

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032203.D
 Acq On : 19 Oct 2022 13:18
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 19 13:44:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 13:40:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	136380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112734	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	256301	131.792	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 263.580%#			
35) Dibromofluoromethane	5.385	113	213143	146.895	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 293.780%#			
50) Toluene-d8	8.653	98	782951	148.121	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 296.240%#			
62) 4-Bromofluorobenzene	11.079	95	320926	156.010	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 312.020%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	183187	139.733	ug/l	99
3) Chloromethane	1.294	50	173124	126.458	ug/l	100
4) Vinyl Chloride	1.374	62	188930	138.667	ug/l	99
5) Bromomethane	1.611	94	186901	230.428	ug/l	98
6) Chloroethane	1.678	64	125810	139.797	ug/l	97
7) Trichlorofluoromethane	1.886	101	368737	161.339	ug/l	97
8) Diethyl Ether	2.136	74	124958	158.008	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	185991	138.525	ug/l	95
10) Methyl Iodide	2.453	142	277454	149.367	ug/l	93
11) Tert butyl alcohol	3.044	59	175031m	379.345	ug/l	
12) 1,1-Dichloroethene	2.319	96	177771	141.372	ug/l	99
13) Acrolein	2.239	56	157864	1231.635	ug/l	100
14) Allyl chloride	2.666	41	297627	130.236	ug/l	90
15) Acrylonitrile	3.068	53	481155	604.901	ug/l	97
16) Acetone	2.386	43	408604	492.756	ug/l	93
17) Carbon Disulfide	2.514	76	445642	141.416	ug/l	100
18) Methyl Acetate	2.703	43	284345	109.375	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	636189	137.663	ug/l	100
20) Methylene Chloride	2.788	84	202086	126.911	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	197795	143.678	ug/l	100
22) Diisopropyl ether	3.763	45	648994	144.590	ug/l	97
23) Vinyl Acetate	3.727	43	2676794	734.485	ug/l	97
24) 1,1-Dichloroethane	3.611	63	357393	135.695	ug/l	98
25) 2-Butanone	4.562	43	653348	534.942	ug/l	96
26) 2,2-Dichloropropane	4.477	77	303131	131.403	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	233168	146.659	ug/l	100
28) Bromochloromethane	4.903	49	141183	131.560	ug/l	100
29) Tetrahydrofuran	5.007	42	427532	559.266	ug/l	93
30) Chloroform	5.099	83	393938	140.650	ug/l	100
31) Cyclohexane	5.470	56	301751	132.651	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	358148	142.877	ug/l	99
36) 1,1-Dichloropropene	5.696	75	281053	141.290	ug/l	99
37) Ethyl Acetate	4.714	43	274474	118.418	ug/l	95
38) Carbon Tetrachloride	5.678	117	316650	141.431	ug/l	98
39) Methylcyclohexane	7.379	83	347260	146.219	ug/l	100
40) Benzene	6.037	78	801930	140.560	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	149178	120.687	ug/l	94
42) 1,2-Dichloroethane	6.086	62	317161	133.314	ug/l	95
43) Isopropyl Acetate	6.342	43	458216	124.190	ug/l	94
44) Trichloroethene	7.129	130	223217	139.249	ug/l	99
45) 1,2-Dichloropropane	7.433	63	205840	136.697	ug/l	96
46) Dibromomethane	7.580	93	155613	141.180	ug/l	99
47) Bromodichloromethane	7.824	83	307026	149.801	ug/l	99
48) Methyl methacrylate	7.696	41	230085	124.982	ug/l	88
49) 1,4-Dioxane	7.690	88	77758	2017.217	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	1377300	585.801	ug/l	93
52) Toluene	8.720	92	538995	144.144	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	338190	145.502	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	352032	146.358	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	220226	138.290	ug/l	99
56) Ethyl methacrylate	9.116	69	339403	142.136	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	352821	136.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	722299	626.748	ug/l	100
59) 2-Hexanone	9.433	43	1016225	554.707	ug/l	90
60) Dibromochloromethane	9.525	129	253530	157.711	ug/l	99
61) 1,2-Dibromoethane	9.610	107	236058	139.114	ug/l	100
64) Tetrachloroethene	9.275	164	189097	123.582	ug/l	96
65) Chlorobenzene	10.079	112	589200	144.996	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	227638	151.152	ug/l	100
67) Ethyl Benzene	10.195	91	1071145	150.686	ug/l	99
68) m/p-Xylenes	10.305	106	883309	324.571	ug/l	98
69) o-Xylene	10.646	106	430494	158.467	ug/l	99
70) Styrene	10.659	104	758582	172.132	ug/l	99
71) Bromoform	10.799	173	191161	168.580	ug/l #	99
73) Isopropylbenzene	10.963	105	1165372	138.817	ug/l	100
74) N-amyl acetate	10.848	43	443598	125.522	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	356204	131.154	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	338359m	130.529	ug/l	
77) Bromobenzene	11.201	156	284163	134.683	ug/l	95
78) n-propylbenzene	11.305	91	1368506	144.300	ug/l	99
79) 2-Chlorotoluene	11.366	91	796361	135.186	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1039275	146.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	110791	125.699	ug/l	94
82) 4-Chlorotoluene	11.457	91	974559	145.403	ug/l	99
83) tert-Butylbenzene	11.719	119	1020365	149.395	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	996795	143.198	ug/l	99
85) sec-Butylbenzene	11.890	105	1240836	145.003	ug/l	99
86) p-Isopropyltoluene	12.012	119	1079458	150.278	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	539514	142.758	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	547835	142.016	ug/l	99
89) n-Butylbenzene	12.335	91	998620	160.675	ug/l	98
90) Hexachloroethane	12.542	117	174871	151.103	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	533723	143.951	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	76044	122.043	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	353345	161.722	ug/l	99
94) Hexachlorobutadiene	13.725	225	143793	131.792	ug/l	99
95) Naphthalene	13.774	128	1109114	157.858	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	349694	158.787	ug/l	99

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

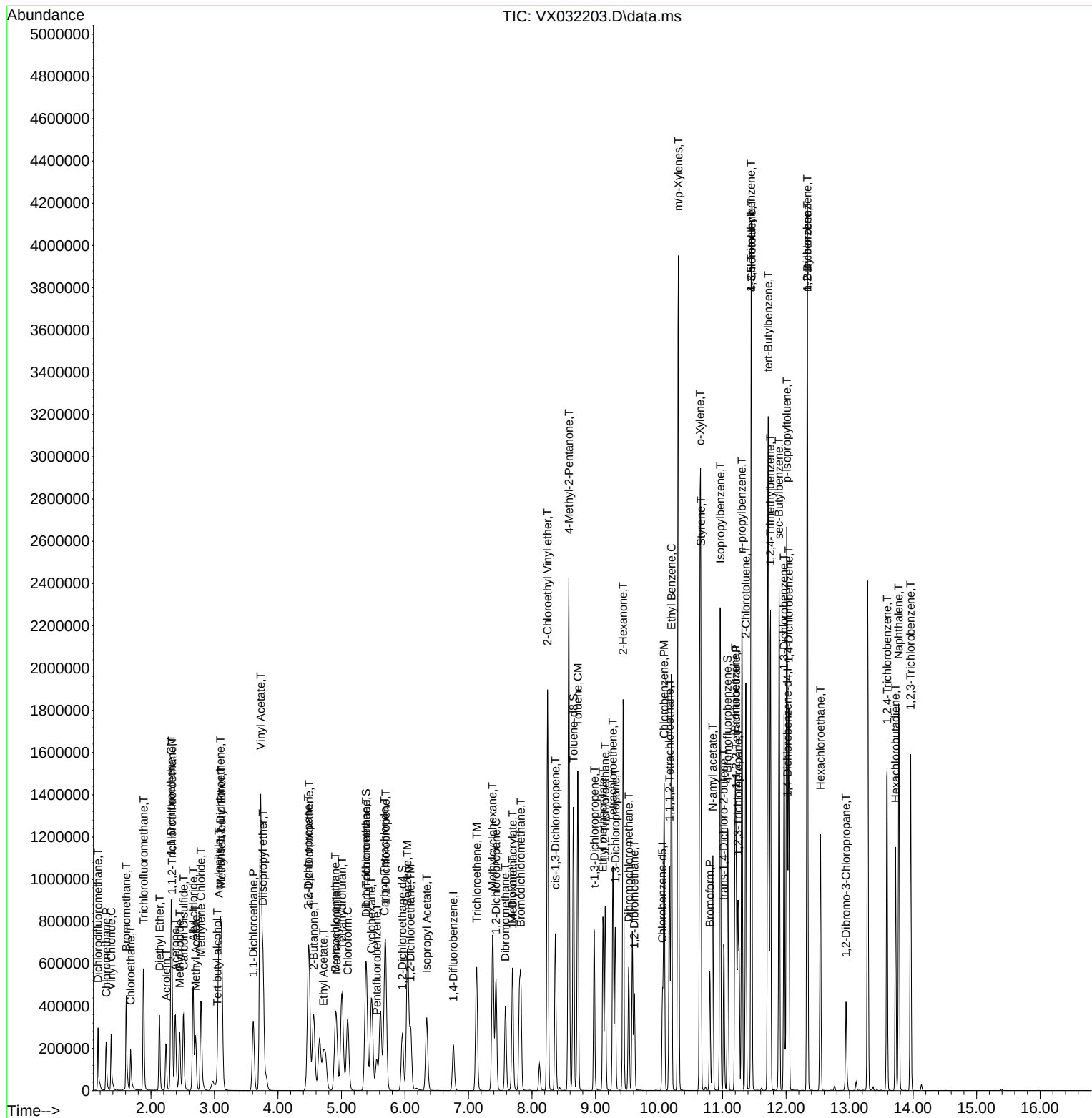
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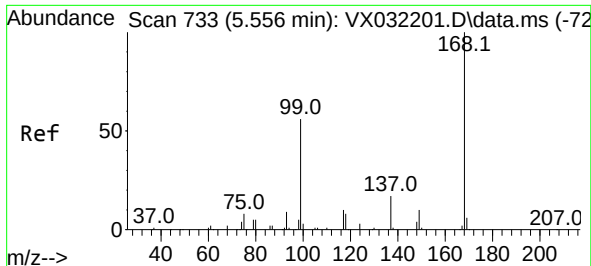
Instrument :
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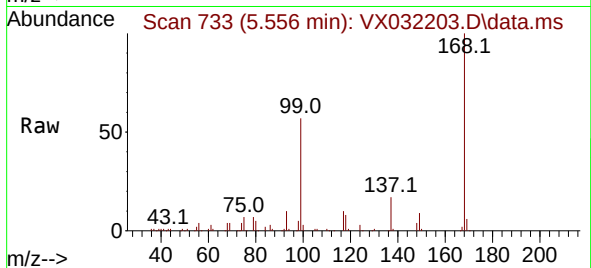
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032203.D
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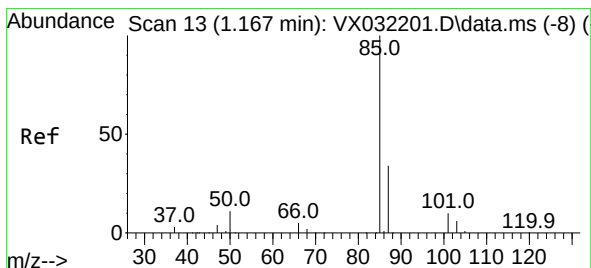
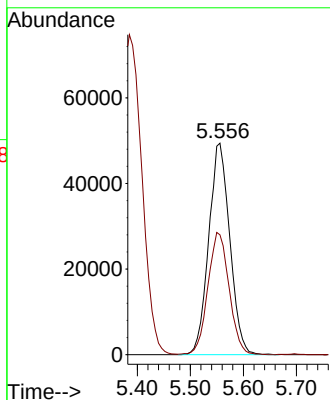
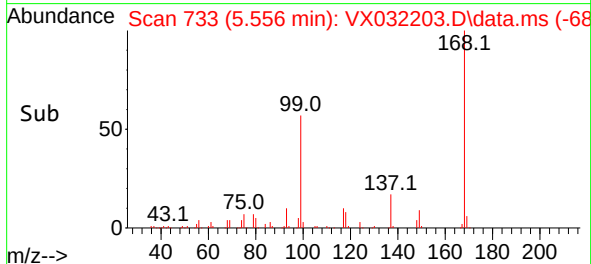
Instrument :
MSVOA_X
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VSTDIC150



Tgt Ion:168 Resp: 136380
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6

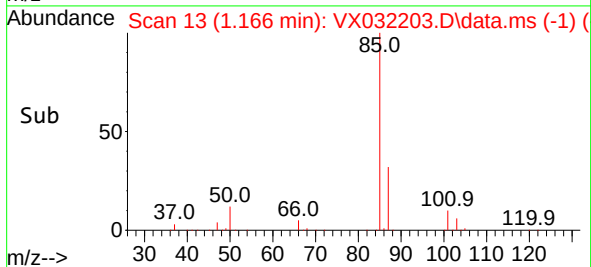
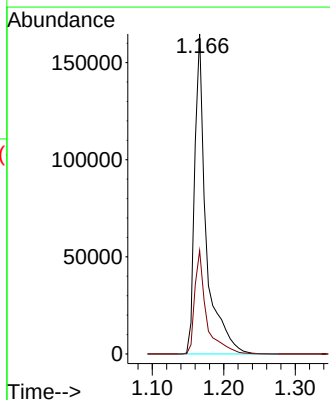
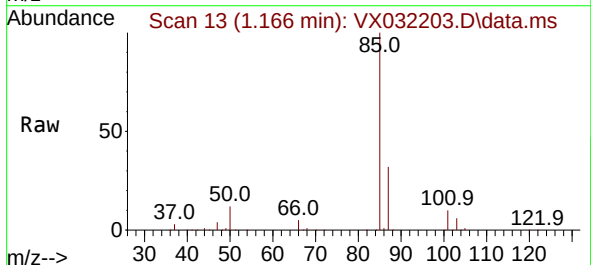
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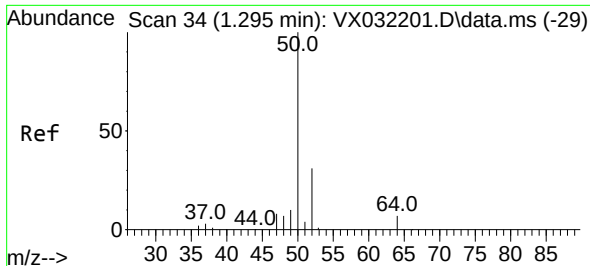
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#2
Dichlorodifluoromethane
Concen: 139.733 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.007 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion: 85 Resp: 183187
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.2





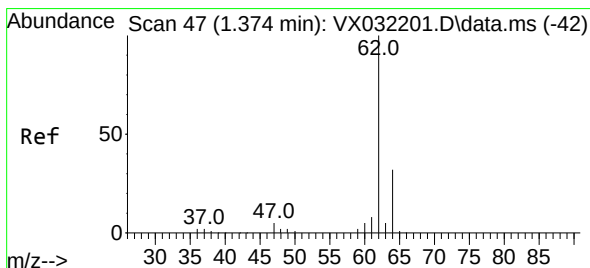
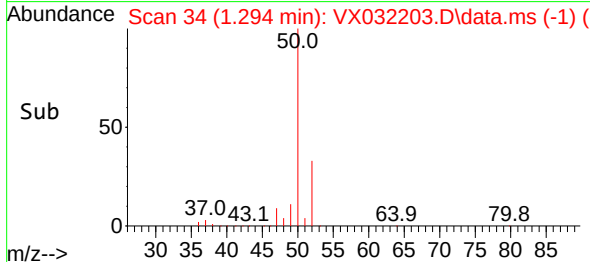
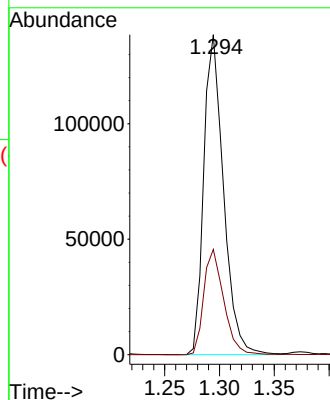
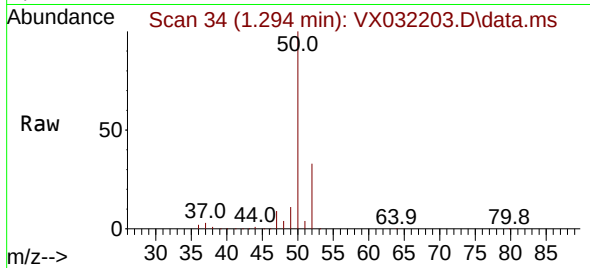
#3
Chloromethane
Concen: 126.458 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

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Tgt Ion: 50 Resp: 173124
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6

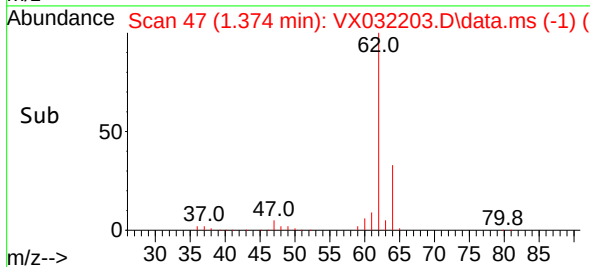
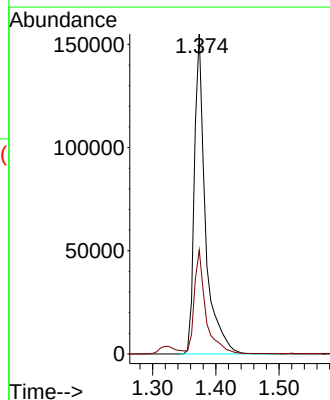
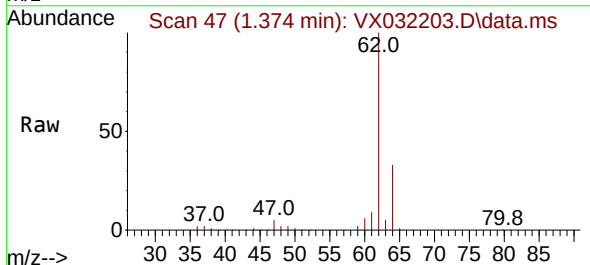
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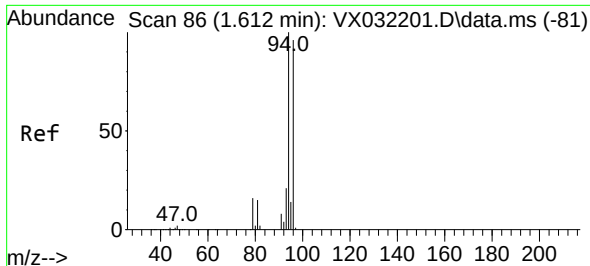
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#4
Vinyl Chloride
Concen: 138.667 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

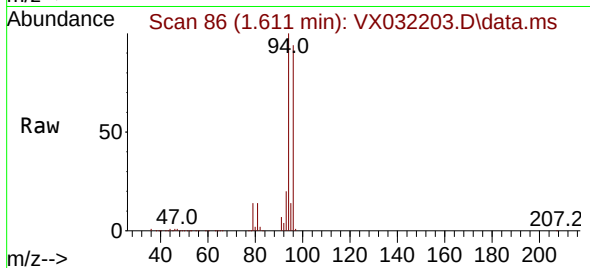
Tgt Ion: 62 Resp: 188930
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5





#5
Bromomethane
Concen: 230.428 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

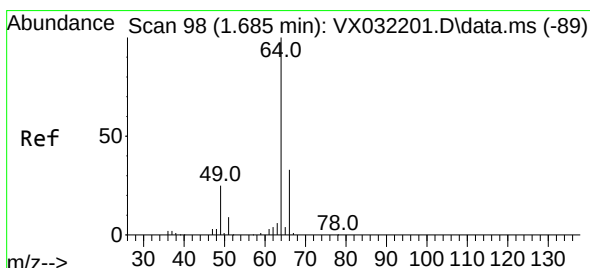
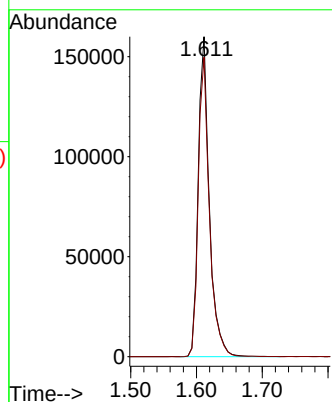
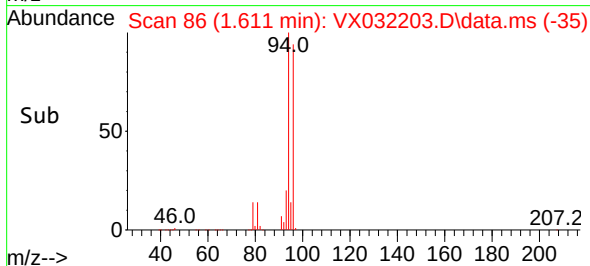
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Tgt Ion: 94 Resp: 18690
Ion Ratio Lower Upper
94 100
96 93.6 76.4 114.6

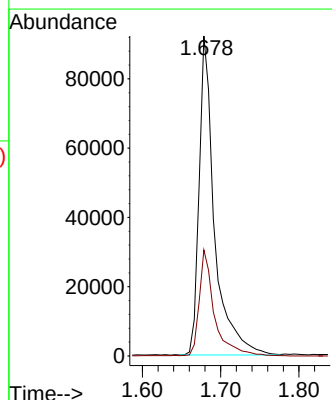
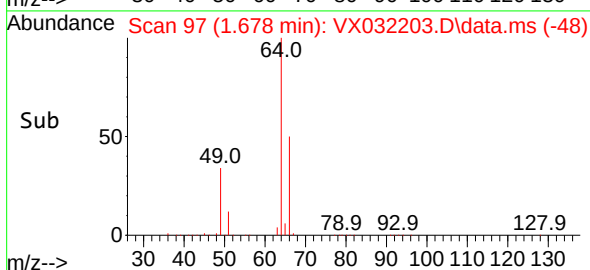
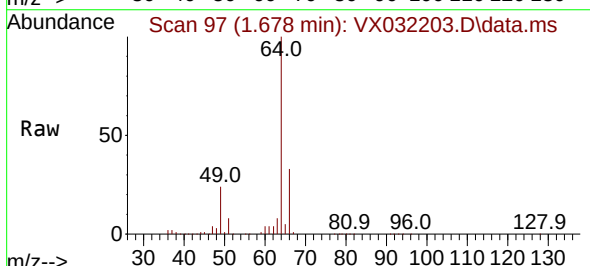
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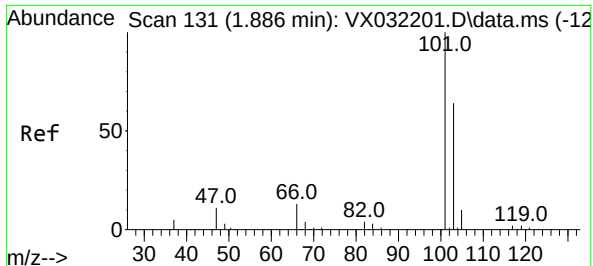
Reviewed By :John Carlone 10/20/2022
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#6
Chloroethane
Concen: 139.797 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX032203.D
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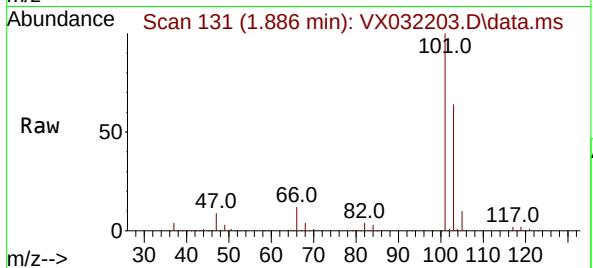
Tgt Ion: 64 Resp: 125810
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.0





#7
Trichlorofluoromethane
Concen: 161.339 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

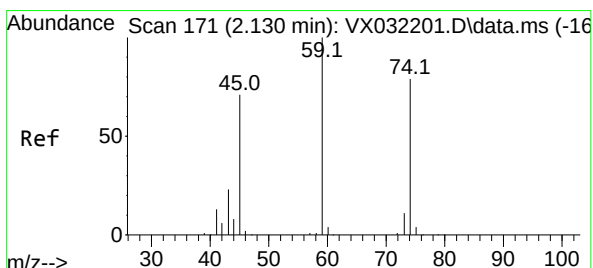
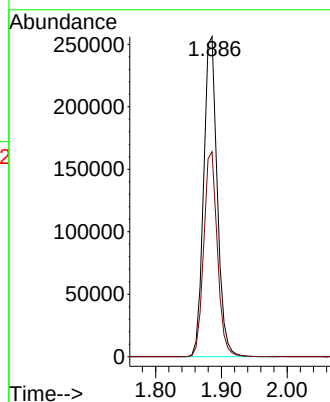
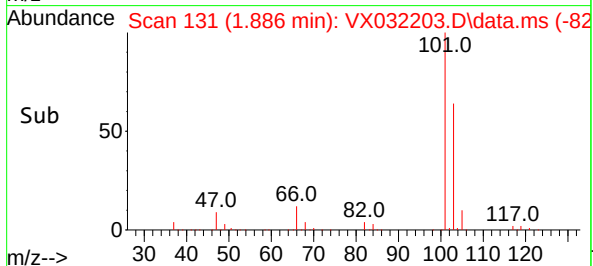
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 36873
Ion Ratio Lower Upper
101 100
103 64.1 53.2 79.8

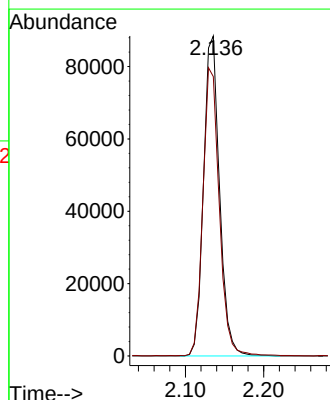
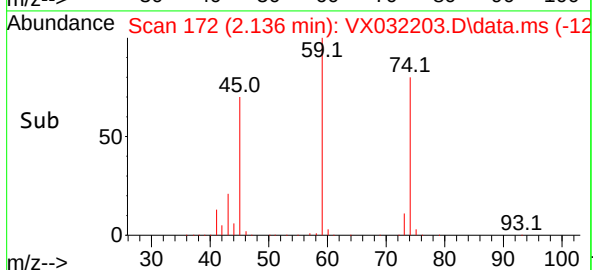
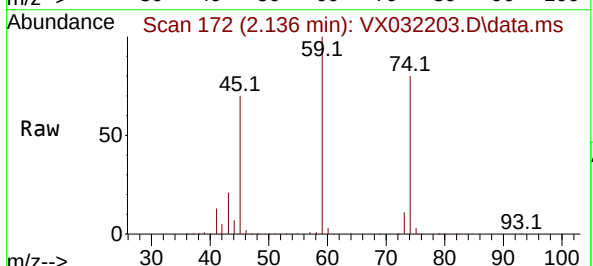
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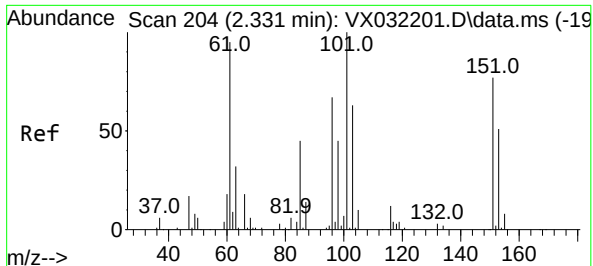
Reviewed By :John Carlone 10/20/2022
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#8
Diethyl Ether
Concen: 158.008 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion: 74 Resp: 124958
Ion Ratio Lower Upper
74 100
45 92.8 44.5 133.5





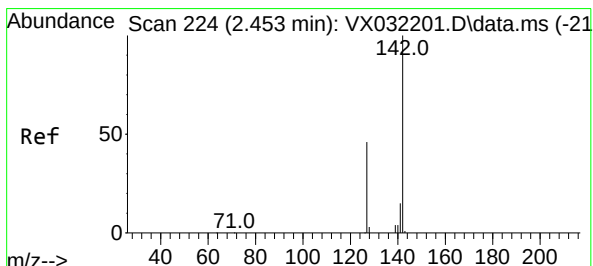
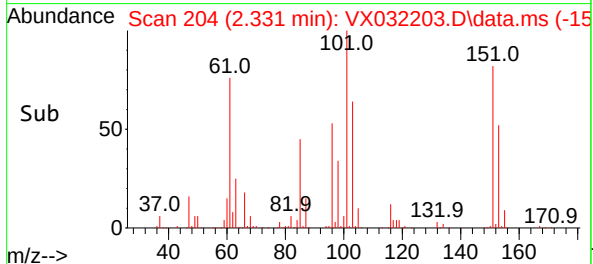
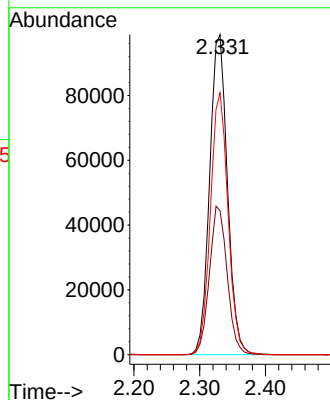
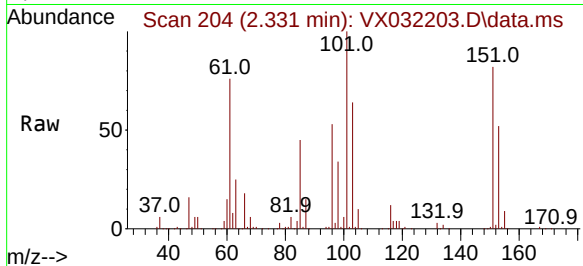
#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.525 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 18599
Ion Ratio Lower Upper
101 100
85 46.3 34.9 52.3
151 81.1 61.4 92.2

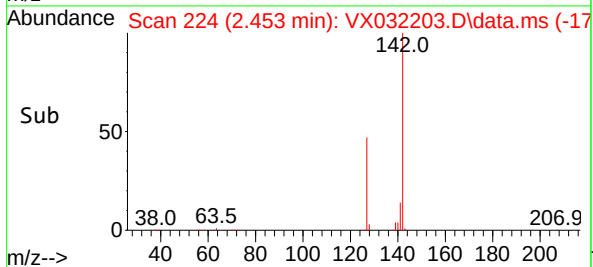
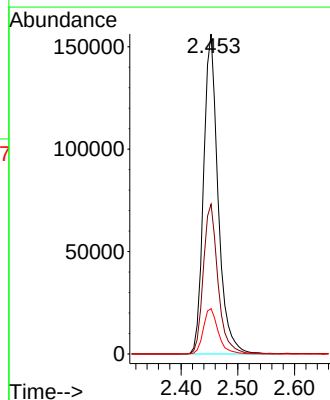
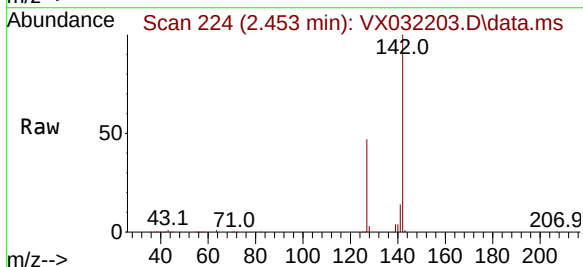
Manual Integrations
APPROVED

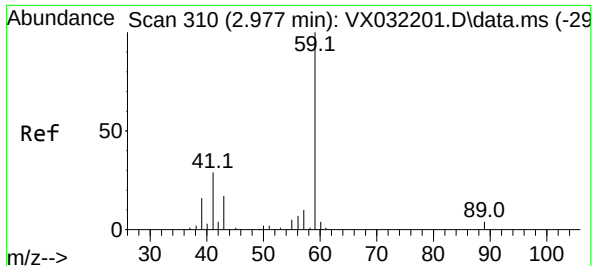
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#10
Methyl Iodide
Concen: 149.367 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion:142 Resp: 277454
Ion Ratio Lower Upper
142 100
127 47.3 33.3 49.9
141 14.5 11.4 17.0





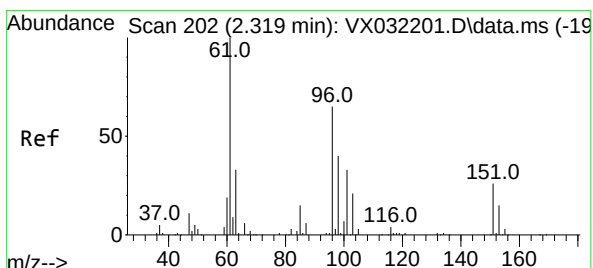
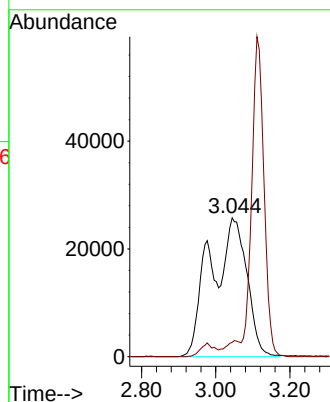
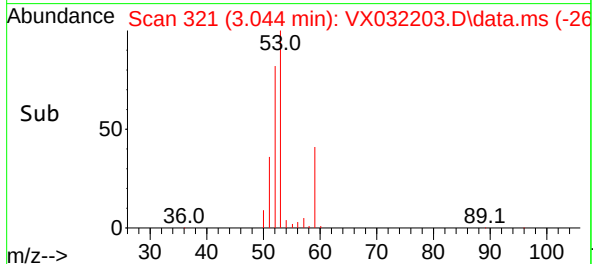
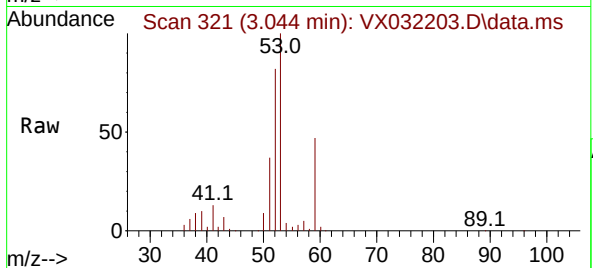
#11
Tert butyl alcohol
Concen: 379.345 ug/l m
RT: 3.044 min Scan# 310
Delta R.T. 0.061 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 17503
Ion Ratio Lower Upper
59 100
57 3.8 7.8 11.8

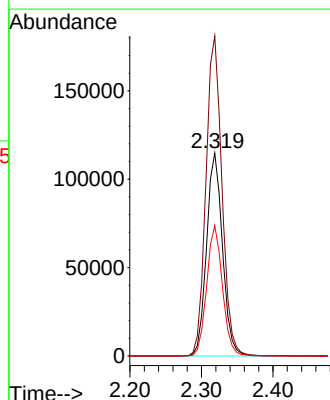
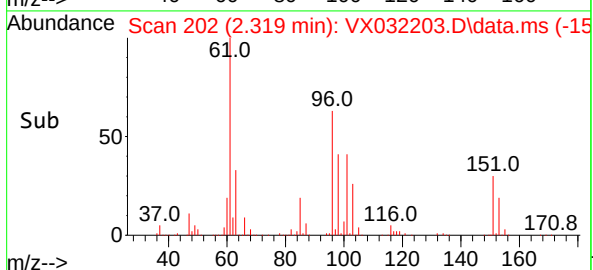
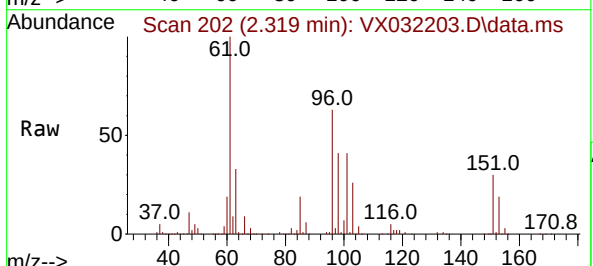
Manual Integrations
APPROVED

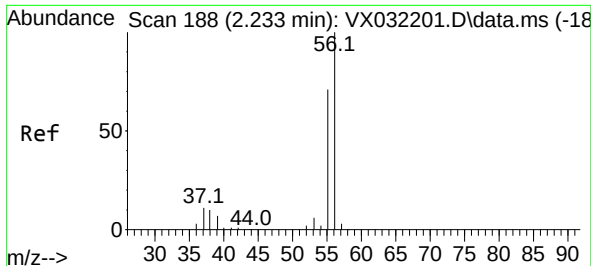
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#12
1,1-Dichloroethene
Concen: 141.372 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

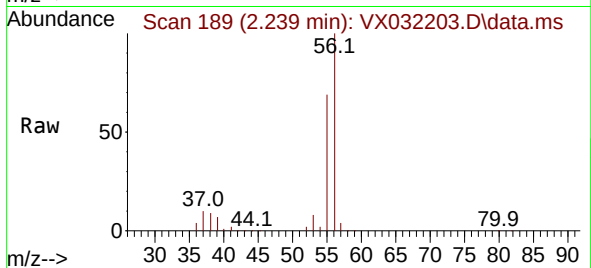
Tgt Ion: 96 Resp: 177771
Ion Ratio Lower Upper
96 100
61 157.8 124.6 187.0
98 64.3 50.6 76.0





#13
Acrolein
Concen: 1231.635 ug/l
RT: 2.239 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

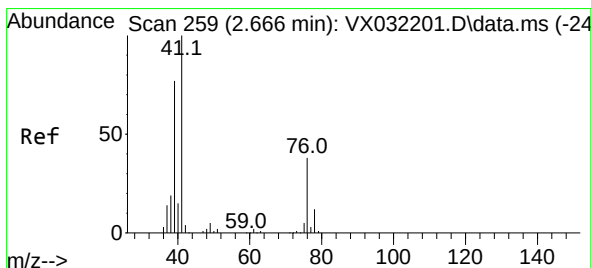
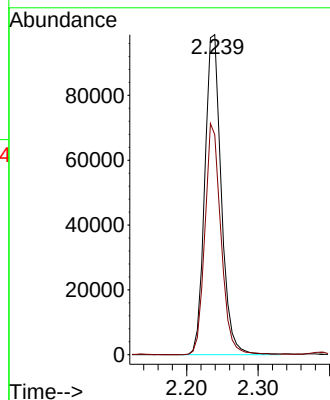
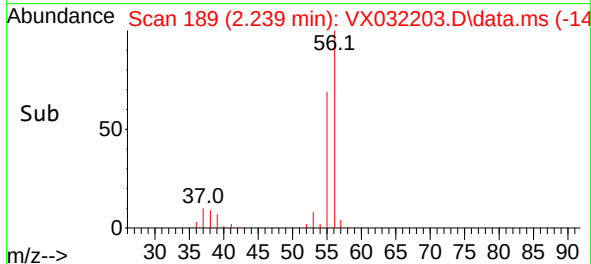
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 157864
Ion Ratio Lower Upper
56 100
55 70.6 56.4 84.6

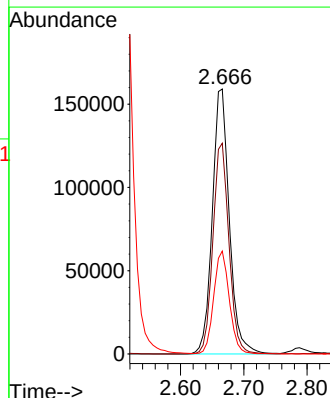
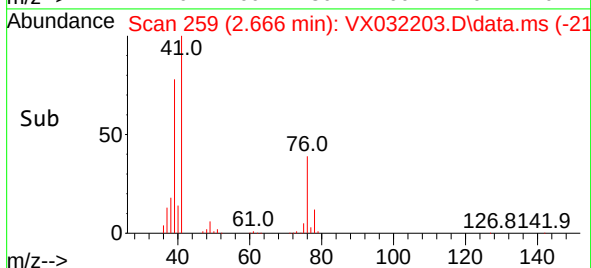
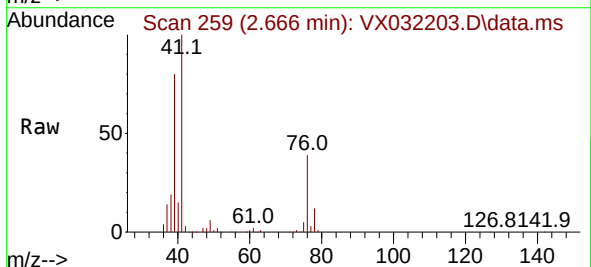
Manual Integrations
APPROVED

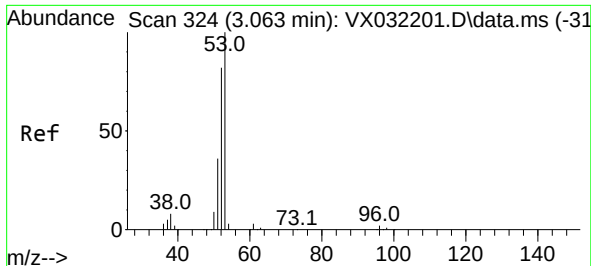
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#14
Allyl chloride
Concen: 130.236 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

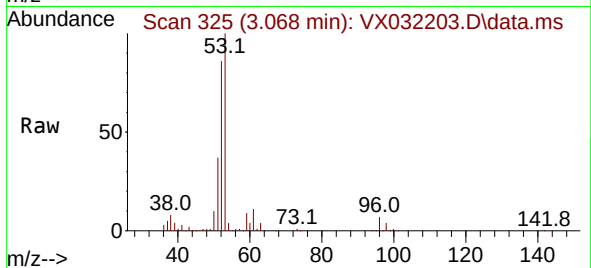
Tgt Ion: 41 Resp: 297627
Ion Ratio Lower Upper
41 100
39 74.9 51.6 77.4
76 35.7 30.5 45.7





#15
Acrylonitrile
Concen: 604.901 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

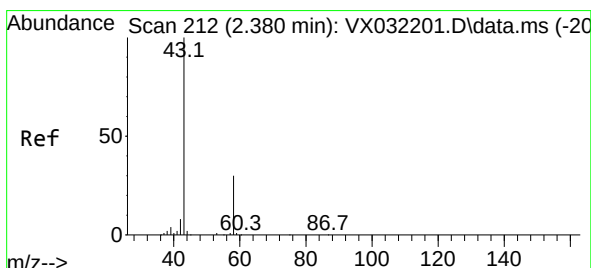
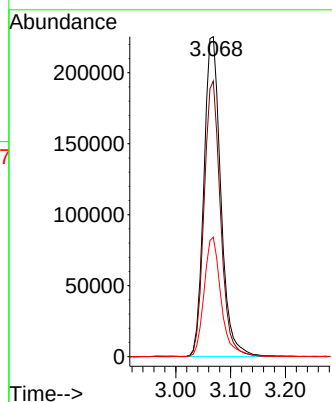
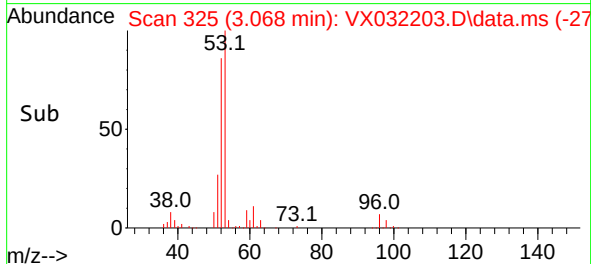
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 48115
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 37.6 28.2 42.2

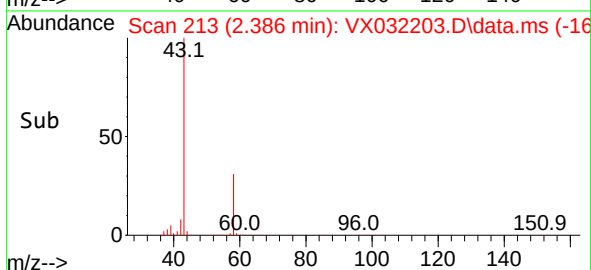
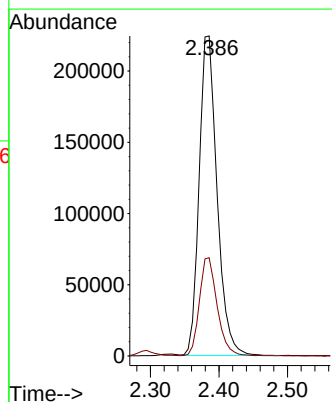
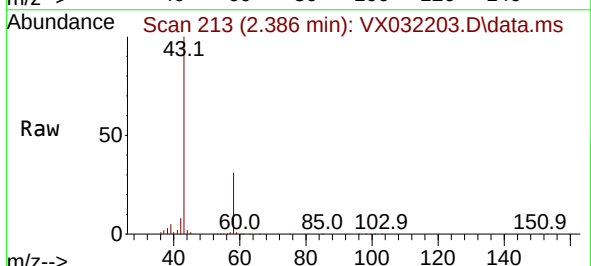
Manual Integrations
APPROVED

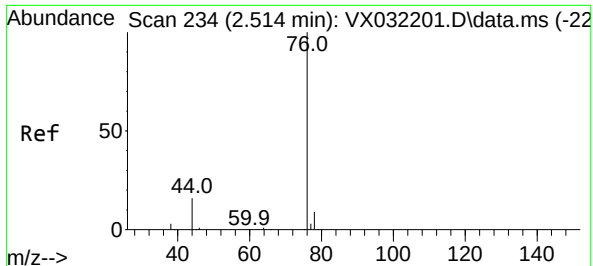
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#16
Acetone
Concen: 492.756 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

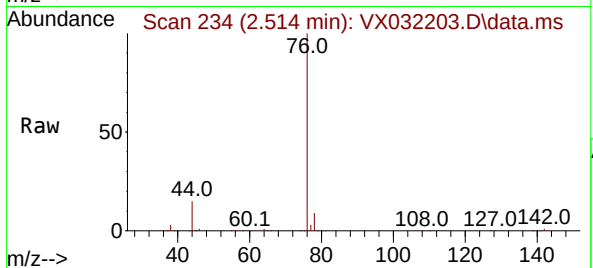
Tgt Ion: 43 Resp: 408604
Ion Ratio Lower Upper
43 100
58 30.7 27.8 41.8





#17
Carbon Disulfide
Concen: 141.416 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

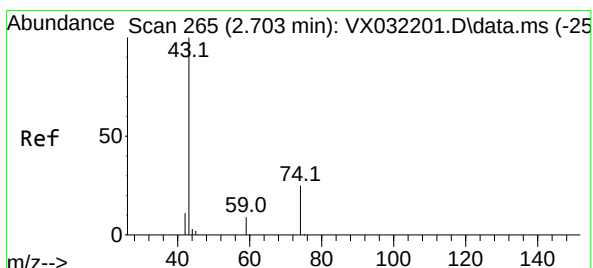
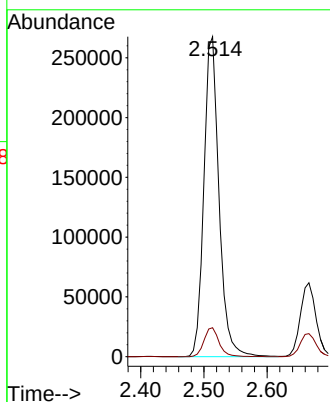
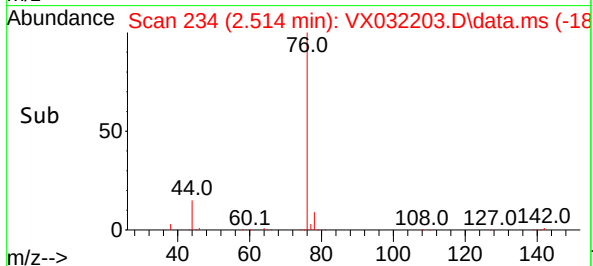
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



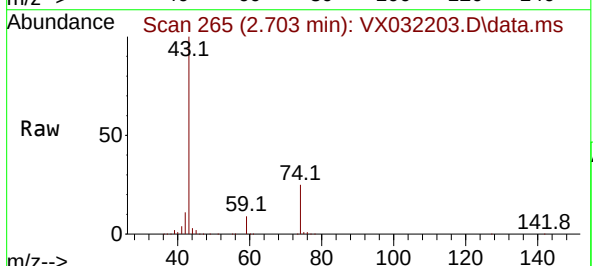
Tgt Ion: 76 Resp: 44564
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

Manual Integrations
APPROVED

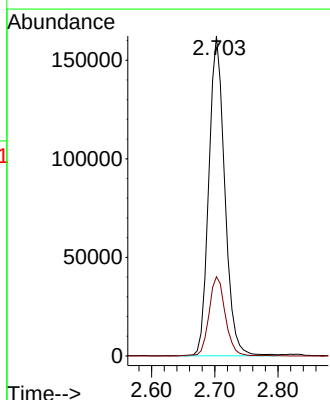
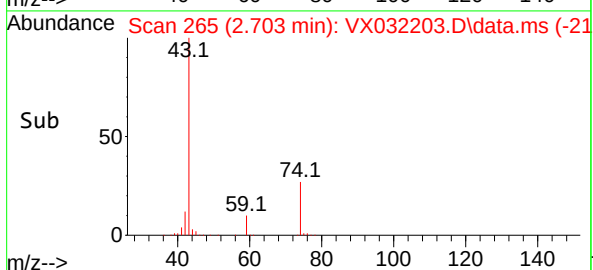
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

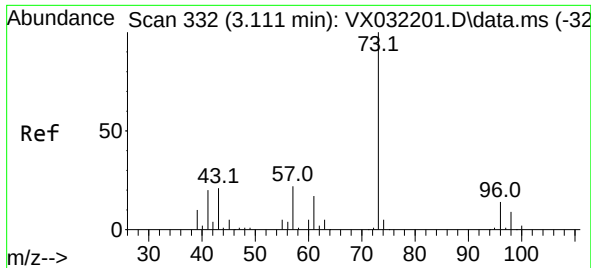


#18
Methyl Acetate
Concen: 109.375 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.012 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18



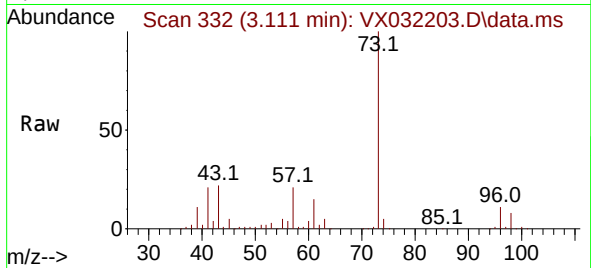
Tgt Ion: 43 Resp: 284345
Ion Ratio Lower Upper
43 100
74 25.3 21.9 32.9





#19
Methyl tert-butyl Ether
Concen: 137.663 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.012 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

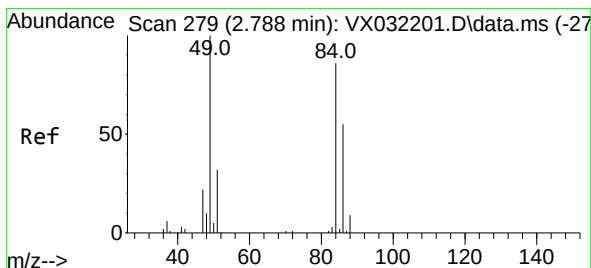
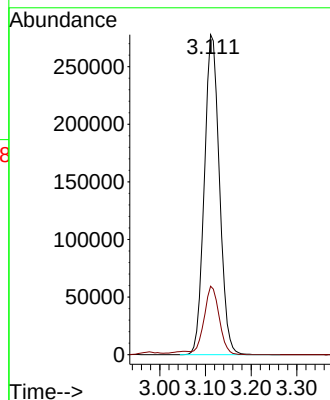
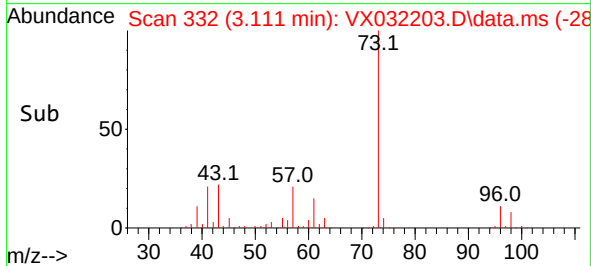
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 636189
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7

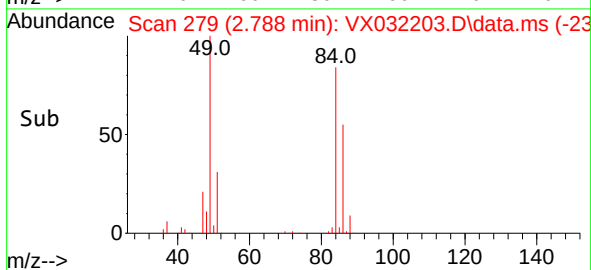
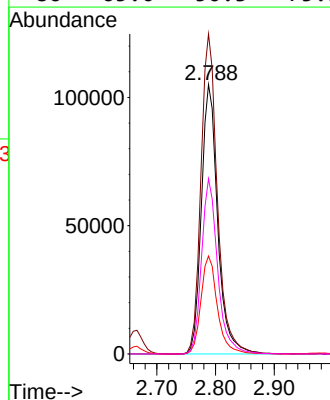
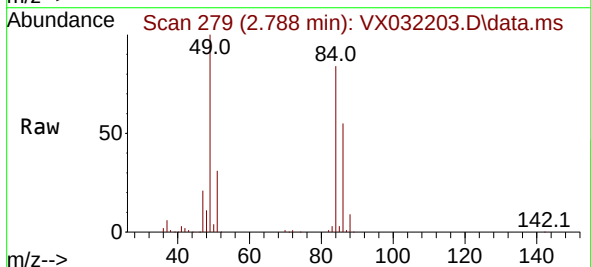
Manual Integrations
APPROVED

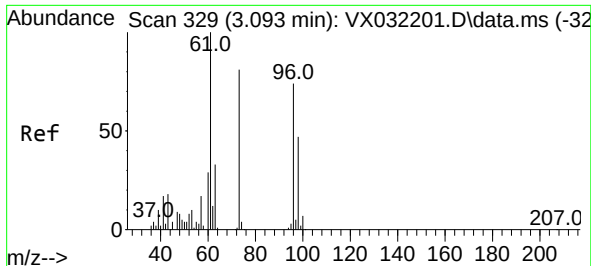
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#20
Methylene Chloride
Concen: 126.911 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

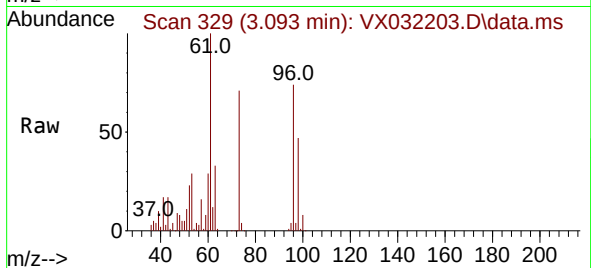
Tgt Ion: 84 Resp: 202086
Ion Ratio Lower Upper
84 100
49 118.7 88.6 132.8
51 36.3 27.0 40.6
86 65.0 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 143.678 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

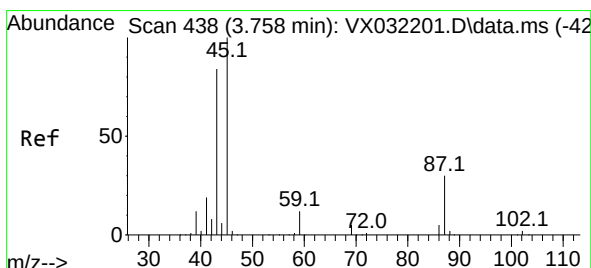
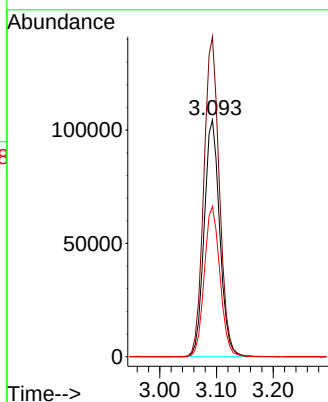
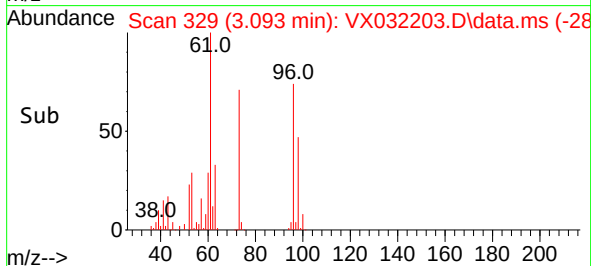
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 197795
Ion Ratio Lower Upper
96 100
61 135.1 107.7 161.5
98 63.4 50.4 75.6

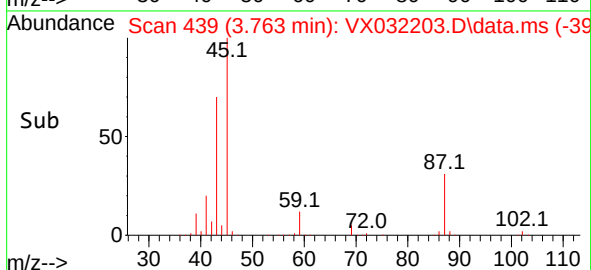
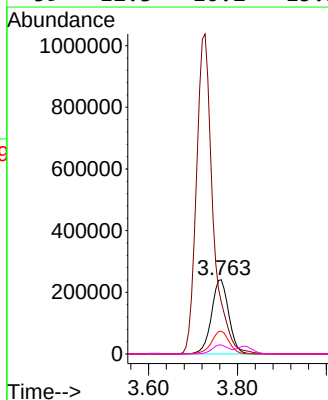
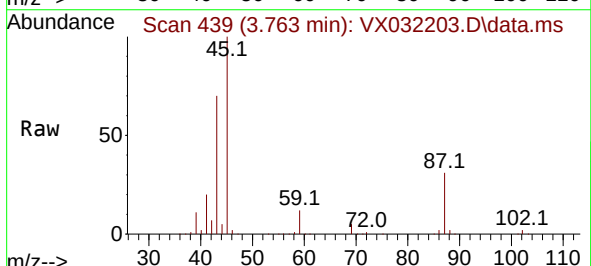
Manual Integrations
APPROVED

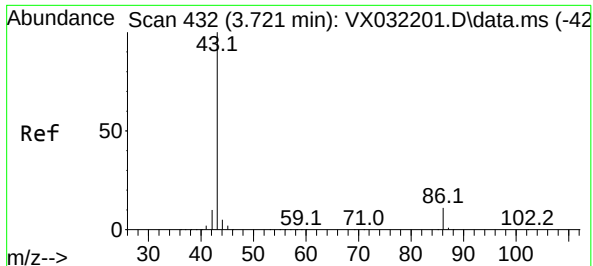
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#22
Diisopropyl ether
Concen: 144.590 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.013 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion: 45 Resp: 648994
Ion Ratio Lower Upper
45 100
43 70.0 58.0 87.0
87 30.5 25.4 38.0
59 12.3 10.2 15.2





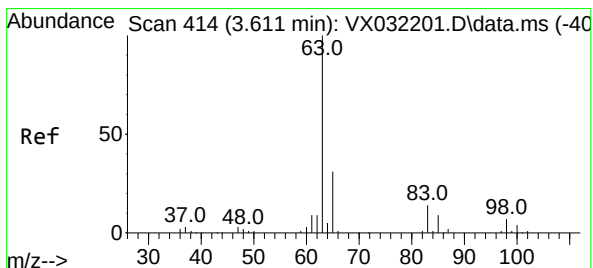
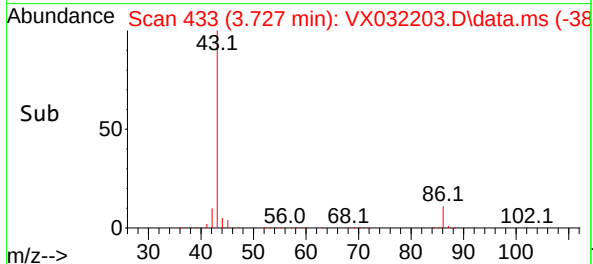
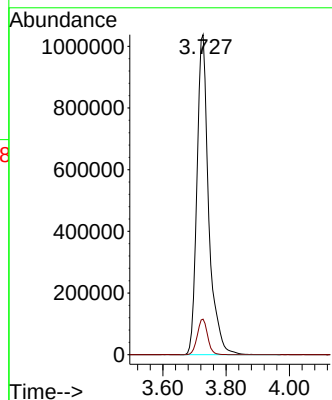
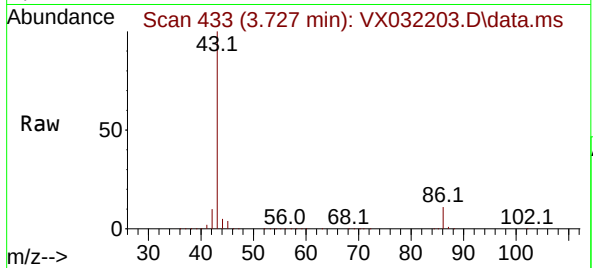
#23
 Vinyl Acetate
 Concen: 734.485 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX032203.D
 Acq: 19 Oct 2022 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 2676794
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.9 14.9

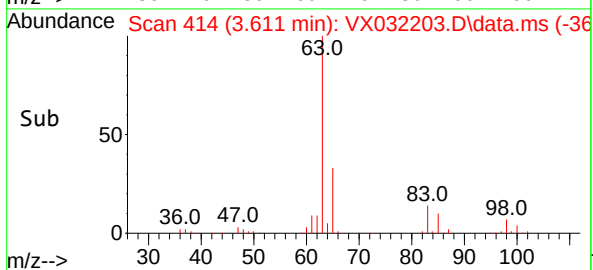
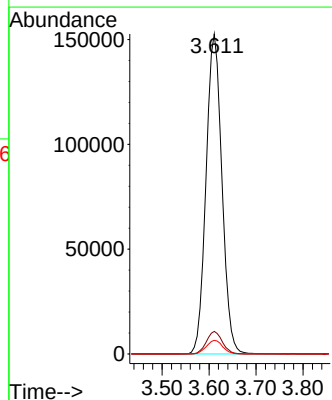
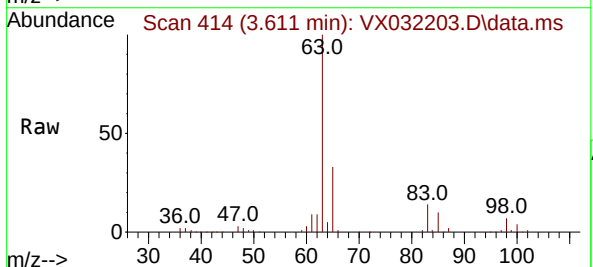
Manual Integrations
 APPROVED

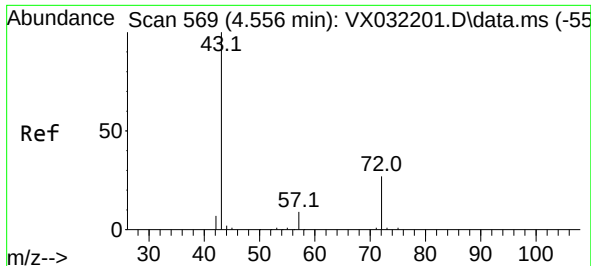
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#24
 1,1-Dichloroethane
 Concen: 135.695 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VX032203.D
 Acq: 19 Oct 2022 13:18

Tgt Ion: 63 Resp: 357393
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.3 2.5 7.5





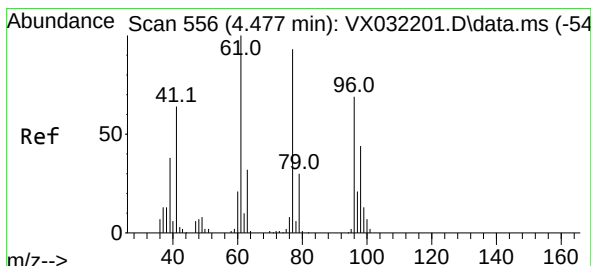
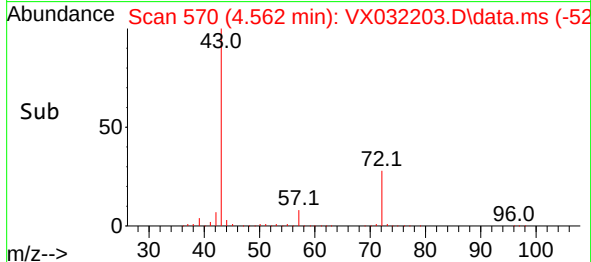
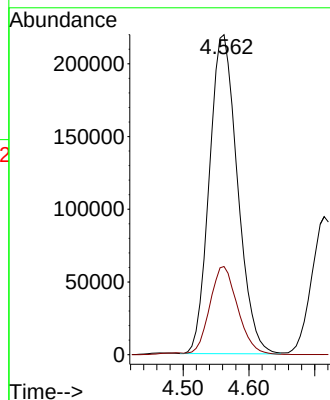
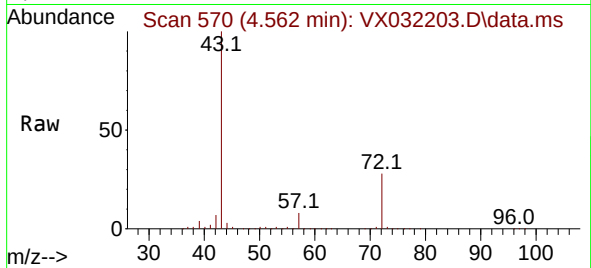
#25
2-Butanone
Concen: 534.942 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 65334
Ion Ratio Lower Upper
43 100
72 27.5 23.7 35.5

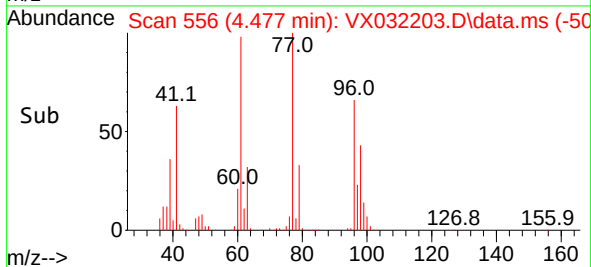
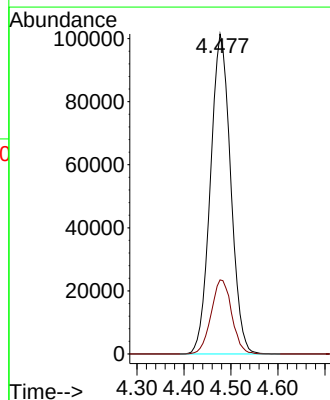
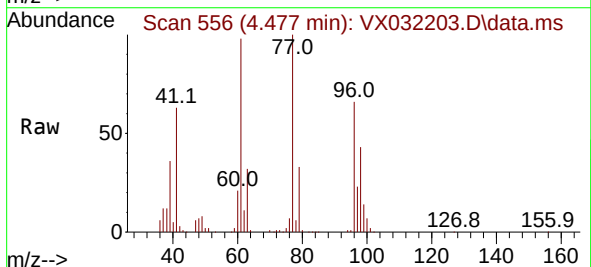
Manual Integrations
APPROVED

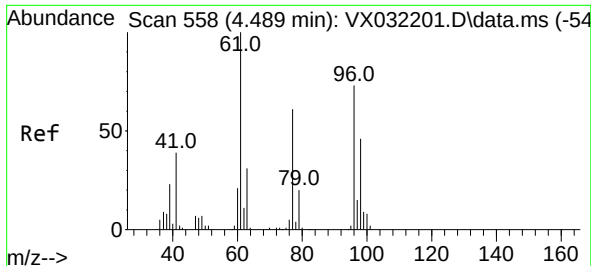
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#26
2,2-Dichloropropane
Concen: 131.403 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.012 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion: 77 Resp: 303131
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 146.659 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 23316

Ion Ratio Lower Upper

96 100

61 143.2 0.0 285.6

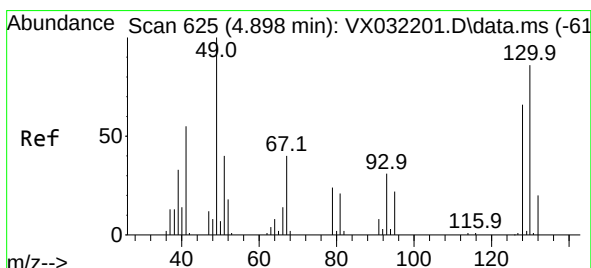
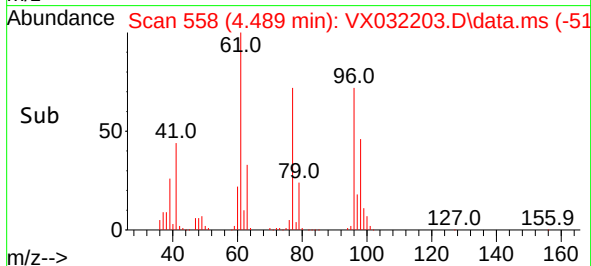
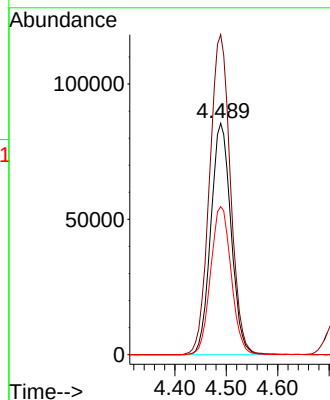
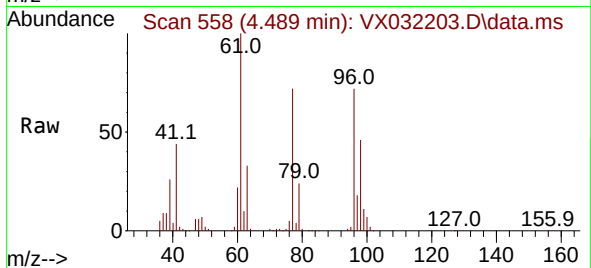
98 65.1 0.0 129.6

Manual Integrations

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Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#28

Bromochloromethane

Concen: 131.560 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.007 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

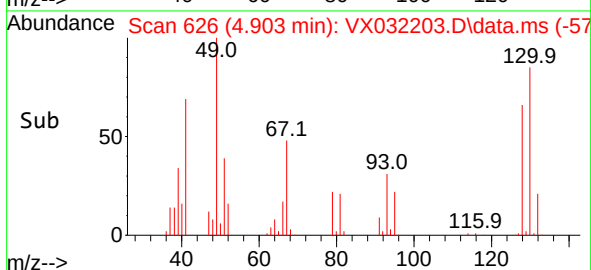
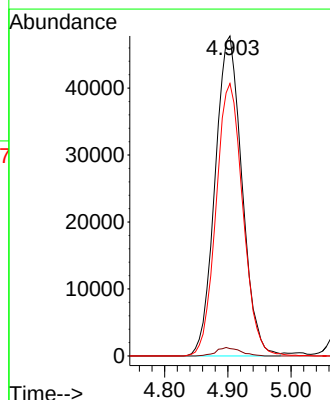
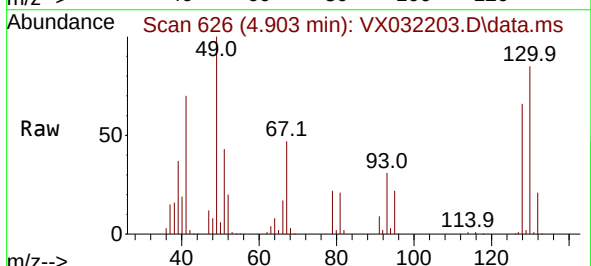
Tgt Ion: 49 Resp: 141183

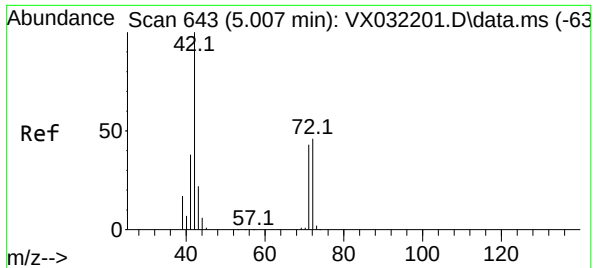
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.0

130 84.9 68.2 102.2





#29

Tetrahydrofuran

Concen: 559.266 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.012 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 42753

Ion Ratio Lower Upper

42 100

72 47.1 41.7 62.5

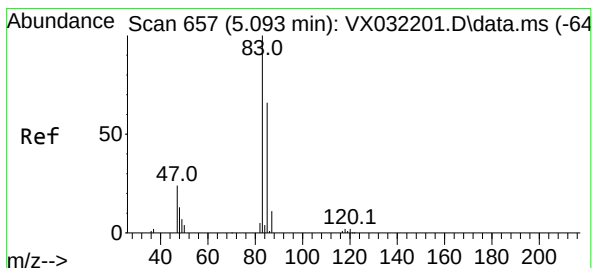
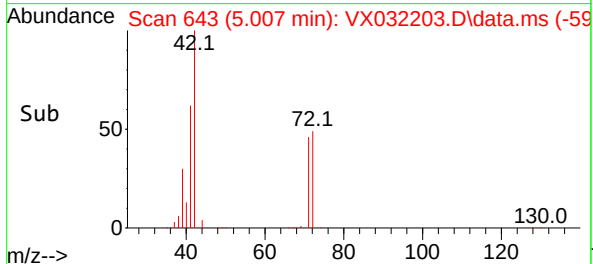
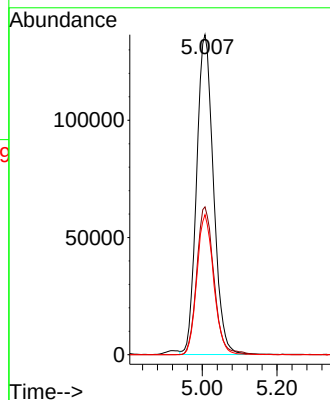
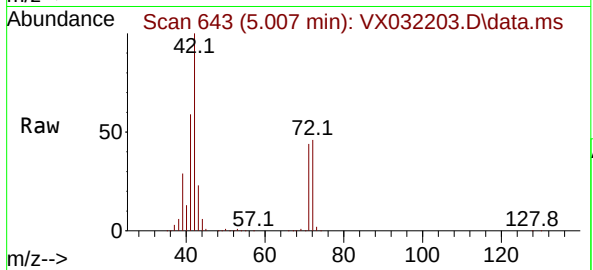
71 43.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#30

Chloroform

Concen: 140.650 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX032203.D

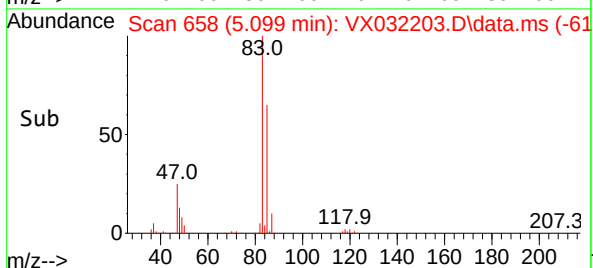
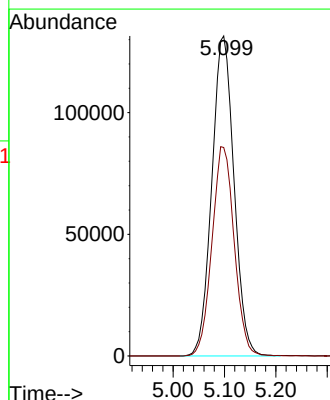
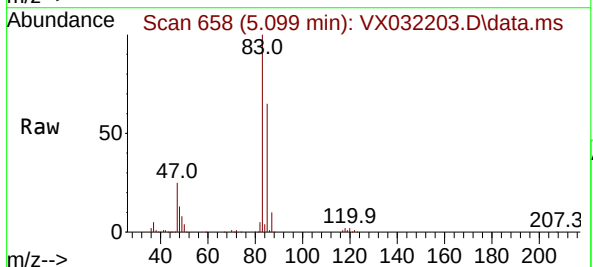
Acq: 19 Oct 2022 13:18

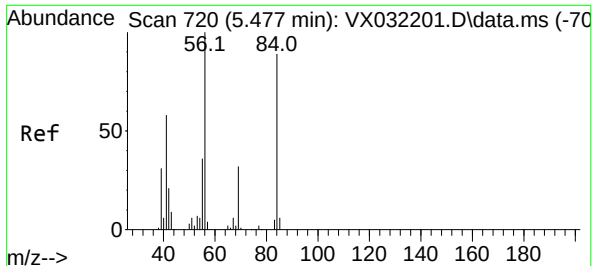
Tgt Ion: 83 Resp: 393938

Ion Ratio Lower Upper

83 100

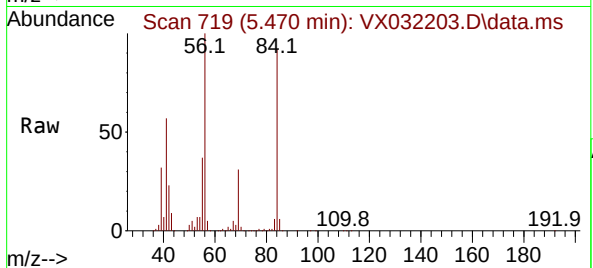
85 65.2 52.0 78.0





#31
Cyclohexane
Concen: 132.651 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

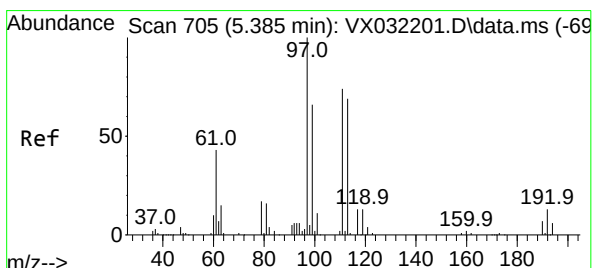
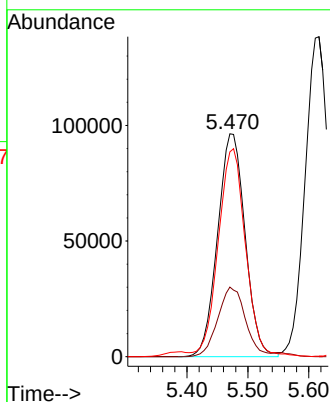
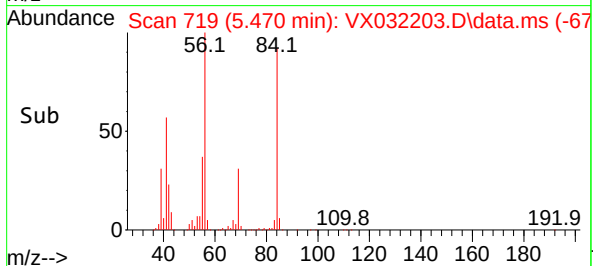
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 30175
Ion Ratio Lower Upper
56 100
69 31.3 25.3 37.9
84 90.6 71.4 107.0

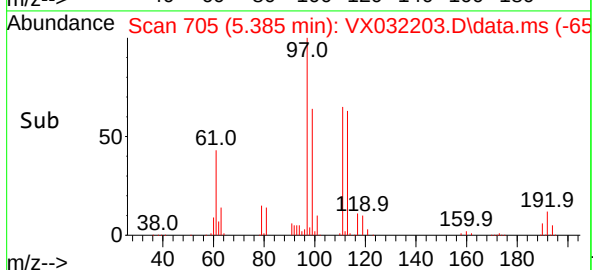
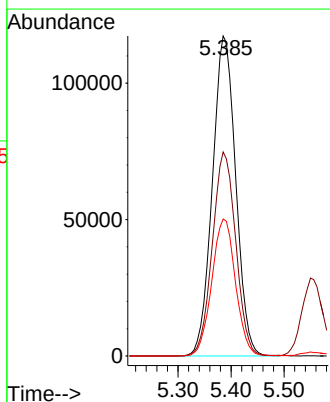
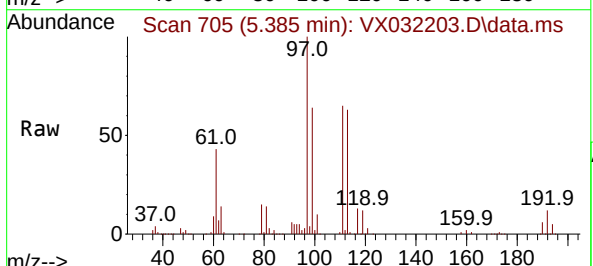
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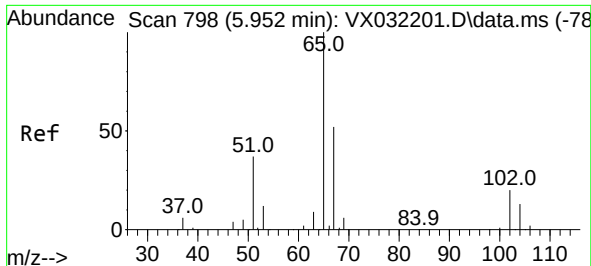
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#32
1,1,1-Trichloroethane
Concen: 142.877 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion: 97 Resp: 358148
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 43.6 34.2 51.4





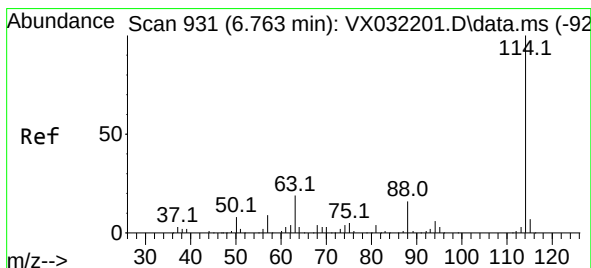
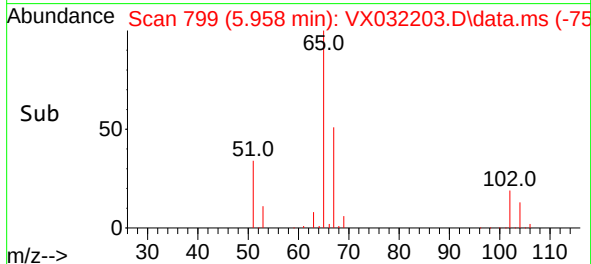
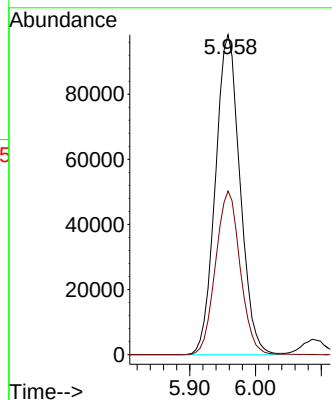
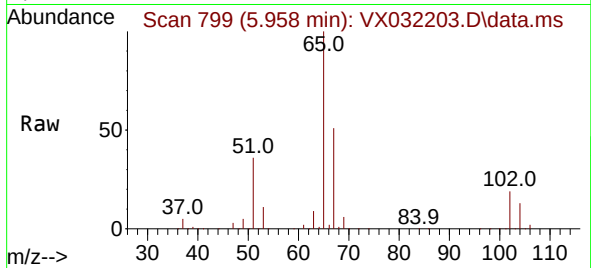
#33
1,2-Dichloroethane-d4
Concen: 131.792 ug/l
RT: 5.958 min Scan# 798
Delta R.T. -0.013 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 25630
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

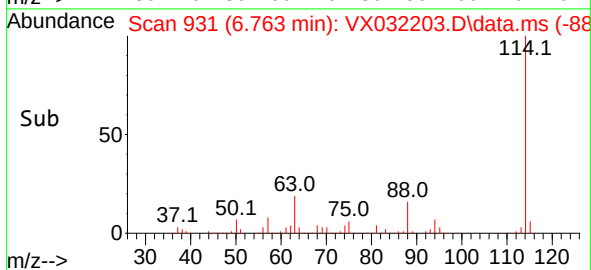
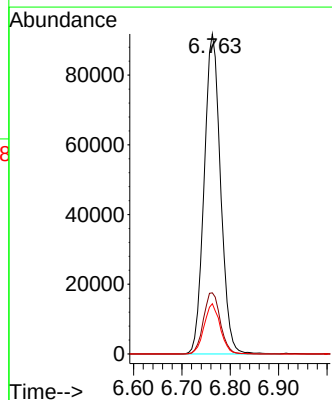
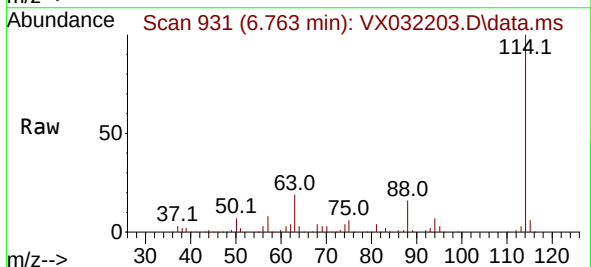
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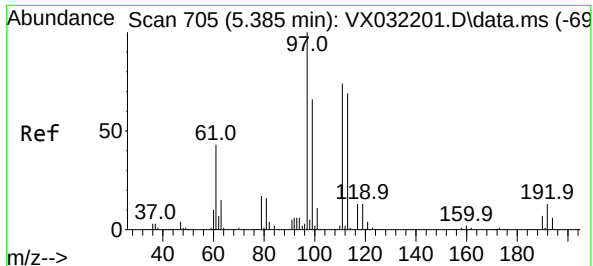
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion:114 Resp: 216358
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.8
88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 146.895 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 21314

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

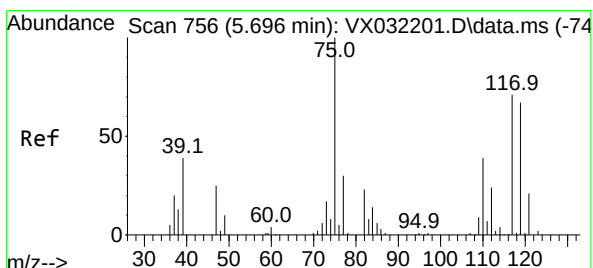
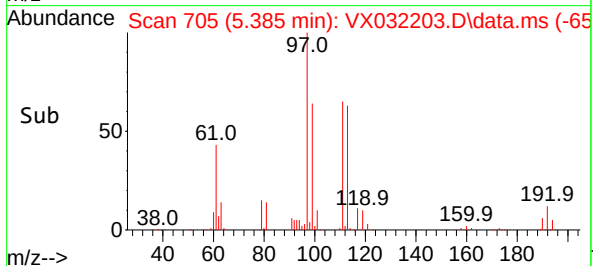
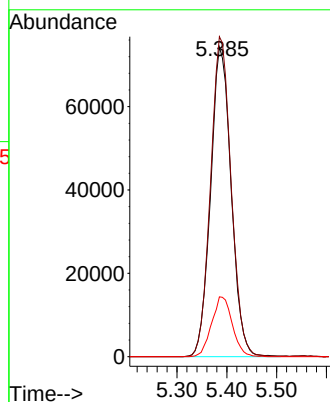
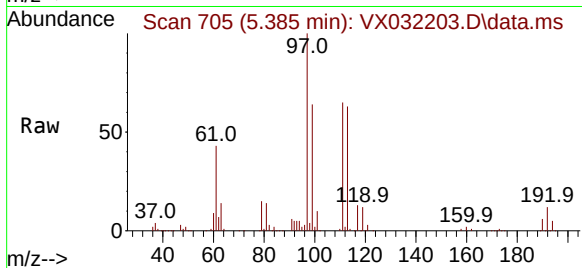
192 19.4 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#36

1,1-Dichloropropene

Concen: 141.290 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

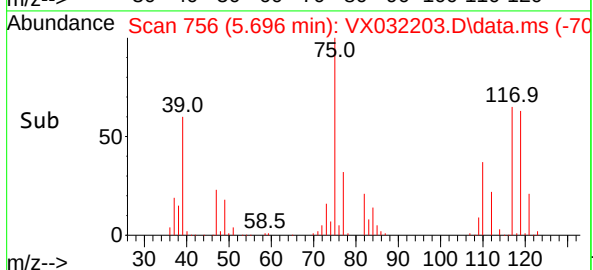
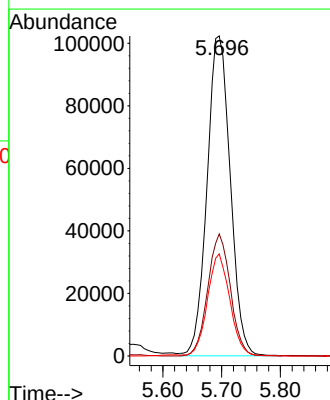
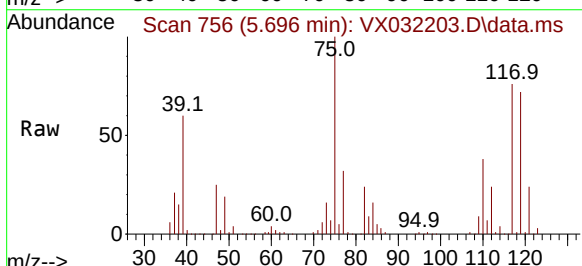
Tgt Ion: 75 Resp: 281053

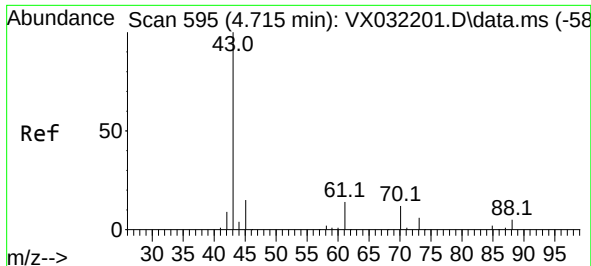
Ion Ratio Lower Upper

75 100

110 37.1 18.1 54.4

77 30.8 25.3 37.9





#37

Ethyl Acetate

Concen: 118.418 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.019 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 274474

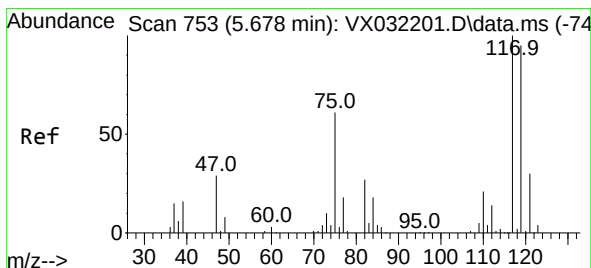
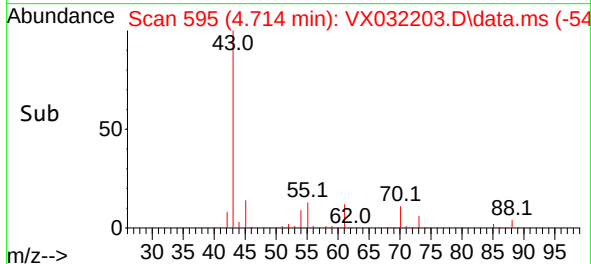
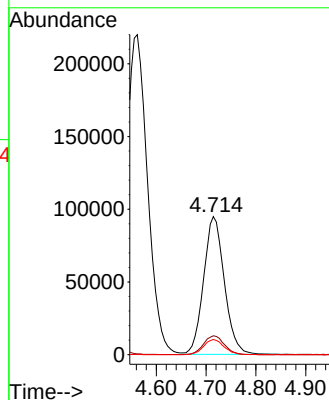
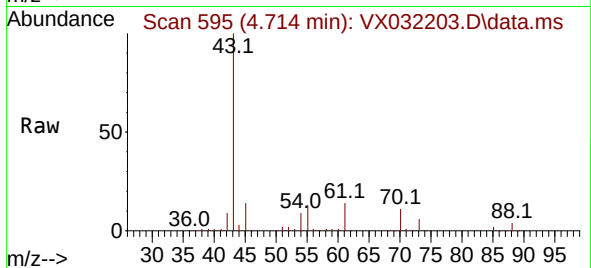
Ion	Ratio	Lower	Upper
43	100		
61	13.9	12.8	19.2
70	10.8	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#38

Carbon Tetrachloride

Concen: 141.431 ug/l

RT: 5.678 min Scan# 753

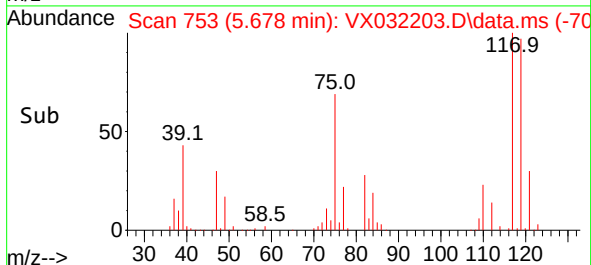
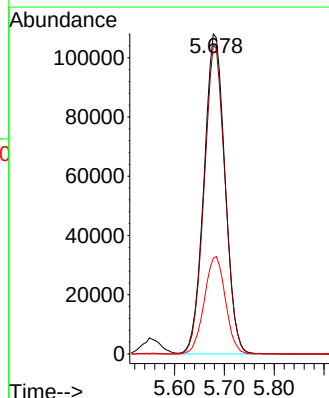
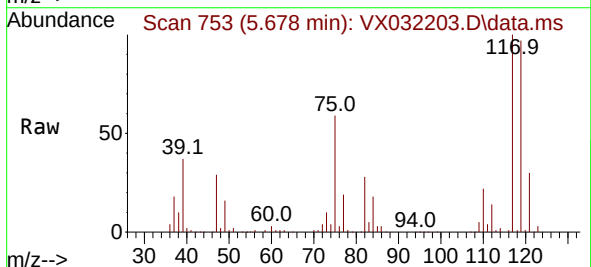
Delta R.T. -0.006 min

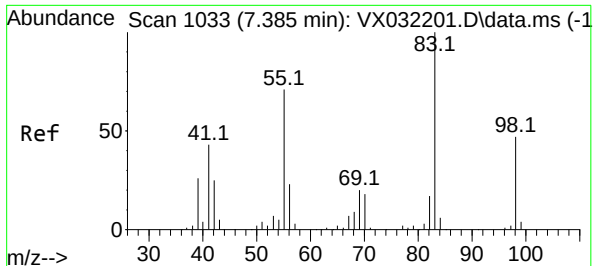
Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Tgt Ion:117 Resp: 316650

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.2	114.2
121	29.9	24.8	37.2





#39

Methylcyclohexane

Concen: 146.219 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 347260

Ion Ratio Lower Upper

83 100

55 73.1 58.9 88.3

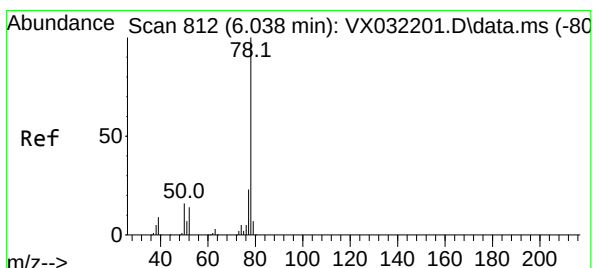
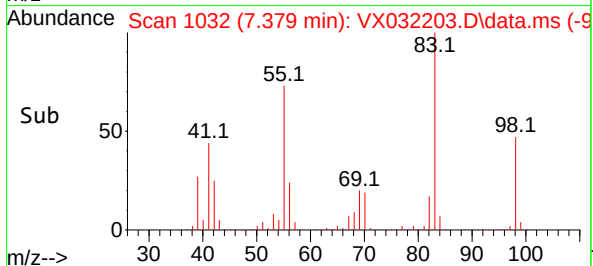
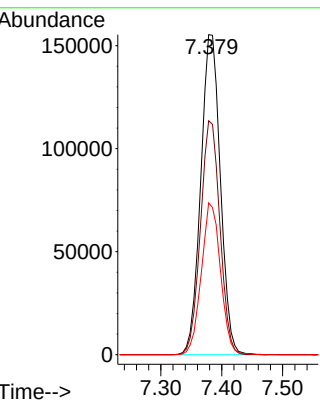
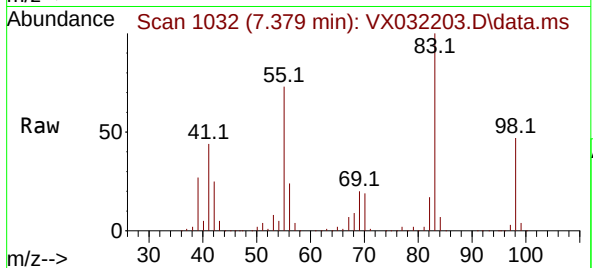
98 47.4 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#40

Benzene

Concen: 140.560 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.013 min

Lab File: VX032203.D

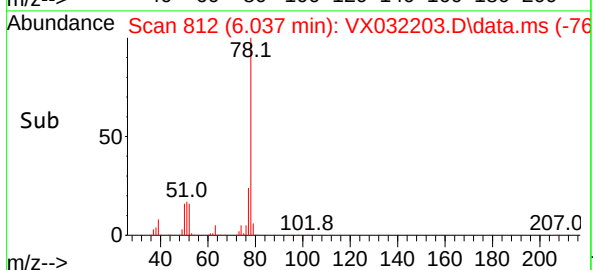
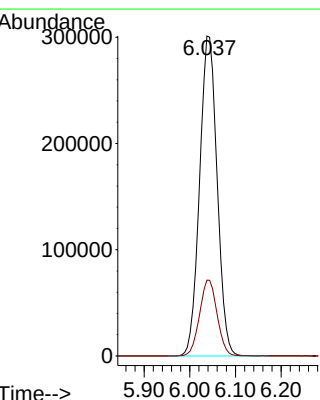
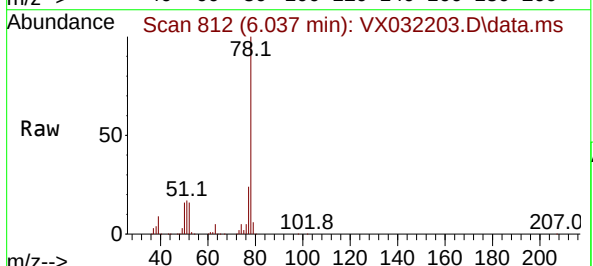
Acq: 19 Oct 2022 13:18

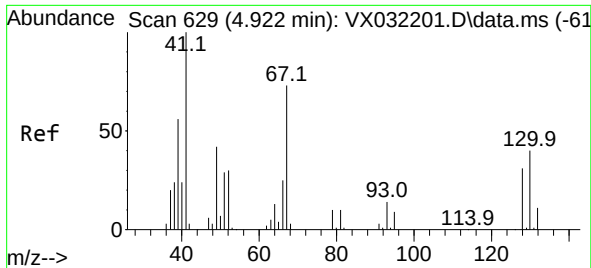
Tgt Ion: 78 Resp: 801930

Ion Ratio Lower Upper

78 100

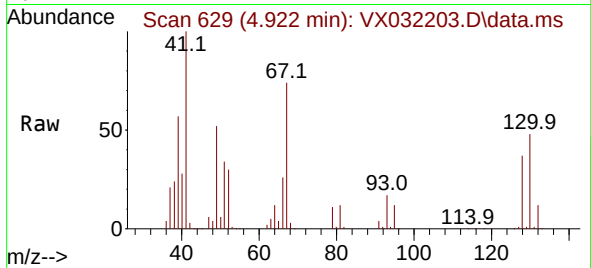
77 23.7 18.9 28.3





#41
Methacrylonitrile
Concen: 120.687 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

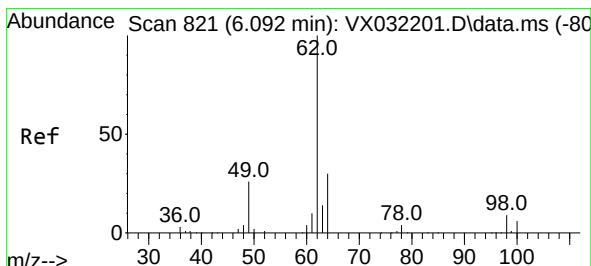
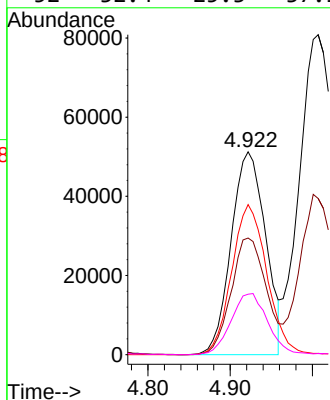
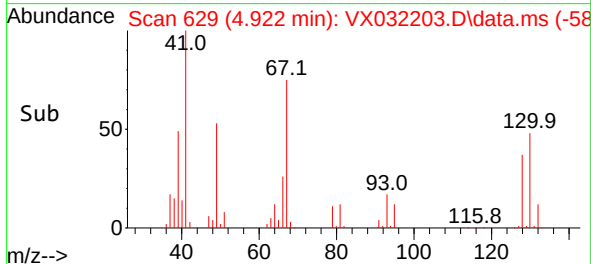
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



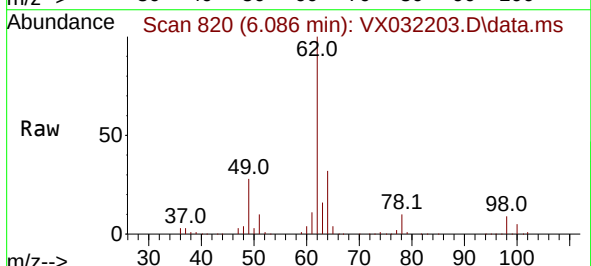
Tgt Ion: 41 Resp: 149178
Ion Ratio Lower Upper
41 100
39 59.9 42.5 63.7
67 75.9 65.0 97.6
52 32.4 25.3 37.9

Manual Integrations
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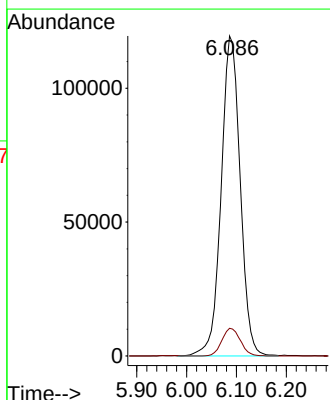
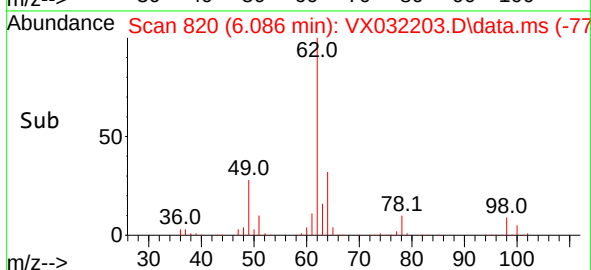
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

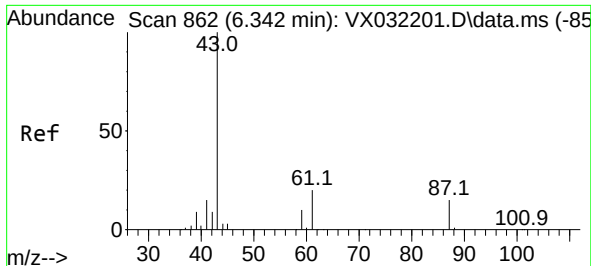


#42
1,2-Dichloroethane
Concen: 133.314 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.013 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18



Tgt Ion: 62 Resp: 317161
Ion Ratio Lower Upper
62 100
98 8.4 0.0 20.2





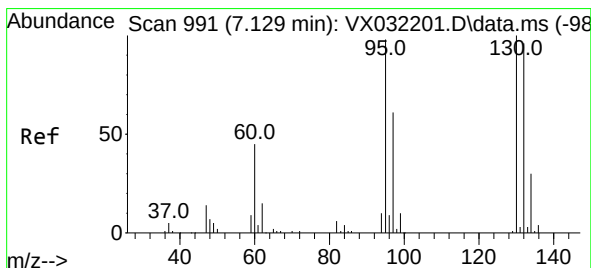
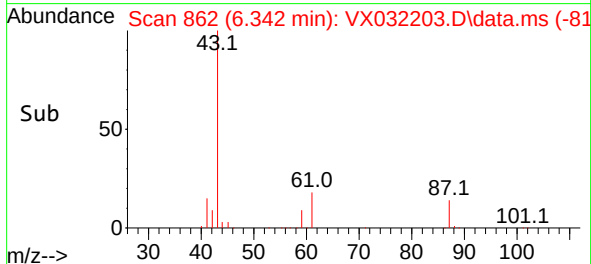
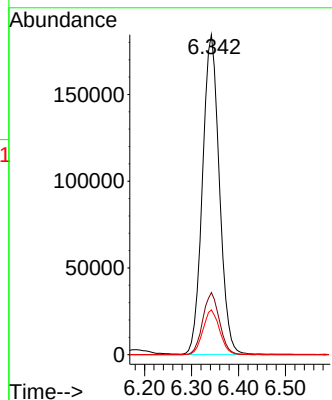
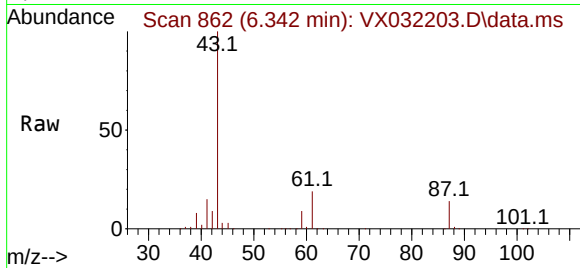
#43
Isopropyl Acetate
Concen: 124.190 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.007 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 458210
Ion Ratio Lower Upper
43 100
61 19.3 18.2 27.4
87 13.9 12.5 18.7

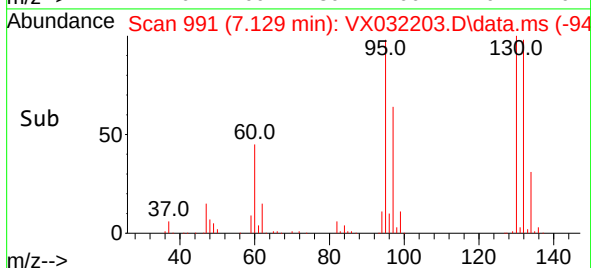
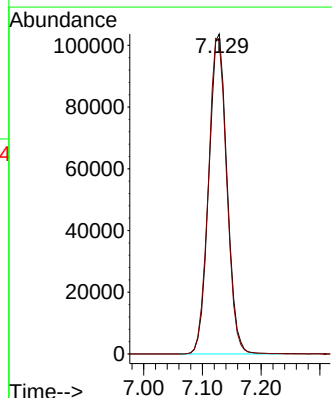
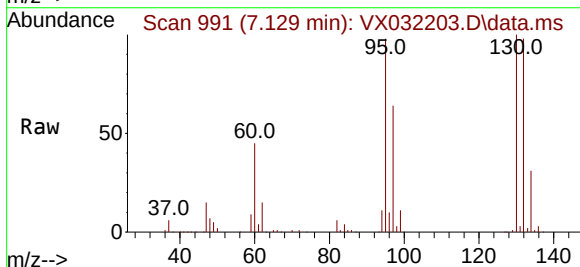
Manual Integrations
APPROVED

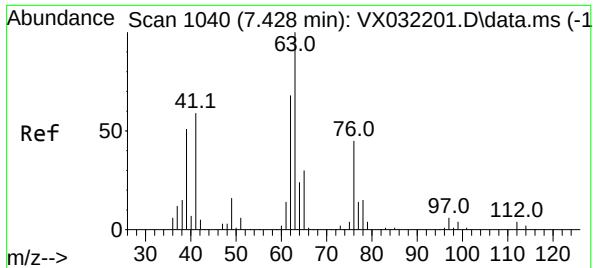
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#44
Trichloroethene
Concen: 139.249 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion:130 Resp: 223217
Ion Ratio Lower Upper
130 100
95 97.8 0.0 198.0





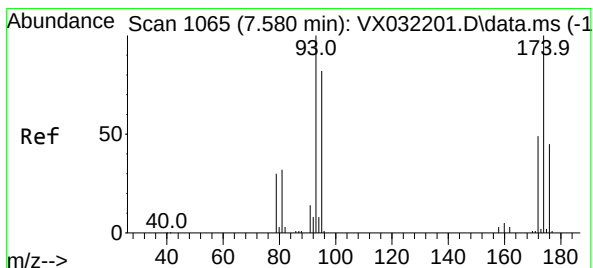
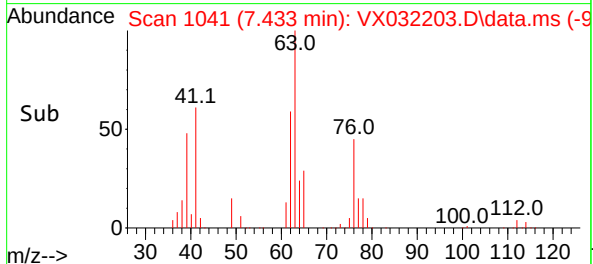
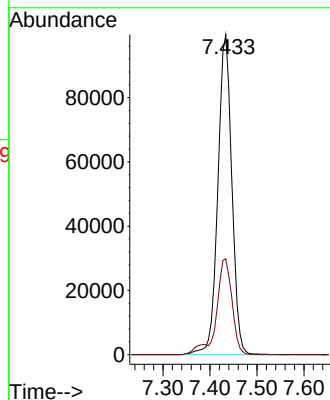
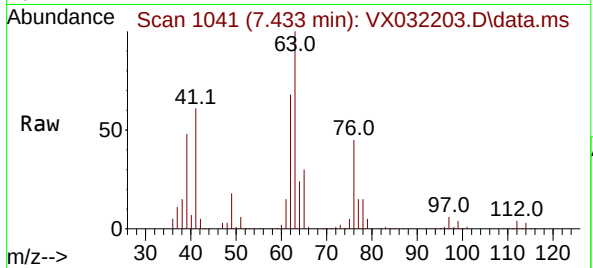
#45
1,2-Dichloropropane
Concen: 136.697 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.007 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 205840
Ion Ratio Lower Upper
63 100
65 29.9 25.7 38.5

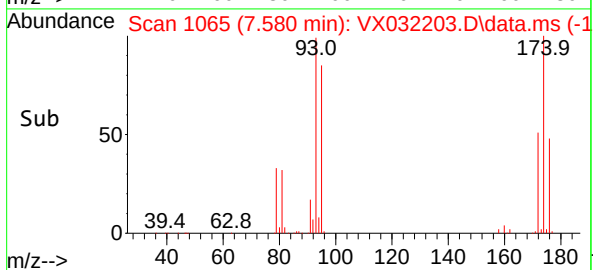
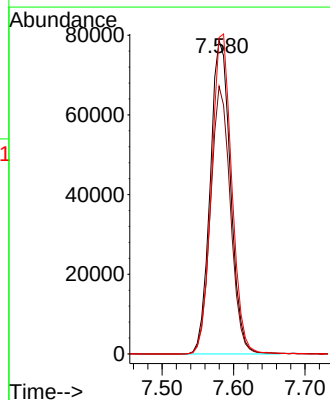
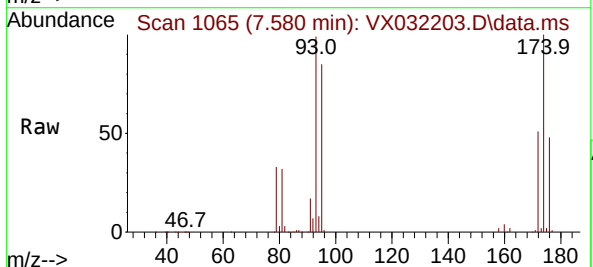
Manual Integrations
APPROVED

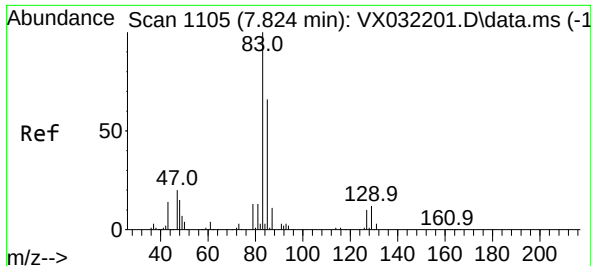
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#46
Dibromomethane
Concen: 141.180 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion: 93 Resp: 155613
Ion Ratio Lower Upper
93 100
95 83.4 66.8 100.2
174 101.3 83.1 124.7





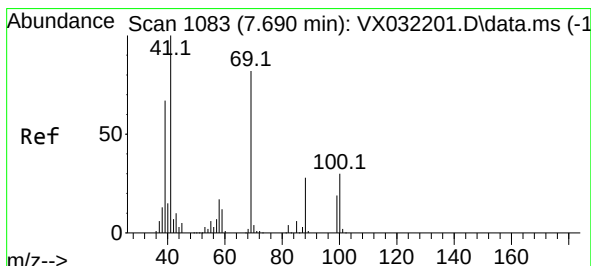
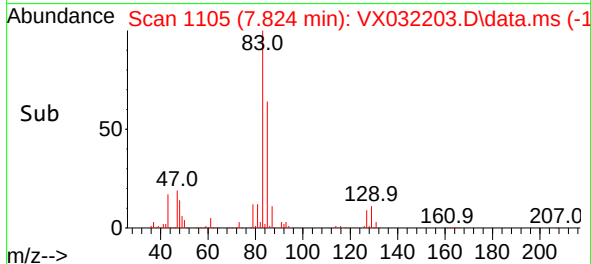
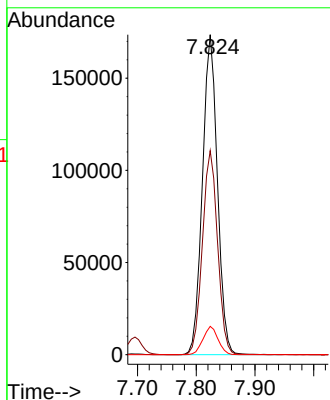
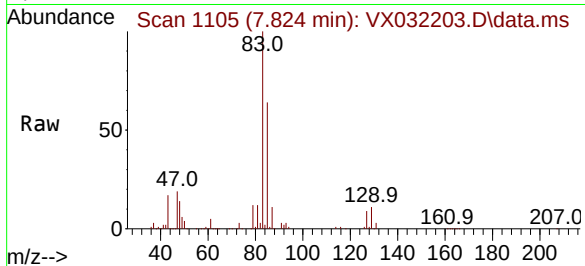
#47
Bromodichloromethane
Concen: 149.801 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 307020
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.0
127 8.9 6.8 10.2

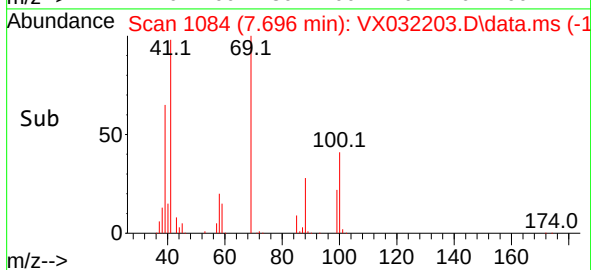
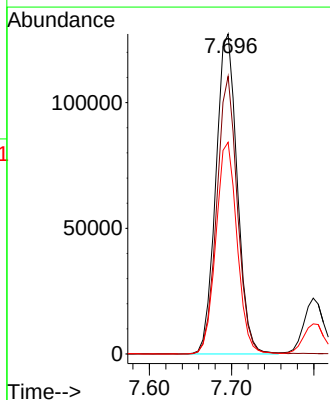
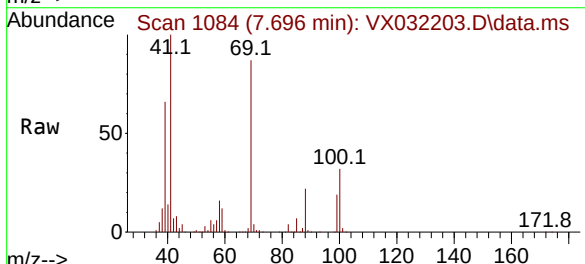
Manual Integrations
APPROVED

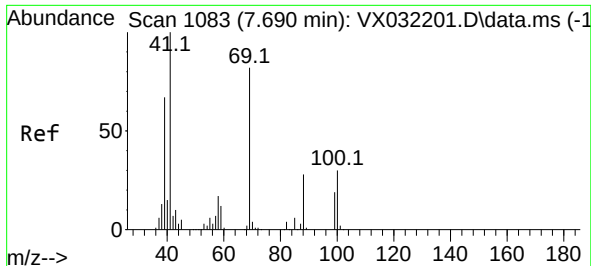
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#48
Methyl methacrylate
Concen: 124.982 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion: 41 Resp: 230085
Ion Ratio Lower Upper
41 100
69 83.5 76.0 114.0
39 65.6 44.6 67.0





#49

1,4-Dioxane

Concen: 2017.217 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.025 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 77758

Ion Ratio Lower Upper

88 100

43 33.8 23.2 34.8

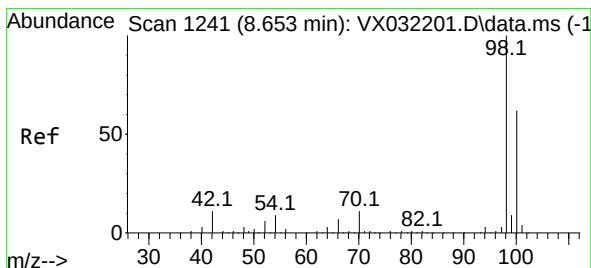
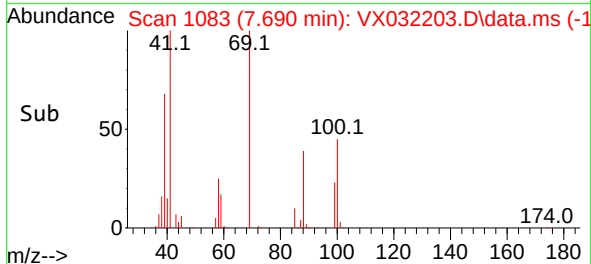
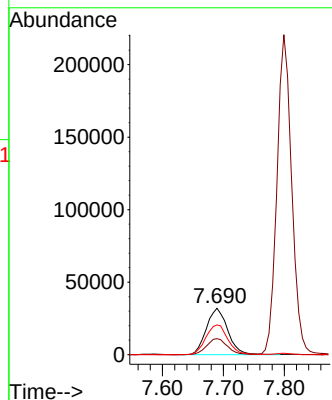
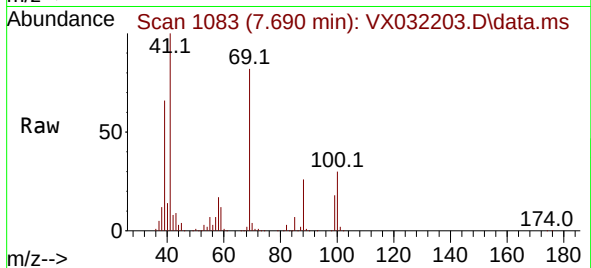
58 65.9 55.0 82.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

Toluene-d8

Concen: 148.121 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032203.D

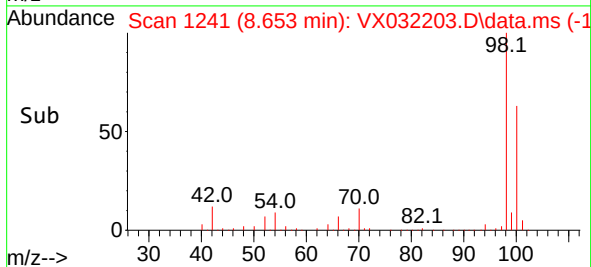
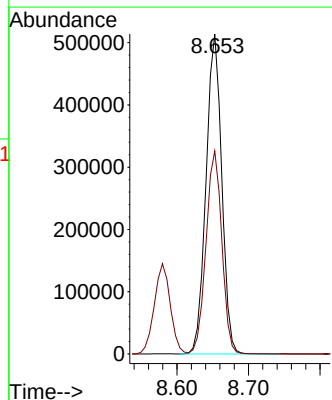
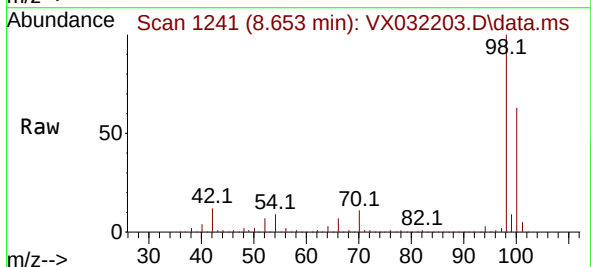
Acq: 19 Oct 2022 13:18

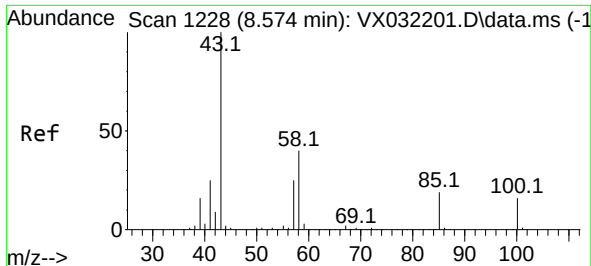
Tgt Ion: 98 Resp: 782951

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 585.801 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 1377300

Ion Ratio Lower Upper

43 100

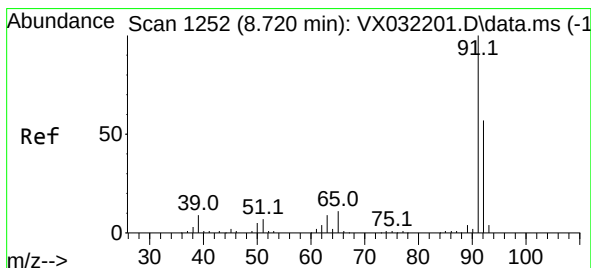
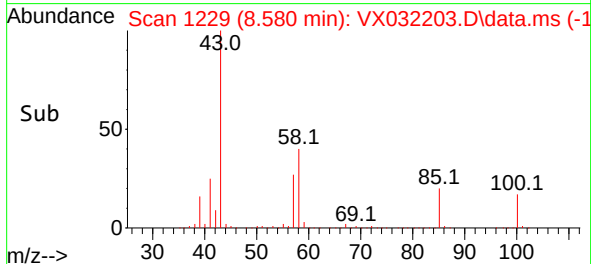
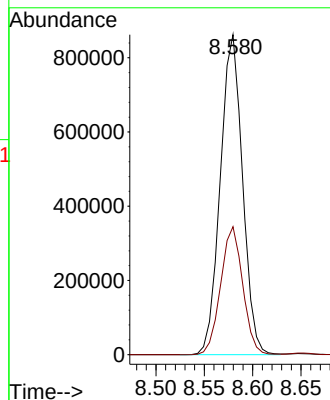
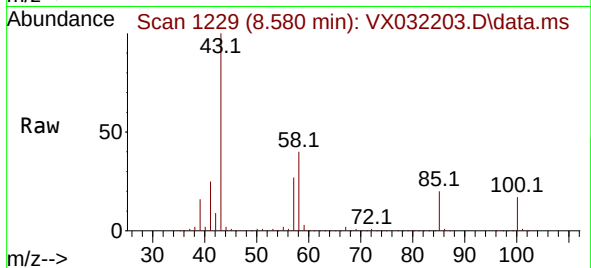
58 39.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#52

Toluene

Concen: 144.144 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.006 min

Lab File: VX032203.D

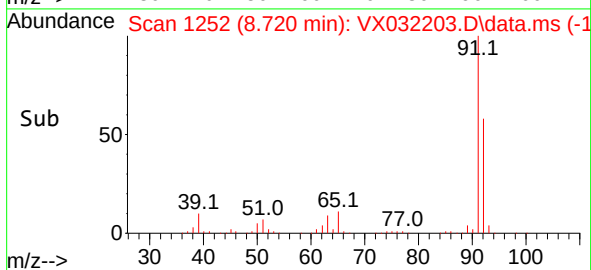
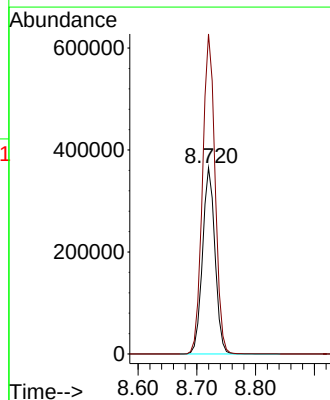
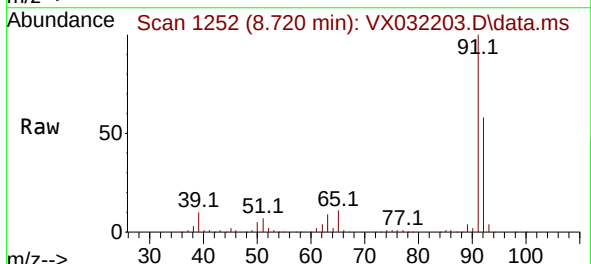
Acq: 19 Oct 2022 13:18

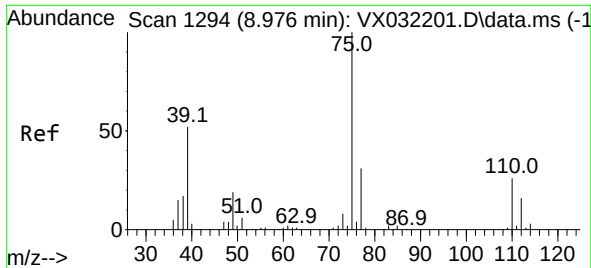
Tgt Ion: 92 Resp: 538995

Ion Ratio Lower Upper

92 100

91 173.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 145.502 ug/l

RT: 8.982 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 338190

Ion Ratio Lower Upper

75 100

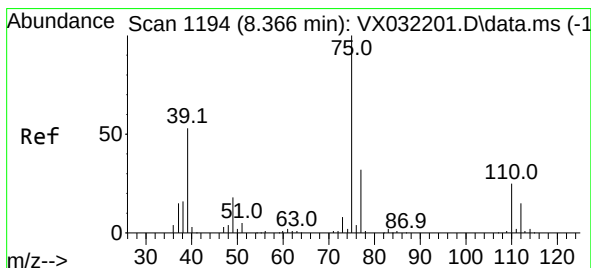
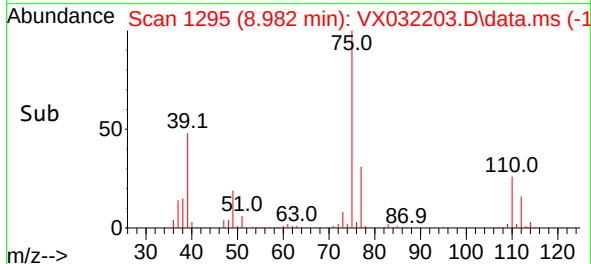
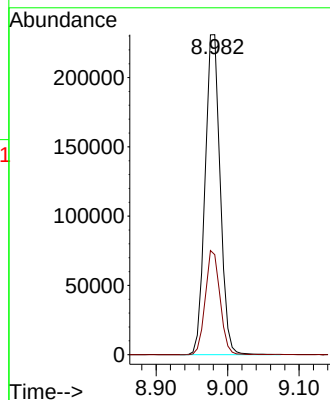
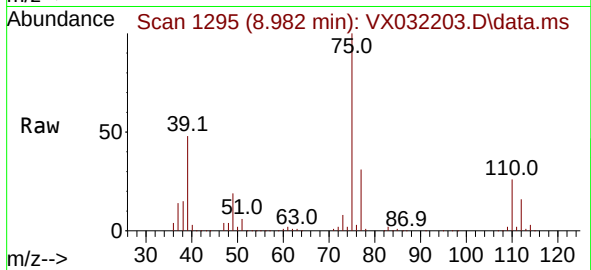
77 31.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#54

cis-1,3-Dichloropropene

Concen: 146.358 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.007 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

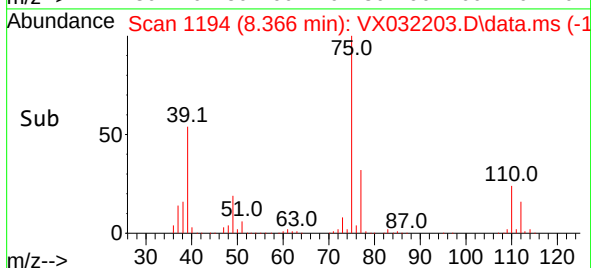
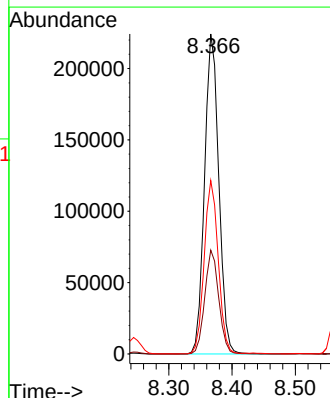
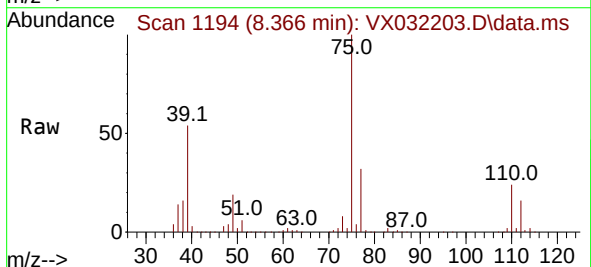
Tgt Ion: 75 Resp: 352032

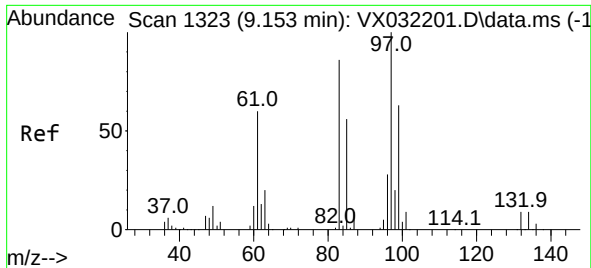
Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

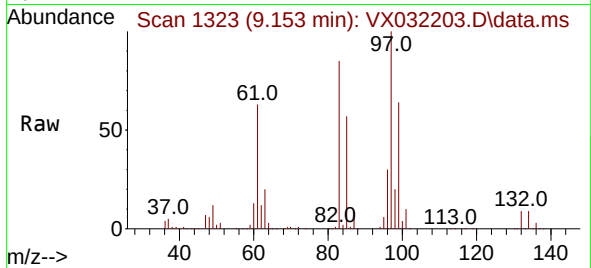
39 54.2 35.1 52.7#





#55
1,1,2-Trichloroethane
Concen: 138.290 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

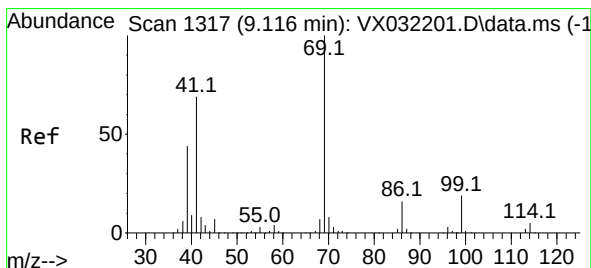
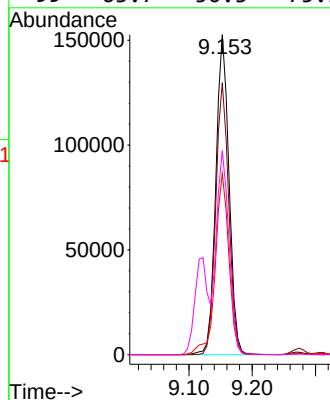
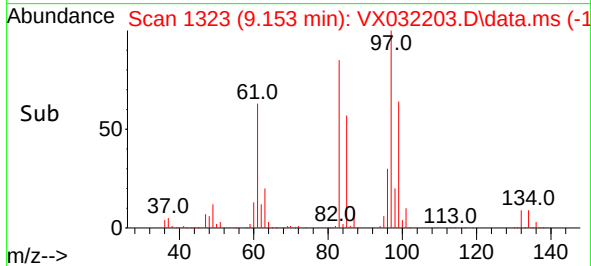
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 97 Resp: 220220
Ion Ratio Lower Upper
97 100
83 85.0 69.3 103.9
85 56.5 44.3 66.5
99 63.7 50.3 75.5

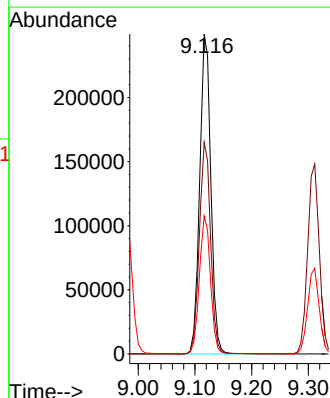
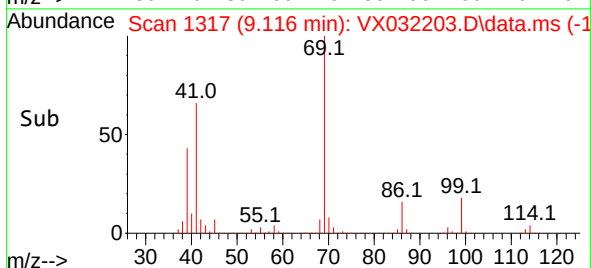
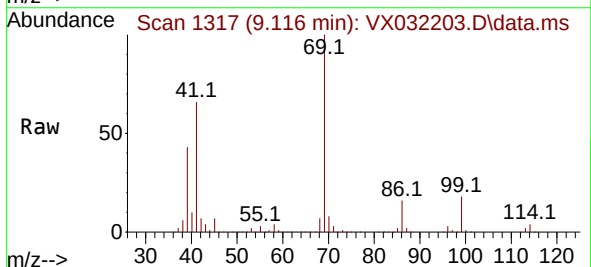
Manual Integrations
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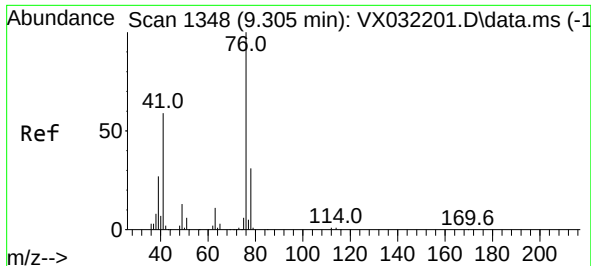
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#56
Ethyl methacrylate
Concen: 142.136 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion: 69 Resp: 339403
Ion Ratio Lower Upper
69 100
41 66.9 46.8 70.2
39 43.1 24.7 37.1#





#57

1,3-Dichloropropane

Concen: 136.041 ug/l

RT: 9.311 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 35282

Ion Ratio Lower Upper

76 100

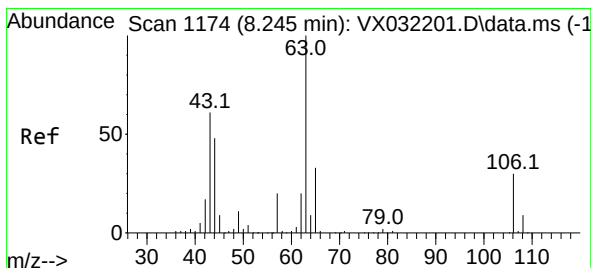
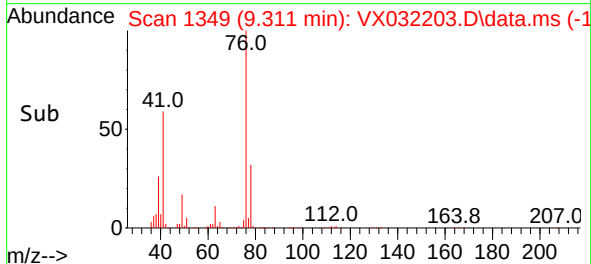
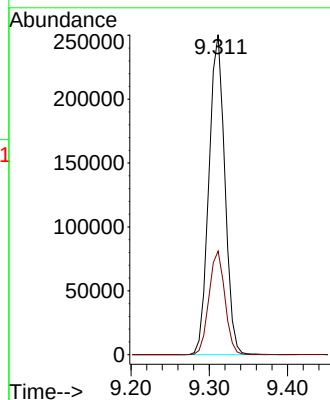
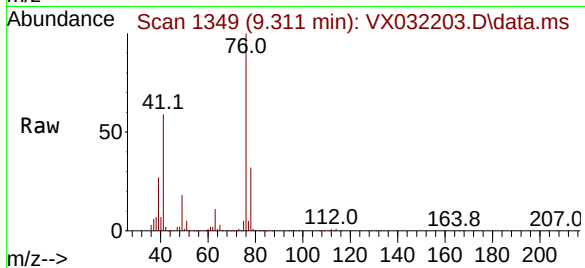
78 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 626.748 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.007 min

Lab File: VX032203.D

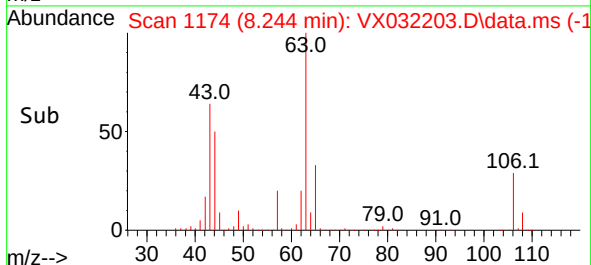
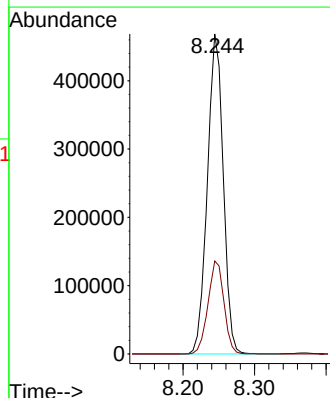
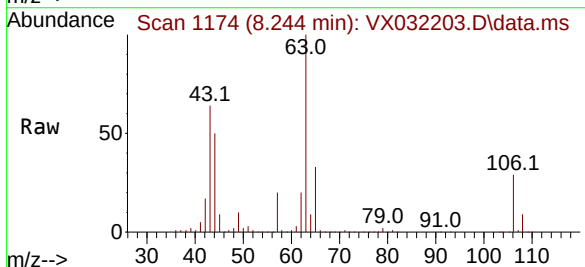
Acq: 19 Oct 2022 13:18

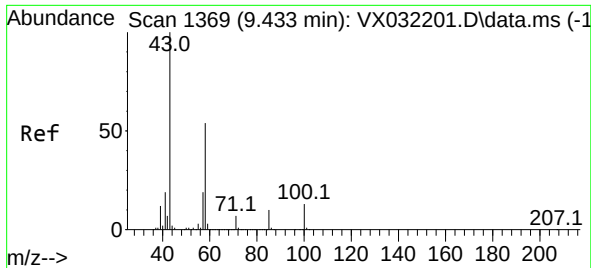
Tgt Ion: 63 Resp: 722299

Ion Ratio Lower Upper

63 100

106 29.2 23.5 35.3





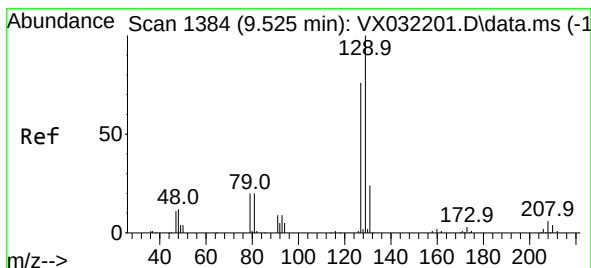
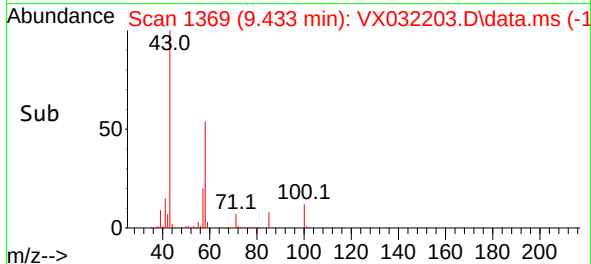
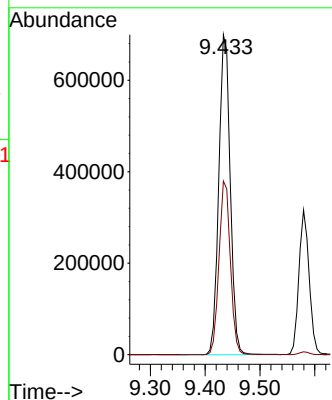
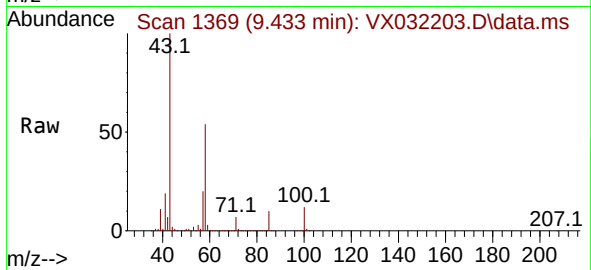
#59
2-Hexanone
Concen: 554.707 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1016225
Ion Ratio Lower Upper
43 100
58 53.9 30.9 92.8

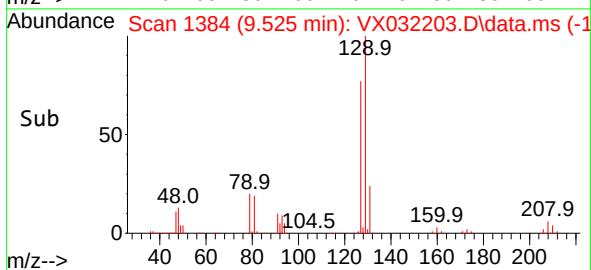
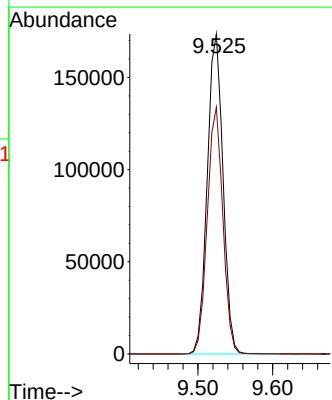
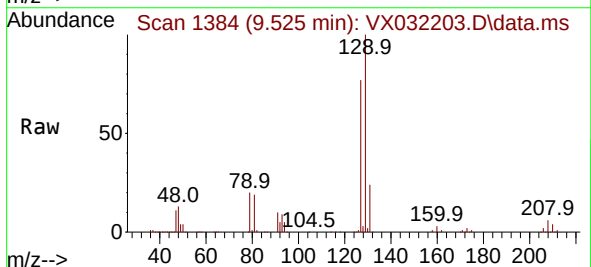
Manual Integrations
APPROVED

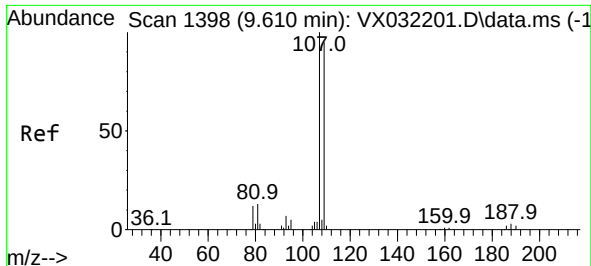
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#60
Dibromochloromethane
Concen: 157.711 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion:129 Resp: 253530
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2





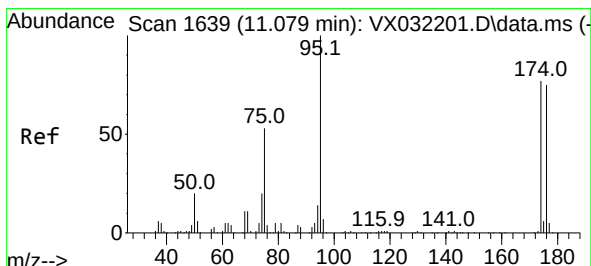
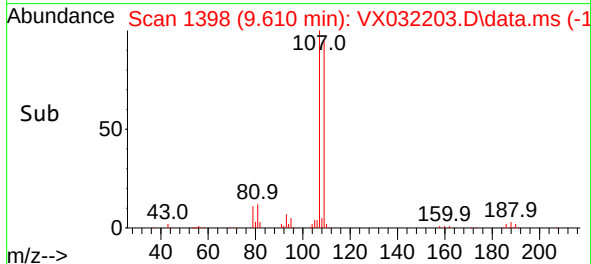
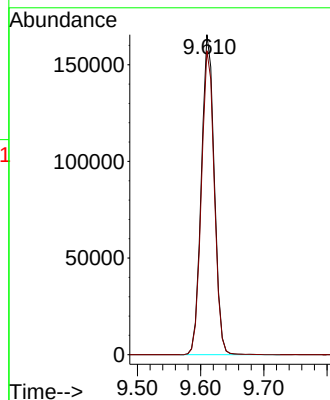
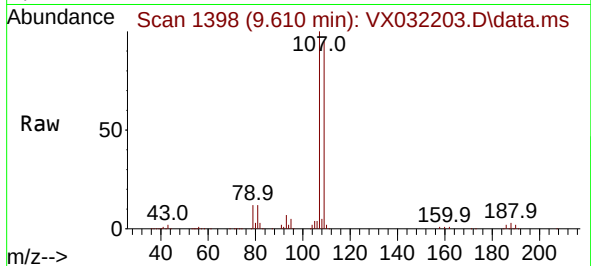
#61
1,2-Dibromoethane
Concen: 139.114 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 236058
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6

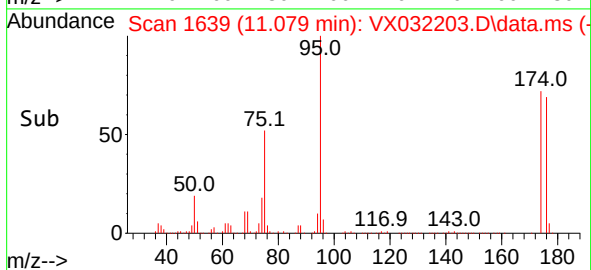
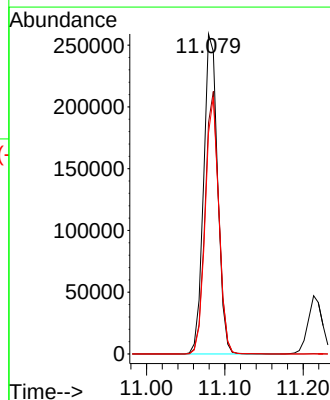
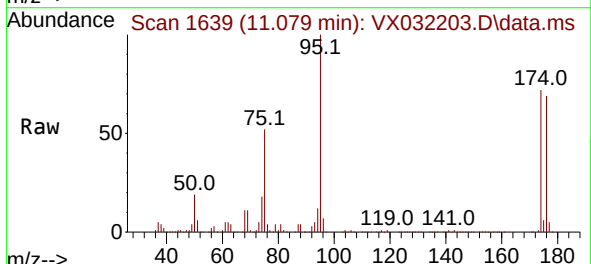
Manual Integrations
APPROVED

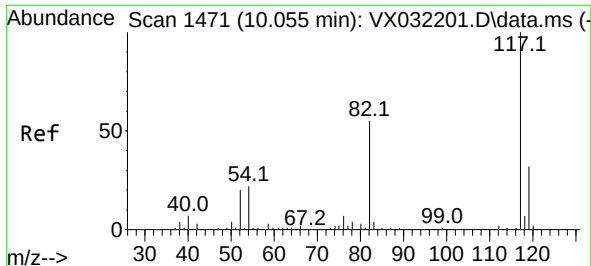
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#62
4-Bromofluorobenzene
Concen: 156.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

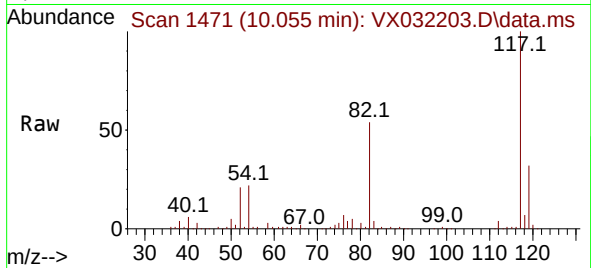
Tgt Ion: 95 Resp: 320926
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 77.9 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

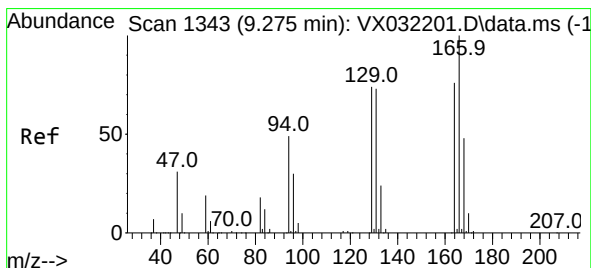
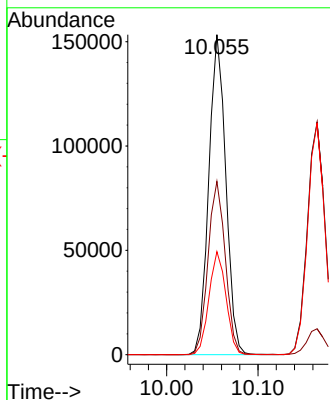
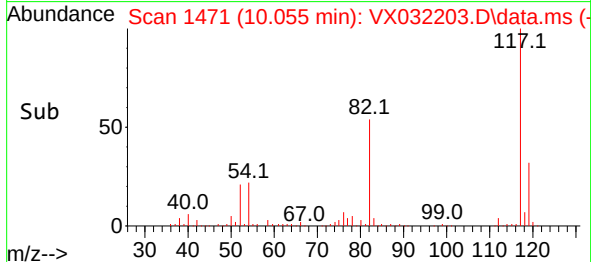
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 197517
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 32.2 26.6 39.8

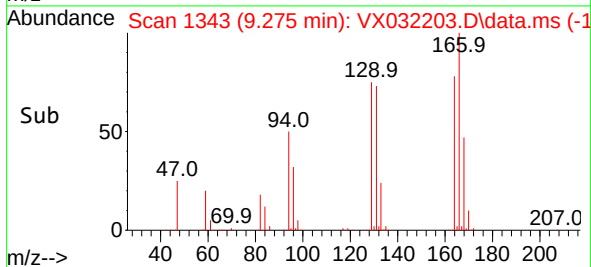
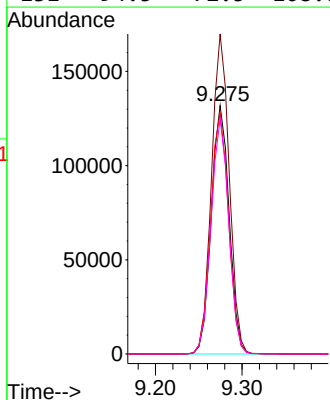
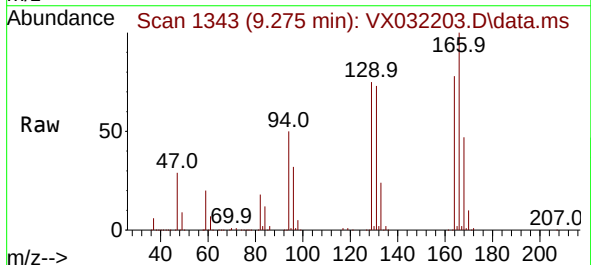
Manual Integrations
APPROVED

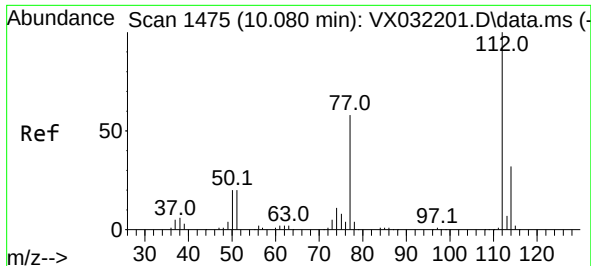
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#64
Tetrachloroethene
Concen: 123.582 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion:164 Resp: 189097
Ion Ratio Lower Upper
164 100
166 128.9 103.4 155.2
129 97.1 70.8 106.2
131 94.5 72.5 108.7





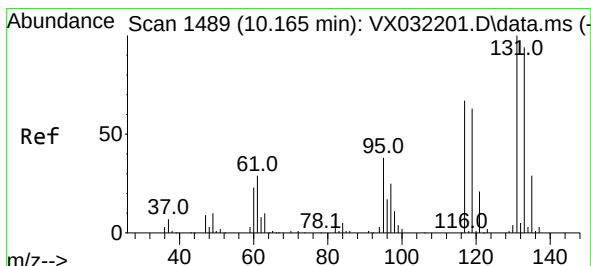
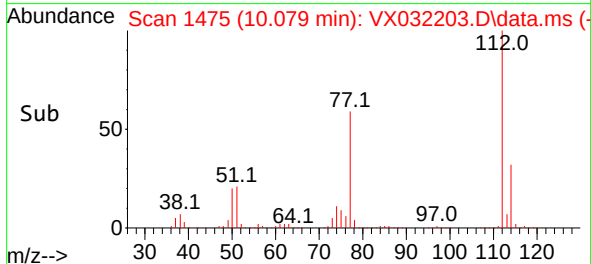
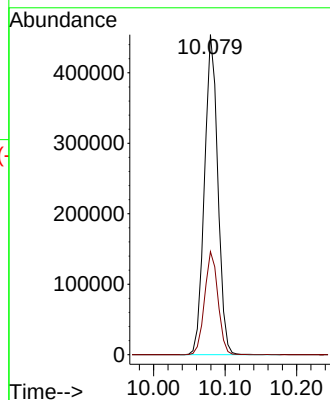
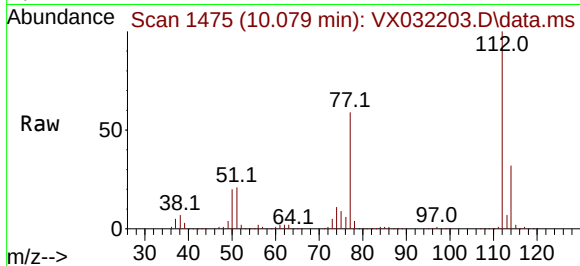
#65
Chlorobenzene
Concen: 144.996 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.007 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 589200
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

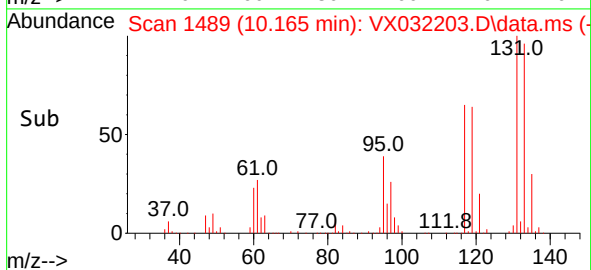
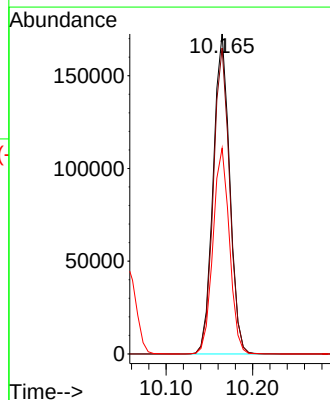
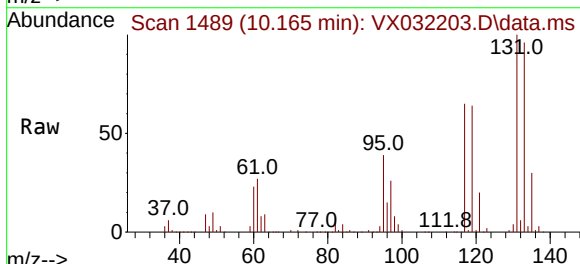
Manual Integrations
APPROVED

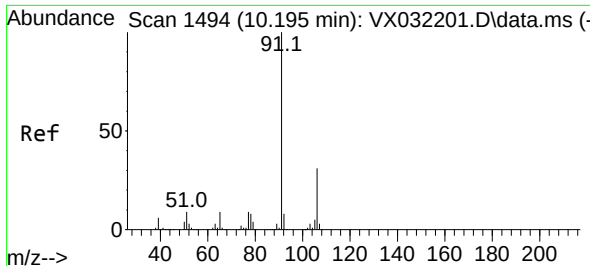
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 151.152 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

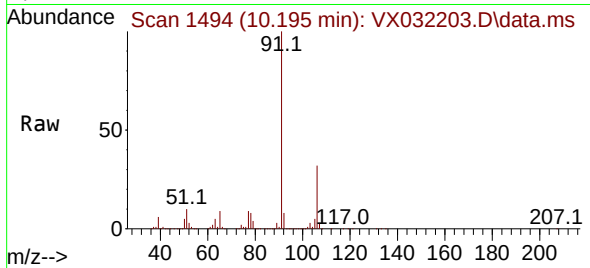
Tgt Ion:131 Resp: 227638
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 64.2 32.1 96.5





#67
Ethyl Benzene
Concen: 150.686 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

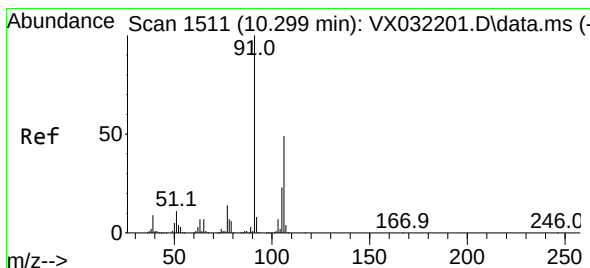
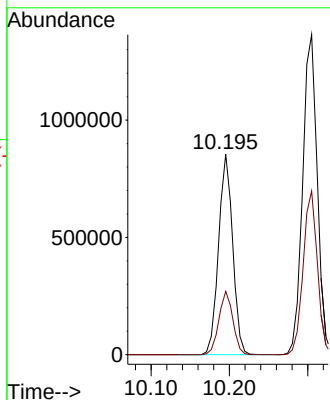
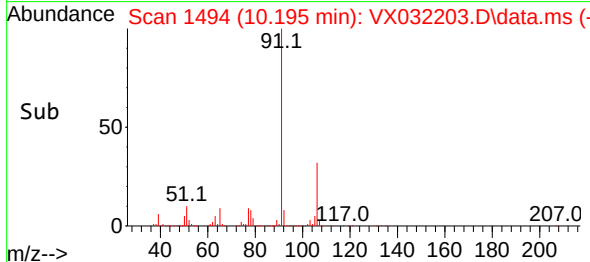
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



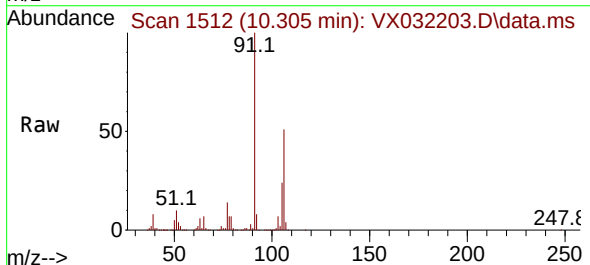
Tgt Ion: 91 Resp: 1071149
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0

Manual Integrations
APPROVED

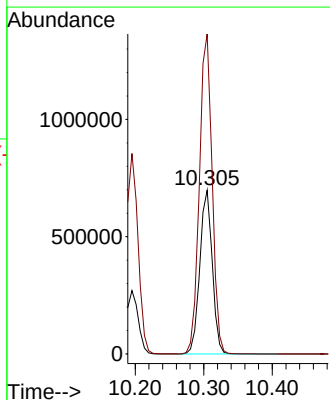
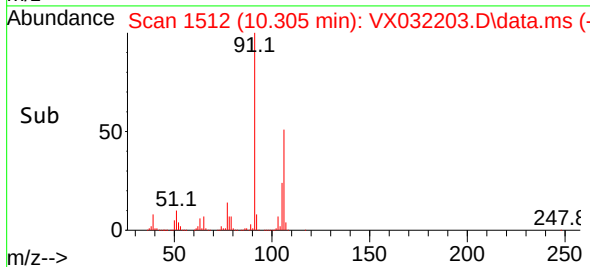
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

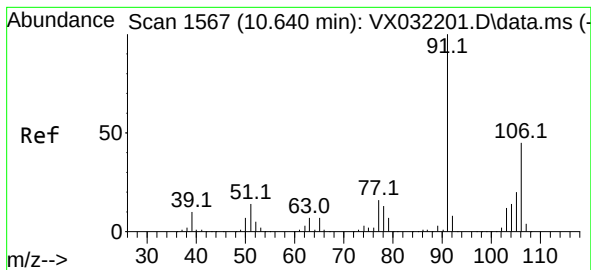


#68
m/p-Xylenes
Concen: 324.571 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18



Tgt Ion:106 Resp: 883309
Ion Ratio Lower Upper
106 100
91 200.4 162.8 244.2





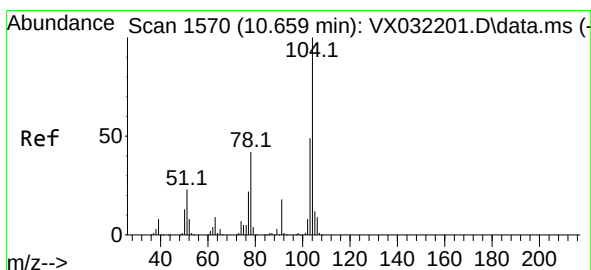
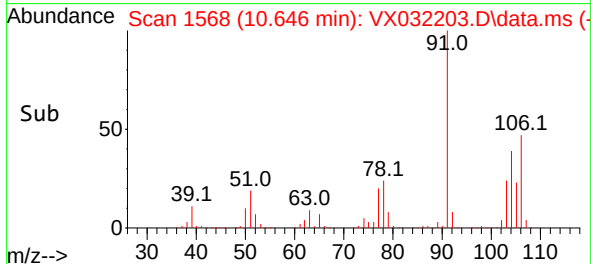
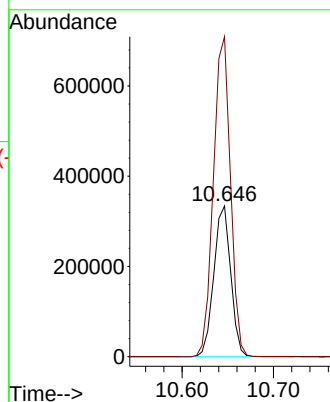
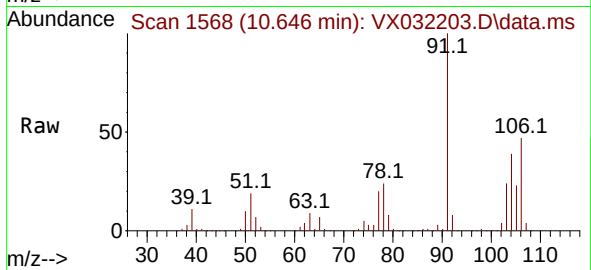
#69
o-Xylene
Concen: 158.467 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 430494
Ion Ratio Lower Upper
106 100
91 214.2 108.1 324.2

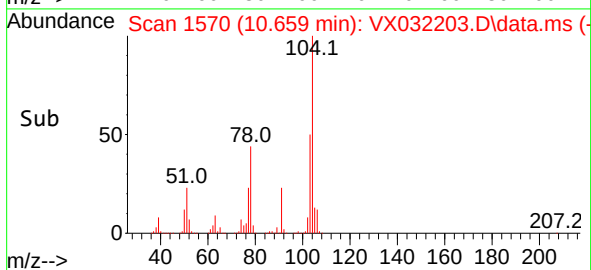
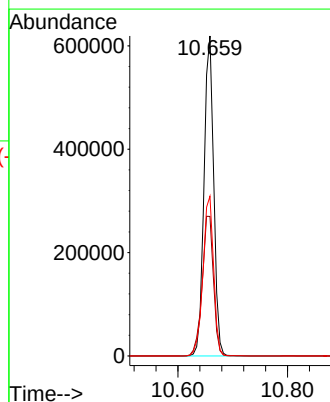
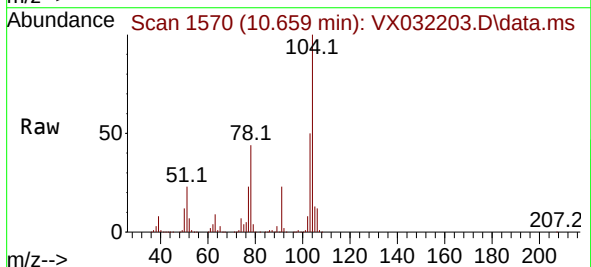
Manual Integrations
APPROVED

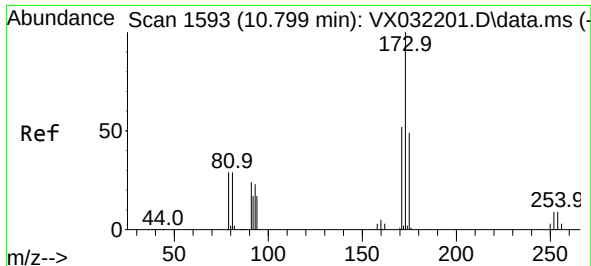
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#70
Styrene
Concen: 172.132 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

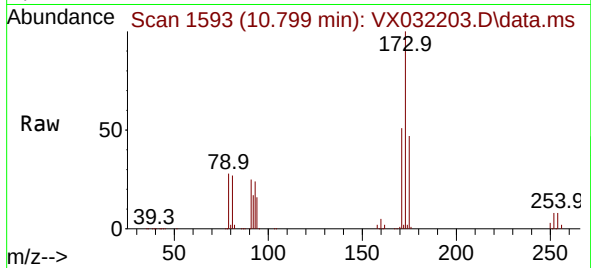
Tgt Ion:104 Resp: 758582
Ion Ratio Lower Upper
104 100
78 50.9 40.0 60.0
103 55.0 43.4 65.0





#71
Bromoform
Concen: 168.580 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

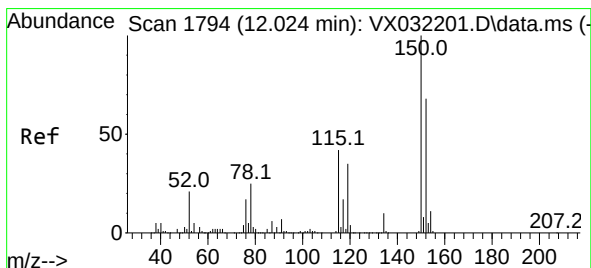
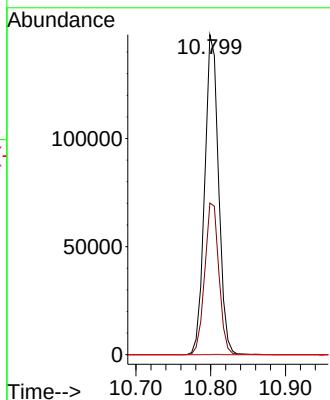
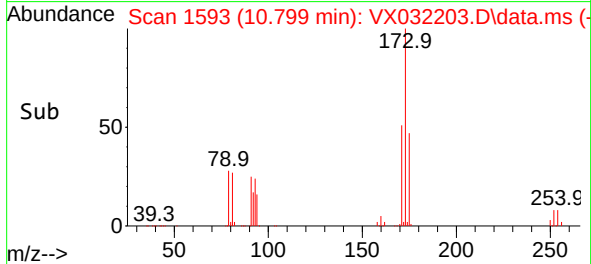
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



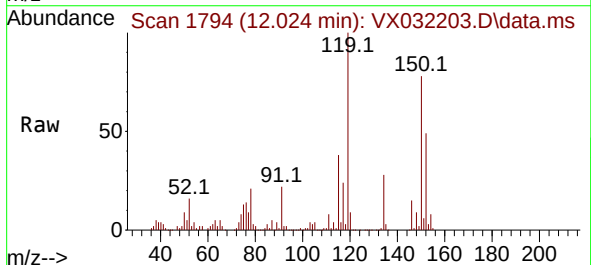
Tgt Ion:173 Resp: 191163
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.8
254 0.1 0.1 0.1

Manual Integrations
APPROVED

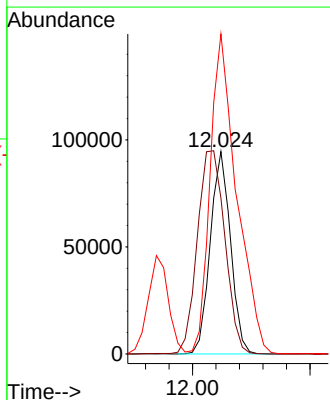
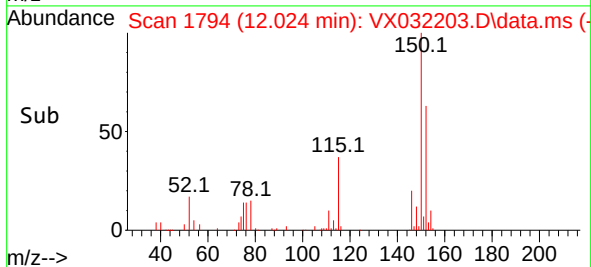
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

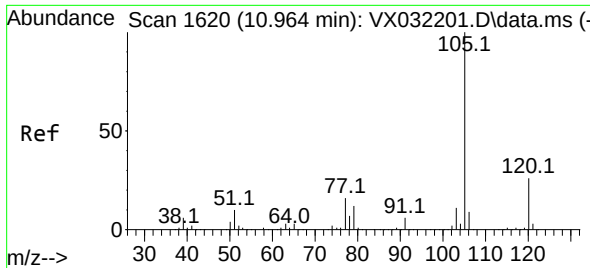


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18



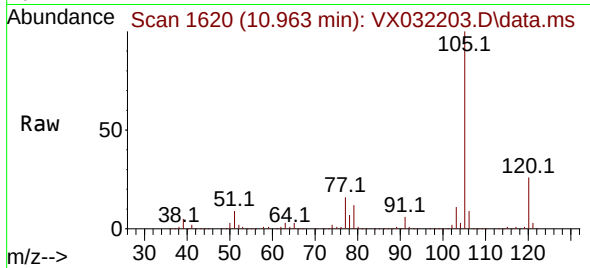
Tgt Ion:152 Resp: 112734
Ion Ratio Lower Upper
152 100
115 137.0 41.1 123.3#
150 207.8 0.0 349.0





#73
Isopropylbenzene
Concen: 138.817 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

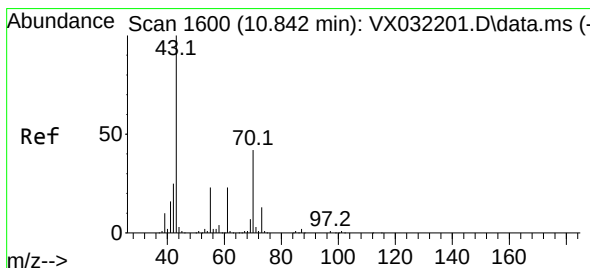
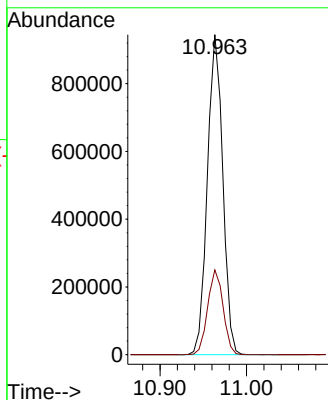
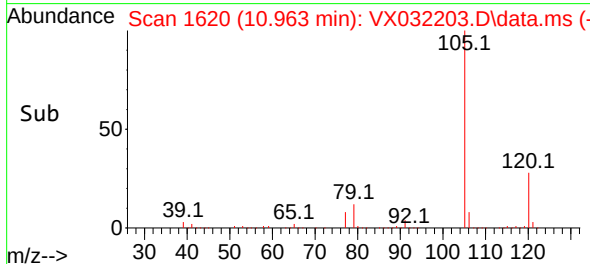
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



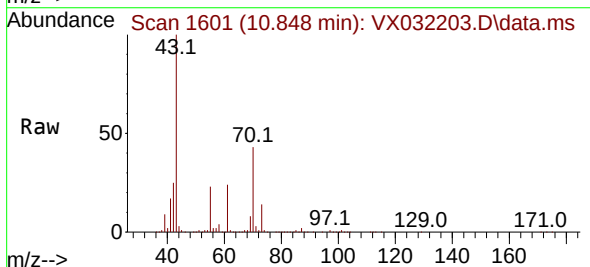
Tgt Ion:105 Resp: 1165372
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

Manual Integrations
APPROVED

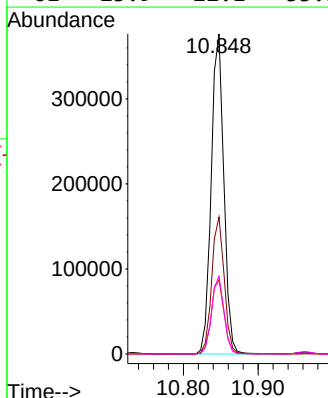
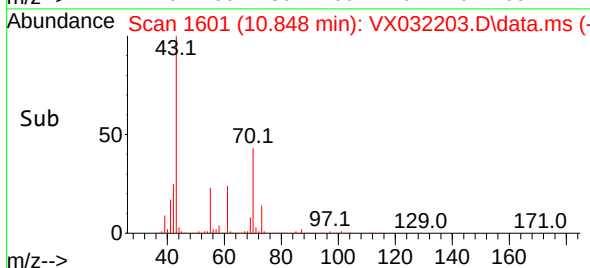
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

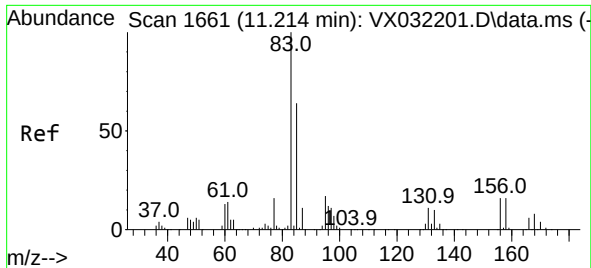


#74
N-ethyl acetate
Concen: 125.522 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18



Tgt Ion: 43 Resp: 443598
Ion Ratio Lower Upper
43 100
70 42.2 39.0 58.6
55 23.4 21.5 32.3
61 23.9 22.1 33.1





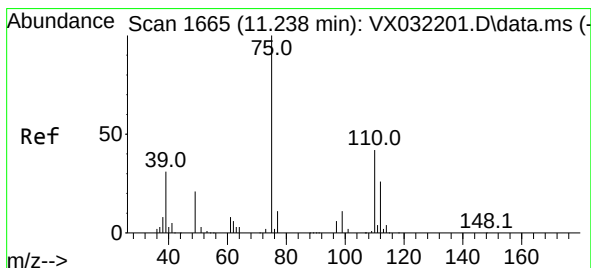
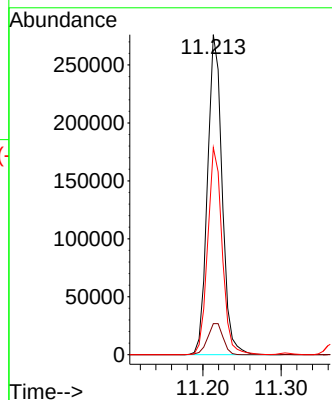
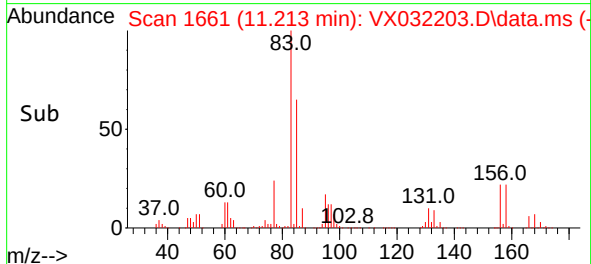
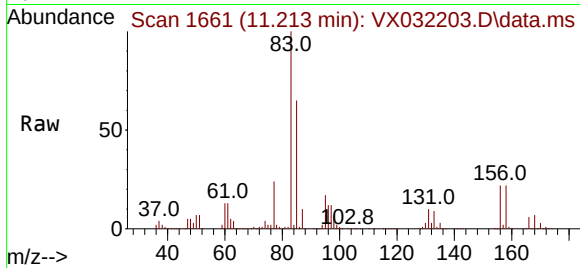
#75
1,1,2,2-Tetrachloroethane
Concen: 131.154 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 356204
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.2
85 64.0 31.8 95.4

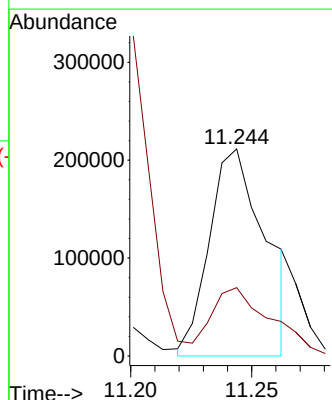
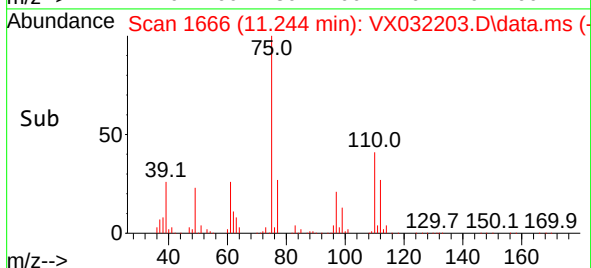
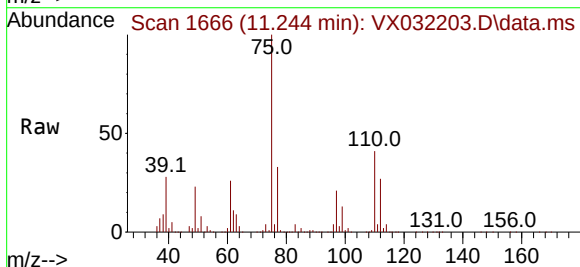
Manual Integrations
APPROVED

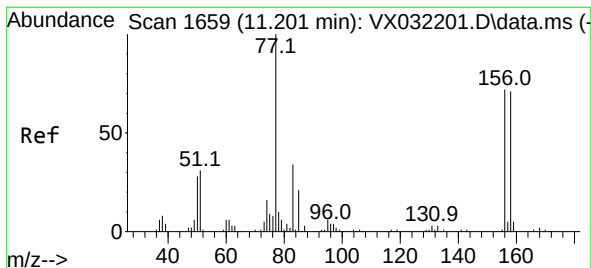
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#76
1,2,3-Trichloropropane
Concen: 130.529 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion: 75 Resp: 338359
Ion Ratio Lower Upper
75 100
77 35.2 19.1 57.5





#77

Bromobenzene

Concen: 134.683 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 28416

Ion Ratio Lower Upper

156 100

77 155.3 82.8 248.6

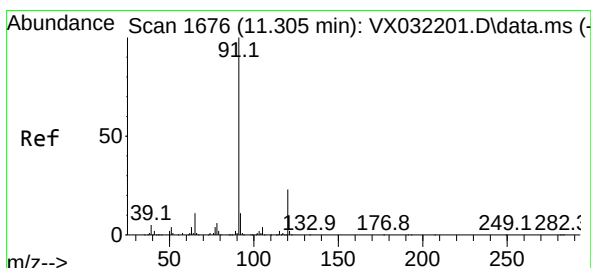
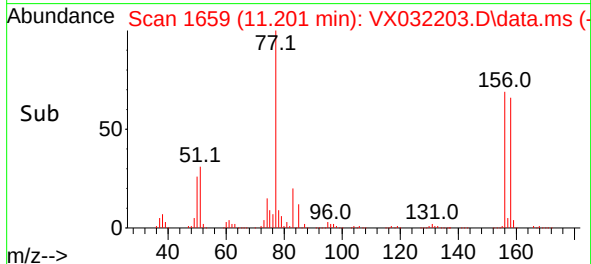
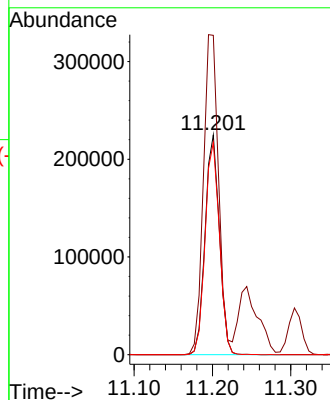
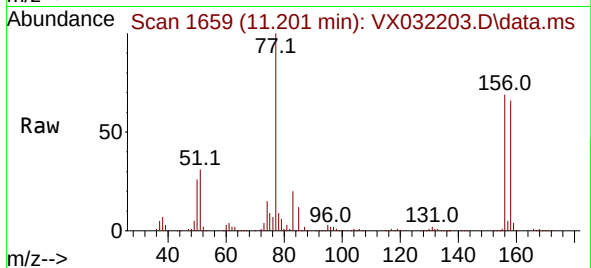
158 97.2 49.1 147.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#78

n-propylbenzene

Concen: 144.300 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VX032203.D

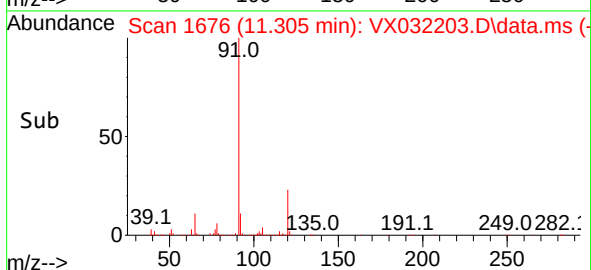
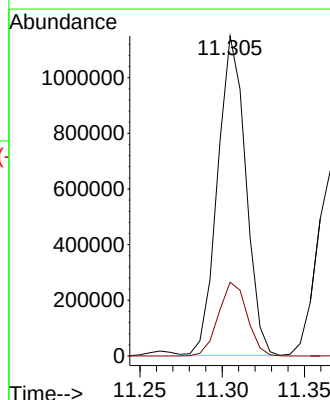
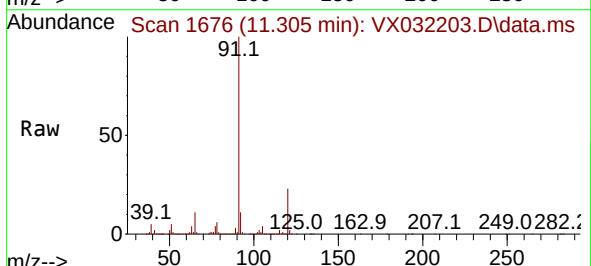
Acq: 19 Oct 2022 13:18

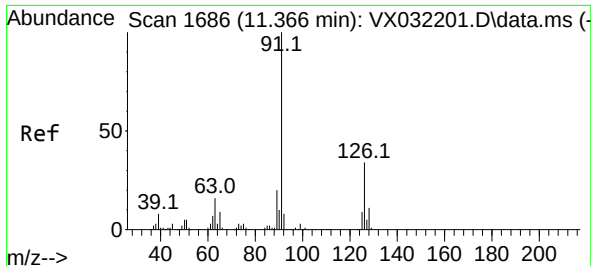
Tgt Ion: 91 Resp: 1368506

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.5





#79

2-Chlorotoluene

Concen: 135.186 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 79636

Ion Ratio Lower Upper

91 100

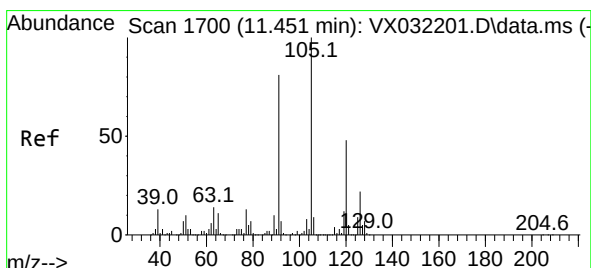
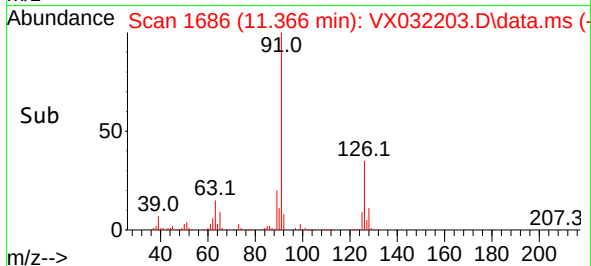
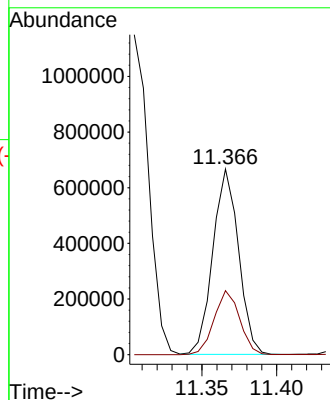
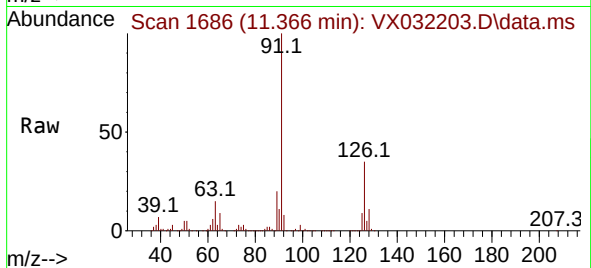
126 34.4 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#80

1,3,5-Trimethylbenzene

Concen: 146.866 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VX032203.D

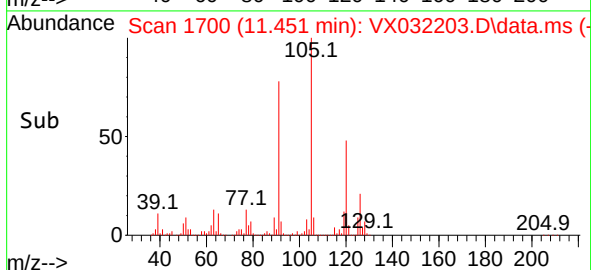
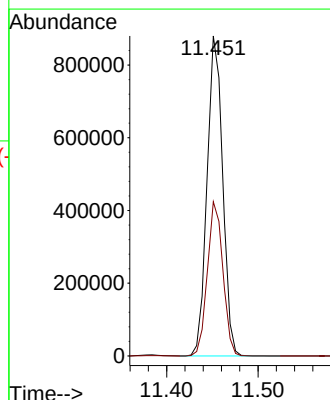
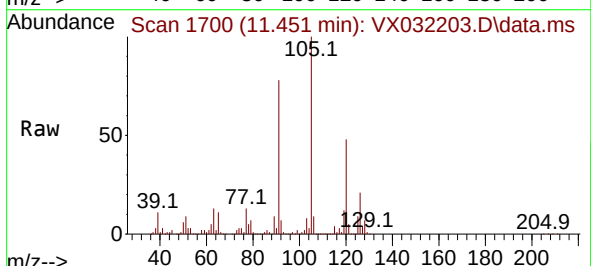
Acq: 19 Oct 2022 13:18

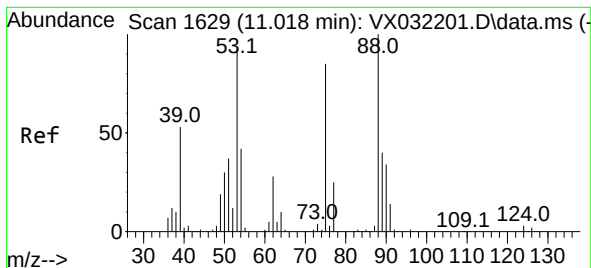
Tgt Ion:105 Resp: 1039275

Ion Ratio Lower Upper

105 100

120 48.0 23.8 71.5





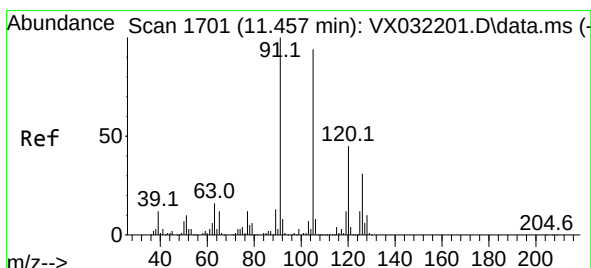
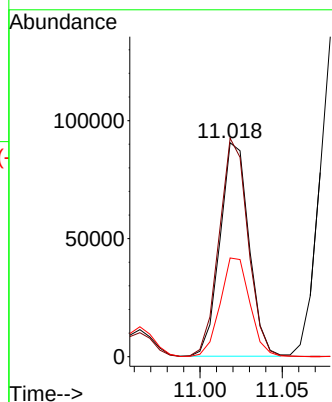
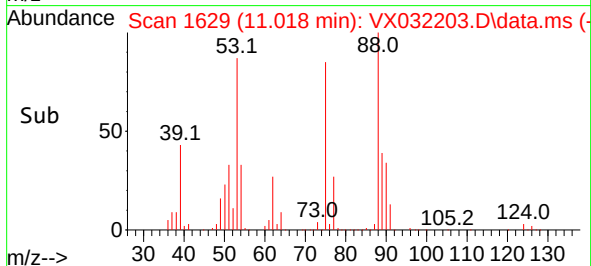
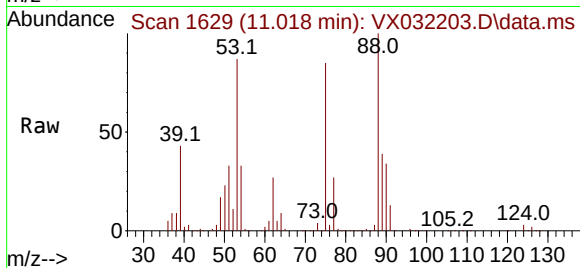
#81
trans-1,4-Dichloro-2-butene
Concen: 125.699 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.007 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 11079
Ion Ratio Lower Upper
75 100
53 101.9 74.5 111.7
89 47.5 37.9 56.9

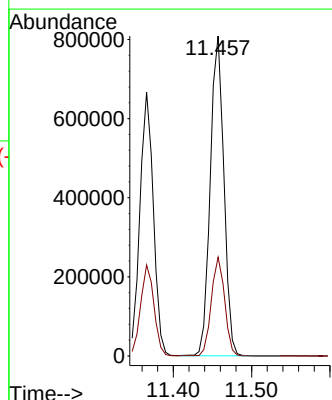
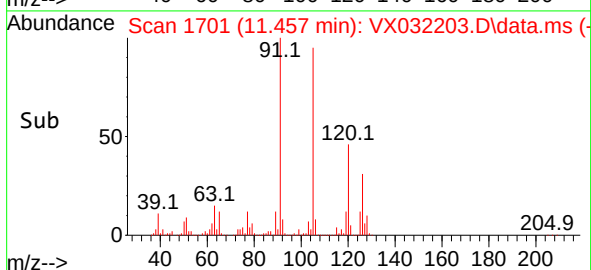
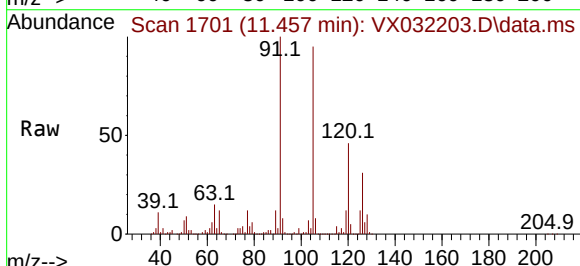
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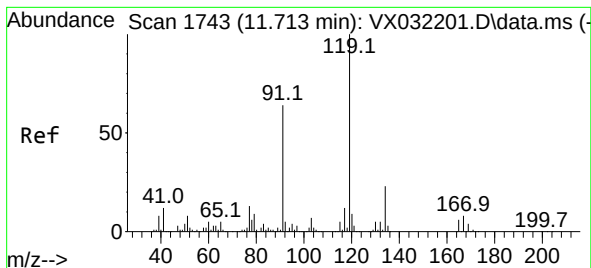
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#82
4-Chlorotoluene
Concen: 145.403 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion: 91 Resp: 974559
Ion Ratio Lower Upper
91 100
126 30.2 14.9 44.5





#83

tert-Butylbenzene

Concen: 149.395 ug/l

RT: 11.719 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 102036

Ion Ratio Lower Upper

119 100

91 57.6 27.9 83.7

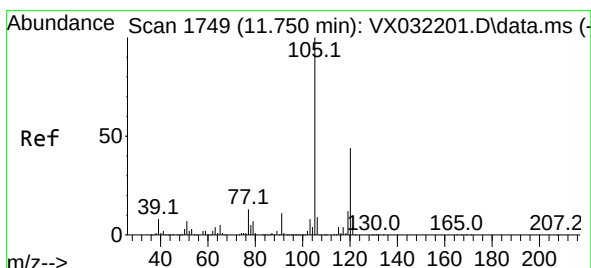
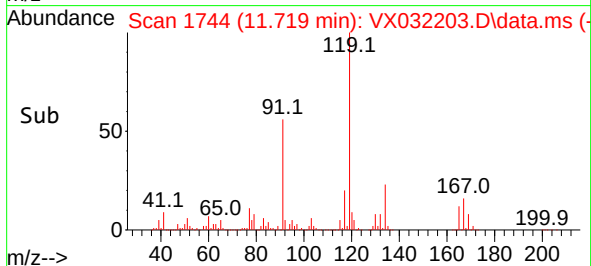
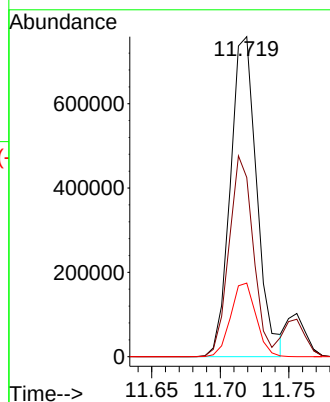
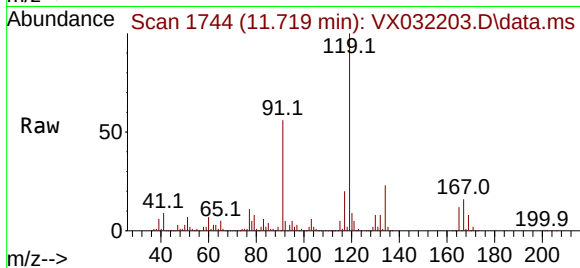
134 22.1 11.3 33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#84

1,2,4-Trimethylbenzene

Concen: 143.198 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX032203.D

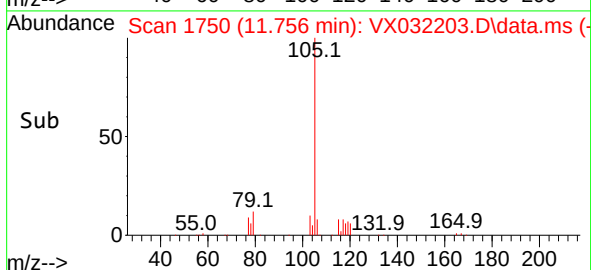
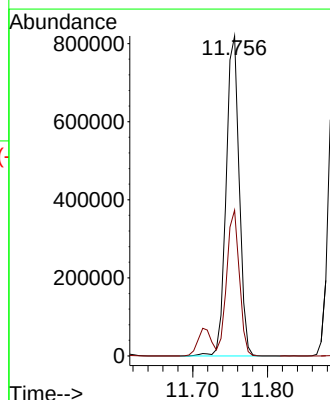
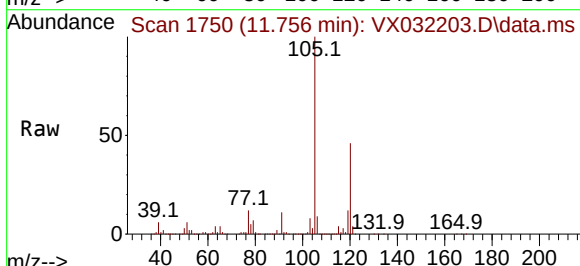
Acq: 19 Oct 2022 13:18

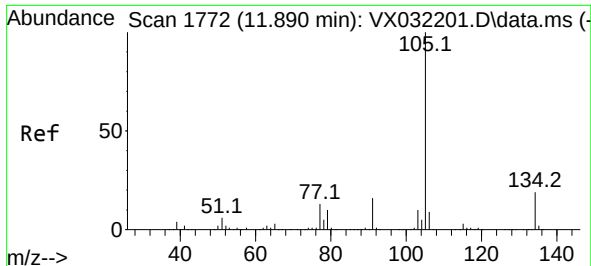
Tgt Ion:105 Resp: 996795

Ion Ratio Lower Upper

105 100

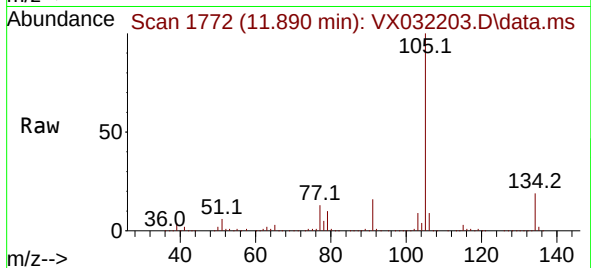
120 44.2 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 145.003 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX032203.D
 Acq: 19 Oct 2022 13:18

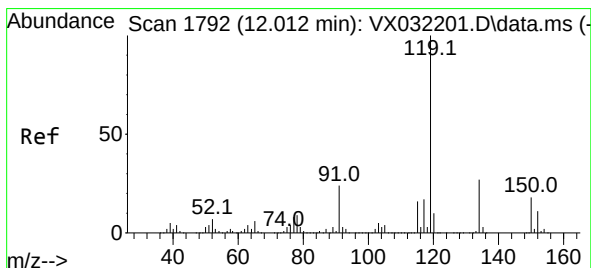
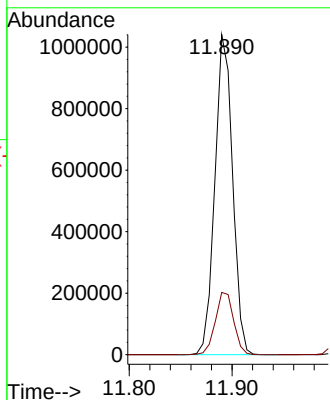
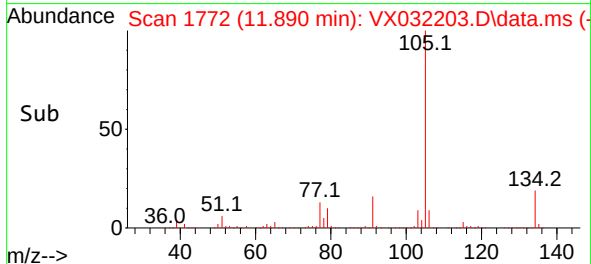
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



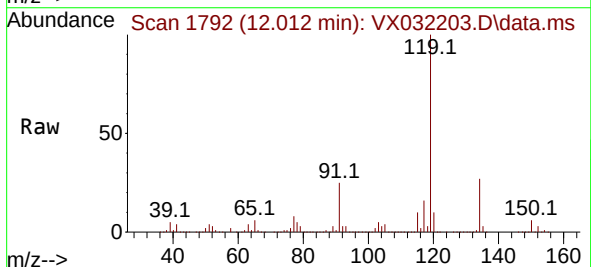
Tgt Ion:105 Resp: 1240836
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 29.8

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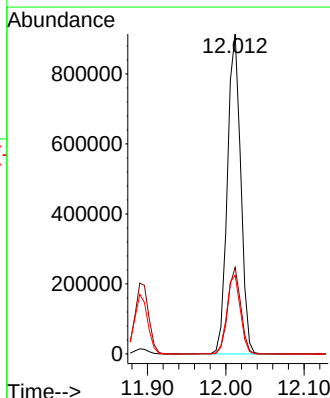
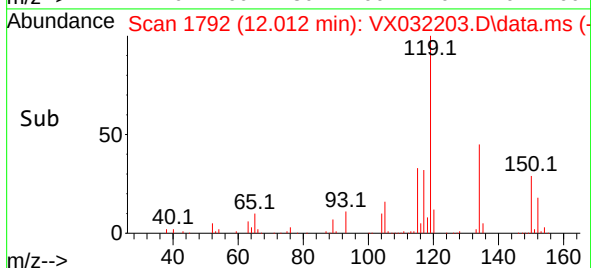
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

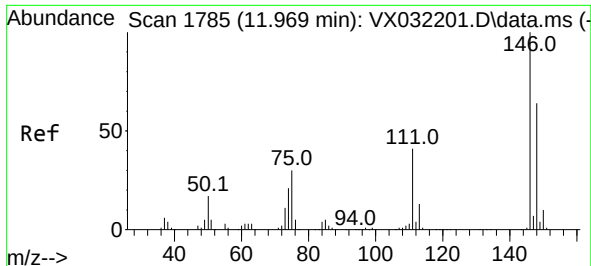


#86
 p-Isopropyltoluene
 Concen: 150.278 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032203.D
 Acq: 19 Oct 2022 13:18



Tgt Ion:119 Resp: 1079458
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 25.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 142.758 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.007 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 539514

Ion Ratio Lower Upper

146 100

111 41.3 20.2 60.5

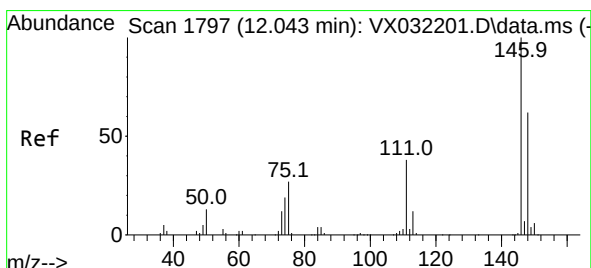
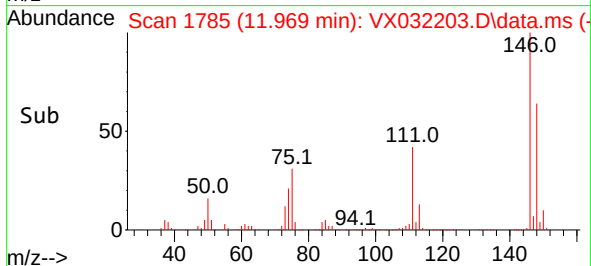
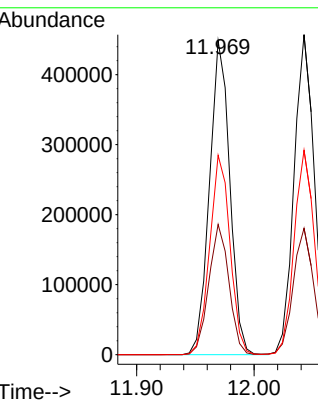
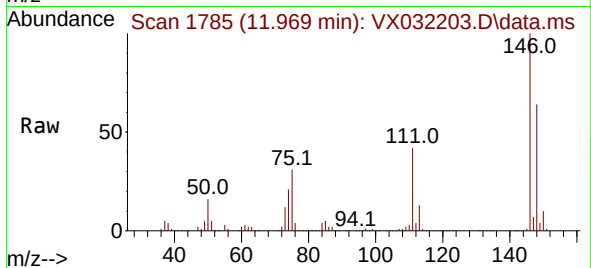
148 63.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#88

1,4-Dichlorobenzene

Concen: 142.016 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

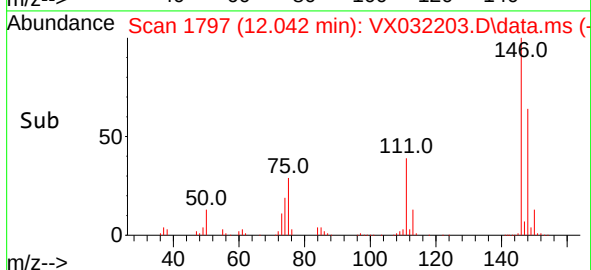
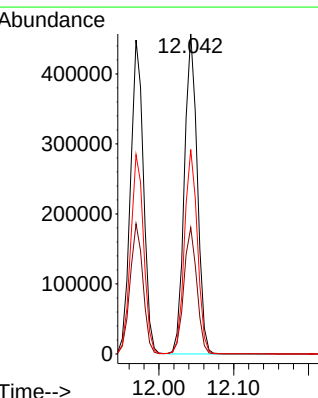
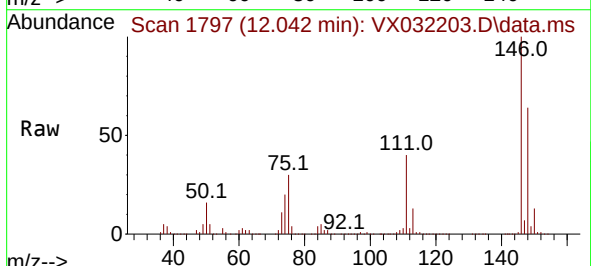
Tgt Ion:146 Resp: 547835

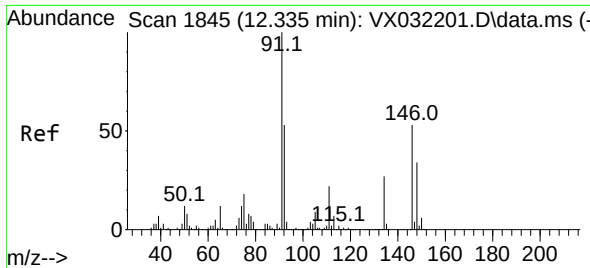
Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.8

148 63.8 31.6 95.0





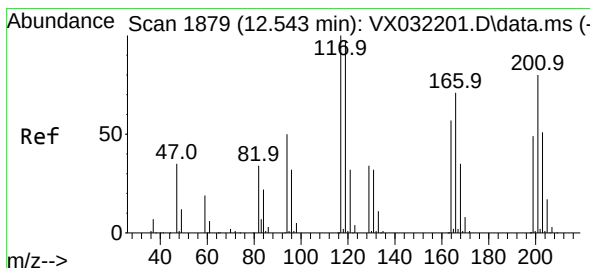
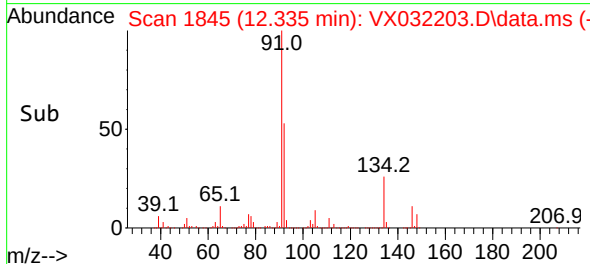
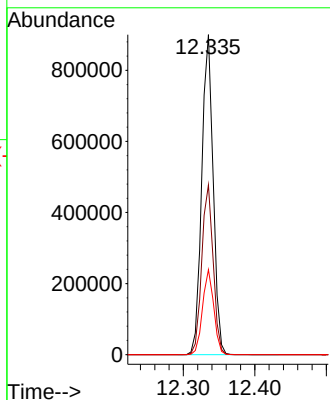
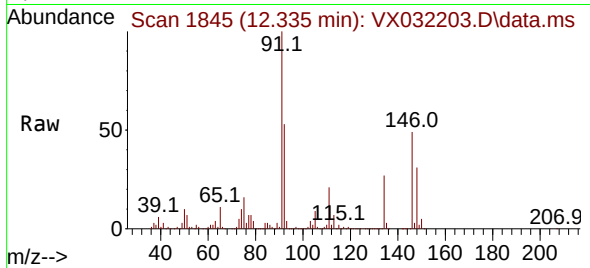
#89
n-Butylbenzene
Concen: 160.675 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 998620
Ion Ratio Lower Upper
91 100
92 53.1 27.4 82.0
134 26.1 13.2 39.5

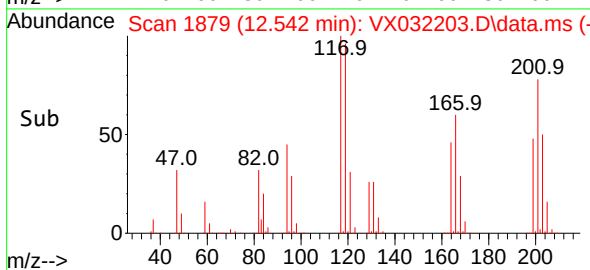
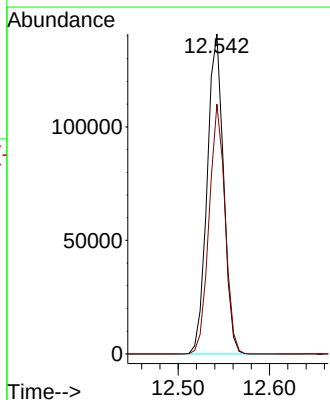
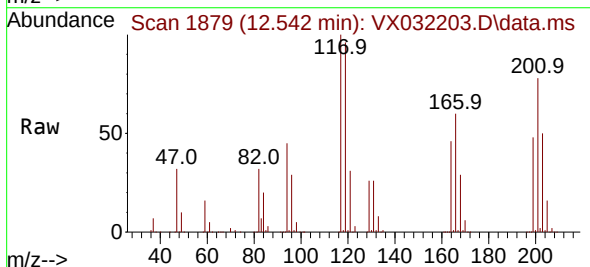
Manual Integrations
APPROVED

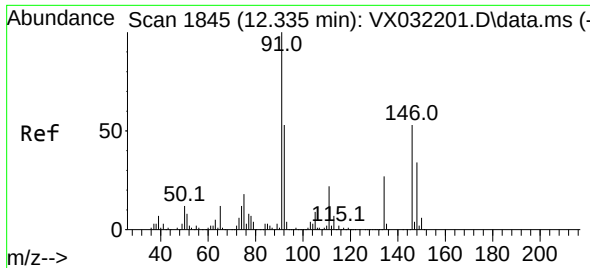
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#90
Hexachloroethane
Concen: 151.103 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.001 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion:117 Resp: 174871
Ion Ratio Lower Upper
117 100
201 76.2 40.4 121.2





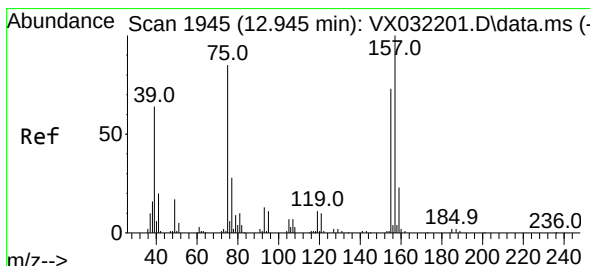
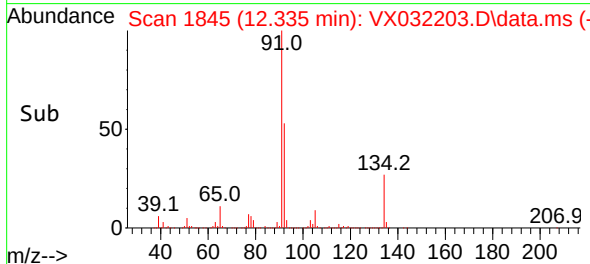
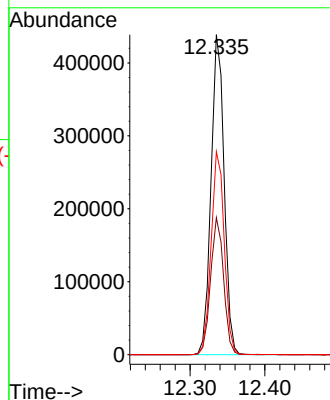
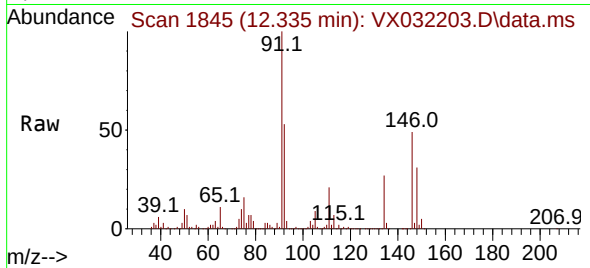
#91
1,2-Dichlorobenzene
Concen: 143.951 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 53372
Ion Ratio Lower Upper
146 100
111 42.6 20.8 62.2
148 63.7 31.9 95.5

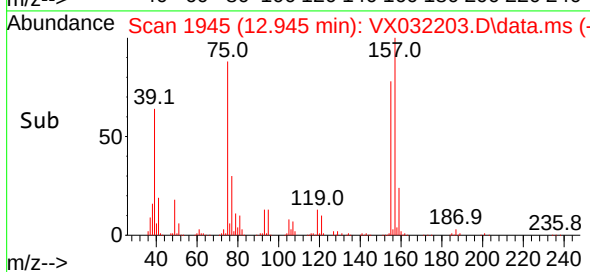
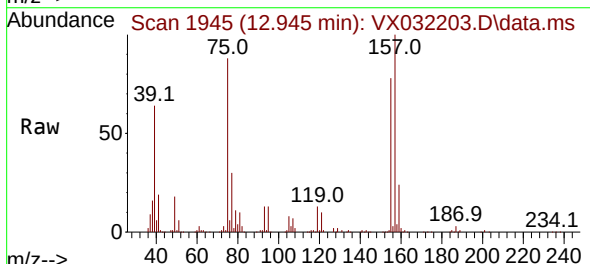
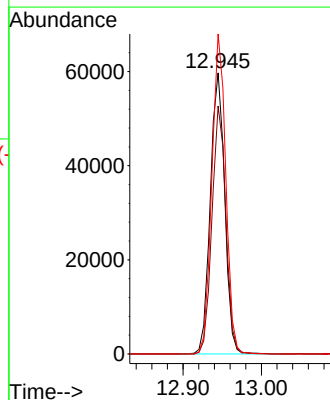
Manual Integrations
APPROVED

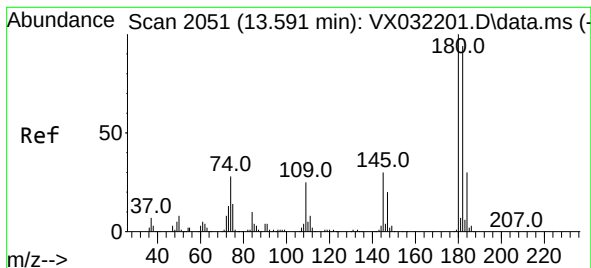
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 122.043 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion: 75 Resp: 76044
Ion Ratio Lower Upper
75 100
155 84.9 45.3 135.9
157 110.1 57.7 173.1





#93

1,2,4-Trichlorobenzene

Concen: 161.722 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 353349

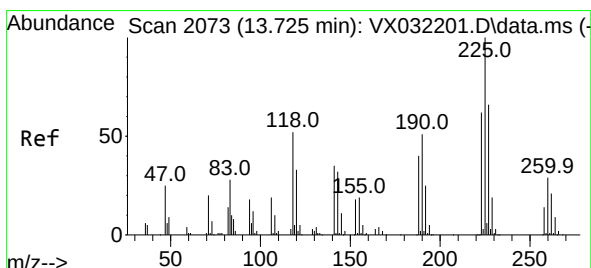
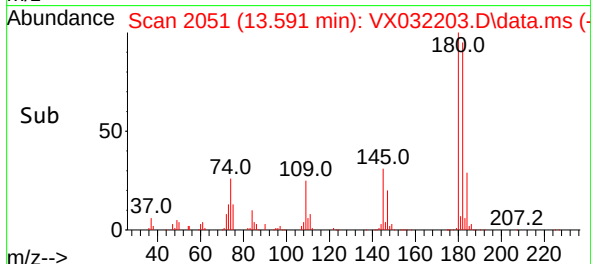
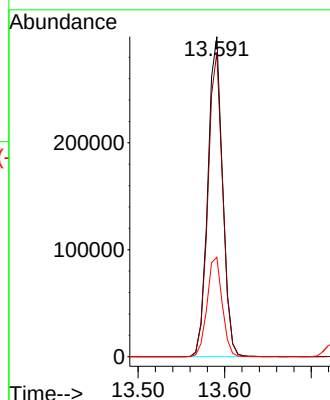
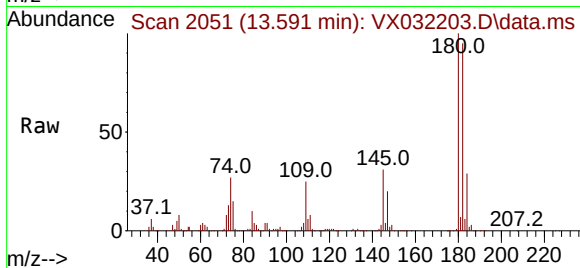
Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.7	143.1
145	31.9	15.0	45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#94

Hexachlorobutadiene

Concen: 131.792 ug/l

RT: 13.725 min Scan# 2073

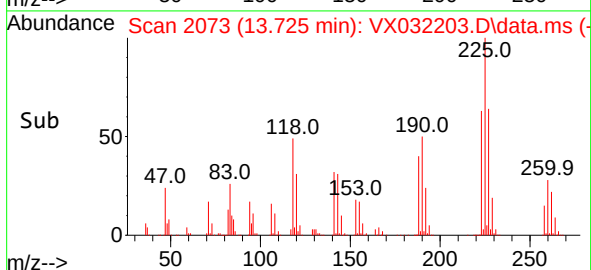
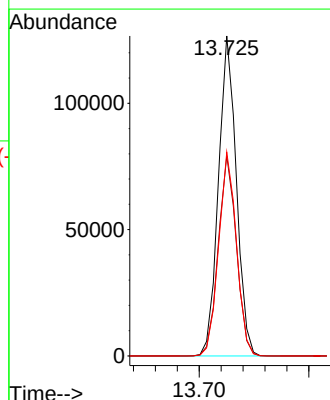
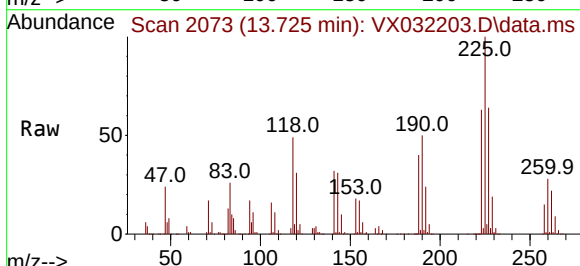
Delta R.T. 0.000 min

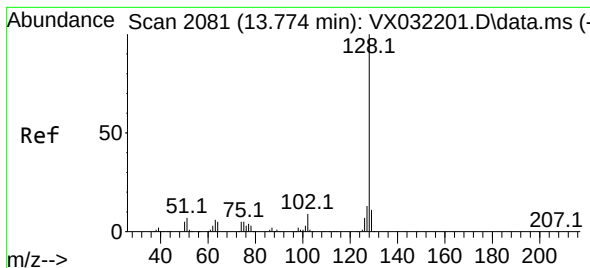
Lab File: VX032203.D

Acq: 19 Oct 2022 13:18

Tgt Ion:225 Resp: 143793

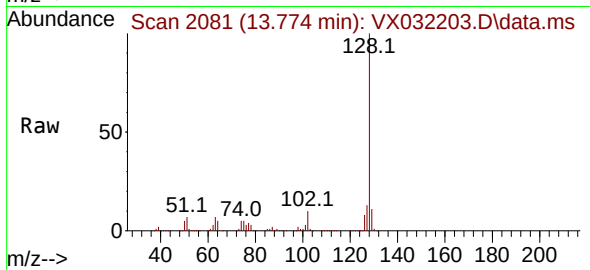
Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.1	93.2
227	63.3	31.6	95.0





#95
Naphthalene
Concen: 157.858 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

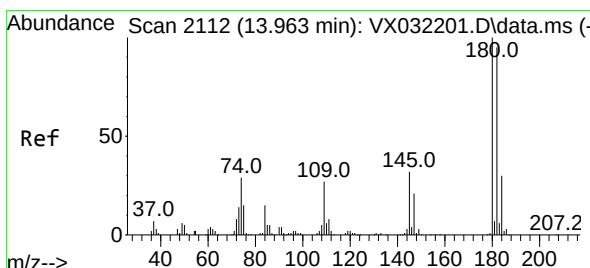
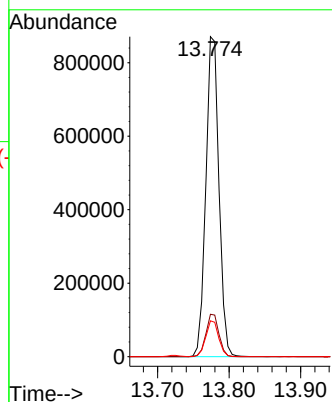
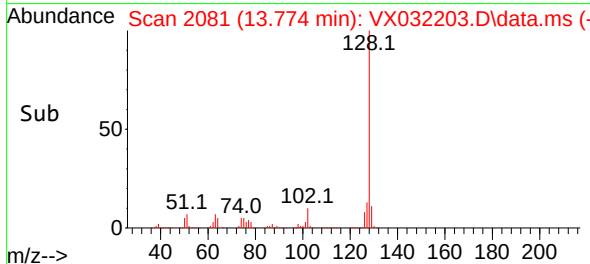
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 1109114
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 158.787 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032203.D
Acq: 19 Oct 2022 13:18

Tgt Ion:180 Resp: 349694
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.9
145 33.9 16.1 48.3

