

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040827.D
 Acq On : 28 Mar 2024 16:48
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 29 04:53:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 04:49:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

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

Internal Standards						
1) Bromochloromethane	4.897	128	3268	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	25730	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	32917	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	15970	28.513	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.033%		
60) 4-Bromofluorobenzene	11.079	95	22195	30.866	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.900%		
63) Toluene-d8	8.647	98	38542	29.867	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.567%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	61093	106.781	ug/l	98
3) Chloromethane	1.301	50	54387	104.133	ug/l	97
4) Vinyl Chloride	1.374	62	56111	104.253	ug/l	98
5) Bromomethane	1.599	94	31617	92.996	ug/l	99
6) Chloroethane	1.679	64	33769	99.202	ug/l	99
7) Trichlorofluoromethane	1.886	101	98325	105.367	ug/l	98
8) Diethyl Ether	2.136	74	30109	103.485	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	53087	101.693	ug/l	97
10) 1,1-Dichloroethene	2.319	96	49647	101.472	ug/l	92
11) Methyl Iodide	2.453	142	67137	100.387	ug/l	96
12) Methyl Acetate	2.703	43	72843	103.708	ug/l	99
13) Acrolein	2.239	56	41875	544.206	ug/l	98
14) Acrylonitrile	3.062	53	156075	510.391	ug/l	98
15) Acetone	2.380	58	43105	497.069	ug/l #	64
16) Carbon Disulfide	2.514	76	140567	102.295	ug/l	98
17) Allyl chloride	2.666	41	92711	103.215	ug/l	86
18) Methylene Chloride	2.788	84	53549	101.715	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	51236	100.209	ug/l	98
20) Diisopropyl ether	3.764	45	178082	101.826	ug/l	90
21) 1,1-Dichloroethane	3.611	63	99018	100.292	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	61394	102.198	ug/l	94
23) tert-Butyl Alcohol	2.965	59	73619	518.982	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	179490	103.094	ug/l	94
25) Chloroform	5.093	83	110855	103.587	ug/l	94
26) Cyclohexane	5.471	56	85055	103.637	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	74837	104.234	ug/l	97
30) 2-Butanone	4.550	43	235776	519.018	ug/l	98
31) 2,2-Dichloropropane	4.477	77	90061	106.213	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	99918	105.403	ug/l	99
33) Carbon Tetrachloride	5.678	117	87396	106.807	ug/l	99
34) Benzene	6.038	78	209788	101.864	ug/l	99
35) Methacrylonitrile	4.916	41	50189	103.576	ug/l	96
36) 1,2-Dichloroethane	6.086	62	91887	102.684	ug/l	95
37) Trichloroethene	7.123	130	54205	106.540	ug/l	98
38) Methylcyclohexane	7.379	83	89746	105.881	ug/l	95
39) 1,2-Dichloropropane	7.428	63	52625	107.549	ug/l	98
40) Dibromomethane	7.580	93	42994	105.972	ug/l	97
41) Bromodichloromethane	7.824	83	89439	108.591	ug/l	98
42) Vinyl Acetate	3.721	43	879584	523.849	ug/l	100

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 MSVOA_X
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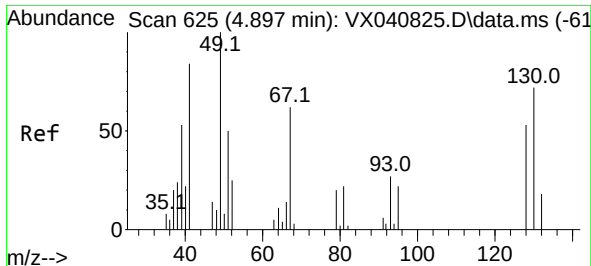
Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

Quant Time: Mar 29 04:53:15 2024
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	91828	102.384	ug/l	100
44) Isopropyl Acetate	6.336	43	152243	107.771	ug/l	95
45) 1,4-Dioxane	7.659	88	29251	2211.365	ug/l	96
46) Methyl methacrylate	7.690	41	74382	109.367	ug/l	93
47) n-amyl Acetate	10.842	43	143597	112.887	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	91315	111.759	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	92647	109.755	ug/l #	90
50) 1,1,2-Trichloroethane	9.153	97	52919	106.361	ug/l	97
51) Ethyl methacrylate	9.116	69	98499	113.349	ug/l	95
52) 1,3-Dichloropropane	9.305	76	93272	109.071	ug/l	100
53) Dibromochloromethane	9.519	129	65398	109.702	ug/l	99
54) 1,2-Dibromoethane	9.610	107	59034	107.198	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	232239	546.373	ug/l	99
56) Bromoform	10.799	173	46924	113.215	ug/l #	97
58) 4-Methyl-2-Pentanone	8.574	43	498463	536.174	ug/l	98
59) 2-Hexanone	9.427	43	396855	535.645	ug/l	96
61) Tetrachloroethene	9.275	164	47699	108.100	ug/l	98
62) Toluene	8.720	91	237347	106.612	ug/l	99
64) Chlorobenzene	10.079	112	152614	106.042	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	53987	107.039	ug/l	98
66) Ethyl Benzene	10.195	91	281408	107.537	ug/l	98
67) m/p-Xylenes	10.299	106	205768	214.185	ug/l	94
68) o-Xylene	10.640	106	97918	108.193	ug/l	95
69) Styrene	10.653	104	171103	108.956	ug/l	97
70) Isopropylbenzene	10.963	105	269131	109.162	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	90682	105.910	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	79454m	109.609	ug/l	
73) Bromobenzene	11.195	156	63679	108.318	ug/l	97
74) n-propylbenzene	11.305	91	339214	110.212	ug/l	100
75) 2-Chlorotoluene	11.366	91	197942	108.763	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	233999	109.683	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	33128	114.869	ug/l	84
78) 4-Chlorotoluene	11.451	91	235604	108.935	ug/l	98
79) tert-butylbenzene	11.713	119	223539	108.887	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	231055	109.287	ug/l	99
81) sec-Butylbenzene	11.890	105	289113	109.826	ug/l	99
82) p-Isopropyltoluene	12.006	119	246456	110.565	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	122477	107.293	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	126874	107.850	ug/l	99
85) n-Butylbenzene	12.329	91	247738	111.754	ug/l	98
86) Hexachloroethane	12.536	117	44582	112.572	ug/l	90
87) 1,2-Dichlorobenzene	12.335	146	119629	108.341	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	24570	111.492	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	83548	108.458	ug/l	98
90) Hexachlorobutadiene	13.725	225	30766	106.495	ug/l	96
91) Naphthalene	13.774	128	286893	111.356	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	81174	110.546	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



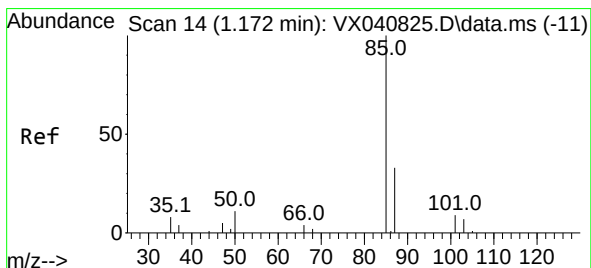
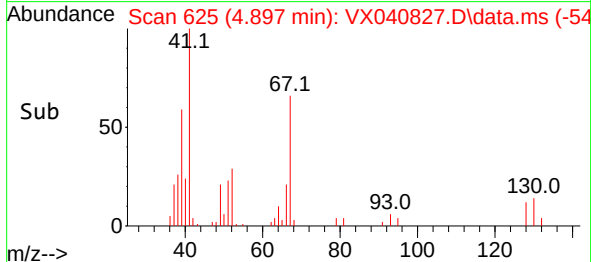
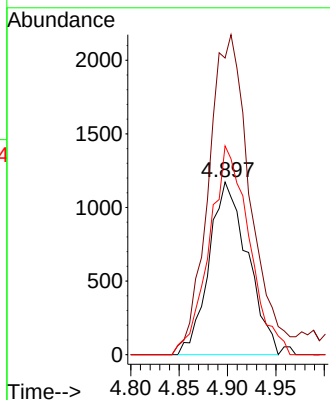
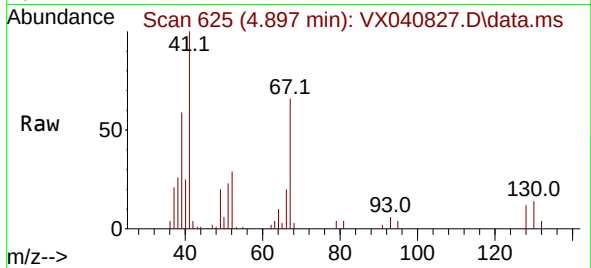
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 326
Ion Ratio Lower Upper
128 100
49 199.5 0.0 444.0
130 125.1 0.0 297.8

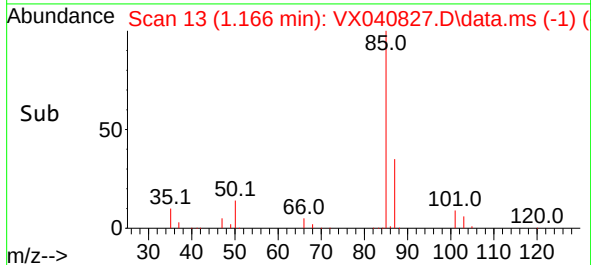
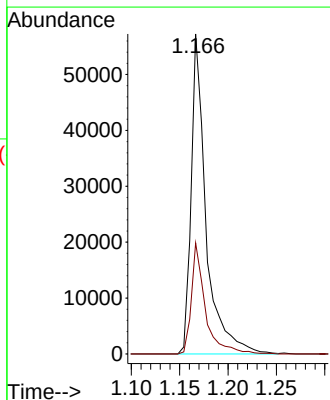
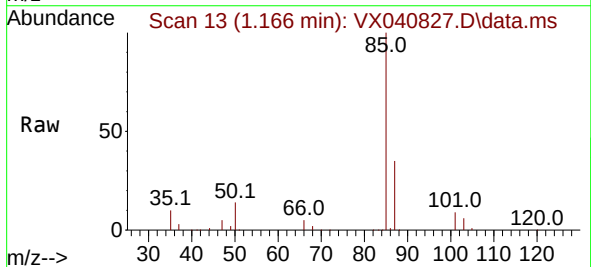
Manual Integrations
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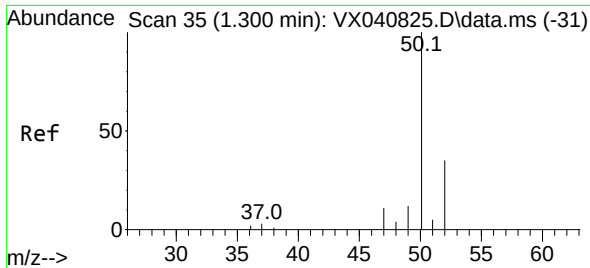
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#2
Dichlorodifluoromethane
Concen: 106.781 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion: 85 Resp: 61093
Ion Ratio Lower Upper
85 100
87 34.7 16.7 50.1





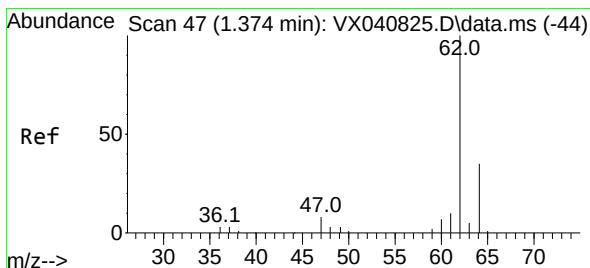
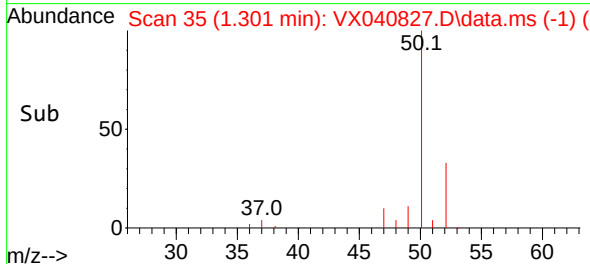
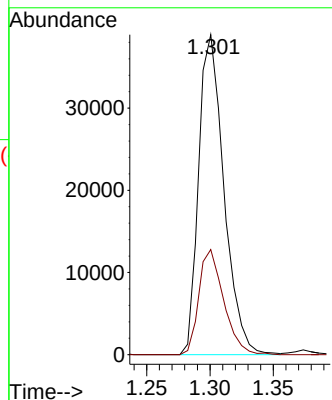
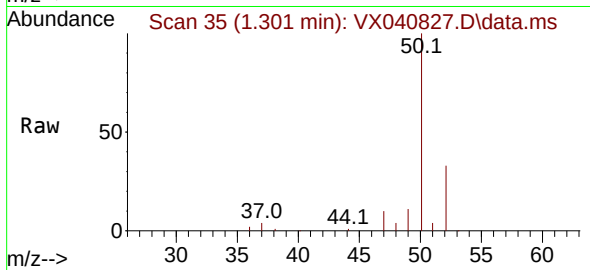
#3
Chloromethane
Concen: 104.133 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 5438
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.8

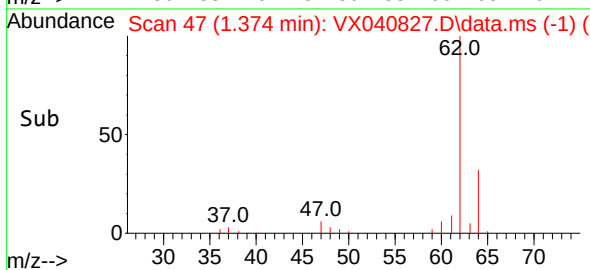
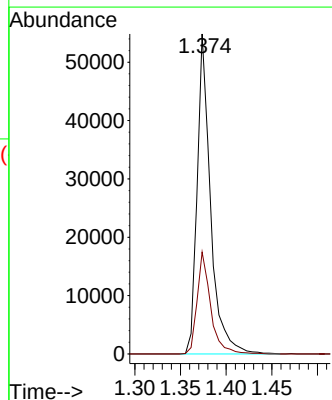
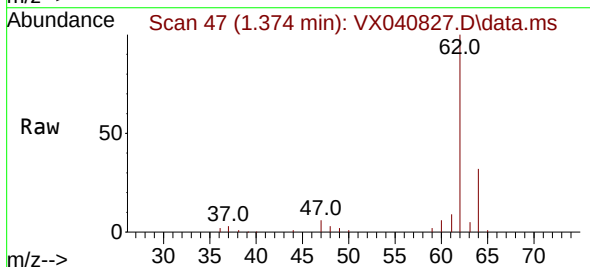
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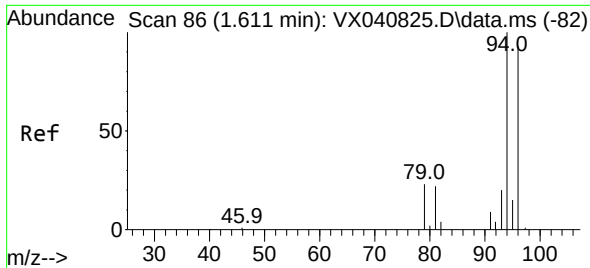
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#4
Vinyl Chloride
Concen: 104.253 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion: 62 Resp: 56111
Ion Ratio Lower Upper
62 100
64 31.8 26.3 39.5





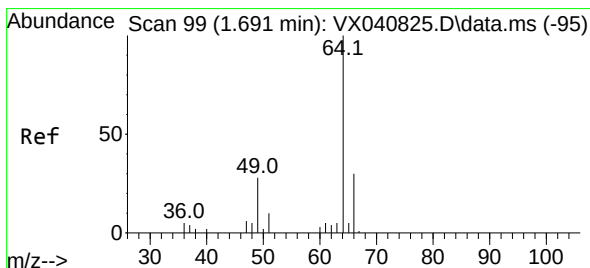
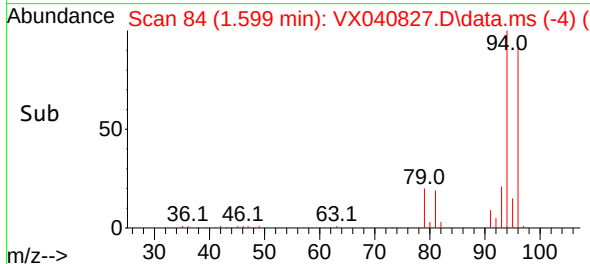
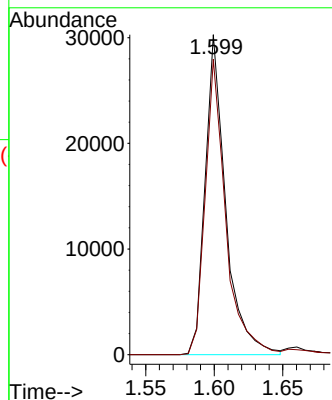
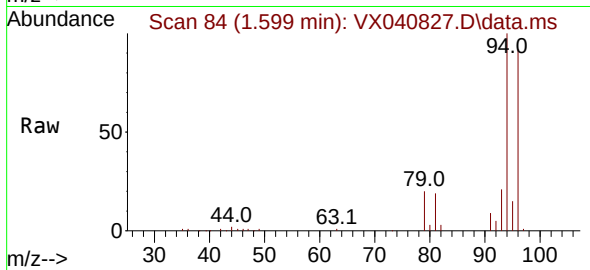
#5
Bromomethane
Concen: 92.996 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 3161
Ion Ratio Lower Upper
94 100
96 92.4 74.9 112.3

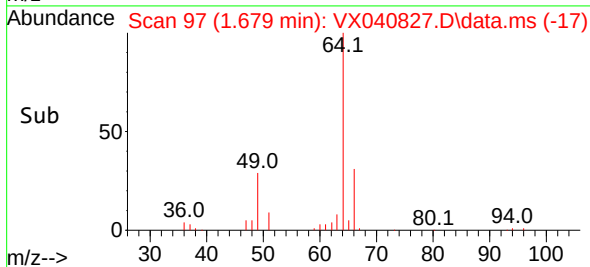
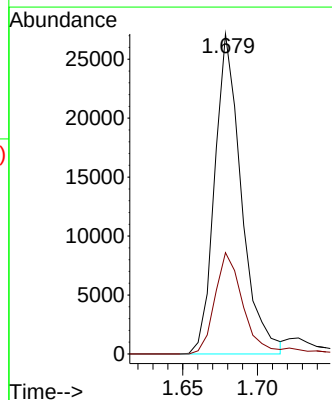
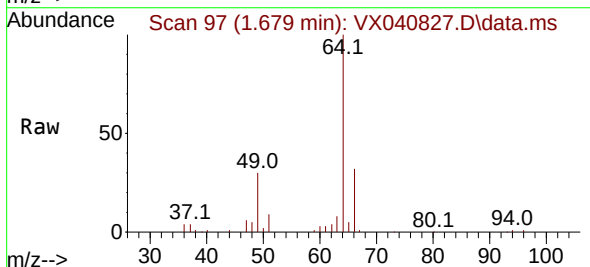
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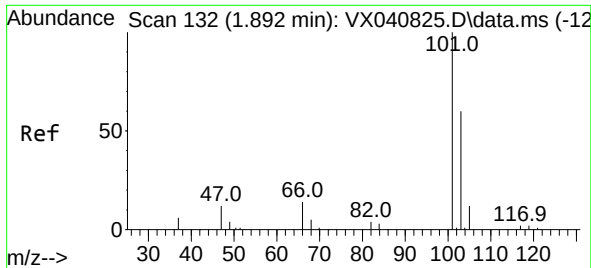
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#6
Chloroethane
Concen: 99.202 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion: 64 Resp: 33769
Ion Ratio Lower Upper
64 100
66 31.6 25.0 37.6





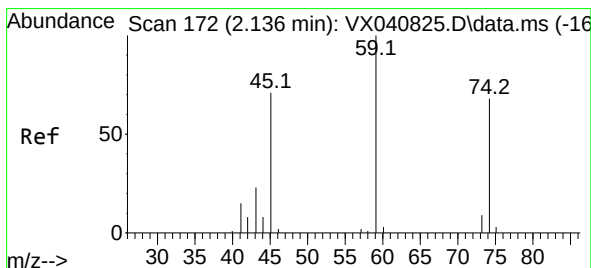
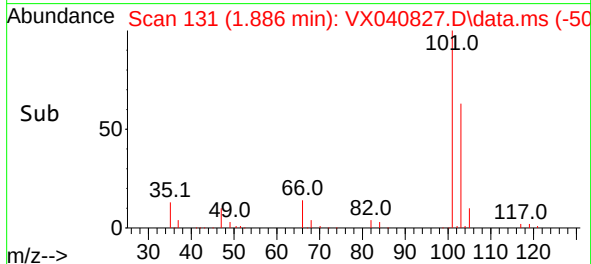
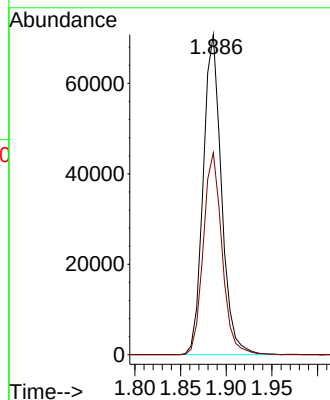
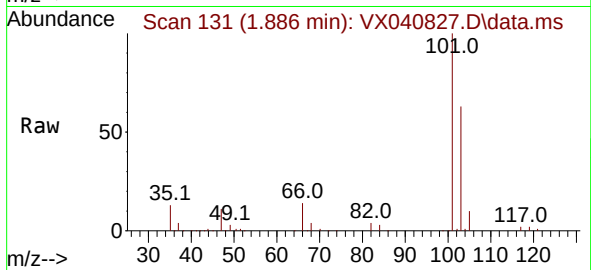
#7
 Trichlorofluoromethane
 Concen: 105.367 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040827.D
 Acq: 28 Mar 2024 16:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 9832
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.1 73.7

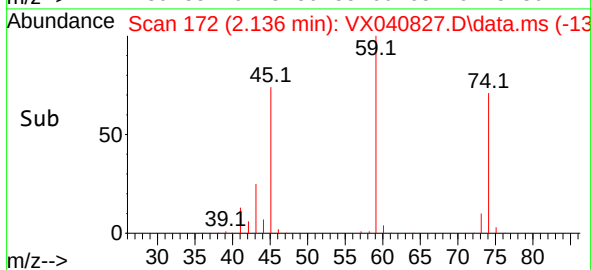
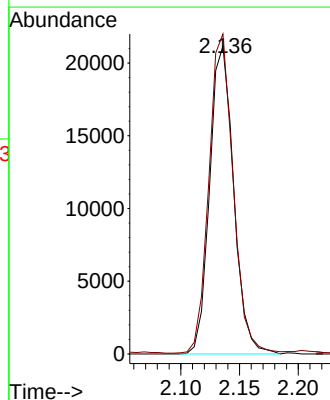
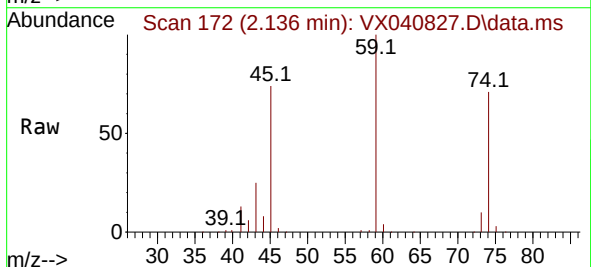
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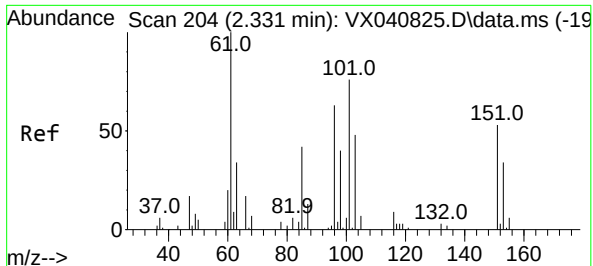
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#8
 Diethyl Ether
 Concen: 103.485 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX040827.D
 Acq: 28 Mar 2024 16:48

Tgt Ion: 74 Resp: 30109
 Ion Ratio Lower Upper
 74 100
 45 105.6 20.5 184.5





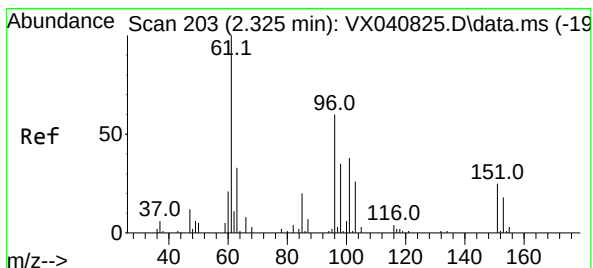
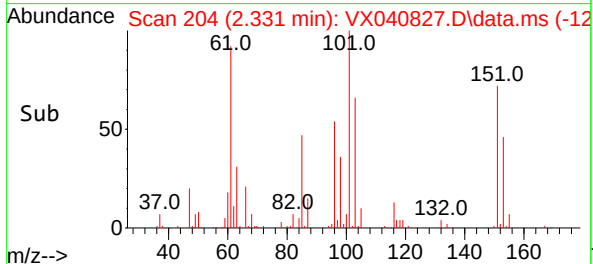
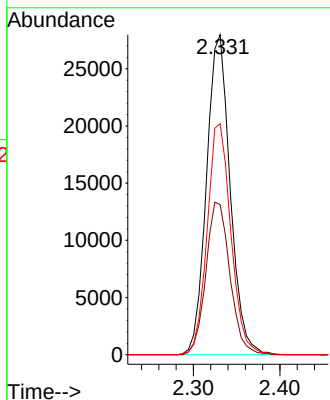
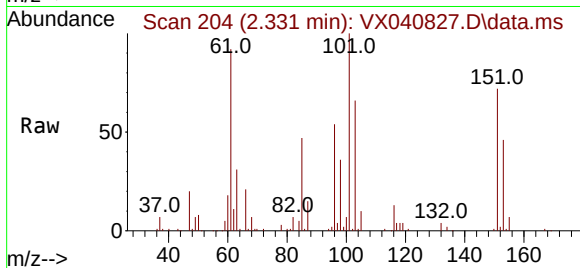
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1,1,2-Trichlorotrifluoroethane
Concen: 101.693 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 5308
Ion Ratio Lower Upper
101 100
85 48.3 0.0 95.2
151 72.5 0.0 136.8

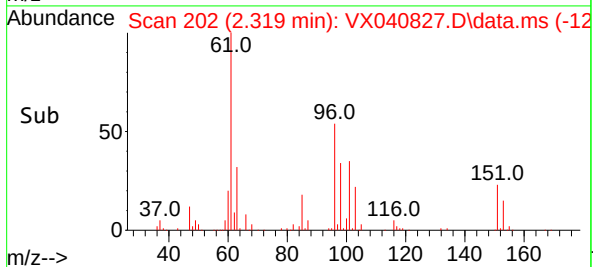
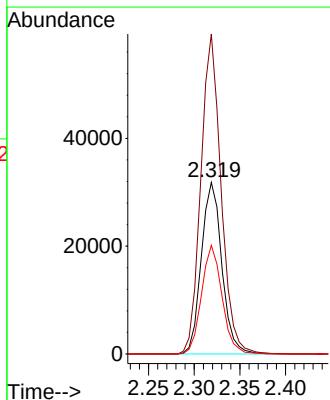
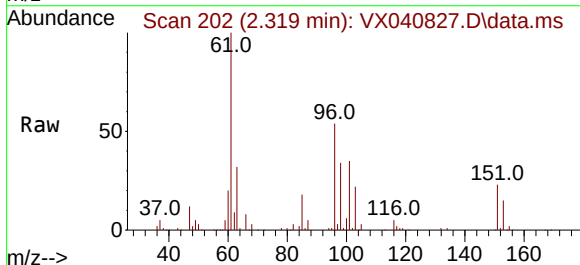
Manual Integrations
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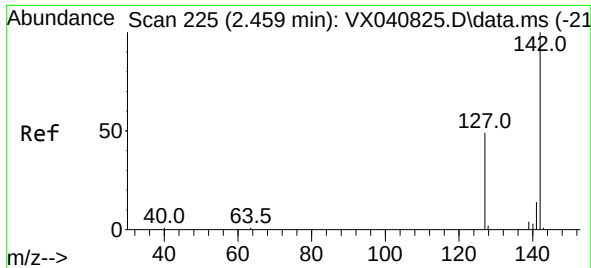
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#10
1,1-Dichloroethene
Concen: 101.472 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

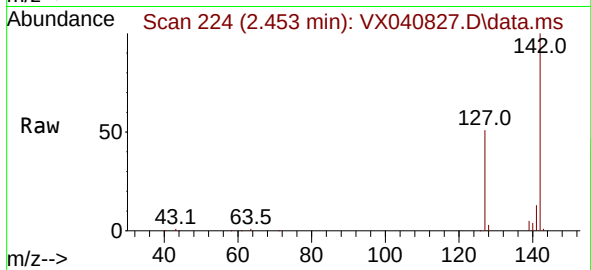
Tgt Ion: 96 Resp: 49647
Ion Ratio Lower Upper
96 100
61 186.6 138.3 207.5
98 63.3 49.8 74.6





#11
Methyl Iodide
Concen: 100.387 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

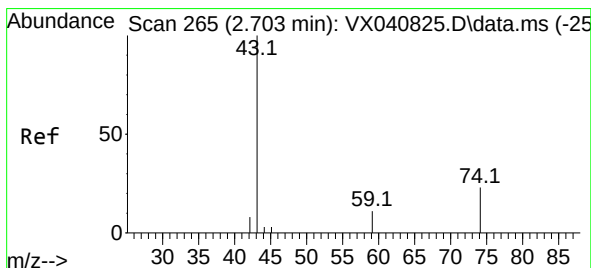
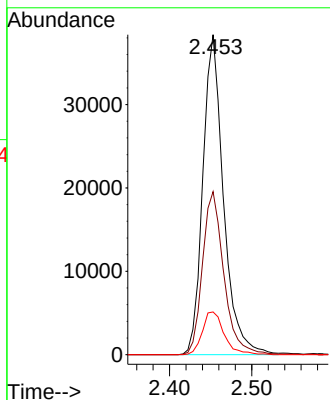
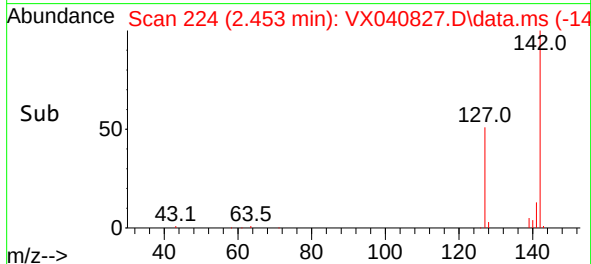
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 6713
Ion Ratio Lower Upper
142 100
127 50.9 23.8 71.4
141 13.4 6.9 20.6

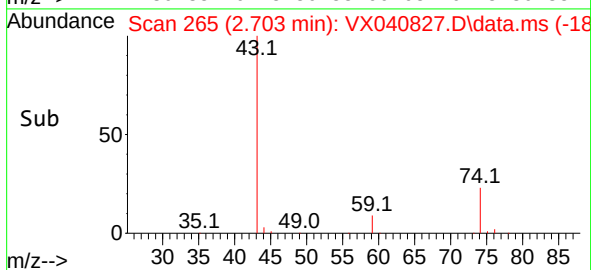
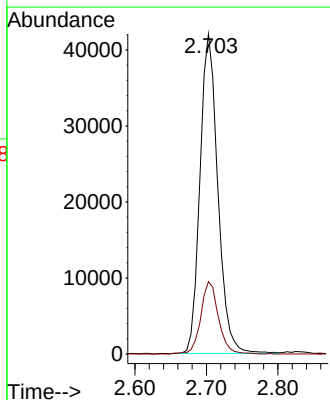
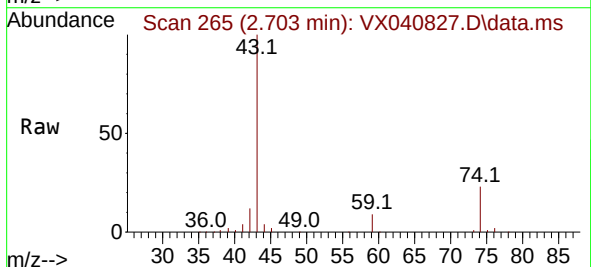
Manual Integrations
APPROVED

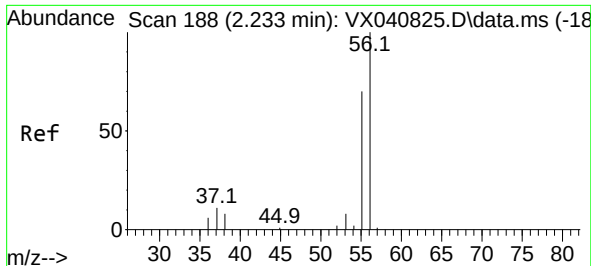
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#12
Methyl Acetate
Concen: 103.708 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

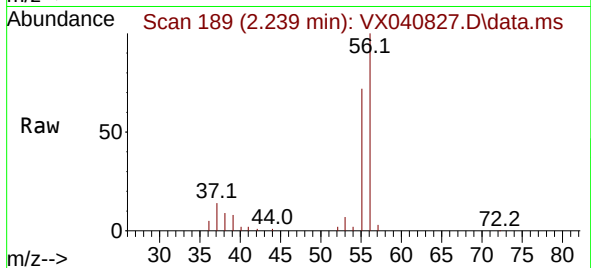
Tgt Ion: 43 Resp: 72843
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.6





#13
Acrolein
Concen: 544.206 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

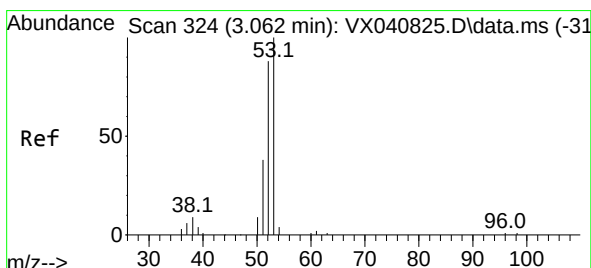
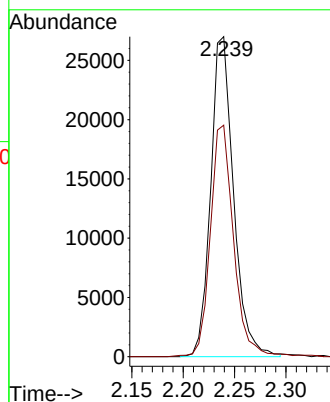
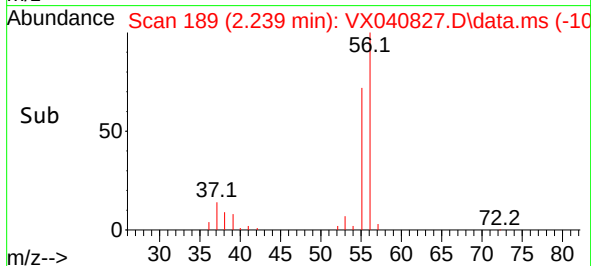
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 41875
Ion Ratio Lower Upper
56 100
55 73.2 57.2 85.8

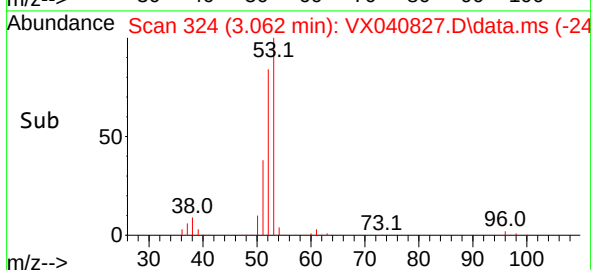
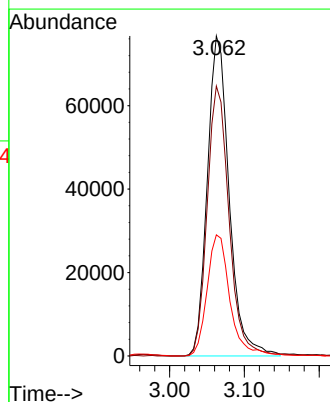
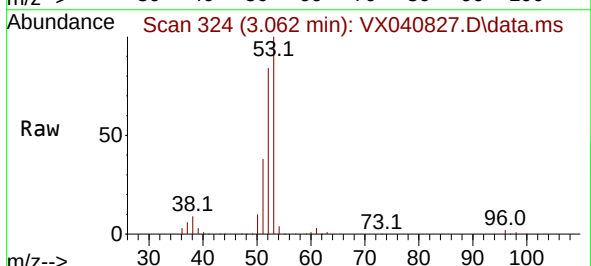
Manual Integrations
APPROVED

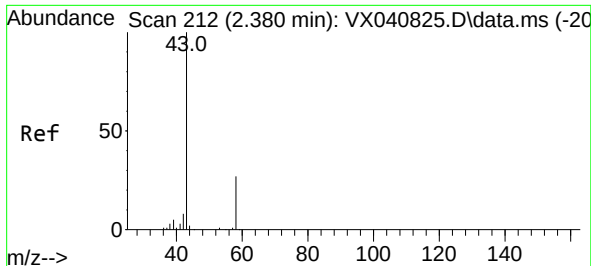
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#14
Acrylonitrile
Concen: 510.391 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

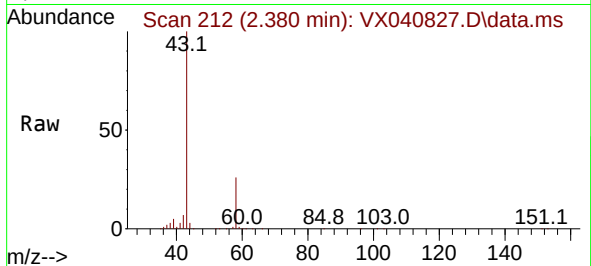
Tgt Ion: 53 Resp: 156075
Ion Ratio Lower Upper
53 100
52 84.8 41.9 125.6
51 39.6 18.3 54.9





#15
Acetone
Concen: 497.069 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

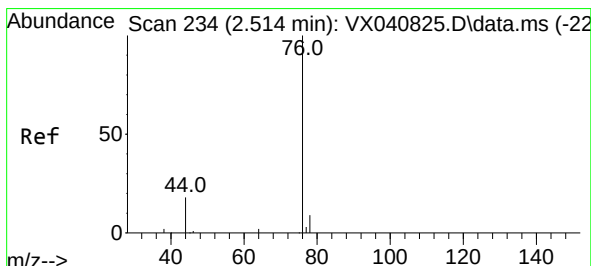
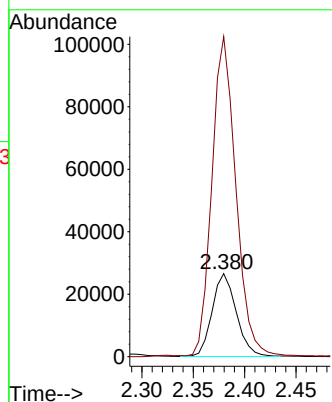
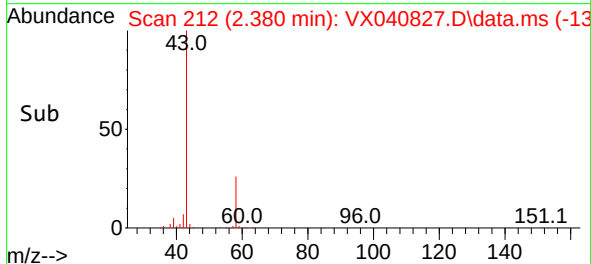
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 58 Resp: 4310
Ion Ratio Lower Upper
58 100
43 385.0 249.9 374.9

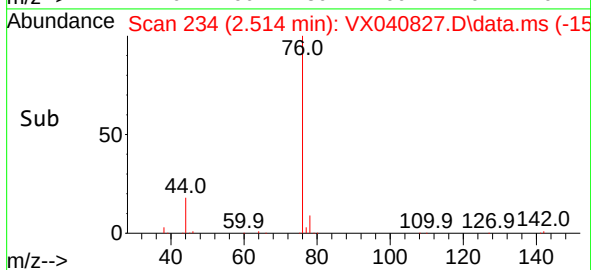
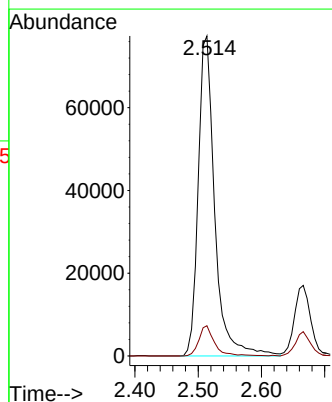
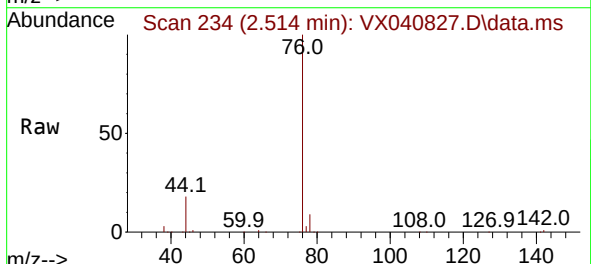
Manual Integrations
APPROVED

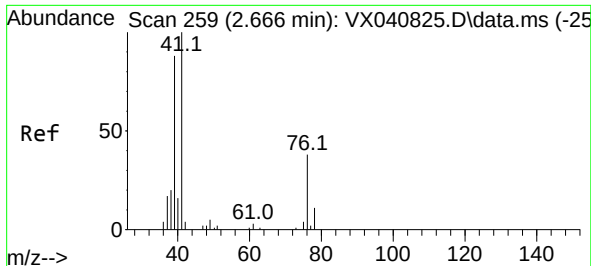
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#16
Carbon Disulfide
Concen: 102.295 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

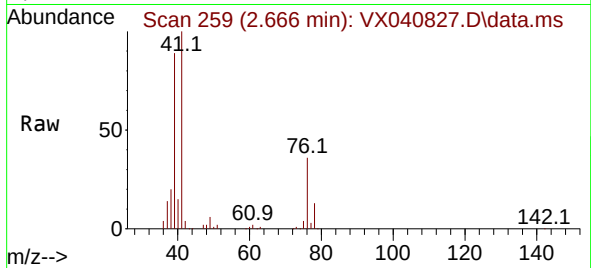
Tgt Ion: 76 Resp: 140567
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0





#17
 Allyl chloride
 Concen: 103.215 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX040827.D
 Acq: 28 Mar 2024 16:48

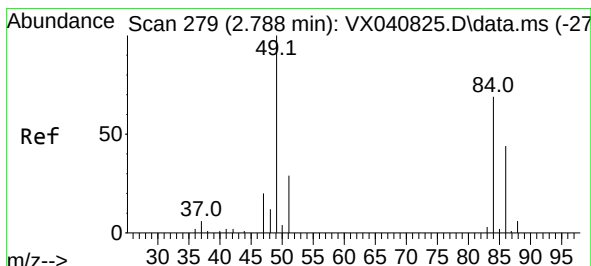
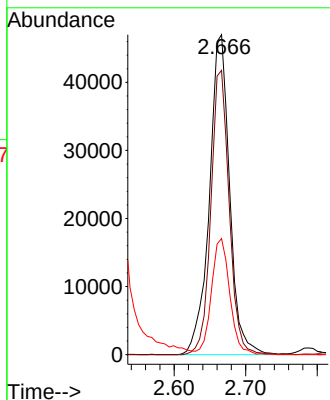
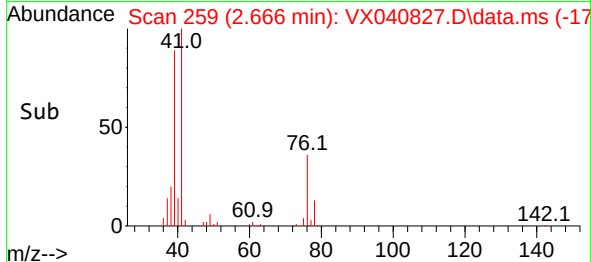
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



Tgt Ion: 41 Resp: 9271
 Ion Ratio Lower Upper
 41 100
 39 88.9 36.5 109.5
 76 36.3 19.7 59.0

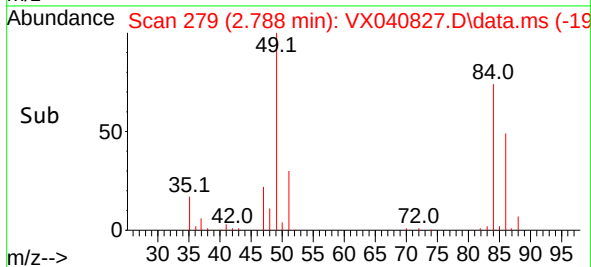
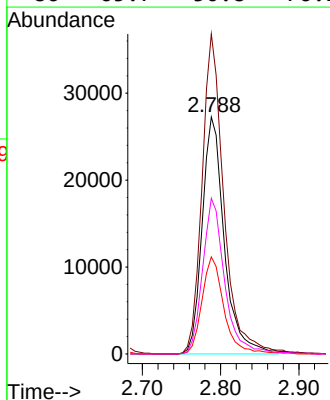
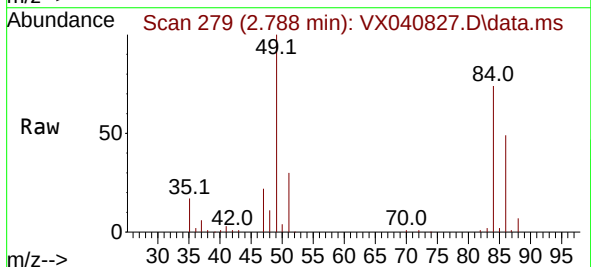
Manual Integrations
 APPROVED

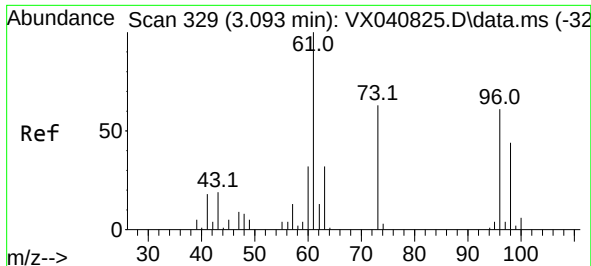
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#18
 Methylene Chloride
 Concen: 101.715 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX040827.D
 Acq: 28 Mar 2024 16:48

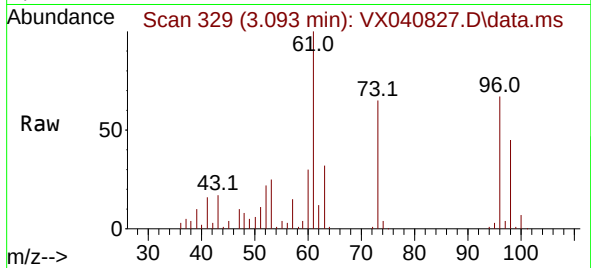
Tgt Ion: 84 Resp: 53549
 Ion Ratio Lower Upper
 84 100
 49 135.1 103.8 155.8
 51 41.0 31.8 47.6
 86 65.7 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 100.209 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

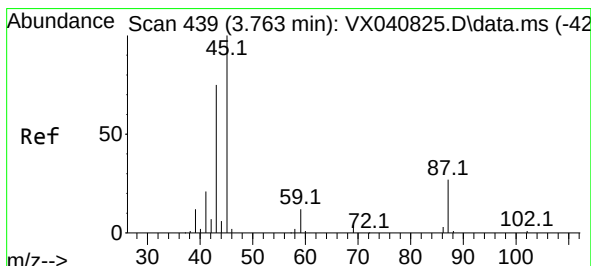
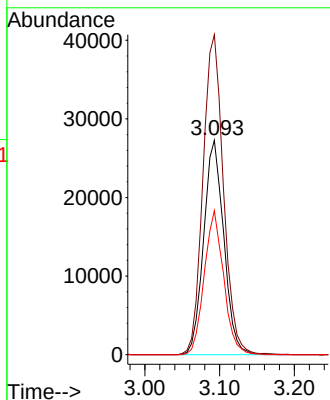
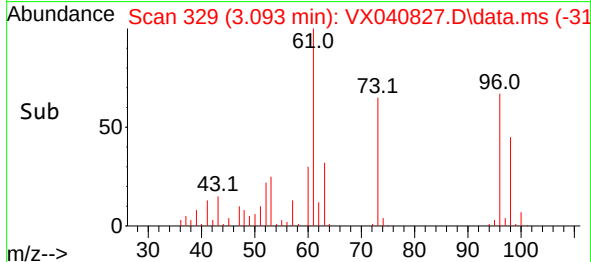
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



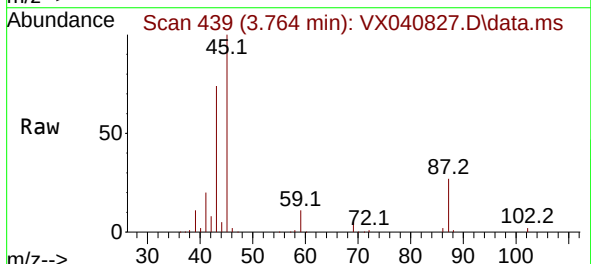
Tgt Ion: 96 Resp: 51230
Ion Ratio Lower Upper
96 100
61 149.2 117.9 176.9
98 67.1 51.0 76.6

Manual Integrations
APPROVED

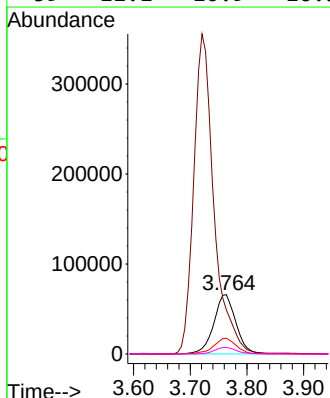
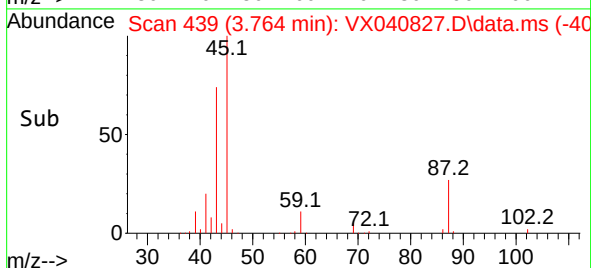
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

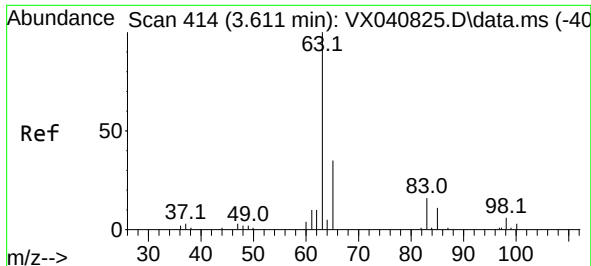


#20
Diisopropyl ether
Concen: 101.826 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48



Tgt Ion: 45 Resp: 178082
Ion Ratio Lower Upper
45 100
43 72.6 67.7 101.5
87 26.8 21.5 32.3
59 11.1 10.9 16.3





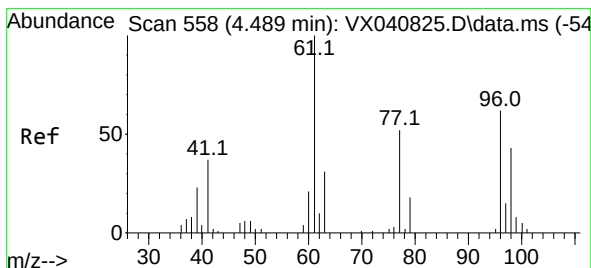
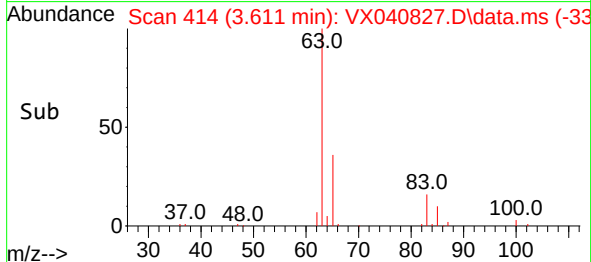
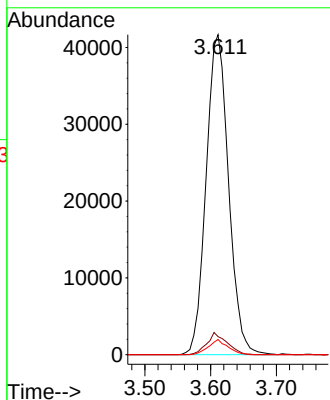
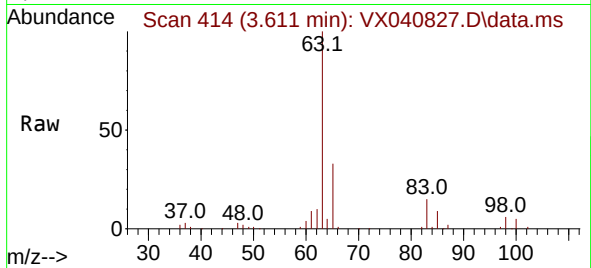
#21
1,1-Dichloroethane
Concen: 100.292 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 99018
Ion Ratio Lower Upper
63 100
98 5.6 2.9 8.8
100 4.7 2.0 5.8

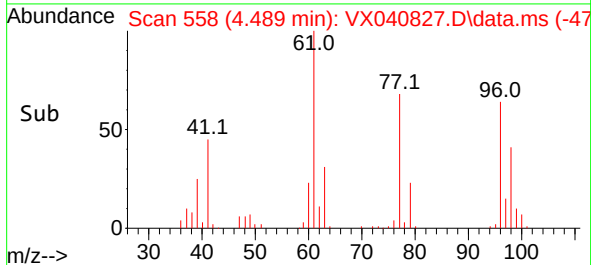
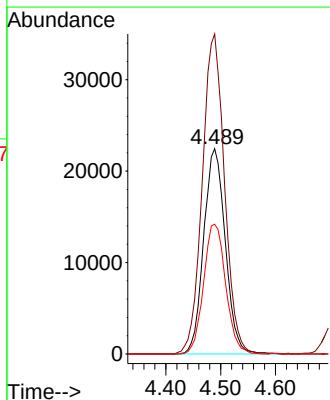
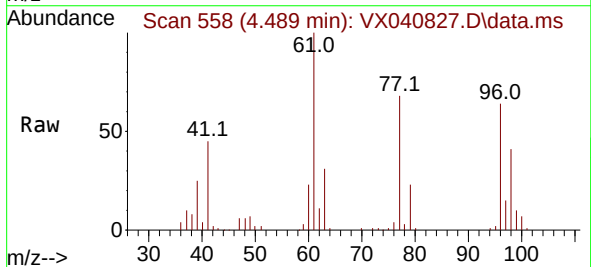
Manual Integrations
APPROVED

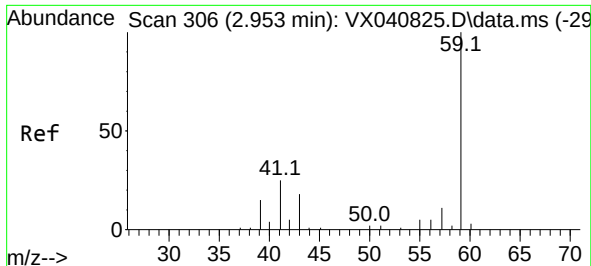
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#22
cis-1,2-Dichloroethene
Concen: 102.198 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

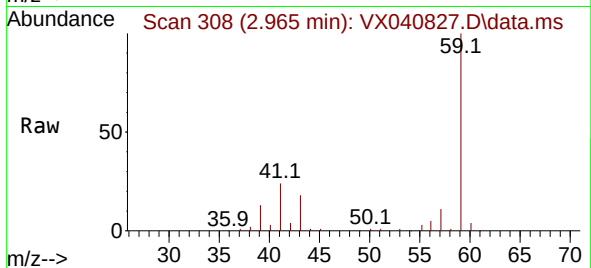
Tgt Ion: 96 Resp: 61394
Ion Ratio Lower Upper
96 100
61 159.9 119.8 179.6
98 64.6 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 518.982 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

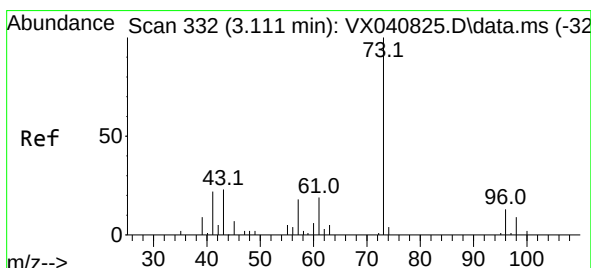
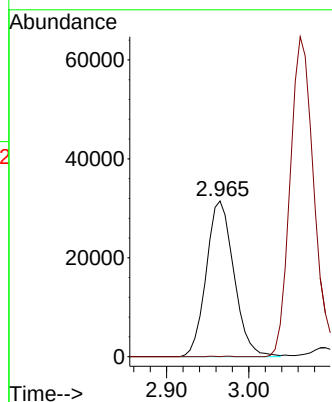
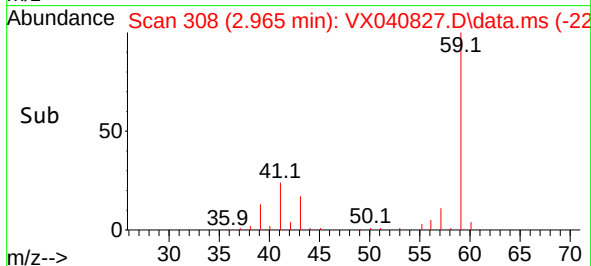
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



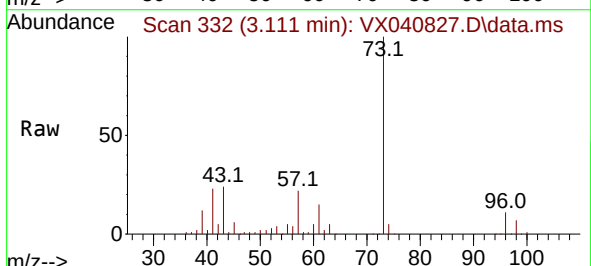
Tgt Ion: 59 Resp: 73619
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
APPROVED

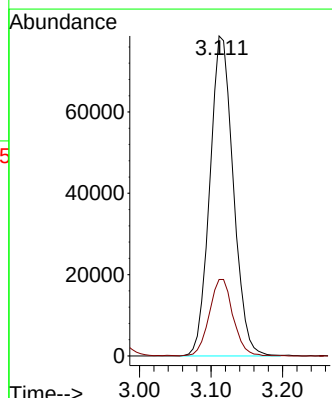
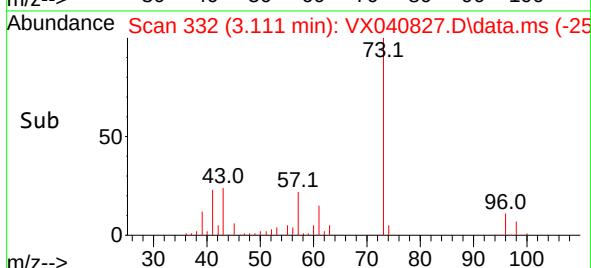
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

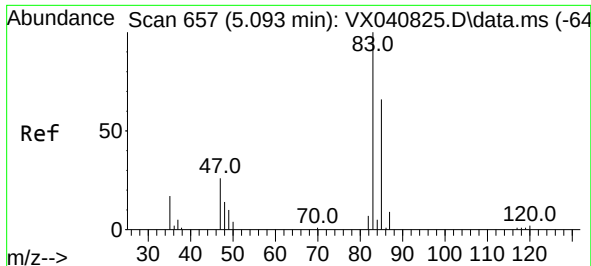


#24
Methyl tert-Butyl Ether
Concen: 103.094 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48



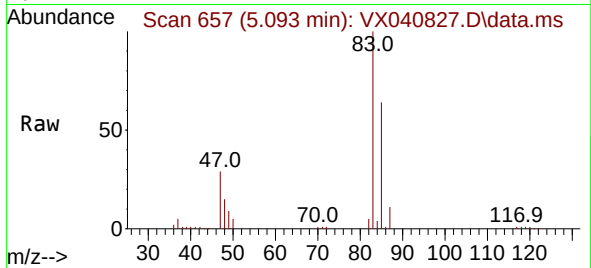
Tgt Ion: 73 Resp: 179490
Ion Ratio Lower Upper
73 100
43 23.9 17.0 25.6





#25
Chloroform
Concen: 103.587 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

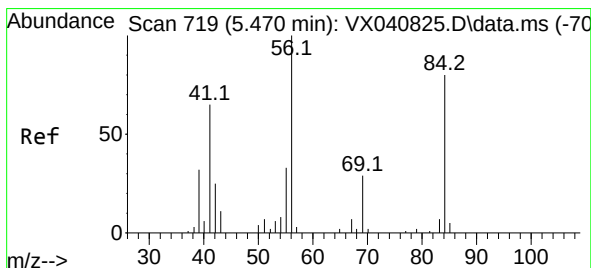
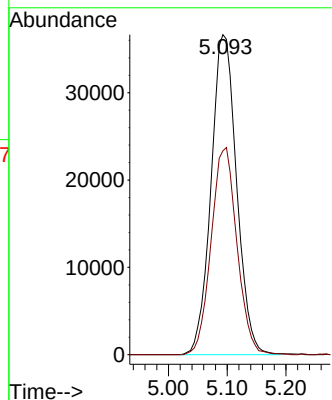
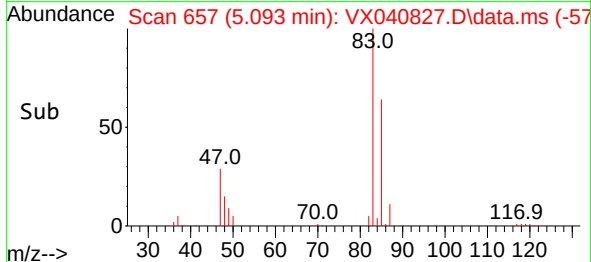
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



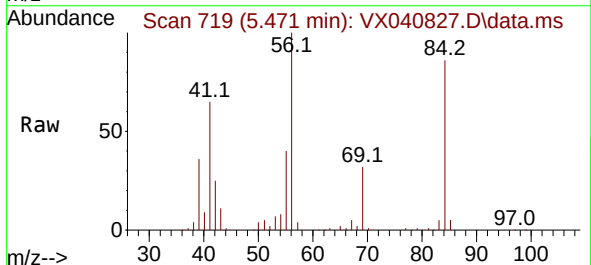
Tgt Ion: 83 Resp: 11085
Ion Ratio Lower Upper
83 100
85 63.7 54.6 81.8

Manual Integrations
APPROVED

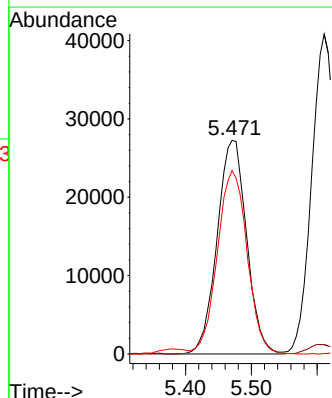
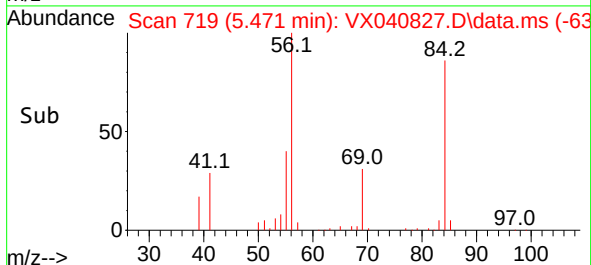
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

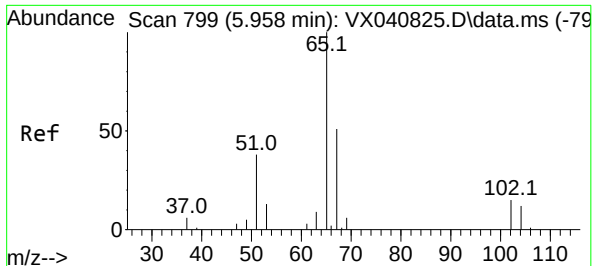


#26
Cyclohexane
Concen: 103.637 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48



Tgt Ion: 56 Resp: 85055
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.8 67.2 100.8





#27
 1,2-Dichloroethane-d4
 Concen: 28.513 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040827.D
 Acq: 28 Mar 2024 16:48

Instrument :

MSVOA_X

Client Sample Id :

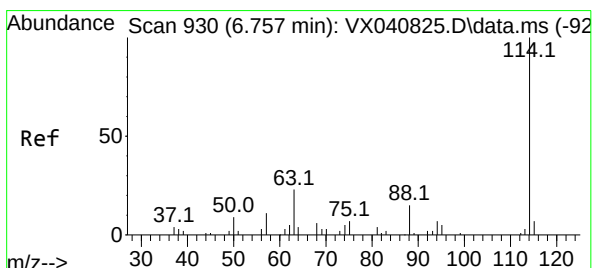
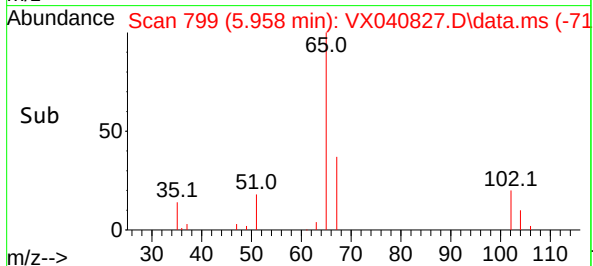
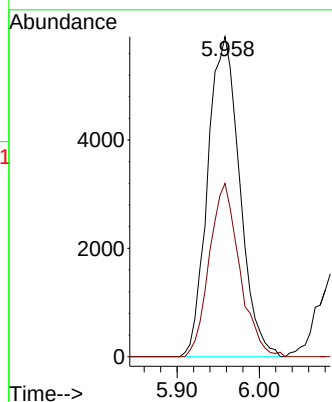
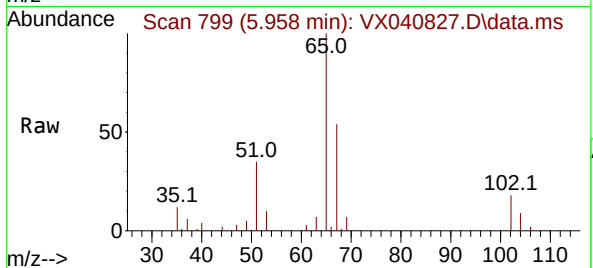
VSTDICC100

Tgt Ion: 65 Resp: 15970
 Ion Ratio Lower Upper
 65 100
 67 51.1 42.5 63.7

Manual Integrations

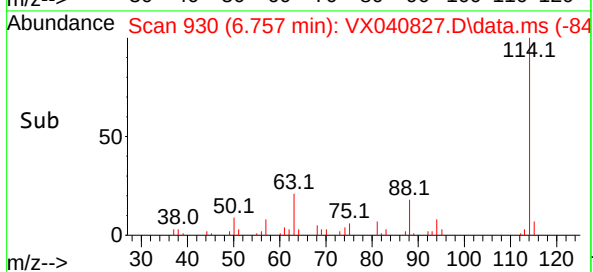
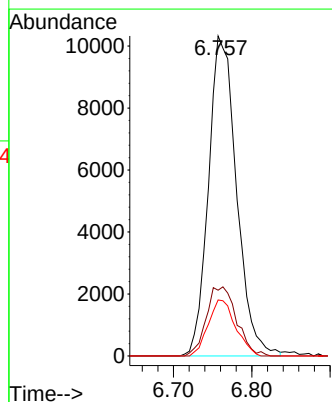
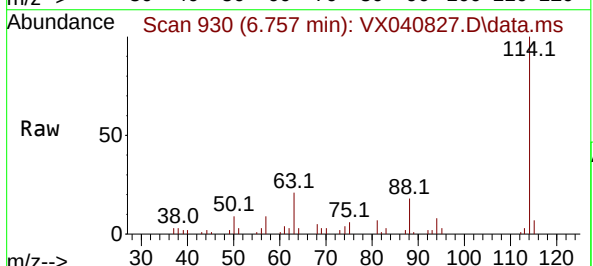
APPROVED

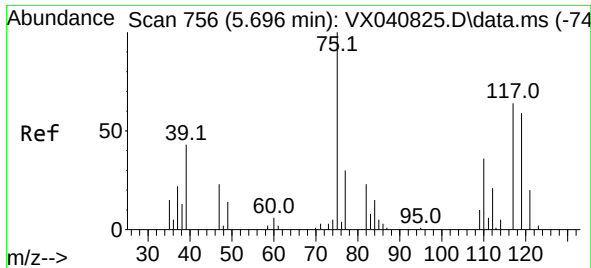
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX040827.D
 Acq: 28 Mar 2024 16:48

Tgt Ion:114 Resp: 25730
 Ion Ratio Lower Upper
 114 100
 63 23.2 17.0 25.4
 88 17.0 12.7 19.1





#29
1,1-Dichloropropene
Concen: 104.234 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :

MSVOA_X

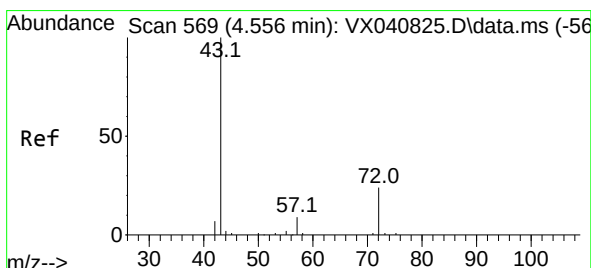
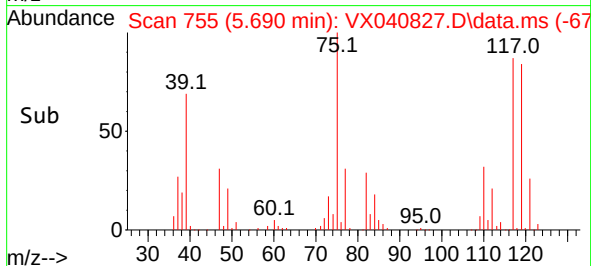
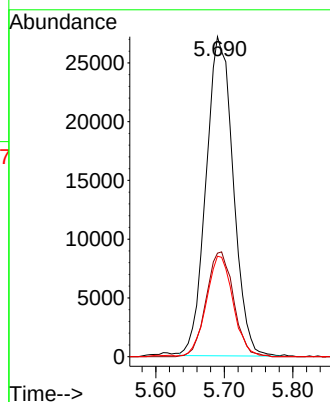
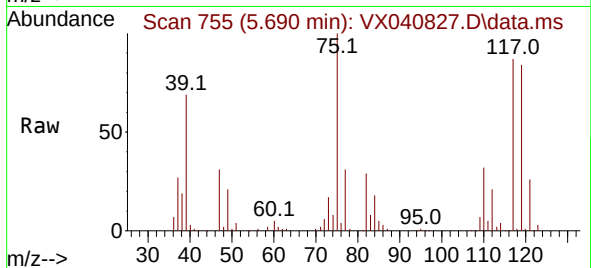
ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 7483
Ion Ratio Lower Upper
75 100
110 32.9 0.0 71.2
77 31.1 0.0 62.6

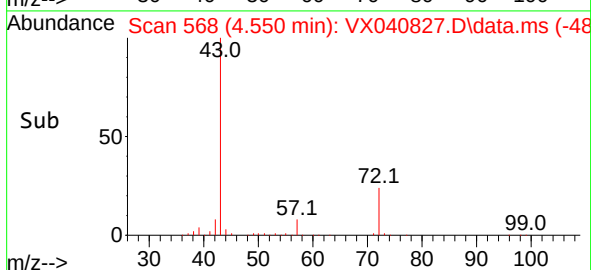
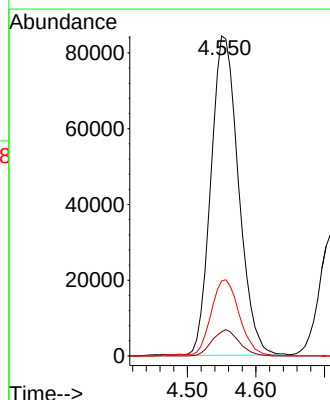
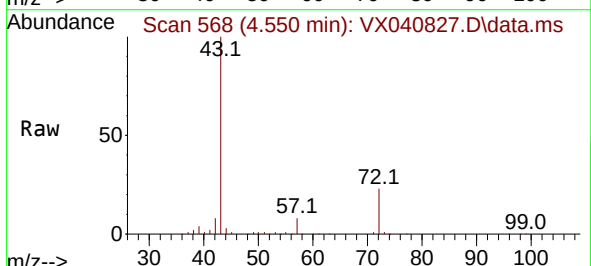
Manual Integrations
APPROVED

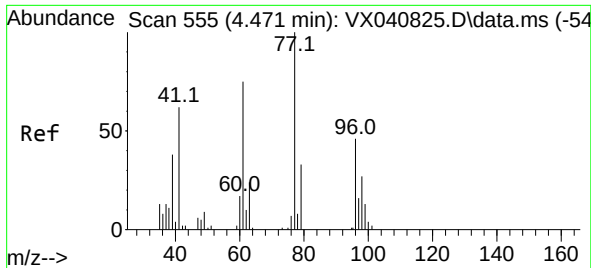
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#30
2-Butanone
Concen: 519.018 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion: 43 Resp: 235776
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 24.4 20.6 31.0





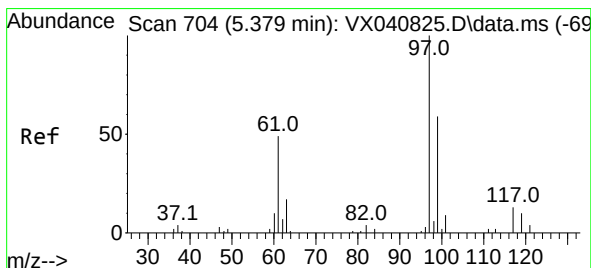
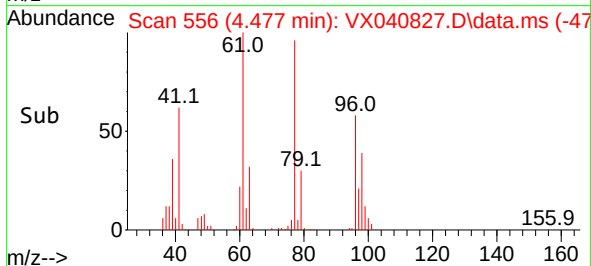
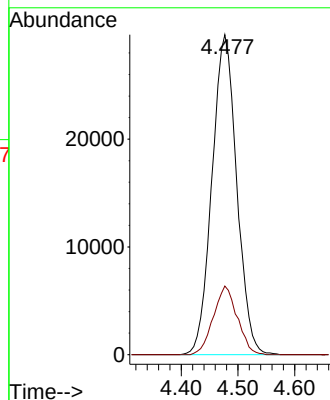
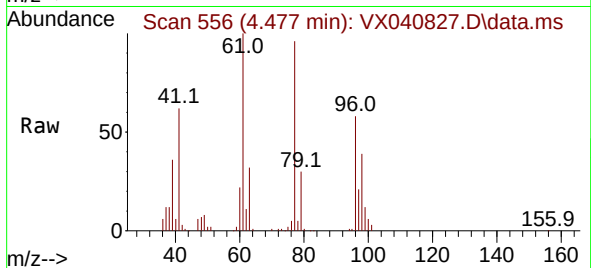
#31
2,2-Dichloropropane
Concen: 106.213 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 9006
Ion Ratio Lower Upper
77 100
97 20.7 18.2 27.4

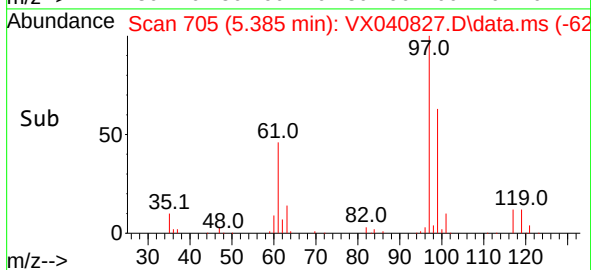
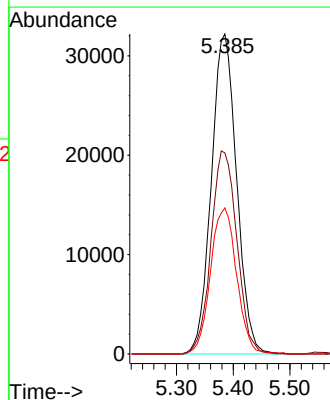
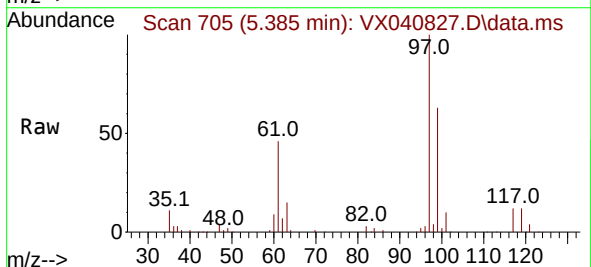
Manual Integrations
APPROVED

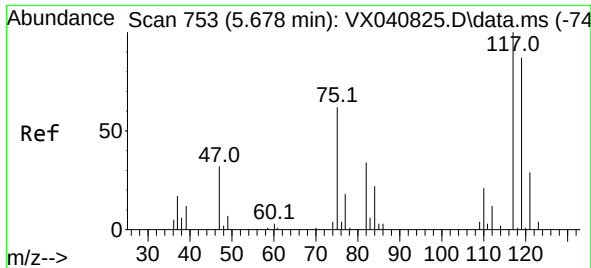
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#32
1,1,1-Trichloroethane
Concen: 105.403 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

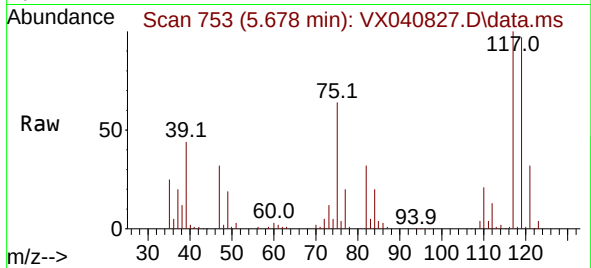
Tgt Ion: 97 Resp: 99918
Ion Ratio Lower Upper
97 100
99 64.8 52.6 79.0
61 47.0 36.9 55.3





#33
Carbon Tetrachloride
Concen: 106.807 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

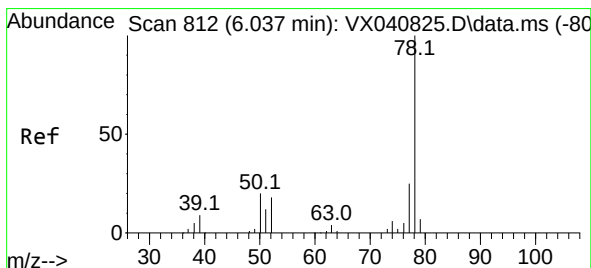
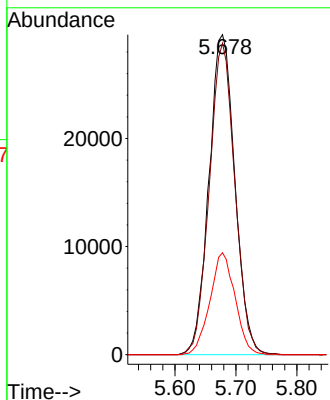
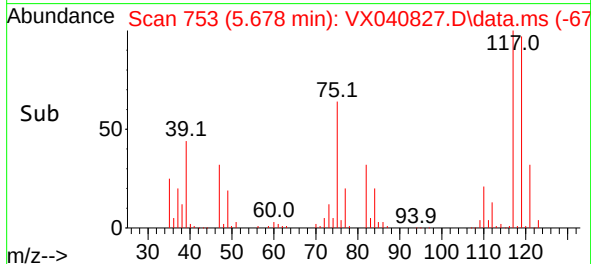
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



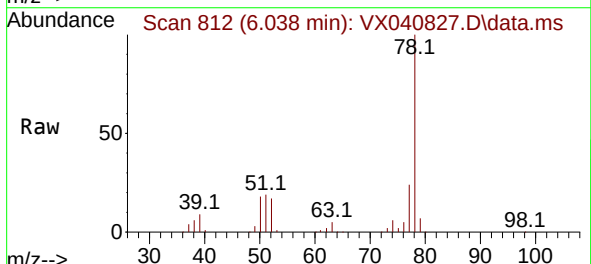
Tgt Ion:117 Resp: 87390
Ion Ratio Lower Upper
117 100
119 97.3 78.2 117.4
121 31.9 24.7 37.1

Manual Integrations
APPROVED

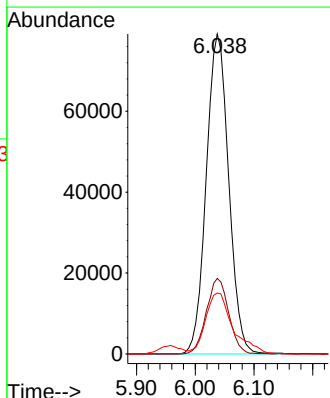
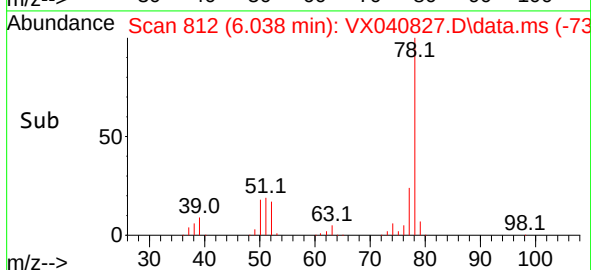
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

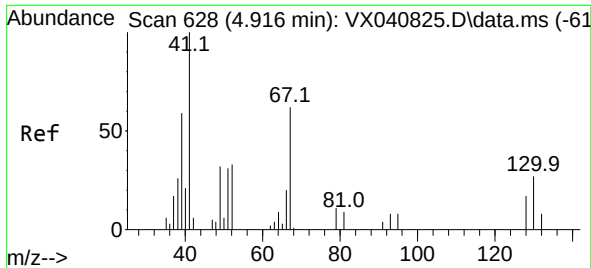


#34
Benzene
Concen: 101.864 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48



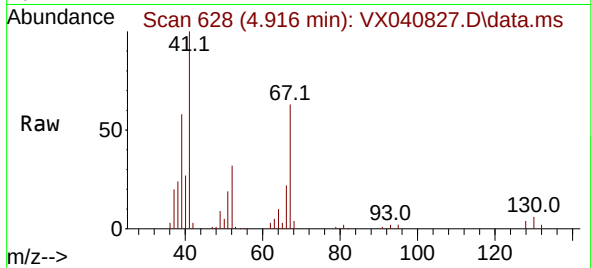
Tgt Ion: 78 Resp: 209788
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9
51 18.9 14.4 21.6





#35
Methacrylonitrile
Concen: 103.576 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

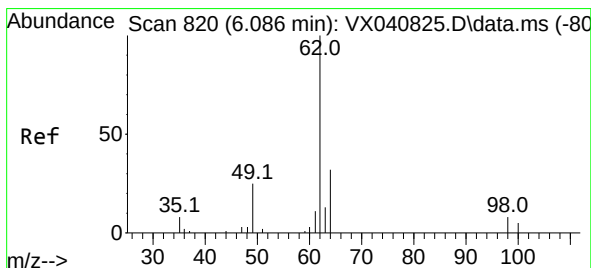
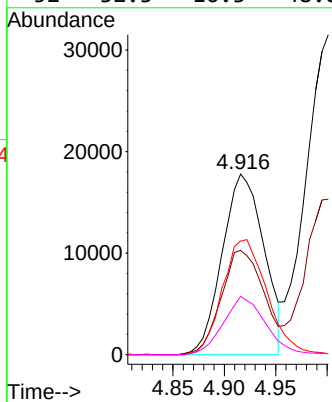
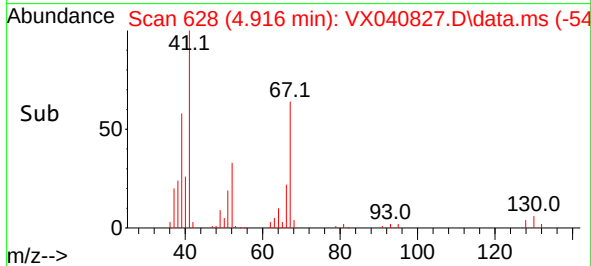
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 50189
Ion Ratio Lower Upper
41 100
39 57.8 28.2 84.7
67 62.8 34.5 103.5
52 32.3 16.3 48.8

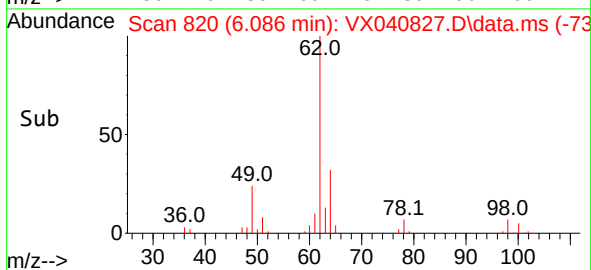
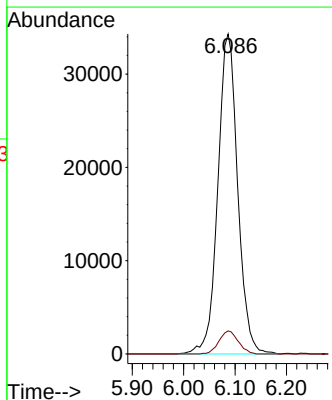
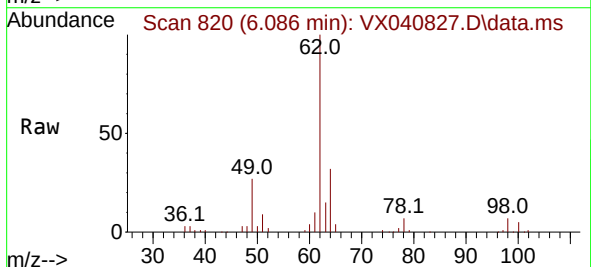
Manual Integrations
APPROVED

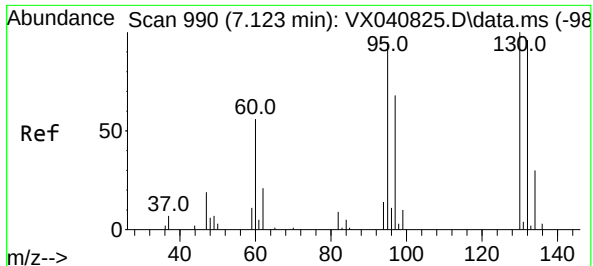
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#36
1,2-Dichloroethane
Concen: 102.684 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

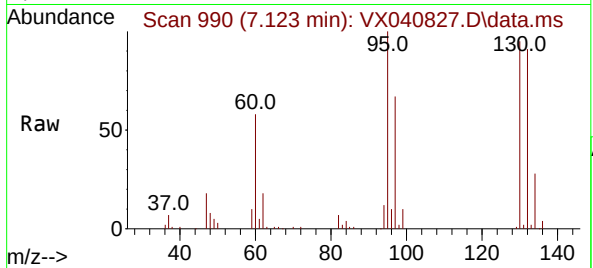
Tgt Ion: 62 Resp: 91887
Ion Ratio Lower Upper
62 100
98 7.0 7.0 10.4





#37
Trichloroethene
Concen: 106.540 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

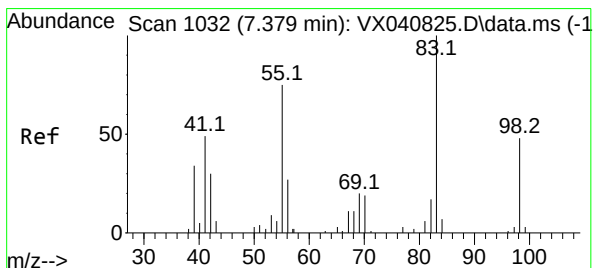
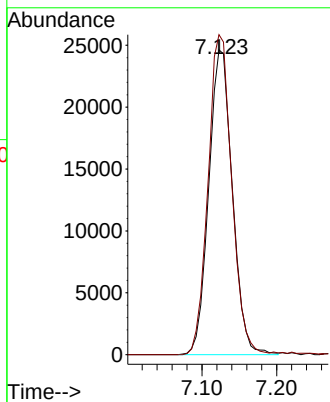
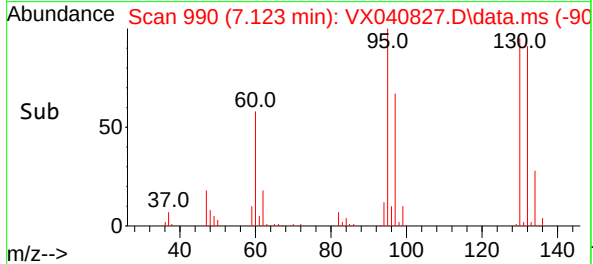
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



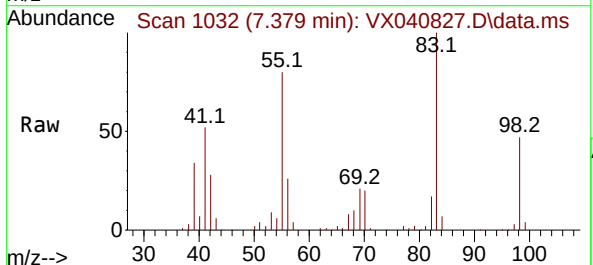
Tgt Ion:130 Resp: 5420
Ion Ratio Lower Upper
130 100
95 105.0 85.8 128.8

Manual Integrations
APPROVED

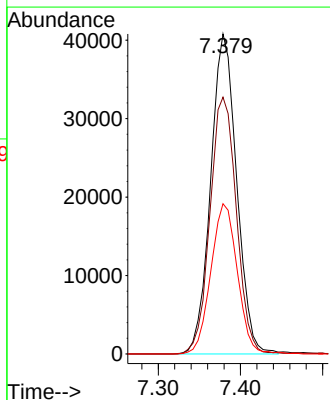
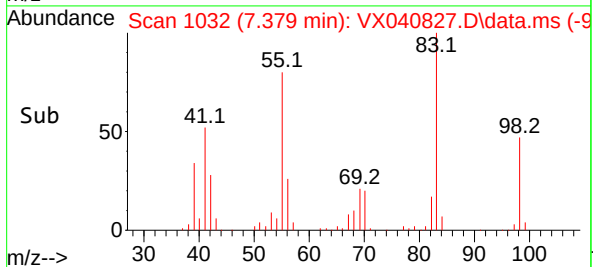
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

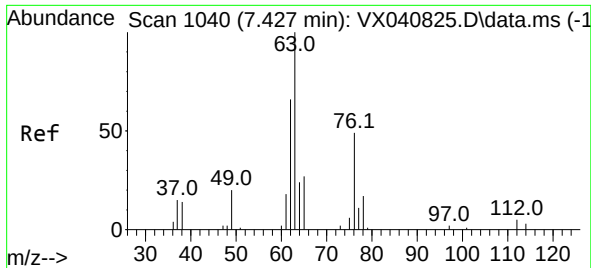


#38
Methylcyclohexane
Concen: 105.881 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48



Tgt Ion: 83 Resp: 89746
Ion Ratio Lower Upper
83 100
55 81.3 38.6 116.0
98 47.7 22.3 66.8





#39

1,2-Dichloropropane

Concen: 107.549 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 5262

Ion Ratio Lower Upper

63 100

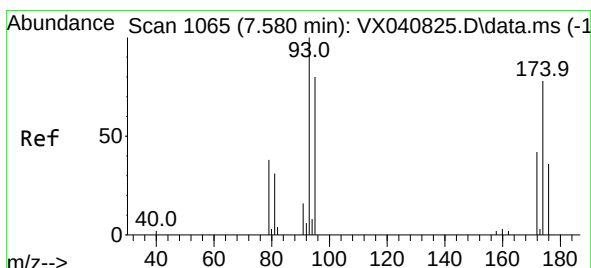
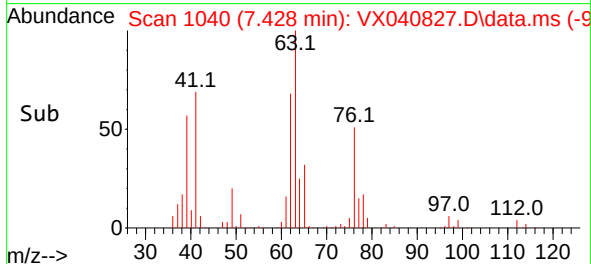
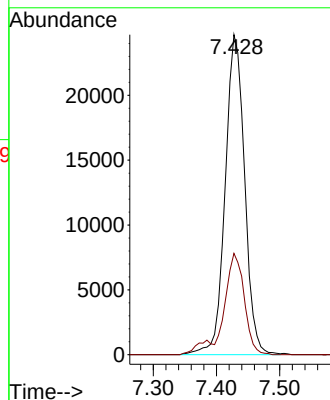
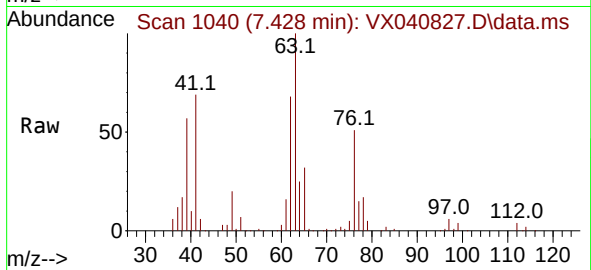
65 31.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#40

Dibromomethane

Concen: 105.972 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

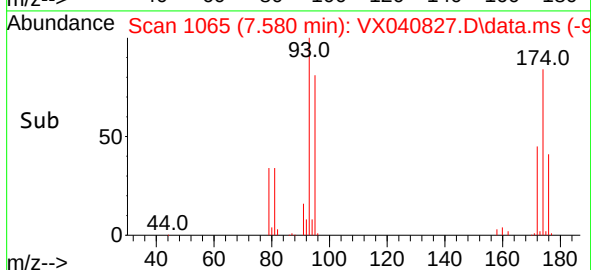
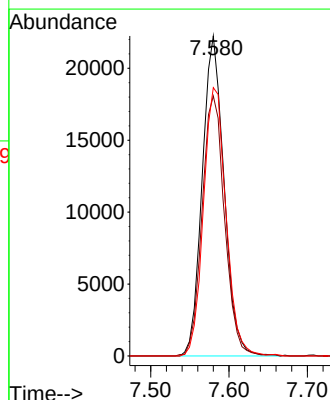
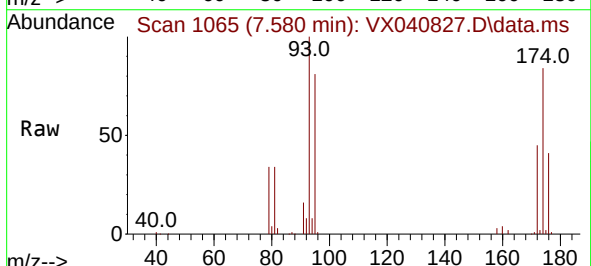
Tgt Ion: 93 Resp: 42994

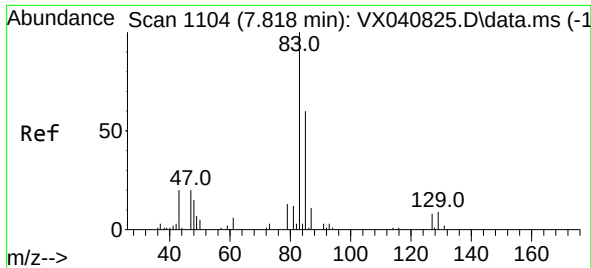
Ion Ratio Lower Upper

93 100

95 83.5 0.0 163.4

174 86.7 0.0 166.4





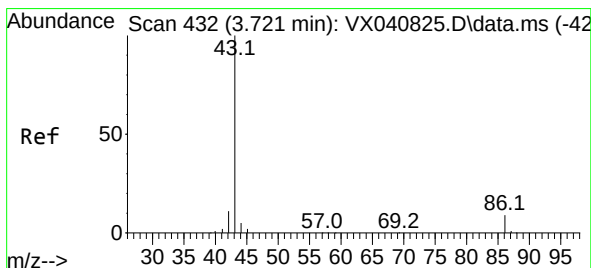
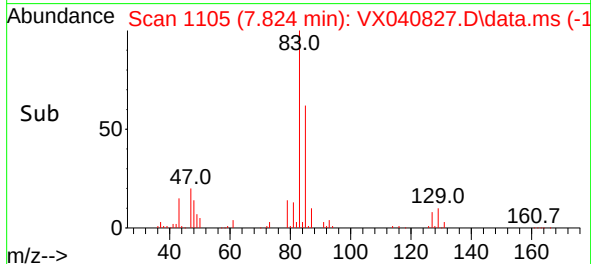
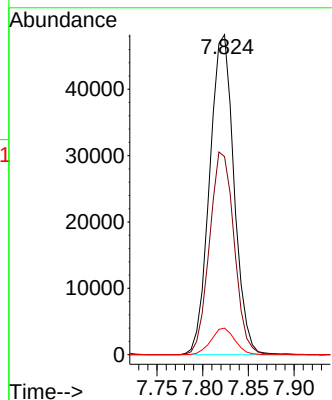
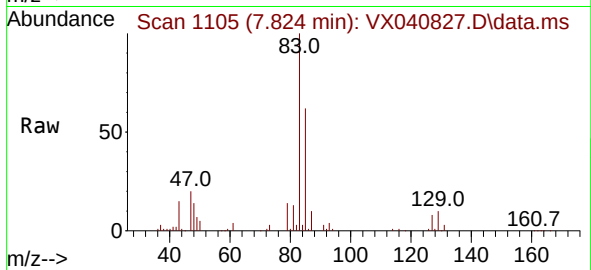
#41
Bromodichloromethane
Concen: 108.591 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 89439
Ion Ratio Lower Upper
83 100
85 61.9 50.8 76.2
127 8.3 5.9 8.9

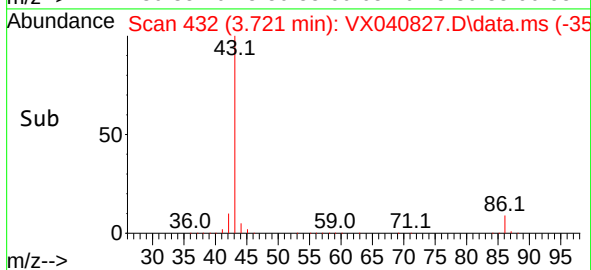
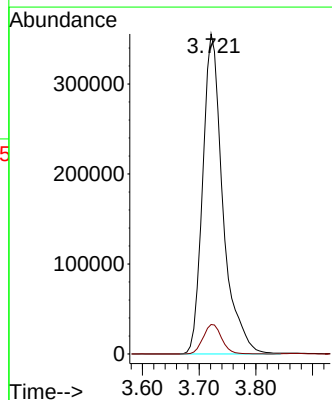
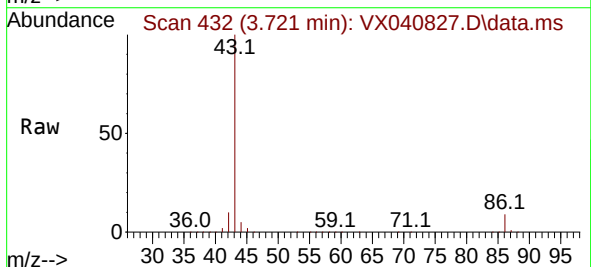
Manual Integrations
APPROVED

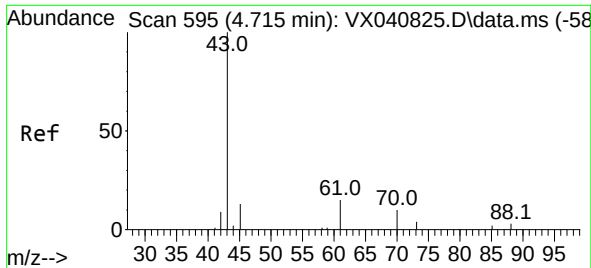
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#42
Vinyl Acetate
Concen: 523.849 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion: 43 Resp: 879584
Ion Ratio Lower Upper
43 100
86 8.4 6.7 10.1





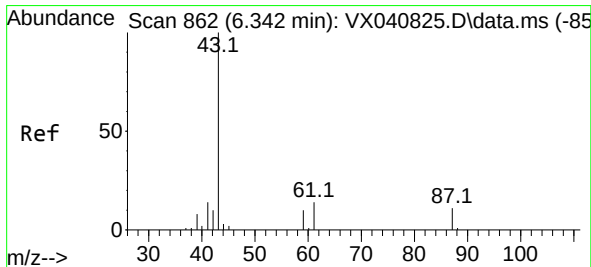
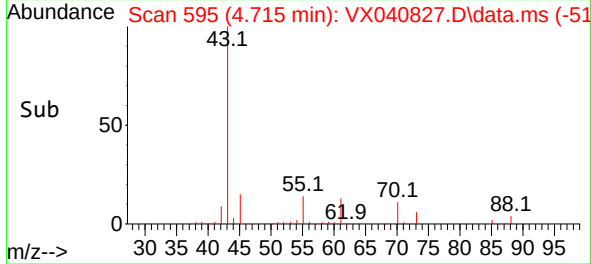
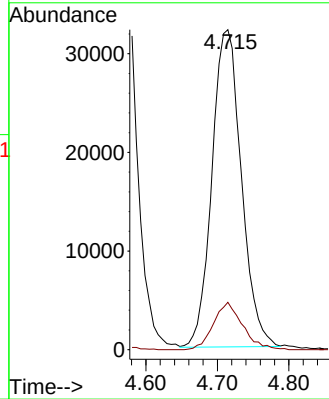
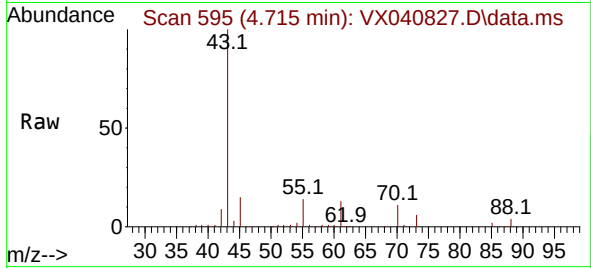
#43
Ethyl Acetate
Concen: 102.384 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 91828
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.8

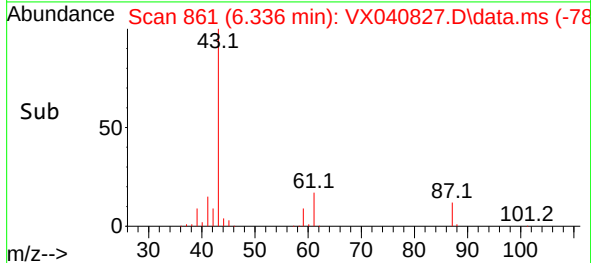
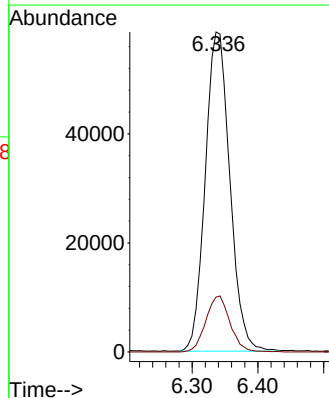
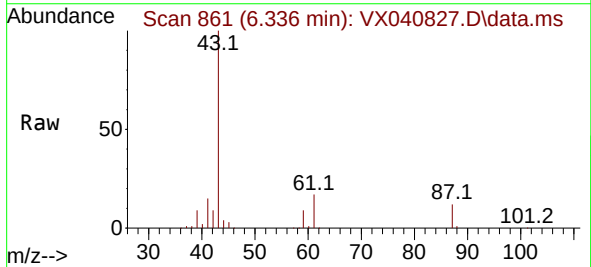
Manual Integrations
APPROVED

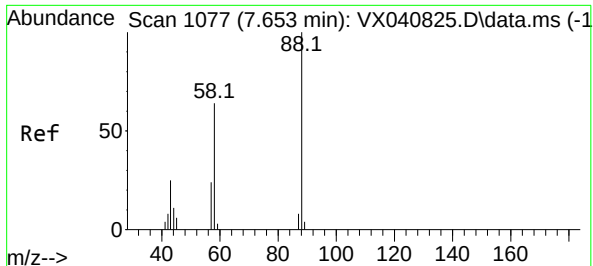
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#44
Isopropyl Acetate
Concen: 107.771 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

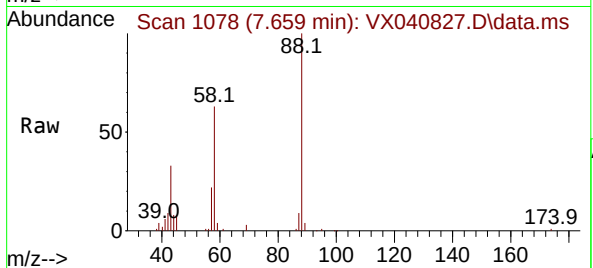
Tgt Ion: 43 Resp: 152243
Ion Ratio Lower Upper
43 100
61 17.2 15.6 23.4





#45
1,4-Dioxane
Concen: 2211.365 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

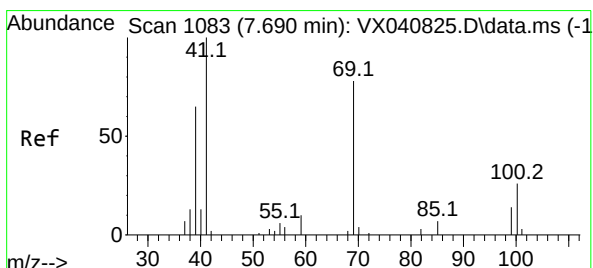
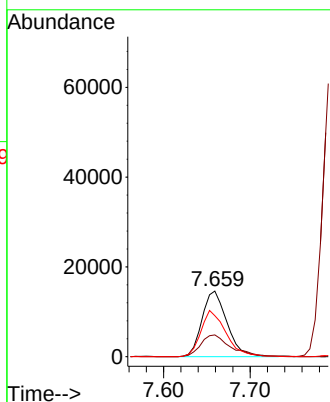
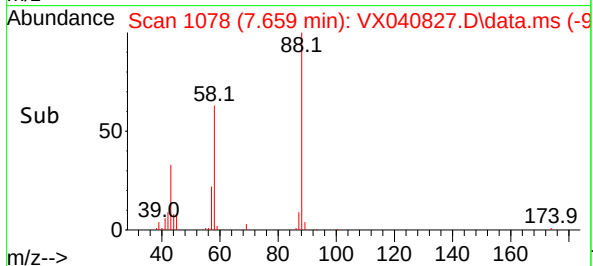
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 2925
Ion Ratio Lower Upper
88 100
43 39.9 28.1 42.1
58 70.2 57.7 86.5

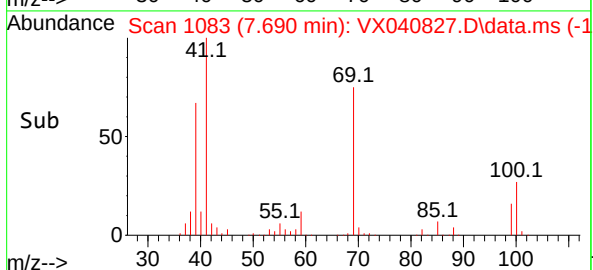
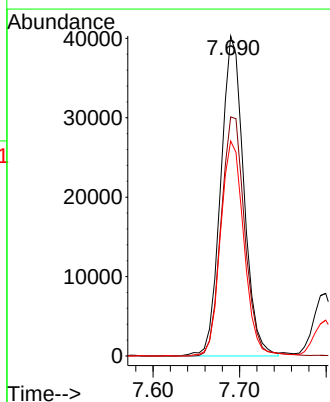
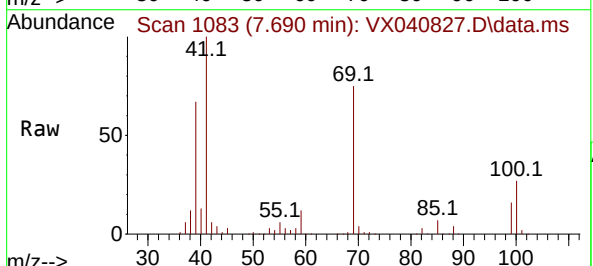
Manual Integrations
APPROVED

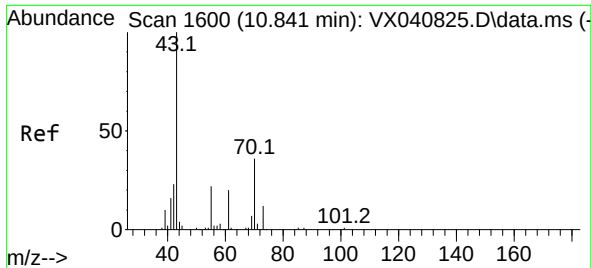
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#46
Methyl methacrylate
Concen: 109.367 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion: 41 Resp: 74382
Ion Ratio Lower Upper
41 100
69 74.7 39.6 118.8
39 67.1 30.1 90.3





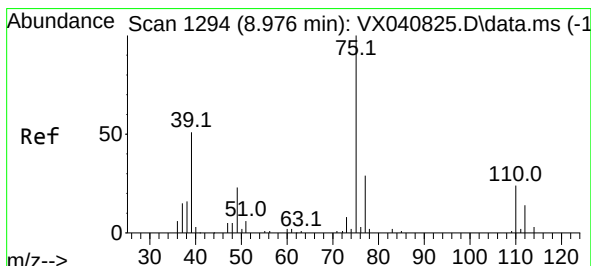
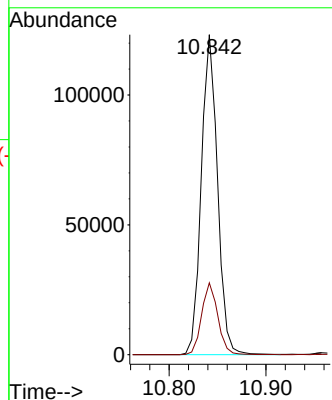
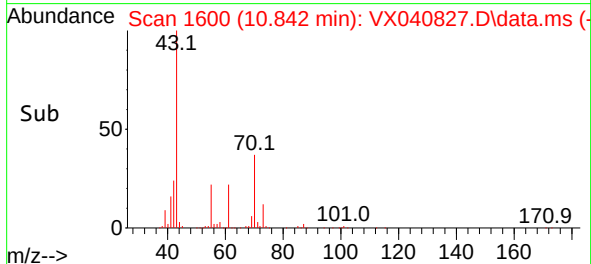
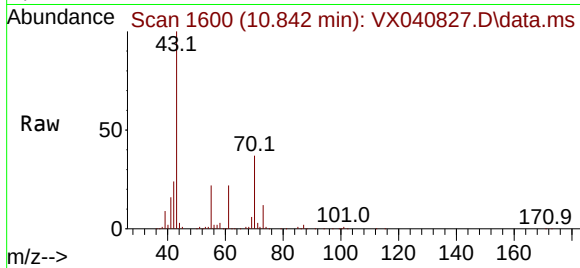
#47
n-amy1 Acetate
Concen: 112.887 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 14359
Ion Ratio Lower Upper
43 100
55 22.4 18.2 27.2

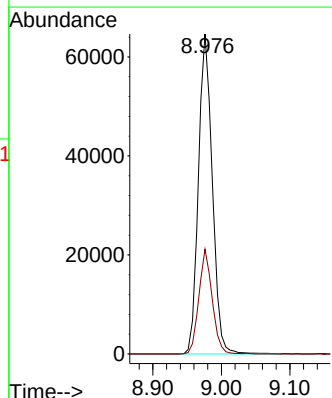
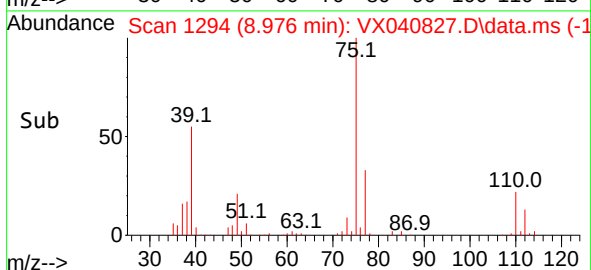
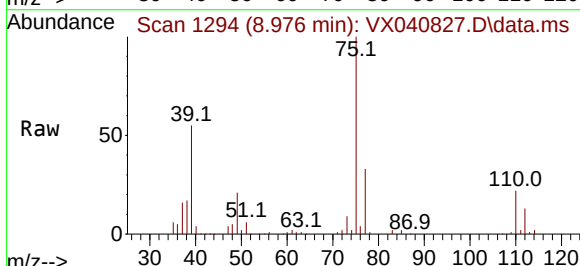
Manual Integrations
APPROVED

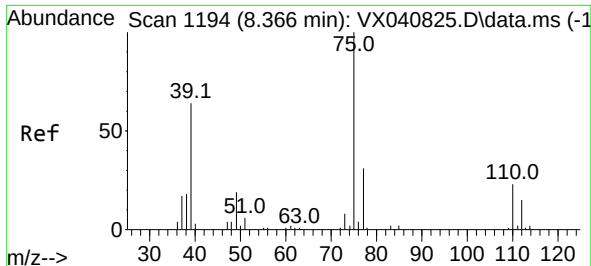
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#48
t-1,3-Dichloropropene
Concen: 111.759 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion: 75 Resp: 91315
Ion Ratio Lower Upper
75 100
77 32.7 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 109.755 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 9264

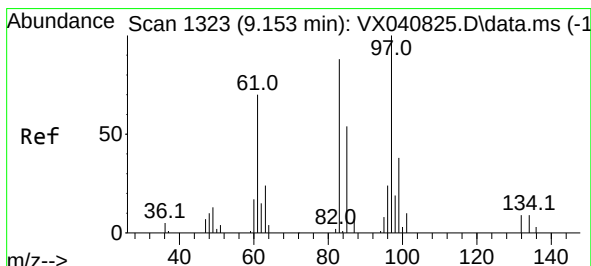
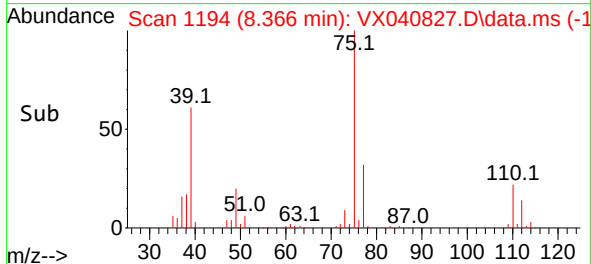
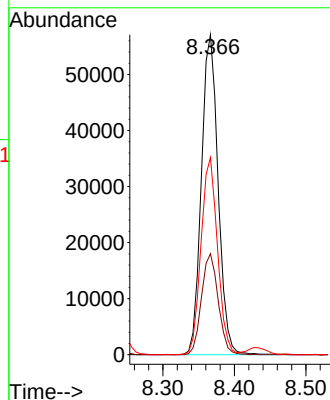
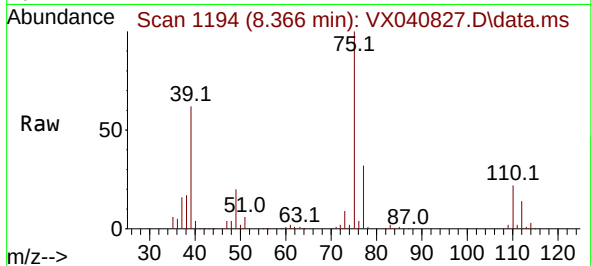
Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.4	36.6
39	61.5	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#50

1,1,2-Trichloroethane

Concen: 106.361 ug/l

RT: 9.153 min Scan# 1323

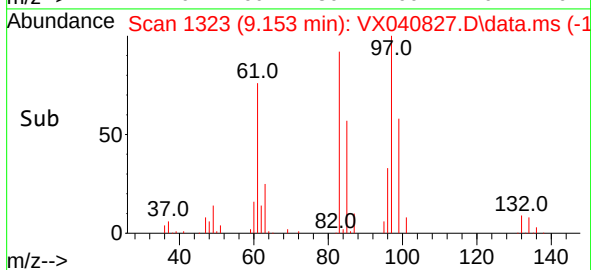
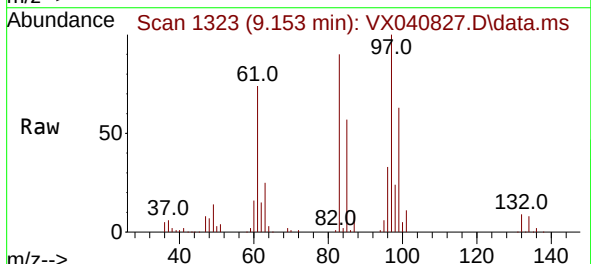
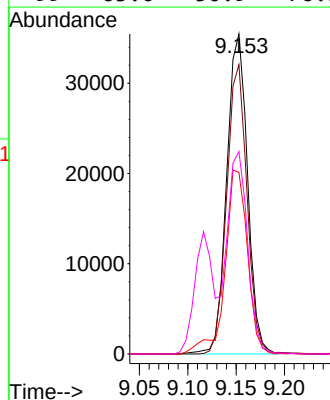
Delta R.T. 0.000 min

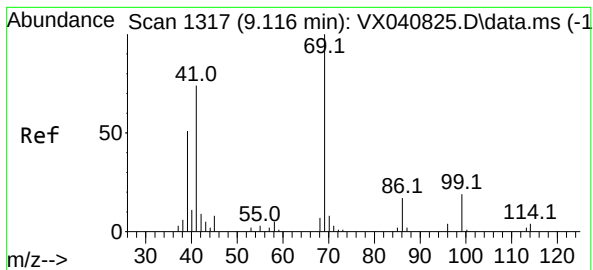
Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Tgt Ion: 97 Resp: 52919

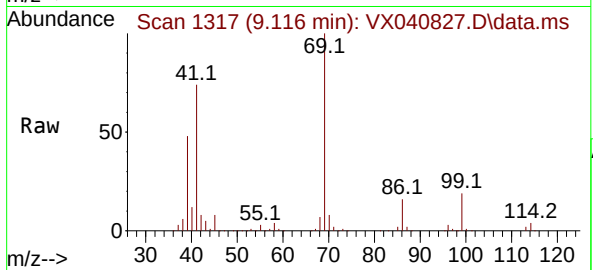
Ion	Ratio	Lower	Upper
97	100		
83	90.4	69.0	103.6
85	56.7	46.3	69.5
99	63.0	50.9	76.3





#51
Ethyl methacrylate
Concen: 113.349 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

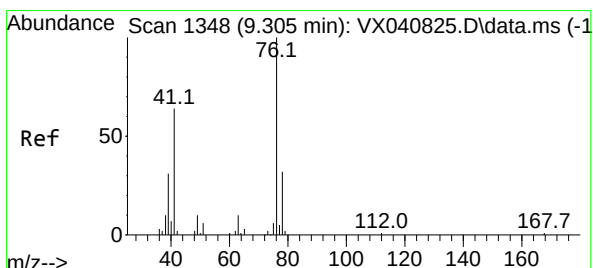
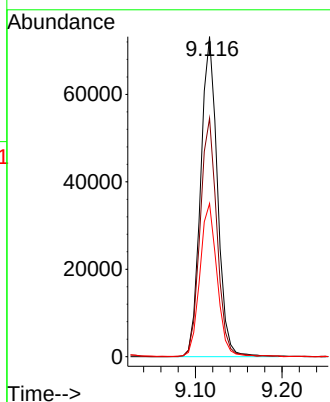
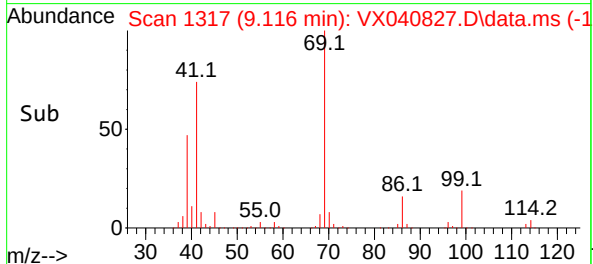
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



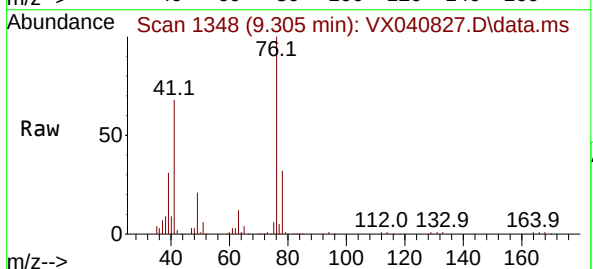
Tgt Ion: 69 Resp: 98499
Ion Ratio Lower Upper
69 100
41 74.4 36.2 108.6
39 47.7 21.1 63.4

Manual Integrations
APPROVED

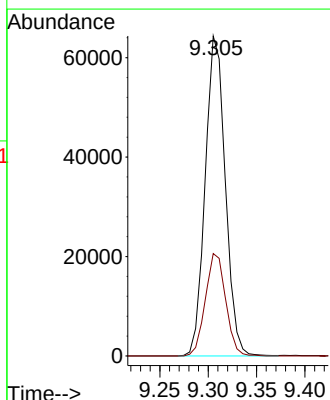
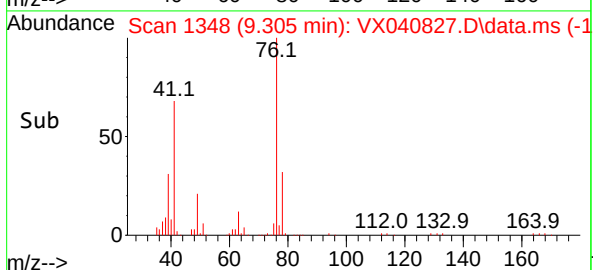
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

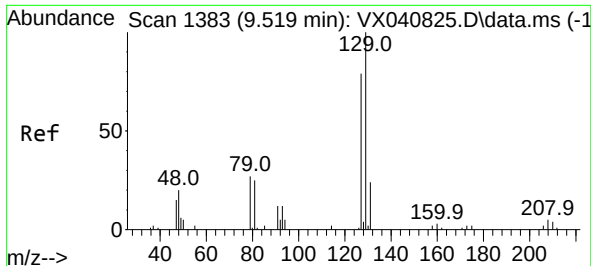


#52
1,3-Dichloropropane
Concen: 109.071 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48



Tgt Ion: 76 Resp: 93272
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0





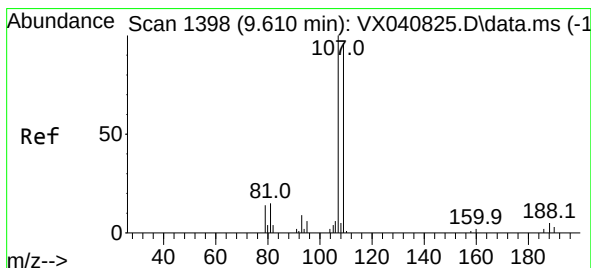
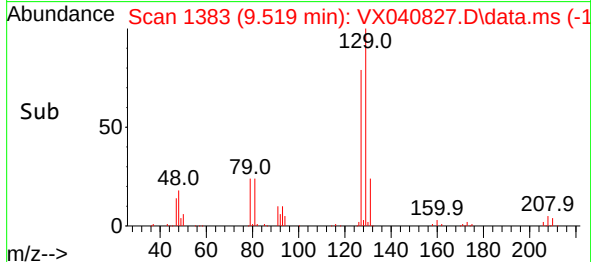
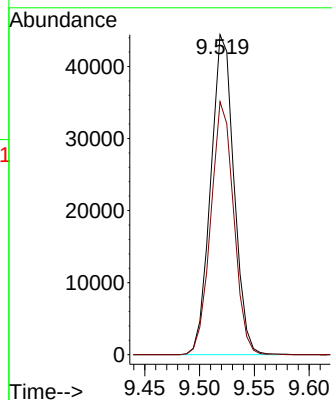
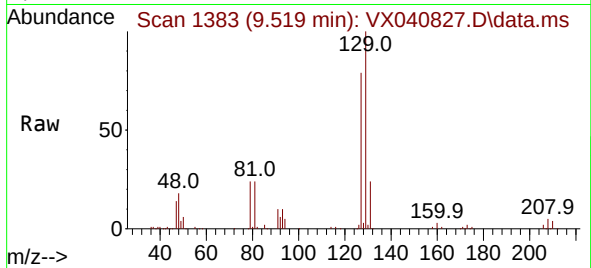
#53
Dibromochloromethane
Concen: 109.702 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 65398
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9

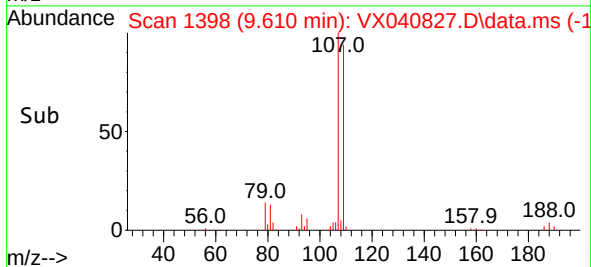
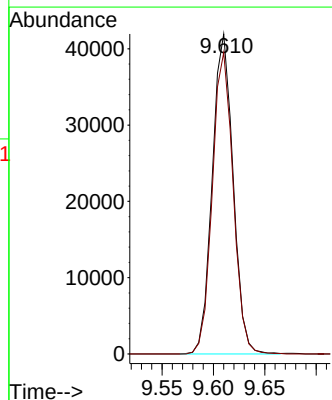
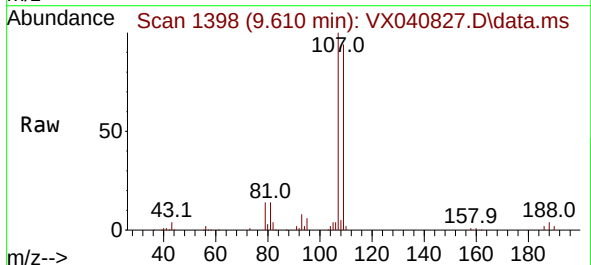
Manual Integrations
APPROVED

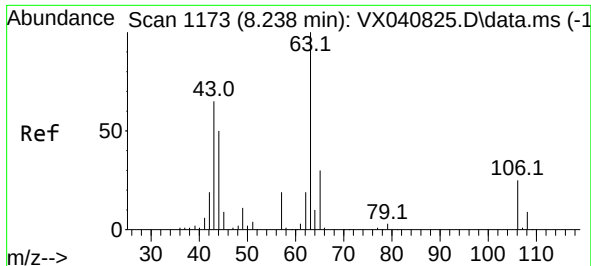
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#54
1,2-Dibromoethane
Concen: 107.198 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion:107 Resp: 59034
Ion Ratio Lower Upper
107 100
109 93.9 75.1 112.7





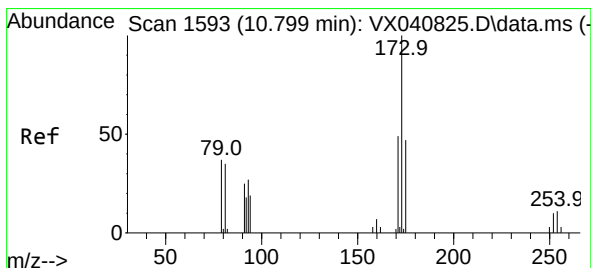
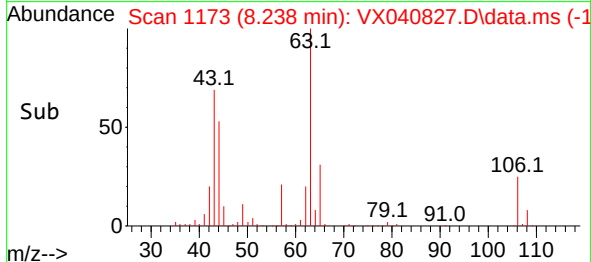
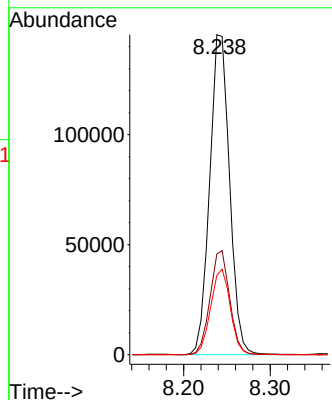
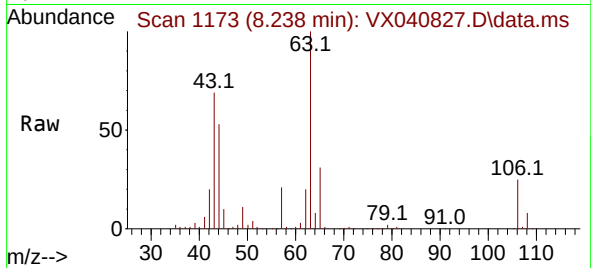
#55
2-Chloroethyl vinyl ether
Concen: 546.373 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 232239
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.6
106 26.4 20.6 31.0

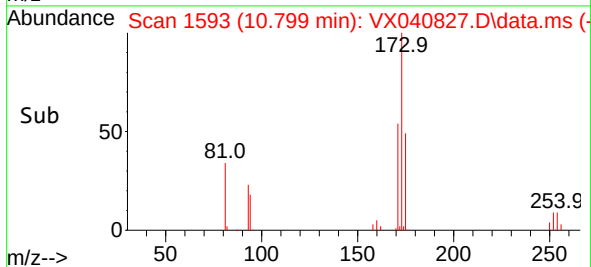
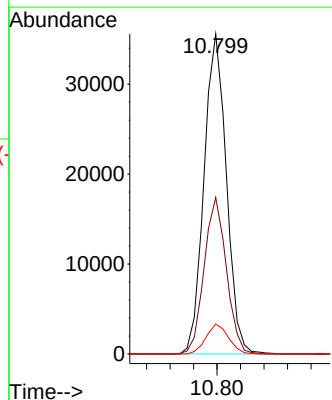
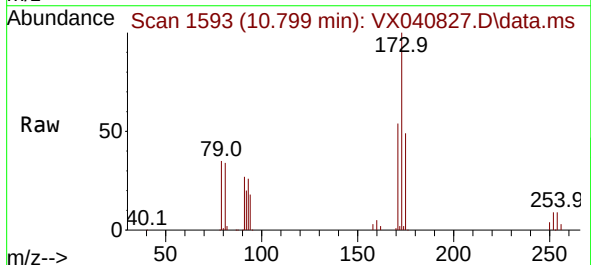
Manual Integrations
APPROVED

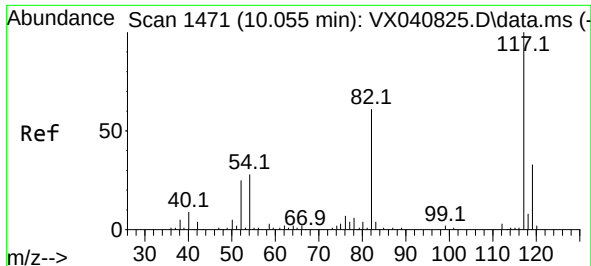
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#56
Bromoform
Concen: 113.215 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion:173 Resp: 46924
Ion Ratio Lower Upper
173 100
175 48.6 37.6 56.4
254 9.4 5.8 8.8#





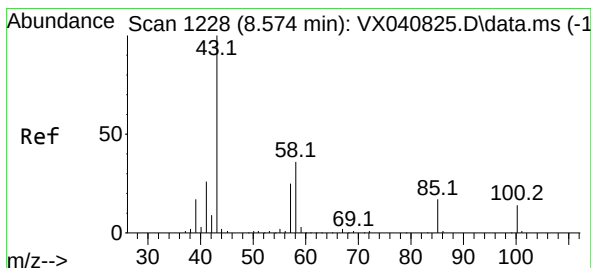
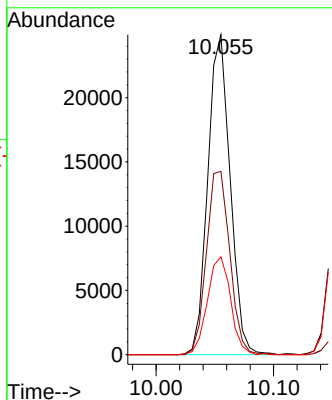
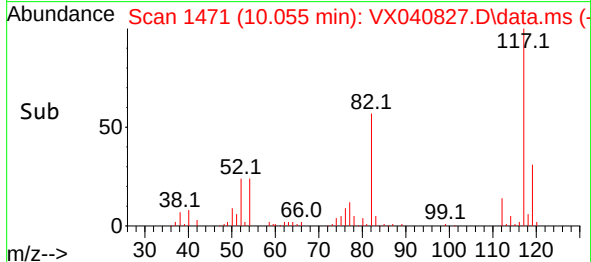
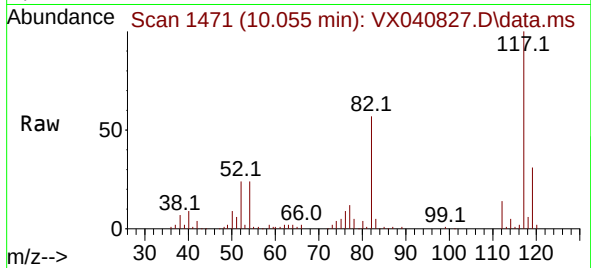
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 117 Resp: 3291
Ion Ratio Lower Upper
117 100
82 59.8 47.0 70.6
119 31.6 25.2 37.8

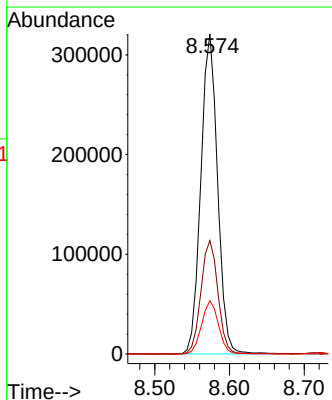
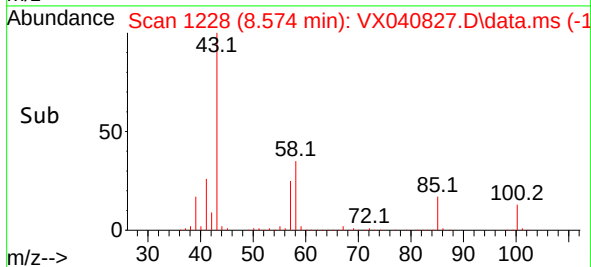
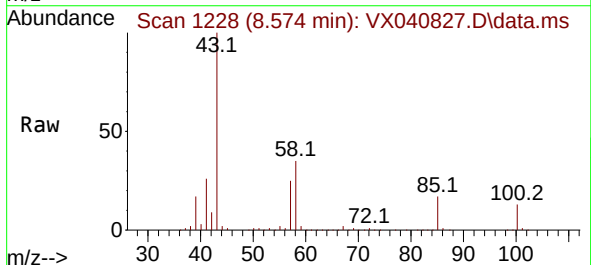
Manual Integrations
APPROVED

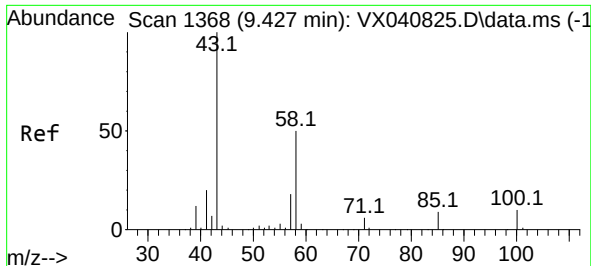
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#58
4-Methyl-2-Pentanone
Concen: 536.174 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion: 43 Resp: 498463
Ion Ratio Lower Upper
43 100
58 36.0 30.1 45.1
85 16.8 13.9 20.9





#59

2-Hexanone

Concen: 535.645 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 39685

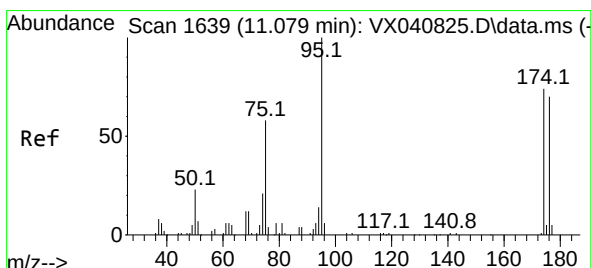
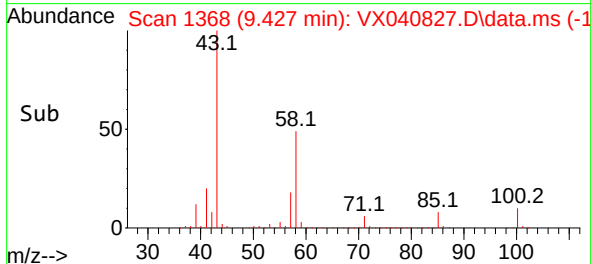
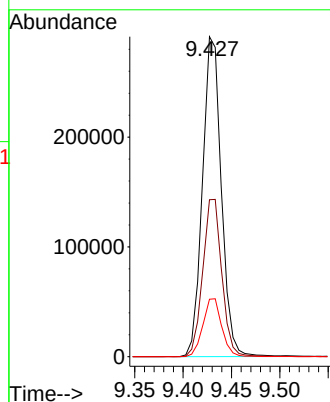
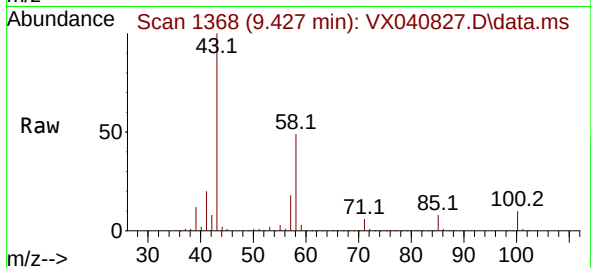
Ion	Ratio	Lower	Upper
43	100		
58	49.7	42.7	64.1
57	18.2	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#60

4-Bromofluorobenzene

Concen: 30.866 ug/l

RT: 11.079 min Scan# 1639

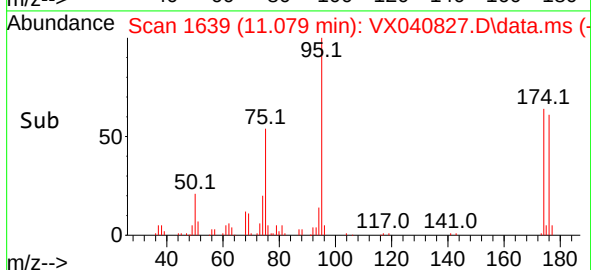
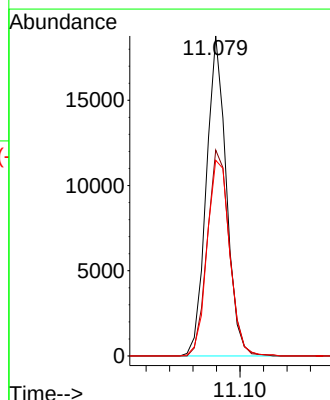
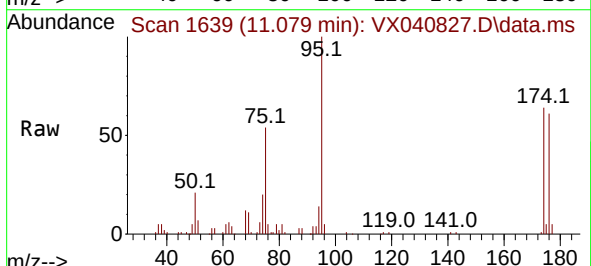
Delta R.T. 0.000 min

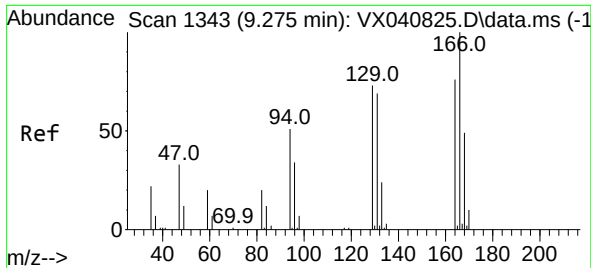
Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Tgt Ion: 95 Resp: 22195

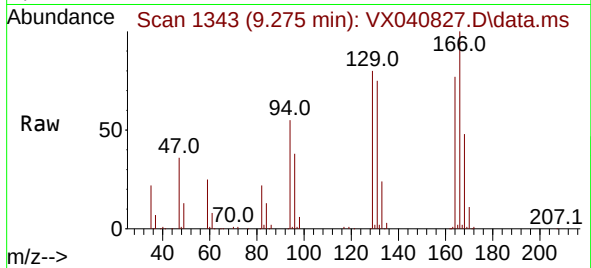
Ion	Ratio	Lower	Upper
95	100		
174	70.6	55.4	83.2
176	69.1	52.6	78.8





#61
Tetrachloroethene
Concen: 108.100 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

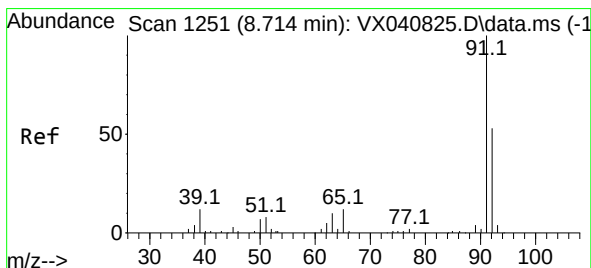
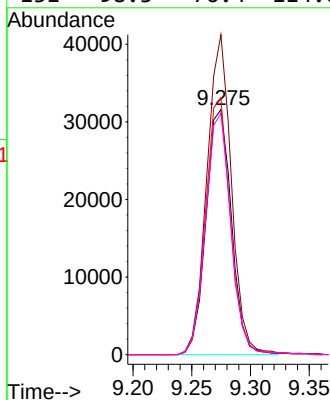
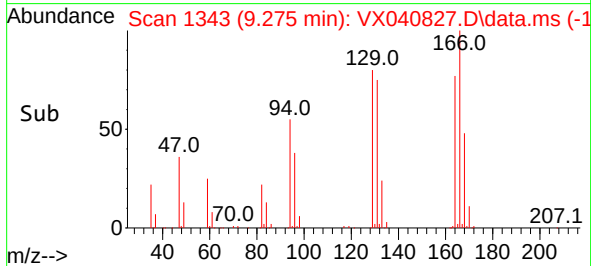
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



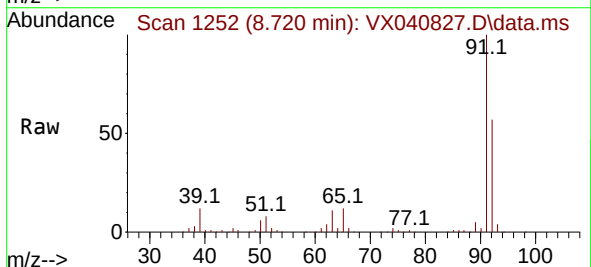
Tgt Ion:164 Resp: 47699
Ion Ratio Lower Upper
164 100
166 130.5 104.0 156.0
129 104.8 82.0 123.0
131 98.3 76.4 114.6

Manual Integrations
APPROVED

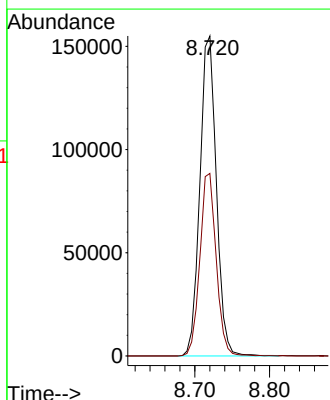
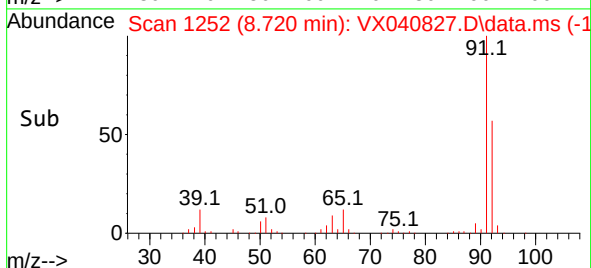
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

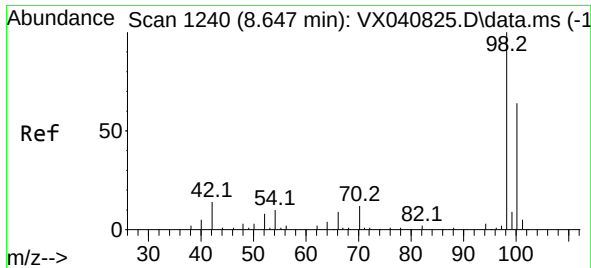


#62
Toluene
Concen: 106.612 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48



Tgt Ion: 91 Resp: 237347
Ion Ratio Lower Upper
91 100
92 56.6 45.9 68.9





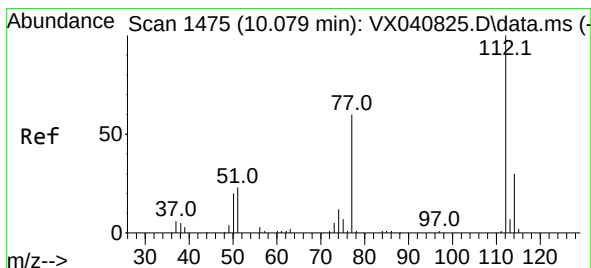
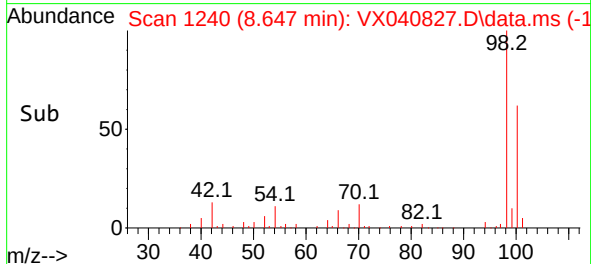
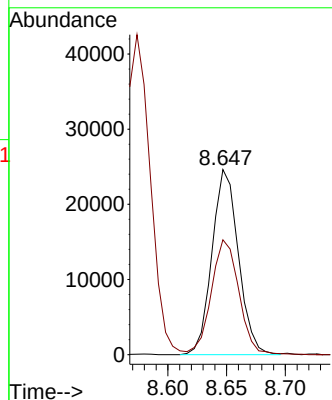
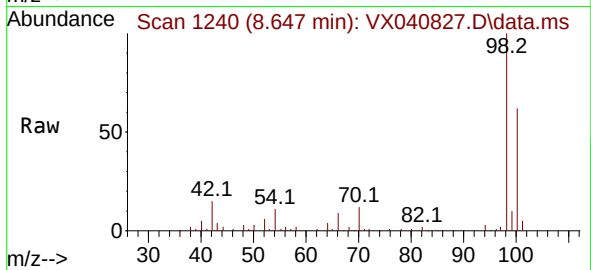
#63
Toluene-d8
Concen: 29.867 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 3854
Ion Ratio Lower Upper
98 100
100 64.7 51.0 76.4

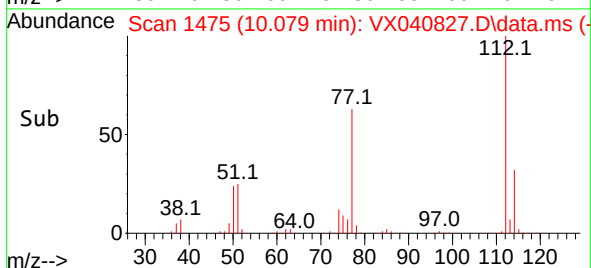
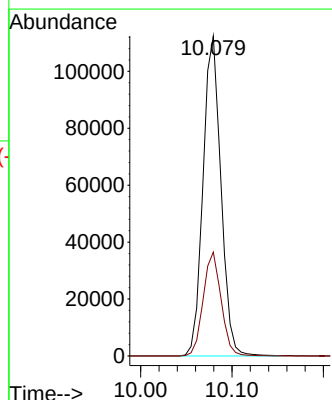
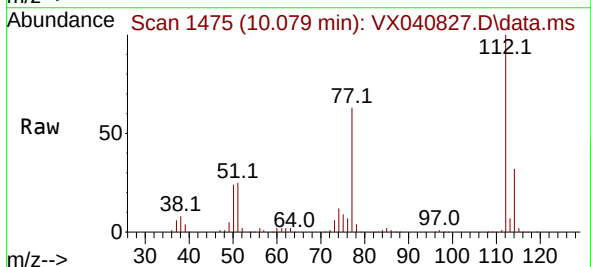
Manual Integrations
APPROVED

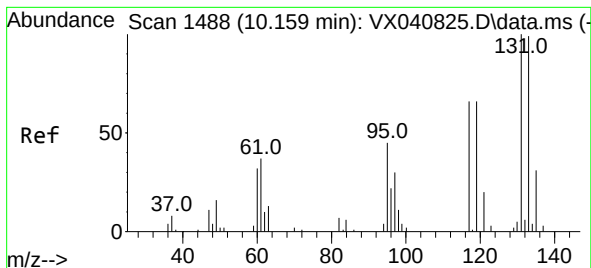
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#64
Chlorobenzene
Concen: 106.042 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

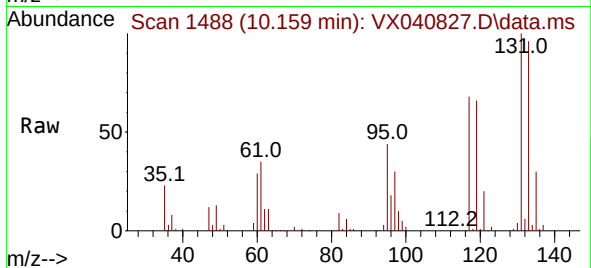
Tgt Ion:112 Resp: 152614
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 107.039 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

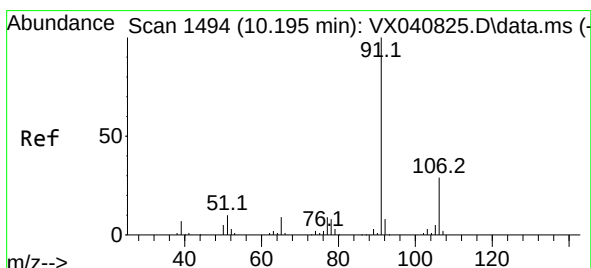
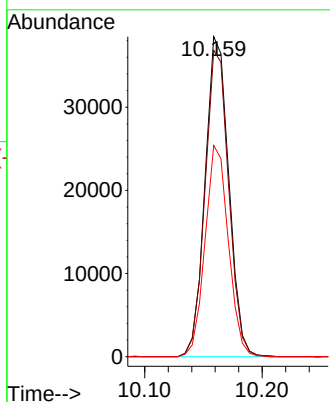
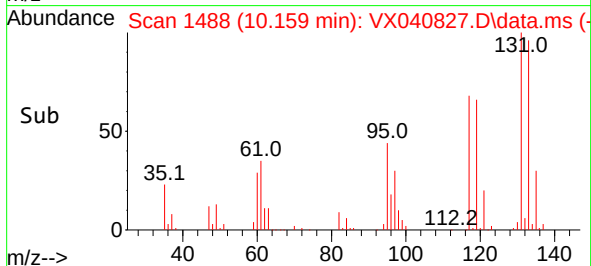
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



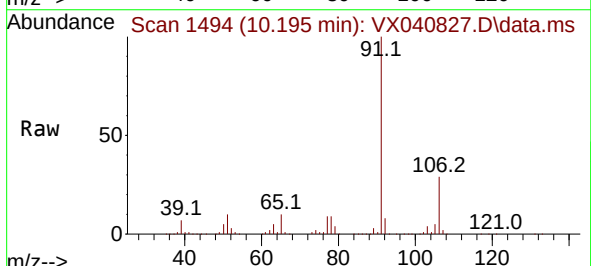
Tgt Ion:131 Resp: 5398
Ion Ratio Lower Upper
131 100
133 95.7 0.0 191.8
119 64.9 0.0 135.4

Manual Integrations
APPROVED

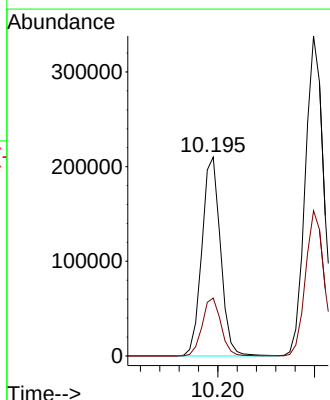
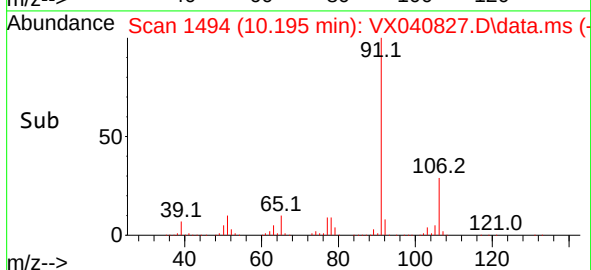
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

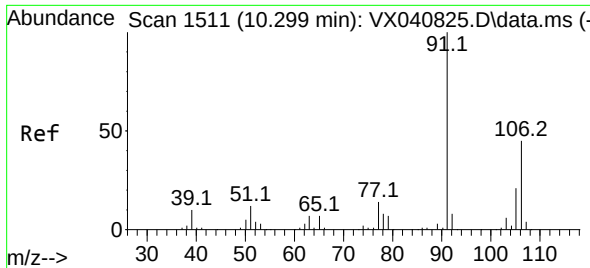


#66
Ethyl Benzene
Concen: 107.537 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48



Tgt Ion: 91 Resp: 281408
Ion Ratio Lower Upper
91 100
106 29.2 24.4 36.6





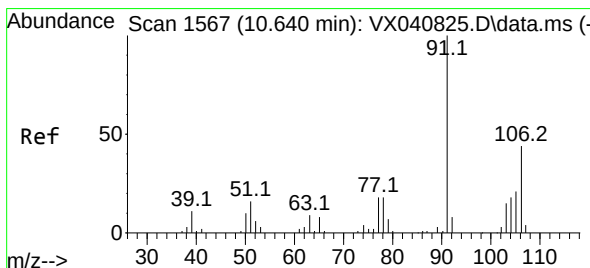
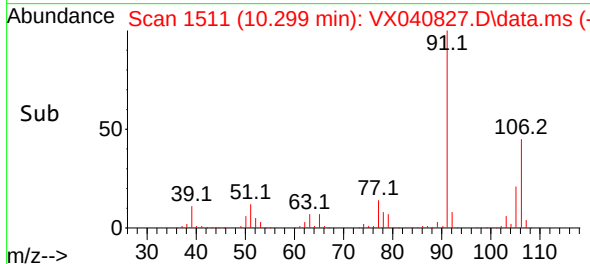
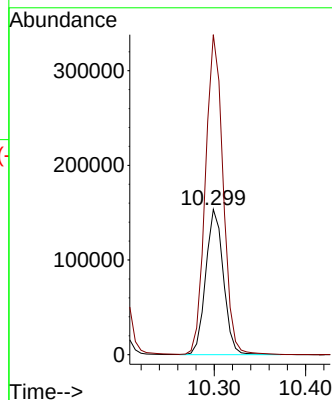
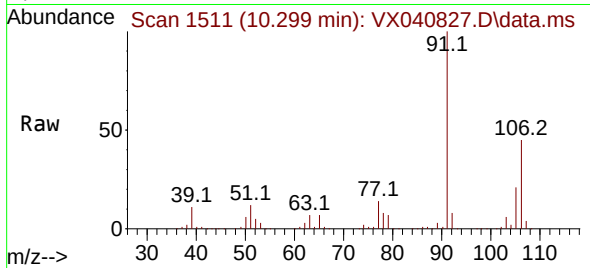
#67
m/p-Xylenes
Concen: 214.185 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 205768
Ion Ratio Lower Upper
106 100
91 220.5 169.4 254.0

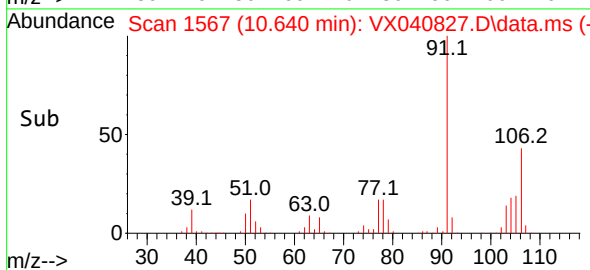
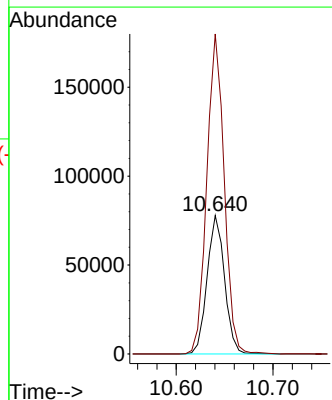
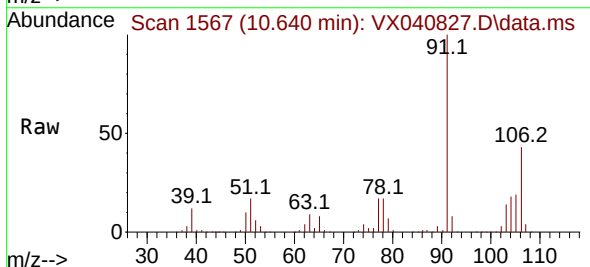
Manual Integrations
APPROVED

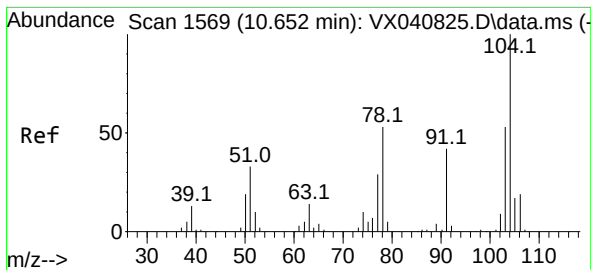
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#68
o-Xylene
Concen: 108.193 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion:106 Resp: 97918
Ion Ratio Lower Upper
106 100
91 230.2 111.2 333.6





#69

Styrene

Concen: 108.956 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

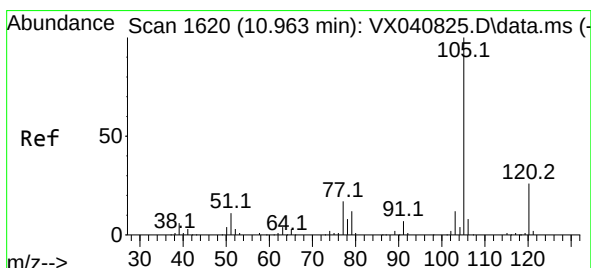
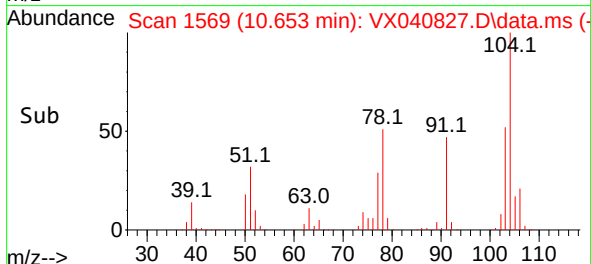
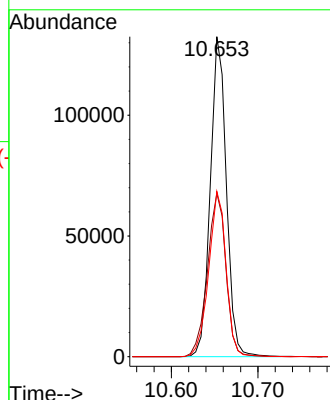
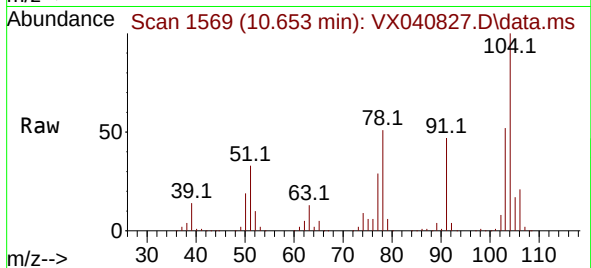
Tgt Ion:104	Resp:	17110
Ion Ratio	Lower	Upper
104	100	
78	58.5	43.7 65.5
103	55.8	44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#70

Isopropylbenzene

Concen: 109.162 ug/l

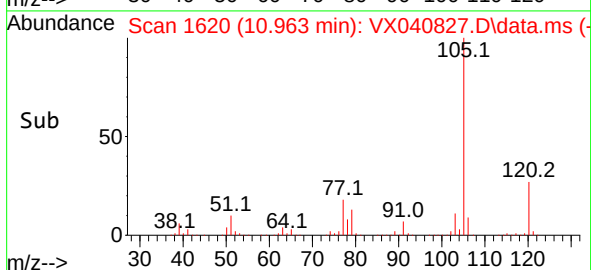
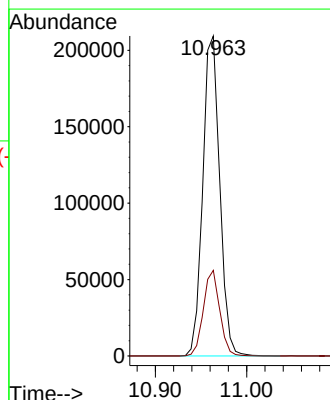
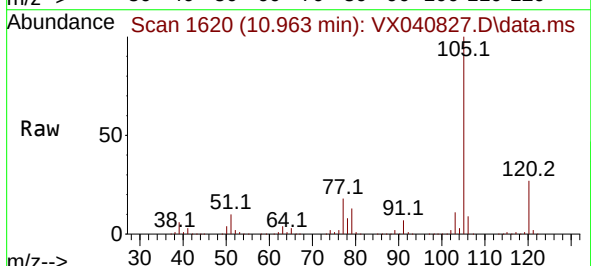
RT: 10.963 min Scan# 1620

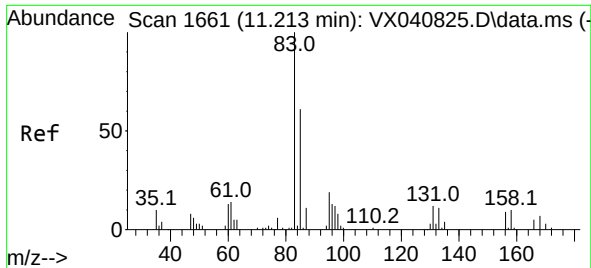
Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

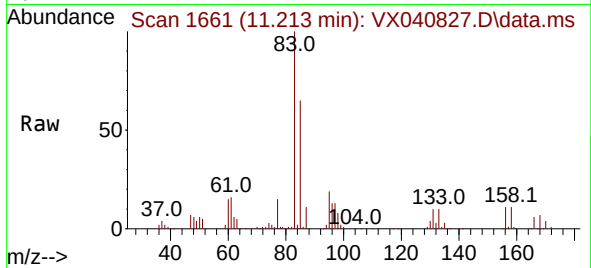
Tgt Ion:105	Resp:	269131
Ion Ratio	Lower	Upper
105	100	
120	25.8	18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 105.910 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

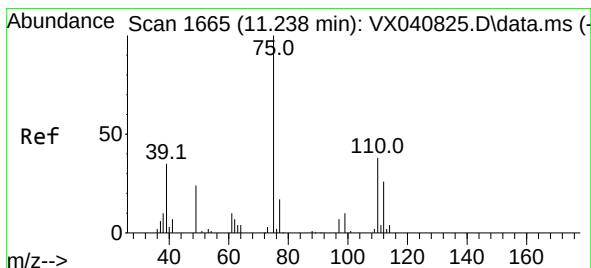
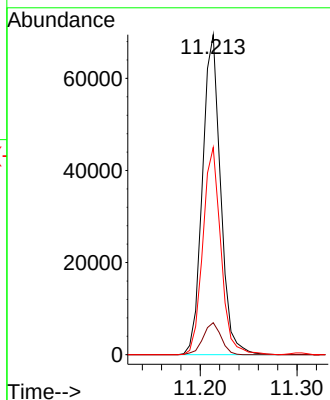
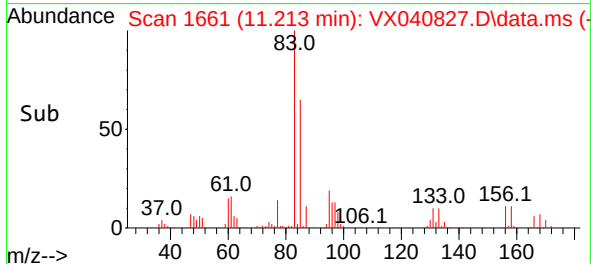
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



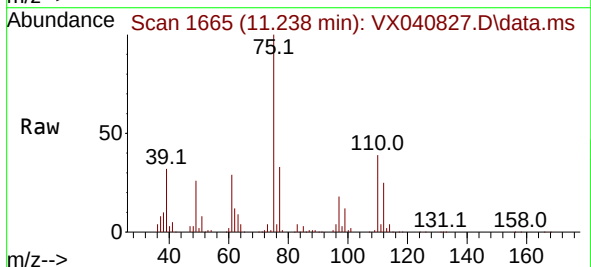
Tgt Ion: 83 Resp: 90682
Ion Ratio Lower Upper
83 100
131 9.9 4.6 13.8
85 64.5 32.5 97.4

Manual Integrations
APPROVED

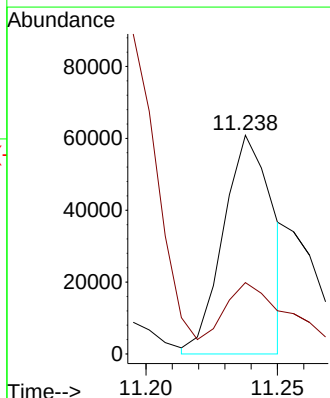
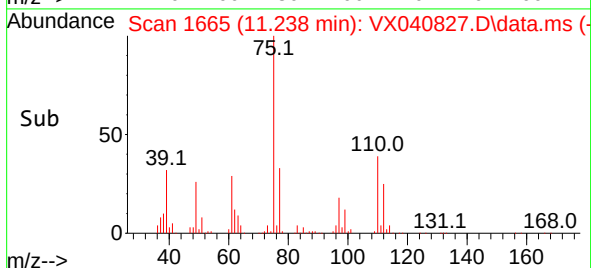
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

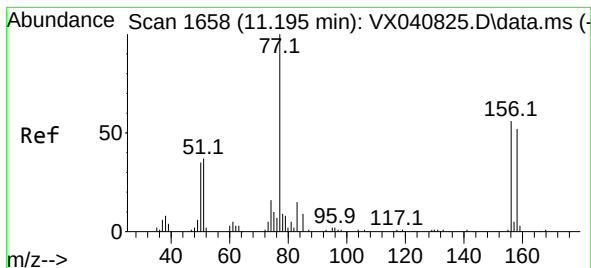


#72
1,2,3-Trichloropropane
Concen: 109.609 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48



Tgt Ion: 75 Resp: 79454
Ion Ratio Lower Upper
75 100
77 44.9 0.0 76.4





#73

Bromobenzene

Concen: 108.318 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

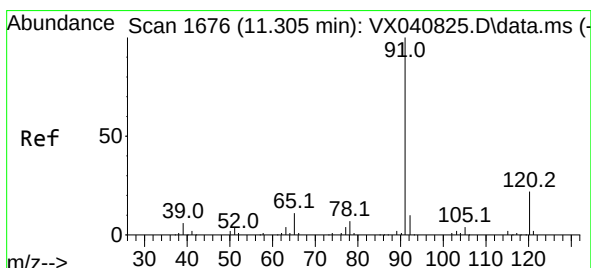
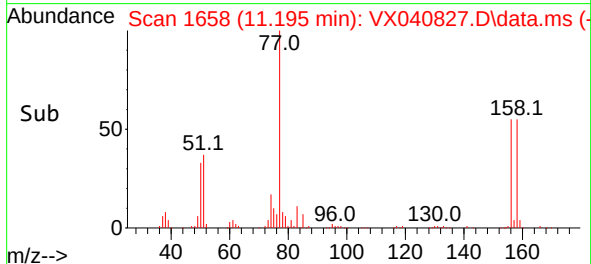
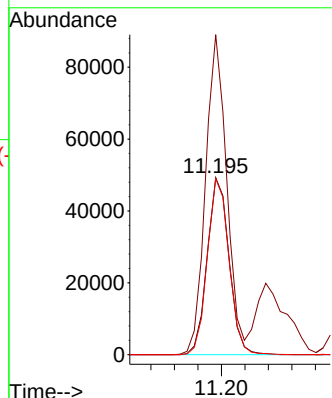
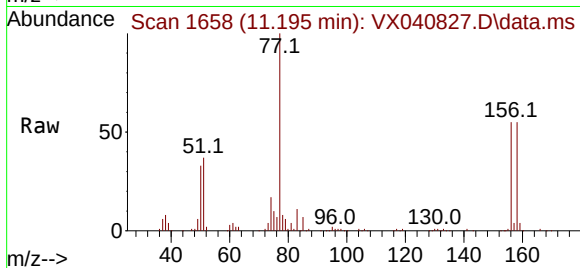
Tgt Ion:	156	Resp:	63679
Ion Ratio	Lower	Upper	
156	100		
77	174.6	0.0	363.2
158	98.5	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#74

n-propylbenzene

Concen: 110.212 ug/l

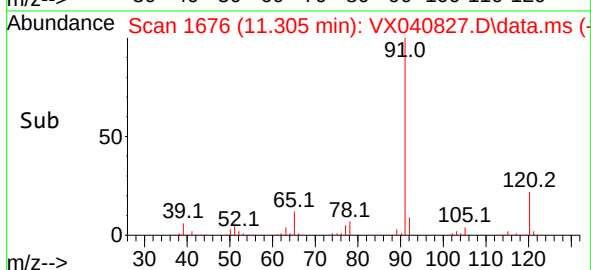
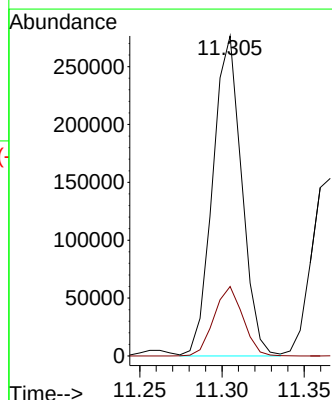
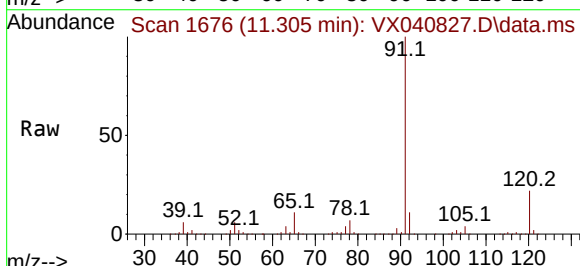
RT: 11.305 min Scan# 1676

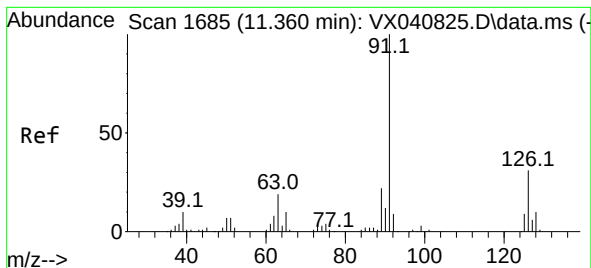
Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Tgt Ion:	91	Resp:	339214
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	43.4





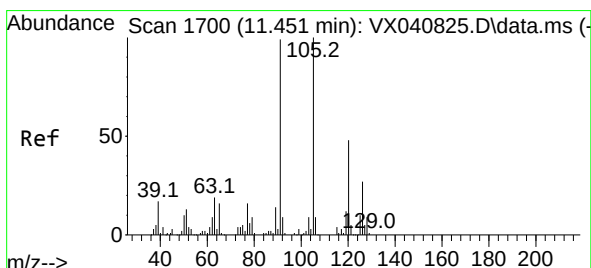
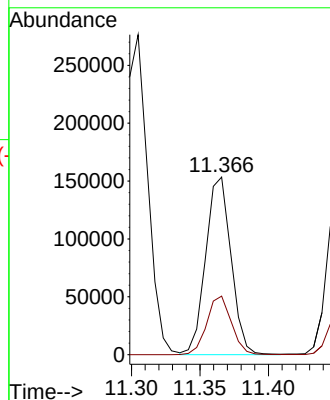
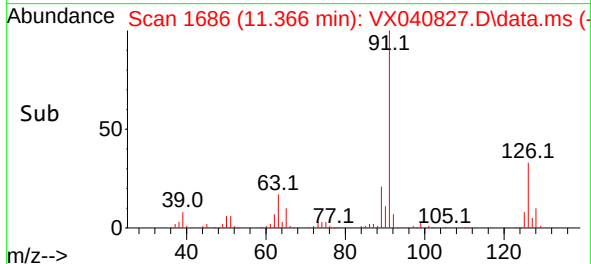
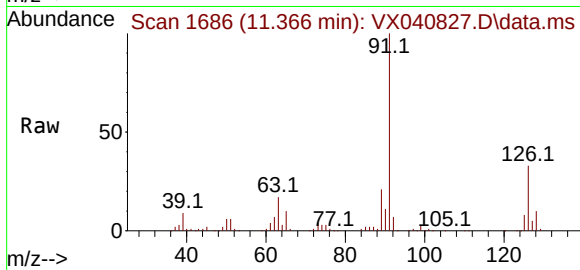
#75
2-Chlorotoluene
Concen: 108.763 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 197942
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.2

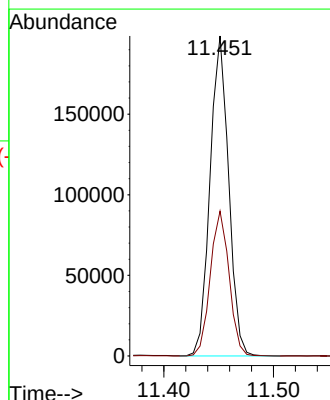
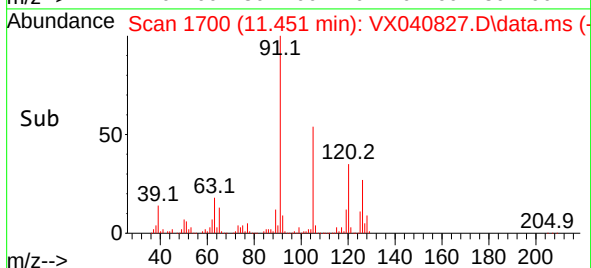
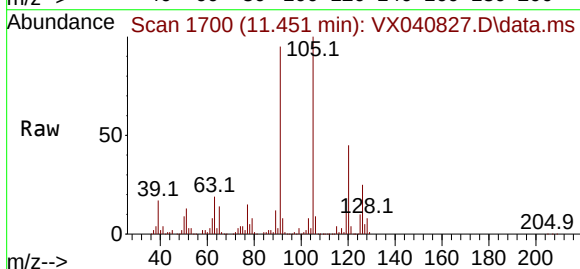
Manual Integrations
APPROVED

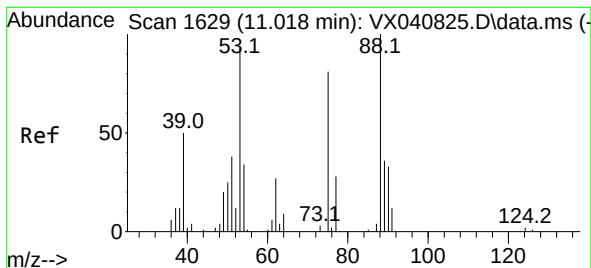
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#76
1,3,5-Trimethylbenzene
Concen: 109.683 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion:105 Resp: 233999
Ion Ratio Lower Upper
105 100
120 45.7 0.0 92.6





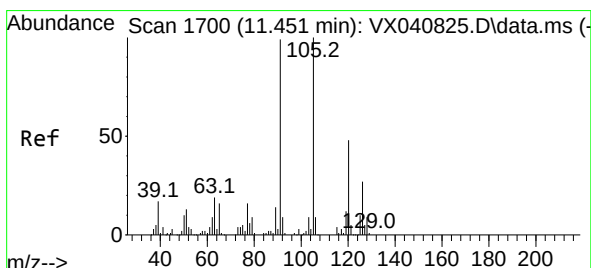
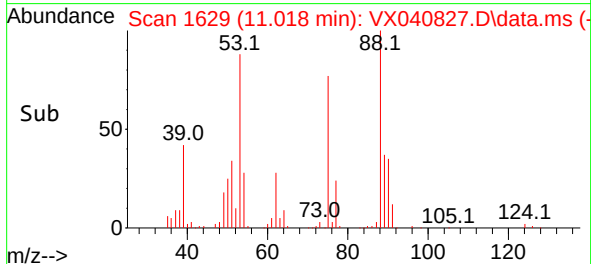
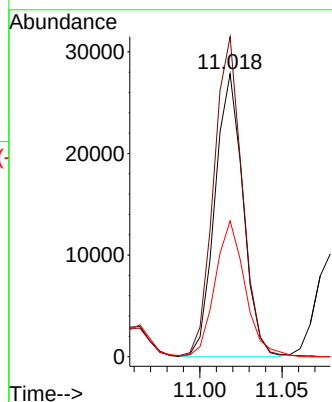
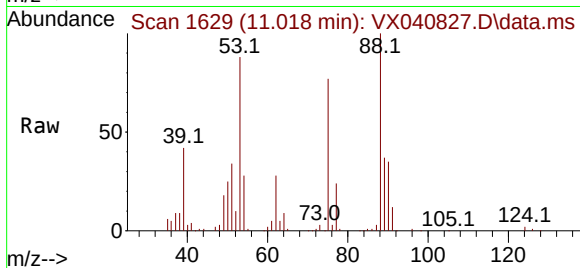
#77
t-1,4-Dichloro-2-butene
Concen: 114.869 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 33128
Ion Ratio Lower Upper
75 100
53 112.6 46.9 140.8
89 47.8 21.3 63.7

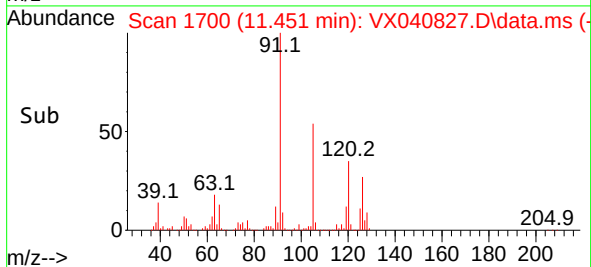
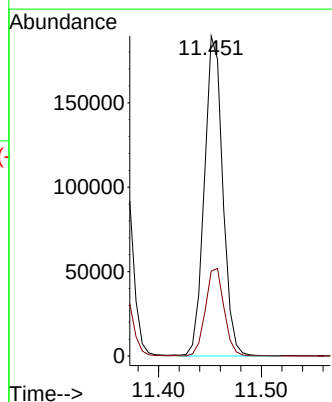
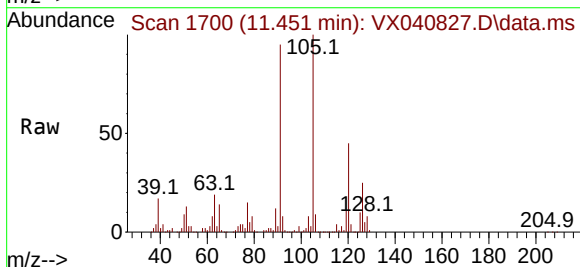
Manual Integrations
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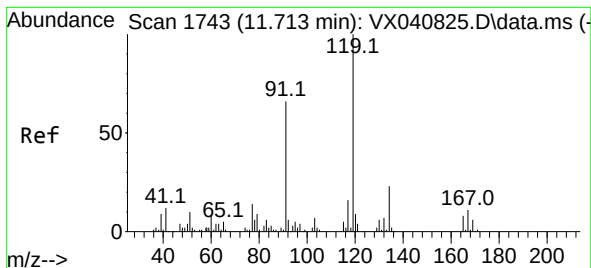
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#78
4-Chlorotoluene
Concen: 108.935 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion: 91 Resp: 235604
Ion Ratio Lower Upper
91 100
126 27.9 0.0 57.4





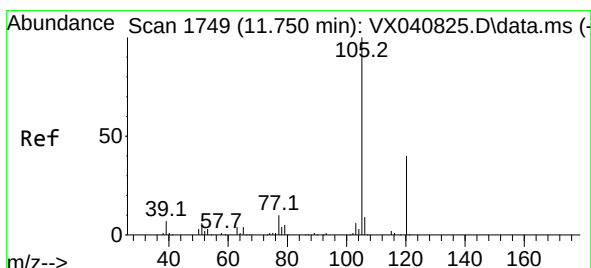
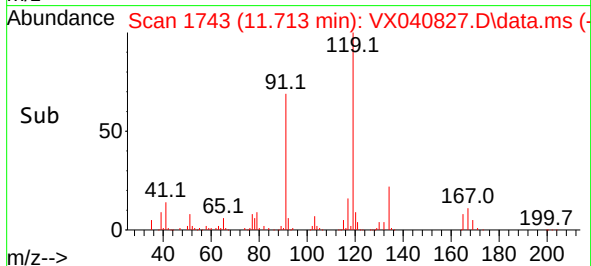
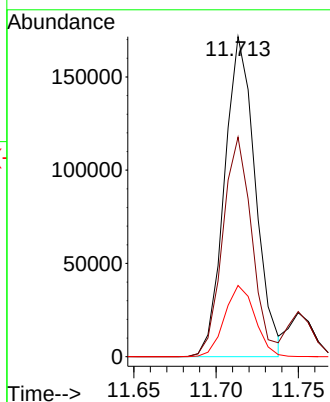
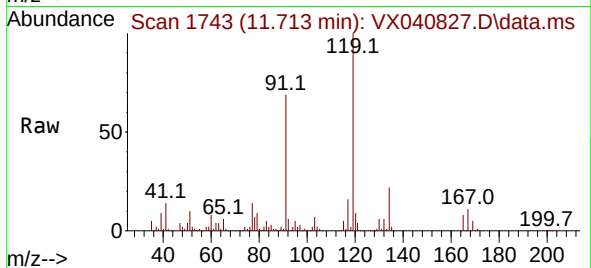
#79
tert-butylbenzene
Concen: 108.887 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 223539
Ion Ratio Lower Upper
119 100
91 65.5 0.0 125.6
134 22.0 0.0 43.8

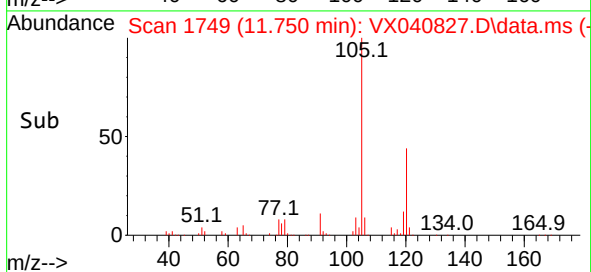
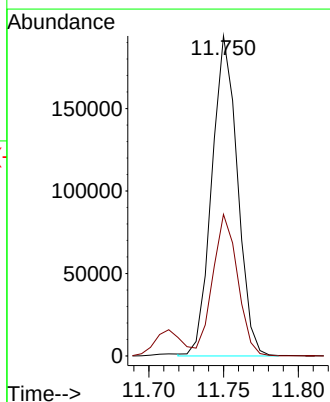
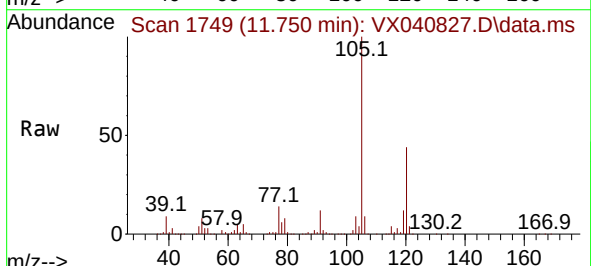
Manual Integrations
APPROVED

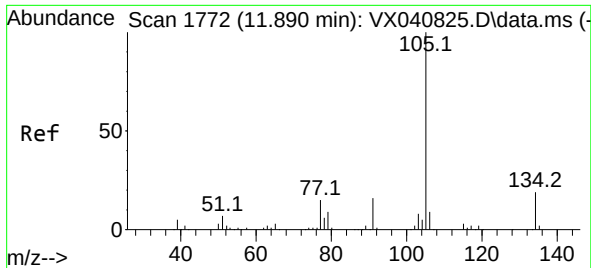
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#80
1,2,4-Trimethylbenzene
Concen: 109.287 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion:105 Resp: 231055
Ion Ratio Lower Upper
105 100
120 42.7 0.0 86.4





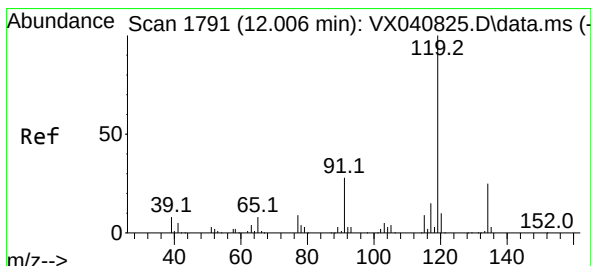
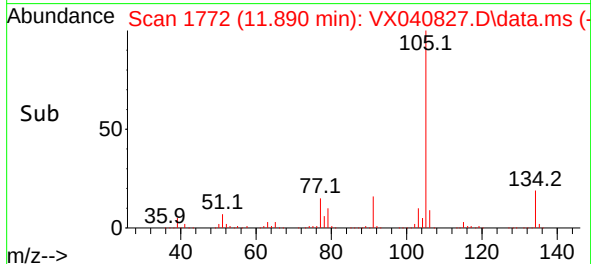
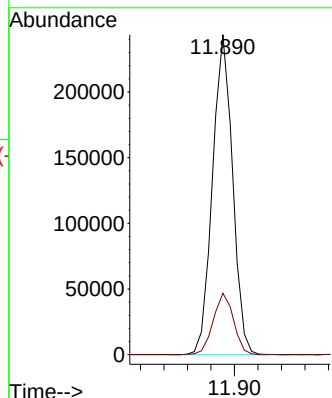
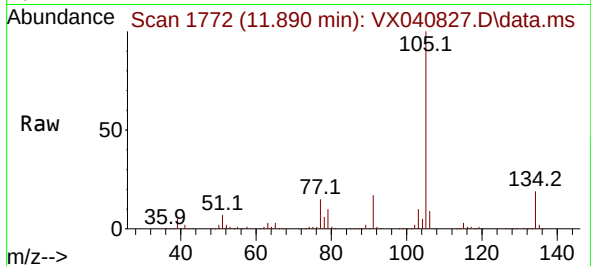
#81
 sec-Butylbenzene
 Concen: 109.826 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040827.D
 Acq: 28 Mar 2024 16:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion:105 Resp: 28911
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.4

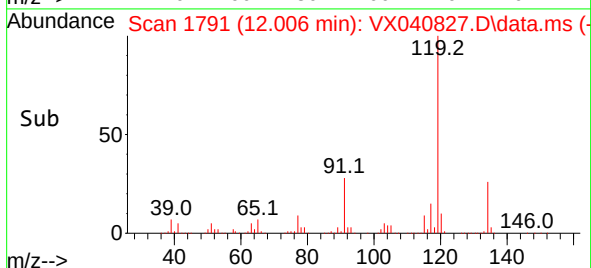
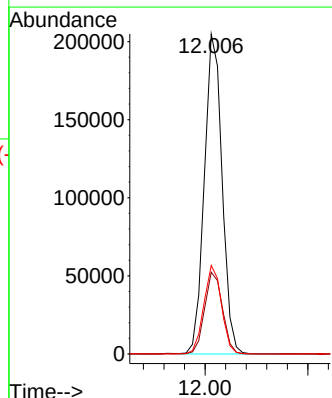
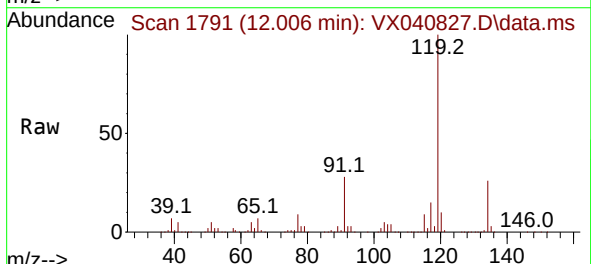
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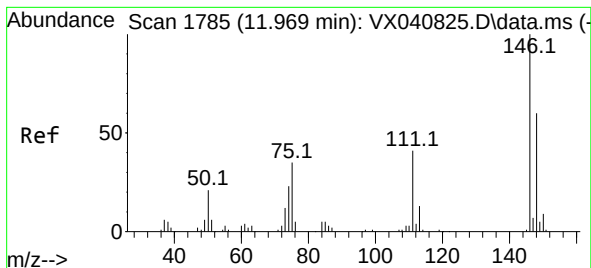
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#82
 p-Isopropyltoluene
 Concen: 110.565 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040827.D
 Acq: 28 Mar 2024 16:48

Tgt Ion:119 Resp: 246456
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.6
 91 27.5 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 107.293 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 12247

Ion Ratio Lower Upper

146 100

111 44.0 22.3 66.9

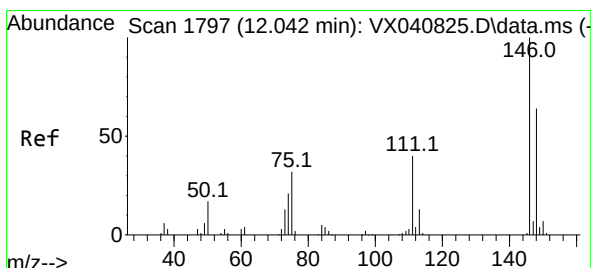
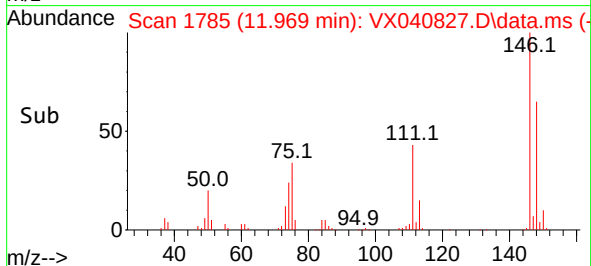
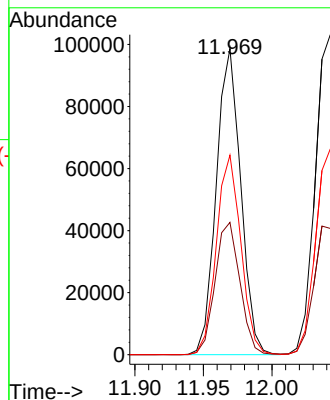
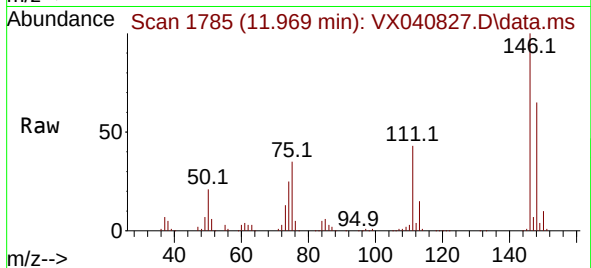
148 65.2 32.8 98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#84

1,4-Dichlorobenzene

Concen: 107.850 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

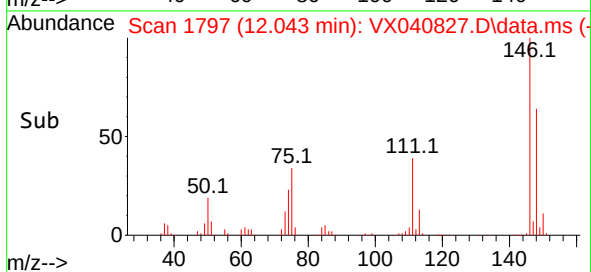
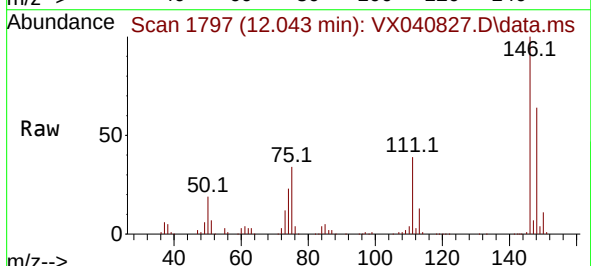
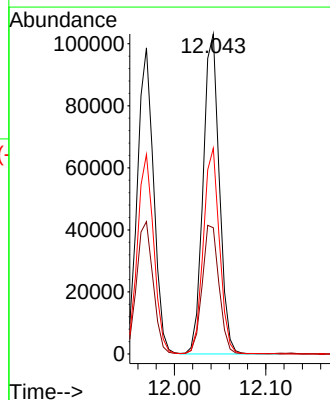
Tgt Ion:146 Resp: 126874

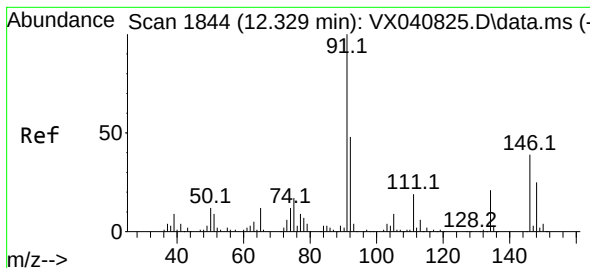
Ion Ratio Lower Upper

146 100

111 41.8 21.4 64.2

148 63.9 31.8 95.4





#85

n-Butylbenzene

Concen: 111.754 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 247738

Ion Ratio Lower Upper

91 100

92 51.4 0.0 106.2

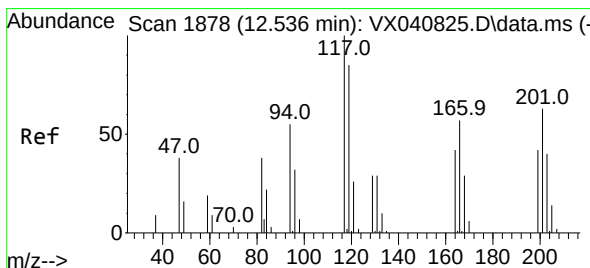
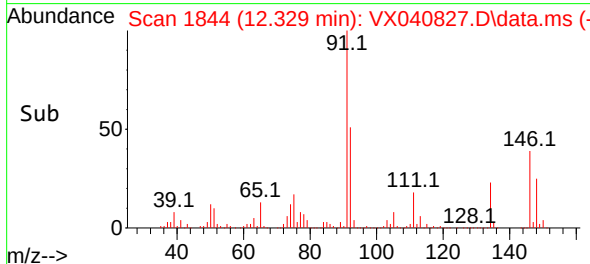
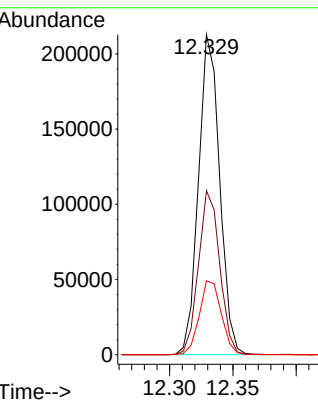
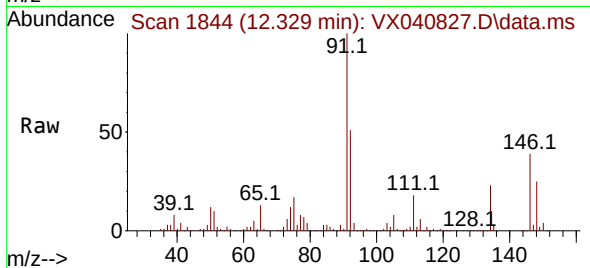
134 24.0 0.0 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#86

Hexachloroethane

Concen: 112.572 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040827.D

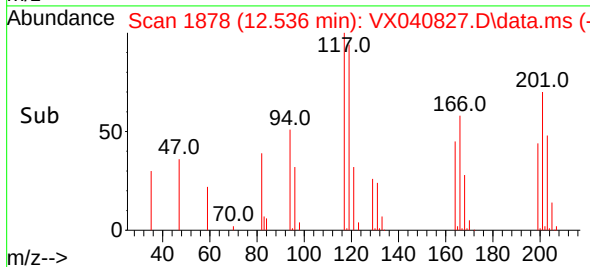
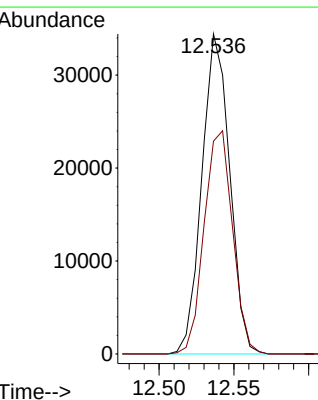
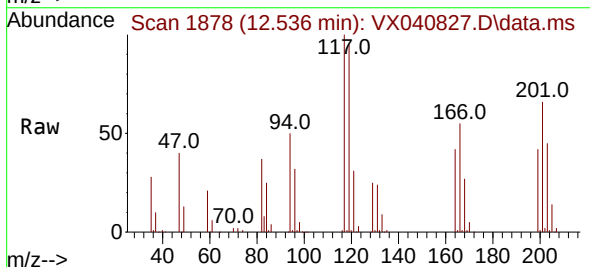
Acq: 28 Mar 2024 16:48

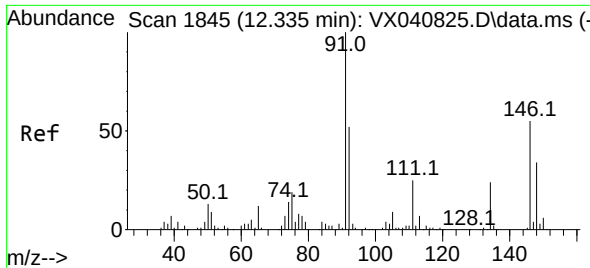
Tgt Ion:117 Resp: 44582

Ion Ratio Lower Upper

117 100

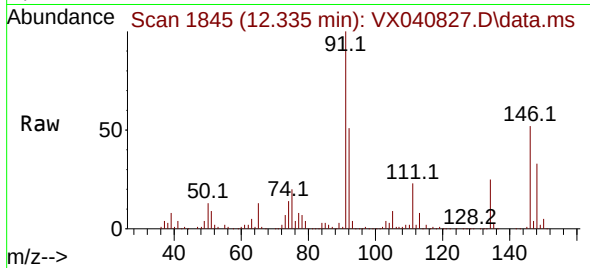
201 71.4 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 108.341 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

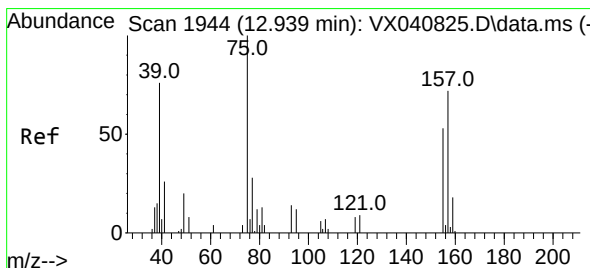
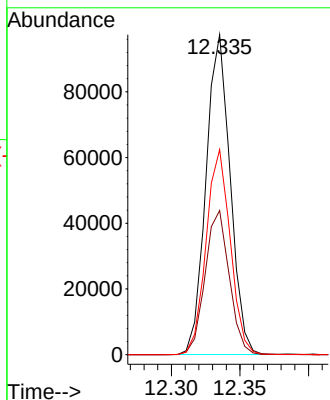
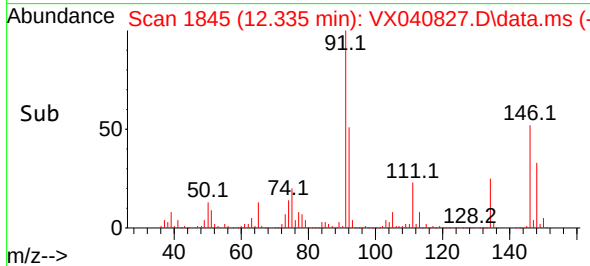
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 119629
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.2
148 64.1 31.9 95.7

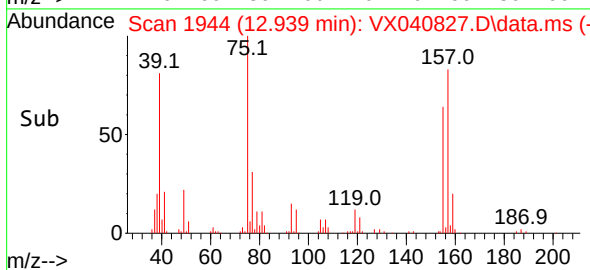
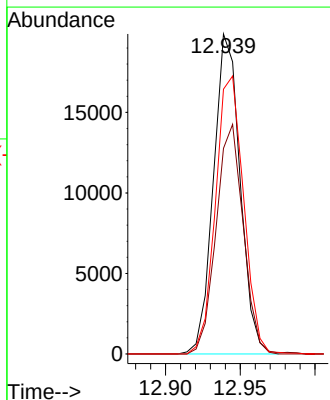
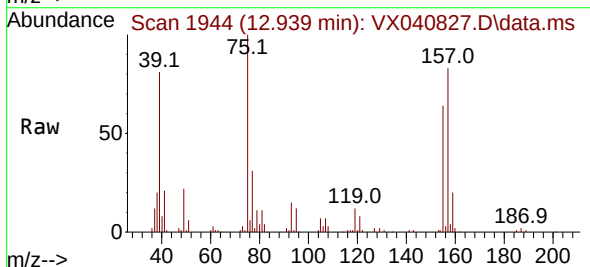
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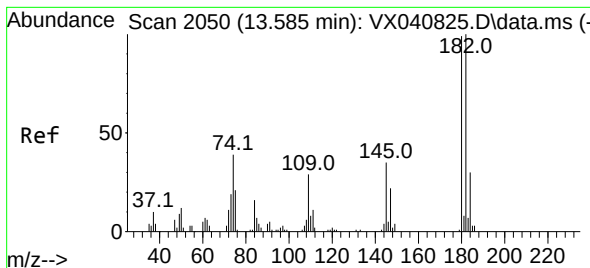
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 111.492 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040827.D
Acq: 28 Mar 2024 16:48

Tgt Ion: 75 Resp: 24570
Ion Ratio Lower Upper
75 100
155 72.9 58.2 87.4
157 91.6 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 108.458 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

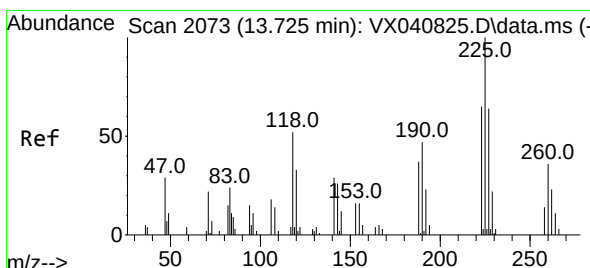
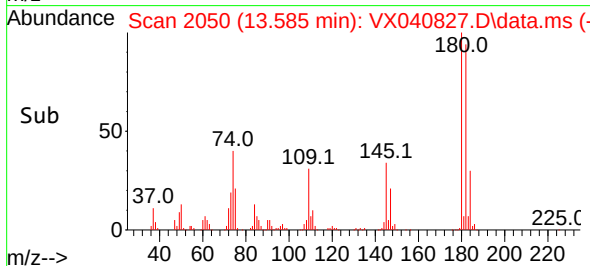
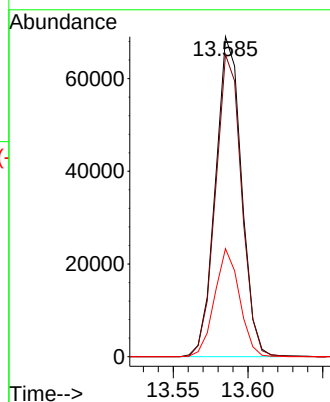
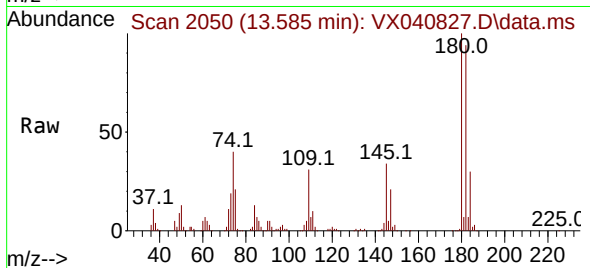
Tgt Ion:180	Resp:	8354
Ion Ratio	Lower	Upper
180	100	
182	94.7	74.5 111.7
145	32.3	26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#90

Hexachlorobutadiene

Concen: 106.495 ug/l

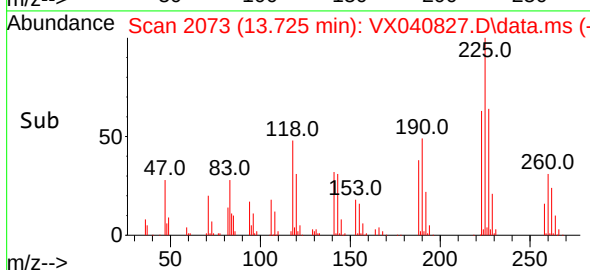
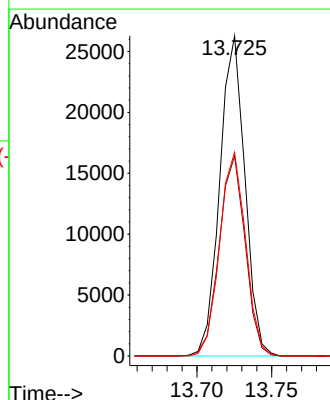
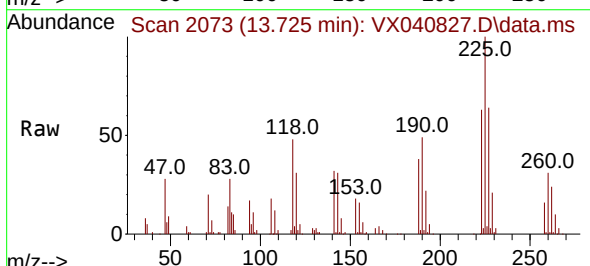
RT: 13.725 min Scan# 2073

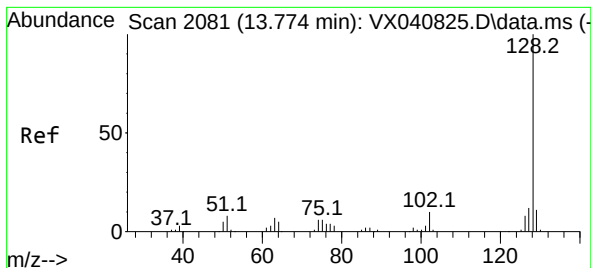
Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Tgt Ion:225	Resp:	30766
Ion Ratio	Lower	Upper
225	100	
223	64.4	0.0 124.4
227	65.6	0.0 124.4





#91

Naphthalene

Concen: 111.356 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 28689

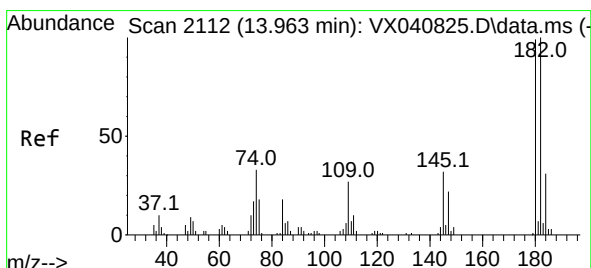
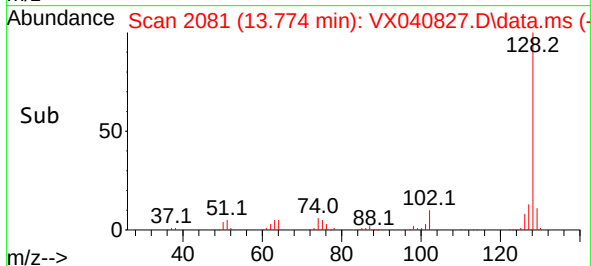
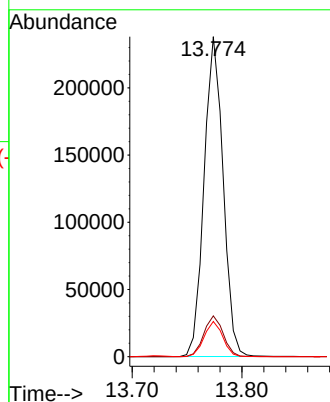
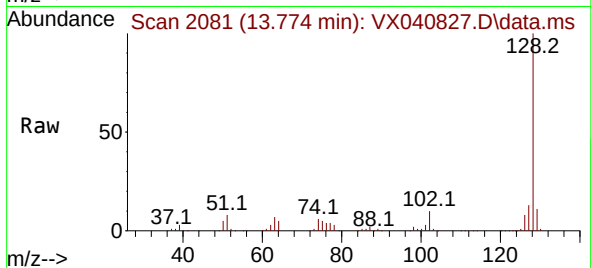
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#92

1,2,3-Trichlorobenzene

Concen: 110.546 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040827.D

Acq: 28 Mar 2024 16:48

Tgt Ion:180 Resp: 81174

Ion	Ratio	Lower	Upper
180	100		
182	95.5	0.0	191.6
145	34.4	0.0	69.6

