

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031403.D
 Acq On : 16 Sep 2022 11:49
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 16 12:38:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	16298	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	84744	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	94886	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	43894	33.029	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.100%#			
60) 4-Bromofluorobenzene	11.085	95	65971	36.893	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 122.967%#			
63) Toluene-d8	8.653	98	162187	31.522	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.067%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	114731	102.946	ug/l	99
3) Chloromethane	1.288	50	150732	129.698	ug/l	97
4) Vinyl Chloride	1.374	62	179507	136.310	ug/l	99
5) Bromomethane	1.611	94	253792	467.760	ug/l	99
6) Chloroethane	1.678	64	150370	213.218	ug/l	99
7) Trichlorofluoromethane	1.880	101	469828	281.448	ug/l	97
8) Diethyl Ether	2.136	74	159305	224.368	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	152871	136.005	ug/l	92
10) 1,1-Dichloroethene	2.319	96	147601	128.603	ug/l	99
11) Methyl Iodide	2.453	142	193130	146.269	ug/l	98
12) Methyl Acetate	2.709	43	228583	122.290	ug/l	94
13) Acrolein	2.239	56	155666	708.903	ug/l	98
14) Acrylonitrile	3.074	53	498026	619.069	ug/l	99
15) Acetone	2.392	58	119096	545.003	ug/l	98
16) Carbon Disulfide	2.508	76	392879	131.131	ug/l	99
17) Allyl chloride	2.660	41	245199	121.229	ug/l	89
18) Methylene Chloride	2.788	84	168147	125.750	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	197355	158.455	ug/l	96
20) Diisopropyl ether	3.763	45	632332	156.061	ug/l	89
21) 1,1-Dichloroethane	3.611	63	306050	140.307	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	202782	137.114	ug/l	95
23) tert-Butyl Alcohol	3.056	59	218037m	591.624	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	638366	172.409	ug/l	96
25) Chloroform	5.099	83	388959	178.919	ug/l	99
26) Cyclohexane	5.470	56	288345	142.673	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	257199	177.416	ug/l	100
30) 2-Butanone	4.568	43	690000	705.160	ug/l	100
31) 2,2-Dichloropropane	4.477	77	283393	204.532	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	334796	214.778	ug/l	97
33) Carbon Tetrachloride	5.678	117	298315	227.855	ug/l	97
34) Benzene	6.043	78	777035	166.793	ug/l	99
35) Methacrylonitrile	4.922	41	152694	154.169	ug/l	91
36) 1,2-Dichloroethane	6.086	62	302396	213.231	ug/l	100
37) Trichloroethene	7.129	130	195758	157.118	ug/l	99
38) Methylcyclohexane	7.379	83	294029	156.309	ug/l	98
39) 1,2-Dichloropropane	7.433	63	176448	148.788	ug/l	97
40) Dibromomethane	7.586	93	138689	172.531	ug/l	90
41) Bromodichloromethane	7.824	83	293214	204.197	ug/l	100
42) Vinyl Acetate	3.727	43	2718096	868.625	ug/l	96

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

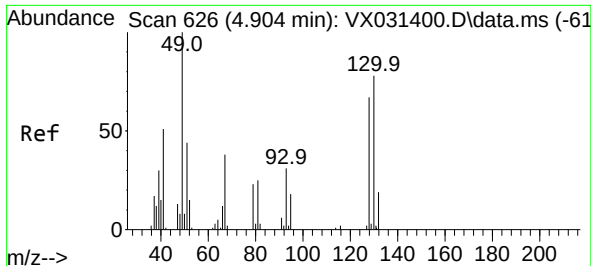
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	294666	159.868	ug/l	100
44) Isopropyl Acetate	6.348	43	479941	171.403	ug/l	96
45) 1,4-Dioxane	7.696	88	94897	2887.006	ug/l	95
46) Methyl methacrylate	7.696	41	219974	165.776	ug/l	91
47) n-amyl Acetate	10.847	43	446434	185.594	ug/l	98
48) t-1,3-Dichloropropene	8.982	75	365207	230.143	ug/l	97
49) cis-1,3-Dichloropropene	8.372	75	348776	195.729	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	239998	201.525	ug/l	98
51) Ethyl methacrylate	9.122	69	367170	198.127	ug/l	94
52) 1,3-Dichloropropane	9.311	76	364308	190.175	ug/l	99
53) Dibromochloromethane	9.525	129	286634	260.038	ug/l	100
54) 1,2-Dibromoethane	9.610	107	270589	218.801	ug/l	100
55) 2-Chloroethyl vinyl ether	8.250	63	958471	1003.320	ug/l	98
56) Bromoform	10.805	173	231104	299.502	ug/l	97
58) 4-Methyl-2-Pentanone	8.580	43	1540070	657.091	ug/l	96
59) 2-Hexanone	9.439	43	1151905	635.432	ug/l	95
61) Tetrachloroethene	9.275	164	222477	156.158	ug/l	97
62) Toluene	8.720	91	1055427	167.213	ug/l	100
64) Chlorobenzene	10.079	112	661336	175.443	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	246397	187.452	ug/l	98
66) Ethyl Benzene	10.195	91	1172748	174.840	ug/l	98
67) m/p-Xylenes	10.305	106	1055886	405.665	ug/l	93
68) o-Xylene	10.646	106	503570	194.283	ug/l	96
69) Styrene	10.658	104	890750	207.670	ug/l	97
70) Isopropylbenzene	10.963	105	1348265	206.601	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	381542	160.774	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	383412m	179.736	ug/l	
73) Bromobenzene	11.201	156	330403	211.136	ug/l	95
74) n-propylbenzene	11.305	91	1508973	192.754	ug/l	97
75) 2-Chlorotoluene	11.366	91	887119	192.435	ug/l	95
76) 1,3,5-Trimethylbenzene	11.451	105	1170418	213.613	ug/l	96
77) t-1,4-Dichloro-2-butene	11.024	75	136352	185.837	ug/l	74
78) 4-Chlorotoluene	11.457	91	1055230	203.949	ug/l	93
79) tert-butylbenzene	11.719	119	1136965	213.302	ug/l	96
80) 1,2,4-Trimethylbenzene	11.756	105	1124816	199.687	ug/l	95
81) sec-Butylbenzene	11.890	105	1393150	193.091	ug/l	97
82) p-Isopropyltoluene	12.012	119	1226797	211.211	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	645859	213.320	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	667931	217.526	ug/l	99
85) n-Butylbenzene	12.335	91	999127	183.305	ug/l	99
86) Hexachloroethane	12.542	117	208306	215.856	ug/l	90
87) 1,2-Dichlorobenzene	12.335	146	635598	212.597	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	89714	165.768	ug/l	92
89) 1,2,4-Trichlorobenzene	13.591	180	353128	190.768	ug/l	98
90) Hexachlorobutadiene	13.725	225	118176	168.339	ug/l	98
91) Naphthalene	13.780	128	1276766	173.046	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	359905	190.883	ug/l	100

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

Manual Integrations

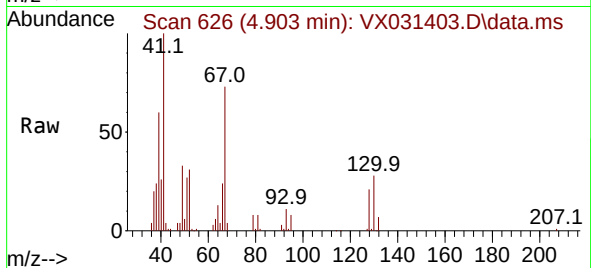
Quant Time: Sep 16 12:38:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jul 09 02:10:54 2022
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

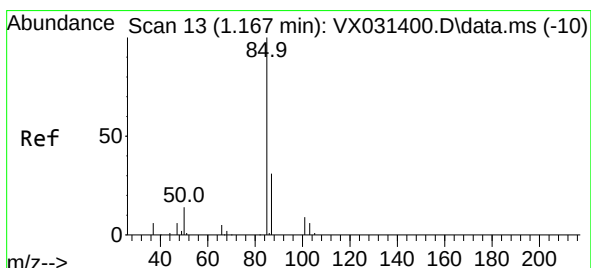
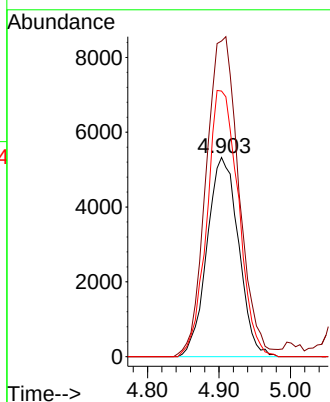
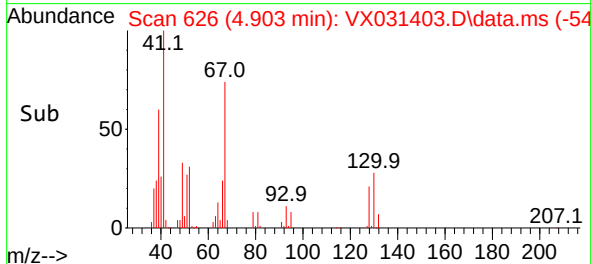
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 16298
Ion Ratio Lower Upper
128 100
49 168.1 0.0 358.3
130 133.9 0.0 319.3

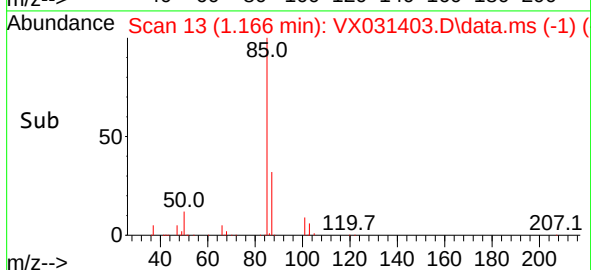
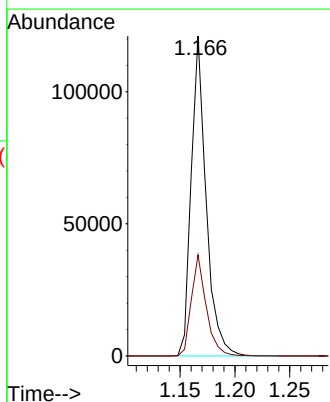
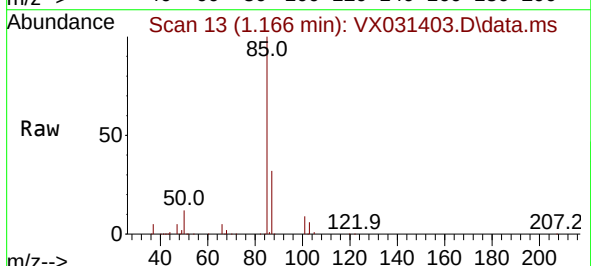
Manual Integrations
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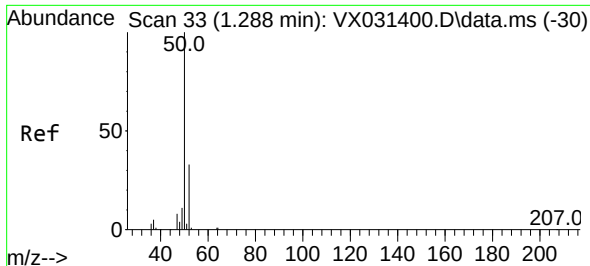
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#2
Dichlorodifluoromethane
Concen: 102.946 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

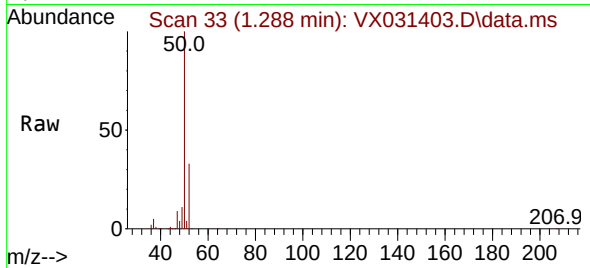
Tgt Ion: 85 Resp: 114731
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.8





#3
Chloromethane
Concen: 129.698 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

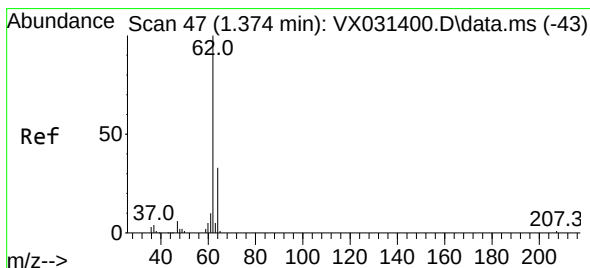
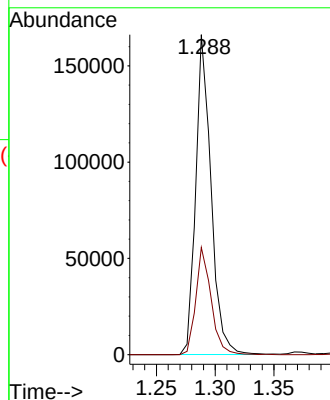
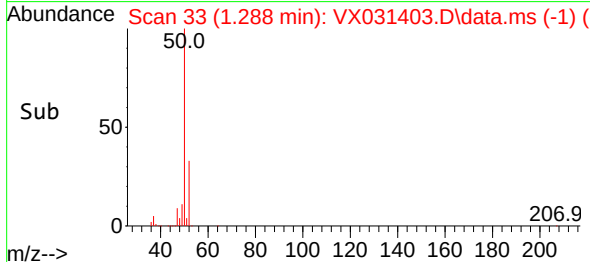
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



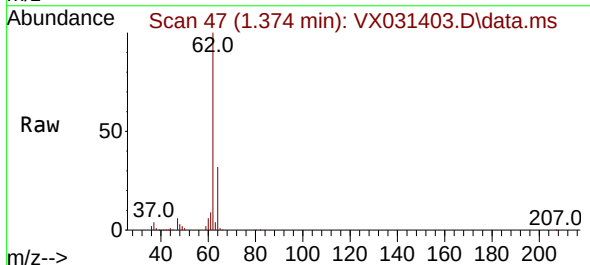
Tgt Ion: 50 Resp: 150732
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4

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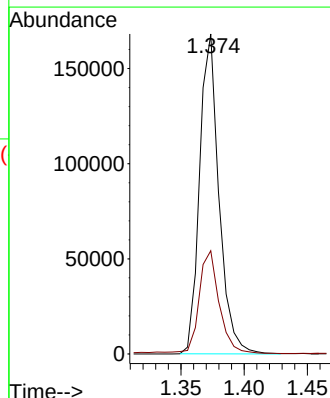
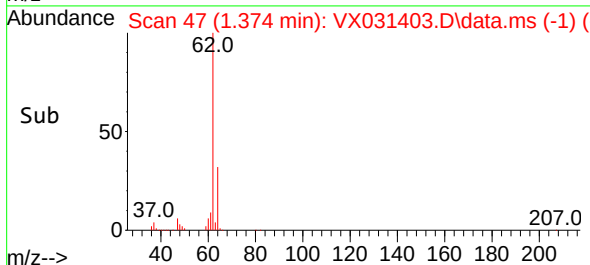
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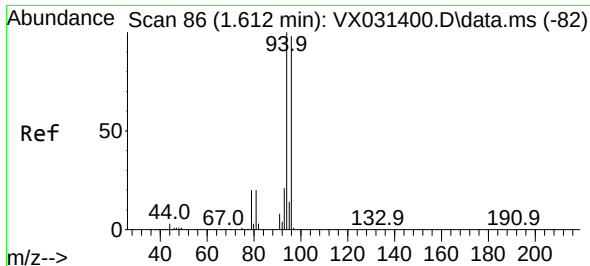


#4
Vinyl Chloride
Concen: 136.310 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49



Tgt Ion: 62 Resp: 179507
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2





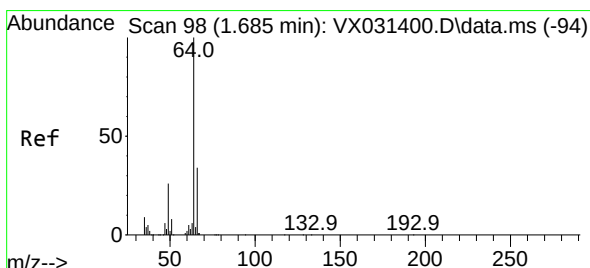
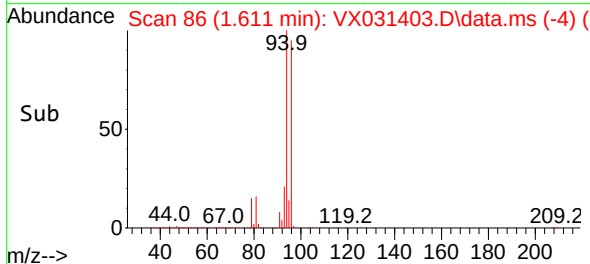
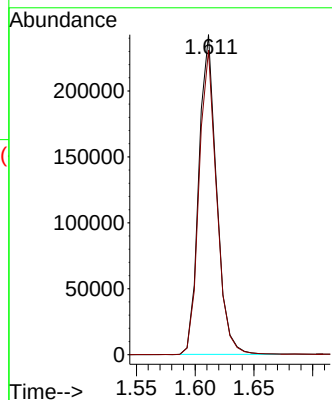
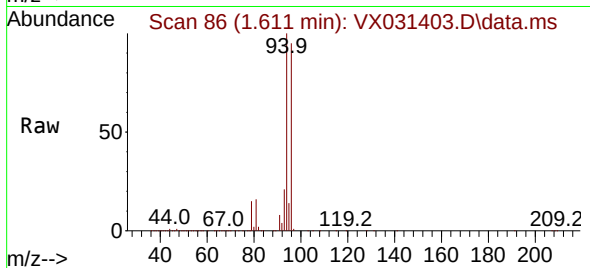
#5
Bromomethane
Concen: 467.760 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC150

Tgt Ion: 94 Resp: 253792
Ion Ratio Lower Upper
94 100
96 95.2 77.0 115.6

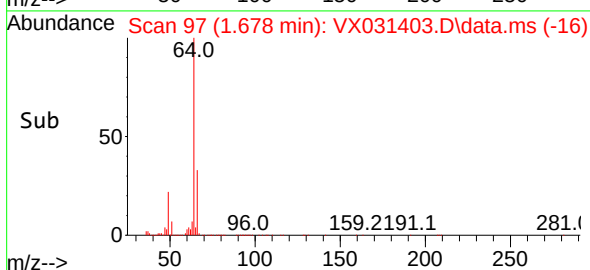
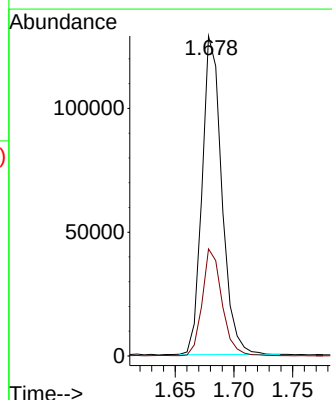
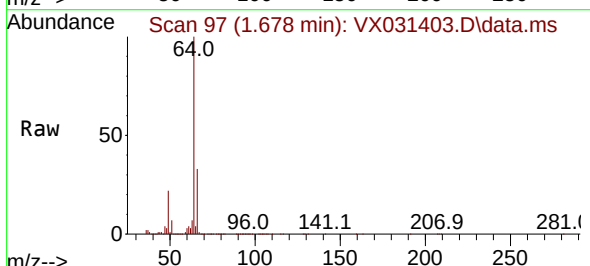
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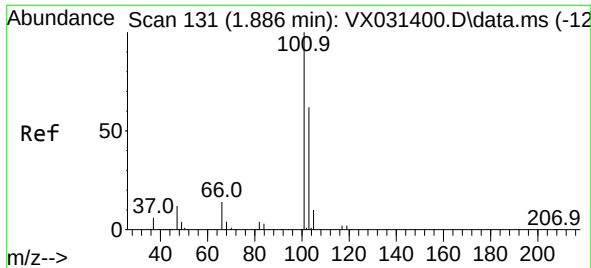
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#6
Chloroethane
Concen: 213.218 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion: 64 Resp: 150370
Ion Ratio Lower Upper
64 100
66 33.5 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 281.448 ug/l
 RT: 1.880 min Scan# 131
 Delta R.T. -0.006 min
 Lab File: VX031403.D
 Acq: 16 Sep 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

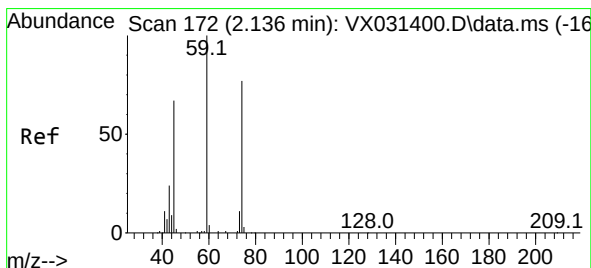
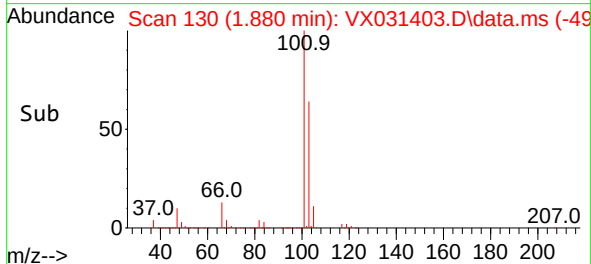
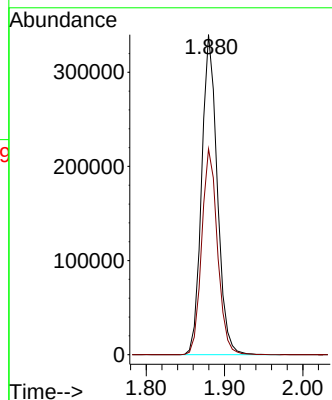
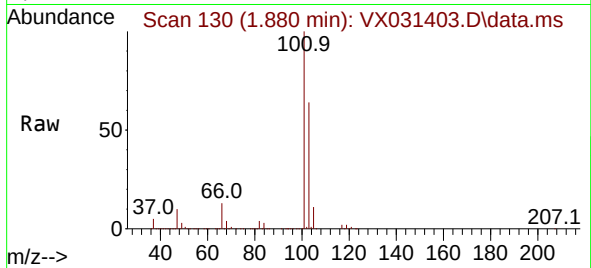
VSTDIC150

Tgt Ion:101 Resp: 469828
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.6 74.4

Manual Integrations

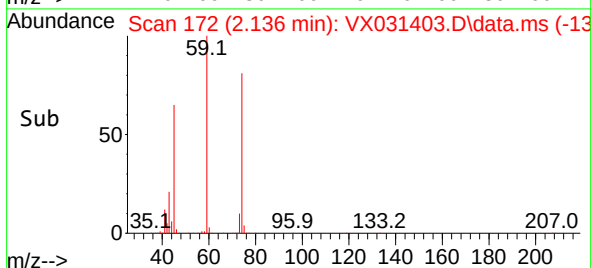
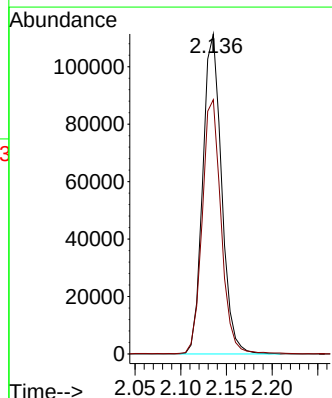
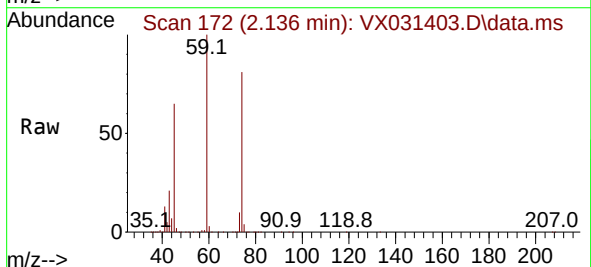
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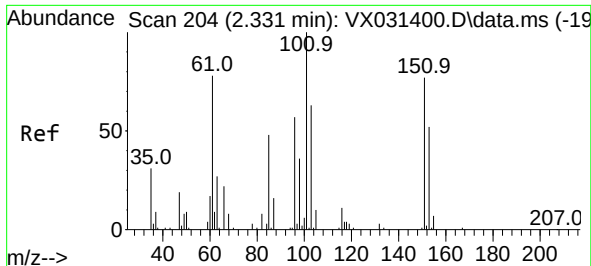
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#8
 Diethyl Ether
 Concen: 224.368 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX031403.D
 Acq: 16 Sep 2022 11:49

Tgt Ion: 74 Resp: 159305
 Ion Ratio Lower Upper
 74 100
 45 79.6 18.7 168.7





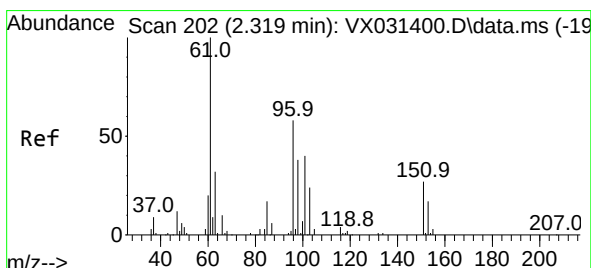
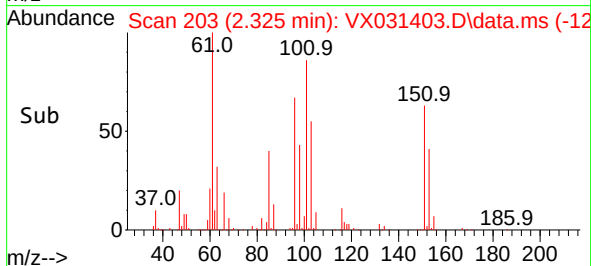
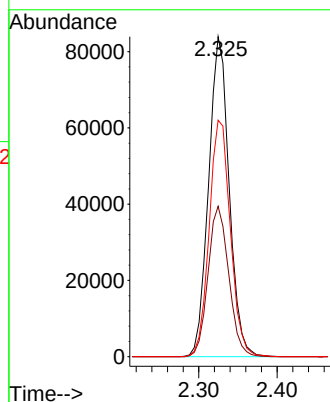
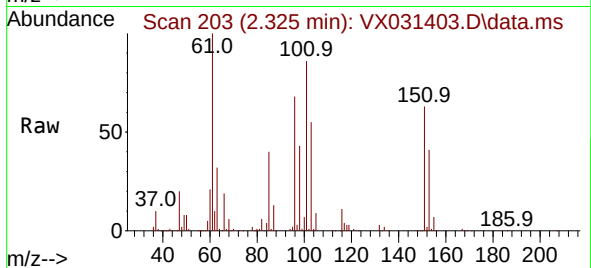
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1,1,2-Trichlorotrifluoroethane
Concen: 136.005 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 15287
Ion Ratio Lower Upper
101 100
85 47.4 0.0 84.6
151 76.1 0.0 165.4

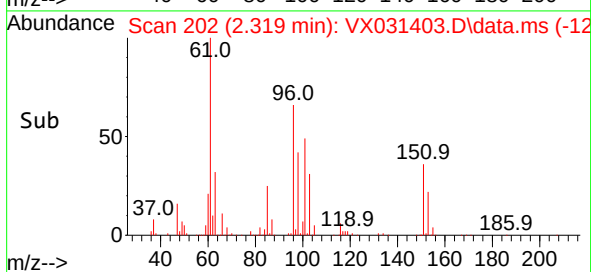
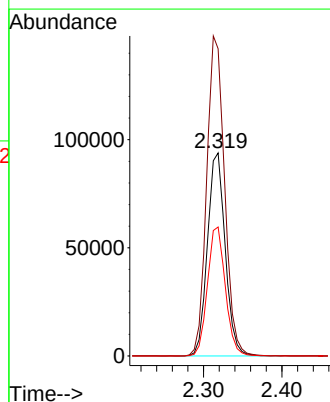
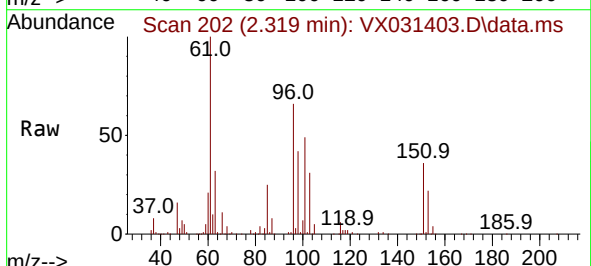
Manual Integrations
APPROVED

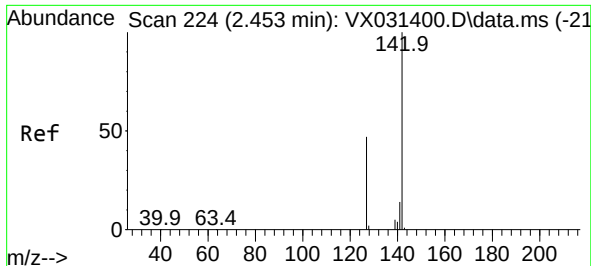
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
1,1-Dichloroethene
Concen: 128.603 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

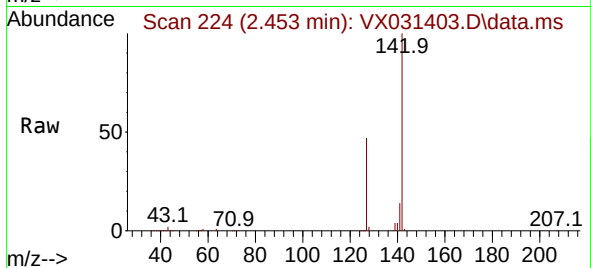
Tgt Ion: 96 Resp: 147601
Ion Ratio Lower Upper
96 100
61 151.2 122.6 183.8
98 63.5 50.1 75.1





#11
Methyl Iodide
Concen: 146.269 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

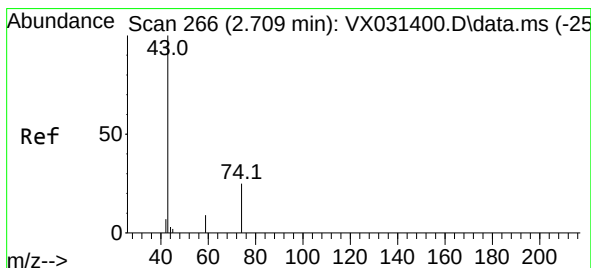
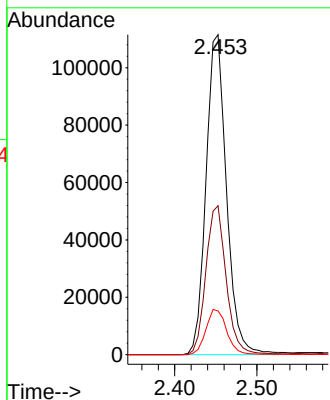
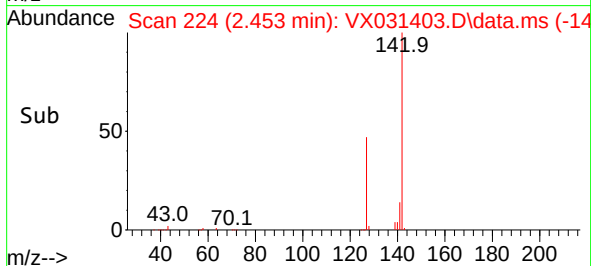
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 193130
Ion Ratio Lower Upper
142 100
127 46.5 22.3 66.9
141 13.6 7.0 20.9

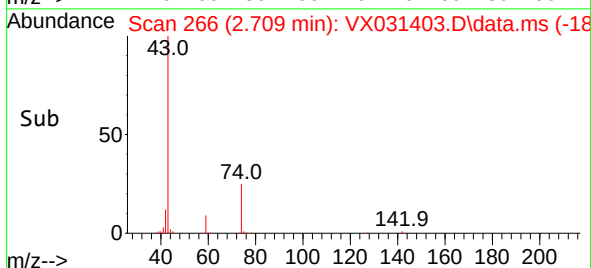
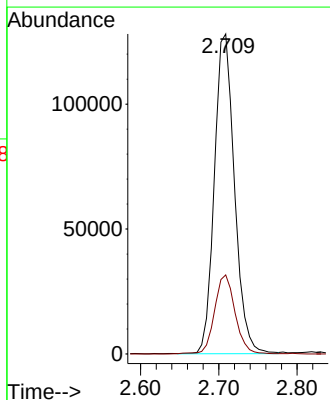
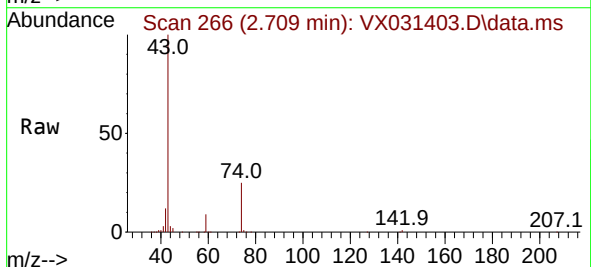
Manual Integrations
APPROVED

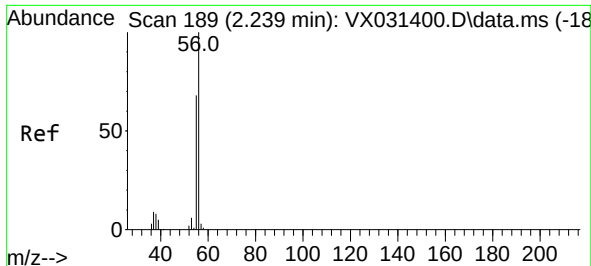
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#12
Methyl Acetate
Concen: 122.290 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

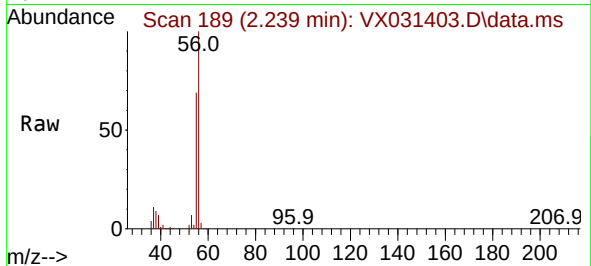
Tgt Ion: 43 Resp: 228583
Ion Ratio Lower Upper
43 100
74 24.6 22.1 33.1





#13
Acrolein
Concen: 708.903 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

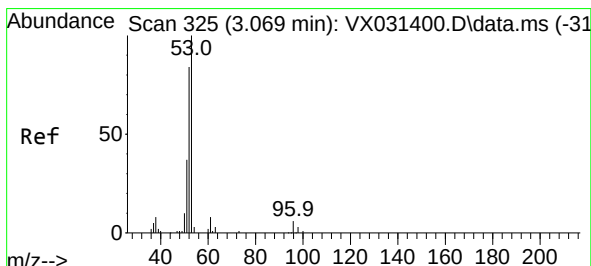
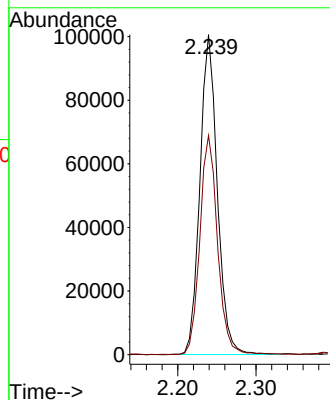
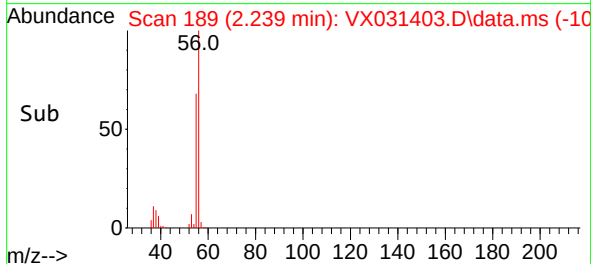
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



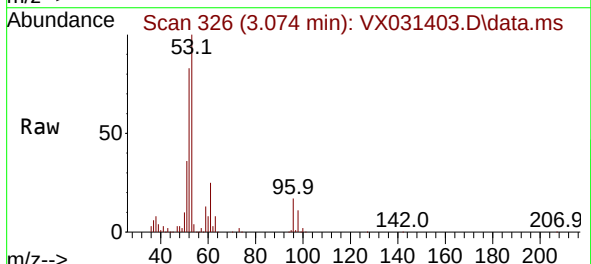
Tgt Ion: 56 Resp: 155660
Ion Ratio Lower Upper
56 100
55 69.1 56.4 84.6

Manual Integrations
APPROVED

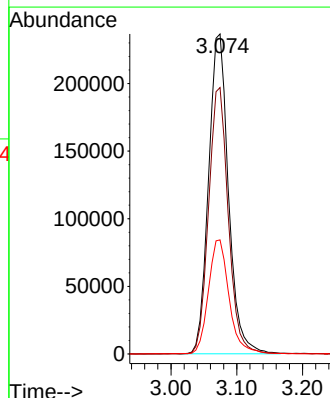
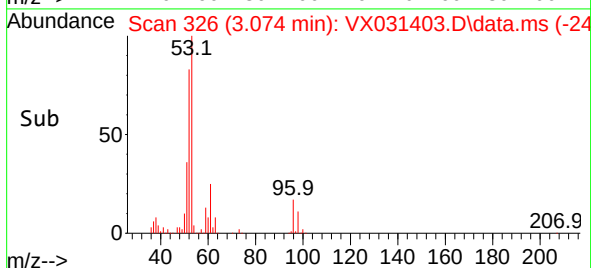
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

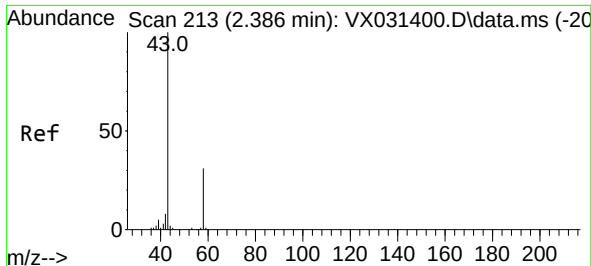


#14
Acrylonitrile
Concen: 619.069 ug/l
RT: 3.074 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49



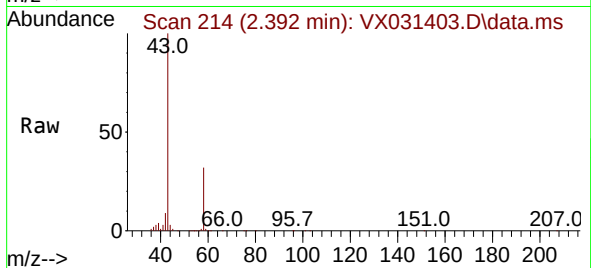
Tgt Ion: 53 Resp: 498026
Ion Ratio Lower Upper
53 100
52 82.6 41.5 124.5
51 37.1 18.1 54.4





#15
Acetone
Concen: 545.003 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

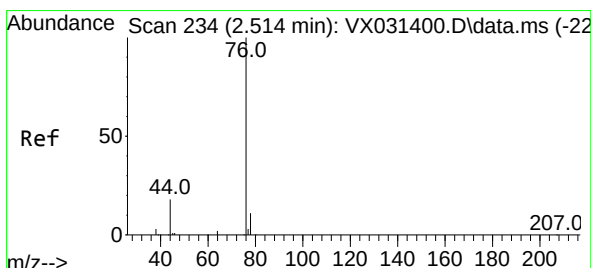
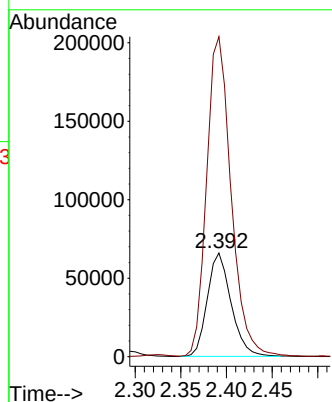
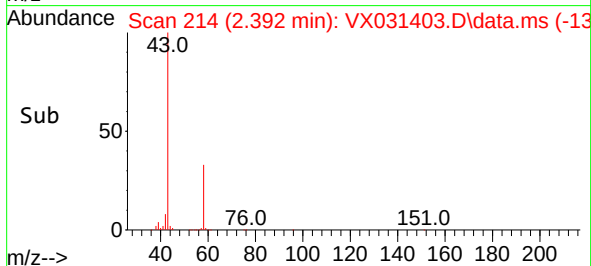
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 58 Resp: 119090
Ion Ratio Lower Upper
58 100
43 308.9 250.2 375.2

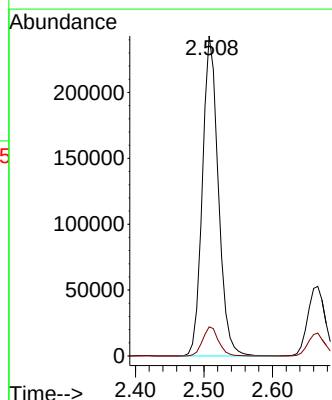
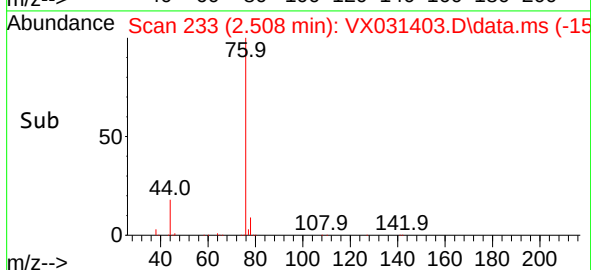
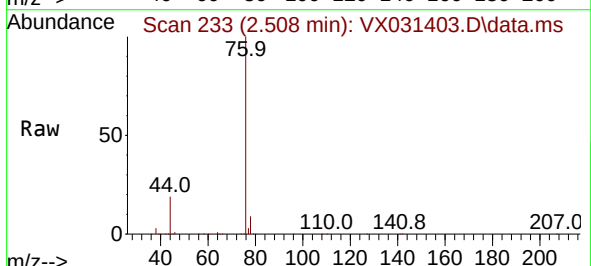
Manual Integrations
APPROVED

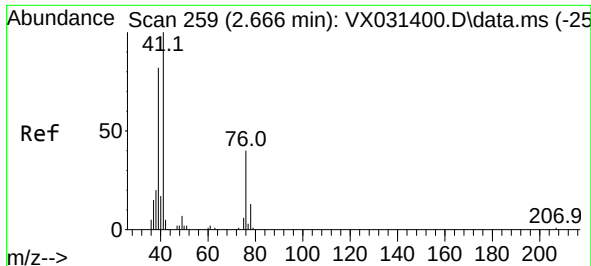
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#16
Carbon Disulfide
Concen: 131.131 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion: 76 Resp: 392879
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#17
 Allyl chloride
 Concen: 121.229 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.006 min
 Lab File: VX031403.D
 Acq: 16 Sep 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

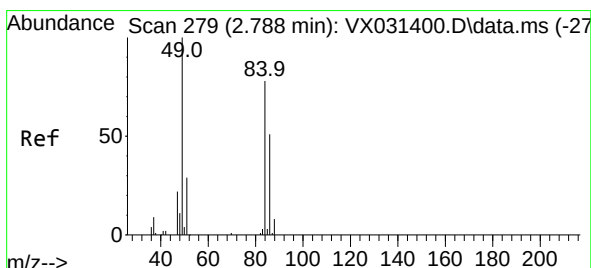
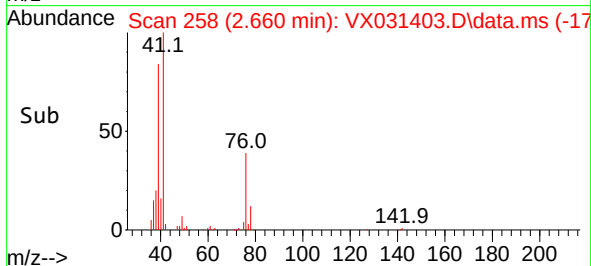
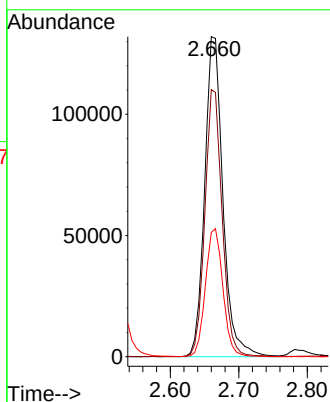
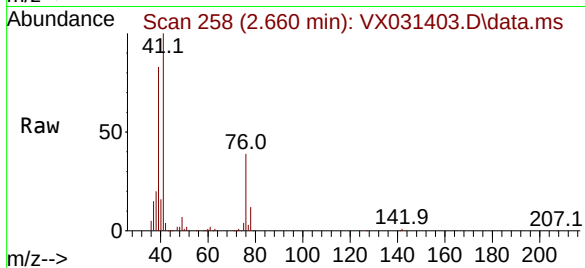
VSTDICC150

Tgt Ion: 41 Resp: 245199
 Ion Ratio Lower Upper
 41 100
 39 83.4 35.4 106.1
 76 38.8 18.4 55.4

Manual Integrations

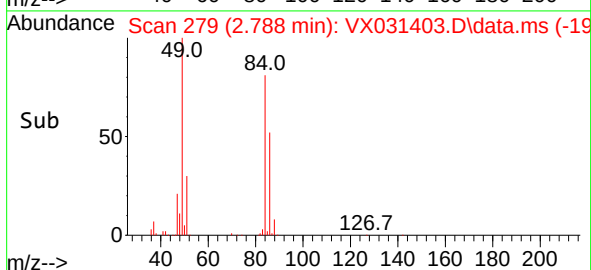
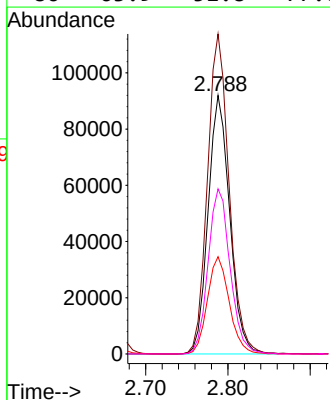
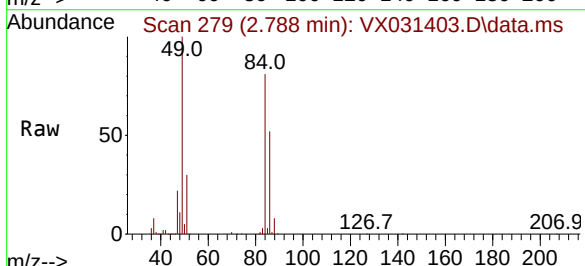
APPROVED

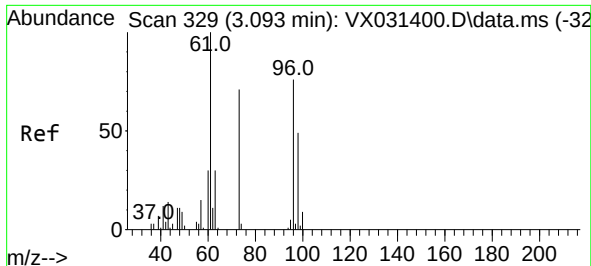
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#18
 Methylene Chloride
 Concen: 125.750 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX031403.D
 Acq: 16 Sep 2022 11:49

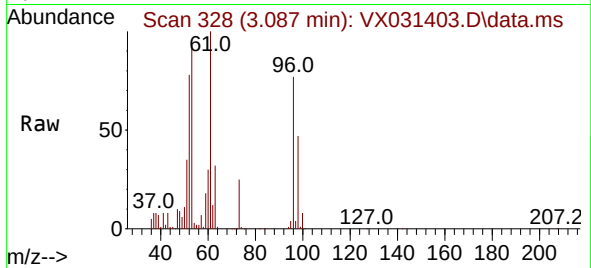
Tgt Ion: 84 Resp: 168147
 Ion Ratio Lower Upper
 84 100
 49 123.8 94.2 141.2
 51 37.6 29.2 43.8
 86 63.9 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 158.455 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

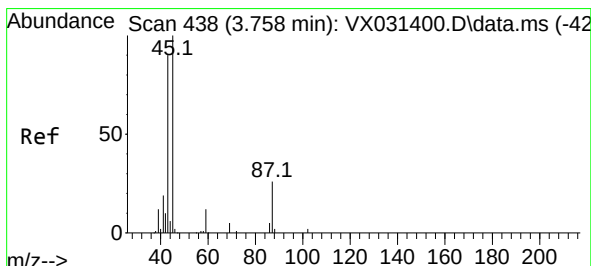
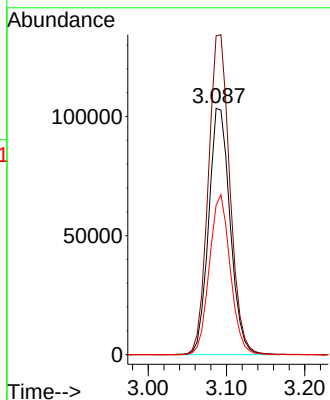
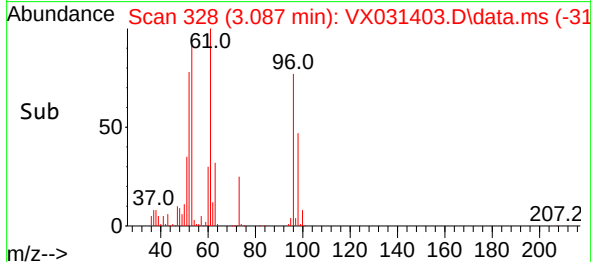
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 19735
Ion Ratio Lower Upper
96 100
61 129.3 108.7 163.1
98 60.7 49.2 73.8

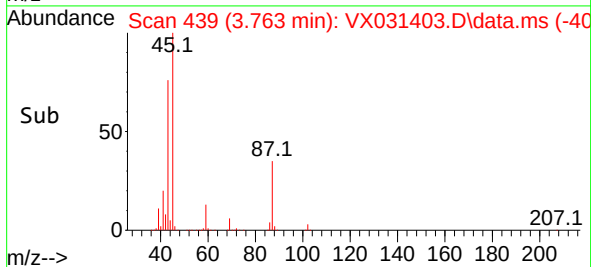
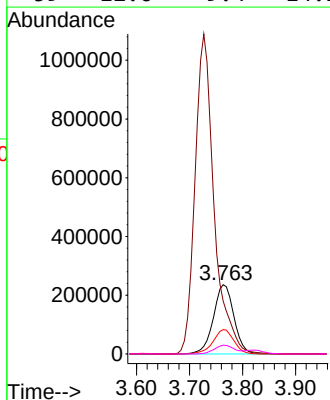
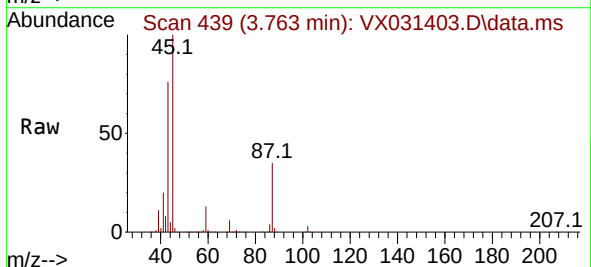
Manual Integrations
APPROVED

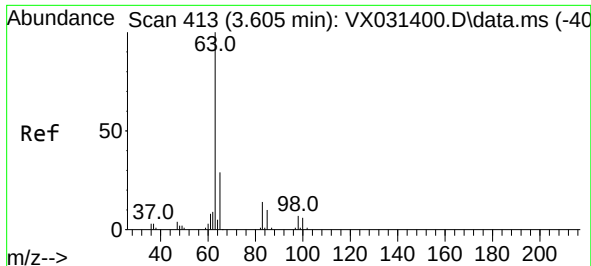
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Diisopropyl ether
Concen: 156.061 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion: 45 Resp: 632332
Ion Ratio Lower Upper
45 100
43 76.1 70.3 105.5
87 35.1 24.5 36.7
59 12.6 9.4 14.2





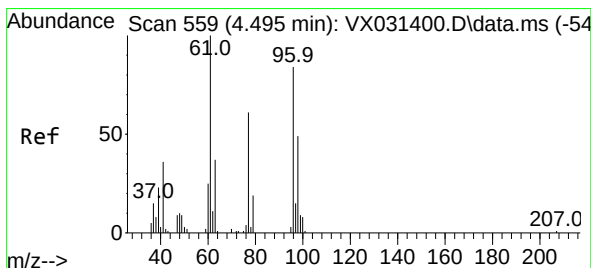
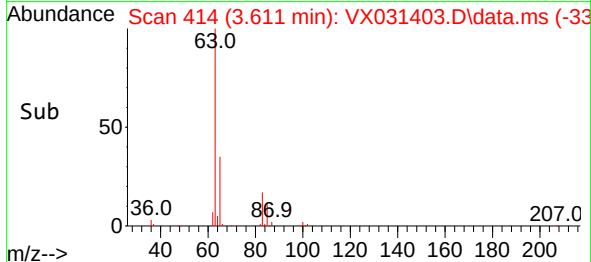
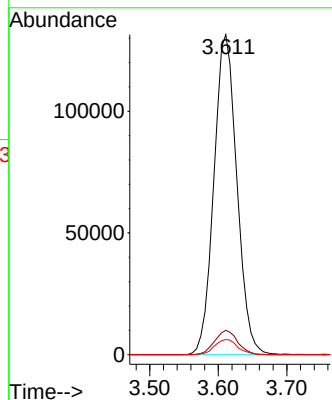
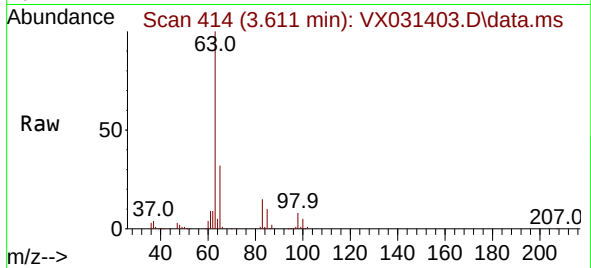
#21
1,1-Dichloroethane
Concen: 140.307 ug/l
RT: 3.611 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 306050
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.2
100 4.7 2.5 7.5

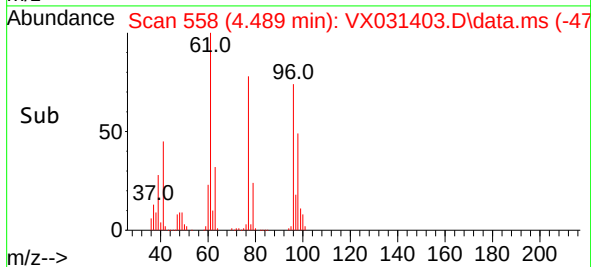
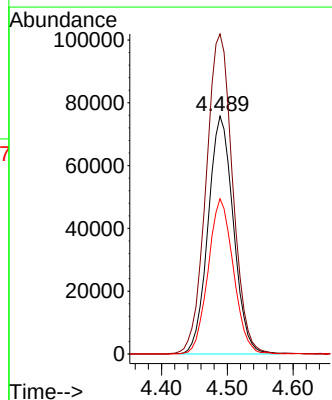
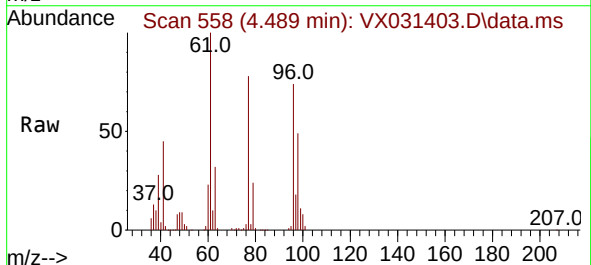
Manual Integrations
APPROVED

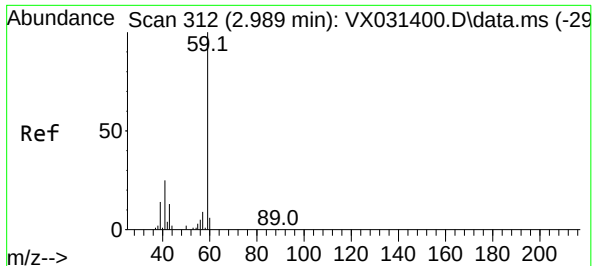
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
cis-1,2-Dichloroethene
Concen: 137.114 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion: 96 Resp: 202782
Ion Ratio Lower Upper
96 100
61 141.4 107.4 161.2
98 65.2 51.1 76.7





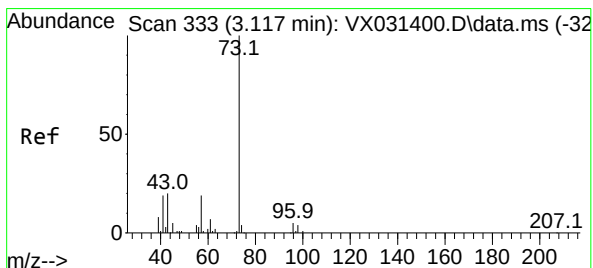
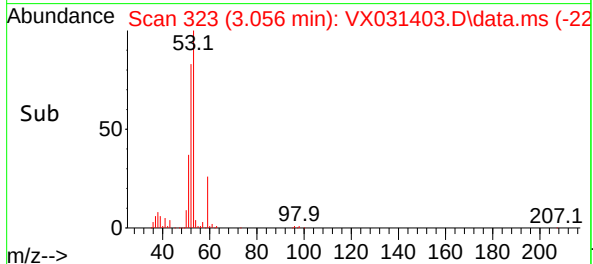
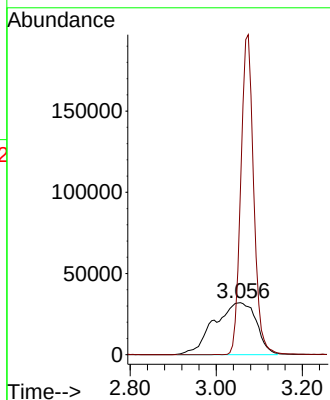
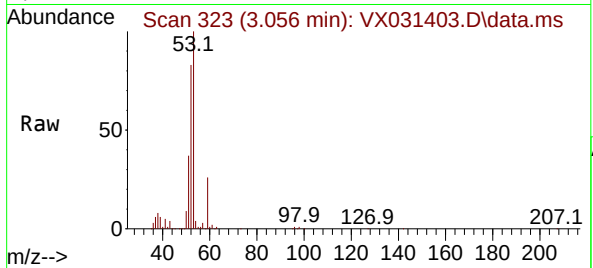
#23
tert-Butyl Alcohol
Concen: 591.624 ug/l m
RT: 3.056 min Scan# 312
Delta R.T. 0.079 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 21803
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

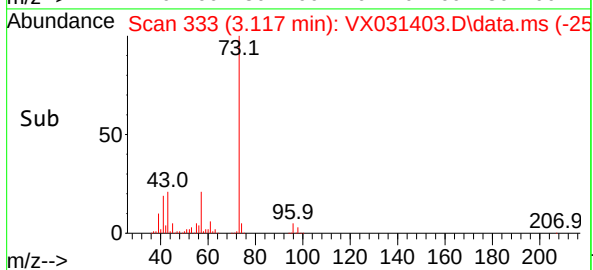
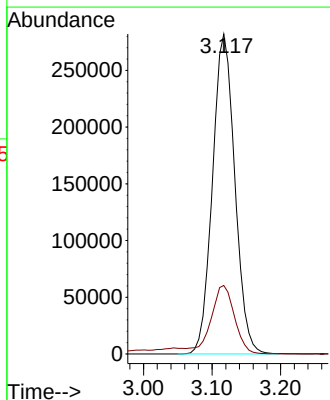
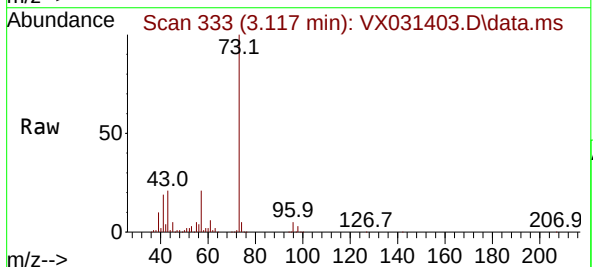
Manual Integrations
APPROVED

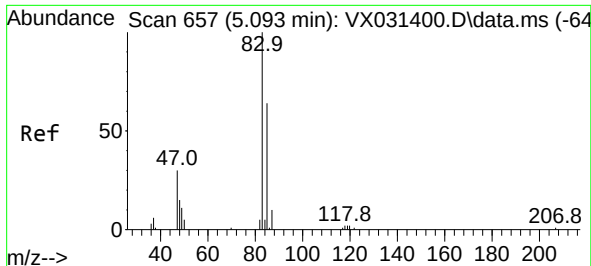
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#24
Methyl tert-Butyl Ether
Concen: 172.409 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

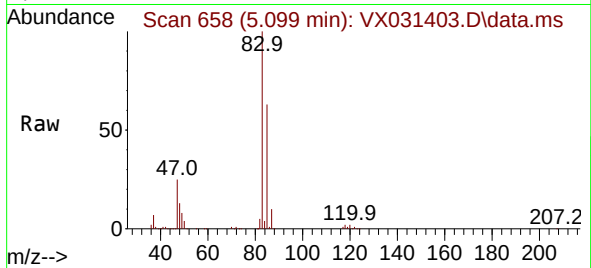
Tgt Ion: 73 Resp: 638366
Ion Ratio Lower Upper
73 100
43 21.9 16.0 24.0





#25
Chloroform
Concen: 178.919 ug/l
RT: 5.099 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

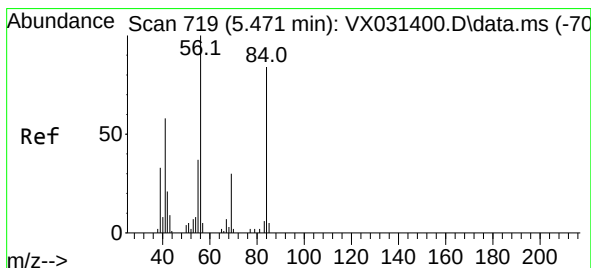
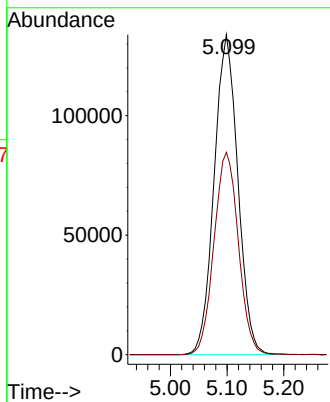
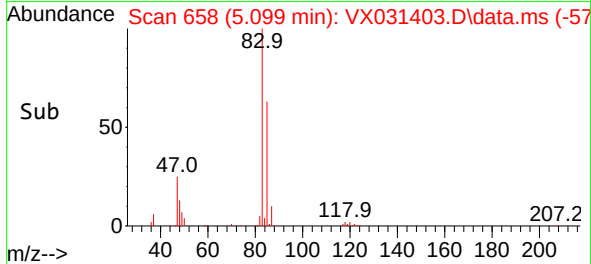
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 38895
Ion Ratio Lower Upper
83 100
85 63.2 49.9 74.9

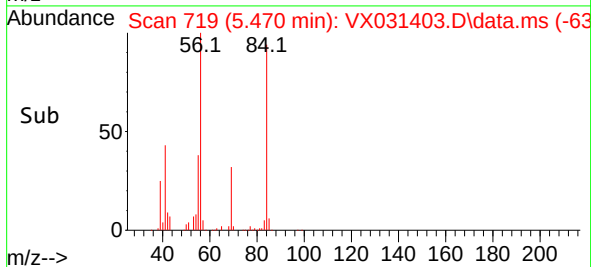
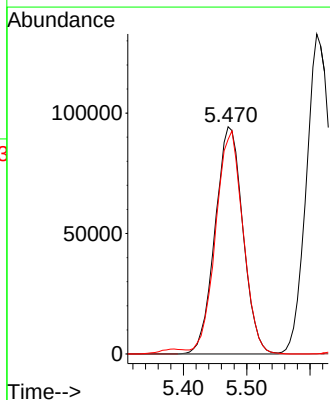
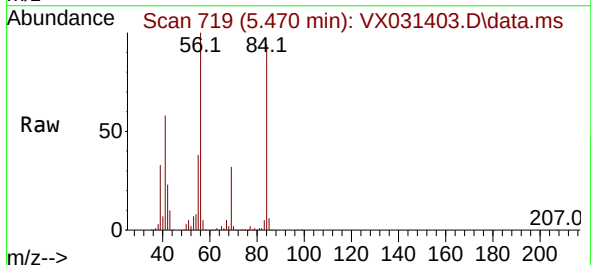
Manual Integrations
APPROVED

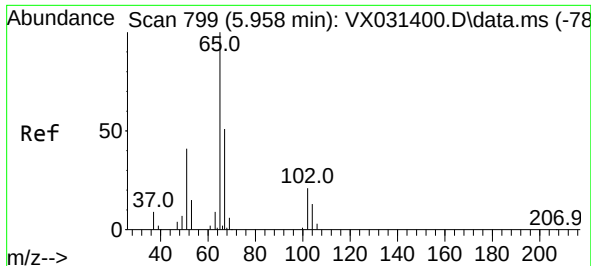
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#26
Cyclohexane
Concen: 142.673 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

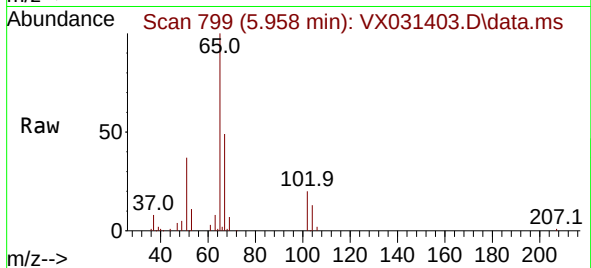
Tgt Ion: 56 Resp: 288345
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 96.6 76.2 114.2





#27
1,2-Dichloroethane-d4
Concen: 33.029 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

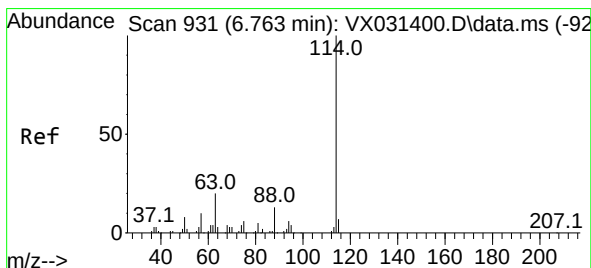
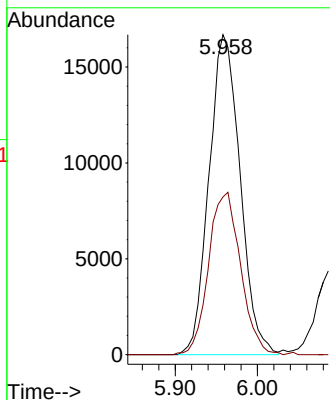
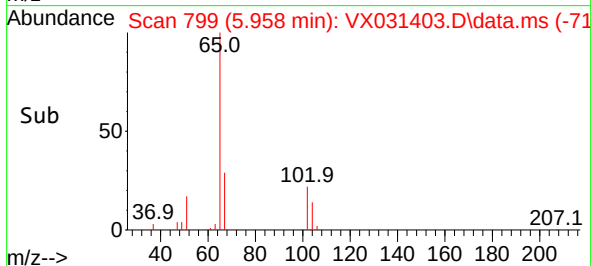
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



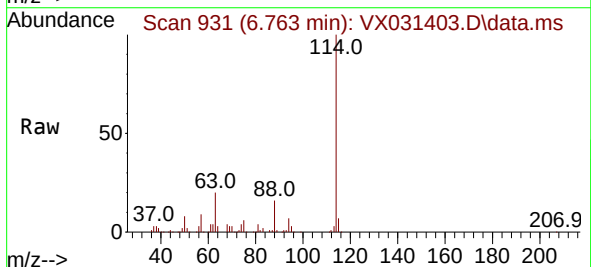
Tgt Ion: 65 Resp: 43894
Ion Ratio Lower Upper
65 100
67 52.1 42.3 63.5

Manual Integrations
APPROVED

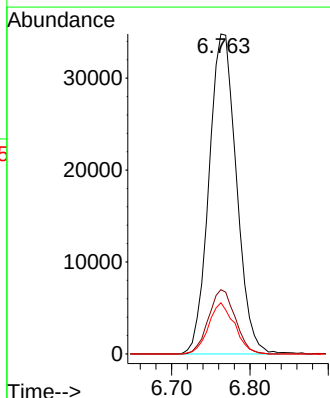
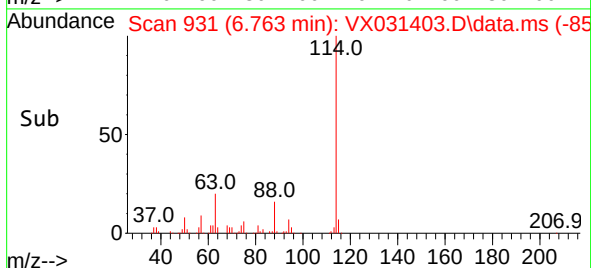
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

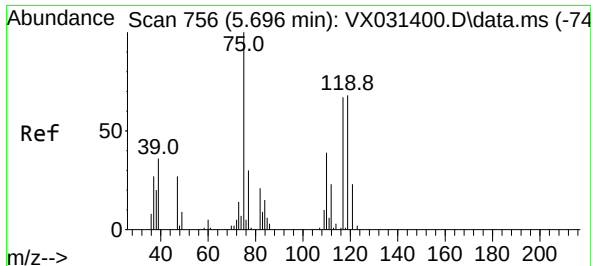


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49



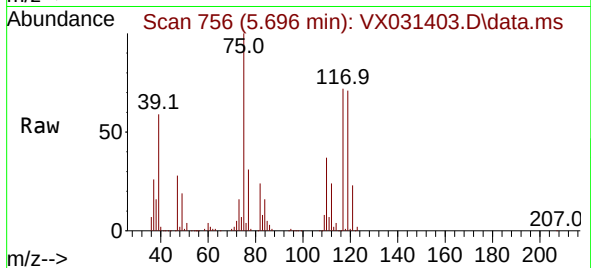
Tgt Ion:114 Resp: 84744
Ion Ratio Lower Upper
114 100
63 19.5 15.3 22.9
88 15.2 12.2 18.4





#29
1,1-Dichloropropene
Concen: 177.416 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

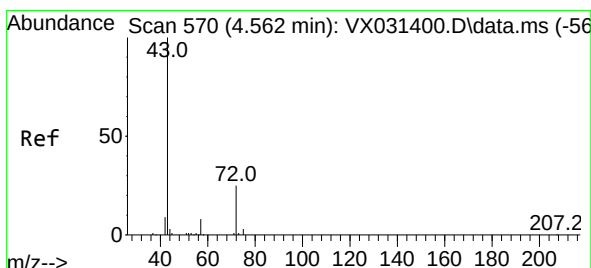
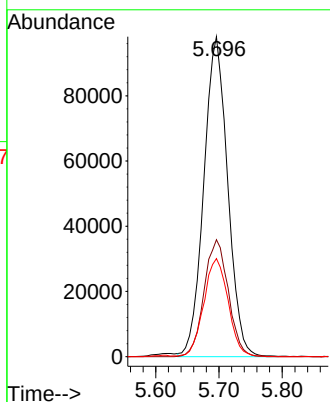
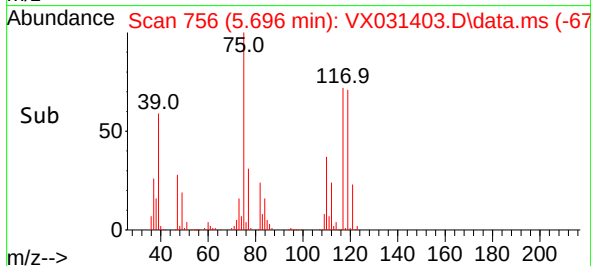
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



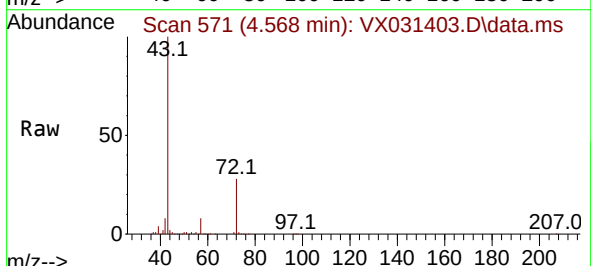
Tgt Ion: 75 Resp: 257199
Ion Ratio Lower Upper
75 100
110 37.0 0.0 73.6
77 31.3 0.0 62.2

Manual Integrations
APPROVED

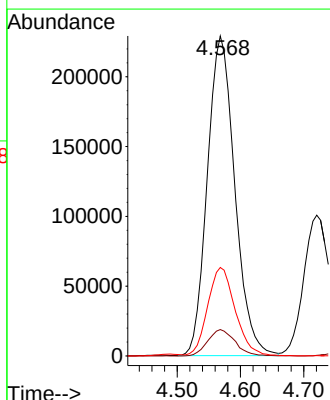
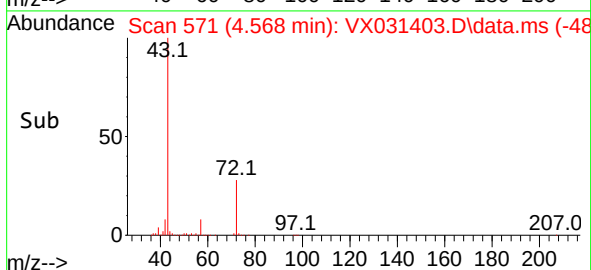
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

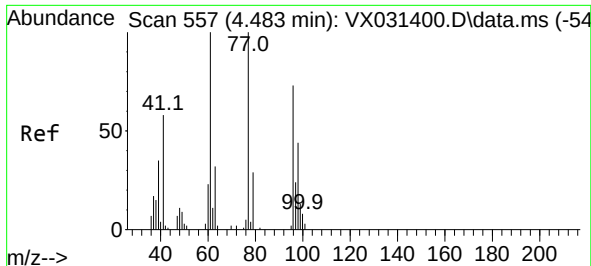


#30
2-Butanone
Concen: 705.160 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49



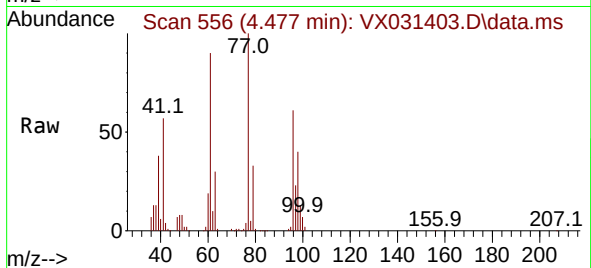
Tgt Ion: 43 Resp: 690000
Ion Ratio Lower Upper
43 100
57 8.2 6.6 10.0
72 27.8 22.1 33.1





#31
2,2-Dichloropropane
Concen: 204.532 ug/l
RT: 4.477 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

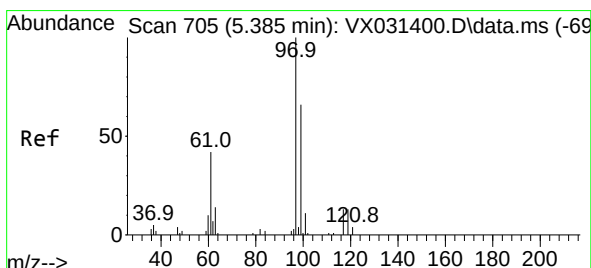
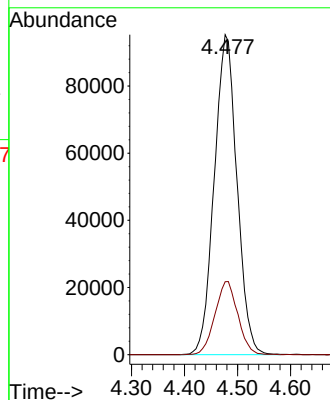
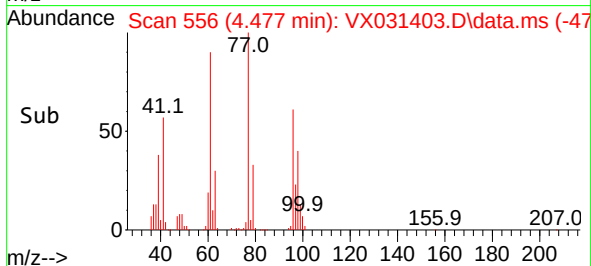
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 77 Resp: 28339
Ion Ratio Lower Upper
77 100
97 23.0 18.4 27.6

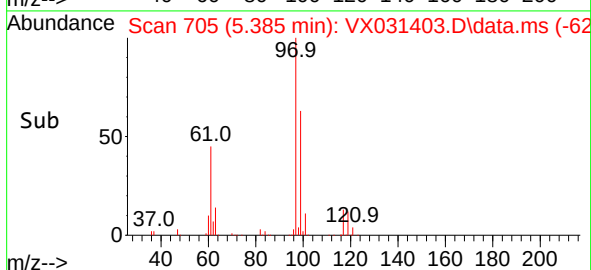
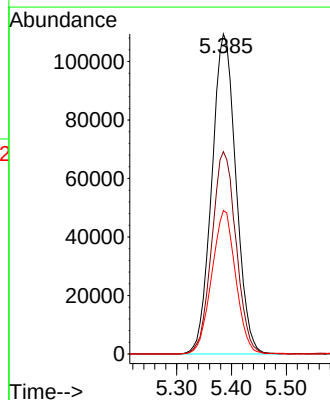
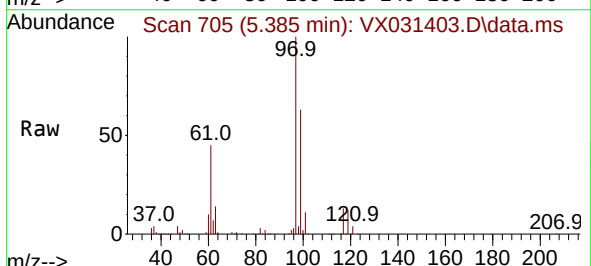
Manual Integrations
APPROVED

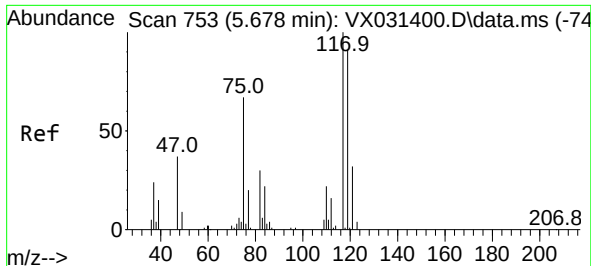
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#32
1,1,1-Trichloroethane
Concen: 214.778 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

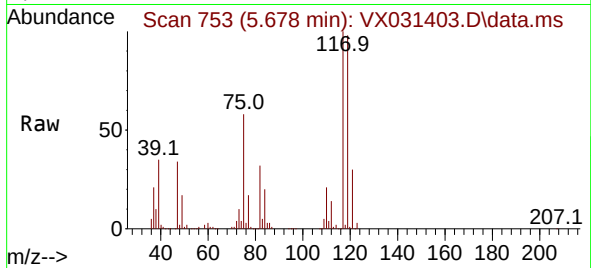
Tgt Ion: 97 Resp: 334796
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 44.4 33.4 50.0





#33
Carbon Tetrachloride
Concen: 227.855 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

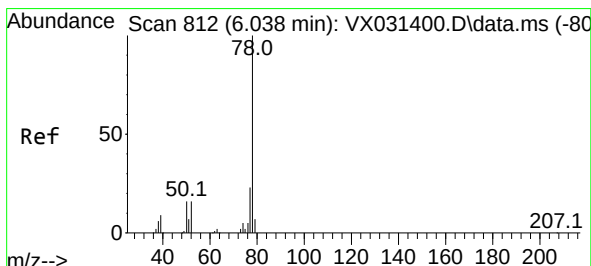
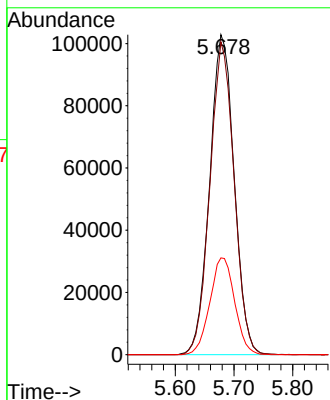
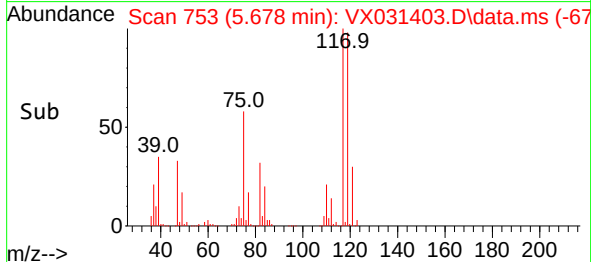
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



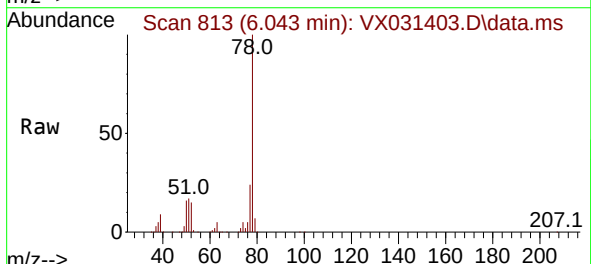
Tgt Ion: 117 Resp: 298315
Ion Ratio Lower Upper
117 100
119 97.7 75.3 112.9
121 30.2 24.1 36.1

Manual Integrations
APPROVED

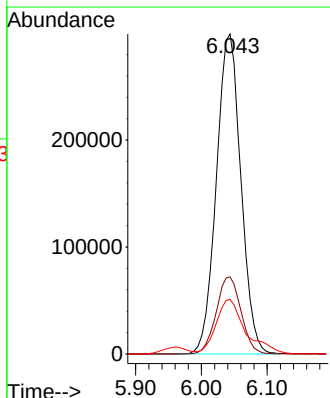
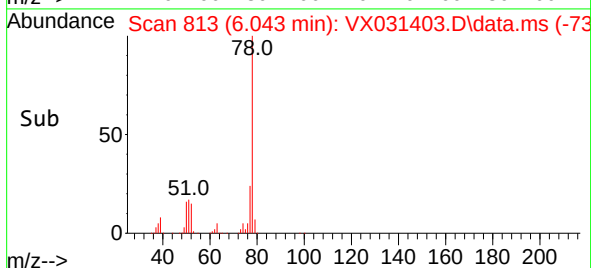
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

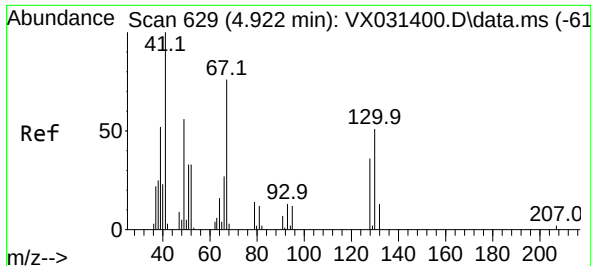


#34
Benzene
Concen: 166.793 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49



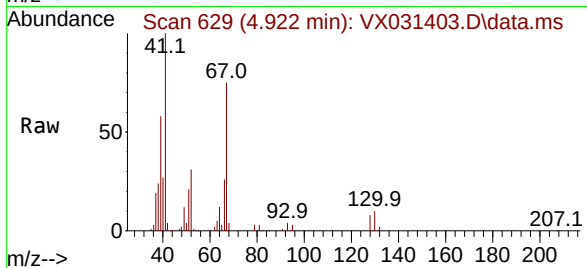
Tgt Ion: 78 Resp: 777035
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7
51 16.1 12.9 19.3





#35
Methacrylonitrile
Concen: 154.169 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

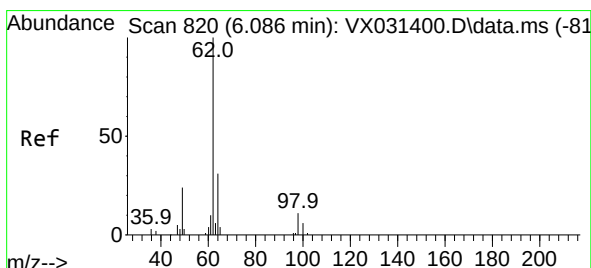
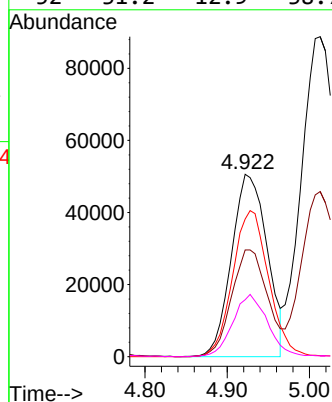
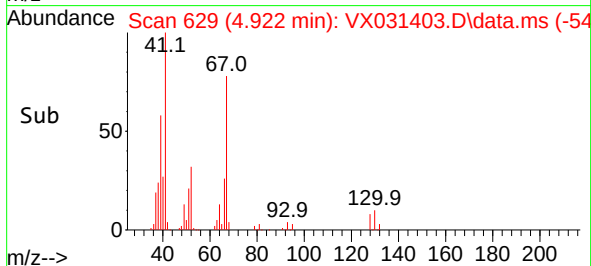
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 152694
Ion Ratio Lower Upper
41 100
39 58.5 27.0 81.0
67 75.5 33.3 99.8
52 31.2 12.9 38.7

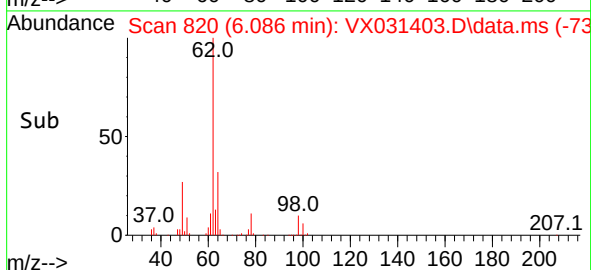
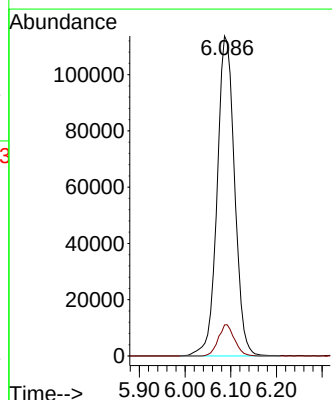
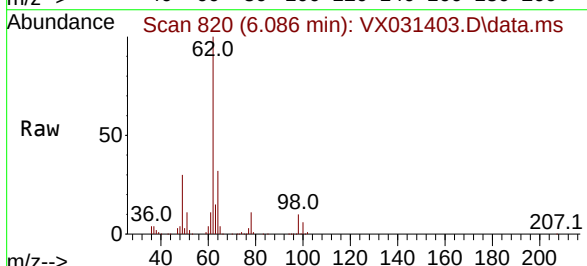
Manual Integrations
APPROVED

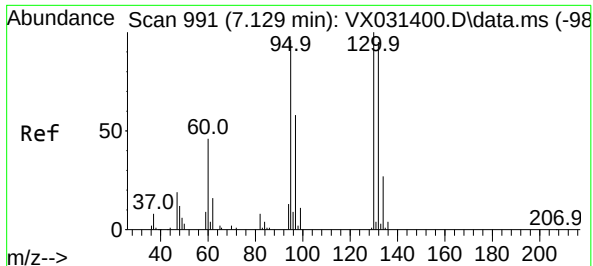
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#36
1,2-Dichloroethane
Concen: 213.231 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion: 62 Resp: 302396
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0





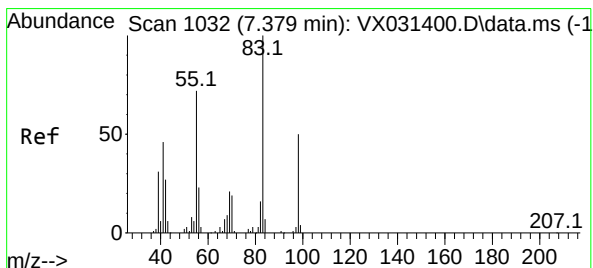
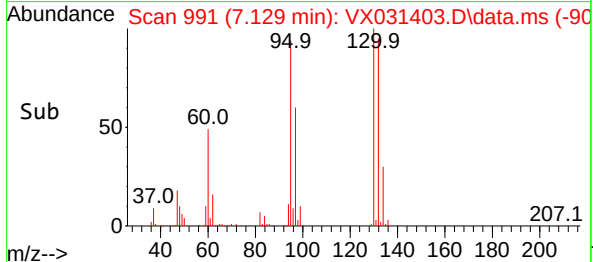
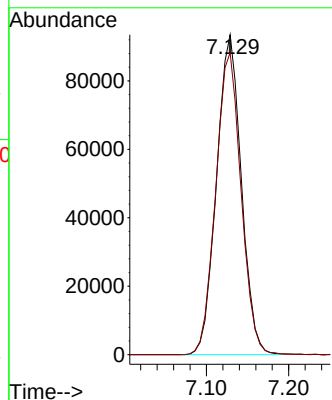
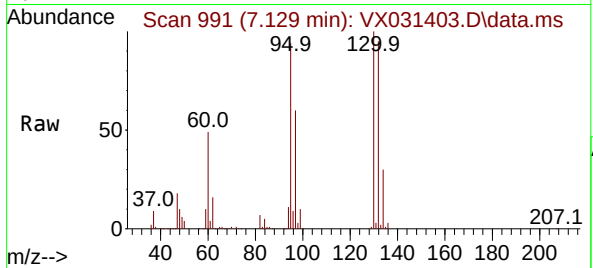
#37
Trichloroethene
Concen: 157.118 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:130 Resp: 195758
Ion Ratio Lower Upper
130 100
95 94.4 76.5 114.7

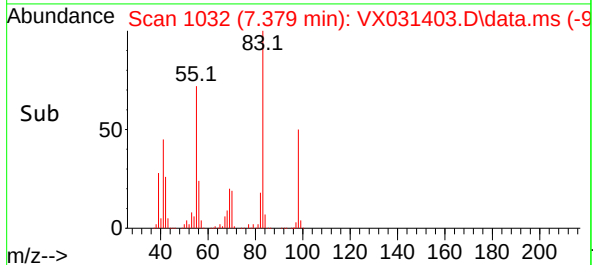
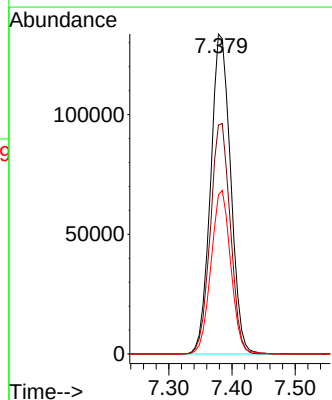
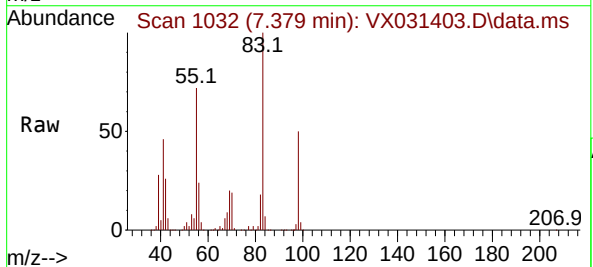
Manual Integrations
APPROVED

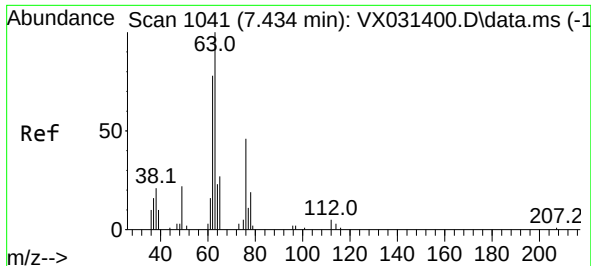
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#38
Methylcyclohexane
Concen: 156.309 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion: 83 Resp: 294029
Ion Ratio Lower Upper
83 100
55 71.7 37.0 110.9
98 50.5 25.9 77.8





#39

1,2-Dichloropropane

Concen: 148.788 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX031403.D

Acq: 16 Sep 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 176448

Ion Ratio Lower Upper

63 100

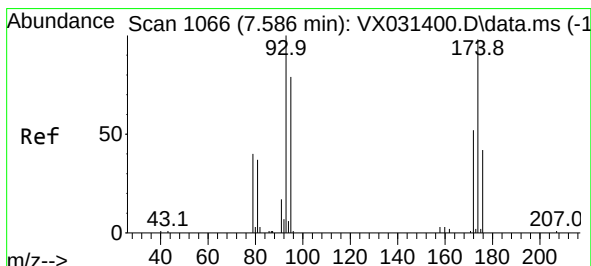
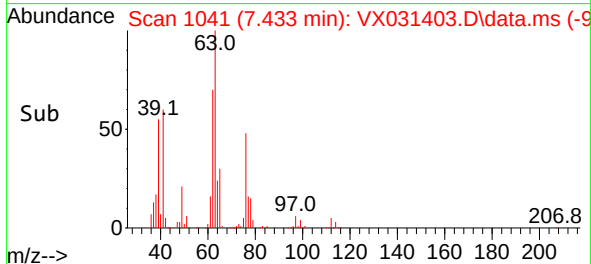
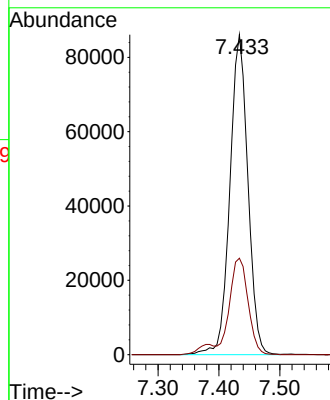
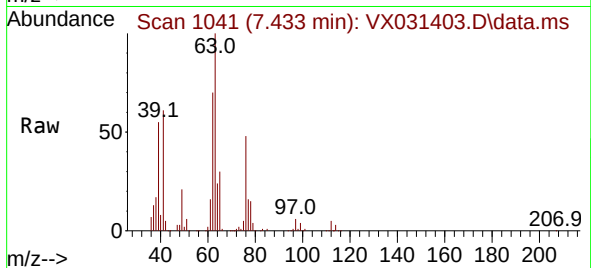
65 30.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Dibromomethane

Concen: 172.531 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX031403.D

Acq: 16 Sep 2022 11:49

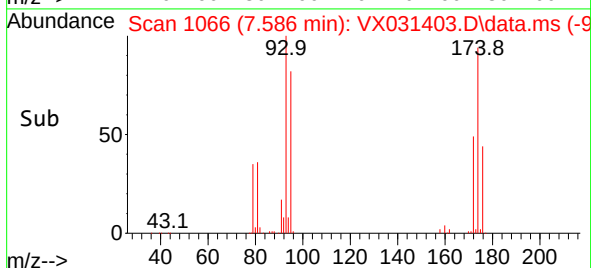
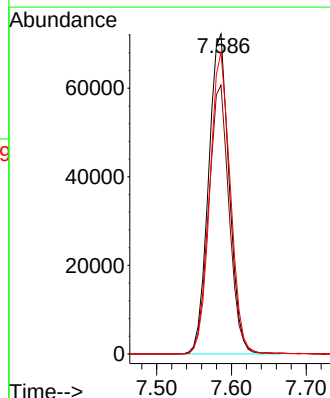
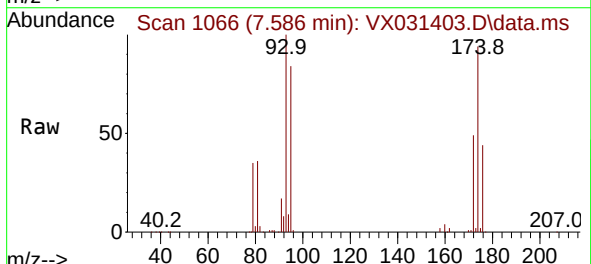
Tgt Ion: 93 Resp: 138689

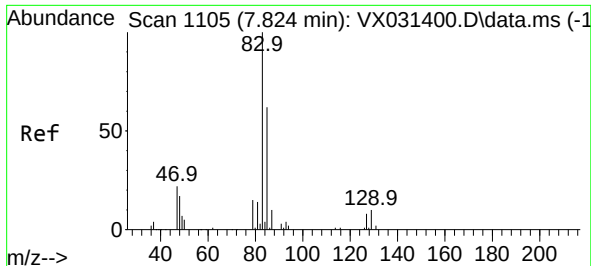
Ion Ratio Lower Upper

93 100

95 83.0 0.0 168.8

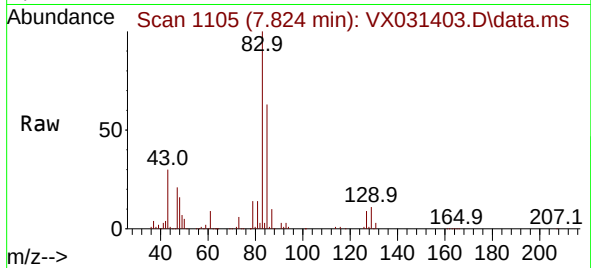
174 93.1 0.0 220.8





#41
Bromodichloromethane
Concen: 204.197 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

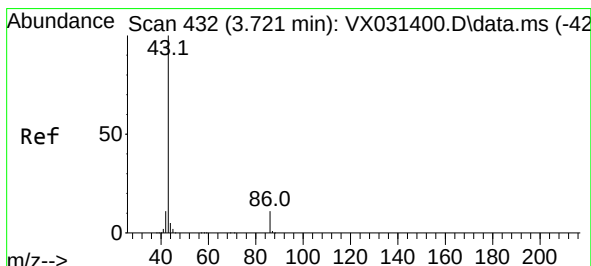
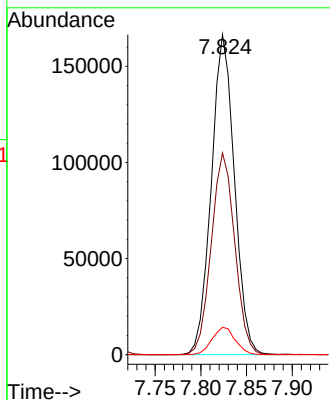
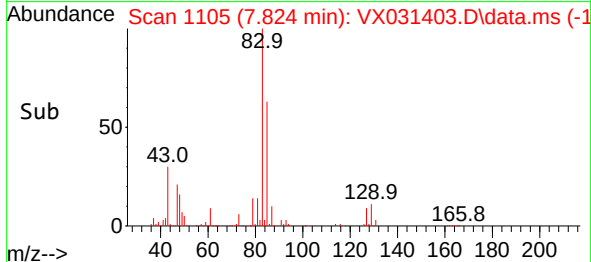
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 293214
Ion Ratio Lower Upper
83 100
85 63.0 50.6 75.8
127 8.6 7.0 10.6

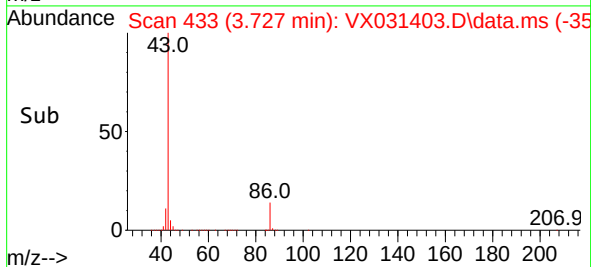
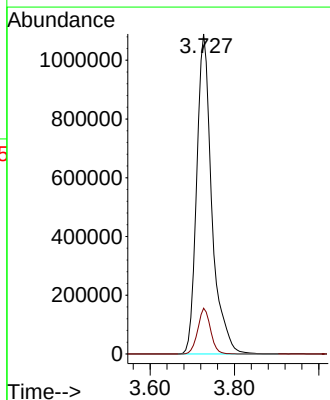
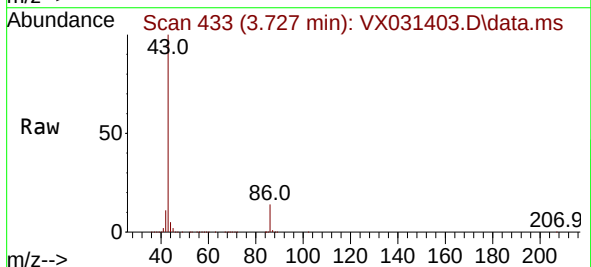
Manual Integrations
APPROVED

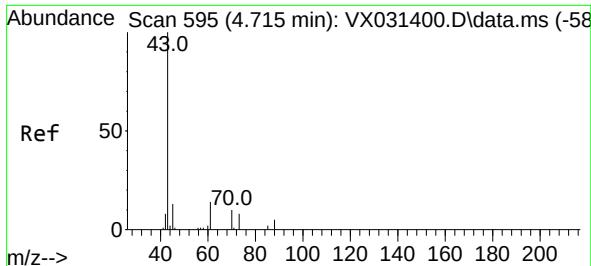
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#42
Vinyl Acetate
Concen: 868.625 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion: 43 Resp: 2718096
Ion Ratio Lower Upper
43 100
86 12.0 8.5 12.7





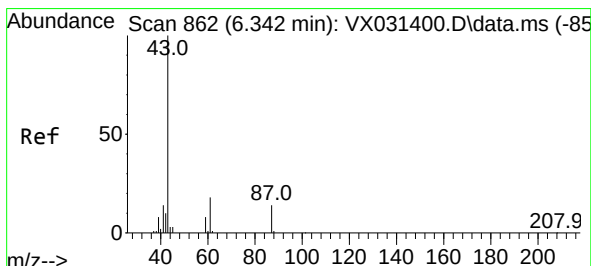
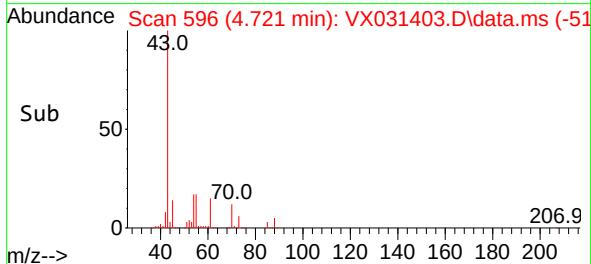
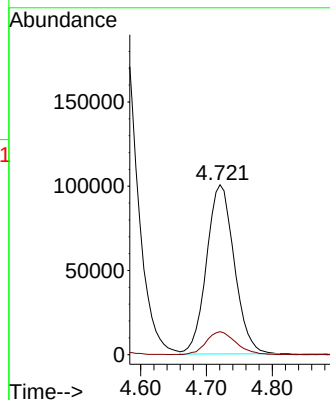
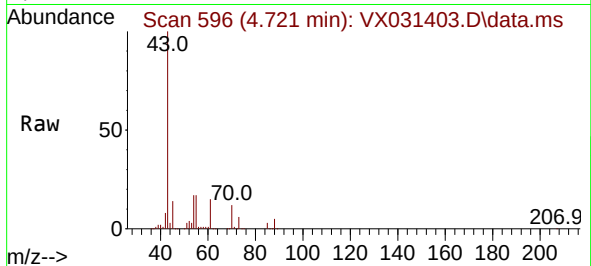
#43
Ethyl Acetate
Concen: 159.868 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 294660
Ion Ratio Lower Upper
43 100
45 14.7 11.8 17.6

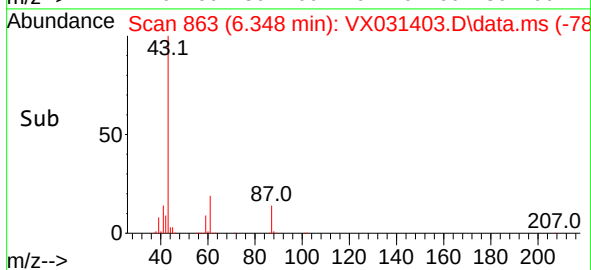
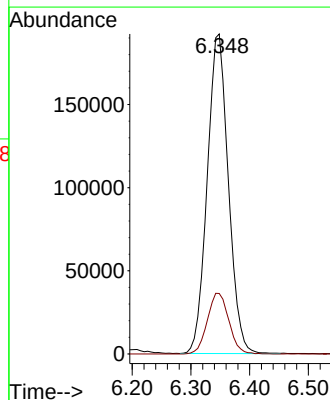
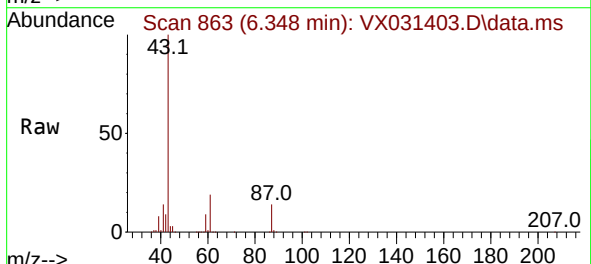
Manual Integrations
APPROVED

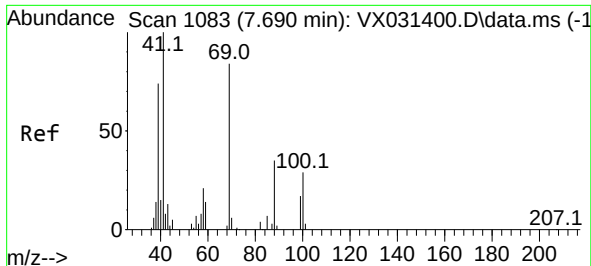
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#44
Isopropyl Acetate
Concen: 171.403 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

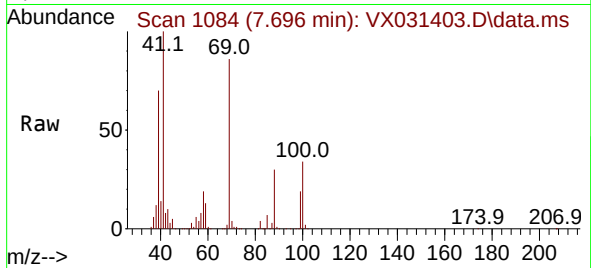
Tgt Ion: 43 Resp: 479941
Ion Ratio Lower Upper
43 100
61 19.3 17.0 25.4





#45
1,4-Dioxane
Concen: 2887.006 ug/l
RT: 7.696 min Scan# 1083
Delta R.T. 0.018 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

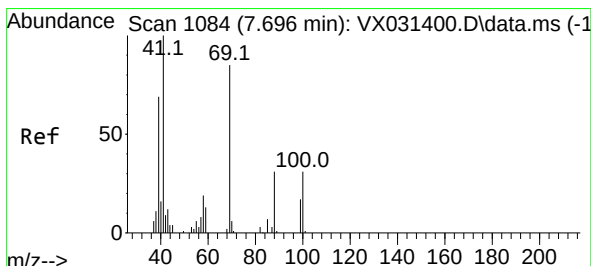
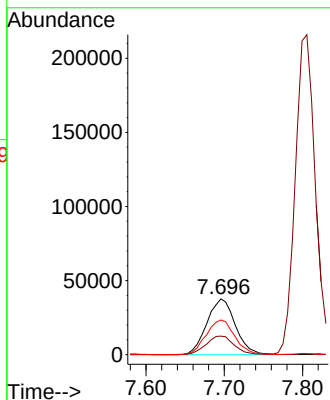
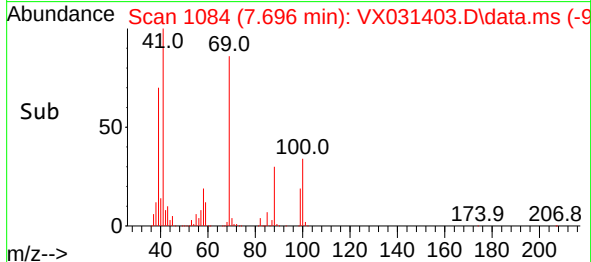
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 9489
Ion Ratio Lower Upper
88 100
43 32.8 25.8 38.6
58 62.7 54.8 82.2

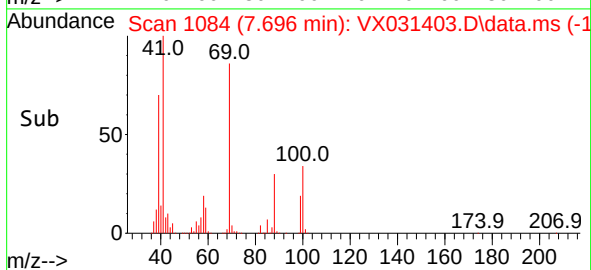
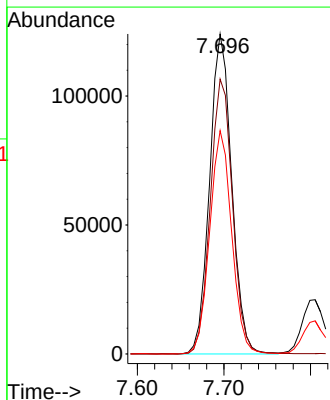
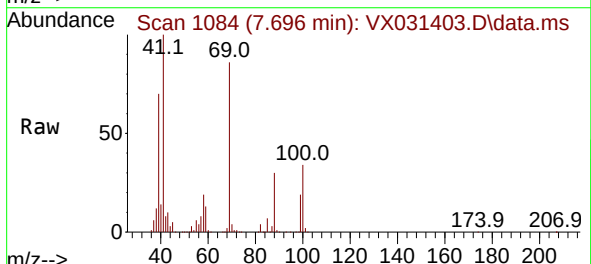
Manual Integrations
APPROVED

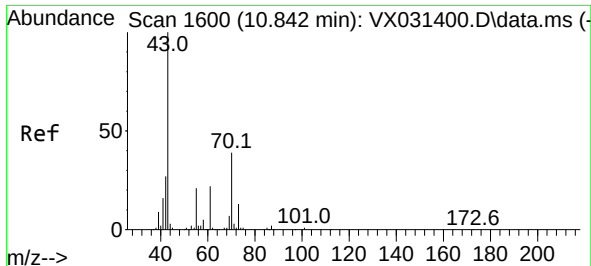
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#46
Methyl methacrylate
Concen: 165.776 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

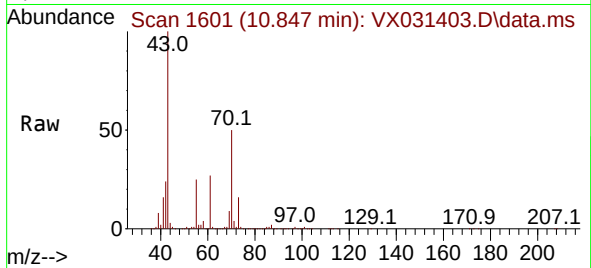
Tgt Ion: 41 Resp: 219974
Ion Ratio Lower Upper
41 100
69 85.9 41.9 125.8
39 69.8 27.5 82.5





#47
n-amy1 Acetate
Concen: 185.594 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

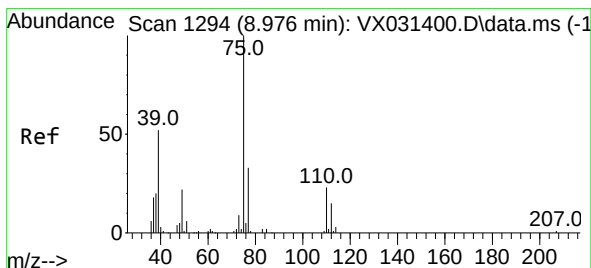
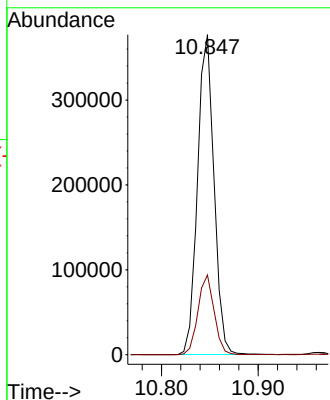
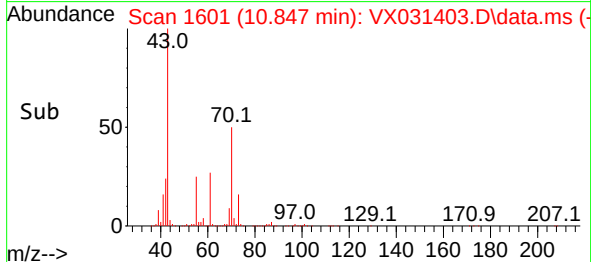
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



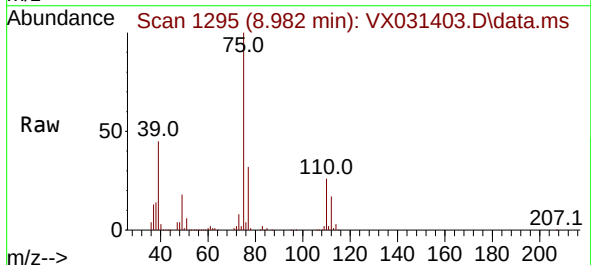
Tgt Ion: 43 Resp: 446434
Ion Ratio Lower Upper
43 100
55 24.4 20.4 30.6

Manual Integrations
APPROVED

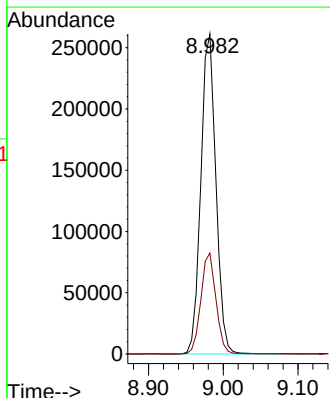
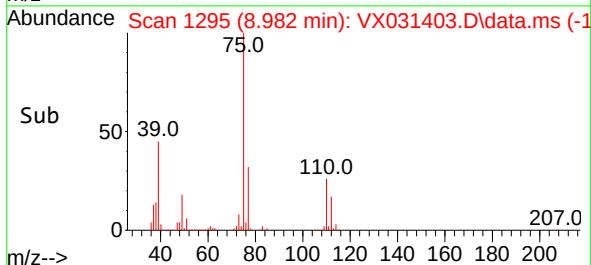
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

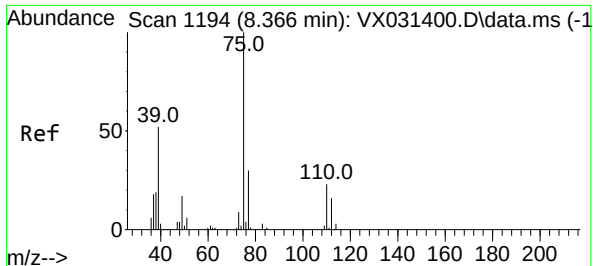


#48
t-1,3-Dichloropropene
Concen: 230.143 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49



Tgt Ion: 75 Resp: 365207
Ion Ratio Lower Upper
75 100
77 31.6 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 195.729 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX031403.D

Acq: 16 Sep 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

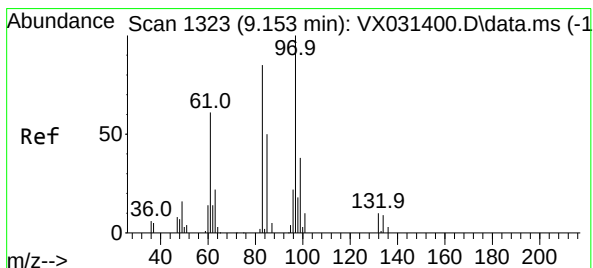
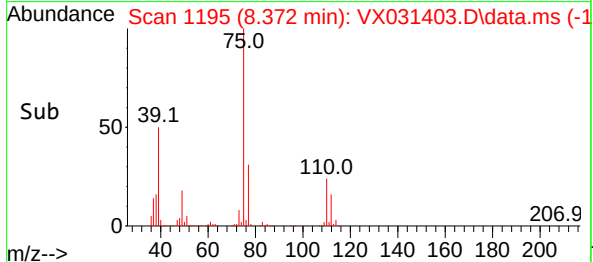
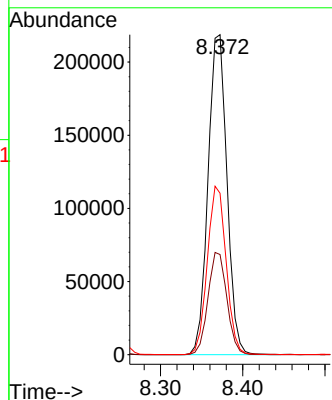
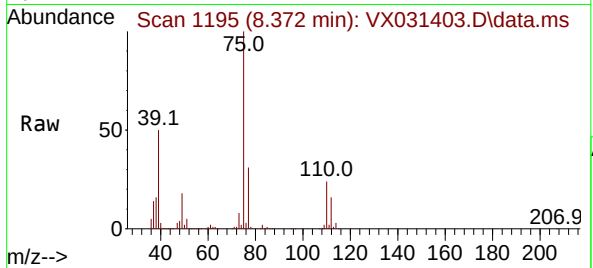
VSTDICC150

Tgt Ion:	75	Resp:	348770
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.2	37.8
39	50.4	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#50

1,1,2-Trichloroethane

Concen: 201.525 ug/l

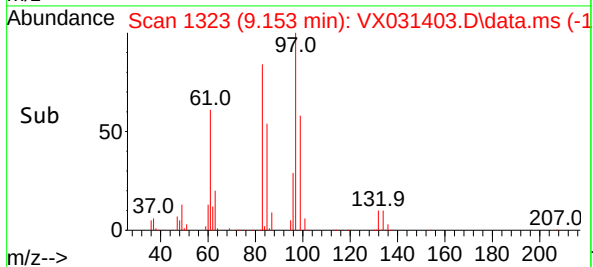
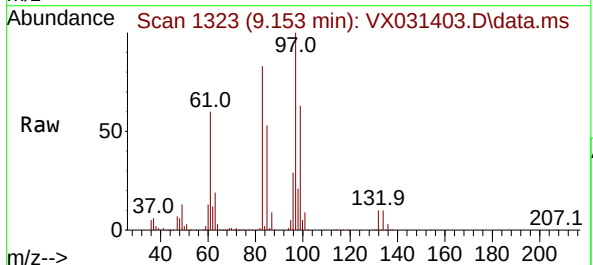
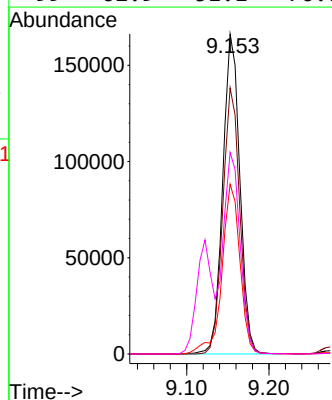
RT: 9.153 min Scan# 1323

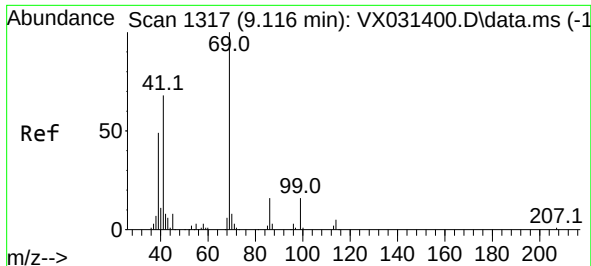
Delta R.T. -0.000 min

Lab File: VX031403.D

Acq: 16 Sep 2022 11:49

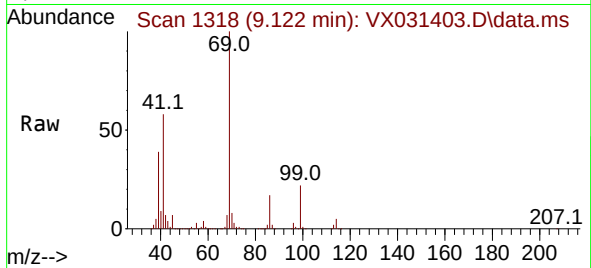
Tgt Ion:	97	Resp:	239998
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.2	99.4
85	53.0	40.4	60.6
99	62.9	51.1	76.7





#51
Ethyl methacrylate
Concen: 198.127 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

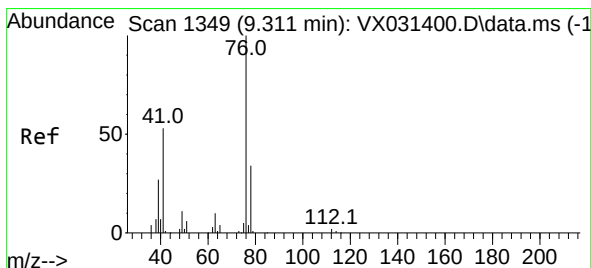
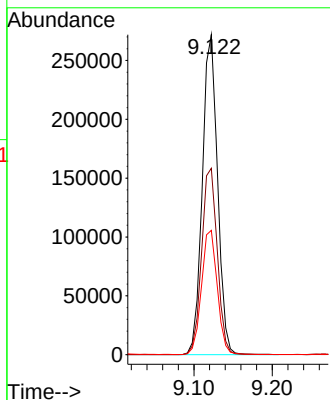
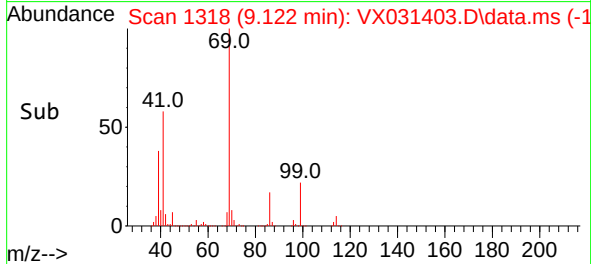
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 69 Resp: 367170
Ion Ratio Lower Upper
69 100
41 58.2 32.1 96.5
39 38.8 18.3 54.9

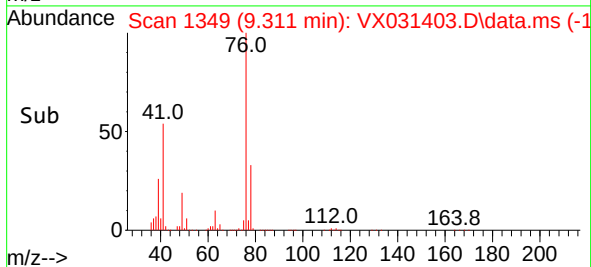
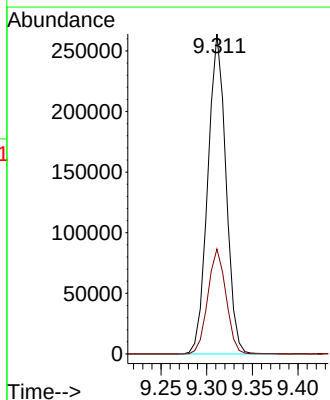
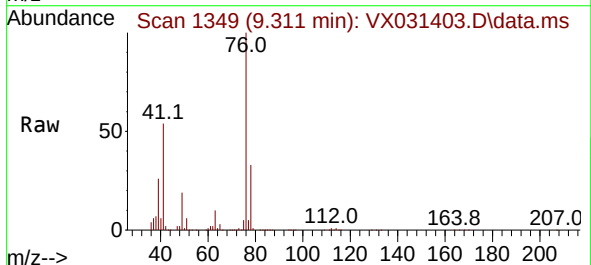
Manual Integrations
APPROVED

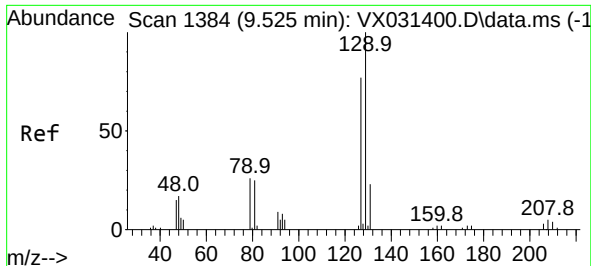
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#52
1,3-Dichloropropane
Concen: 190.175 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion: 76 Resp: 364308
Ion Ratio Lower Upper
76 100
78 32.7 0.0 64.4





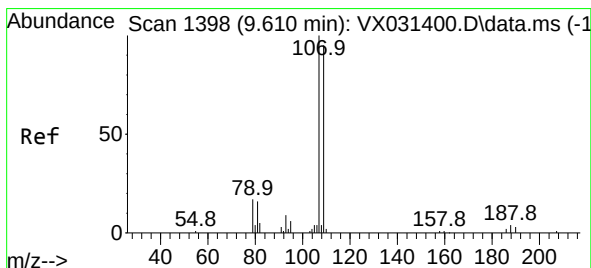
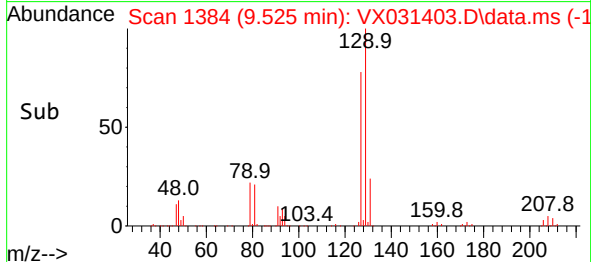
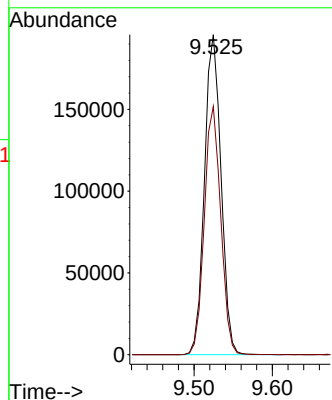
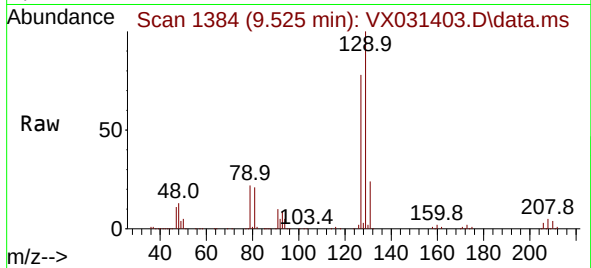
#53
Dibromochloromethane
Concen: 260.038 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 286634
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.1

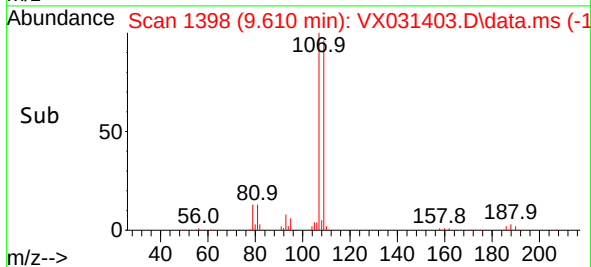
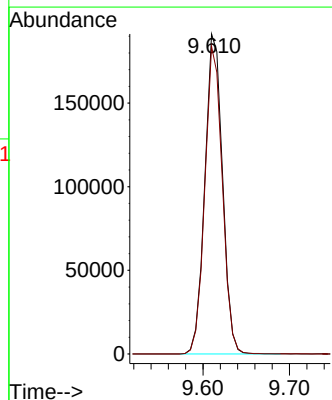
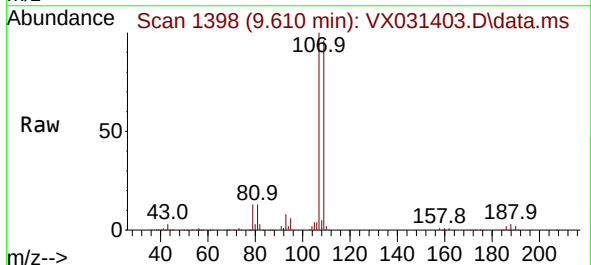
Manual Integrations
APPROVED

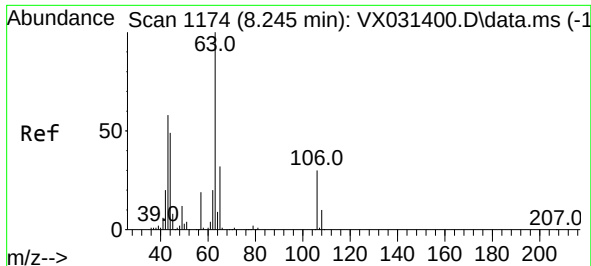
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#54
1,2-Dibromoethane
Concen: 218.801 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion:107 Resp: 270589
Ion Ratio Lower Upper
107 100
109 95.1 76.2 114.4





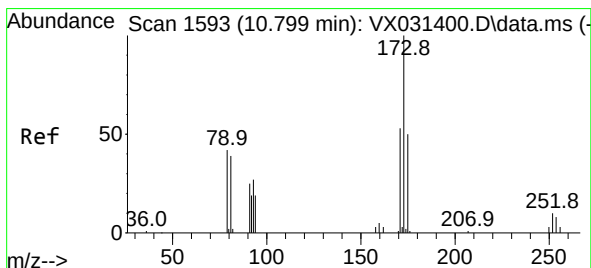
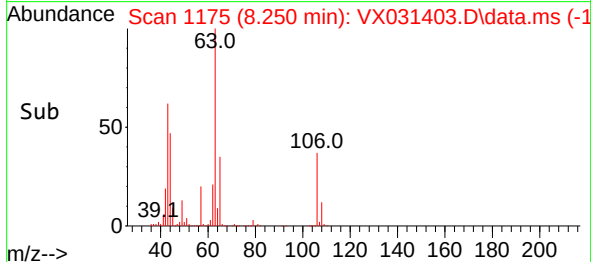
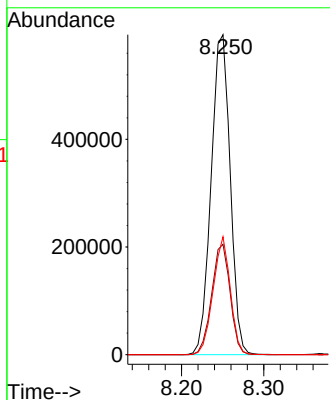
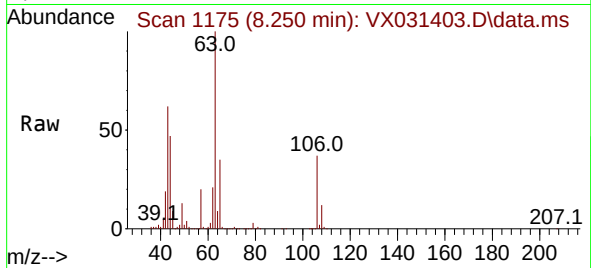
#55
2-Chloroethyl vinyl ether
Concen: 1003.320 ug/l
RT: 8.250 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 95847
Ion Ratio Lower Upper
63 100
65 33.3 25.9 38.9
106 33.3 25.8 38.6

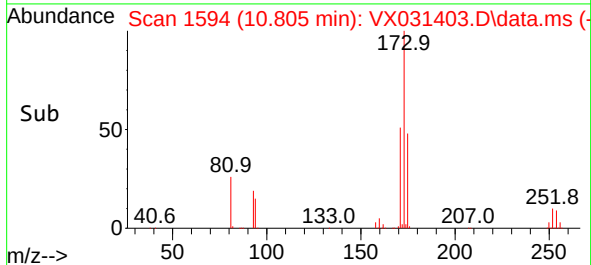
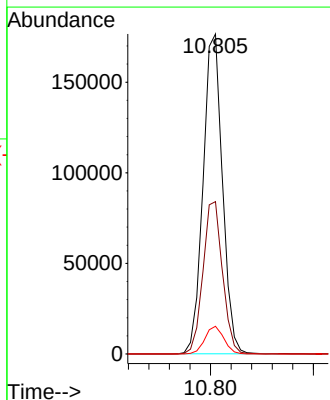
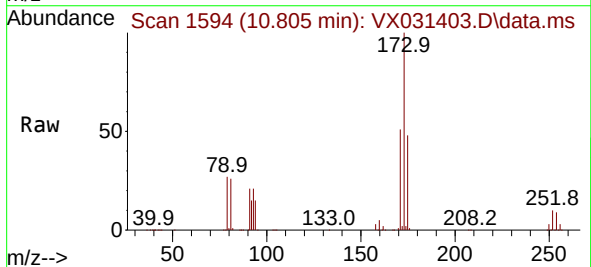
Manual Integrations
APPROVED

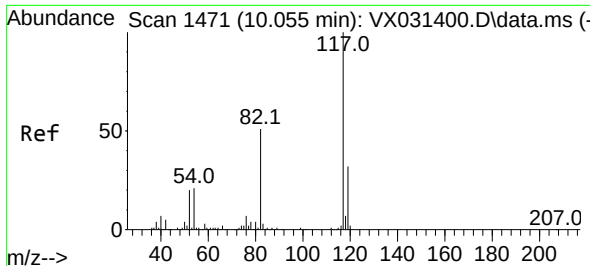
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#56
Bromoform
Concen: 299.502 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

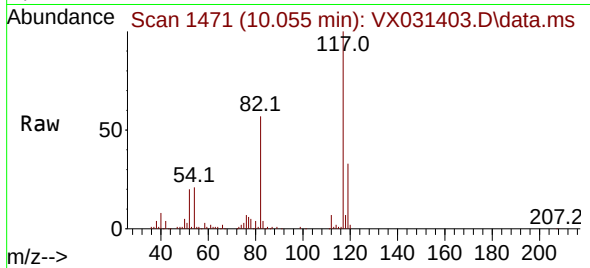
Tgt Ion:173 Resp: 231104
Ion Ratio Lower Upper
173 100
175 48.1 40.3 60.5
254 8.5 7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

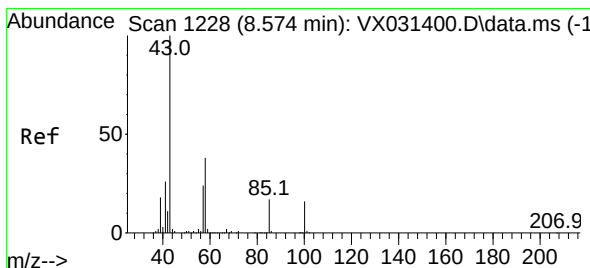
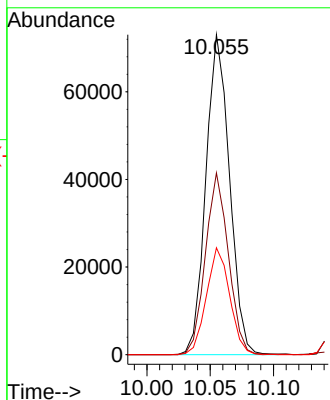
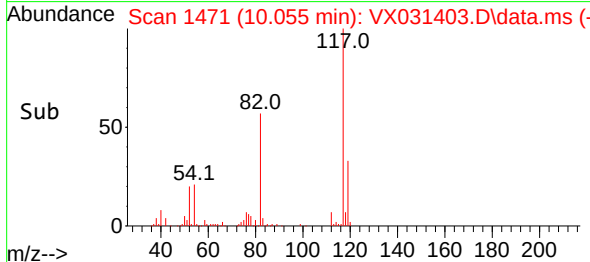
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



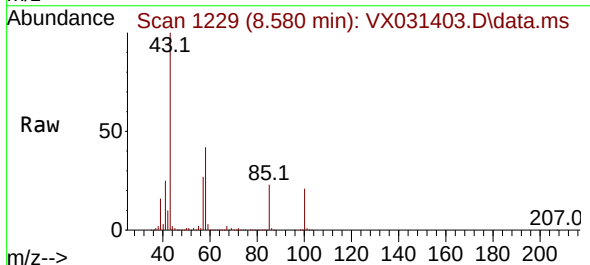
Tgt Ion: 117 Resp: 94880
Ion Ratio Lower Upper
117 100
82 55.0 42.3 63.5
119 33.0 26.2 39.2

Manual Integrations
APPROVED

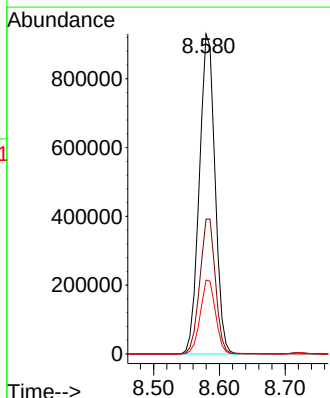
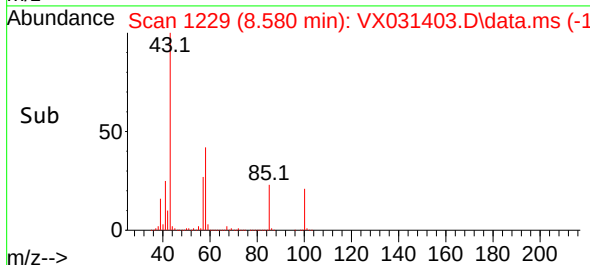
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

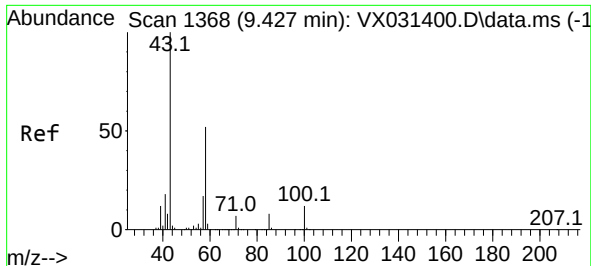


#58
4-Methyl-2-Pentanone
Concen: 657.091 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49



Tgt Ion: 43 Resp: 1540070
Ion Ratio Lower Upper
43 100
58 42.0 31.8 47.6
85 22.5 15.8 23.6





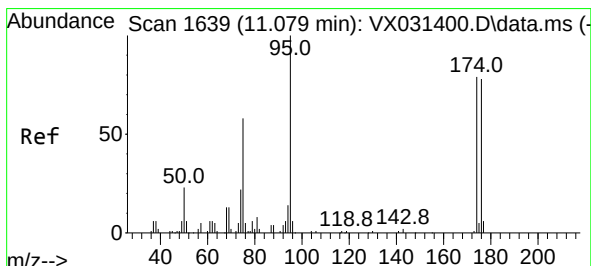
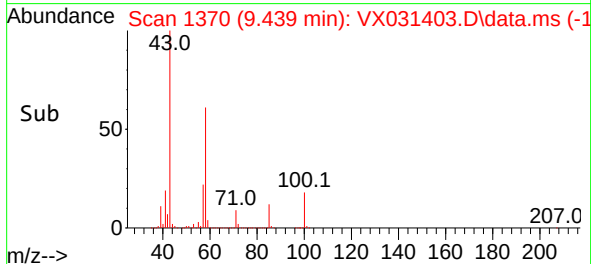
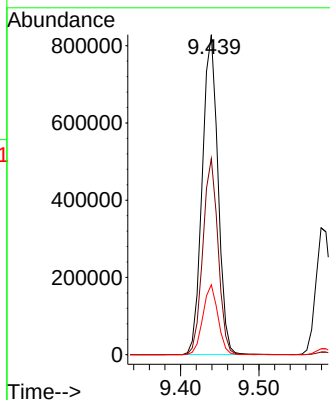
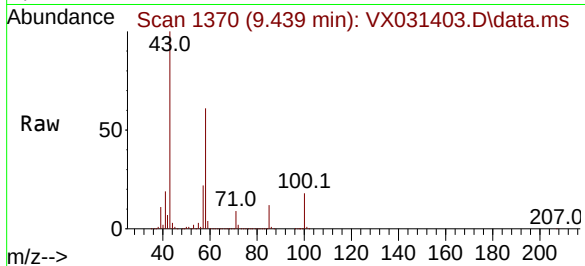
#59
2-Hexanone
Concen: 635.432 ug/l
RT: 9.439 min Scan# 115190
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 115190
Ion Ratio Lower Upper
43 100
58 59.3 44.1 66.1
57 21.0 16.2 24.2

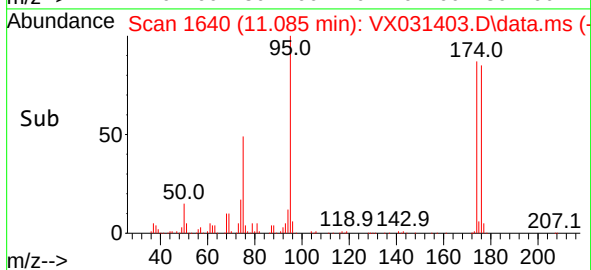
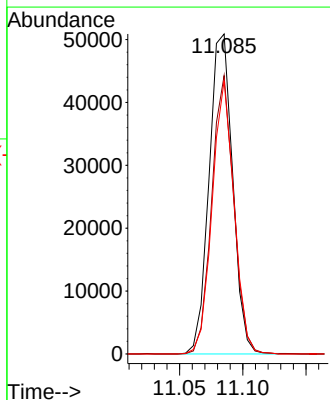
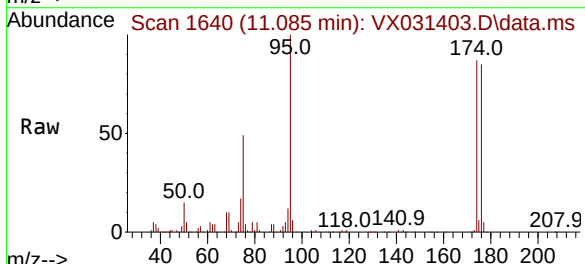
Manual Integrations
APPROVED

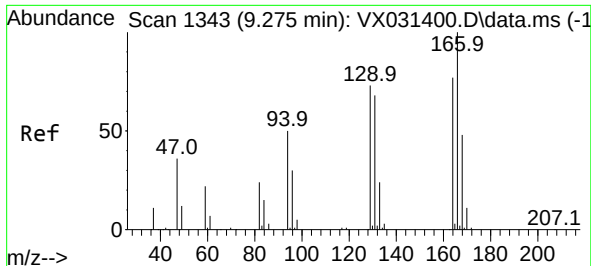
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#60
4-Bromofluorobenzene
Concen: 36.893 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

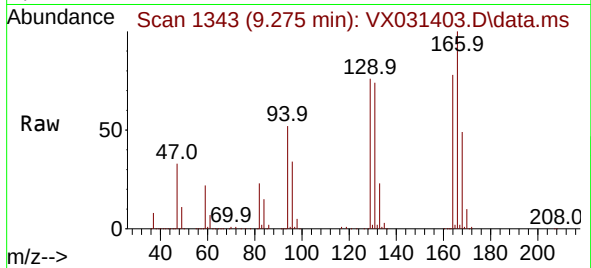
Tgt Ion: 95 Resp: 65971
Ion Ratio Lower Upper
95 100
174 81.2 65.4 98.2
176 79.2 63.4 95.0





#61
Tetrachloroethene
Concen: 156.158 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

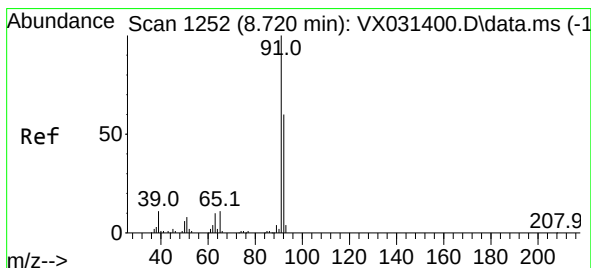
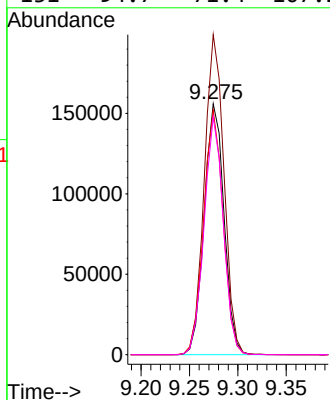
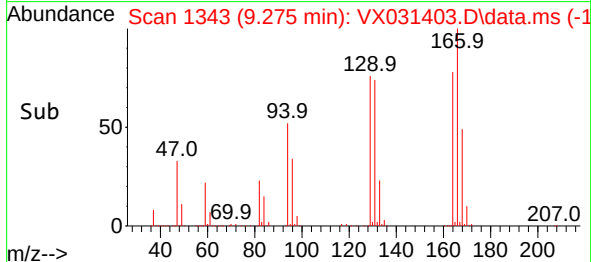
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



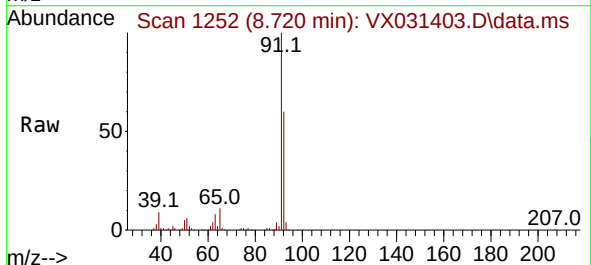
Tgt Ion:164 Resp: 22247
Ion Ratio Lower Upper
164 100
166 127.5 105.0 157.6
129 97.3 78.5 117.7
131 94.7 71.4 107.2

Manual Integrations
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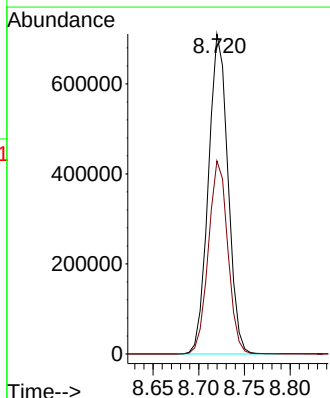
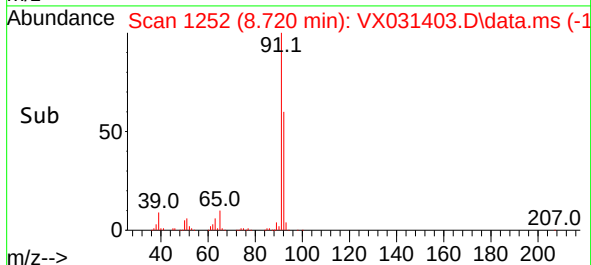
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

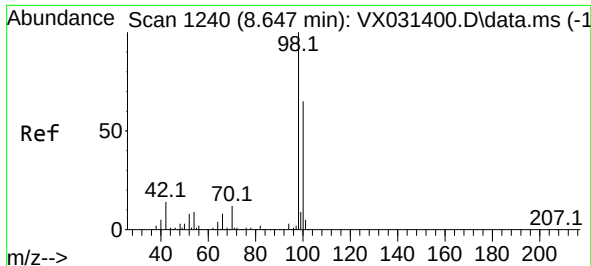


#62
Toluene
Concen: 167.213 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49



Tgt Ion: 91 Resp: 1055427
Ion Ratio Lower Upper
91 100
92 59.8 48.1 72.1





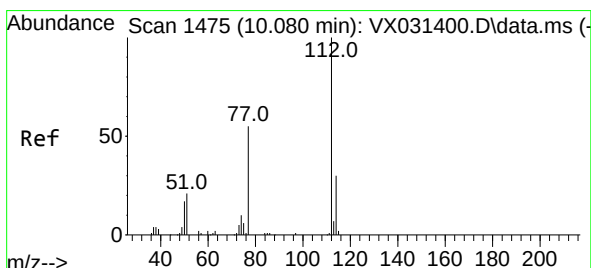
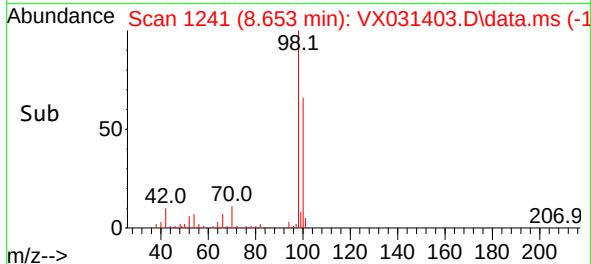
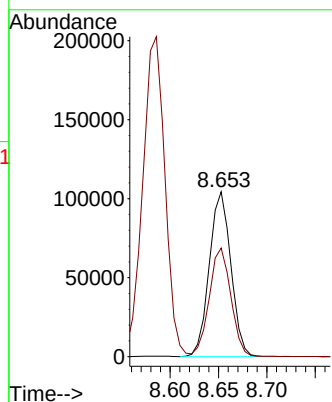
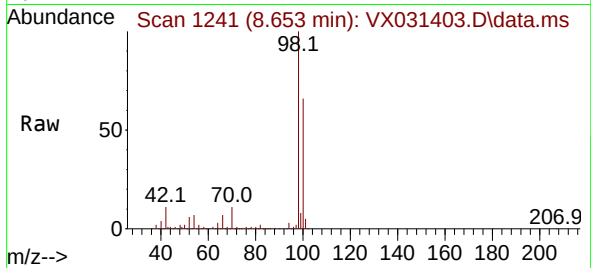
#63
Toluene-d8
Concen: 31.522 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 16218
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.2

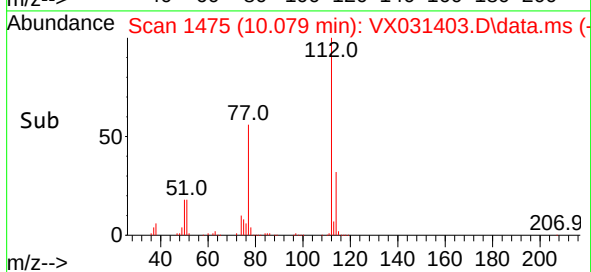
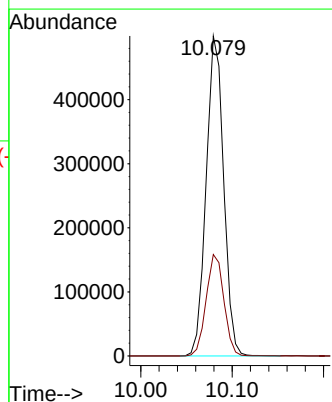
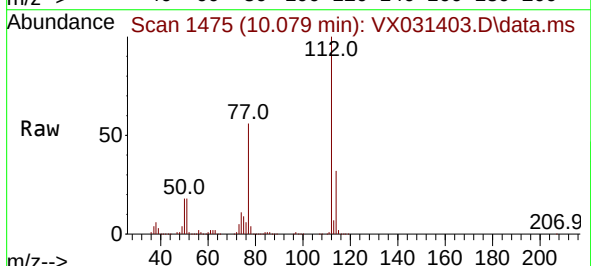
Manual Integrations
APPROVED

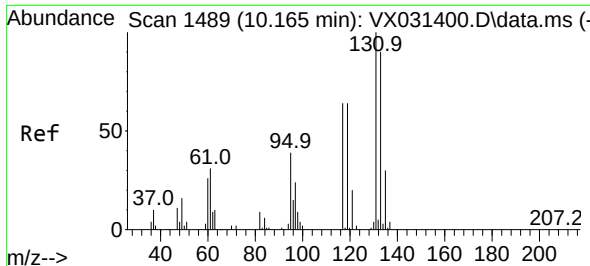
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#64
Chlorobenzene
Concen: 175.443 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

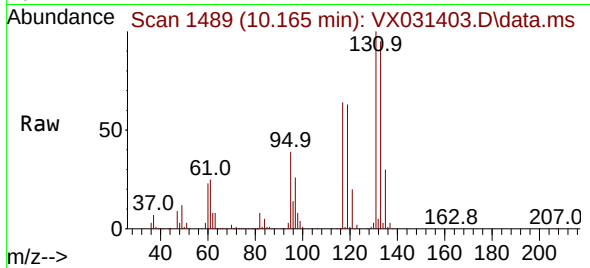
Tgt Ion:112 Resp: 661336
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 187.452 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

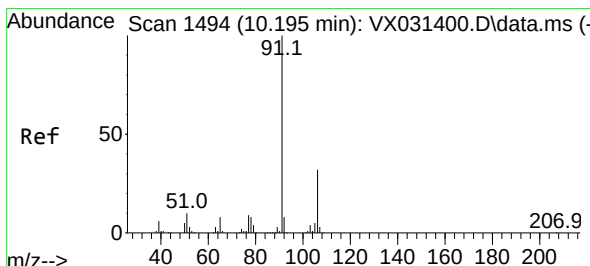
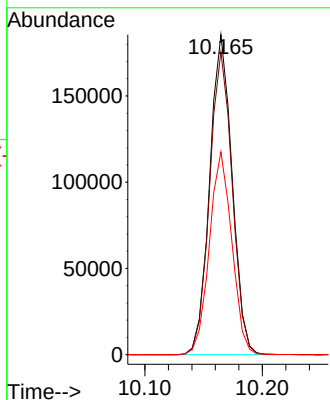
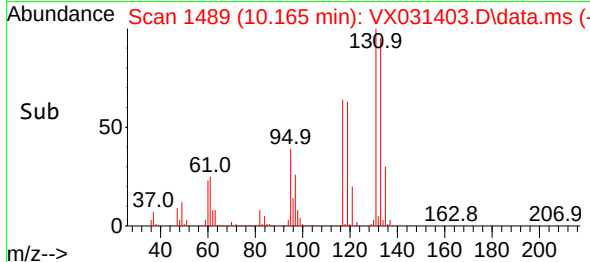
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 246397
Ion Ratio Lower Upper
131 100
133 95.6 0.0 197.2
119 63.4 0.0 127.4

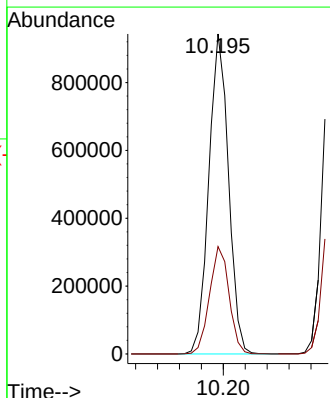
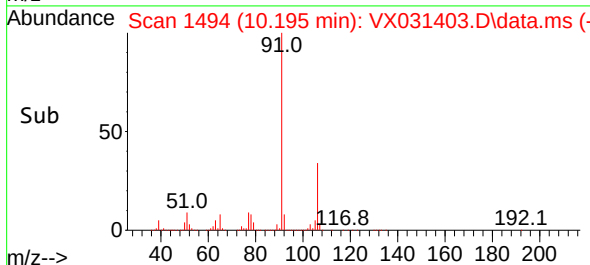
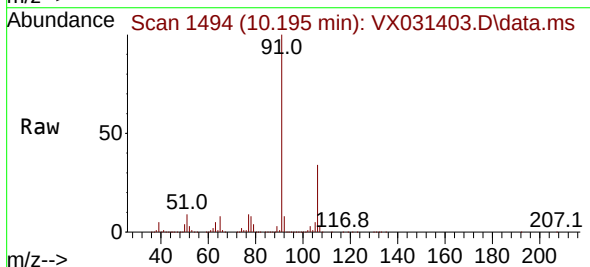
Manual Integrations
APPROVED

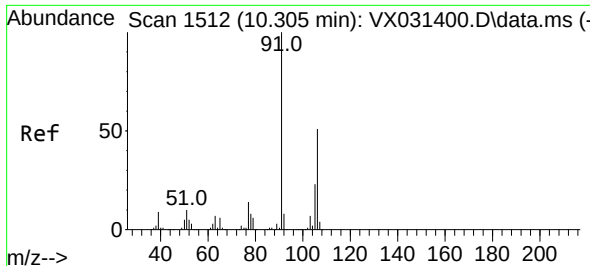
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#66
Ethyl Benzene
Concen: 174.840 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

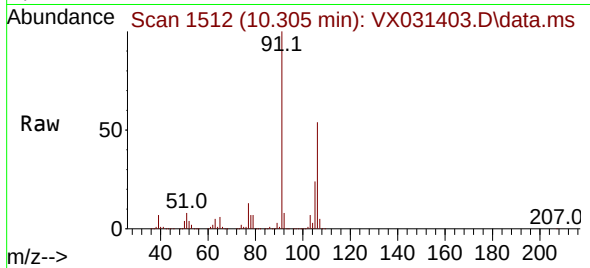
Tgt Ion: 91 Resp: 1172748
Ion Ratio Lower Upper
91 100
106 33.6 25.8 38.8





#67
m/p-Xylenes
Concen: 405.665 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

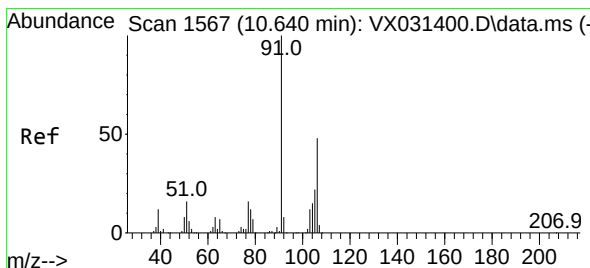
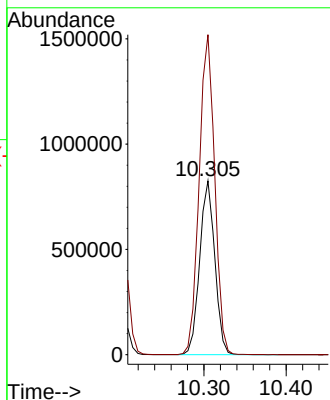
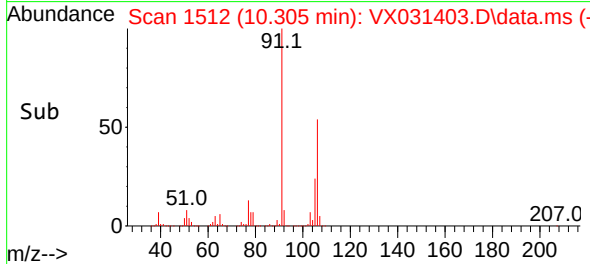
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



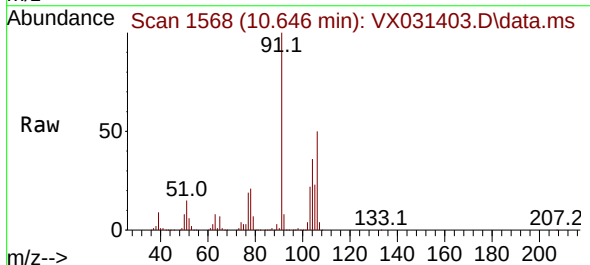
Tgt Ion:106 Resp: 1055880
Ion Ratio Lower Upper
106 100
91 189.5 159.5 239.3

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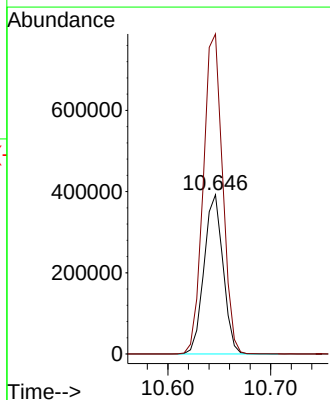
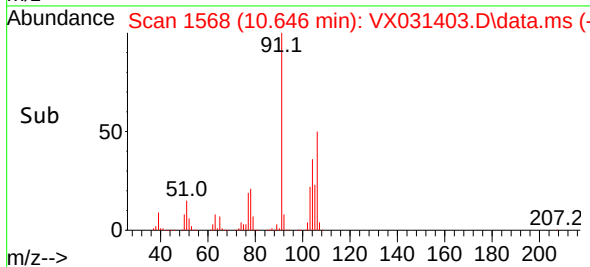
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

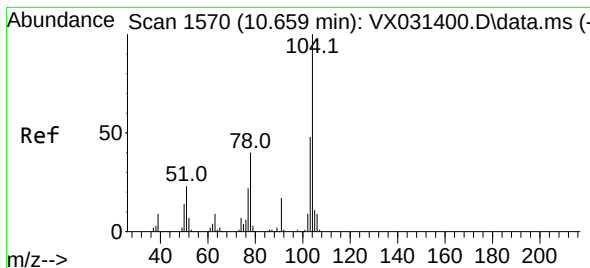


#68
o-Xylene
Concen: 194.283 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49



Tgt Ion:106 Resp: 503570
Ion Ratio Lower Upper
106 100
91 204.1 105.4 316.2





#69

Styrene

Concen: 207.670 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX031403.D

Acq: 16 Sep 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

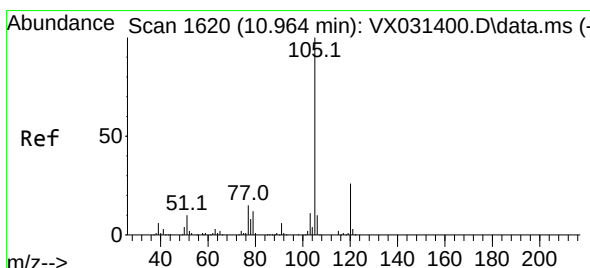
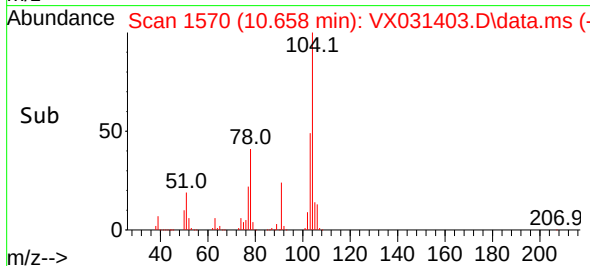
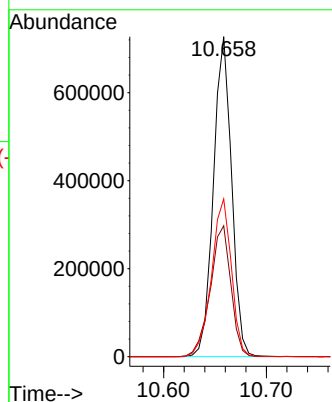
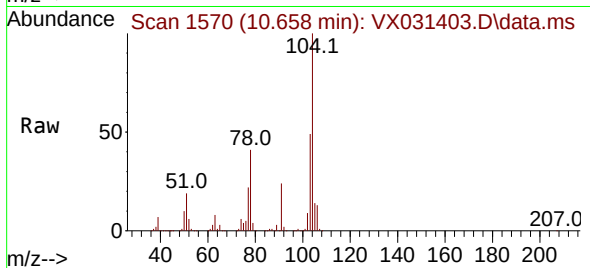
Tgt Ion:104 Resp: 890750
 Ion Ratio Lower Upper
 104 100
 78 46.5 39.7 59.5
 103 54.0 42.7 64.1

Manual Integrations

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Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#70

Isopropylbenzene

Concen: 206.601 ug/l

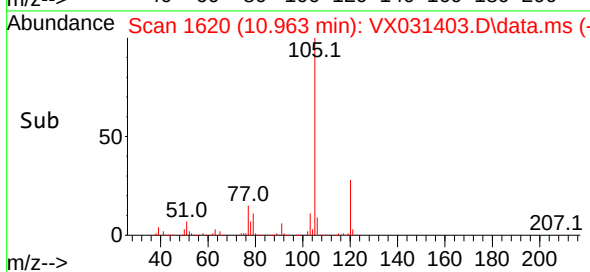
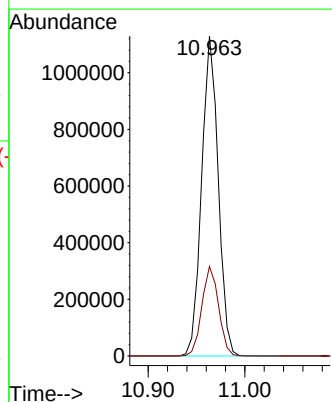
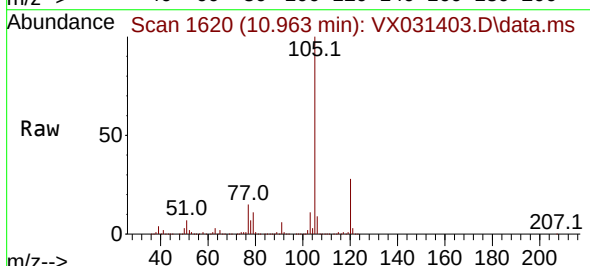
RT: 10.963 min Scan# 1620

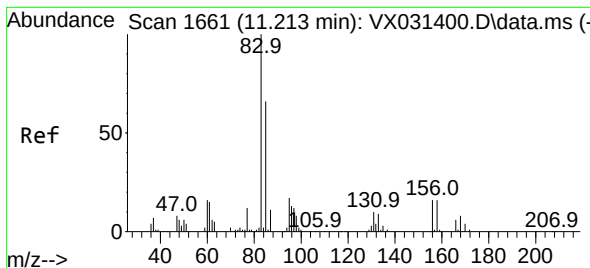
Delta R.T. -0.000 min

Lab File: VX031403.D

Acq: 16 Sep 2022 11:49

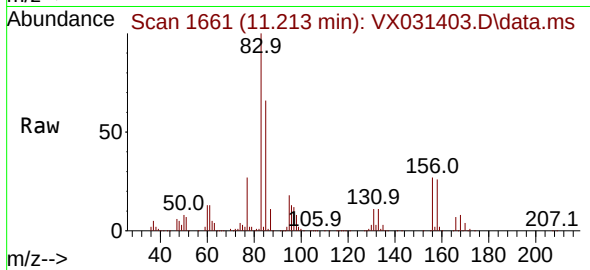
Tgt Ion:105 Resp: 1348265
 Ion Ratio Lower Upper
 105 100
 120 28.1 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 160.774 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

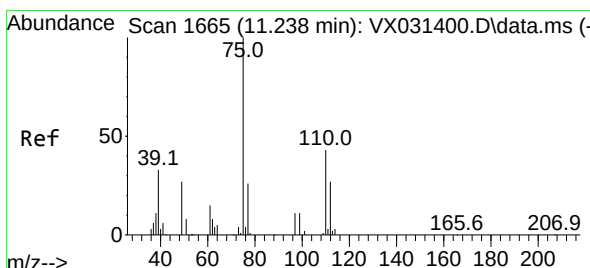
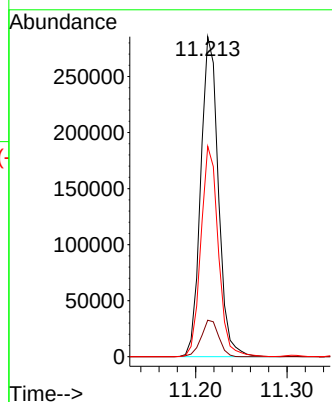
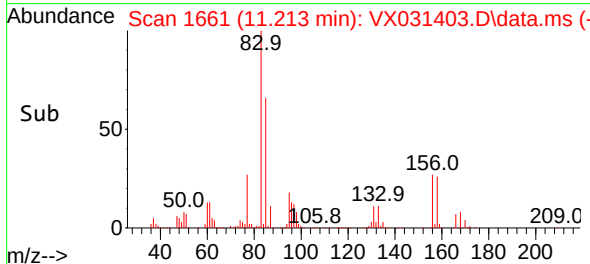
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



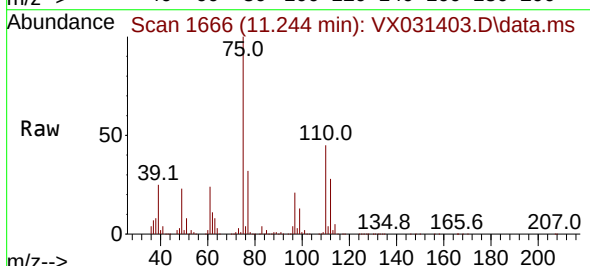
Tgt Ion: 83 Resp: 381542
Ion Ratio Lower Upper
83 100
131 11.4 5.8 17.3
85 64.8 32.0 96.2

Manual Integrations
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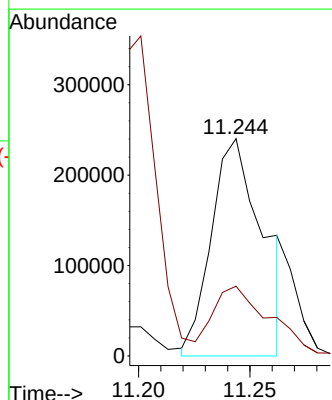
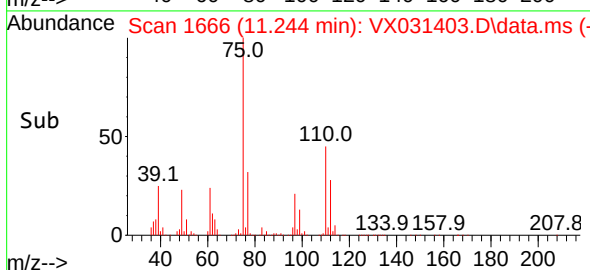
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

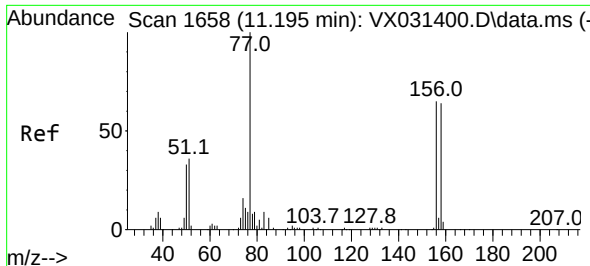


#72
1,2,3-Trichloropropane
Concen: 179.736 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49



Tgt Ion: 75 Resp: 383412
Ion Ratio Lower Upper
75 100
77 33.0 0.0 78.6





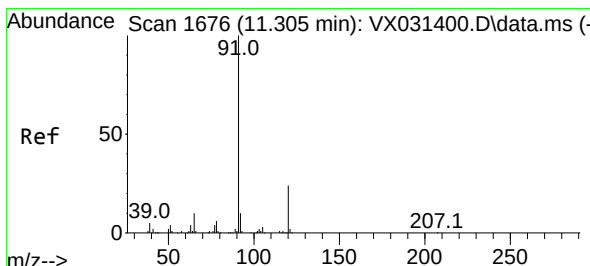
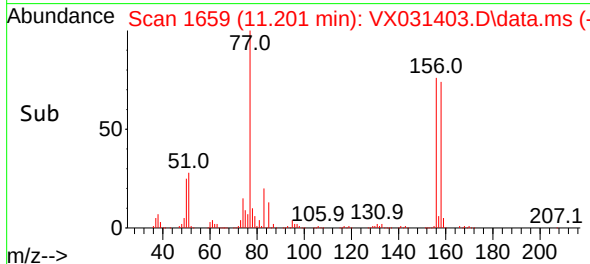
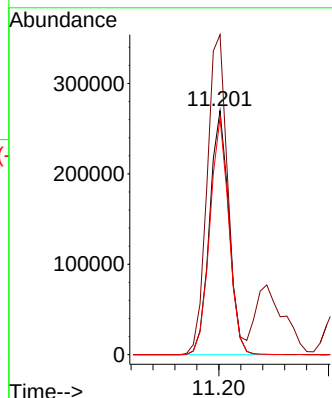
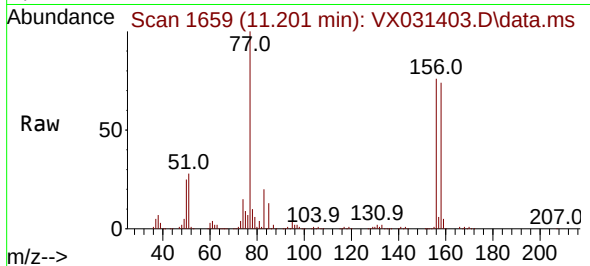
#73
Bromobenzene
Concen: 211.136 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 330400
Ion Ratio Lower Upper
156 100
77 139.8 0.0 297.6
158 95.4 0.0 188.4

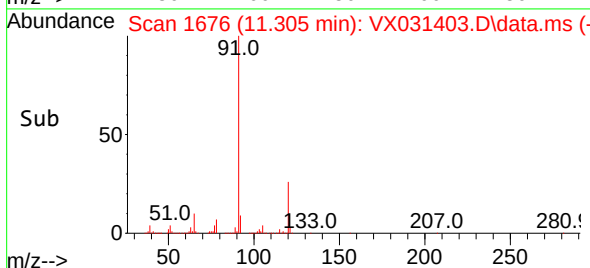
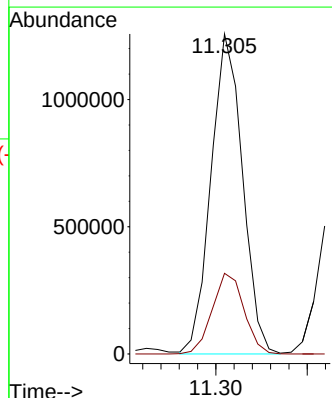
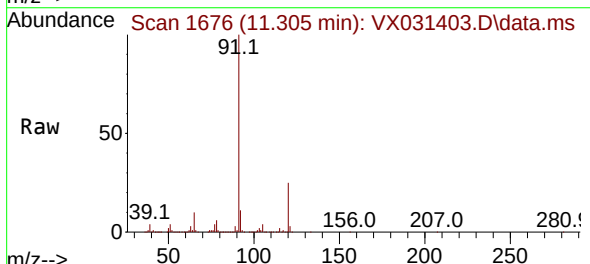
Manual Integrations
APPROVED

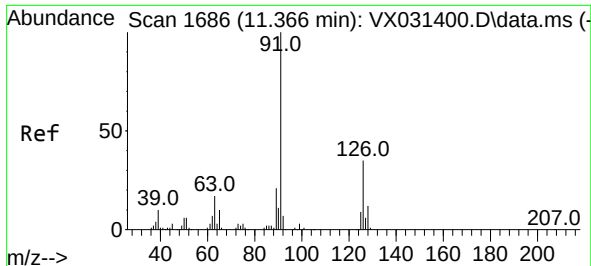
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#74
n-propylbenzene
Concen: 192.754 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion: 91 Resp: 1508973
Ion Ratio Lower Upper
91 100
120 25.3 0.0 48.0





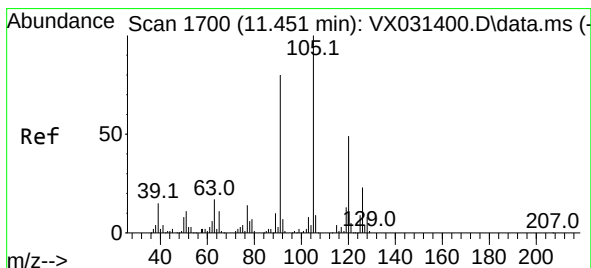
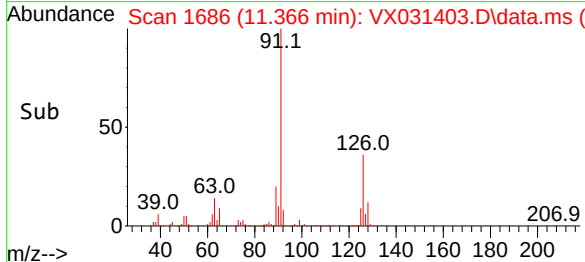
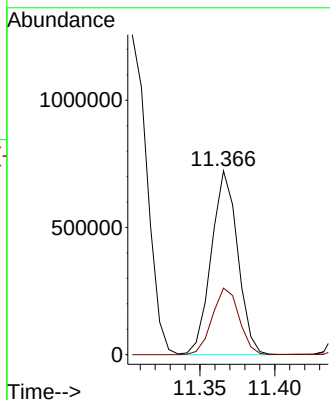
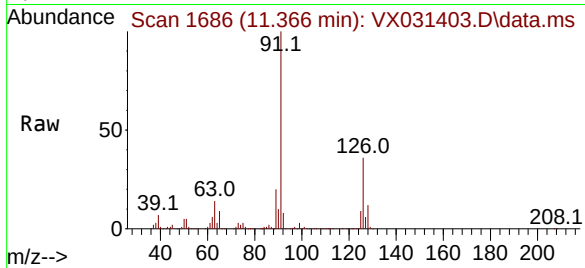
#75
2-Chlorotoluene
Concen: 192.435 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 887119
Ion Ratio Lower Upper
91 100
126 36.9 0.0 68.6

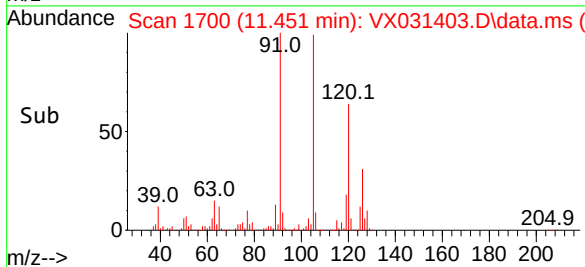
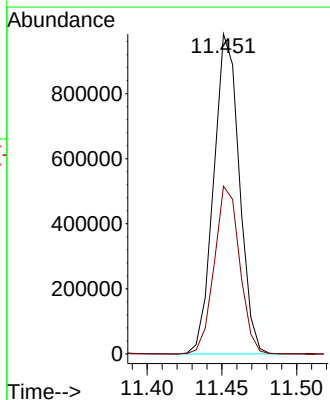
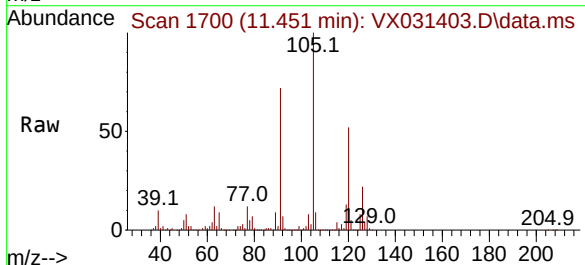
Manual Integrations
APPROVED

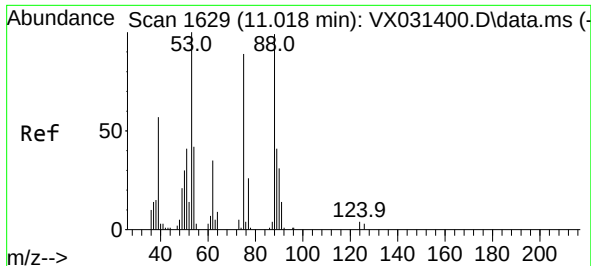
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#76
1,3,5-Trimethylbenzene
Concen: 213.613 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

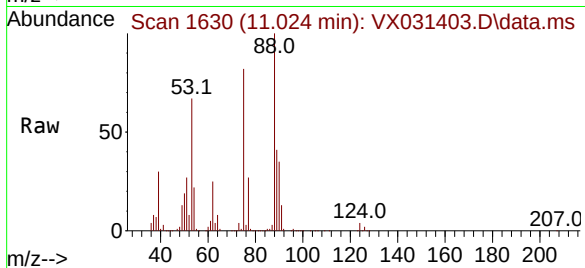
Tgt Ion:105 Resp: 1170418
Ion Ratio Lower Upper
105 100
120 51.9 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 185.837 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

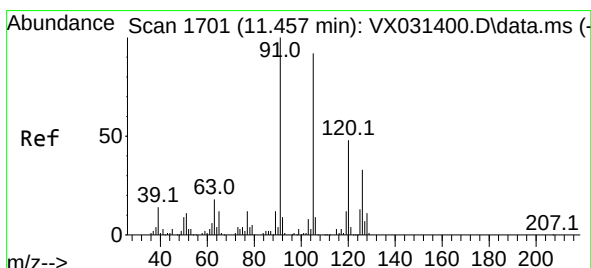
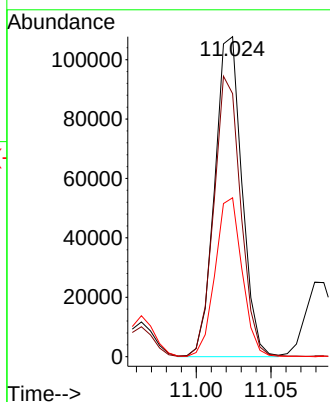
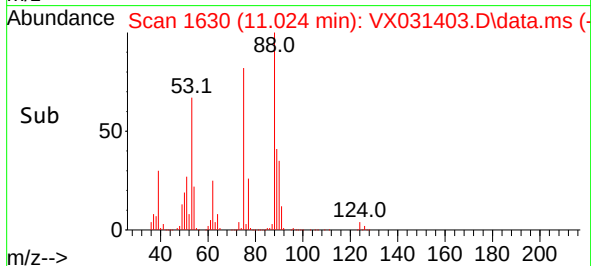
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 136352
Ion Ratio Lower Upper
75 100
53 82.3 59.7 179.1
89 49.6 23.1 69.2

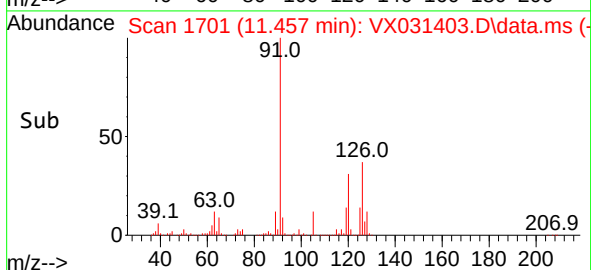
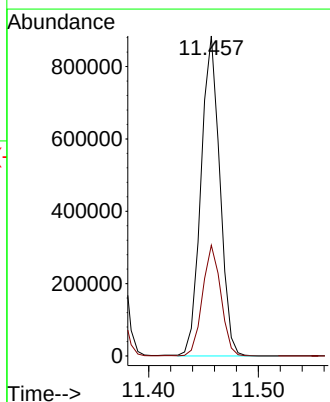
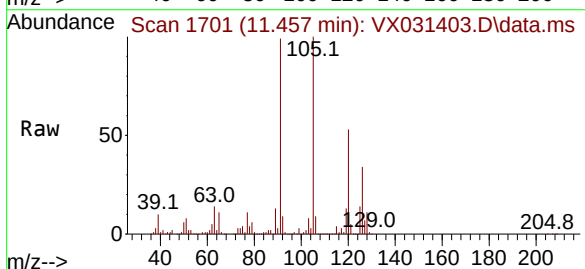
Manual Integrations
APPROVED

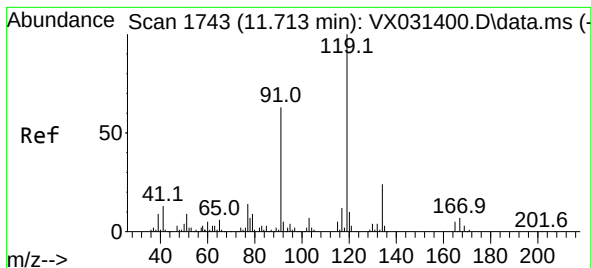
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#78
4-Chlorotoluene
Concen: 203.949 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

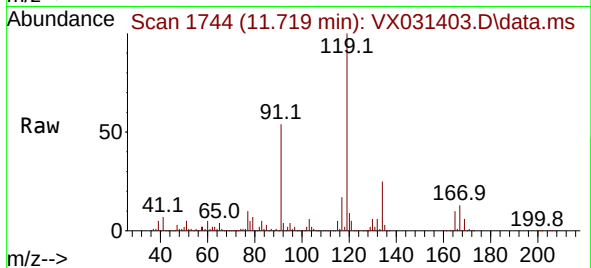
Tgt Ion: 91 Resp: 1055230
Ion Ratio Lower Upper
91 100
126 33.6 0.0 59.8





#79
tert-butylbenzene
Concen: 213.302 ug/l
RT: 11.719 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

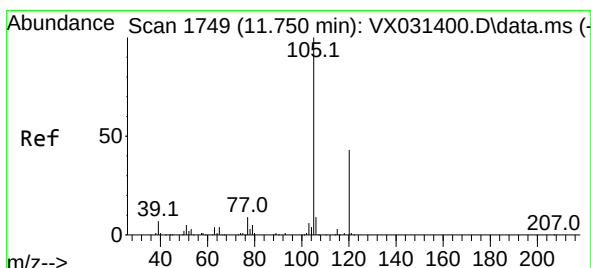
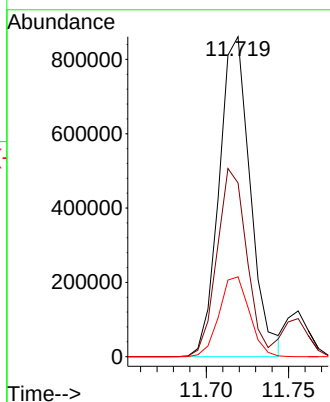
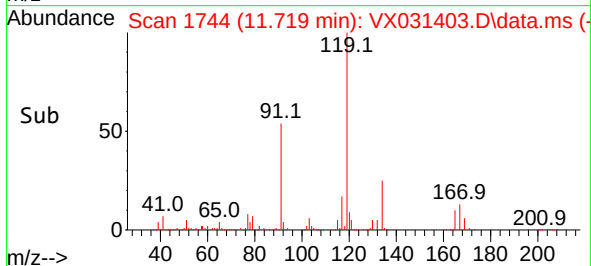
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



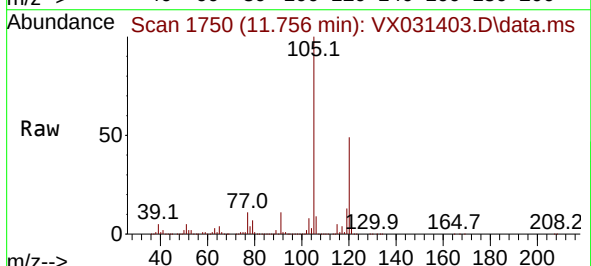
Tgt Ion:119 Resp: 113696
Ion Ratio Lower Upper
119 100
91 55.9 0.0 119.4
134 24.2 0.0 48.4

Manual Integrations
APPROVED

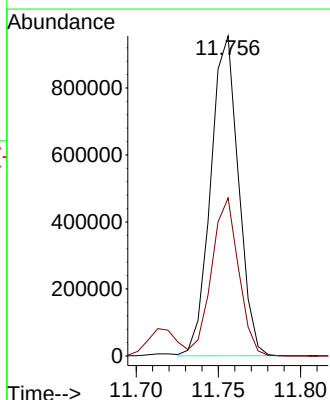
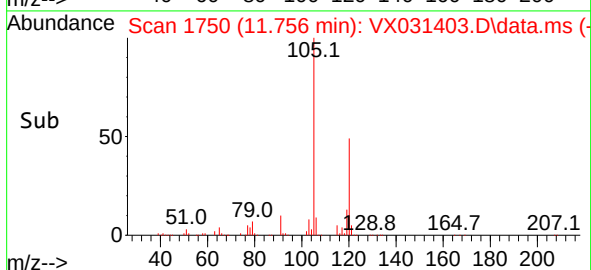
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

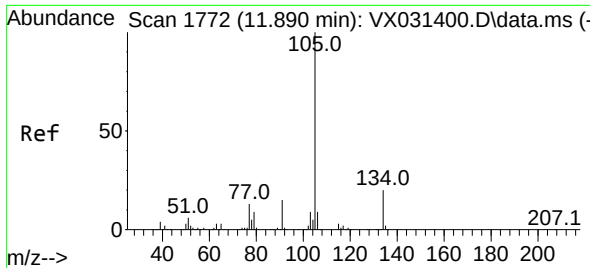


#80
1,2,4-Trimethylbenzene
Concen: 199.687 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49



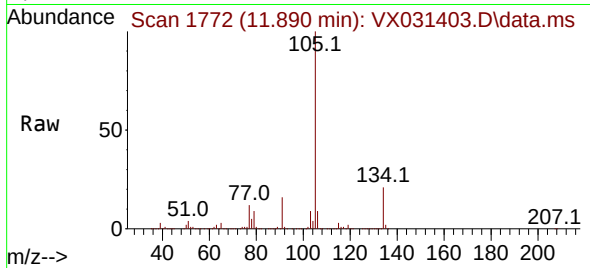
Tgt Ion:105 Resp: 1124816
Ion Ratio Lower Upper
105 100
120 47.9 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 193.091 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031403.D
 Acq: 16 Sep 2022 11:49

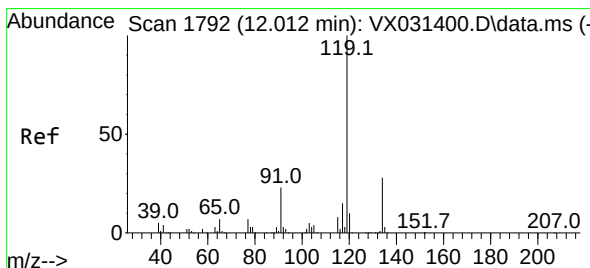
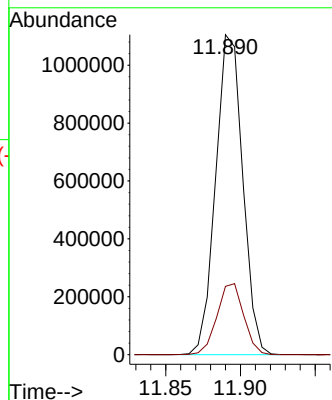
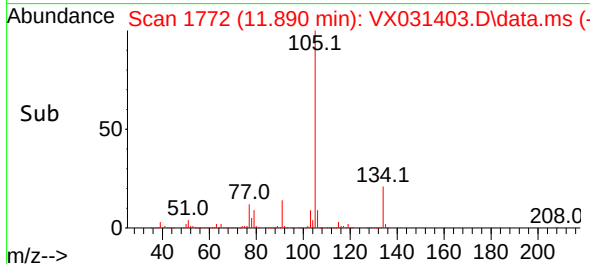
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



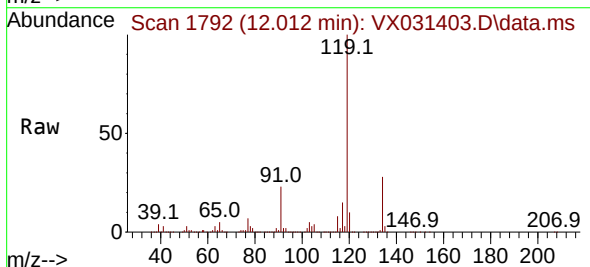
Tgt Ion:105 Resp: 1393150
 Ion Ratio Lower Upper
 105 100
 134 22.0 0.0 41.2

Manual Integrations
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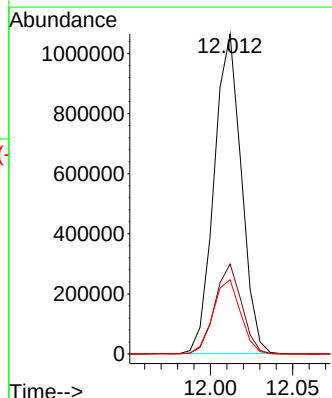
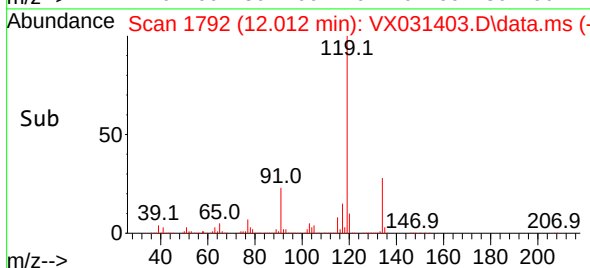
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

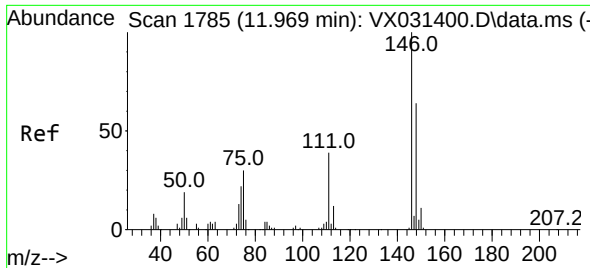


#82
 p-Isopropyltoluene
 Concen: 211.211 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031403.D
 Acq: 16 Sep 2022 11:49



Tgt Ion:119 Resp: 1226797
 Ion Ratio Lower Upper
 119 100
 134 27.5 0.0 52.4
 91 23.6 0.0 47.2





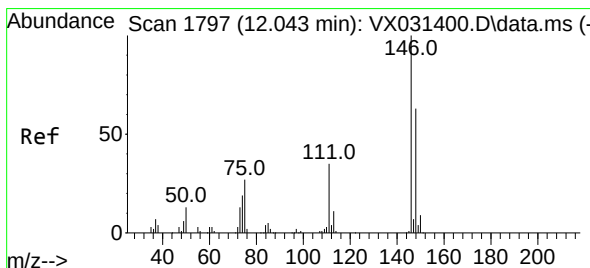
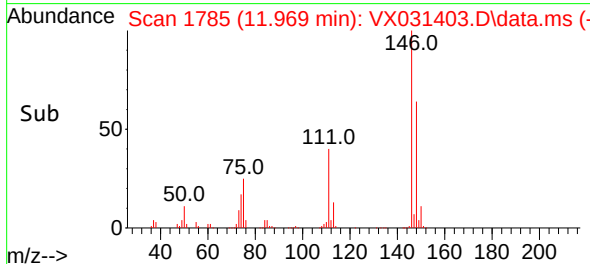
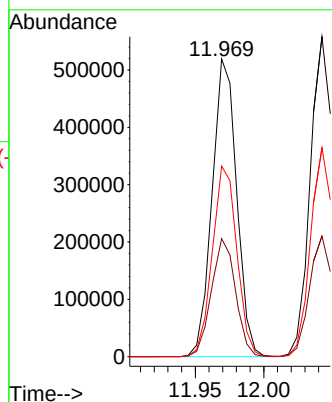
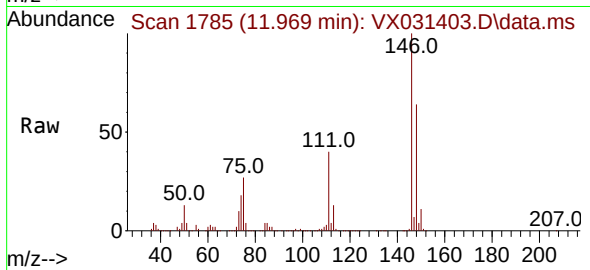
#83
1,3-Dichlorobenzene
Concen: 213.320 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 645859
Ion Ratio Lower Upper
146 100
111 39.1 19.8 59.4
148 64.1 31.6 94.8

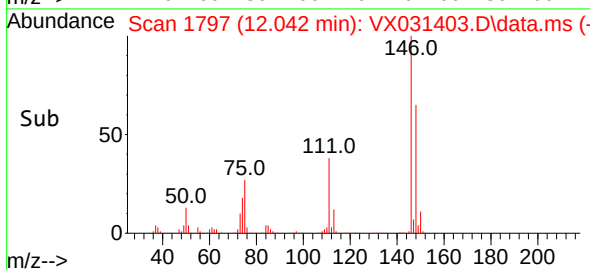
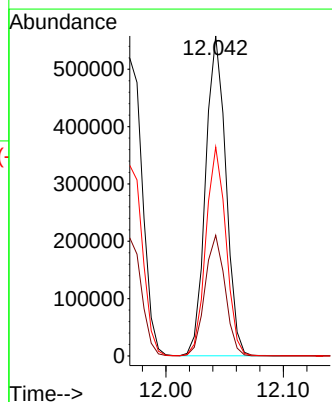
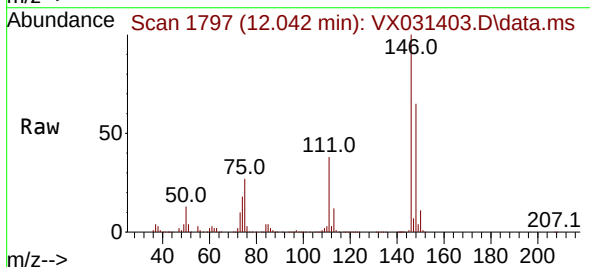
Manual Integrations
APPROVED

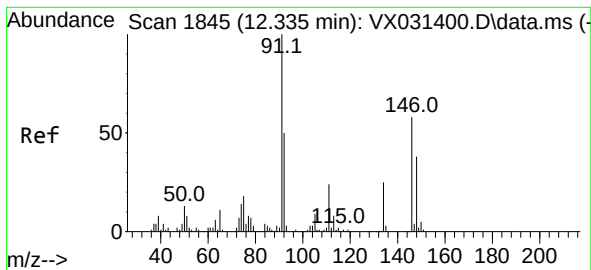
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#84
1,4-Dichlorobenzene
Concen: 217.526 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion:146 Resp: 667931
Ion Ratio Lower Upper
146 100
111 37.6 19.2 57.6
148 64.6 32.3 96.8





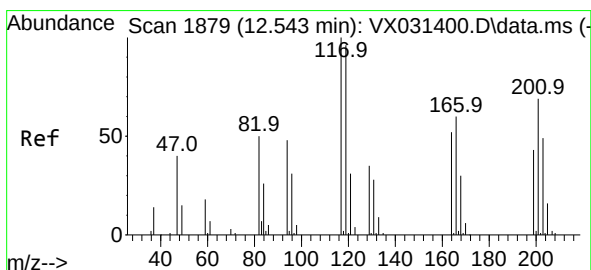
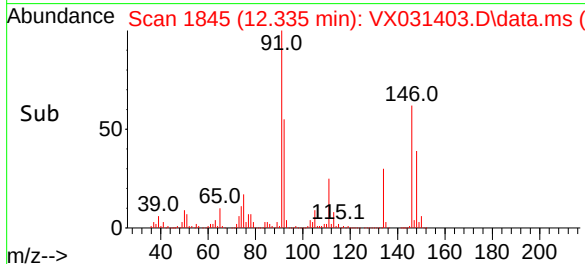
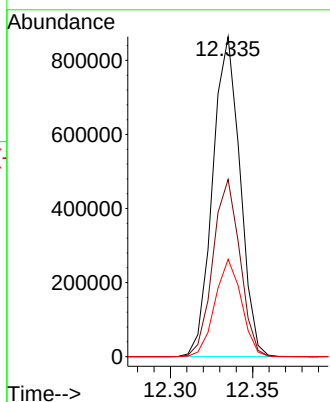
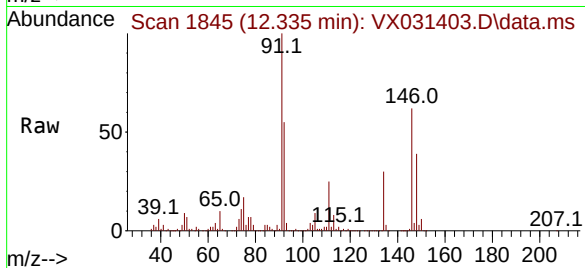
#85
n-Butylbenzene
Concen: 183.305 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 99912
Ion Ratio Lower Upper
91 100
92 54.6 0.0 109.4
134 29.5 0.0 56.4

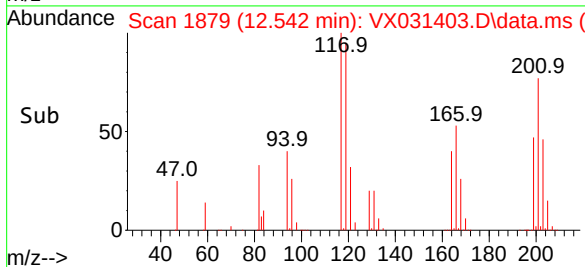
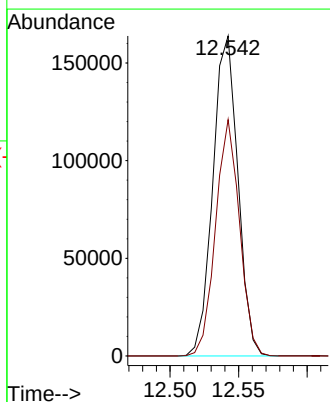
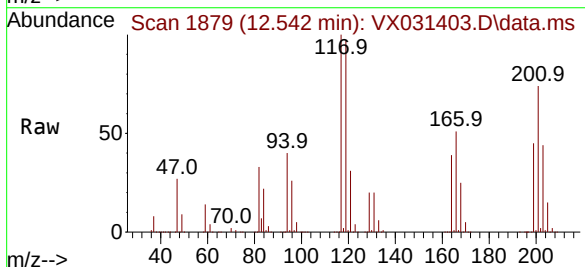
Manual Integrations
APPROVED

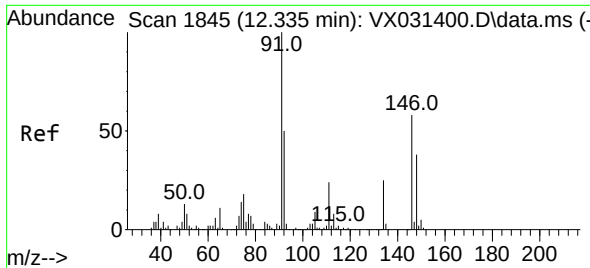
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#86
Hexachloroethane
Concen: 215.856 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion:117 Resp: 208306
Ion Ratio Lower Upper
117 100
201 70.5 39.5 118.5





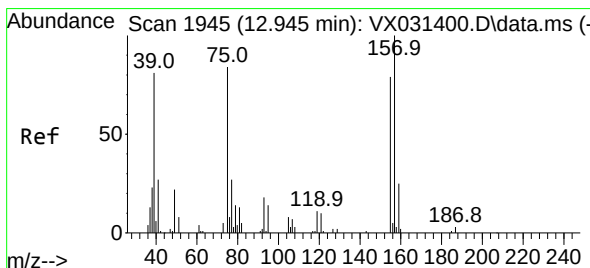
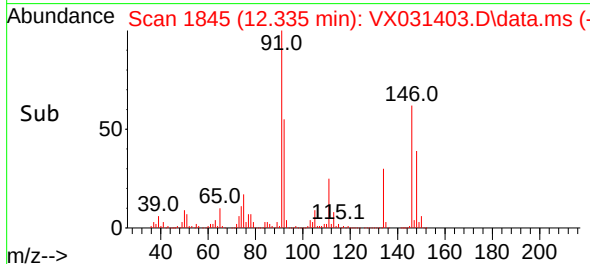
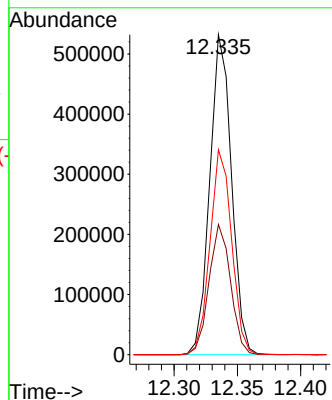
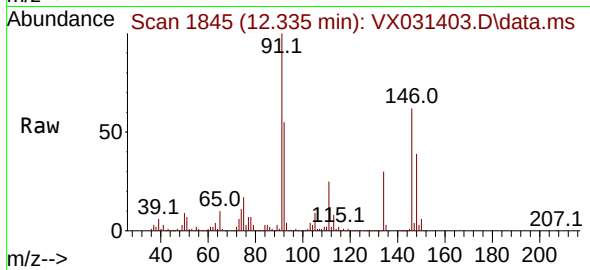
#87
1,2-Dichlorobenzene
Concen: 212.597 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 635598
Ion Ratio Lower Upper
146 100
111 40.5 21.1 63.3
148 64.0 31.4 94.2

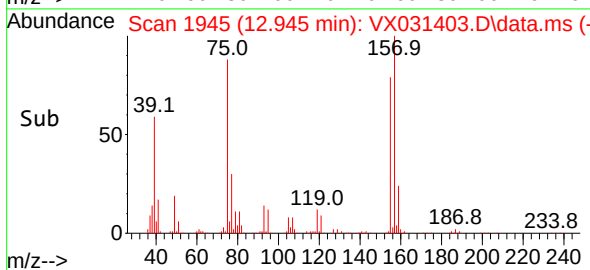
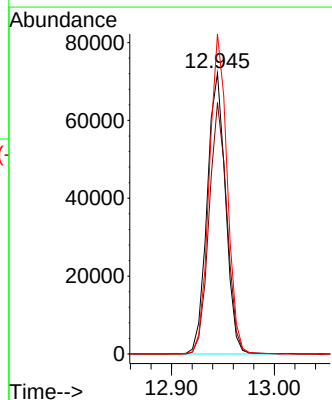
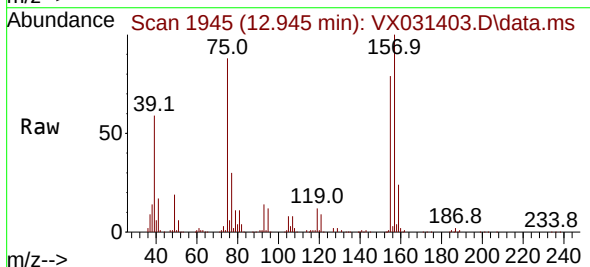
Manual Integrations
APPROVED

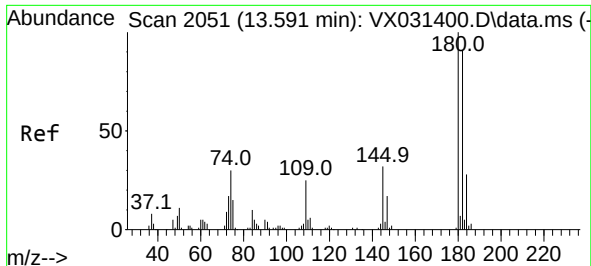
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 165.768 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion: 75 Resp: 89714
Ion Ratio Lower Upper
75 100
155 86.9 74.3 111.5
157 111.0 97.3 145.9





#89

1,2,4-Trichlorobenzene

Concen: 190.768 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX031403.D

Acq: 16 Sep 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

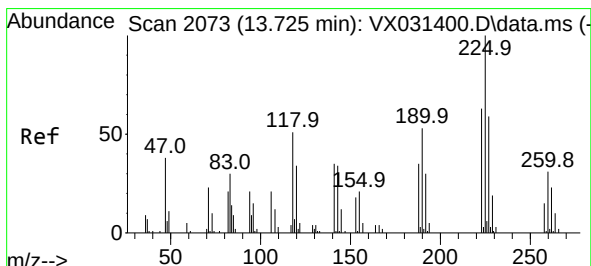
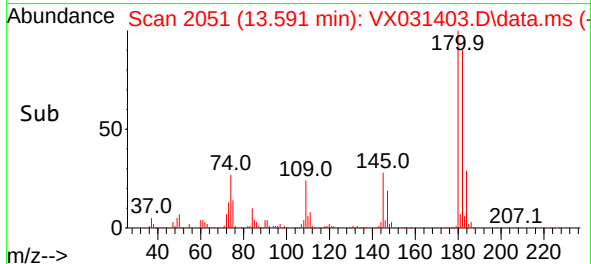
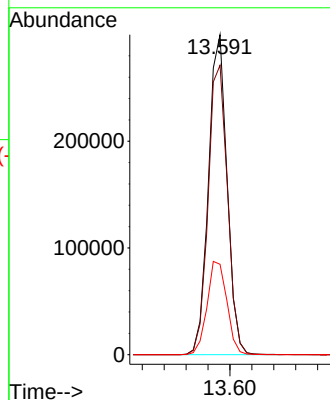
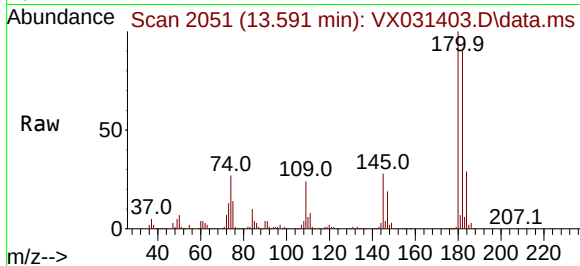
Tgt Ion:180	Resp: 353128
Ion Ratio	Lower Upper
180 100	
182 94.0	77.4 116.2
145 31.1	24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#90

Hexachlorobutadiene

Concen: 168.339 ug/l

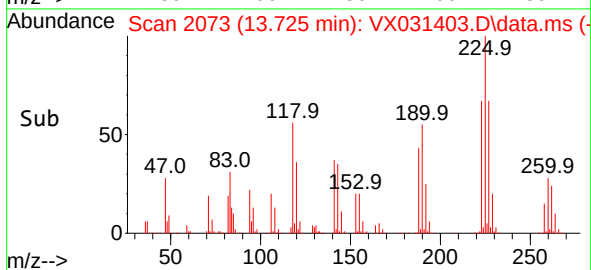
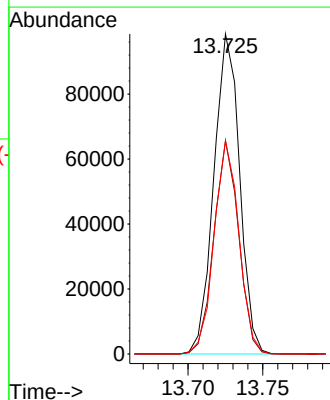
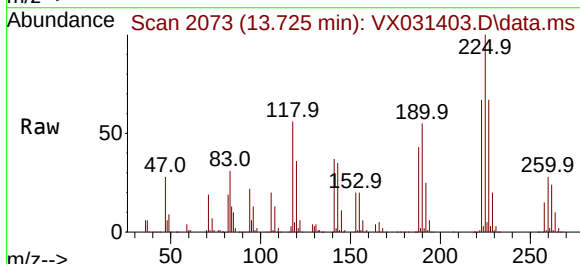
RT: 13.725 min Scan# 2073

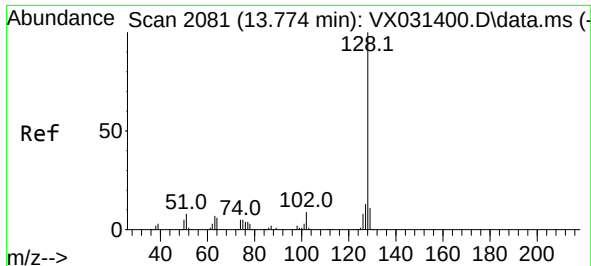
Delta R.T. -0.000 min

Lab File: VX031403.D

Acq: 16 Sep 2022 11:49

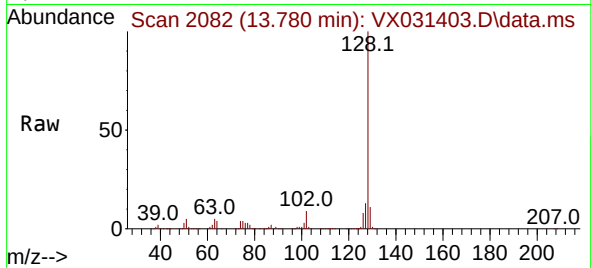
Tgt Ion:225	Resp: 118176
Ion Ratio	Lower Upper
225 100	
223 63.8	0.0 126.0
227 64.1	0.0 125.0





#91
Naphthalene
Concen: 173.046 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

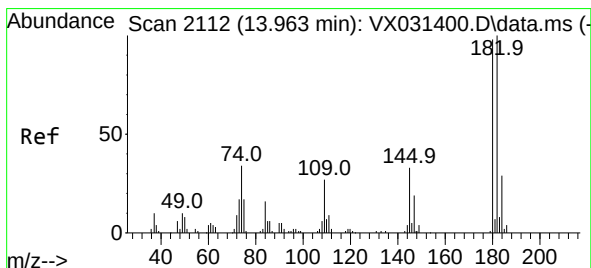
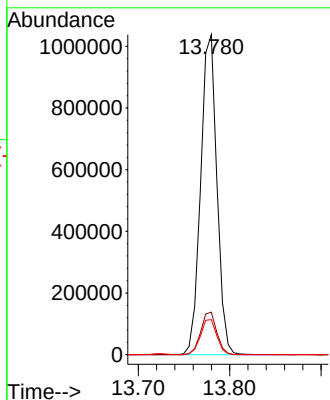
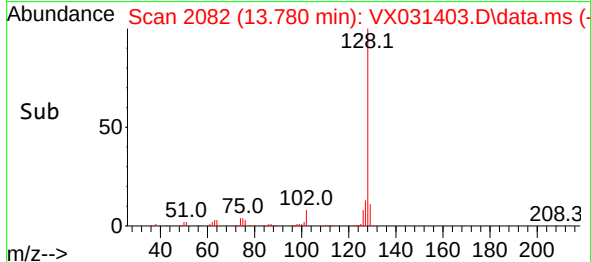
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 1276760
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#92
1,2,3-Trichlorobenzene
Concen: 190.883 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031403.D
Acq: 16 Sep 2022 11:49

Tgt Ion:180 Resp: 359905
Ion Ratio Lower Upper
180 100
182 95.0 0.0 189.4
145 33.3 0.0 67.2

