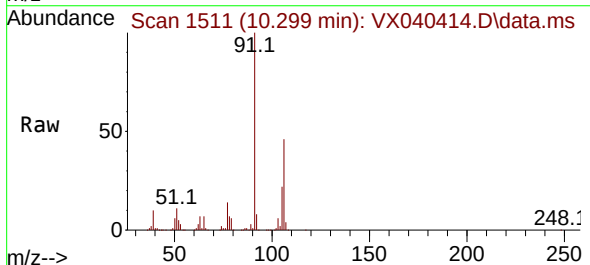
Tgt Ion: 91 Resp: 255989
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

Manual Integrations
APPROVED

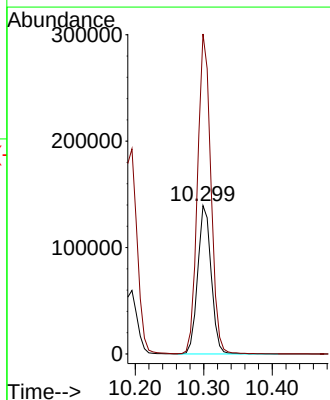
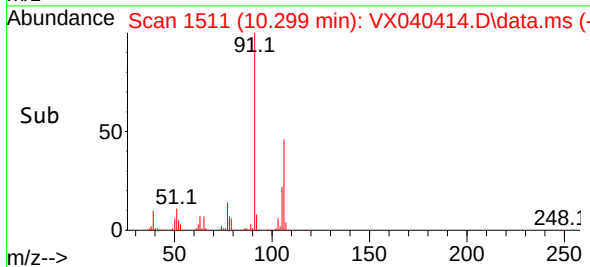
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

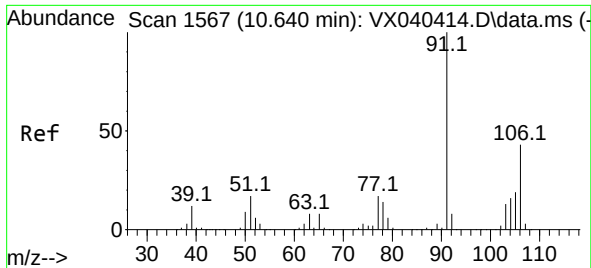


#68
m/p-Xylenes
Concen: 104.407 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42



Tgt Ion:106 Resp: 191123
Ion Ratio Lower Upper
106 100
91 213.2 165.5 248.3





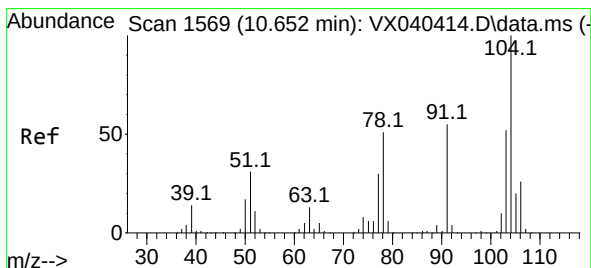
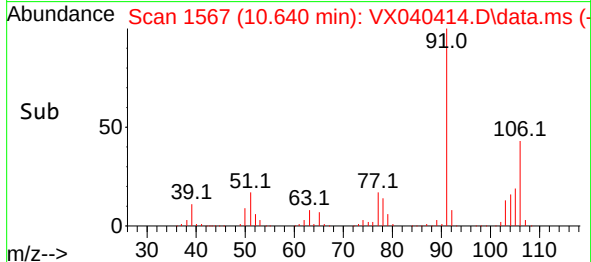
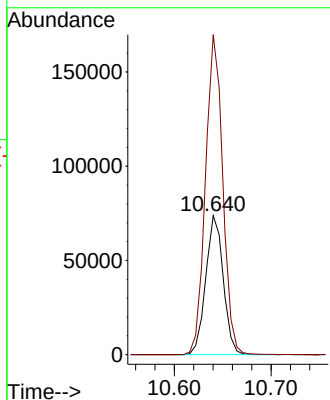
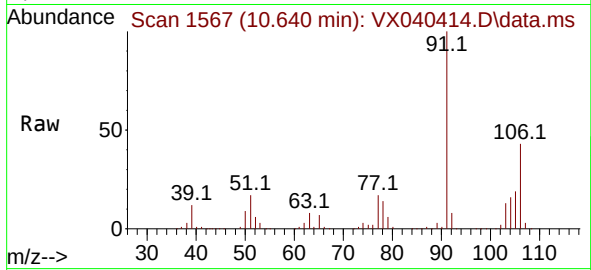
#69
o-Xylene
Concen: 51.359 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 92930
Ion Ratio Lower Upper
106 100
91 226.9 108.9 326.8

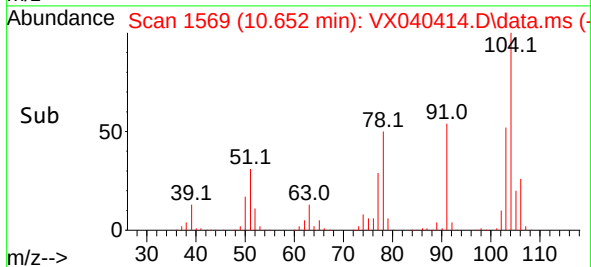
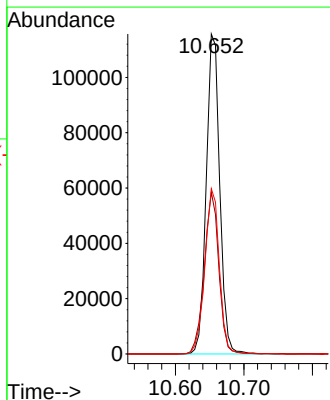
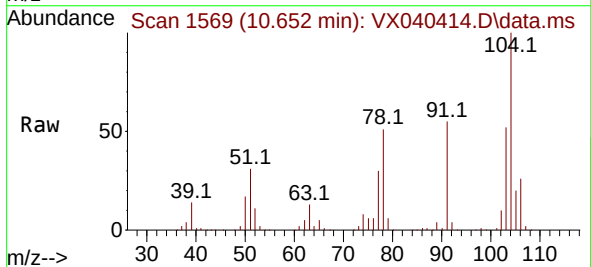
Manual Integrations
APPROVED

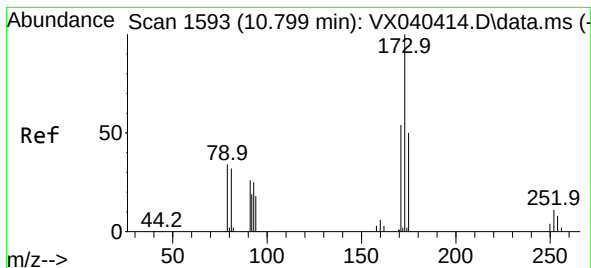
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#70
Styrene
Concen: 53.181 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

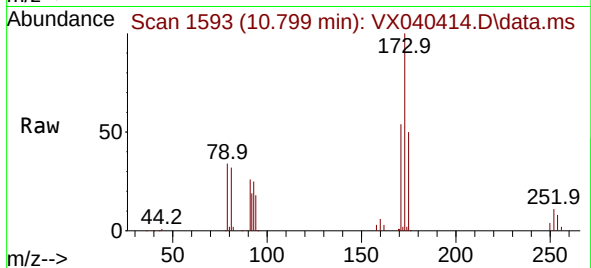
Tgt Ion:104 Resp: 158624
Ion Ratio Lower Upper
104 100
78 54.6 43.6 65.4
103 55.6 43.6 65.4





#71
Bromoform
Concen: 53.171 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

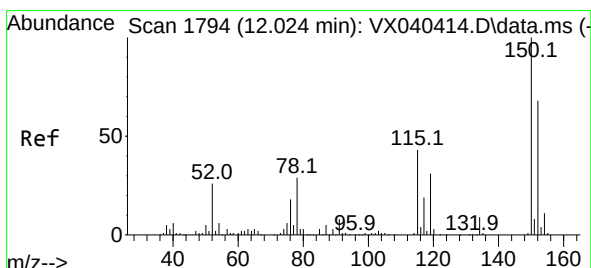
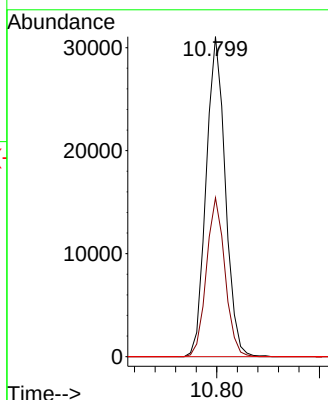
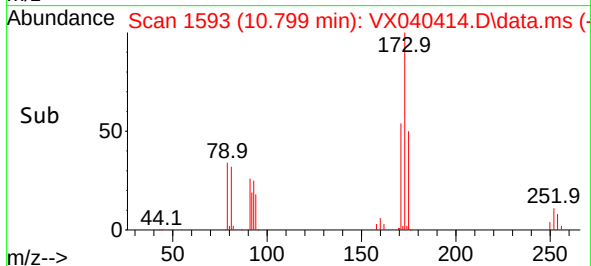
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



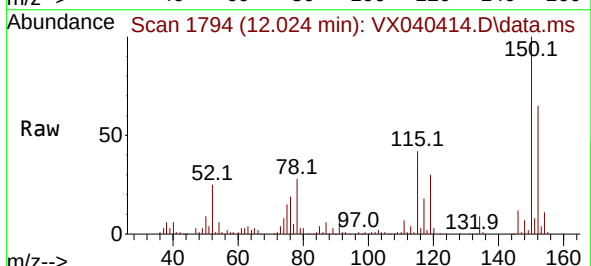
Tgt Ion:173 Resp: 40229
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

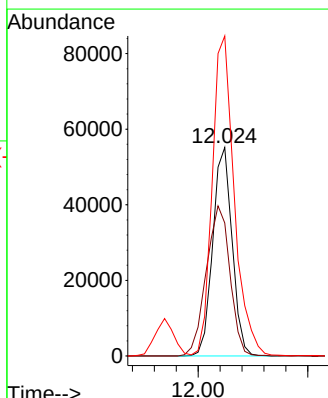
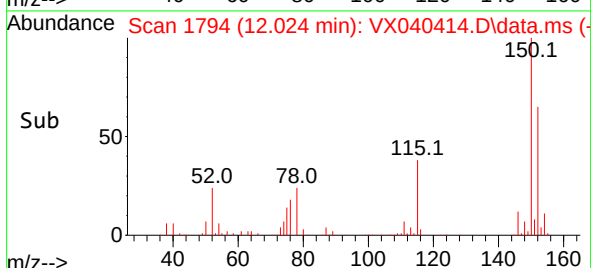
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

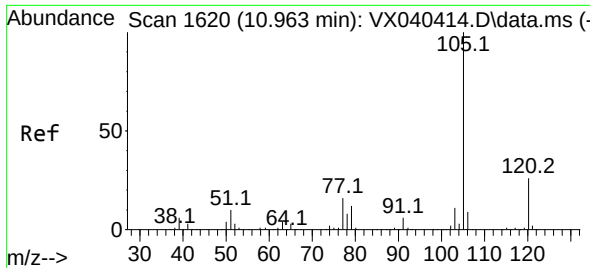


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42



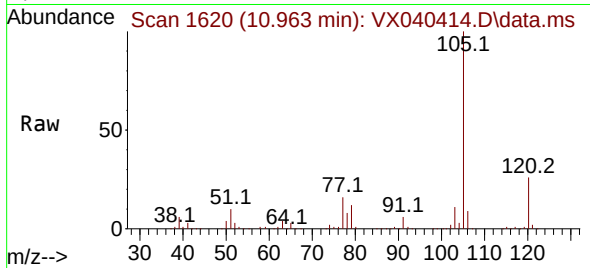
Tgt Ion:152 Resp: 67549
Ion Ratio Lower Upper
152 100
115 88.2 43.3 129.9
150 174.5 0.0 345.0





#73
Isopropylbenzene
Concen: 51.920 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

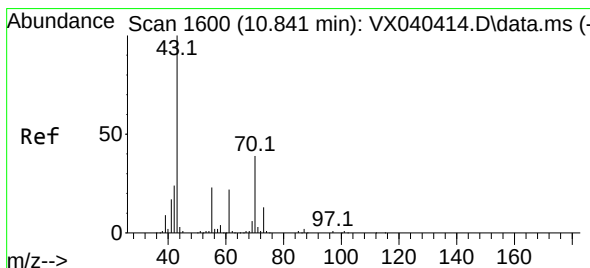
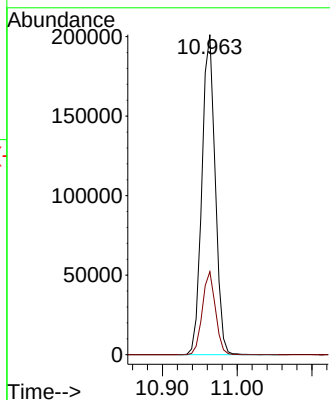
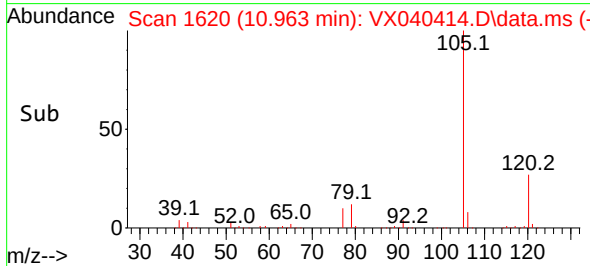
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



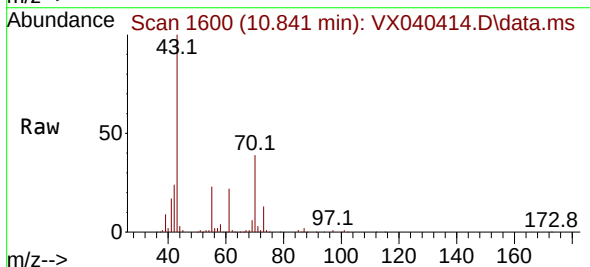
Tgt Ion:105 Resp: 248148
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

Manual Integrations
APPROVED

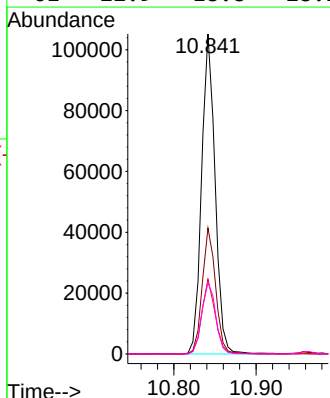
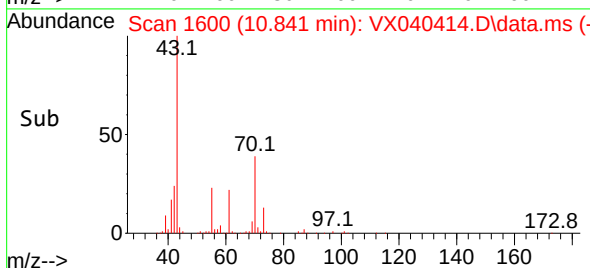
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

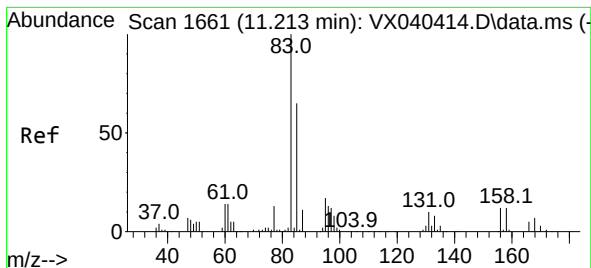


#74
N-ethyl acetate
Concen: 54.313 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42



Tgt Ion: 43 Resp: 120441
Ion Ratio Lower Upper
43 100
70 39.0 32.9 49.3
55 23.2 19.3 28.9
61 22.9 18.8 28.2





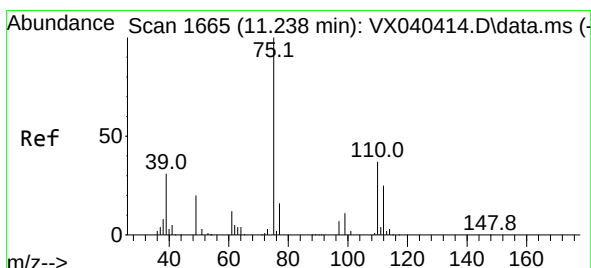
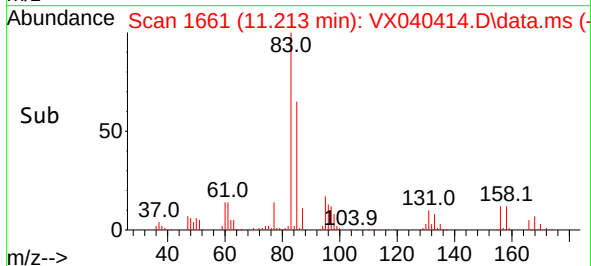
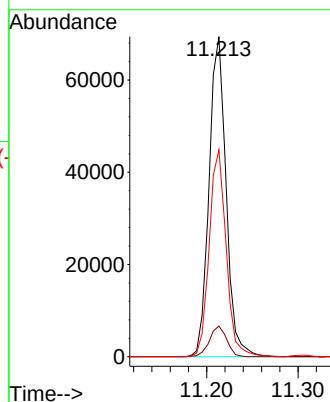
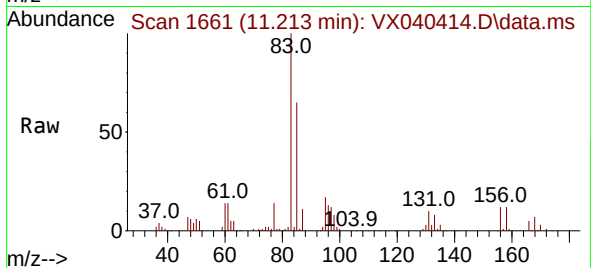
#75
1,1,2,2-Tetrachloroethane
Concen: 52.478 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 89662
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.3 32.0 96.2

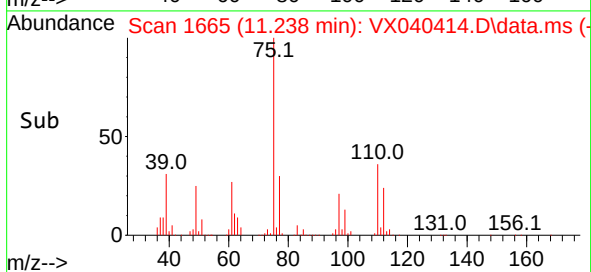
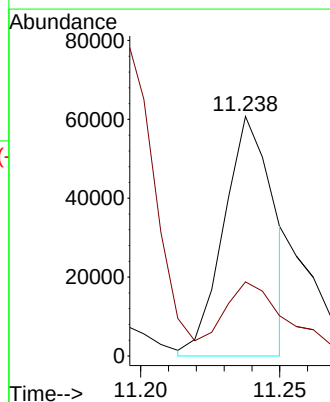
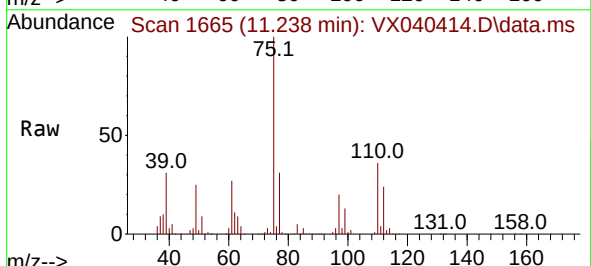
Manual Integrations
APPROVED

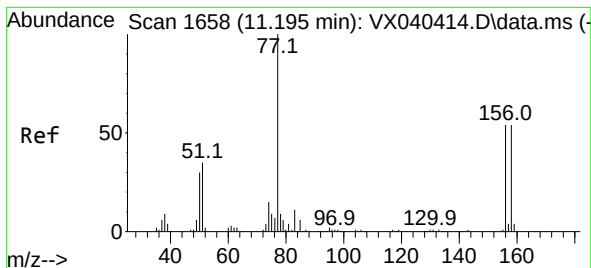
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#76
1,2,3-Trichloropropane
Concen: 50.052 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Tgt Ion: 75 Resp: 75179
Ion Ratio Lower Upper
75 100
77 40.6 19.1 57.5





#77

Bromobenzene

Concen: 50.650 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

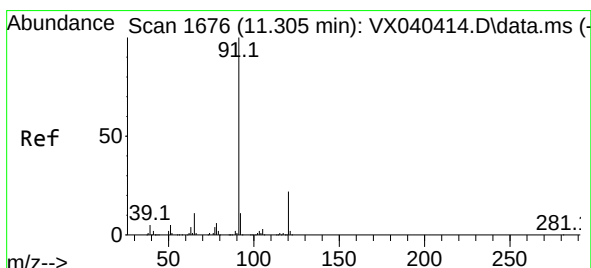
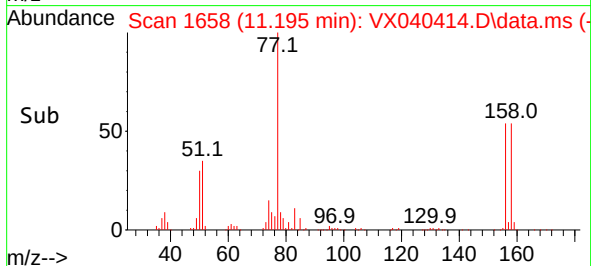
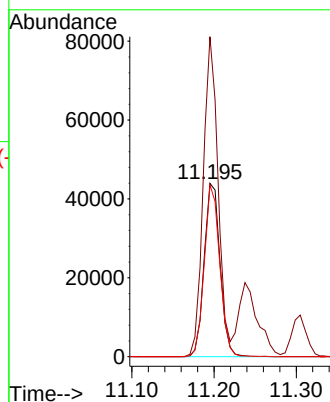
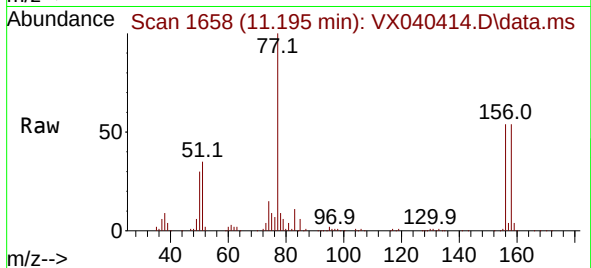
Tgt Ion:	156	Resp:	5915
Ion Ratio	Lower	Upper	
156	100		
77	171.3	88.4	265.3
158	96.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#78

n-propylbenzene

Concen: 52.057 ug/l

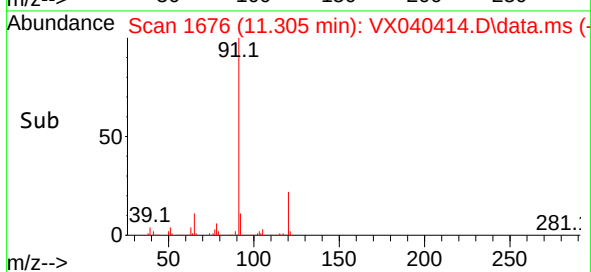
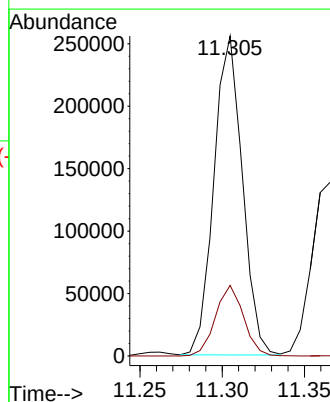
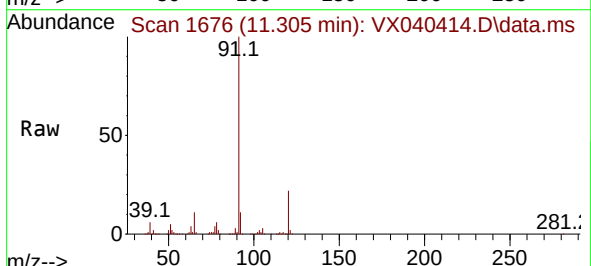
RT: 11.305 min Scan# 1676

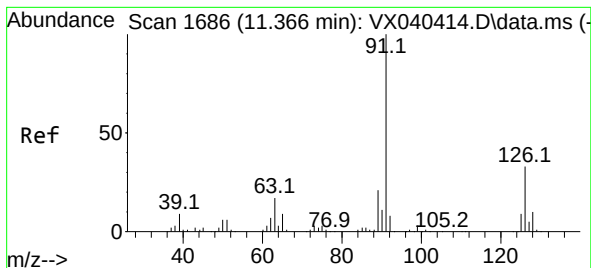
Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Tgt Ion:	91	Resp:	307331
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.5	34.4





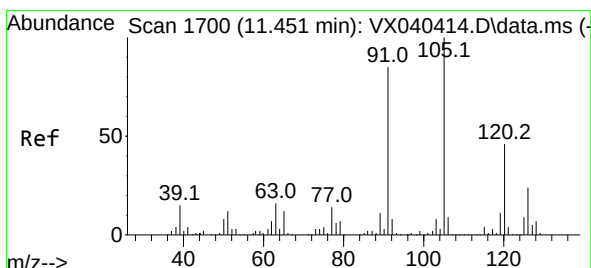
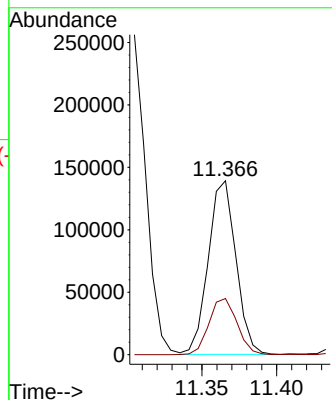
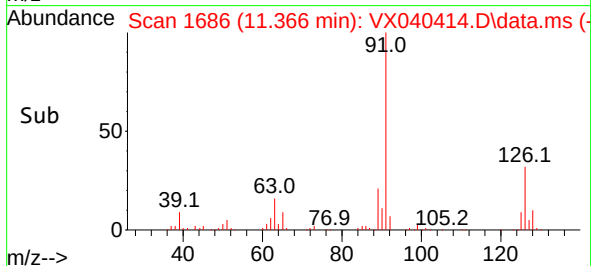
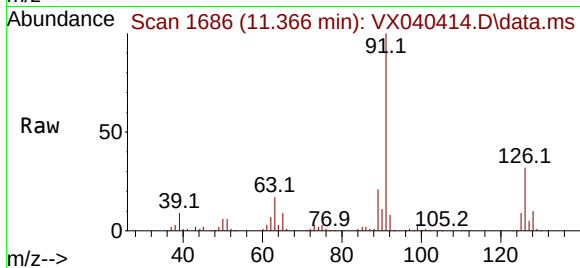
#79
2-Chlorotoluene
Concen: 50.748 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 178810
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8

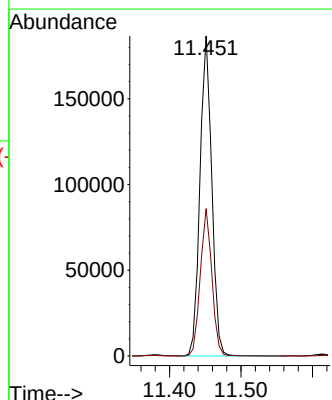
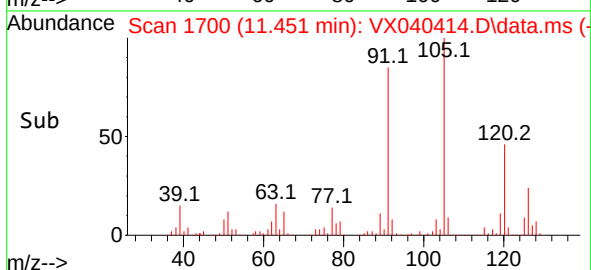
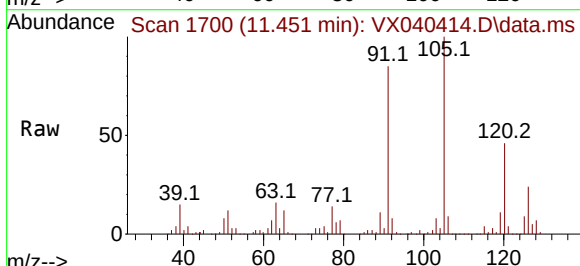
Manual Integrations
APPROVED

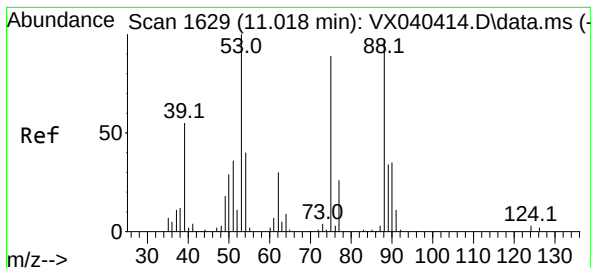
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.514 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

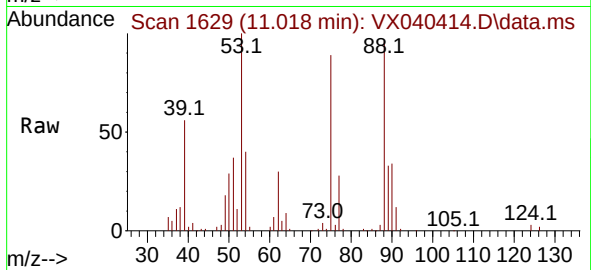
Tgt Ion:105 Resp: 213231
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.254 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

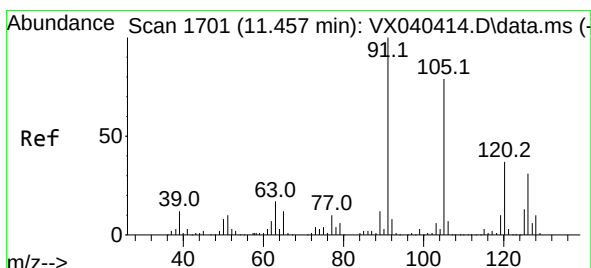
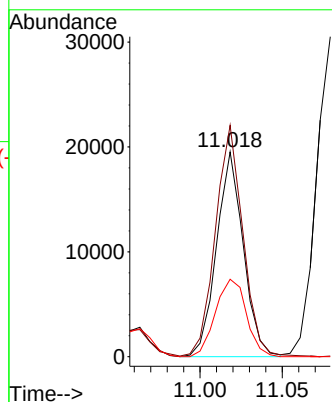
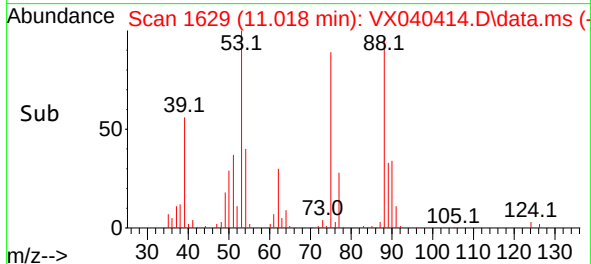
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



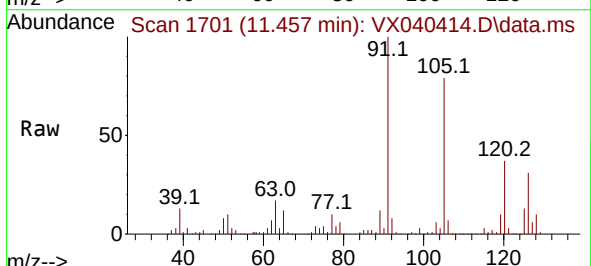
Tgt Ion: 75 Resp: 22129
Ion Ratio Lower Upper
75 100
53 115.9 90.5 135.7
89 43.6 36.9 55.3

Manual Integrations
APPROVED

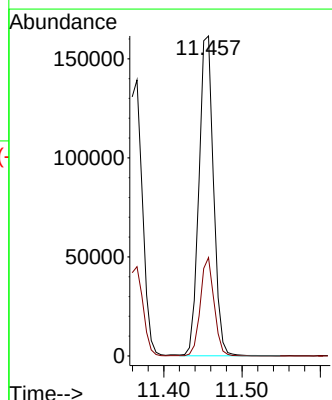
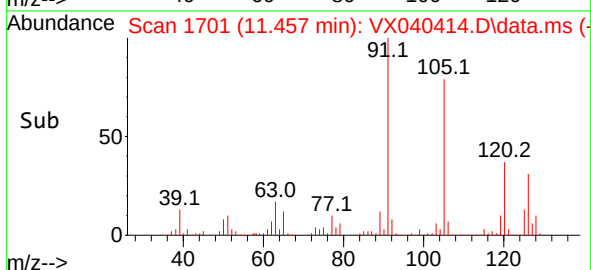
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

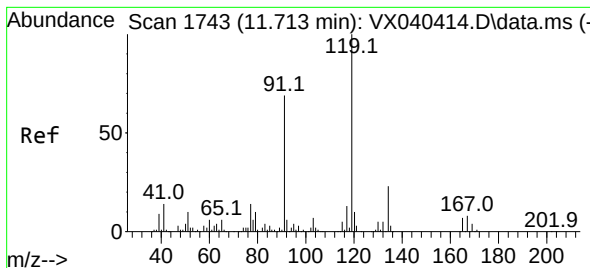


#82
4-Chlorotoluene
Concen: 50.631 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42



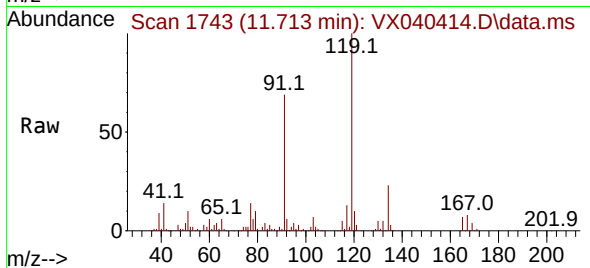
Tgt Ion: 91 Resp: 209078
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.513 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

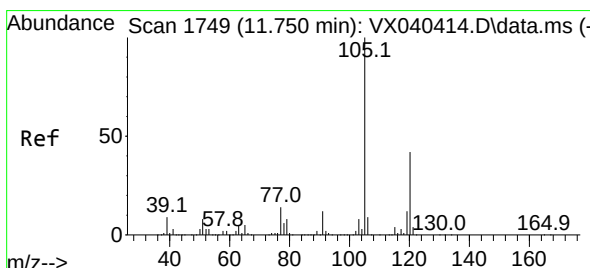
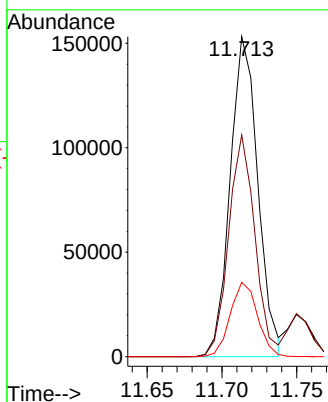
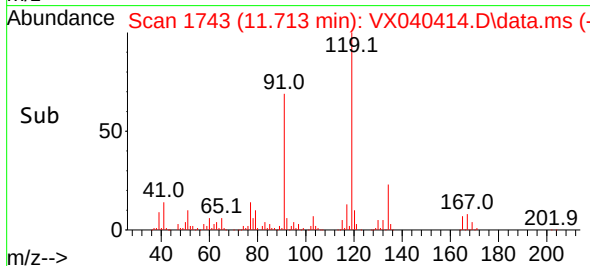
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



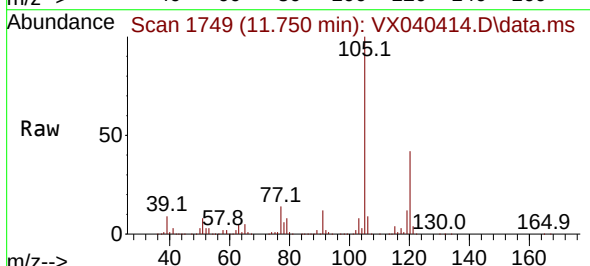
Tgt Ion:119 Resp: 19715
Ion Ratio Lower Upper
119 100
91 65.9 31.2 93.6
134 23.0 11.7 35.0

Manual Integrations
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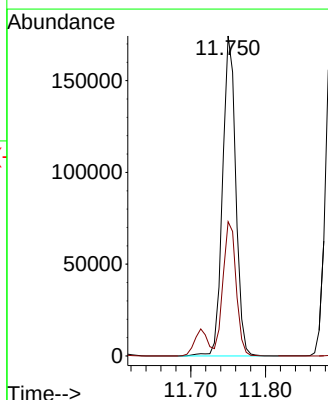
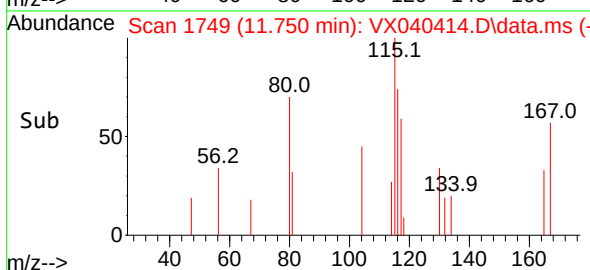
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

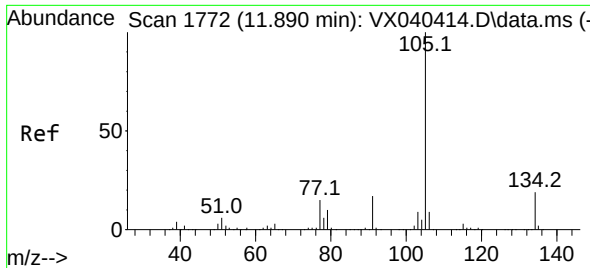


#84
1,2,4-Trimethylbenzene
Concen: 52.375 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42



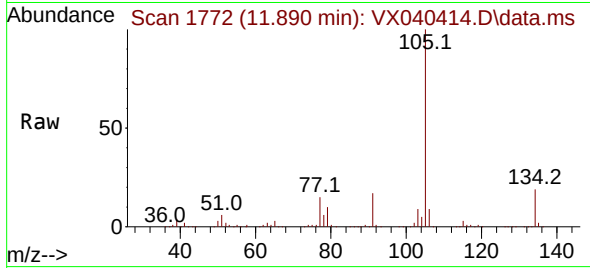
Tgt Ion:105 Resp: 214580
Ion Ratio Lower Upper
105 100
120 41.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.741 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040414.D
 Acq: 22 Feb 2024 22:42

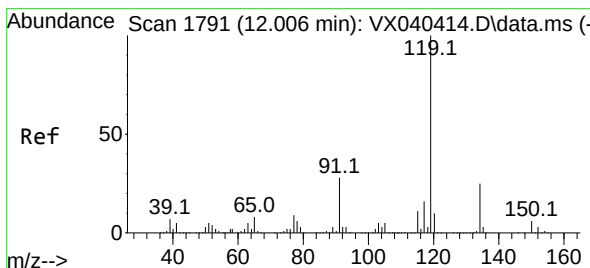
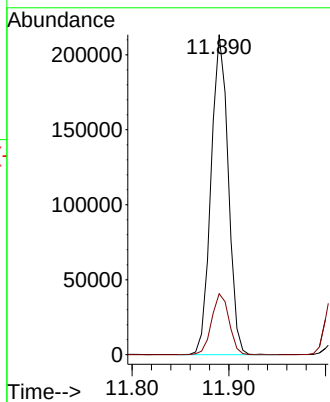
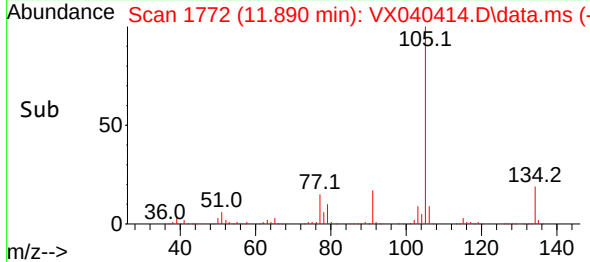
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



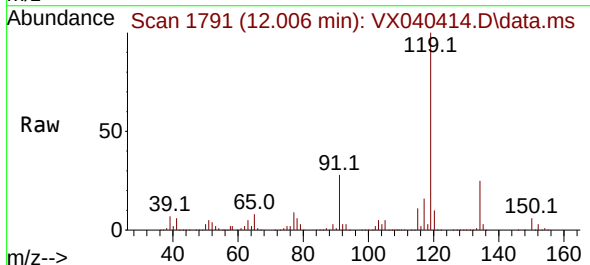
Tgt Ion:105 Resp: 26362
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
 APPROVED

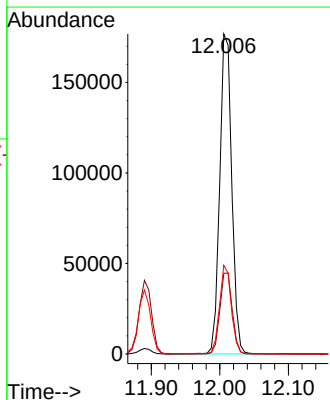
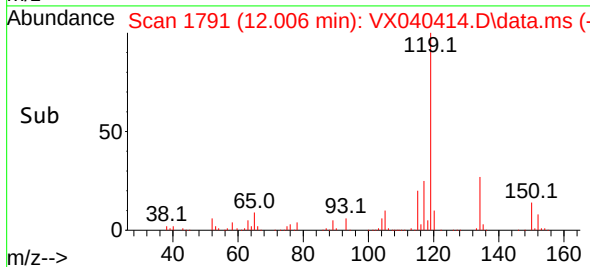
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

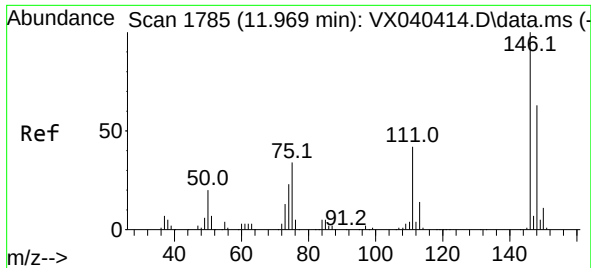


#86
 p-Isopropyltoluene
 Concen: 52.627 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040414.D
 Acq: 22 Feb 2024 22:42



Tgt Ion:119 Resp: 214240
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 27.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.263 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 112269

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.1

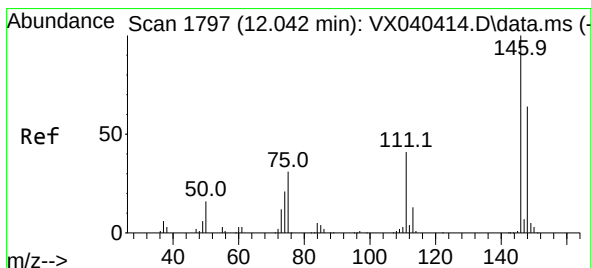
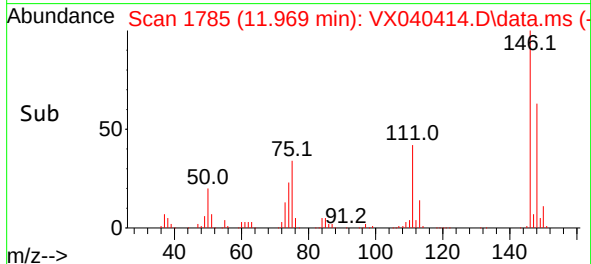
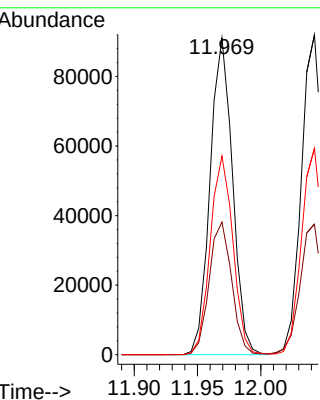
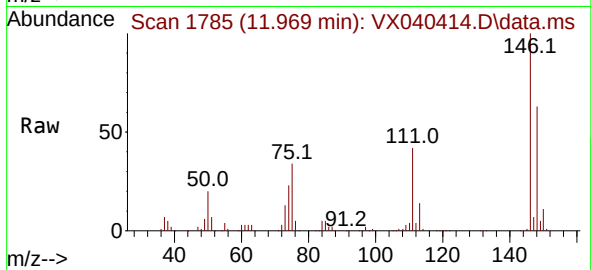
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#88

1,4-Dichlorobenzene

Concen: 49.220 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

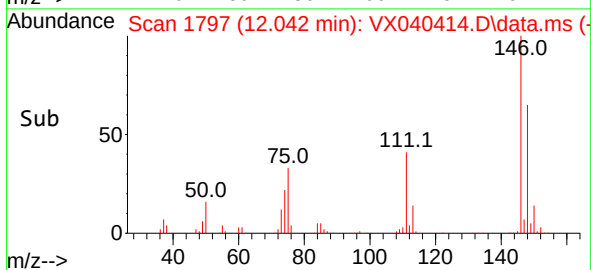
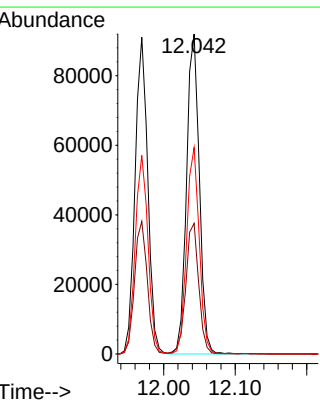
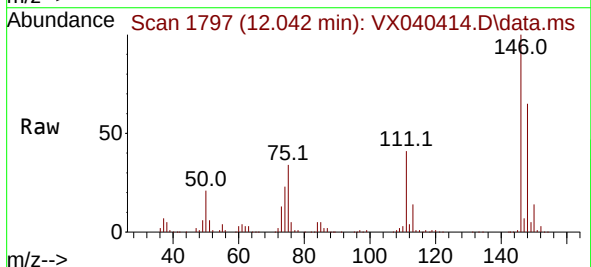
Tgt Ion:146 Resp: 113977

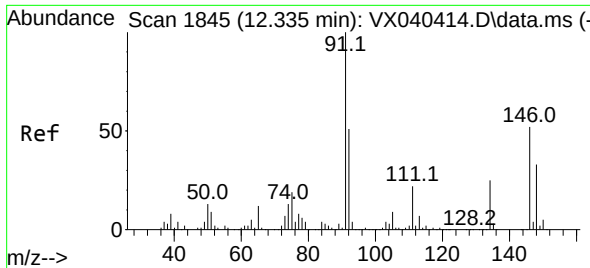
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

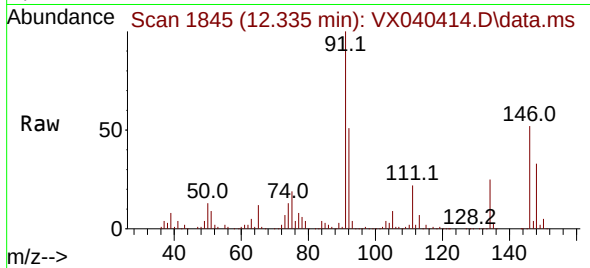
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 51.318 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

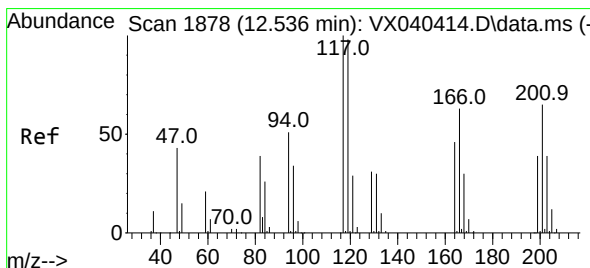
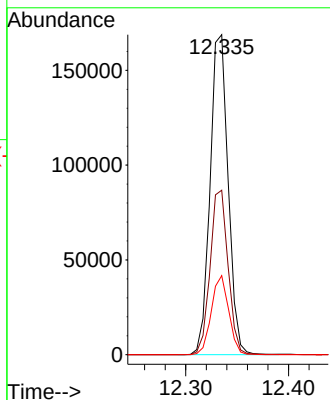
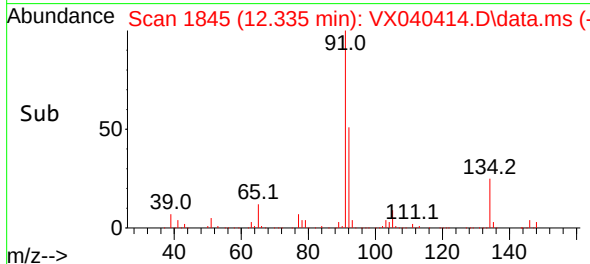
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 20554
Ion Ratio Lower Upper
91 100
92 51.3 27.4 82.0
134 23.8 12.6 37.8

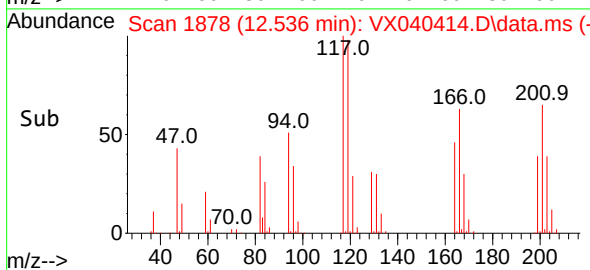
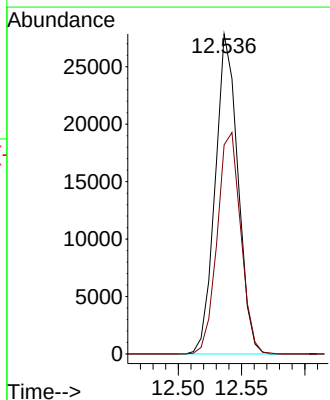
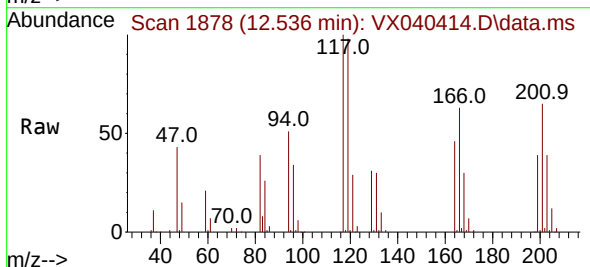
Manual Integrations
APPROVED

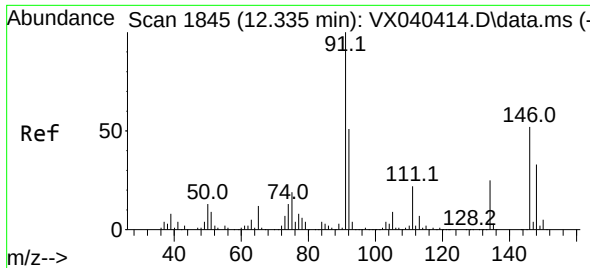
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#90
Hexachloroethane
Concen: 53.284 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

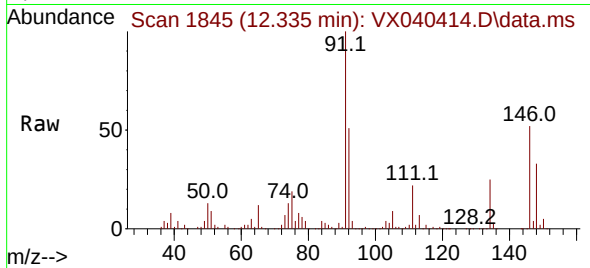
Tgt Ion:117 Resp: 34739
Ion Ratio Lower Upper
117 100
201 71.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.312 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

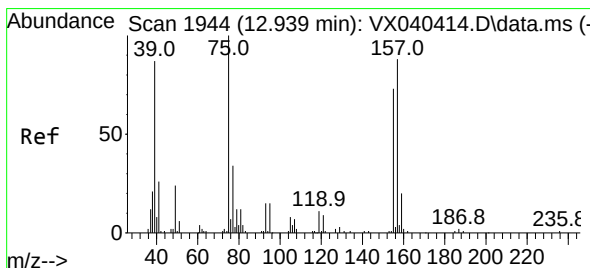
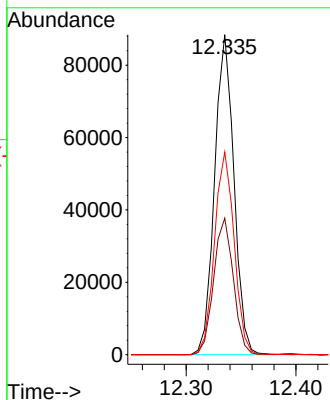
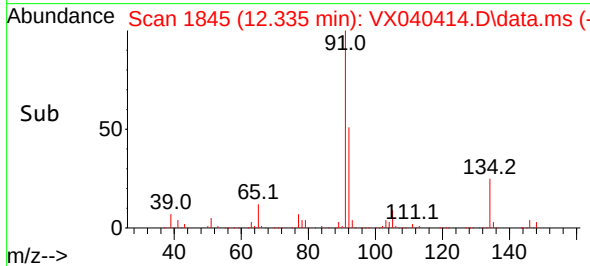
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



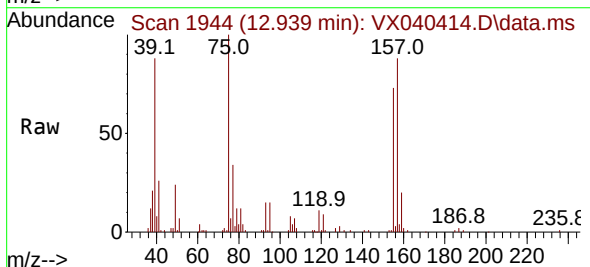
Tgt Ion:146 Resp: 10867
Ion Ratio Lower Upper
146 100
111 43.4 22.4 67.0
148 64.5 31.6 95.0

Manual Integrations
APPROVED

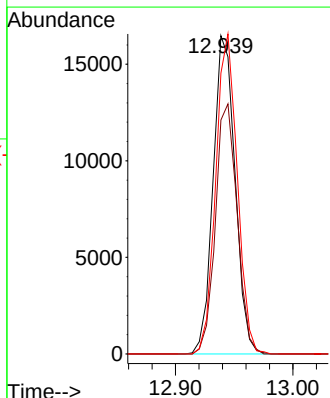
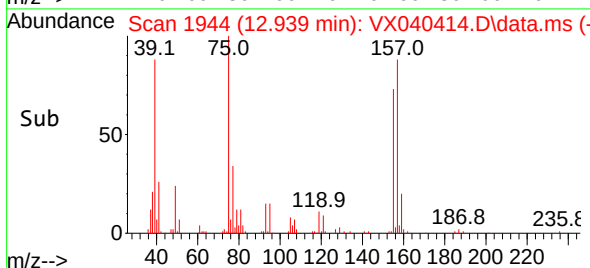
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

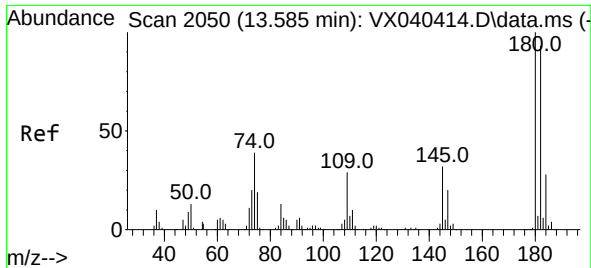


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.796 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42



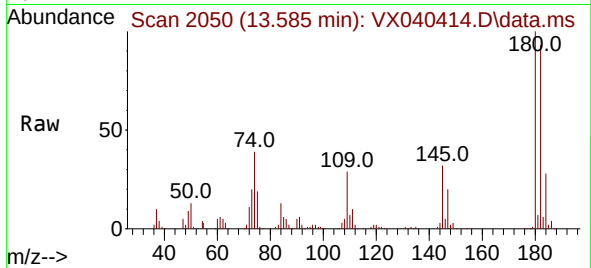
Tgt Ion: 75 Resp: 21350
Ion Ratio Lower Upper
75 100
155 78.0 36.1 108.5
157 98.8 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 51.849 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42

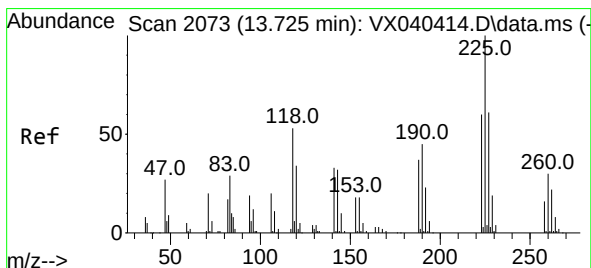
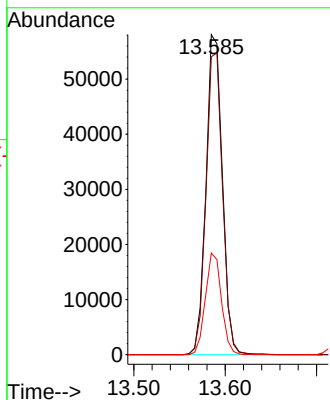
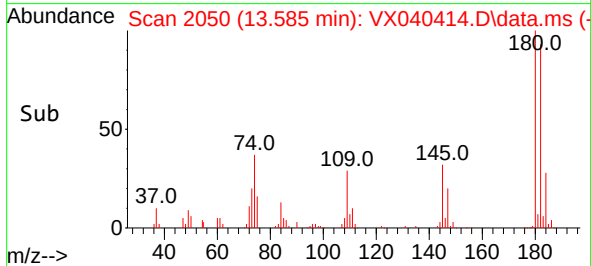
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



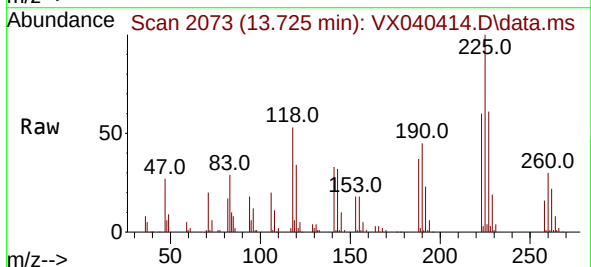
Tgt Ion:180 Resp: 72100
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.8
145 31.2 18.0 54.0

Manual Integrations
APPROVED

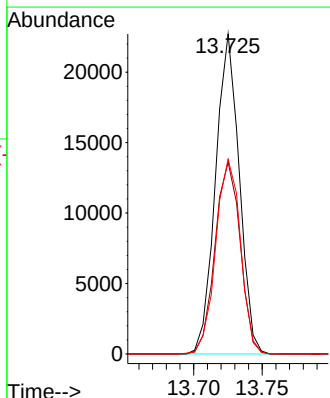
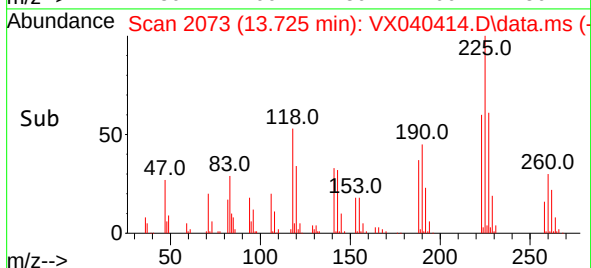
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

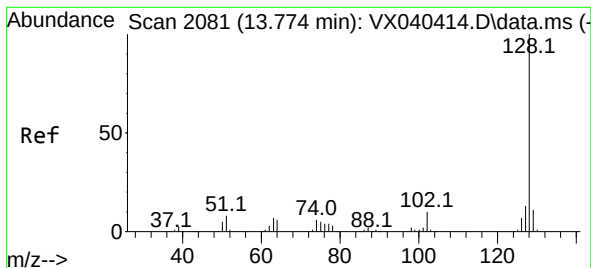


#94
Hexachlorobutadiene
Concen: 54.252 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040414.D
Acq: 22 Feb 2024 22:42



Tgt Ion:225 Resp: 27323
Ion Ratio Lower Upper
225 100
223 63.6 31.1 93.2
227 63.4 32.5 97.5





#95

Naphthalene

Concen: 53.784 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 24000

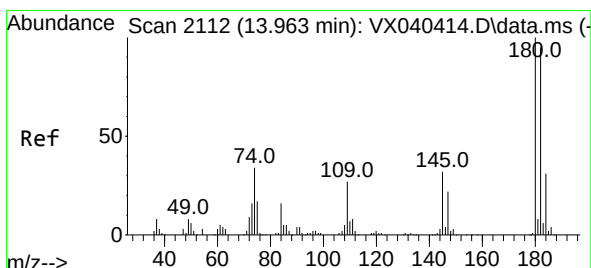
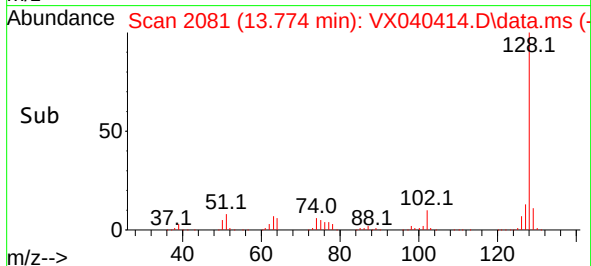
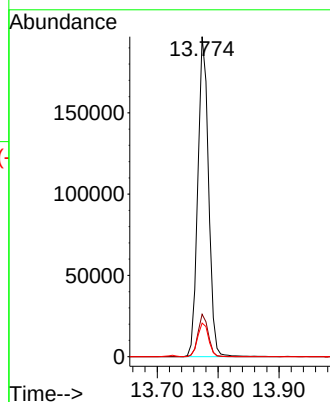
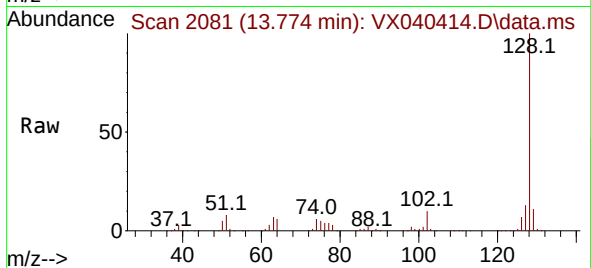
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.065 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040414.D

Acq: 22 Feb 2024 22:42

Tgt Ion:180 Resp: 69707

Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.9	140.6
145	33.0	17.8	53.5

