

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031305.D
 Acq On : 14 Sep 2022 13:12
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 15 01:26:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:23:56 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/15/2022
 Supervised By : Mahesh Dadoda 09/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	56217	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	95477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	12823	9.293	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.580%#		
35) Dibromofluoromethane	5.385	113	9467	9.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.440%#		
50) Toluene-d8	8.653	98	33794	8.778	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.560%#		
62) 4-Bromofluorobenzene	11.085	95	12184	8.642	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.280%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6257	10.308	ug/l	96
3) Chloromethane	1.288	50	8787	9.461	ug/l	100
4) Vinyl Chloride	1.374	62	10054	10.236	ug/l	95
5) Bromomethane	1.611	94	7980	10.834	ug/l	96
6) Chloroethane	1.685	64	7680	9.238	ug/l	94
7) Trichlorofluoromethane	1.886	101	18488	10.268	ug/l	100
8) Diethyl Ether	2.136	74	7915	10.116	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	8718	10.239	ug/l	99
10) Methyl Iodide	2.453	142	7446	9.022	ug/l	99
11) Tert butyl alcohol	2.989	59	20510	61.987	ug/l	99
12) 1,1-Dichloroethene	2.319	96	7738	9.859	ug/l	97
13) Acrolein	2.239	56	7873	49.443	ug/l	94
14) Allyl chloride	2.666	41	17335	9.998	ug/l	97
15) Acrylonitrile	3.068	53	33441	52.545	ug/l	99
16) Acetone	2.392	43	30091	51.082	ug/l	99
17) Carbon Disulfide	2.508	76	15013	8.752	ug/l #	94
18) Methyl Acetate	2.703	43	18632	10.666	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	35757	9.838	ug/l	96
20) Methylene Chloride	2.788	84	10491	9.273	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	9505	9.703	ug/l	94
22) Diisopropyl ether	3.763	45	38067	10.492	ug/l	93
23) Vinyl Acetate	3.727	43	157688	52.294	ug/l	98
24) 1,1-Dichloroethane	3.611	63	19685	10.338	ug/l	96
25) 2-Butanone	4.568	43	51008	52.496	ug/l	97
26) 2,2-Dichloropropane	4.477	77	18602	10.297	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	11823	10.252	ug/l	97
28) Bromochloromethane	4.903	49	8844	9.964	ug/l #	90
29) Tetrahydrofuran	5.019	42	30516	50.699	ug/l	99
30) Chloroform	5.092	83	20559	10.196	ug/l	98
31) Cyclohexane	5.464	56	14518	9.793	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	18409	10.189	ug/l	99
36) 1,1-Dichloropropene	5.696	75	13415	9.550	ug/l	97
37) Ethyl Acetate	4.721	43	18652	10.104	ug/l	100
38) Carbon Tetrachloride	5.678	117	14668	9.606	ug/l	97
39) Methylcyclohexane	7.379	83	14485	9.363	ug/l	97
40) Benzene	6.037	78	39790	9.864	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	9933	9.933	ug/l	98
42) 1,2-Dichloroethane	6.092	62	16571	10.184	ug/l	99
43) Isopropyl Acetate	6.342	43	32520	10.320	ug/l	98
44) Trichloroethene	7.123	130	9831	9.559	ug/l	95
45) 1,2-Dichloropropane	7.433	63	11264	10.200	ug/l	89
46) Dibromomethane	7.586	93	7855	10.030	ug/l	97
47) Bromodichloromethane	7.824	83	16265	9.985	ug/l	99
48) Methyl methacrylate	7.696	41	14247	9.932	ug/l	95
49) 1,4-Dioxane	7.690	88	6149	234.604	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	100630	52.539	ug/l	99
52) Toluene	8.720	92	24971	9.786	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	18469	10.075	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	18498	9.819	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	11504	10.213	ug/l	96
56) Ethyl methacrylate	9.116	69	18562	10.179	ug/l	96
57) 1,3-Dichloropropane	9.311	76	19749	10.203	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	43210	50.858	ug/l	94
59) 2-Hexanone	9.433	43	76788	52.529	ug/l	99
60) Dibromochloromethane	9.525	129	11778	9.699	ug/l	99
61) 1,2-Dibromoethane	9.610	107	11293	9.770	ug/l	97
64) Tetrachloroethene	9.275	164	9082	9.576	ug/l	97
65) Chlorobenzene	10.079	112	26837	9.769	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	10841	10.016	ug/l	96
67) Ethyl Benzene	10.195	91	50773	10.204	ug/l	99
68) m/p-Xylenes	10.305	106	38150	20.191	ug/l	96
69) o-Xylene	10.640	106	18816	9.805	ug/l	96
70) Styrene	10.659	104	30533	9.784	ug/l	97
71) Bromoform	10.799	173	8333	9.670	ug/l #	98
73) Isopropylbenzene	10.963	105	48996	10.063	ug/l	99
74) N-amyl acetate	10.841	43	25657	10.599	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	18676	10.673	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	18386m	10.139	ug/l	
77) Bromobenzene	11.201	156	10753	9.685	ug/l	85
78) n-propylbenzene	11.305	91	58060	10.160	ug/l	95
79) 2-Chlorotoluene	11.366	91	35127	10.046	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	41785	10.243	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6220	10.360	ug/l	92
82) 4-Chlorotoluene	11.457	91	40966	10.222	ug/l	96
83) tert-Butylbenzene	11.713	119	41149	10.082	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	40740	10.048	ug/l	97
85) sec-Butylbenzene	11.890	105	51251	10.028	ug/l	99
86) p-Isopropyltoluene	12.012	119	41557	9.979	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	20937	9.891	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	21944	10.087	ug/l	97
89) n-Butylbenzene	12.335	91	36867	9.983	ug/l	98
90) Hexachloroethane	12.536	117	8351	10.041	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	21565	10.007	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4571	9.880	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	11129	9.537	ug/l	97
94) Hexachlorobutadiene	13.725	225	4416	9.695	ug/l	94
95) Naphthalene	13.774	128	46373	9.781	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	11671	9.340	ug/l	99

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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

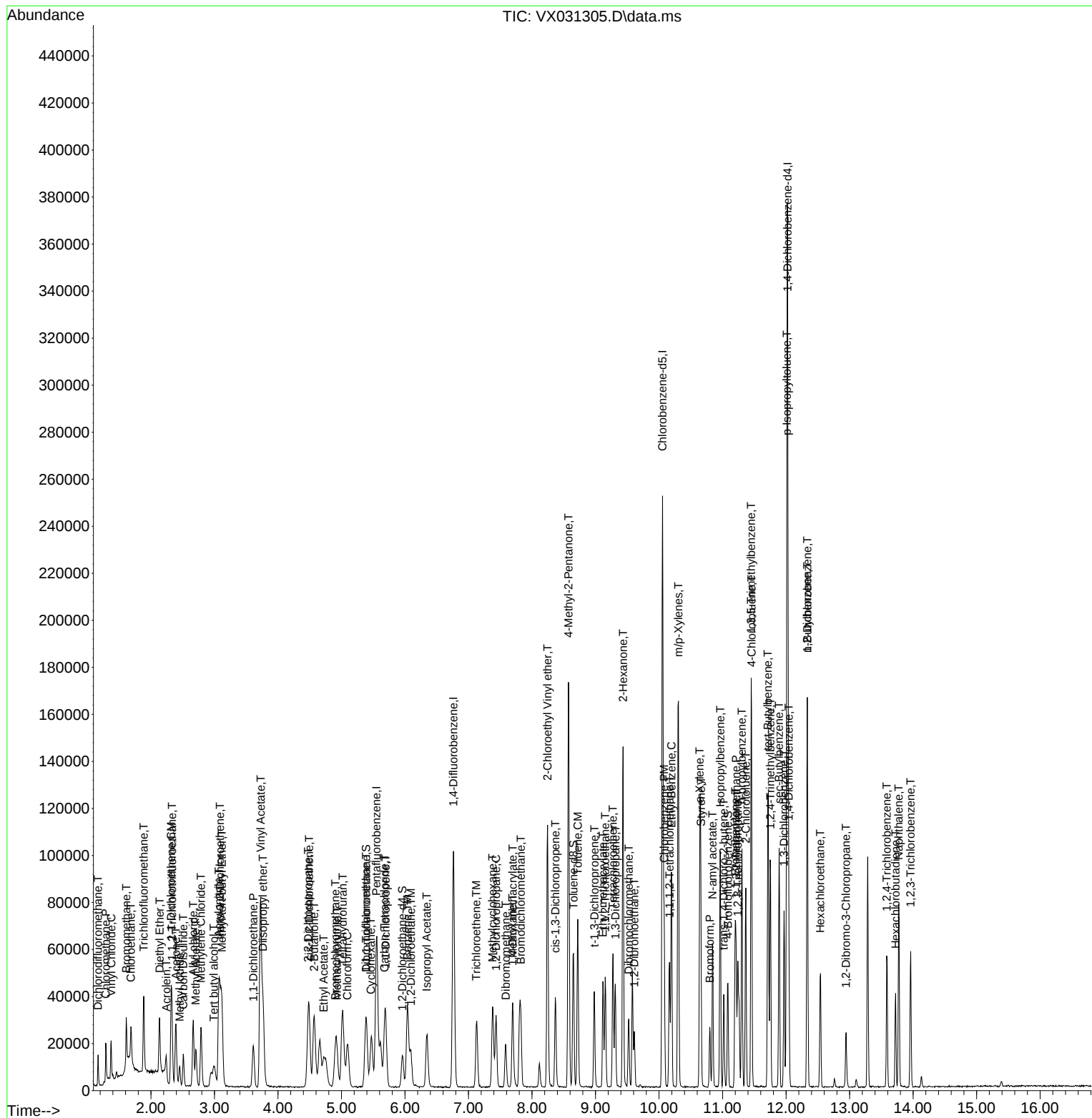
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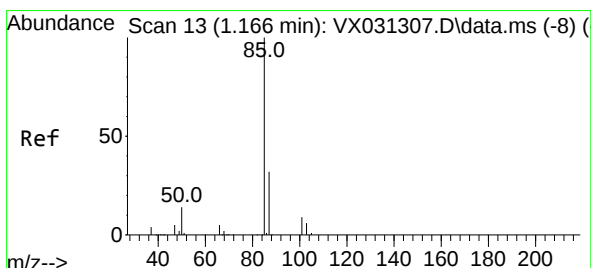
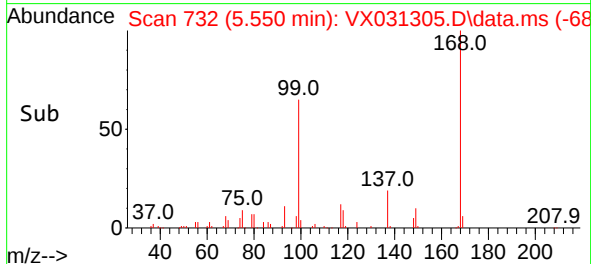
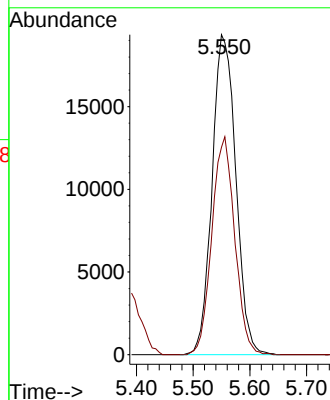
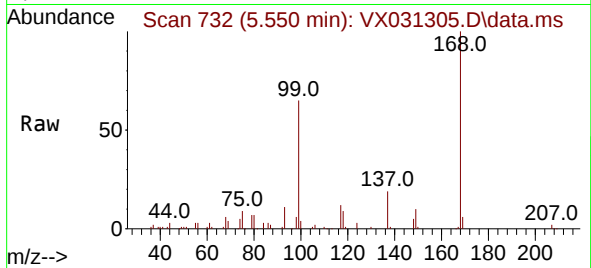
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:168 Resp: 5621
Ion Ratio Lower Upper
168 100
99 64.8 48.8 73.2

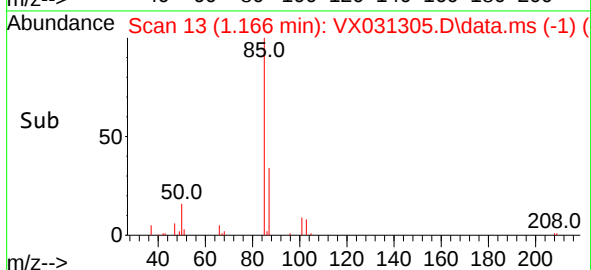
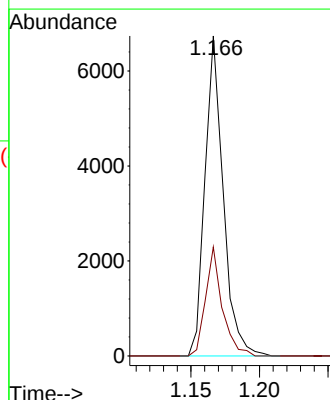
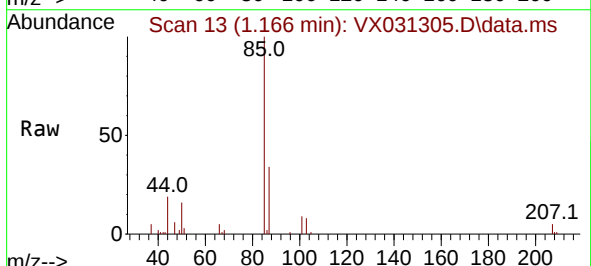
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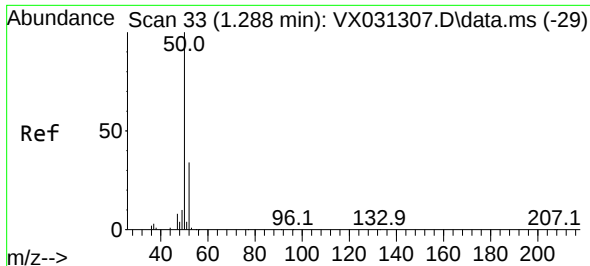
Reviewed By :John Carlone 09/15/2022
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#2
Dichlorodifluoromethane
Concen: 10.308 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

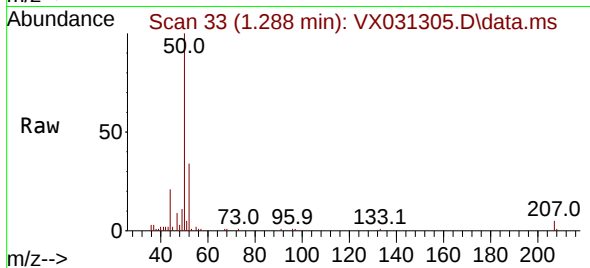
Tgt Ion: 85 Resp: 6257
Ion Ratio Lower Upper
85 100
87 34.1 15.8 47.4





#3
Chloromethane
Concen: 9.461 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

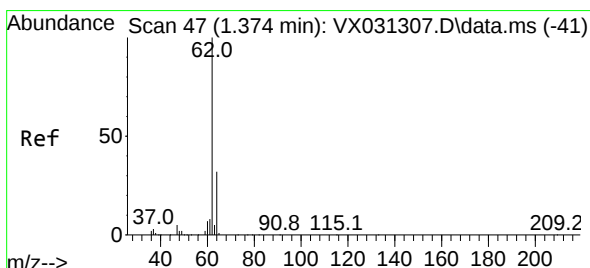
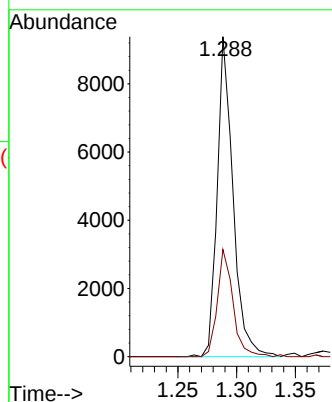
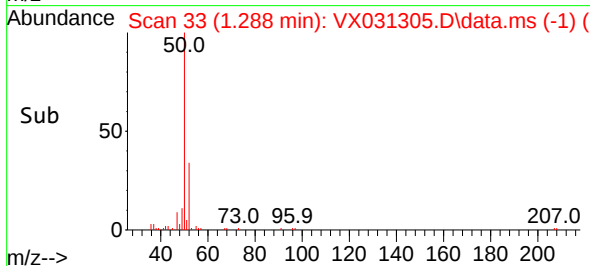
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 50 Resp: 878
Ion Ratio Lower Upper
50 100
52 33.5 26.9 40.3

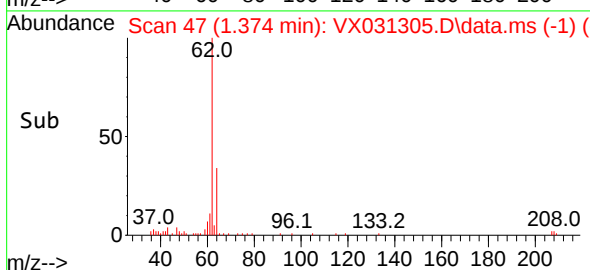
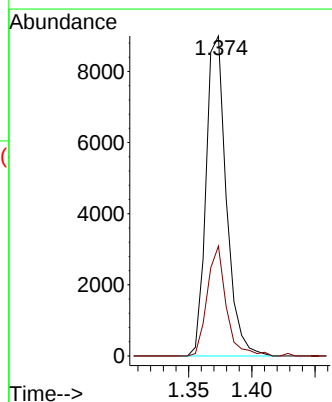
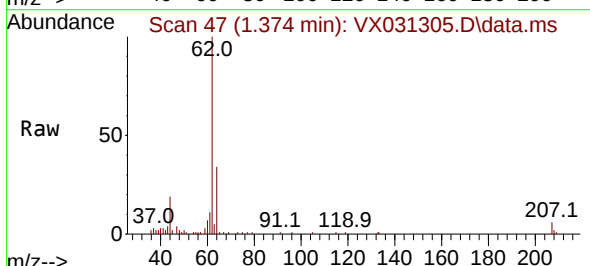
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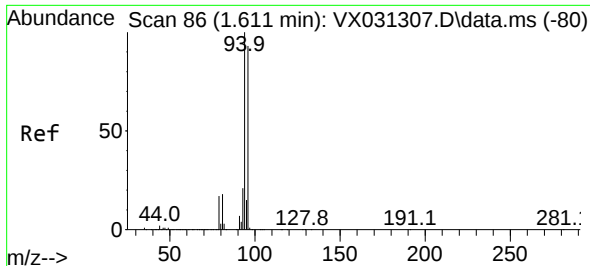
Reviewed By :John Carlone 09/15/2022
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#4
Vinyl Chloride
Concen: 10.236 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

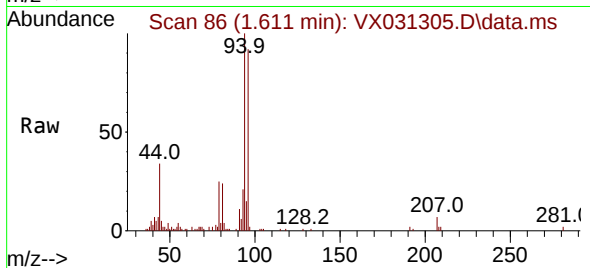
Tgt Ion: 62 Resp: 10054
Ion Ratio Lower Upper
62 100
64 34.3 25.3 37.9





#5
Bromomethane
Concen: 10.834 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

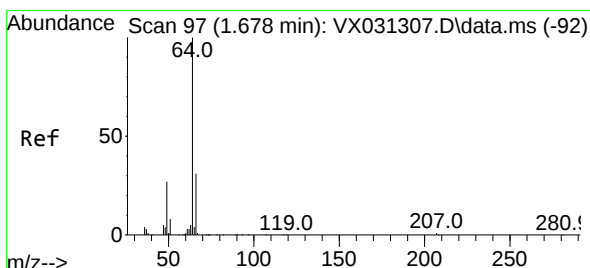
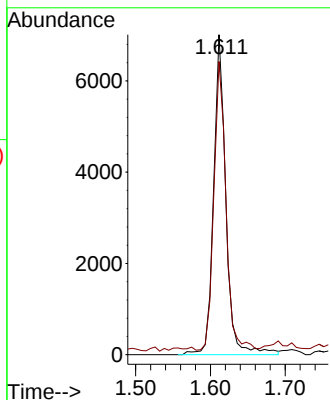
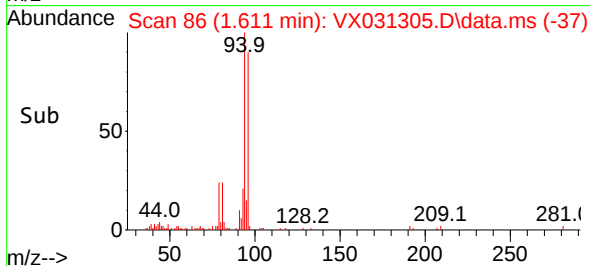
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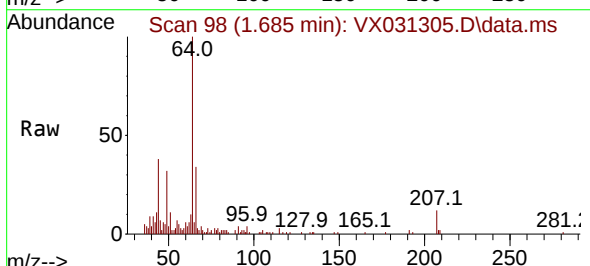
Tgt Ion: 94 Resp: 7980
Ion Ratio Lower Upper
94 100
96 89.5 74.4 111.6

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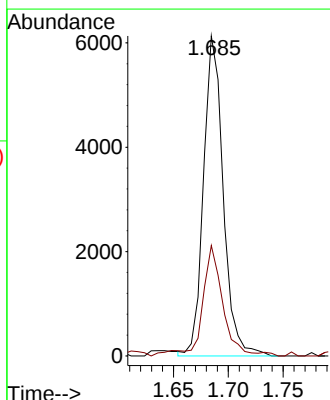
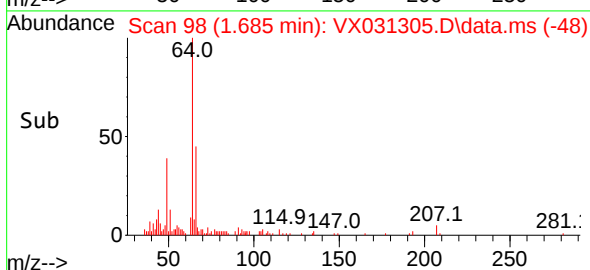
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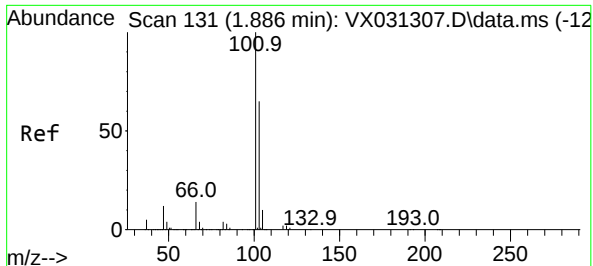


#6
Chloroethane
Concen: 9.238 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



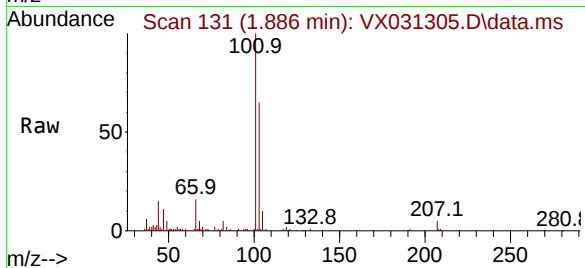
Tgt Ion: 64 Resp: 7680
Ion Ratio Lower Upper
64 100
66 34.5 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 10.268 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX031305.D
 Acq: 14 Sep 2022 13:12

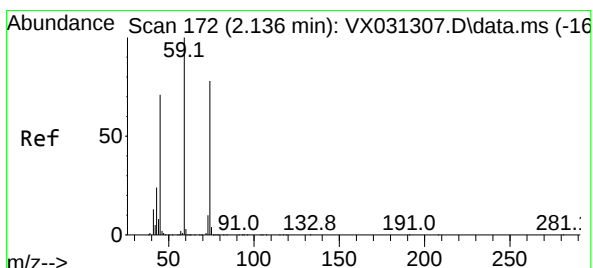
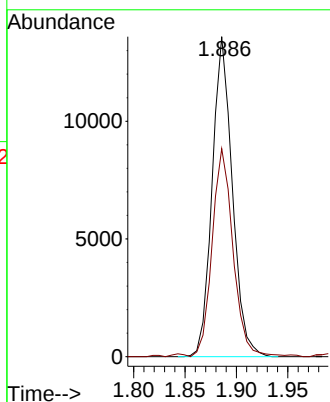
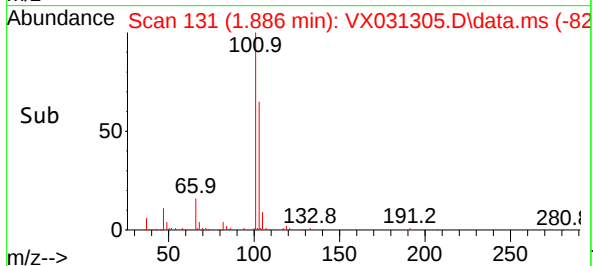
Instrument :
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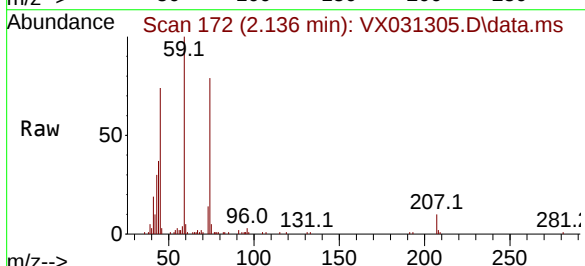
Tgt Ion:101 Resp: 1848
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.6

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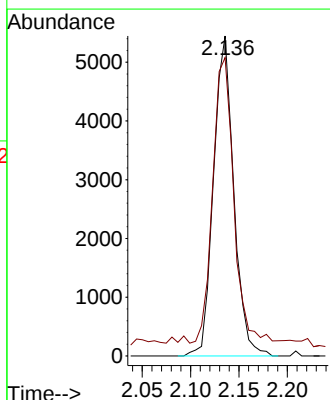
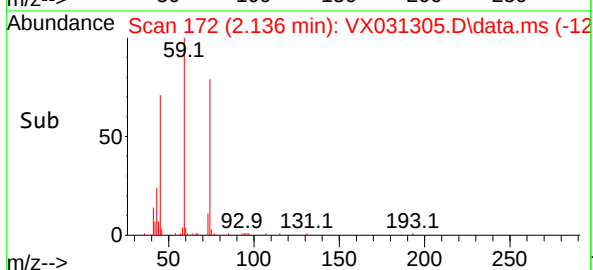
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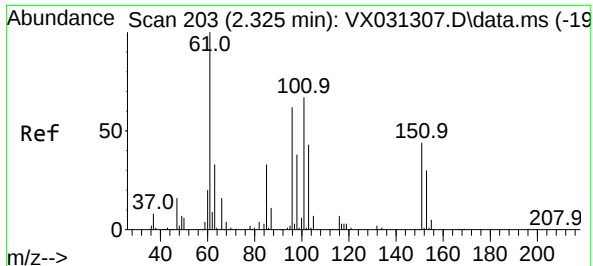


#8
 Diethyl Ether
 Concen: 10.116 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 7915
 Ion Ratio Lower Upper
 74 100
 45 92.6 48.5 145.6





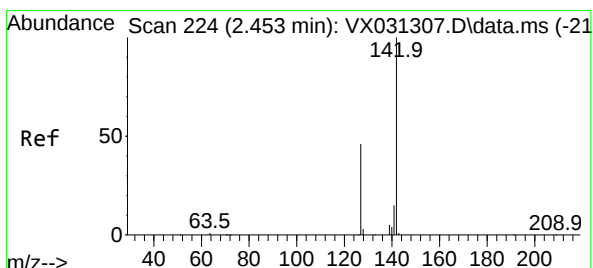
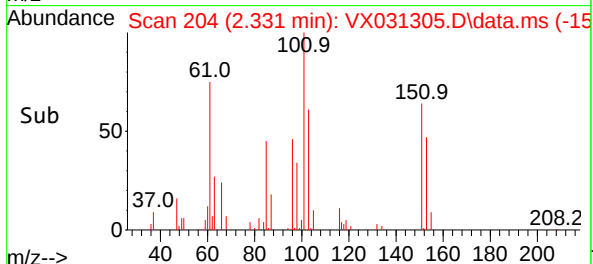
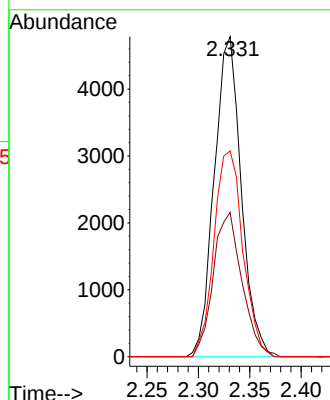
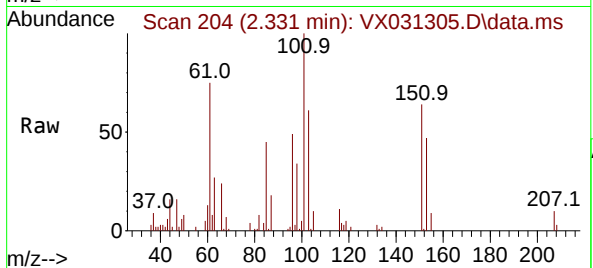
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.239 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 8718
Ion Ratio Lower Upper
101 100
85 48.0 38.6 57.8
151 68.9 54.0 81.0

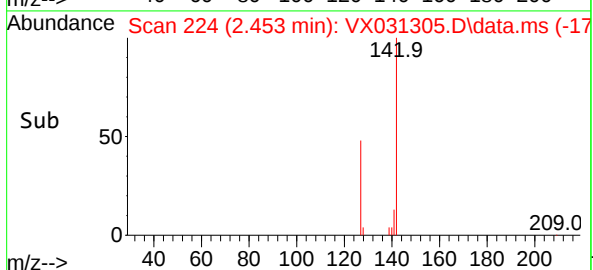
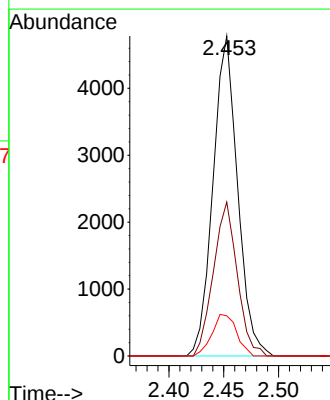
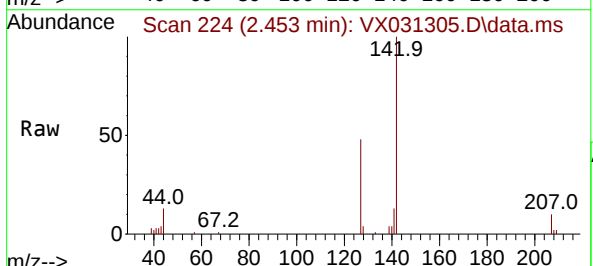
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#10
Methyl Iodide
Concen: 9.022 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

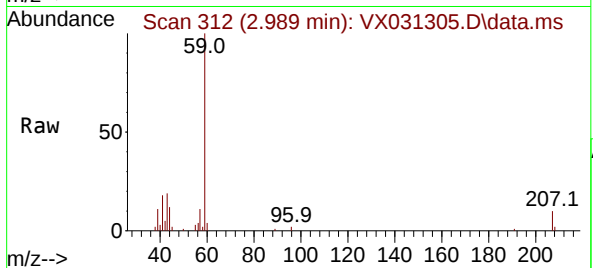
Tgt Ion:142 Resp: 7446
Ion Ratio Lower Upper
142 100
127 46.7 37.4 56.0
141 13.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 61.987 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

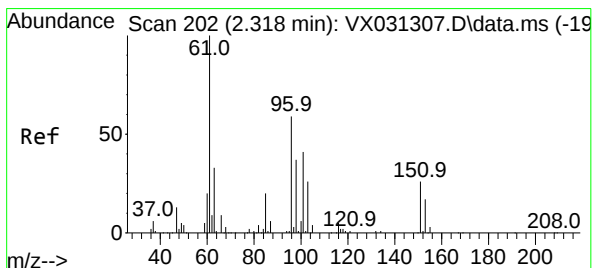
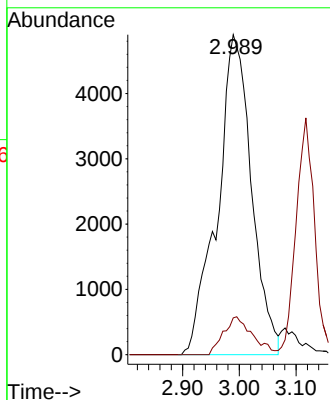
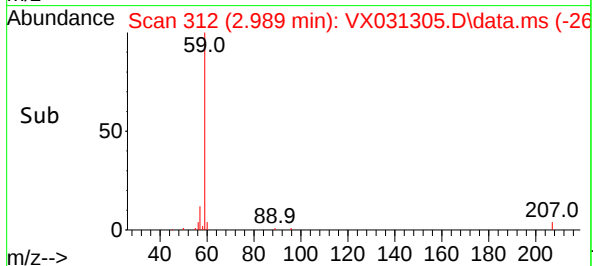
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



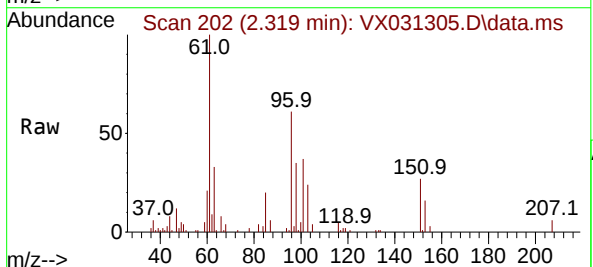
Tgt Ion: 59 Resp: 20510
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

Manual Integrations
APPROVED

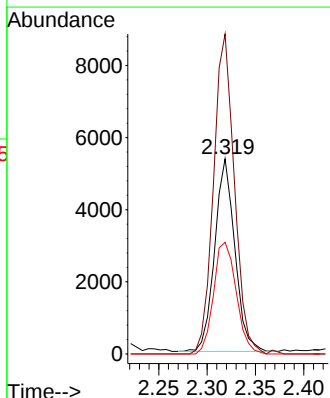
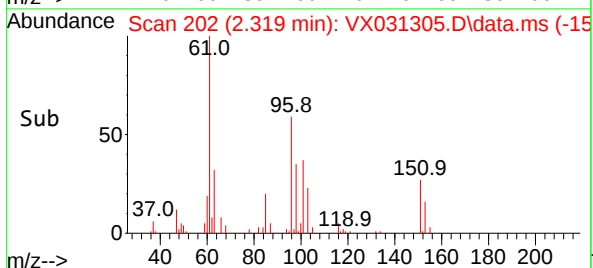
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

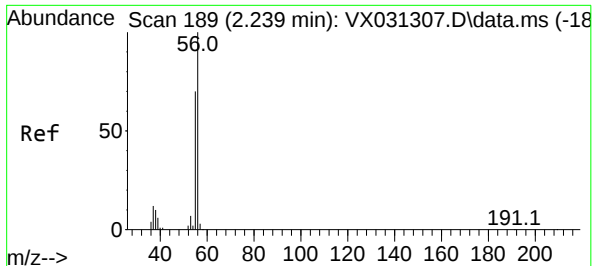


#12
1,1-Dichloroethene
Concen: 9.859 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



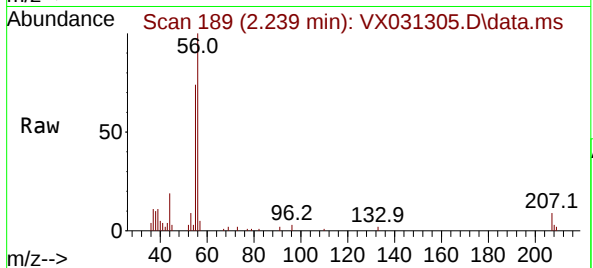
Tgt Ion: 96 Resp: 7738
Ion Ratio Lower Upper
96 100
61 166.1 135.3 202.9
98 58.0 49.4 74.2





#13
Acrolein
Concen: 49.443 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

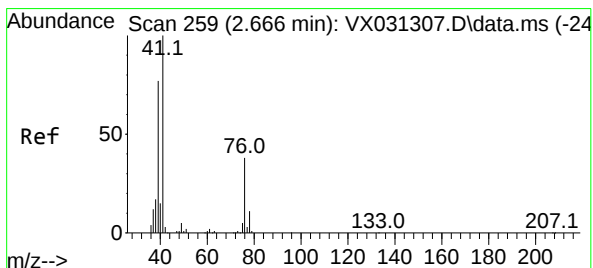
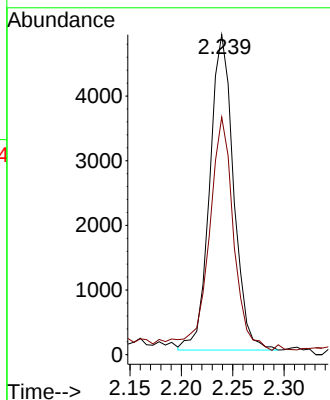
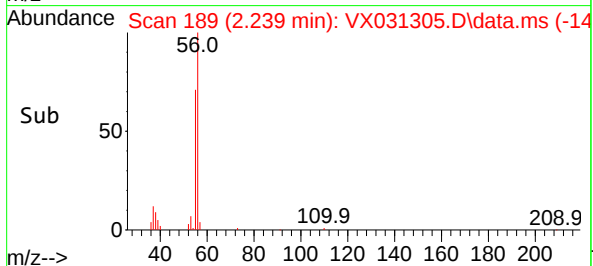
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 787
Ion Ratio Lower Upper
56 100
55 74.6 56.0 84.0

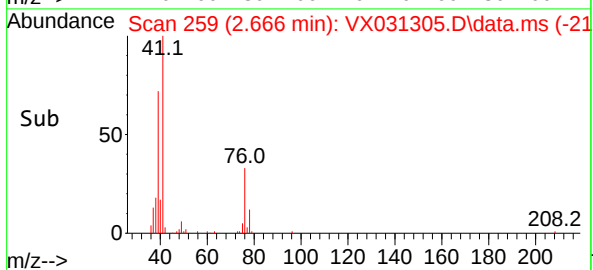
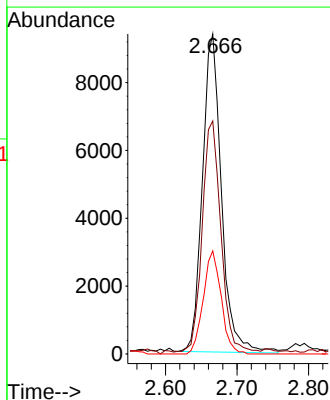
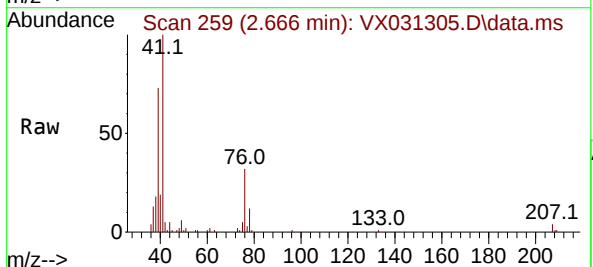
Manual Integrations
APPROVED

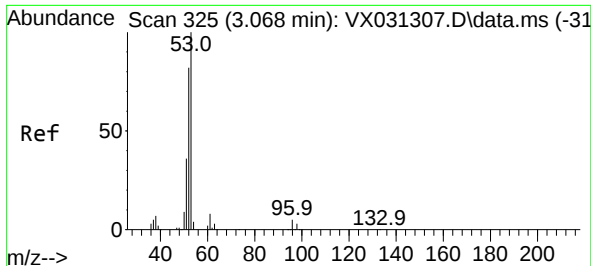
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#14
Allyl chloride
Concen: 9.998 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

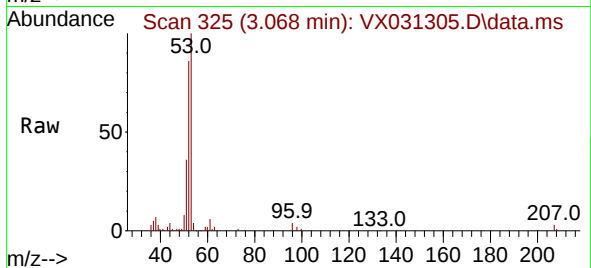
Tgt Ion: 41 Resp: 17335
Ion Ratio Lower Upper
41 100
39 71.5 58.2 87.4
76 30.4 26.9 40.3





#15
Acrylonitrile
Concen: 52.545 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

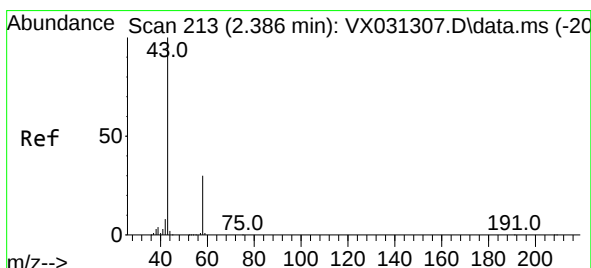
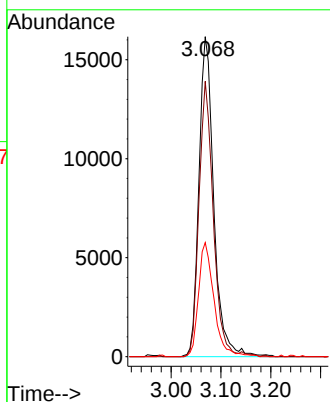
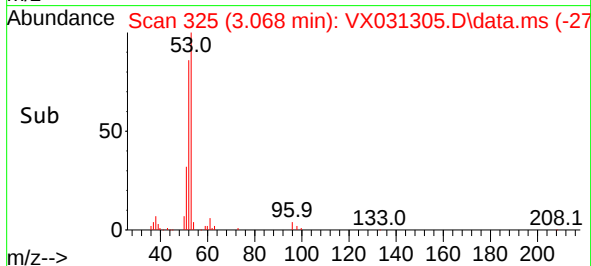
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



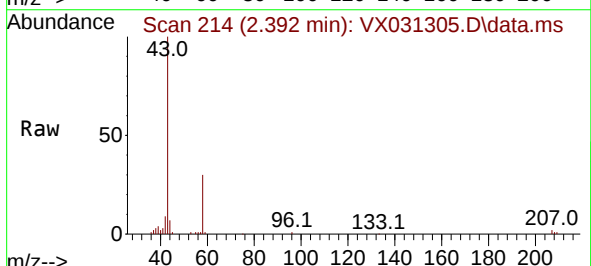
Tgt Ion: 53 Resp: 3344
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 37.2 30.0 45.0

Manual Integrations
APPROVED

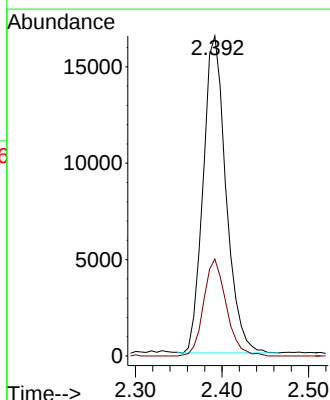
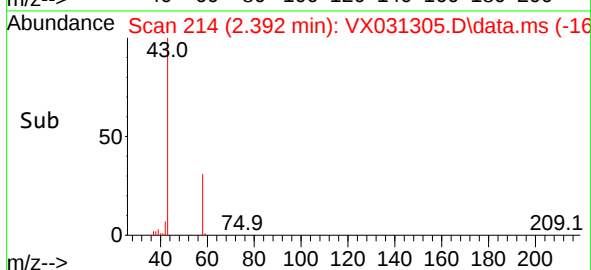
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

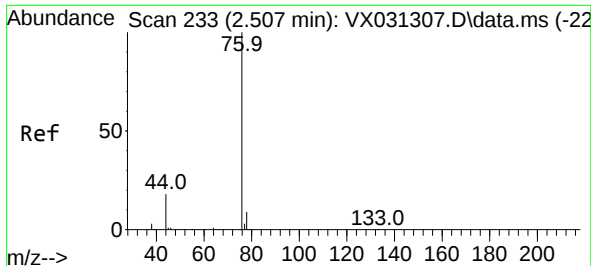


#16
Acetone
Concen: 51.082 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



Tgt Ion: 43 Resp: 30091
Ion Ratio Lower Upper
43 100
58 30.6 23.8 35.8





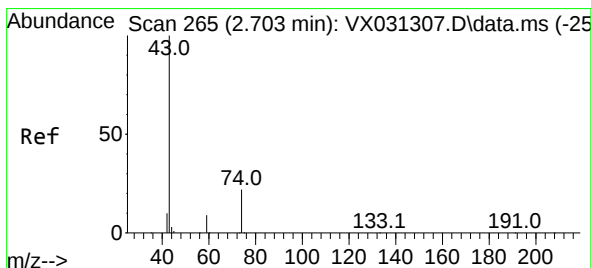
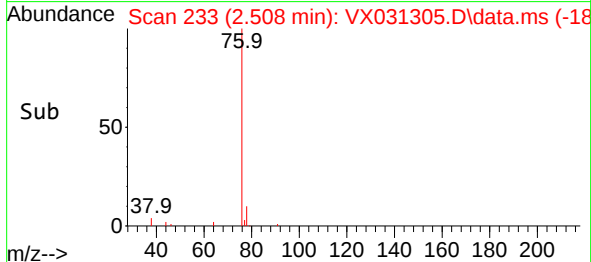
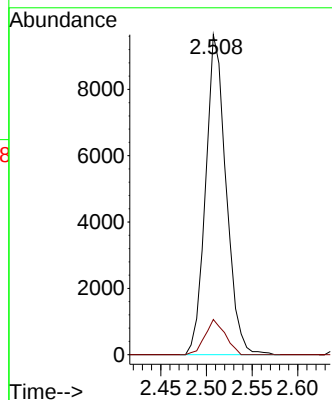
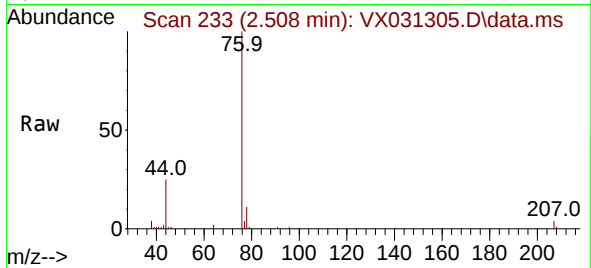
#17
Carbon Disulfide
Concen: 8.752 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 1501
Ion Ratio Lower Upper
76 100
78 11.0 7.2 10.8

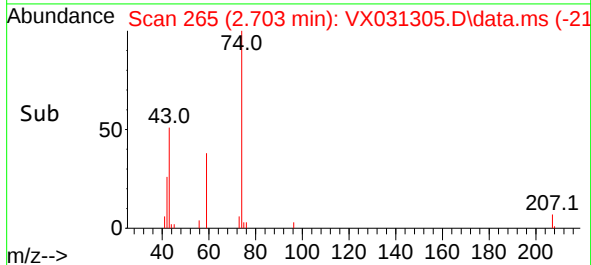
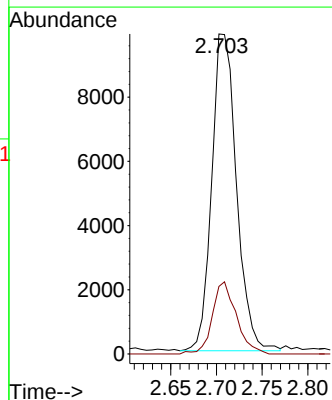
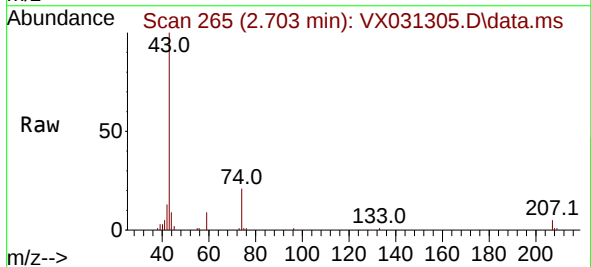
Manual Integrations
APPROVED

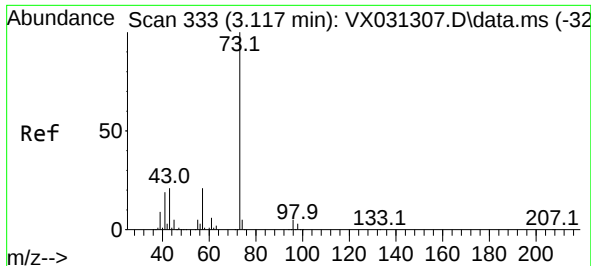
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#18
Methyl Acetate
Concen: 10.666 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Tgt Ion: 43 Resp: 18632
Ion Ratio Lower Upper
43 100
74 22.1 18.6 27.8





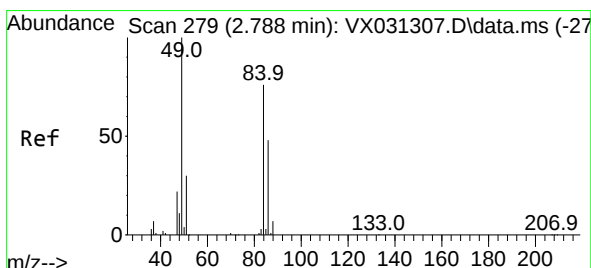
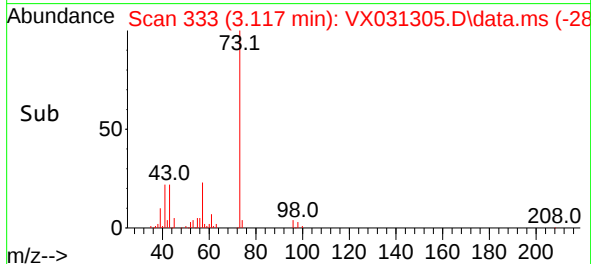
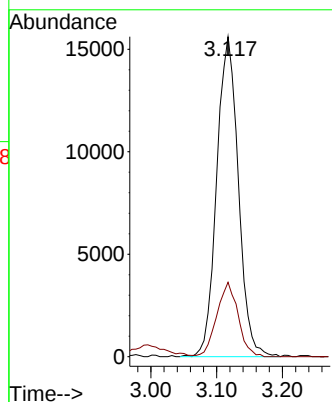
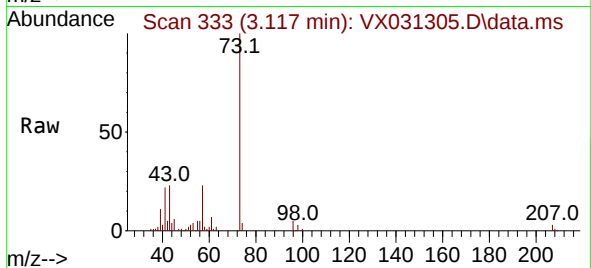
#19
Methyl tert-butyl Ether
Concen: 9.838 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 3575
Ion Ratio Lower Upper
73 100
57 23.2 17.2 25.8

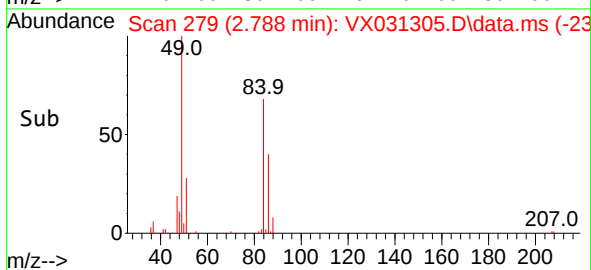
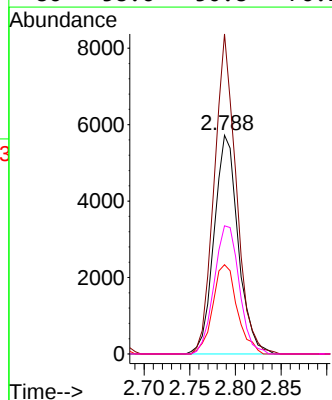
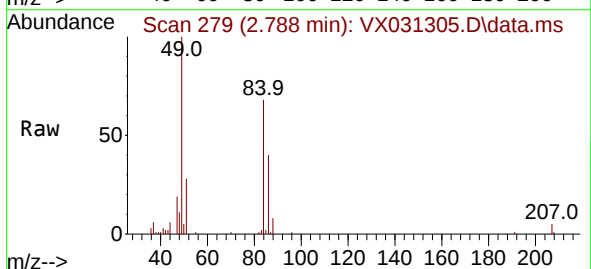
Manual Integrations
APPROVED

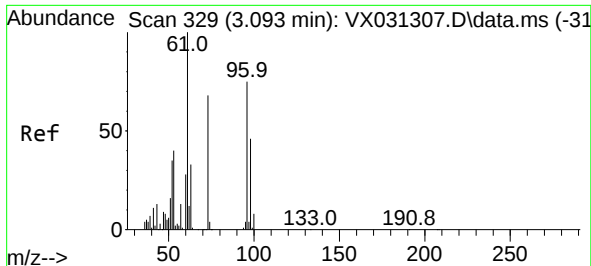
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#20
Methylene Chloride
Concen: 9.273 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

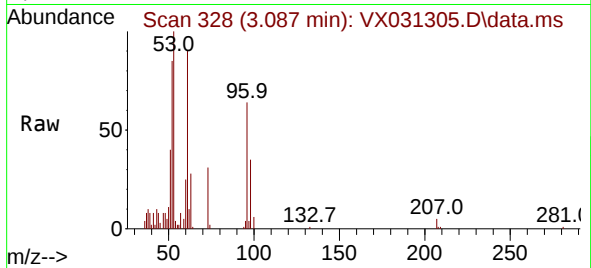
Tgt Ion: 84 Resp: 10491
Ion Ratio Lower Upper
84 100
49 146.3 105.9 158.9
51 40.8 32.2 48.2
86 58.6 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 9.703 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

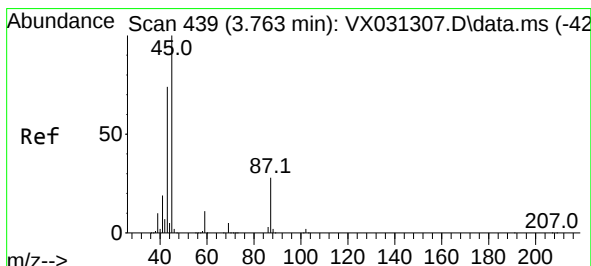
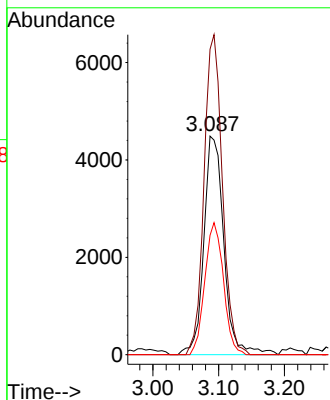
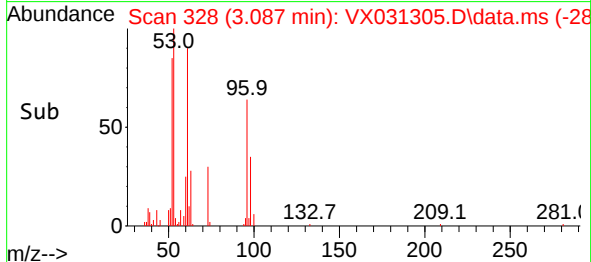
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 950
Ion Ratio Lower Upper
96 100
61 139.8 106.7 160.1
98 54.6 48.7 73.1

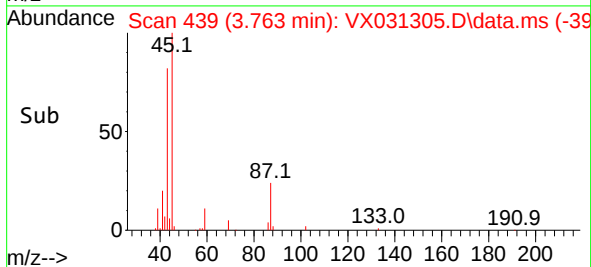
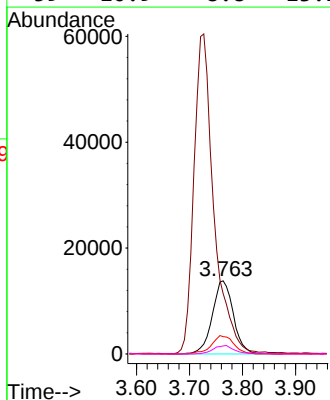
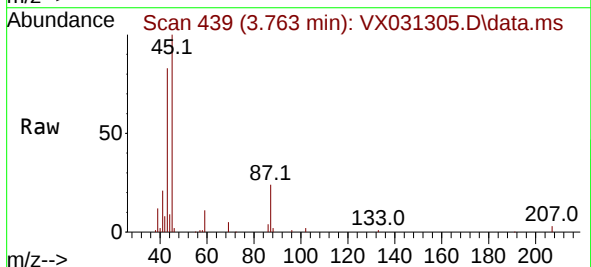
Manual Integrations
APPROVED

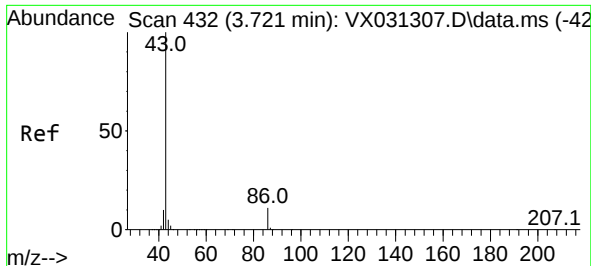
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#22
Diisopropyl ether
Concen: 10.492 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

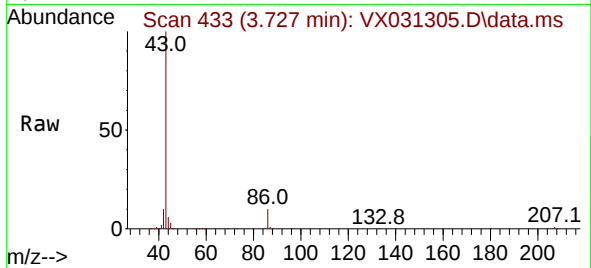
Tgt Ion: 45 Resp: 38067
Ion Ratio Lower Upper
45 100
43 80.6 59.0 88.6
87 23.7 22.6 33.8
59 10.9 8.8 13.2





#23
 Vinyl Acetate
 Concen: 52.294 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX031305.D
 Acq: 14 Sep 2022 13:12

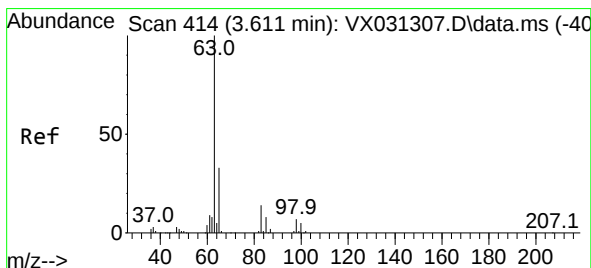
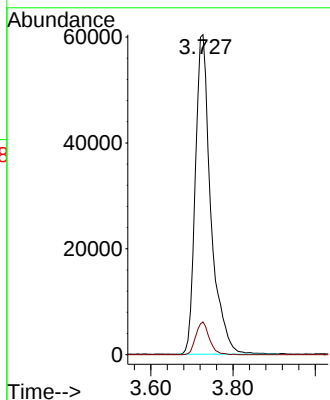
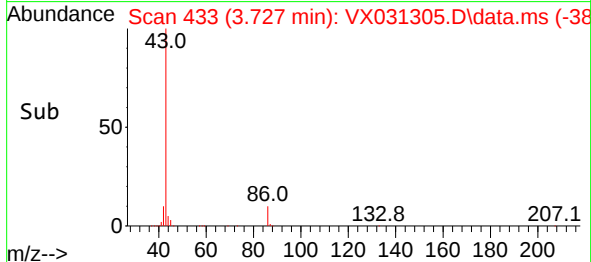
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010



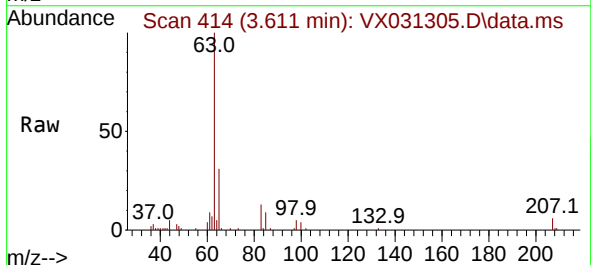
Tgt Ion: 43 Resp: 15768
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.7 13.1

Manual Integrations
 APPROVED

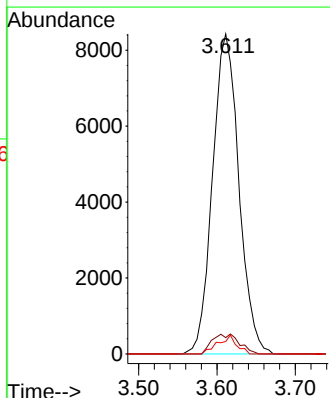
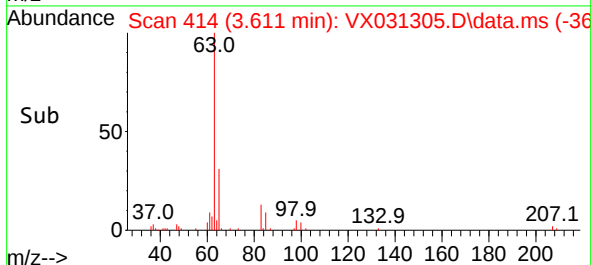
Reviewed By :John Carlone 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

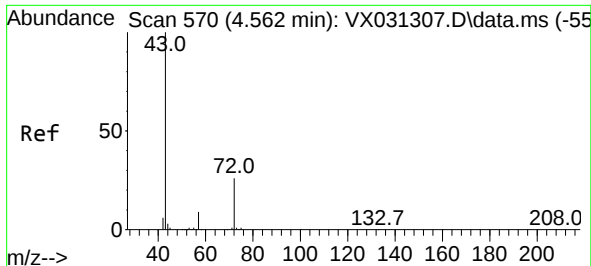


#24
 1,1-Dichloroethane
 Concen: 10.338 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031305.D
 Acq: 14 Sep 2022 13:12



Tgt Ion: 63 Resp: 19685
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.5 10.4
 100 3.9 2.4 7.2





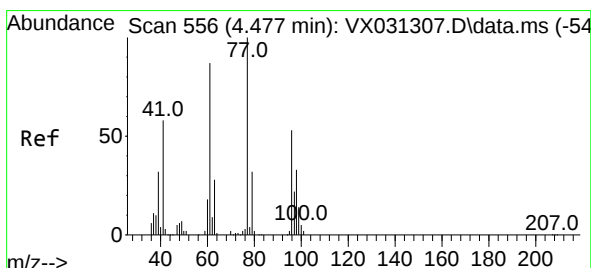
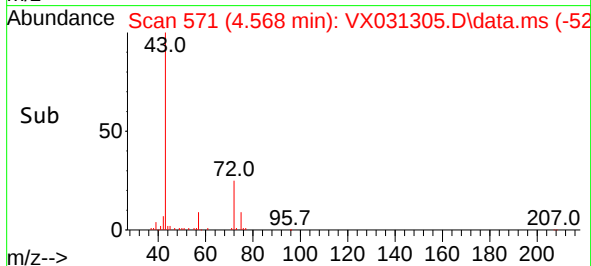
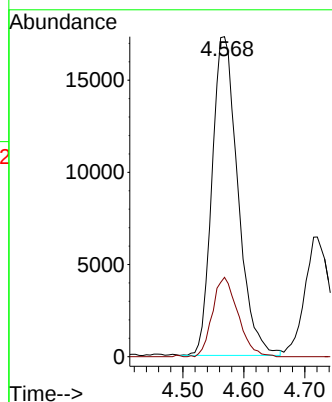
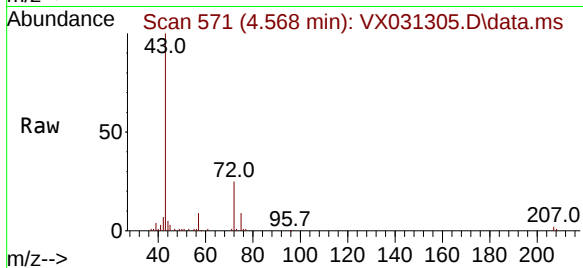
#25
2-Butanone
Concen: 52.496 ug/l
RT: 4.568 min Scan# 5100
Delta R.T. 0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 5100
Ion Ratio Lower Upper
43 100
72 24.9 21.1 31.7

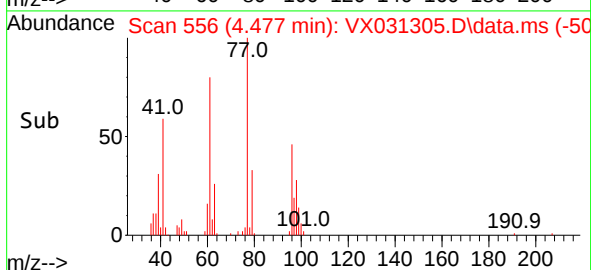
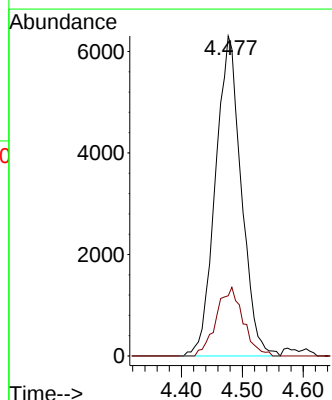
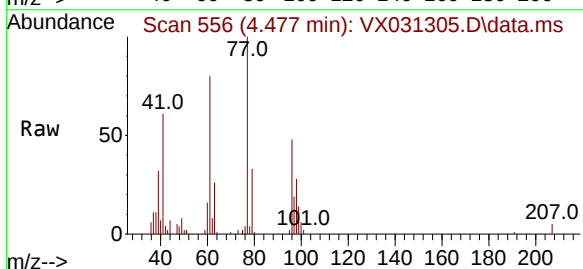
Manual Integrations
APPROVED

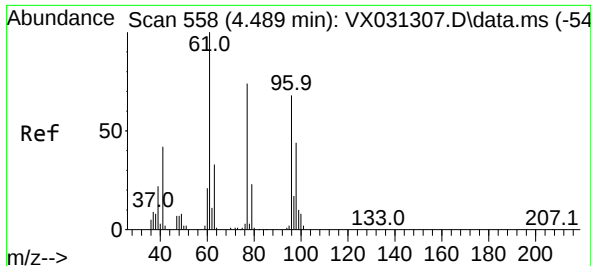
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#26
2,2-Dichloropropane
Concen: 10.297 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Tgt Ion: 77 Resp: 18602
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.6





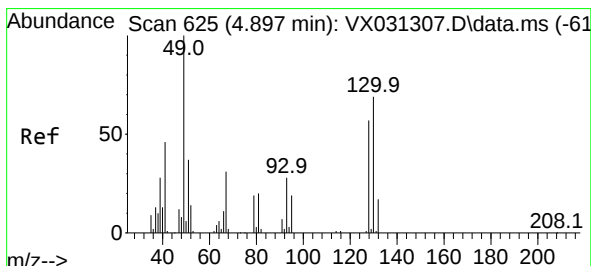
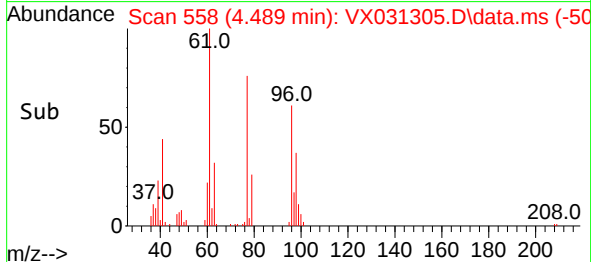
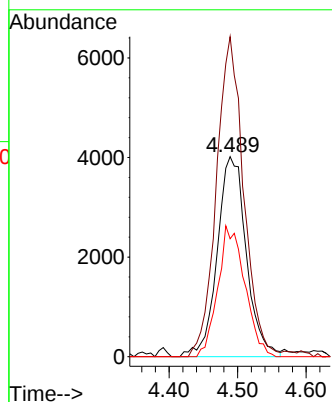
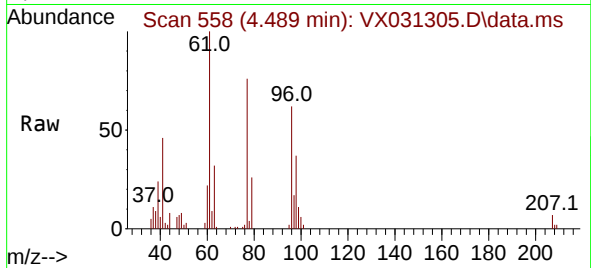
#27
 cis-1,2-Dichloroethene
 Concen: 10.252 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX031305.D
 Acq: 14 Sep 2022 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 1182
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 305.2
 98 60.7 0.0 128.4

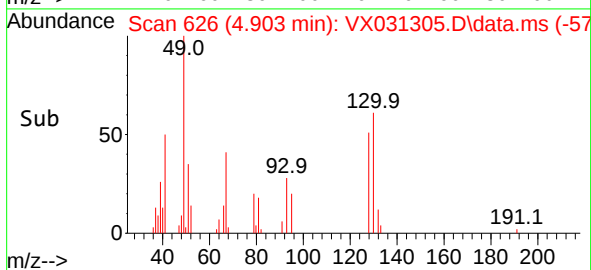
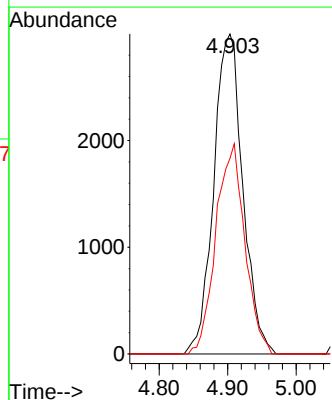
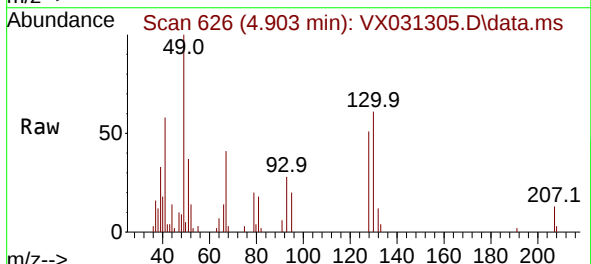
Manual Integrations
 APPROVED

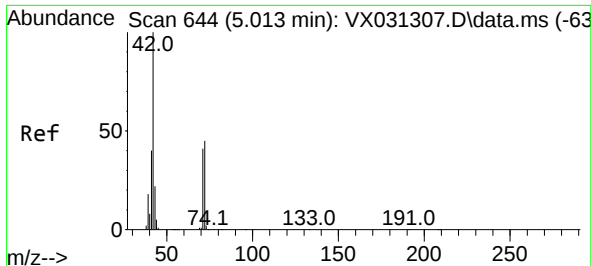
Reviewed By :John Carlone 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022



#28
 Bromochloromethane
 Concen: 9.964 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX031305.D
 Acq: 14 Sep 2022 13:12

Tgt Ion: 49 Resp: 8844
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 65.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 50.699 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 30510

Ion Ratio Lower Upper

42 100

72 44.9 36.4 54.6

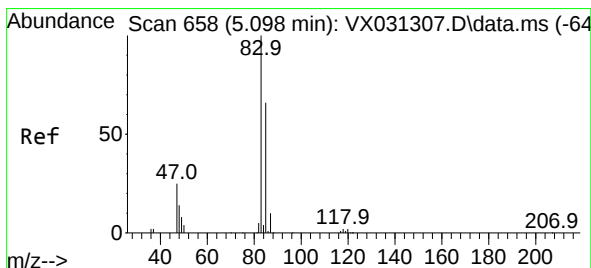
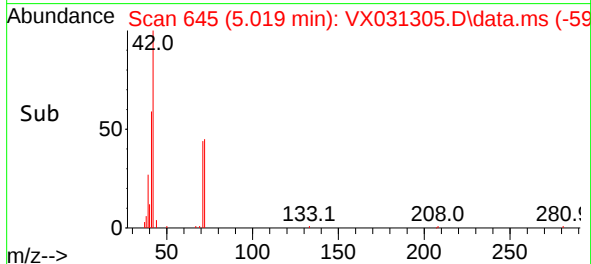
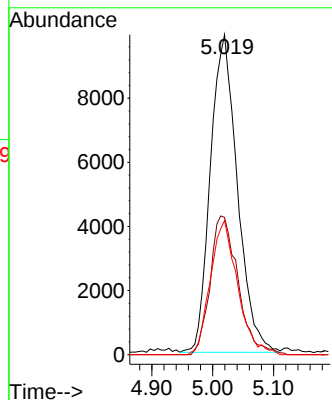
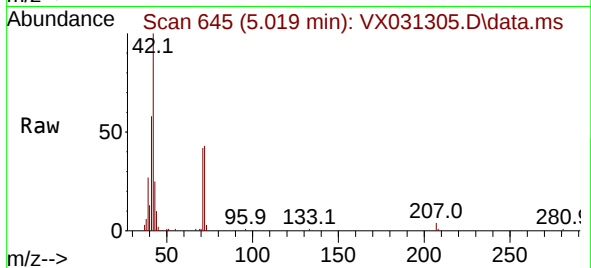
71 42.5 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#30

Chloroform

Concen: 10.196 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX031305.D

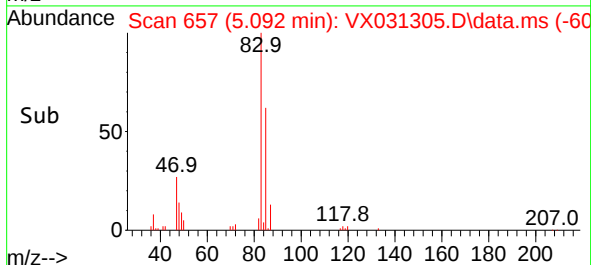
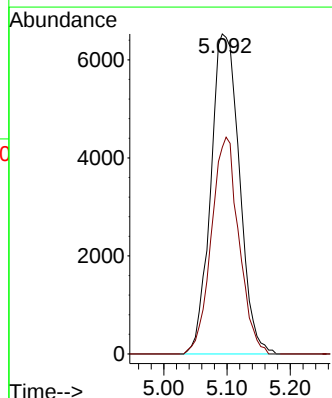
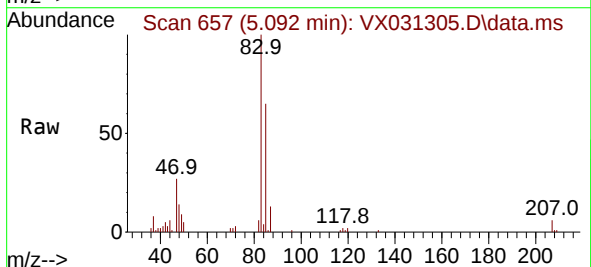
Acq: 14 Sep 2022 13:12

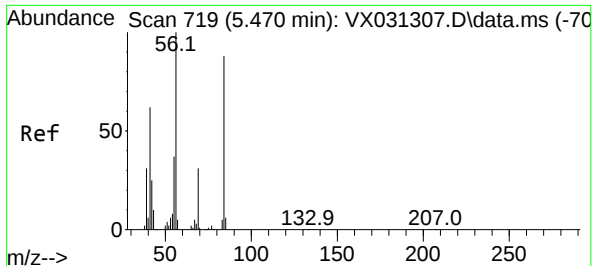
Tgt Ion: 83 Resp: 20559

Ion Ratio Lower Upper

83 100

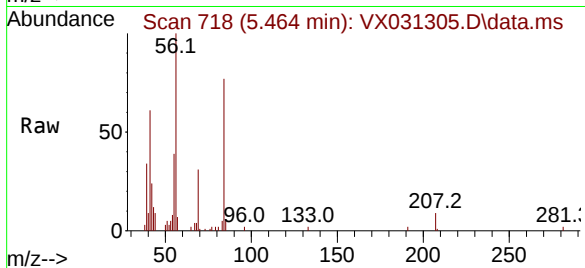
85 64.5 52.8 79.2





#31
Cyclohexane
Concen: 9.793 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

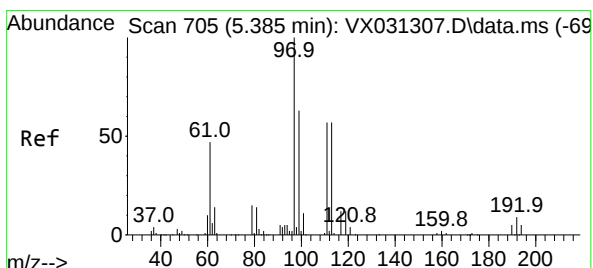
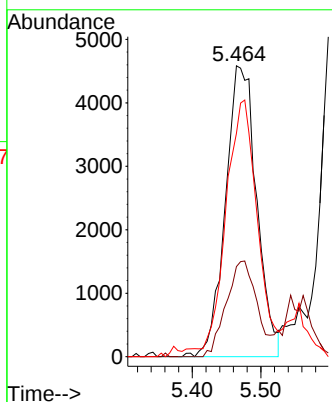
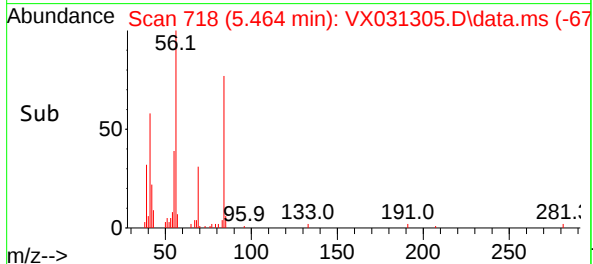
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



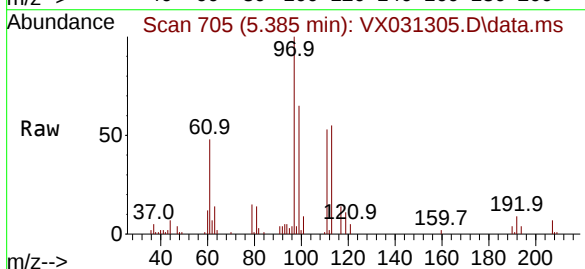
Tgt Ion: 56 Resp: 14518
Ion Ratio Lower Upper
56 100
69 31.0 25.1 37.7
84 74.7 70.2 105.4

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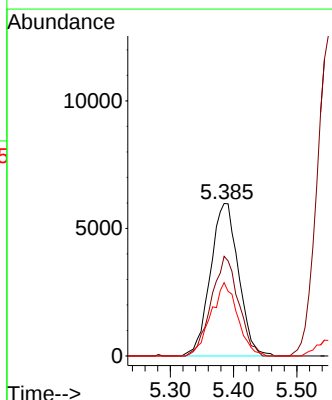
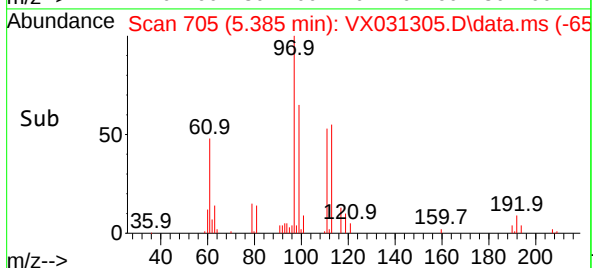
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

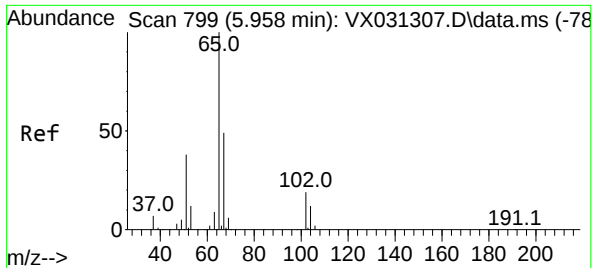


#32
1,1,1-Trichloroethane
Concen: 10.189 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



Tgt Ion: 97 Resp: 18409
Ion Ratio Lower Upper
97 100
99 62.9 51.3 76.9
61 45.7 35.9 53.9





#33
1,2-Dichloroethane-d4
Concen: 9.293 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

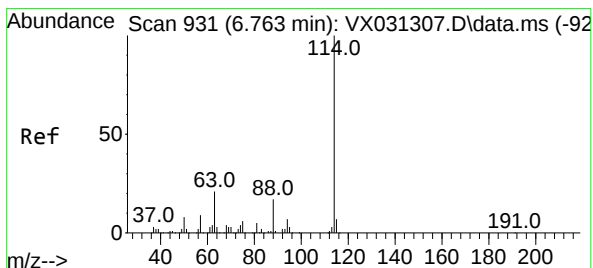
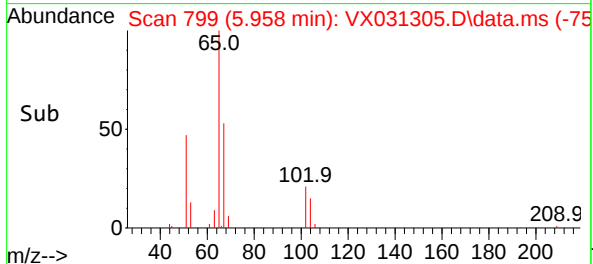
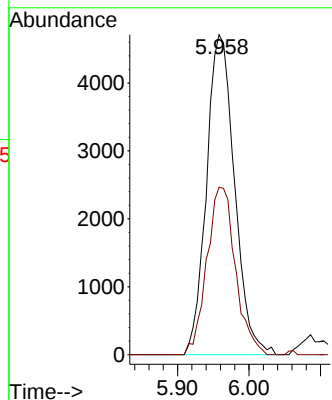
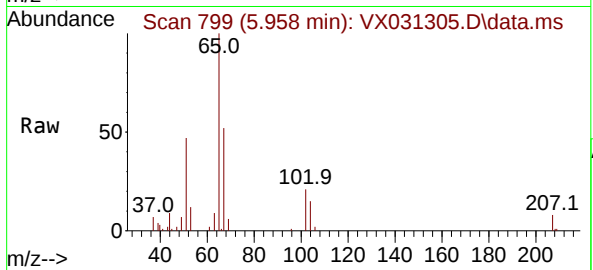
VSTDICC010

Tgt Ion: 65 Resp: 1282
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.4

Manual Integrations

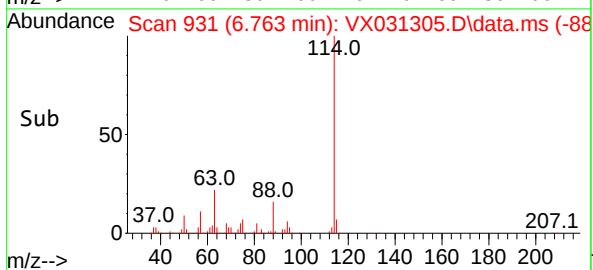
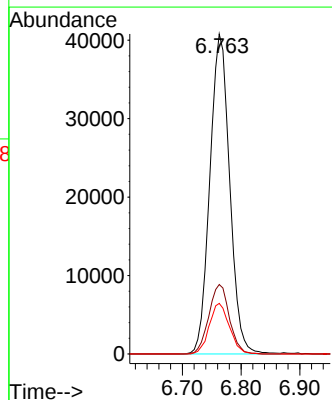
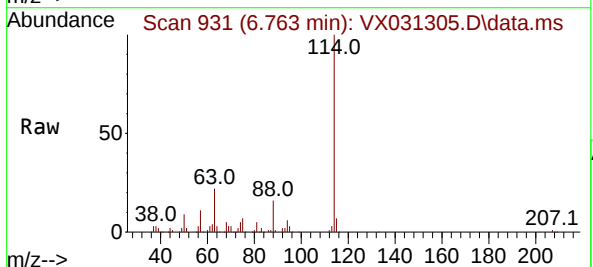
APPROVED

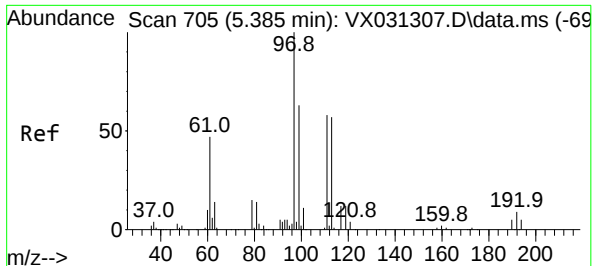
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Tgt Ion:114 Resp: 95477
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.6
88 15.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 9.224 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

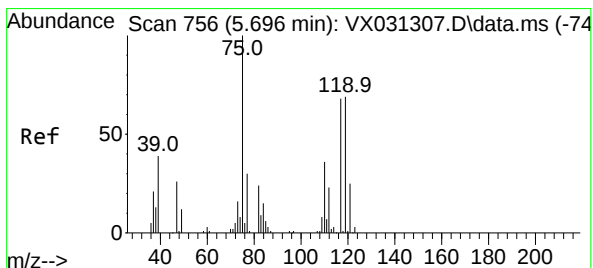
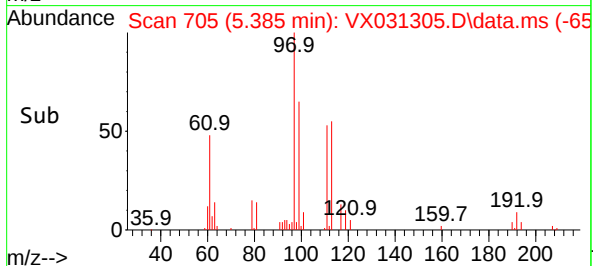
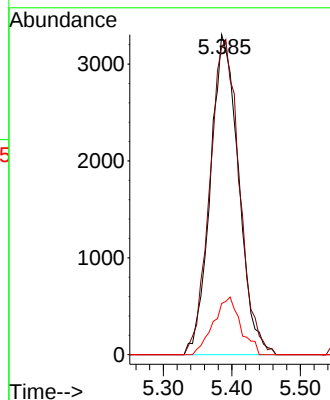
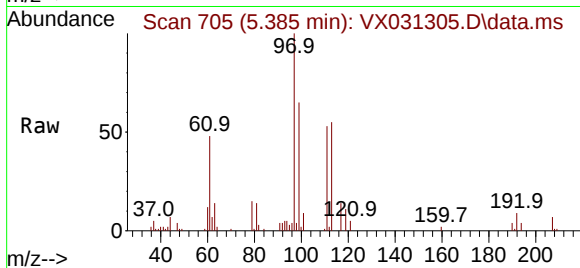
Tgt Ion:	113	Resp:	946
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	17.2	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#36

1,1-Dichloropropene

Concen: 9.550 ug/l

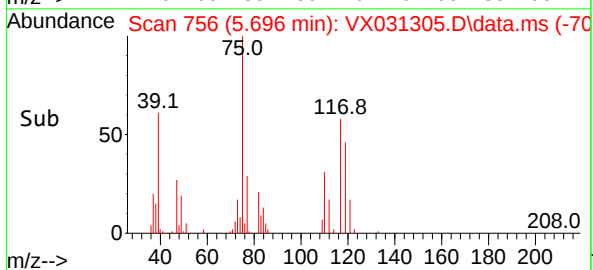
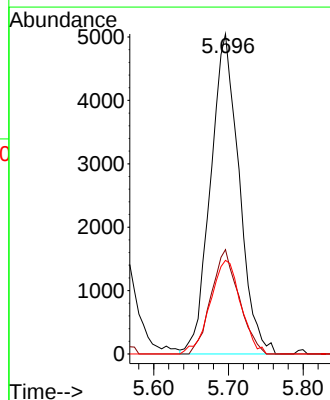
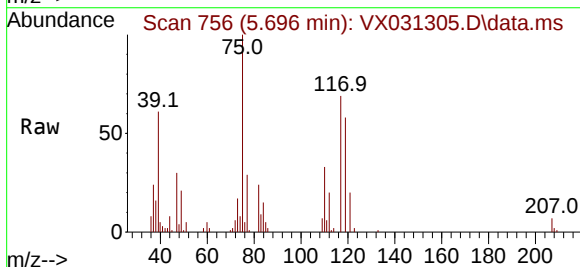
RT: 5.696 min Scan# 756

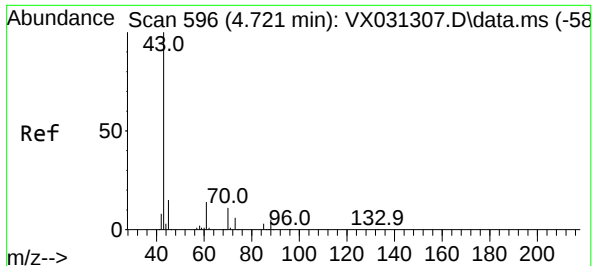
Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Tgt Ion:	75	Resp:	13415
Ion	Ratio	Lower	Upper
75	100		
110	31.9	17.5	52.5
77	31.2	24.9	37.3





#37

Ethyl Acetate

Concen: 10.104 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

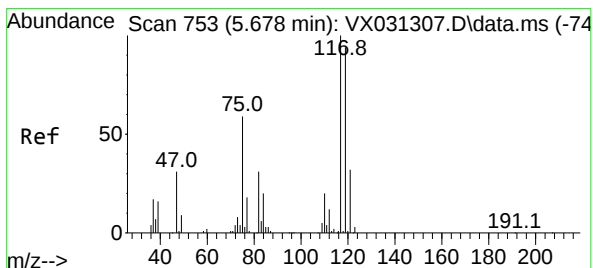
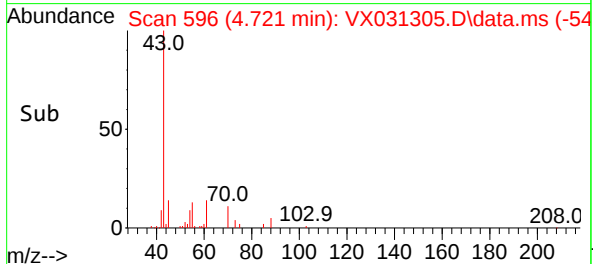
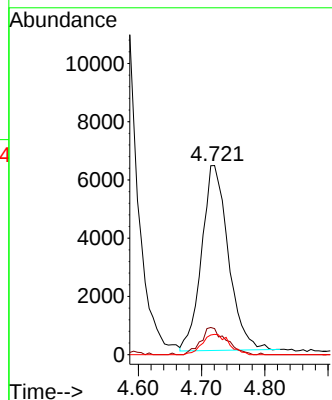
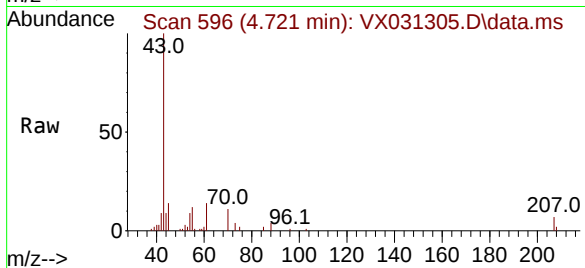
Tgt Ion:	43	Resp:	1865
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.1	16.7
70	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#38

Carbon Tetrachloride

Concen: 9.606 ug/l

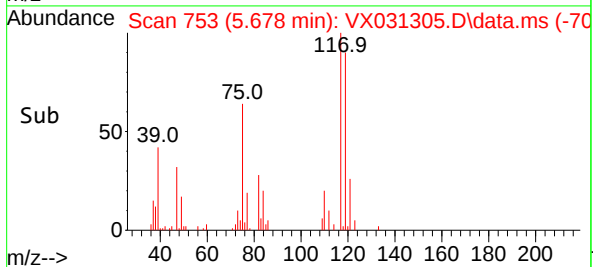
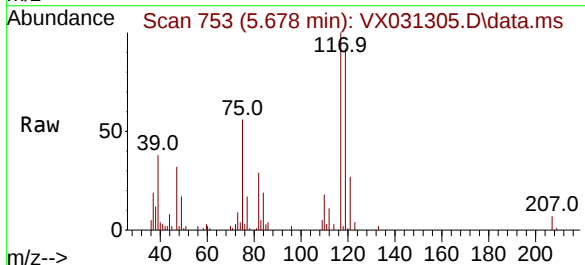
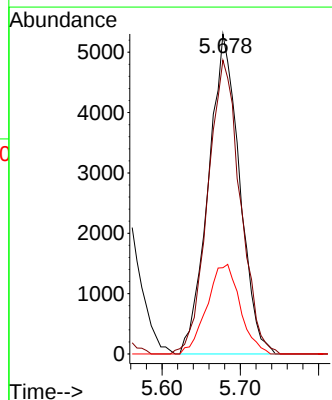
RT: 5.678 min Scan# 753

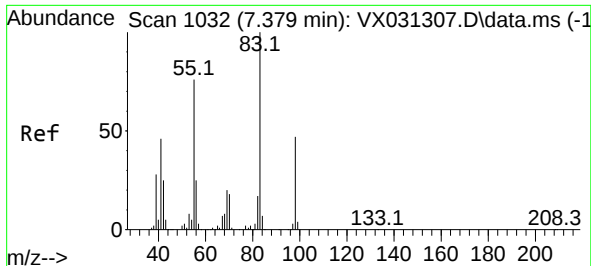
Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

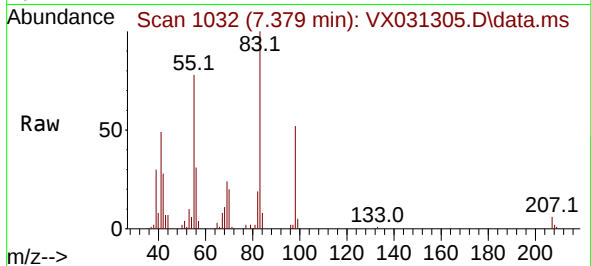
Tgt Ion:	117	Resp:	14668
Ion Ratio	Lower	Upper	
117	100		
119	91.8	74.6	112.0
121	26.9	25.3	37.9





#39
Methylcyclohexane
Concen: 9.363 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

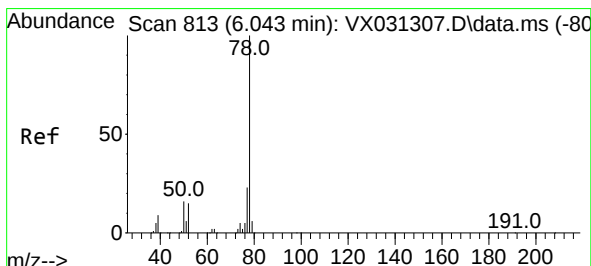
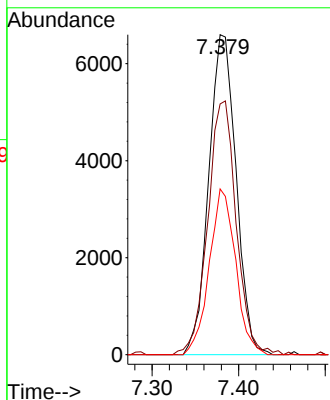
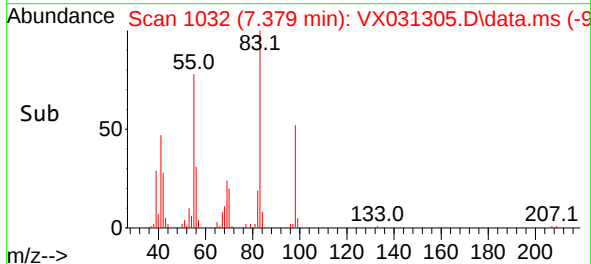
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



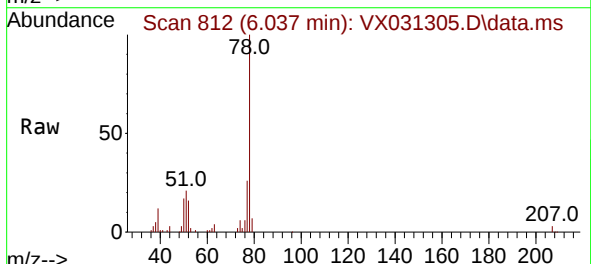
Tgt Ion: 83 Resp: 1448
Ion Ratio Lower Upper
83 100
55 77.2 61.0 91.4
98 51.8 37.7 56.5

Manual Integrations
APPROVED

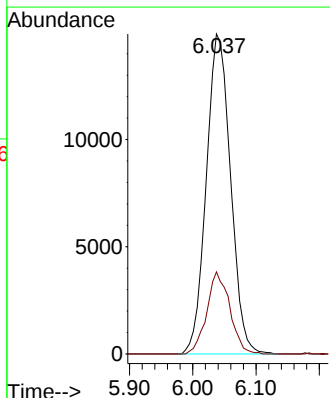
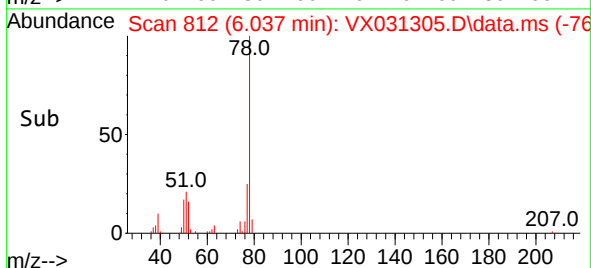
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

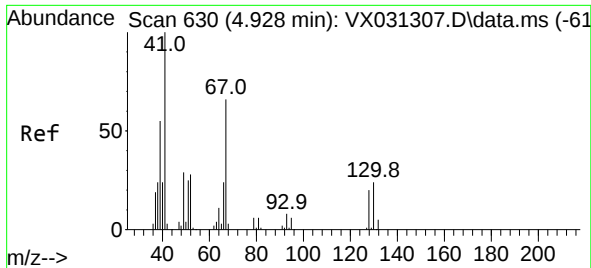


#40
Benzene
Concen: 9.864 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



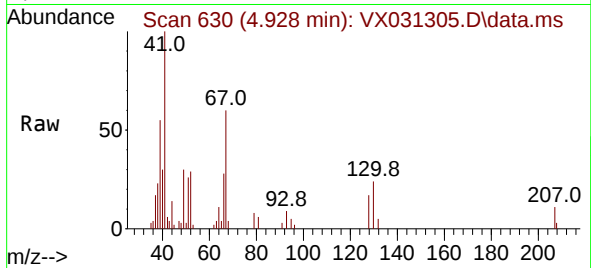
Tgt Ion: 78 Resp: 39790
Ion Ratio Lower Upper
78 100
77 25.7 18.7 28.1





#41
Methacrylonitrile
Concen: 9.933 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

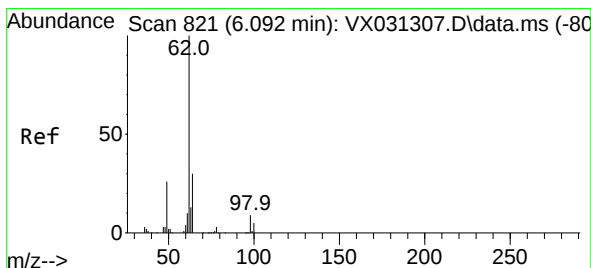
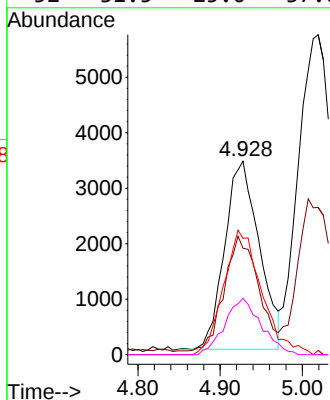
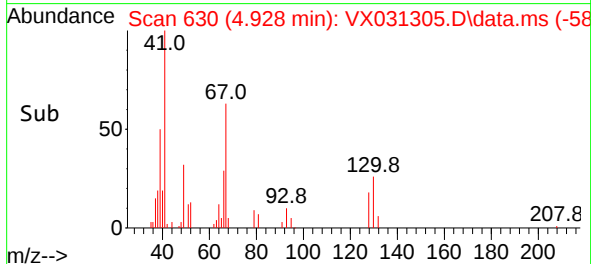
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.5	45.0	67.6
67	72.4	58.2	87.4
52	31.5	25.0	37.6

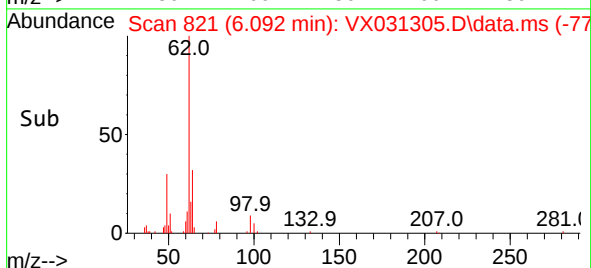
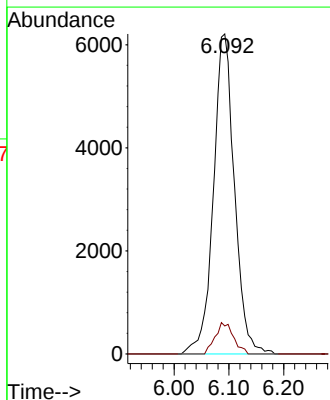
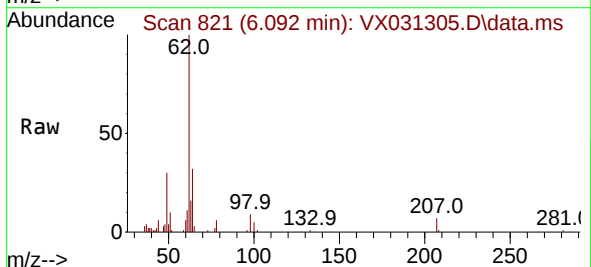
Manual Integrations
APPROVED

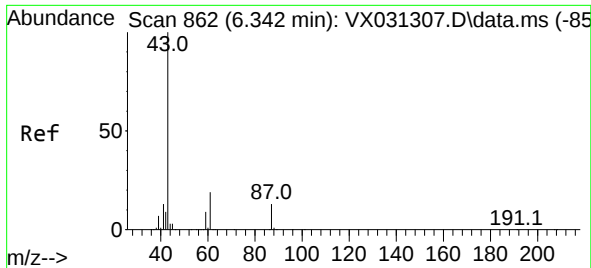
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#42
1,2-Dichloroethane
Concen: 10.184 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8





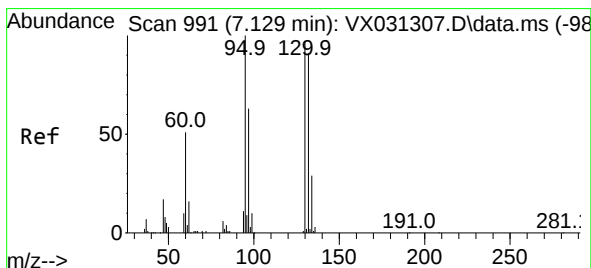
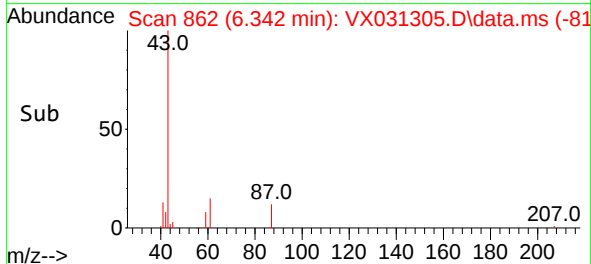
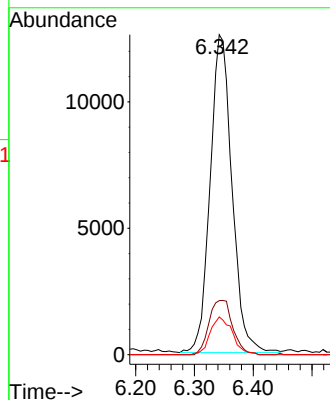
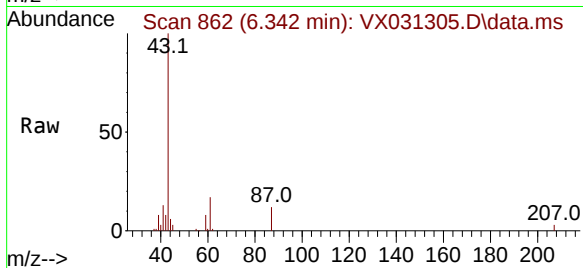
#43
Isopropyl Acetate
Concen: 10.320 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 32520
Ion Ratio Lower Upper
43 100
61 18.4 15.3 22.9
87 12.0 10.6 15.8

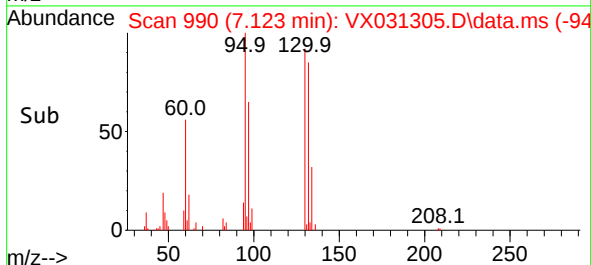
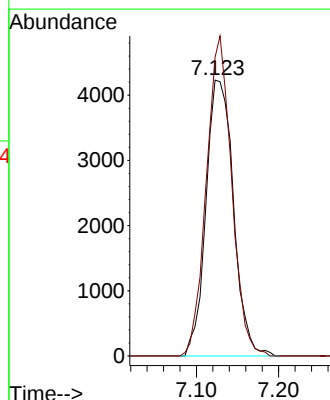
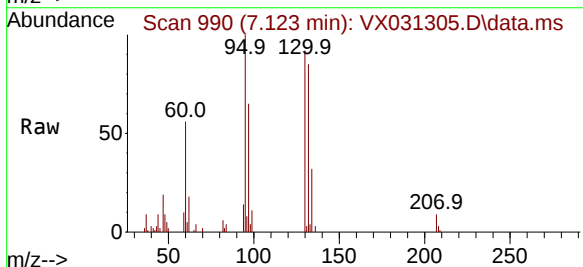
Manual Integrations
APPROVED

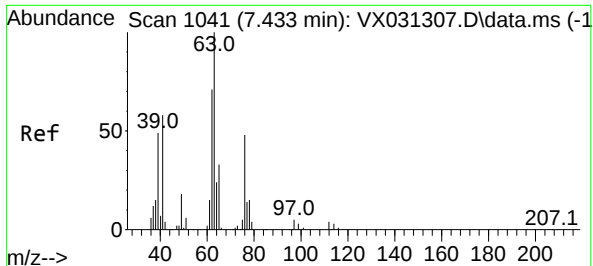
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#44
Trichloroethene
Concen: 9.559 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Tgt Ion:130 Resp: 9831
Ion Ratio Lower Upper
130 100
95 108.2 0.0 206.8





#45

1,2-Dichloropropane

Concen: 10.200 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 11264

Ion Ratio Lower Upper

63 100

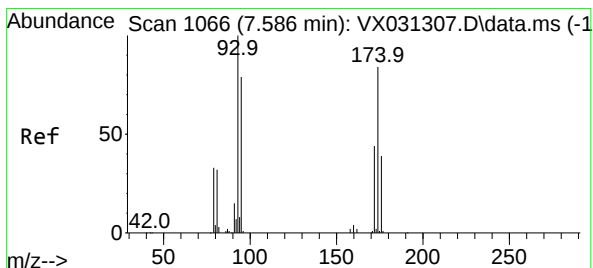
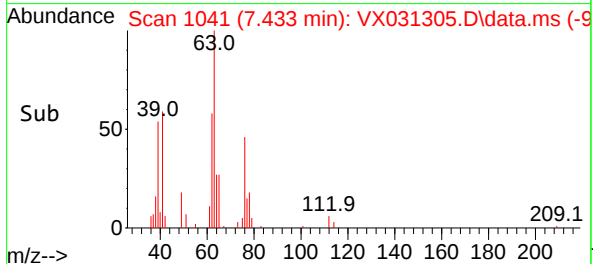
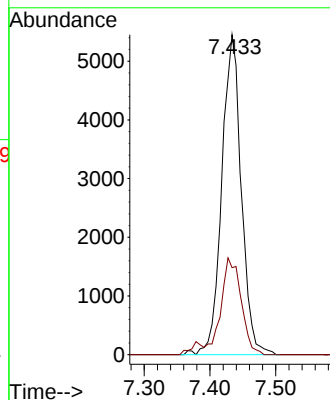
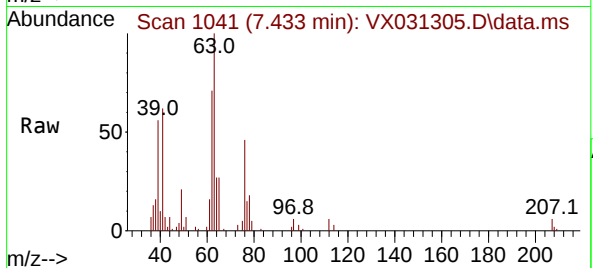
65 27.2 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#46

Dibromomethane

Concen: 10.030 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

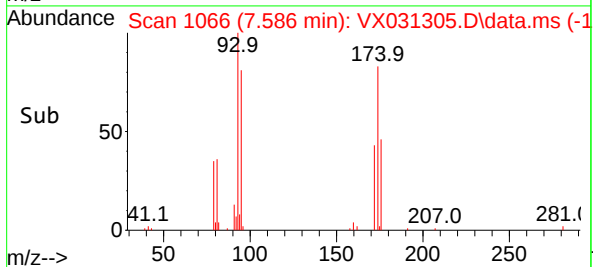
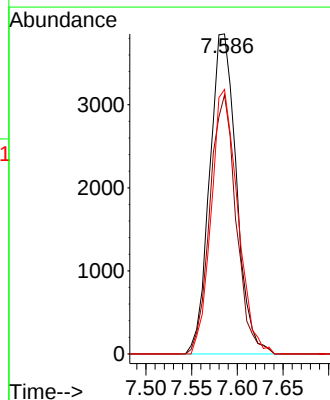
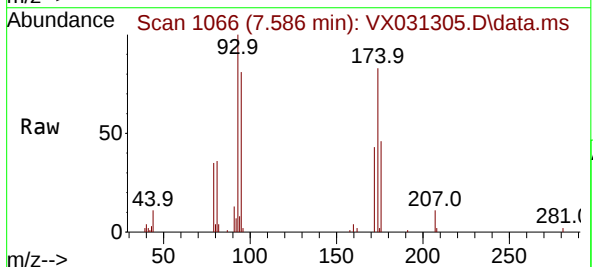
Tgt Ion: 93 Resp: 7855

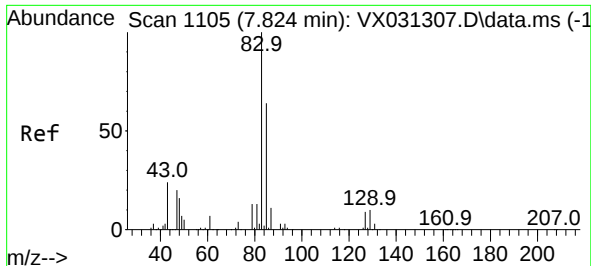
Ion Ratio Lower Upper

93 100

95 79.1 65.5 98.3

174 81.8 67.6 101.4





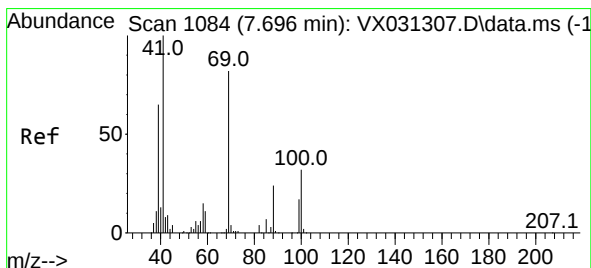
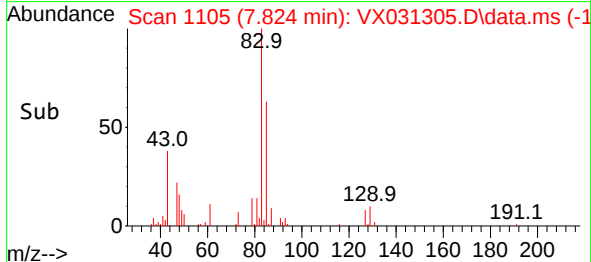
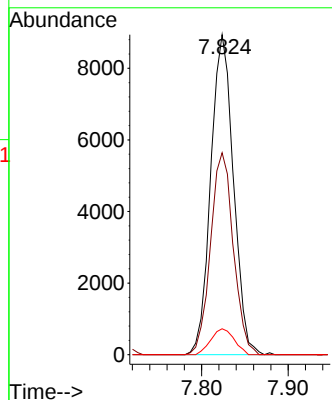
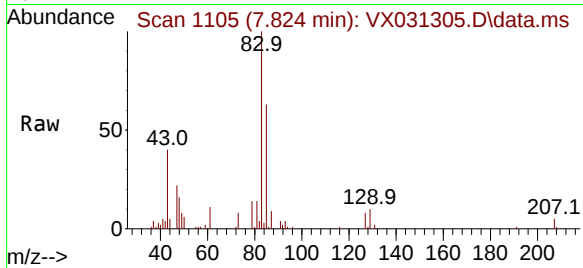
#47
Bromodichloromethane
Concen: 9.985 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 1626
Ion Ratio Lower Upper
83 100
85 63.1 51.0 76.6
127 8.1 7.0 10.6

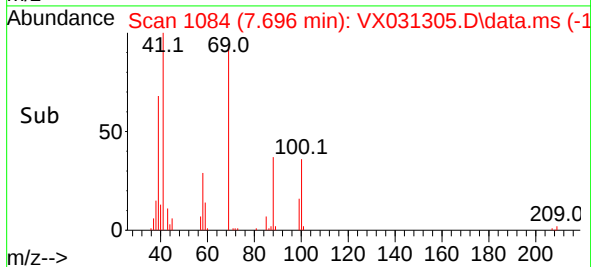
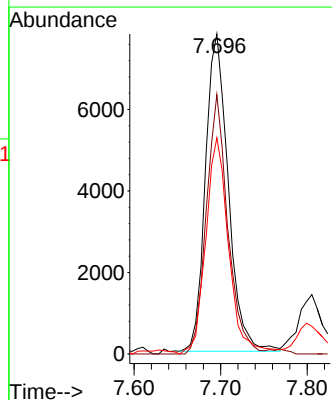
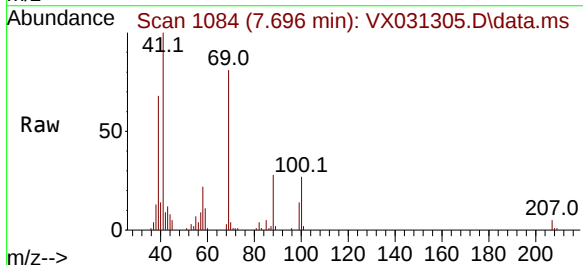
Manual Integrations
APPROVED

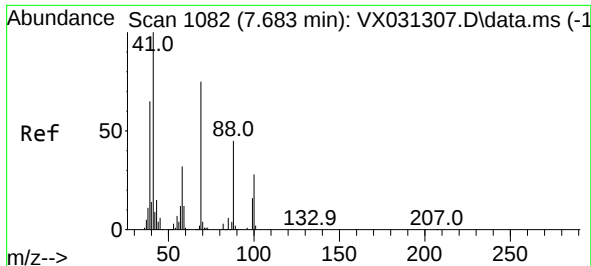
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#48
Methyl methacrylate
Concen: 9.932 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Tgt Ion: 41 Resp: 14247
Ion Ratio Lower Upper
41 100
69 77.0 64.6 96.8
39 68.5 51.4 77.0





#49

1,4-Dioxane

Concen: 234.604 ug/l

RT: 7.690 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

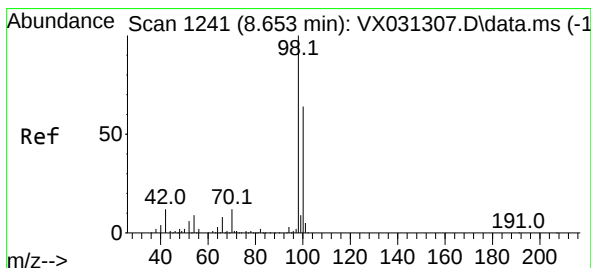
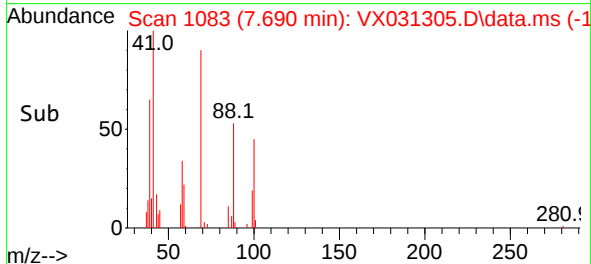
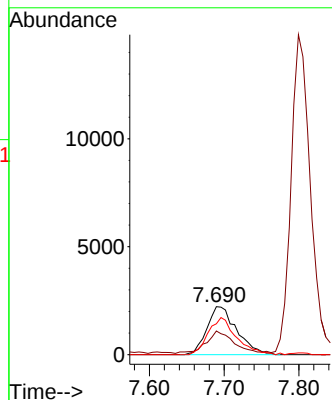
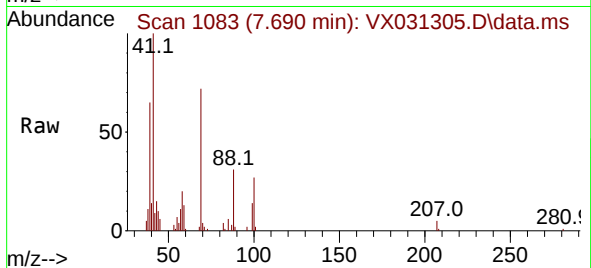
Tgt Ion: 88 Resp: 6149
 Ion Ratio Lower Upper
 88 100
 43 42.1 27.1 40.7
 58 72.8 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carbone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#50

Toluene-d8

Concen: 8.778 ug/l

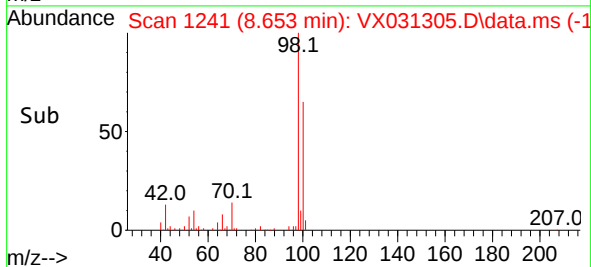
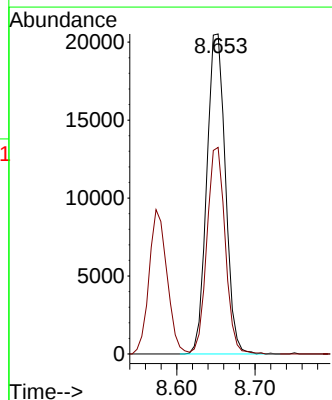
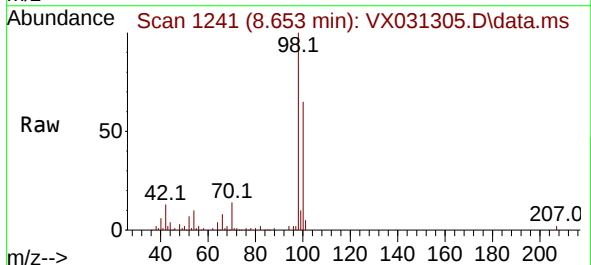
RT: 8.653 min Scan# 1241

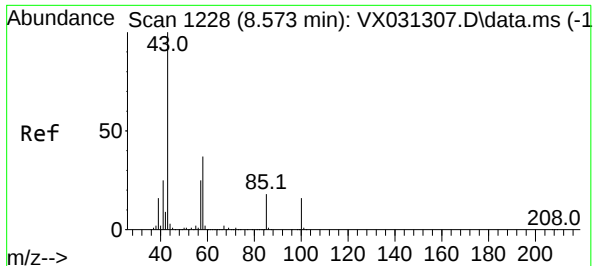
Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

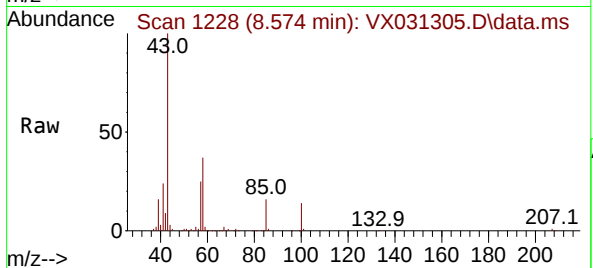
Tgt Ion: 98 Resp: 33794
 Ion Ratio Lower Upper
 98 100
 100 63.4 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 52.539 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

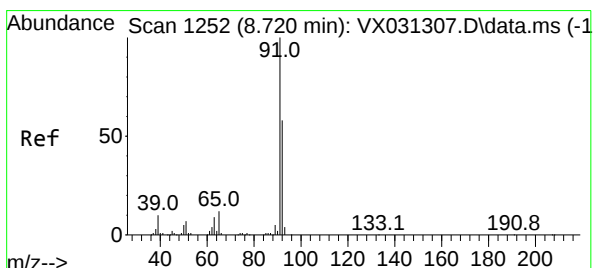
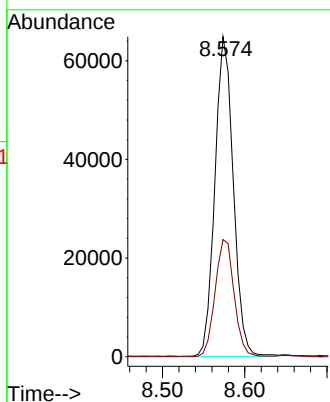
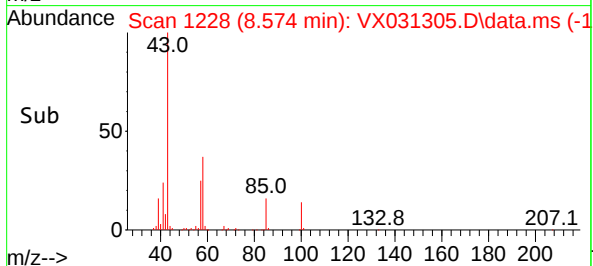
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



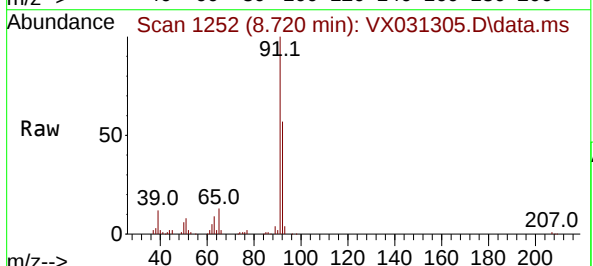
Tgt Ion: 43 Resp: 100630
Ion Ratio Lower Upper
43 100
58 37.9 30.6 46.0

Manual Integrations
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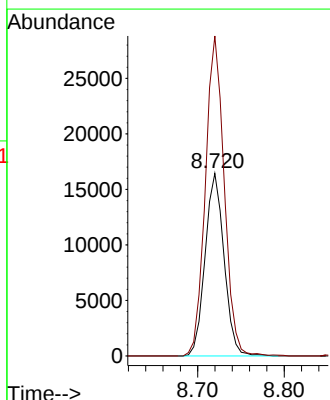
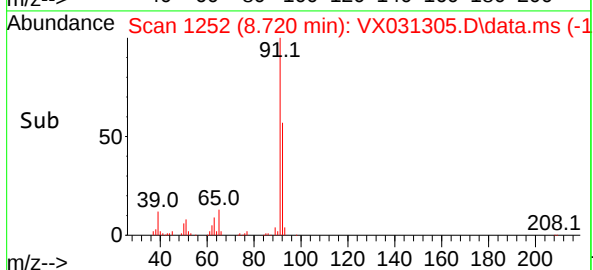
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

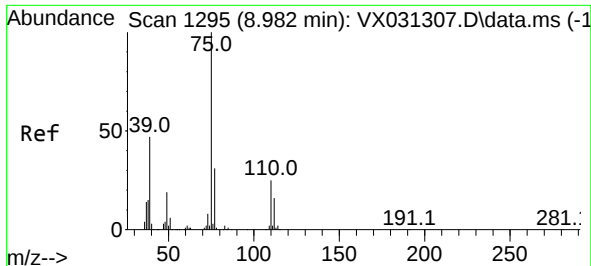


#52
Toluene
Concen: 9.786 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



Tgt Ion: 92 Resp: 24971
Ion Ratio Lower Upper
92 100
91 174.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 10.075 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 75 Resp: 18469

Ion Ratio Lower Upper

75 100

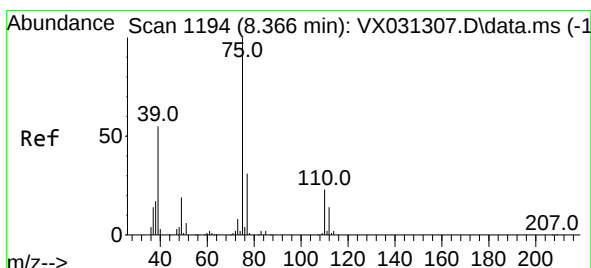
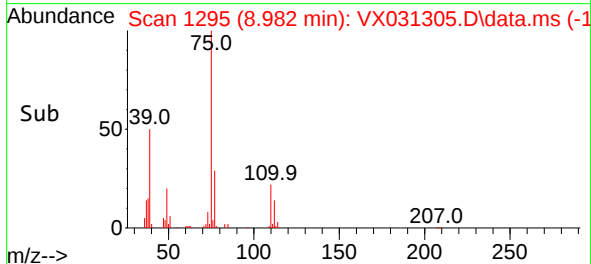
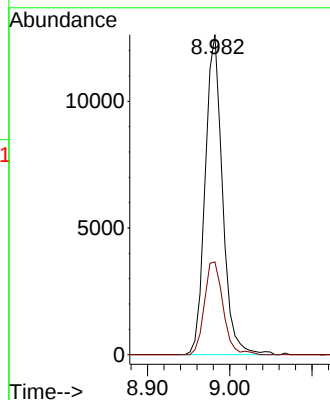
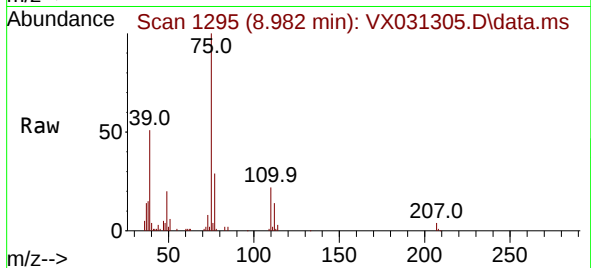
77 29.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#54

cis-1,3-Dichloropropene

Concen: 9.819 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

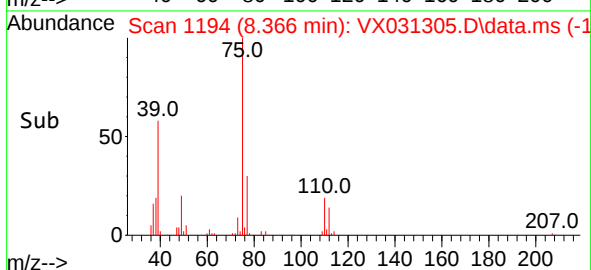
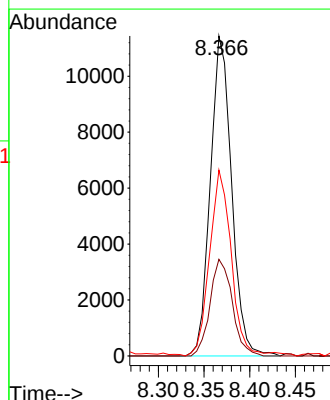
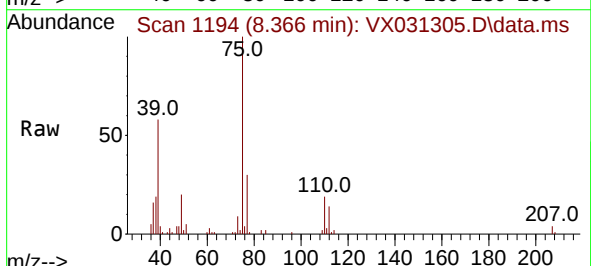
Tgt Ion: 75 Resp: 18498

Ion Ratio Lower Upper

75 100

77 30.2 24.4 36.6

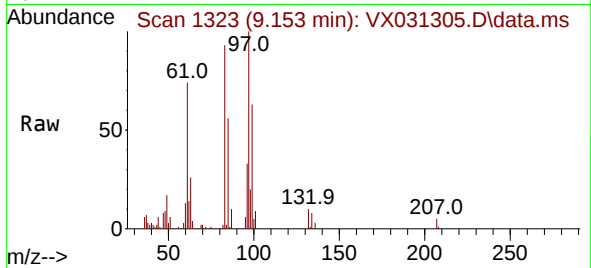
39 57.7 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 10.213 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

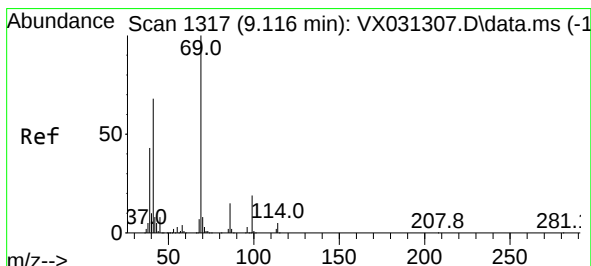
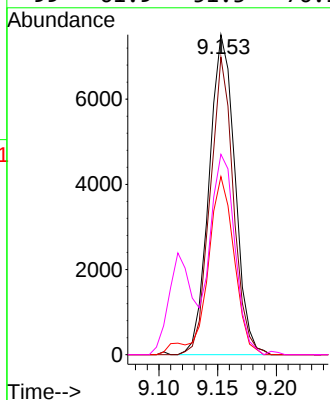
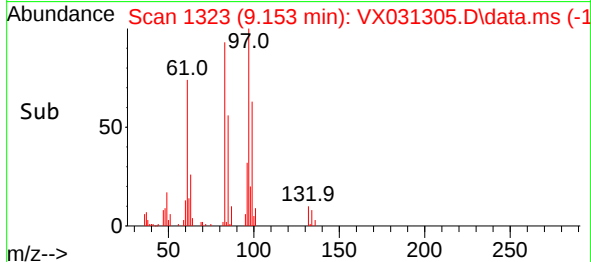
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



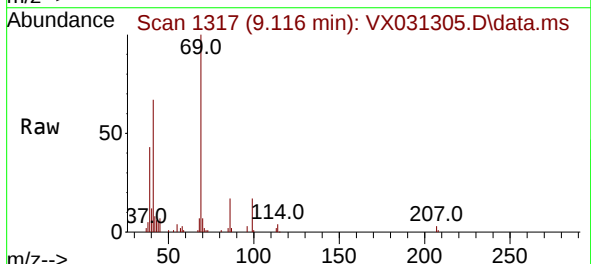
Tgt Ion:	97	Resp:	11504
Ion	Ratio	Lower	Upper
97	100		
83	93.0	69.0	103.6
85	55.7	44.1	66.1
99	61.9	51.3	76.9

Manual Integrations
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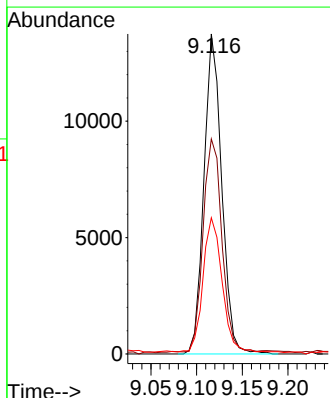
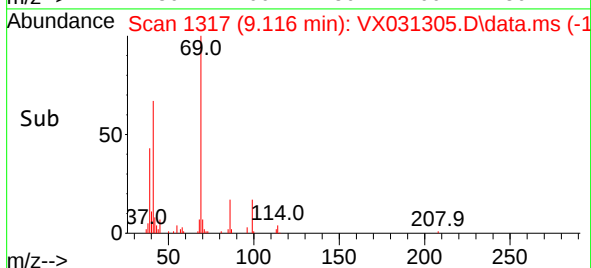
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

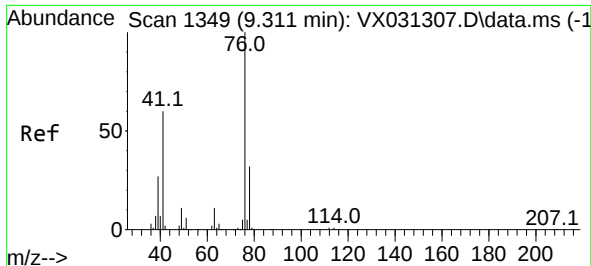


#56
Ethyl methacrylate
Concen: 10.179 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



Tgt Ion:	69	Resp:	18562
Ion	Ratio	Lower	Upper
69	100		
41	70.6	54.2	81.4
39	45.9	34.2	51.2





#57

1,3-Dichloropropane

Concen: 10.203 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 19749

Ion Ratio Lower Upper

76 100

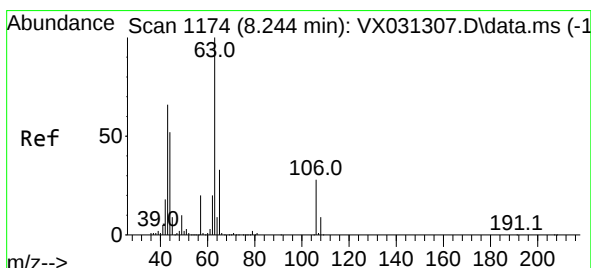
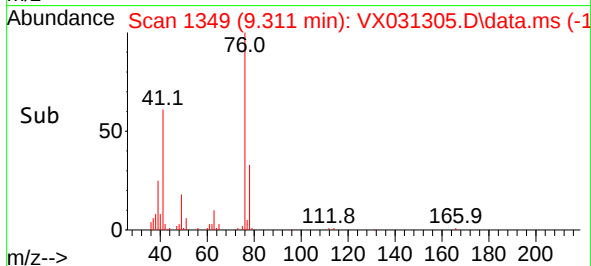
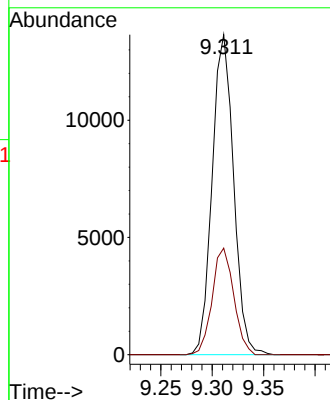
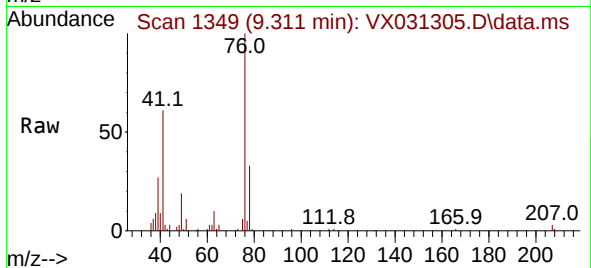
78 33.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 50.858 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031305.D

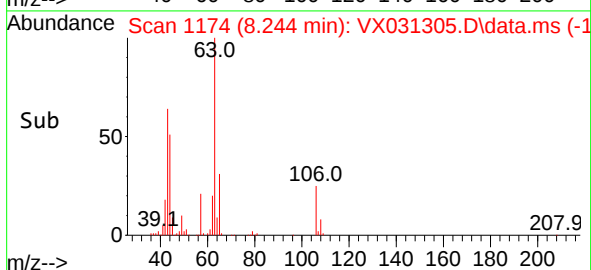
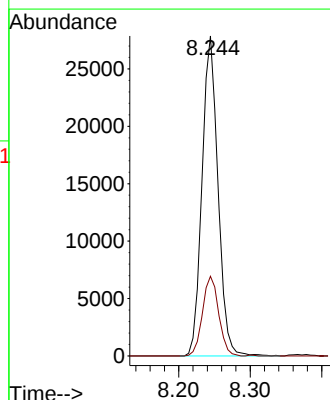
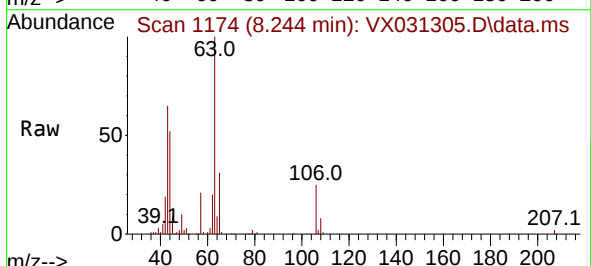
Acq: 14 Sep 2022 13:12

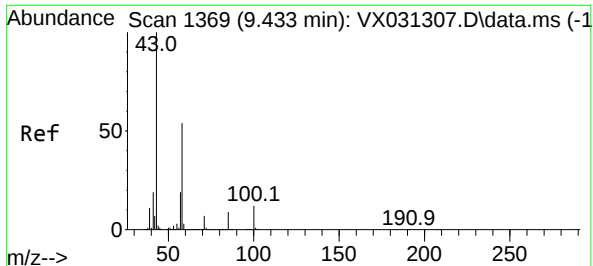
Tgt Ion: 63 Resp: 43210

Ion Ratio Lower Upper

63 100

106 25.2 22.6 34.0





#59

2-Hexanone

Concen: 52.529 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 7678

Ion Ratio Lower Upper

43 100

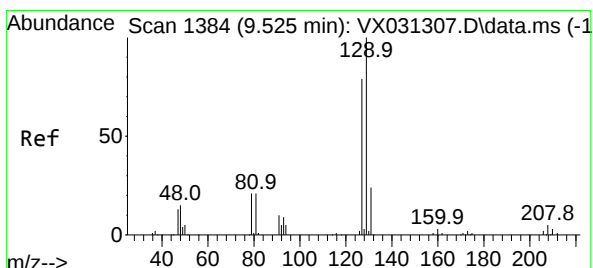
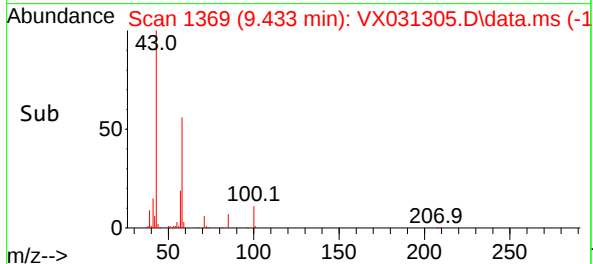
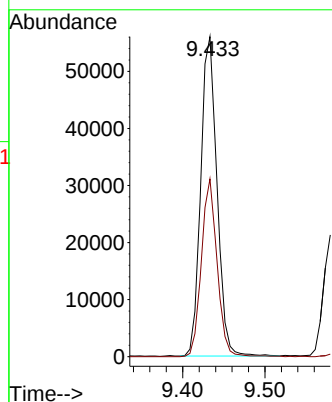
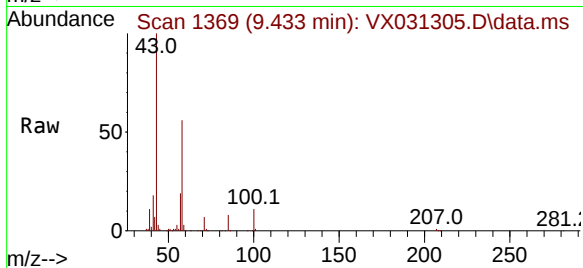
58 53.8 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#60

Dibromochloromethane

Concen: 9.699 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX031305.D

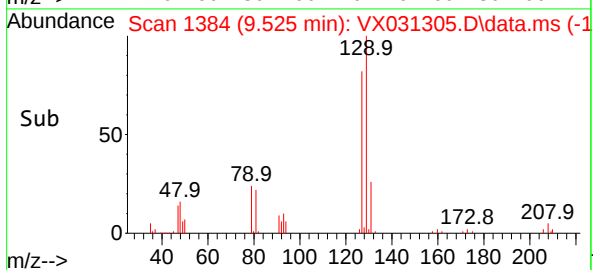
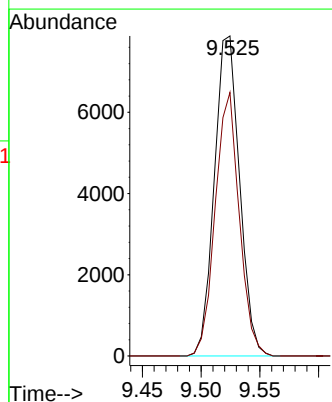
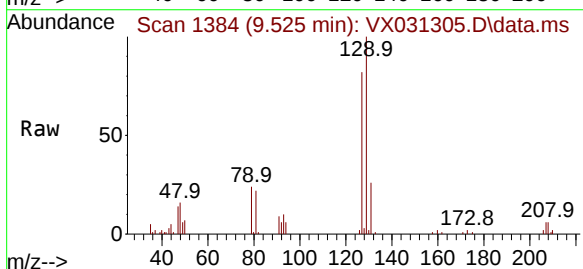
Acq: 14 Sep 2022 13:12

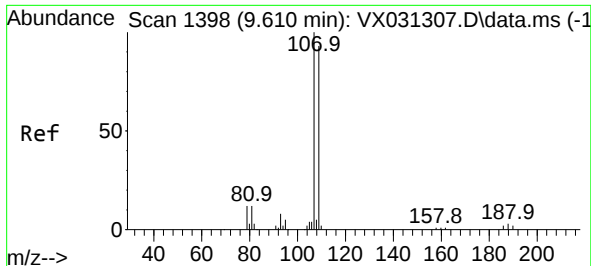
Tgt Ion:129 Resp: 11778

Ion Ratio Lower Upper

129 100

127 78.6 38.7 116.1





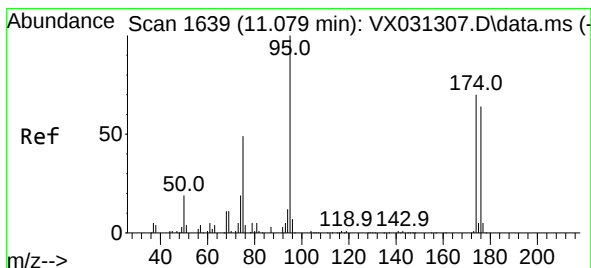
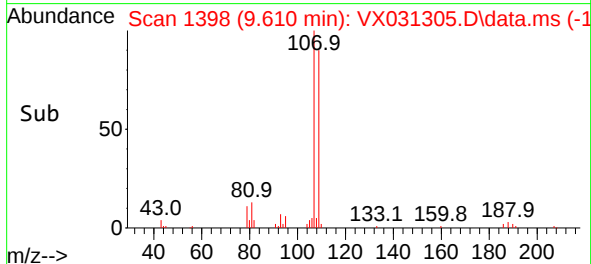
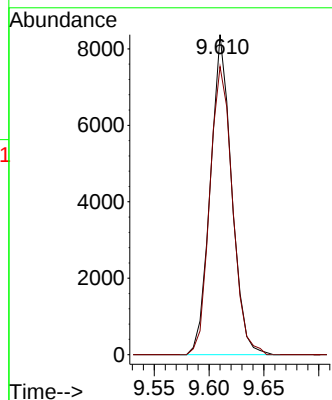
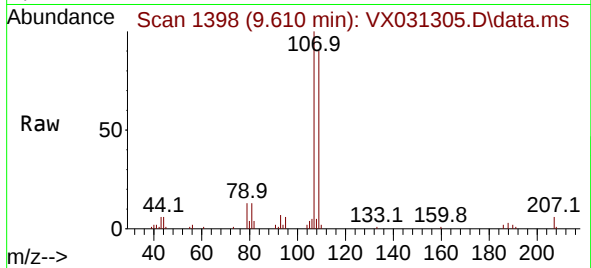
#61
1,2-Dibromoethane
Concen: 9.770 ug/l
RT: 9.610 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 1129
Ion Ratio Lower Upper
107 100
109 95.8 74.2 111.4

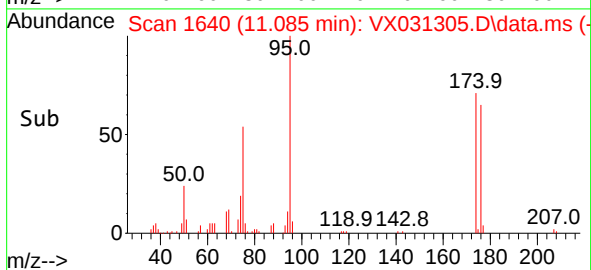
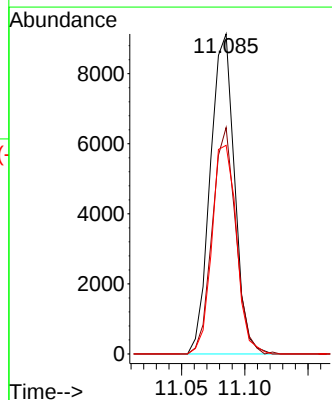
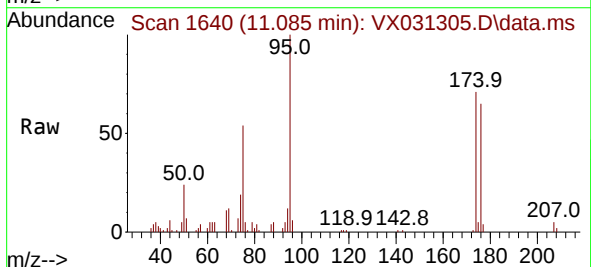
Manual Integrations
APPROVED

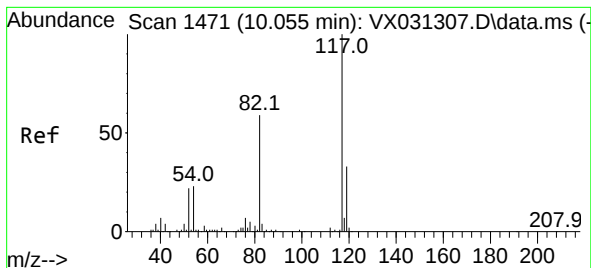
Reviewed By :John Carbone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#62
4-Bromofluorobenzene
Concen: 8.642 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

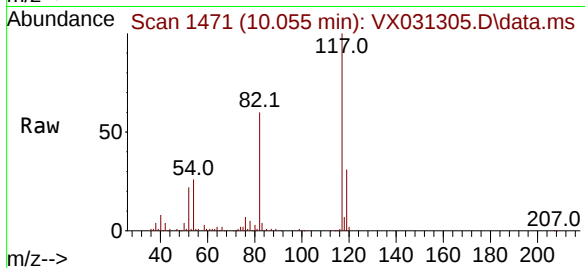
Tgt Ion: 95 Resp: 12184
Ion Ratio Lower Upper
95 100
174 68.6 0.0 153.2
176 66.1 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

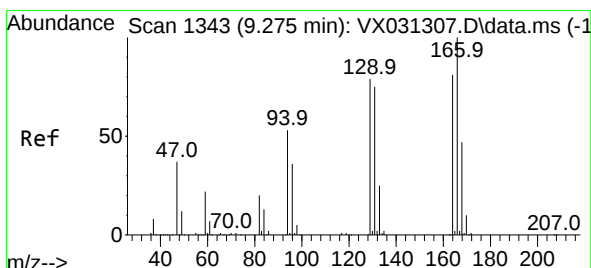
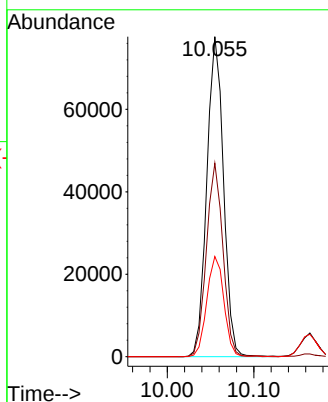
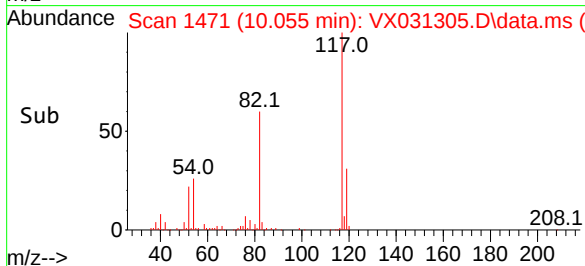
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 103729
Ion Ratio Lower Upper
117 100
82 60.4 46.8 70.2
119 31.3 26.4 39.6

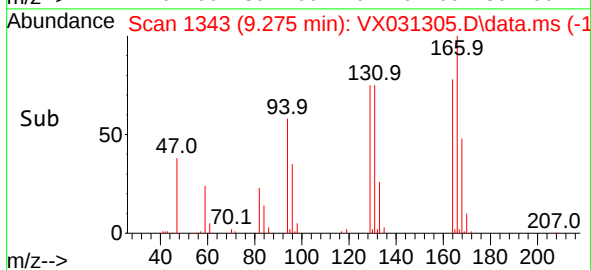
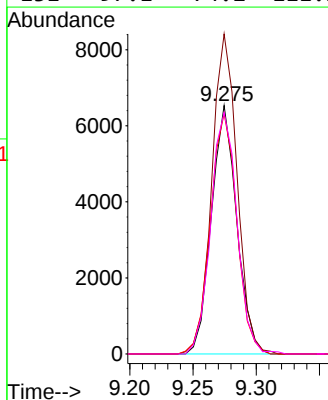
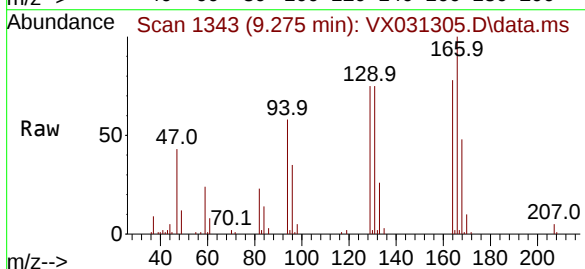
Manual Integrations
APPROVED

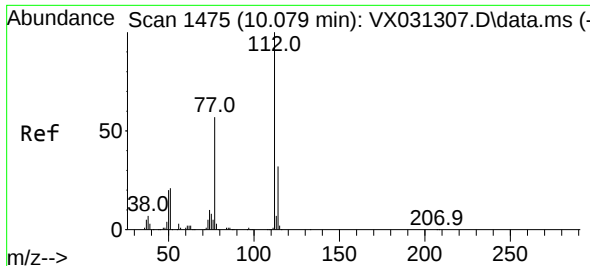
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#64
Tetrachloroethene
Concen: 9.576 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

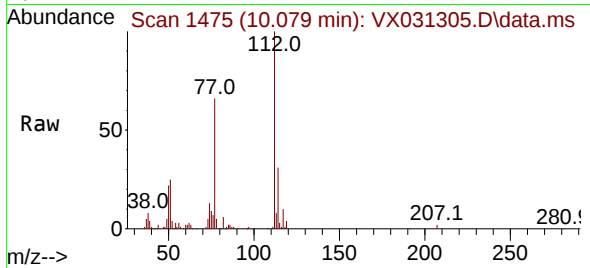
Tgt Ion:164 Resp: 9082
Ion Ratio Lower Upper
164 100
166 128.7 99.0 148.4
129 96.7 78.0 117.0
131 97.1 74.2 111.2





#65
Chlorobenzene
Concen: 9.769 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

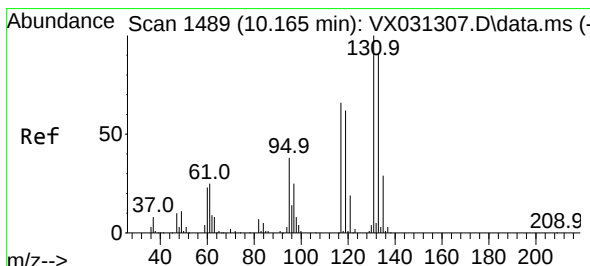
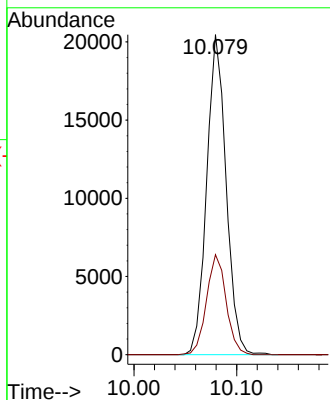
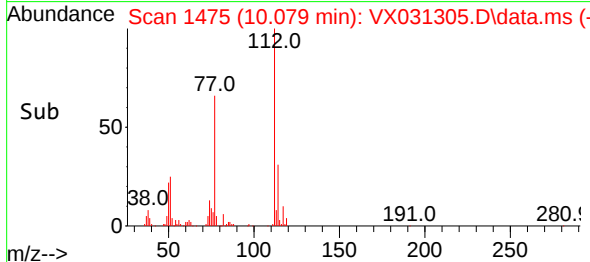
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



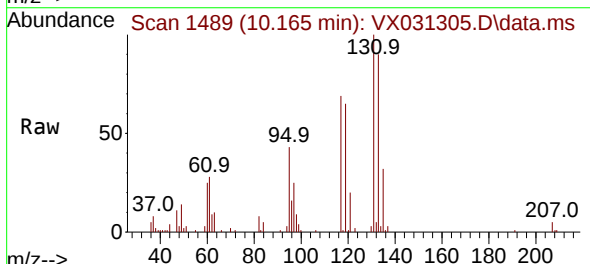
Tgt Ion:112 Resp: 2683
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

Manual Integrations
APPROVED

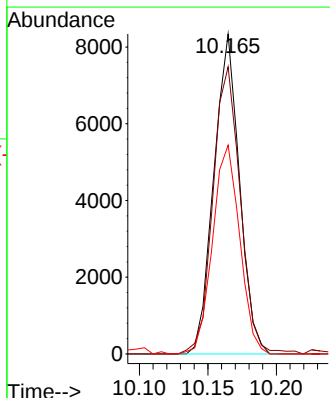
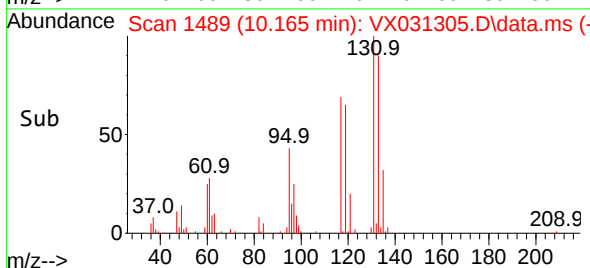
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

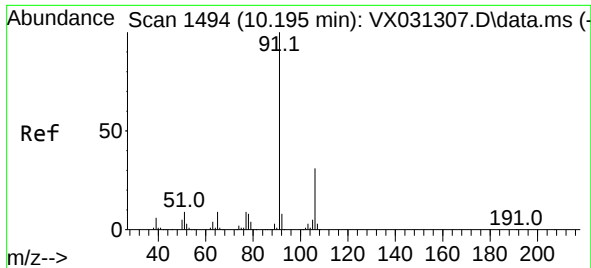


#66
1,1,1,2-Tetrachloroethane
Concen: 10.016 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



Tgt Ion:131 Resp: 10841
Ion Ratio Lower Upper
131 100
133 95.8 46.6 139.7
119 69.0 31.9 95.9





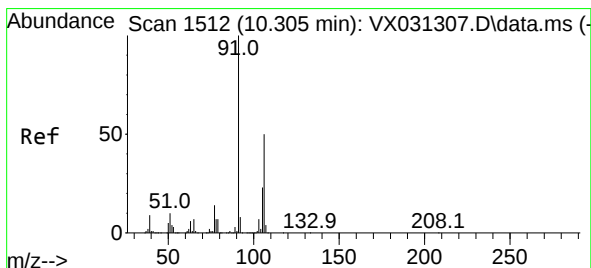
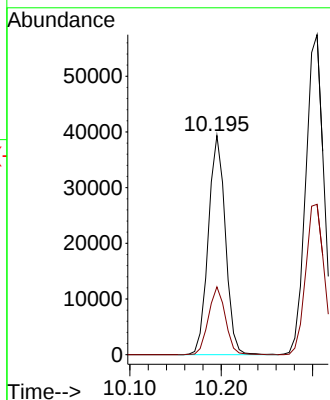
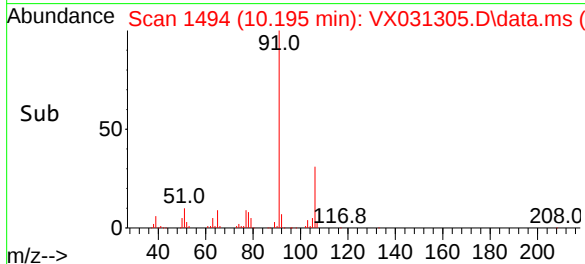
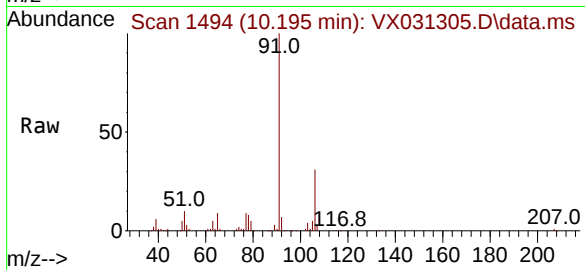
#67
Ethyl Benzene
Concen: 10.204 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 5077
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8

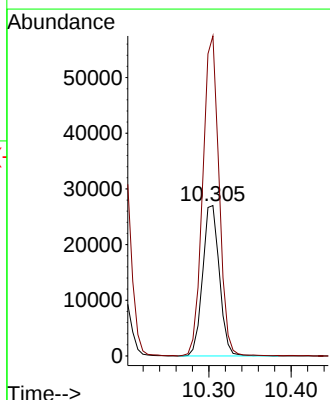
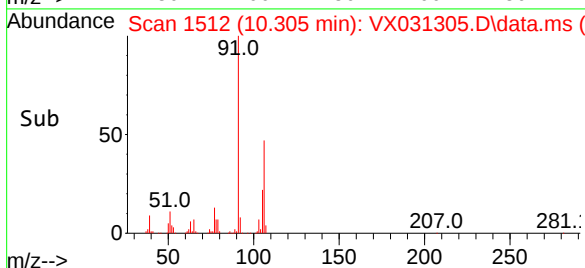
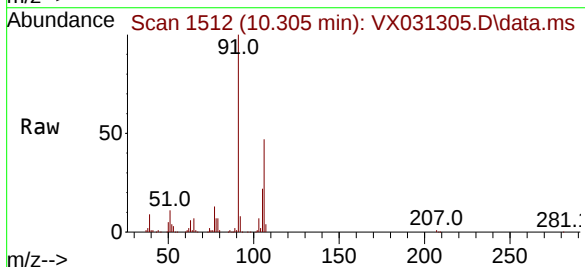
Manual Integrations
APPROVED

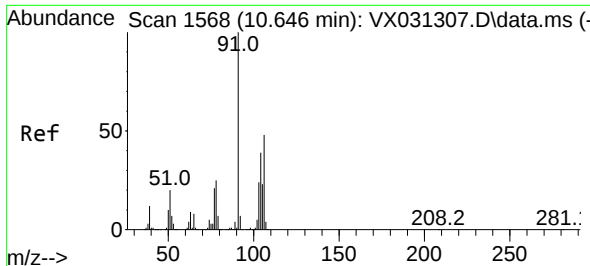
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#68
m/p-Xylenes
Concen: 20.191 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

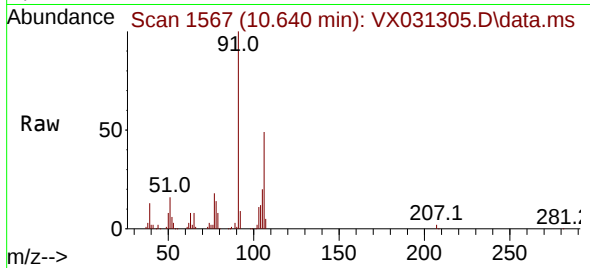
Tgt Ion:106 Resp: 38150
Ion Ratio Lower Upper
106 100
91 207.7 161.0 241.4





#69
o-Xylene
Concen: 9.805 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

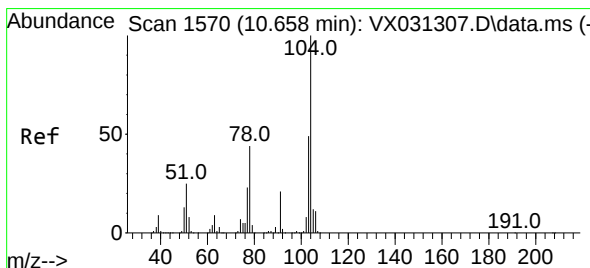
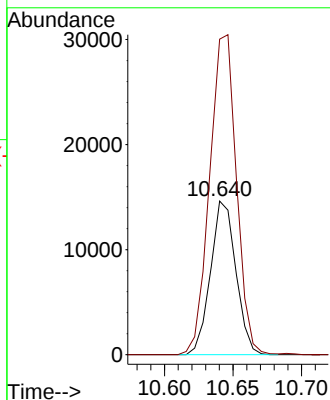
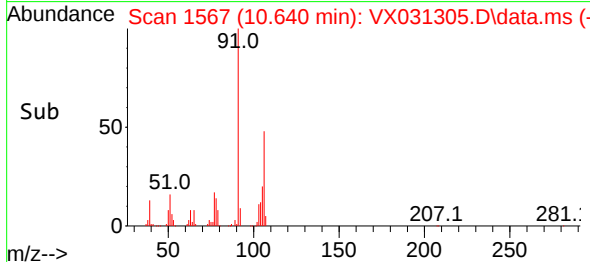
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion:106 Resp: 18810
Ion Ratio Lower Upper
106 100
91 220.7 107.2 321.6

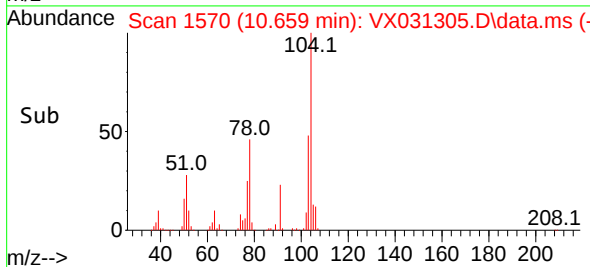
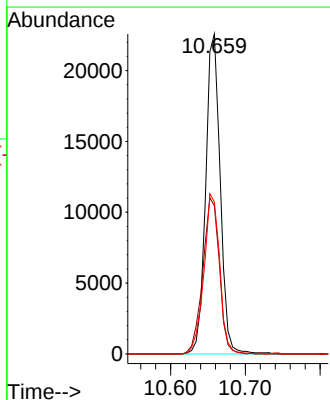
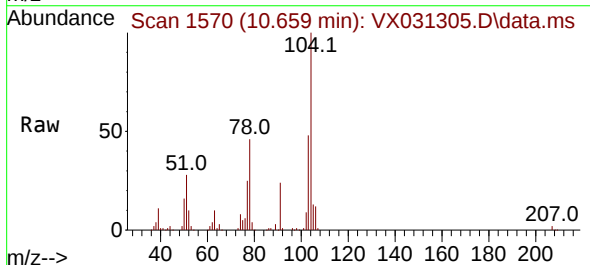
Manual Integrations
APPROVED

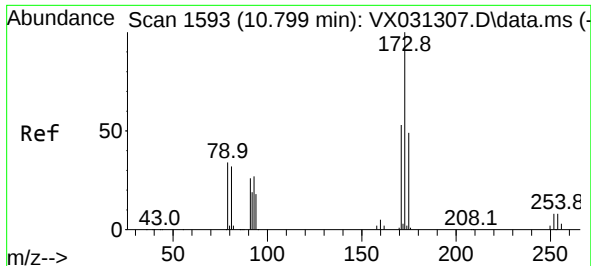
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#70
Styrene
Concen: 9.784 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

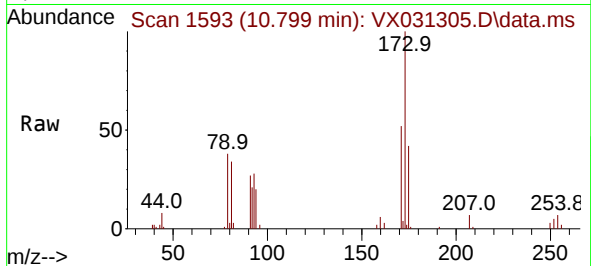
Tgt Ion:104 Resp: 30533
Ion Ratio Lower Upper
104 100
78 55.6 41.4 62.2
103 54.3 43.8 65.8





#71
Bromoform
Concen: 9.670 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

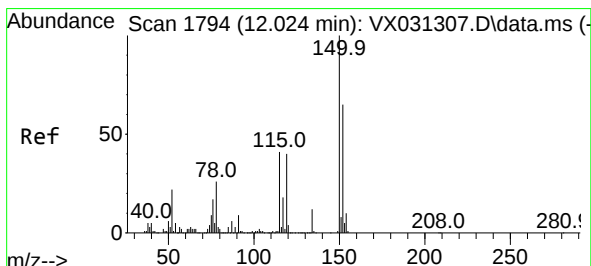
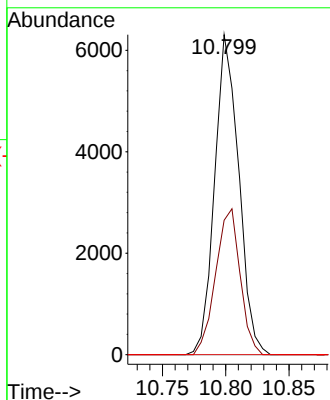
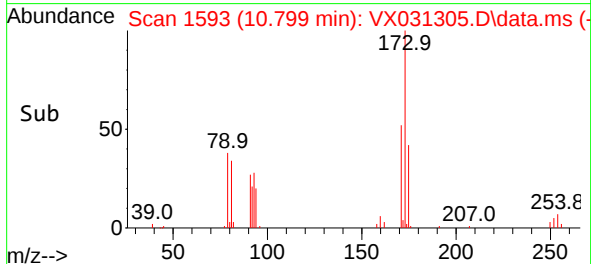
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



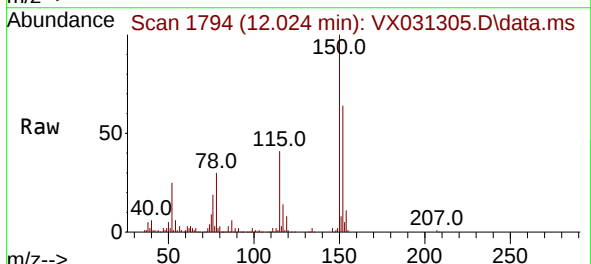
Tgt Ion:173 Resp: 833
Ion Ratio Lower Upper
173 100
175 46.4 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

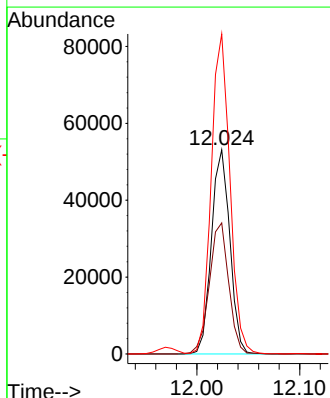
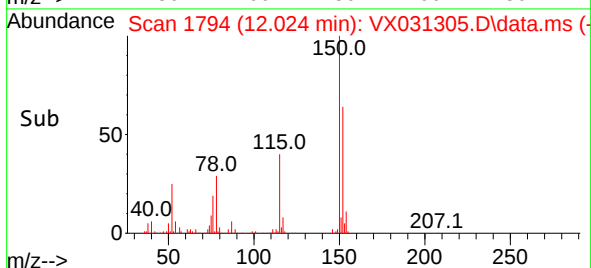
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

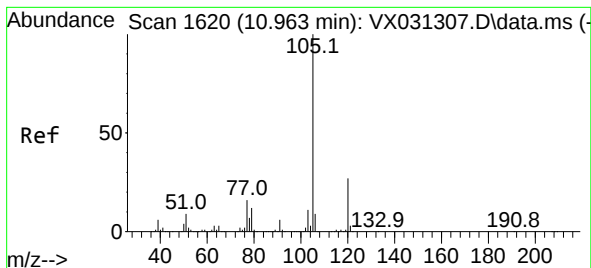


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



Tgt Ion:152 Resp: 65923
Ion Ratio Lower Upper
152 100
115 67.6 43.4 130.1
150 159.0 0.0 346.8





#73

Isopropylbenzene

Concen: 10.063 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

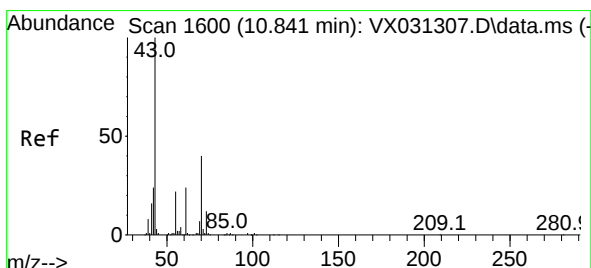
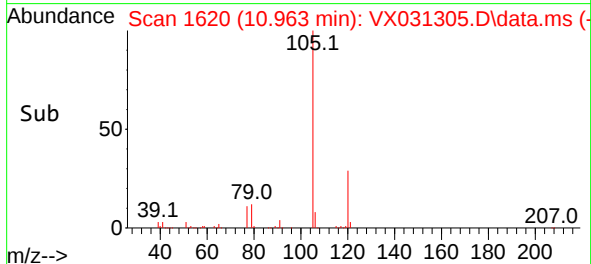
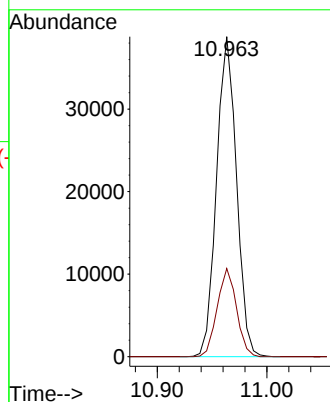
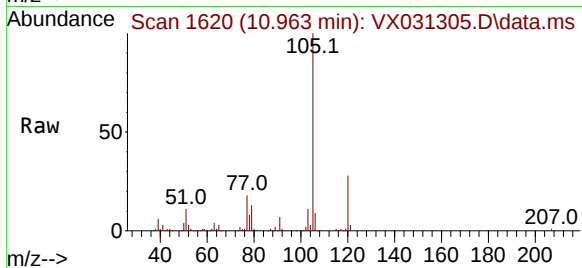
Tgt Ion: 105 Resp: 48990
 Ion Ratio Lower Upper
 105 100
 120 26.6 13.7 41.0

Manual Integrations

APPROVED

Reviewed By : John Carlone 09/15/2022

Supervised By : Mahesh Dadoda 09/15/2022



#74

N-ethyl acetate

Concen: 10.599 ug/l

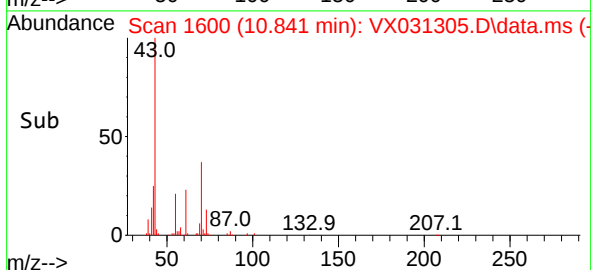
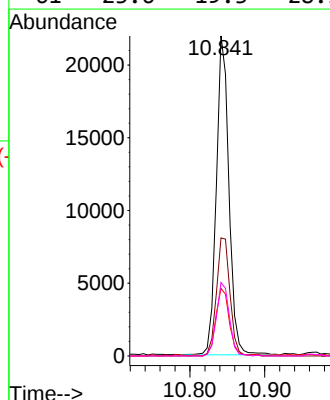
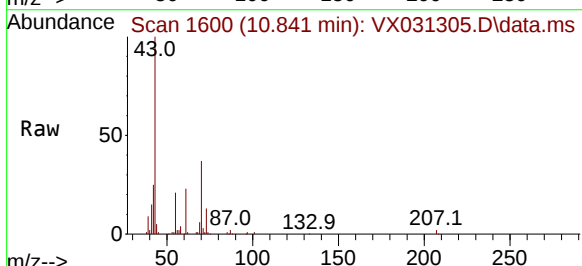
RT: 10.841 min Scan# 1600

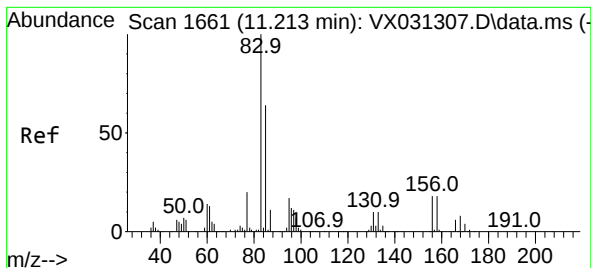
Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Tgt Ion: 43 Resp: 25657
 Ion Ratio Lower Upper
 43 100
 70 39.8 33.4 50.2
 55 22.7 18.2 27.2
 61 23.6 19.3 28.9





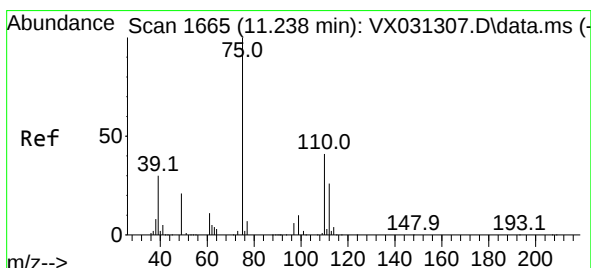
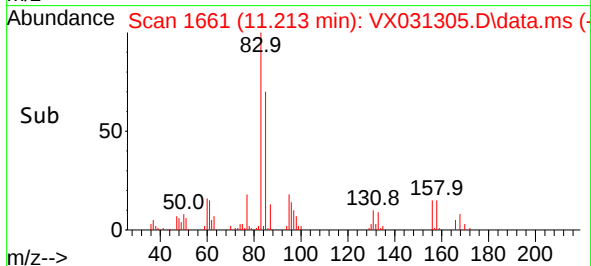
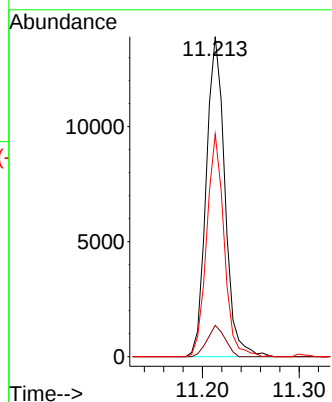
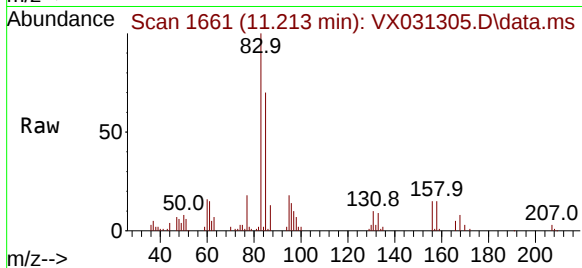
#75
1,1,2,2-Tetrachloroethane
Concen: 10.673 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 18670
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.4
85 65.0 32.6 97.8

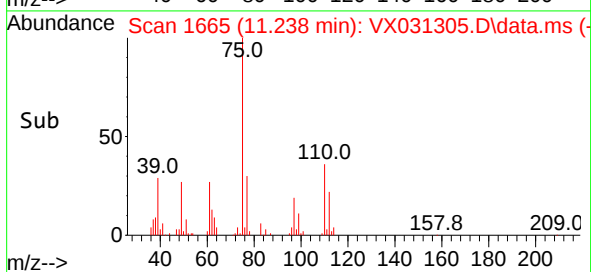
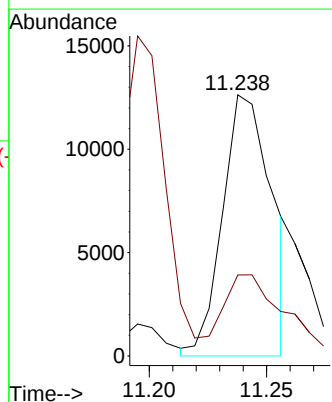
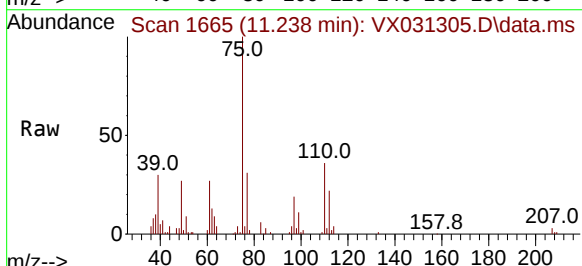
Manual Integrations
APPROVED

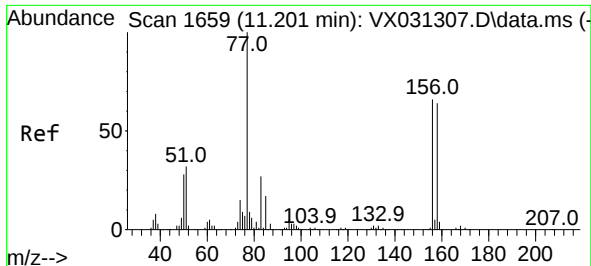
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#76
1,2,3-Trichloropropane
Concen: 10.139 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

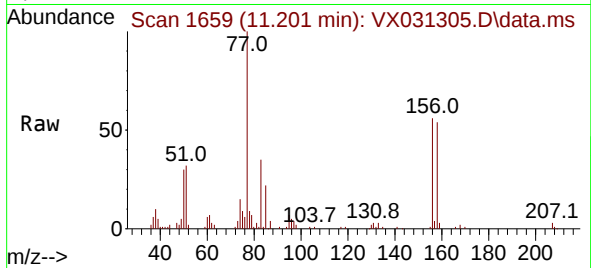
Tgt Ion: 75 Resp: 18386
Ion Ratio Lower Upper
75 100
77 39.6 20.3 60.9





#77
Bromobenzene
Concen: 9.685 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

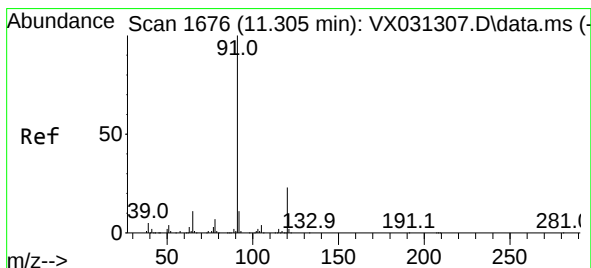
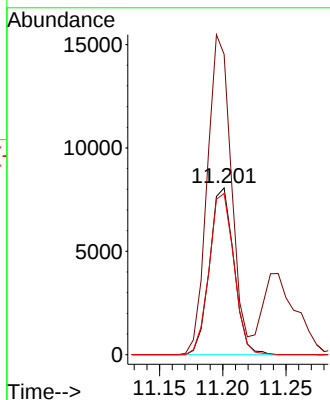
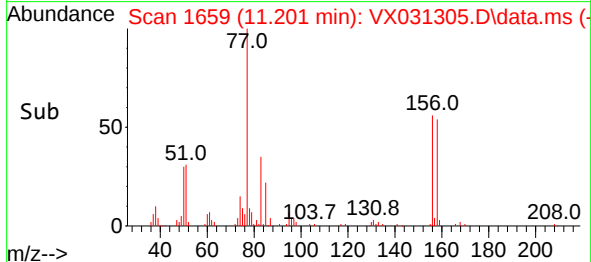
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



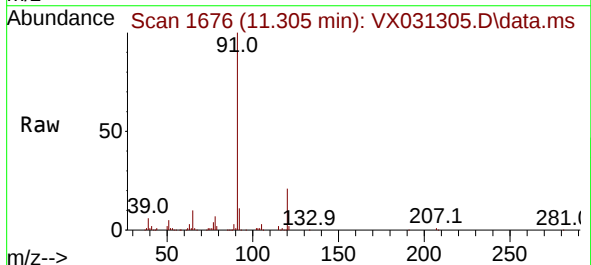
Tgt Ion: 156 Resp: 1075
Ion Ratio Lower Upper
156 100
77 190.0 79.5 238.6
158 98.8 48.4 145.3

Manual Integrations
APPROVED

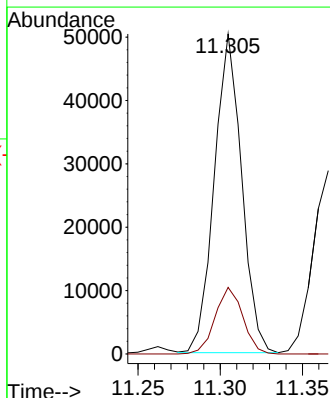
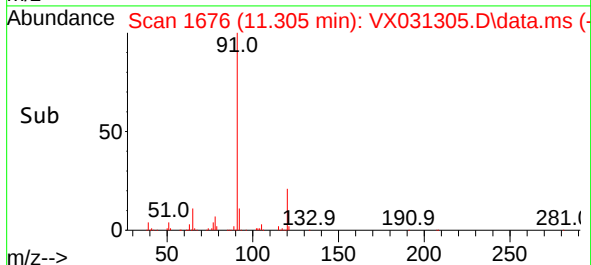
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

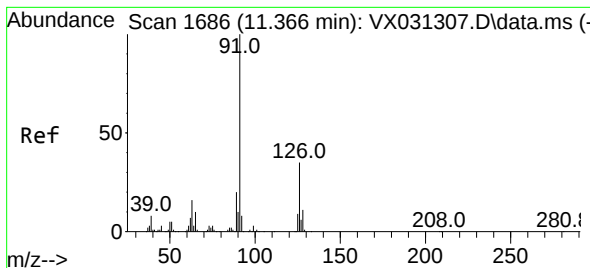


#78
n-propylbenzene
Concen: 10.160 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



Tgt Ion: 91 Resp: 58060
Ion Ratio Lower Upper
91 100
120 21.1 11.8 35.4





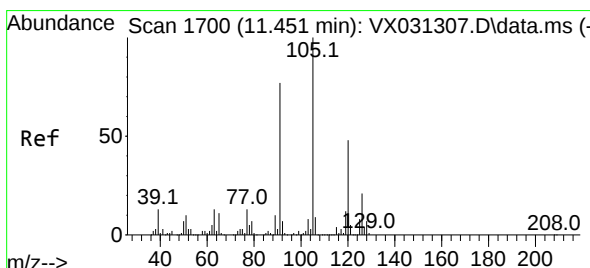
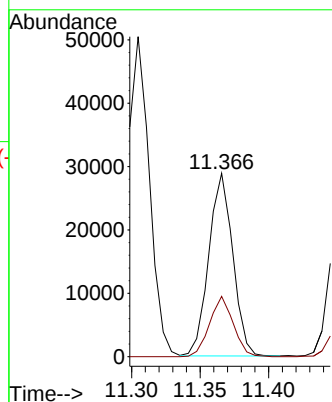
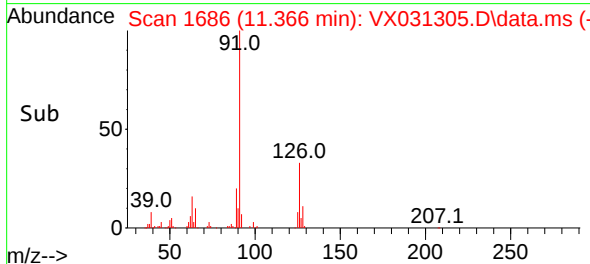
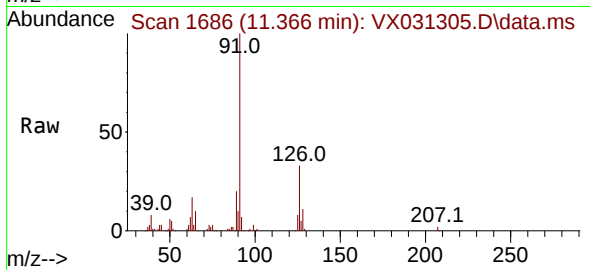
#79
2-Chlorotoluene
Concen: 10.046 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 3512
Ion Ratio Lower Upper
91 100
126 32.5 17.4 52.3

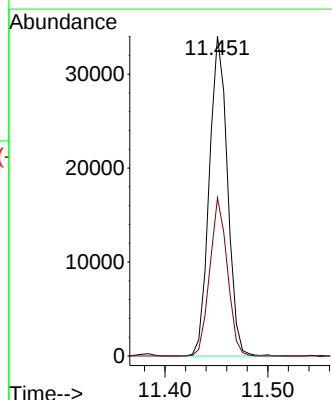
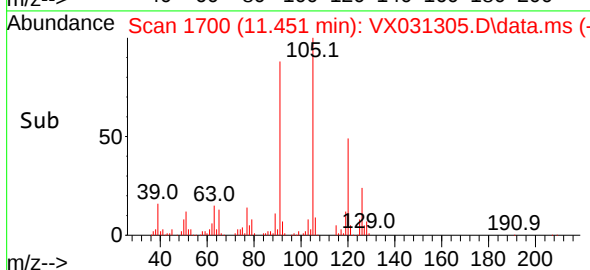
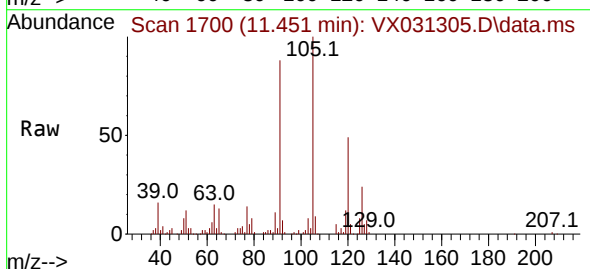
Manual Integrations
APPROVED

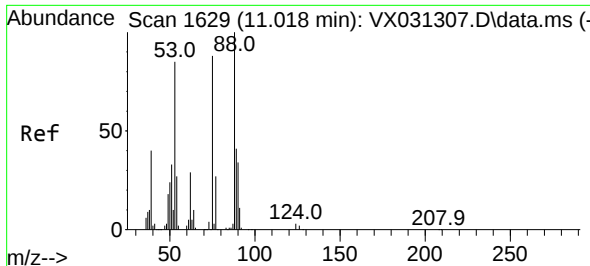
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 10.243 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

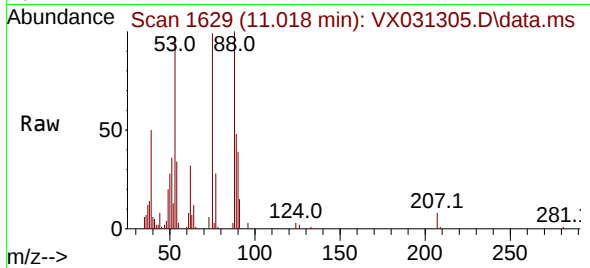
Tgt Ion:105 Resp: 41785
Ion Ratio Lower Upper
105 100
120 47.7 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 10.360 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

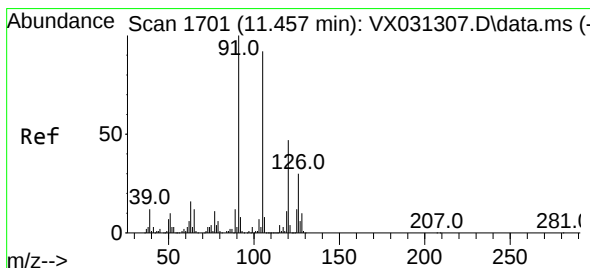
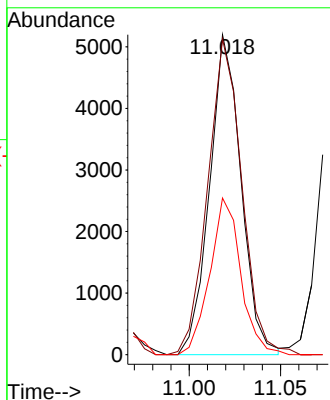
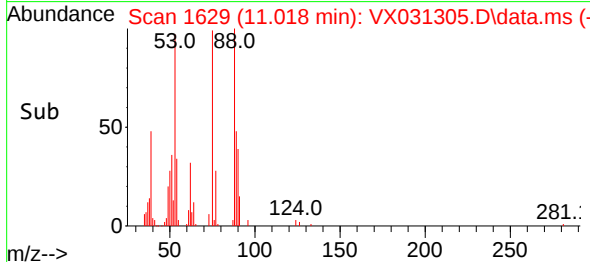
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



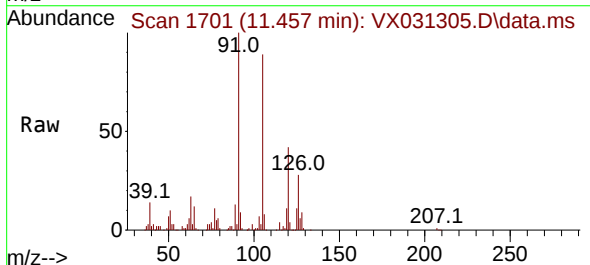
Tgt Ion: 75 Resp: 6220
Ion Ratio Lower Upper
75 100
53 106.8 77.6 116.4
89 48.3 37.4 56.0

Manual Integrations
APPROVED

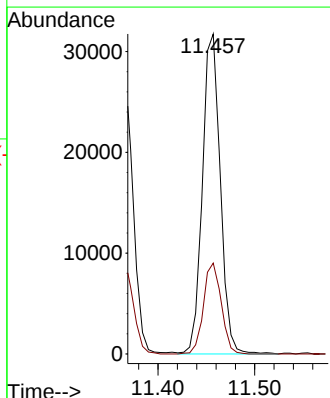
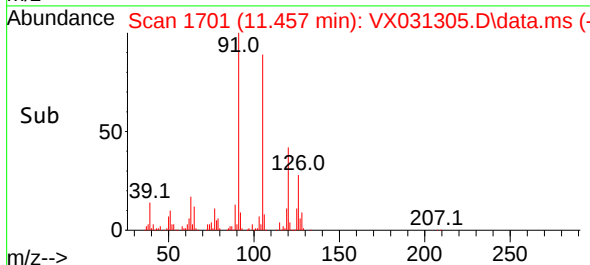
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

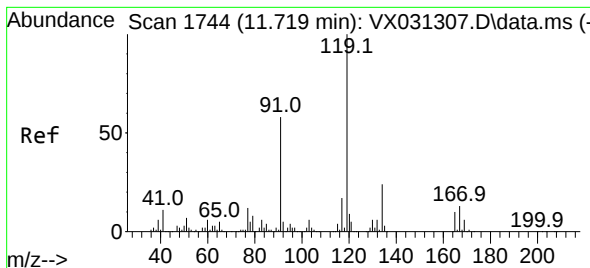


#82
4-Chlorotoluene
Concen: 10.222 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



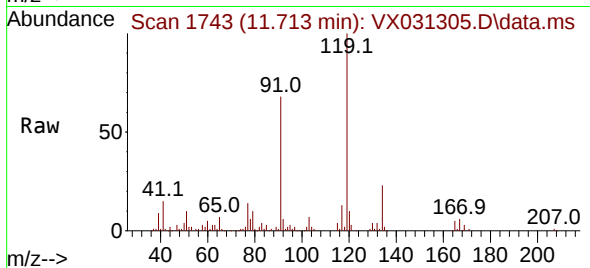
Tgt Ion: 91 Resp: 40966
Ion Ratio Lower Upper
91 100
126 28.1 15.1 45.3





#83
tert-Butylbenzene
Concen: 10.082 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

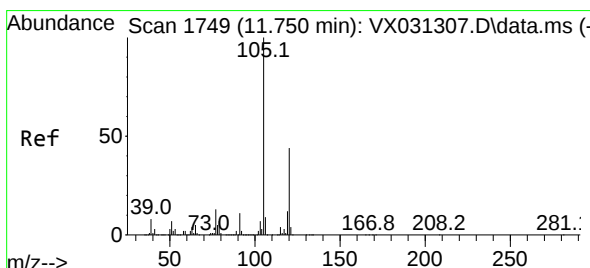
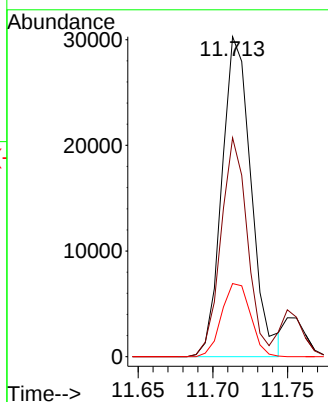
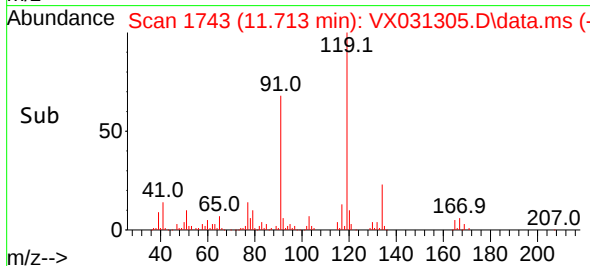
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



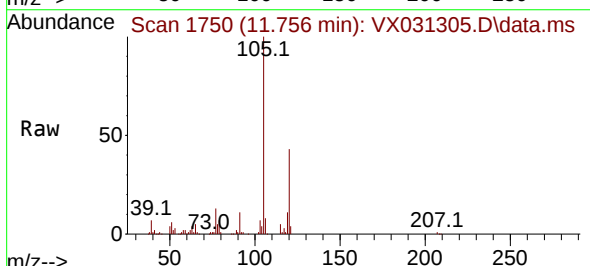
Tgt Ion:119 Resp: 41149
Ion Ratio Lower Upper
119 100
91 62.2 29.2 87.6
134 22.7 11.6 34.8

Manual Integrations
APPROVED

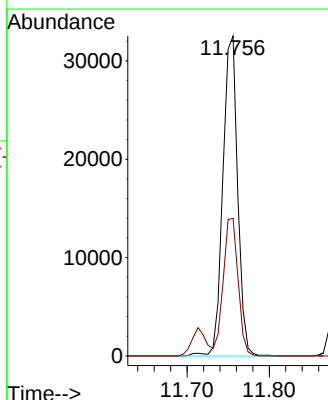
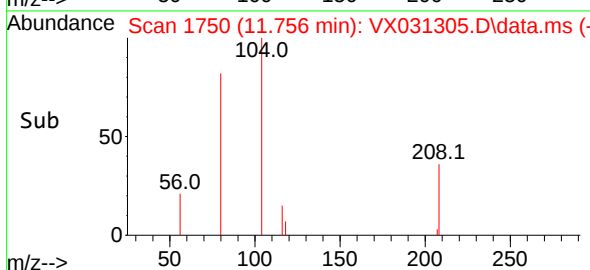
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

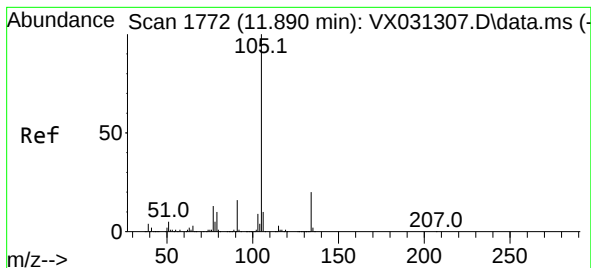


#84
1,2,4-Trimethylbenzene
Concen: 10.048 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



Tgt Ion:105 Resp: 40740
Ion Ratio Lower Upper
105 100
120 43.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 10.028 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion:105 Resp: 5125

Ion Ratio Lower Upper

105 100

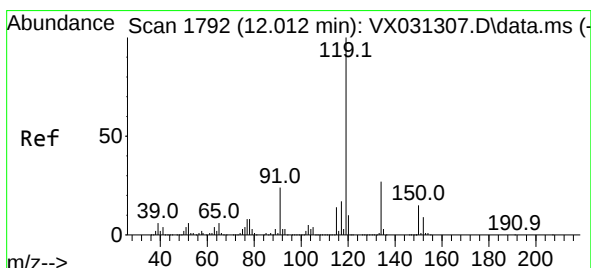
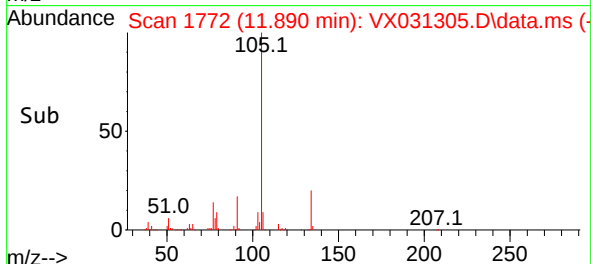
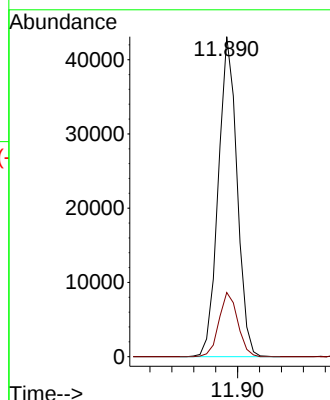
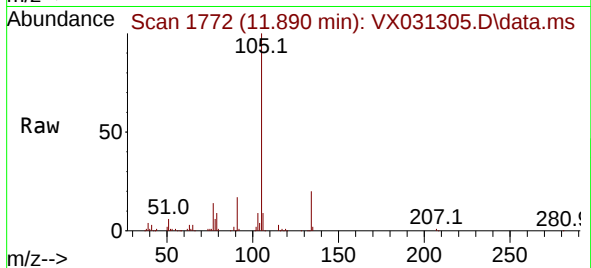
134 20.0 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#86

p-Isopropyltoluene

Concen: 9.979 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

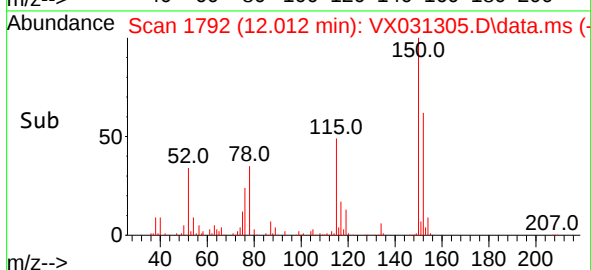
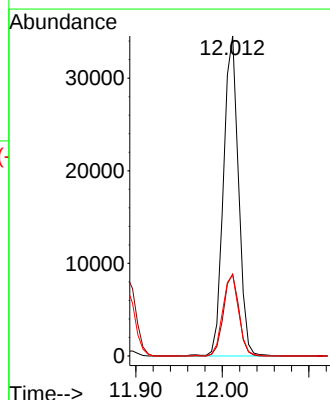
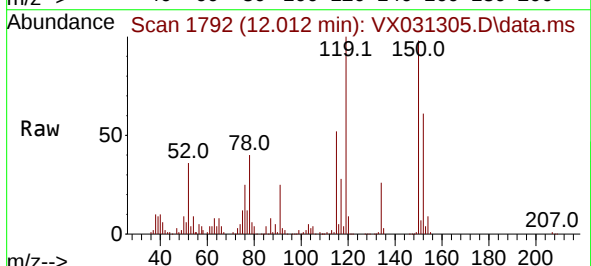
Tgt Ion:119 Resp: 41557

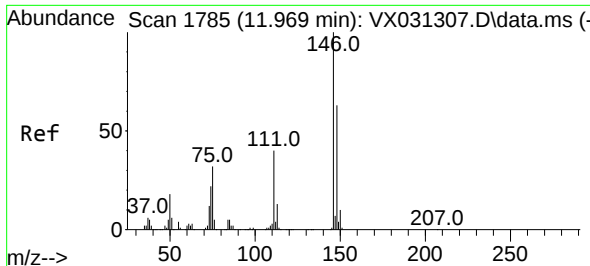
Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.2

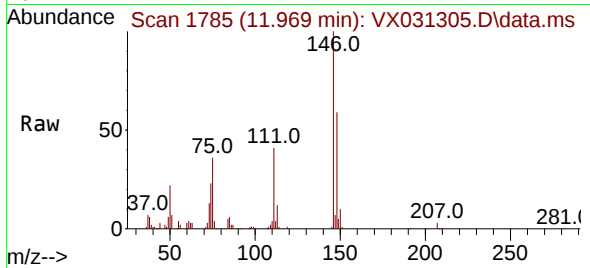
91 27.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 9.891 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

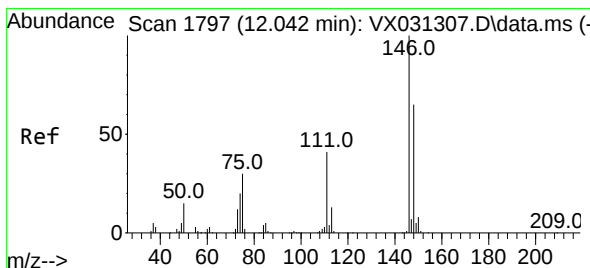
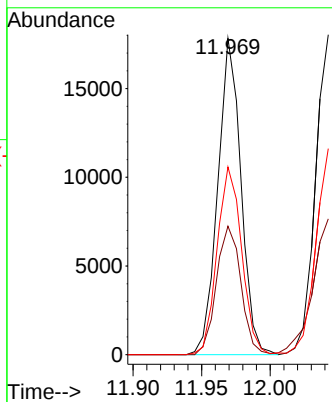
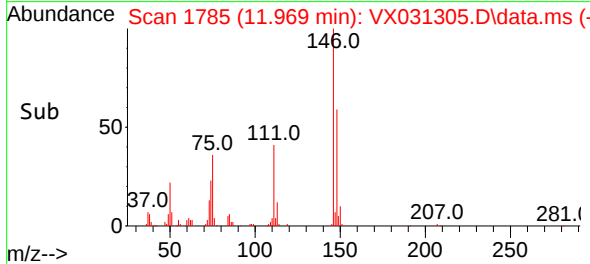
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



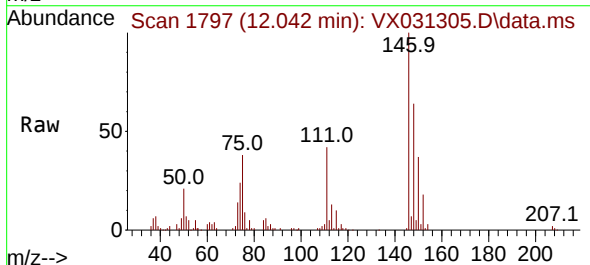
Tgt Ion:146 Resp: 2093
Ion Ratio Lower Upper
146 100
111 43.0 19.8 59.4
148 63.2 31.5 94.5

Manual Integrations
APPROVED

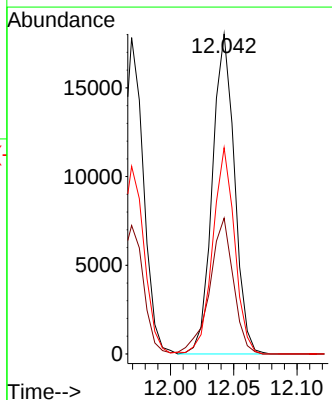
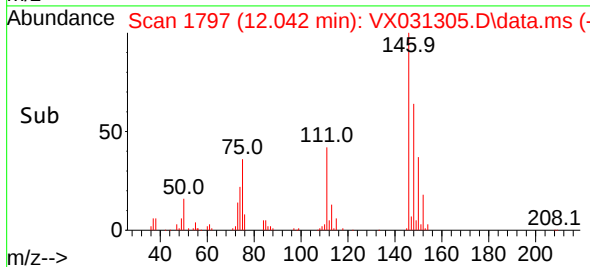
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#88
1,4-Dichlorobenzene
Concen: 10.087 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



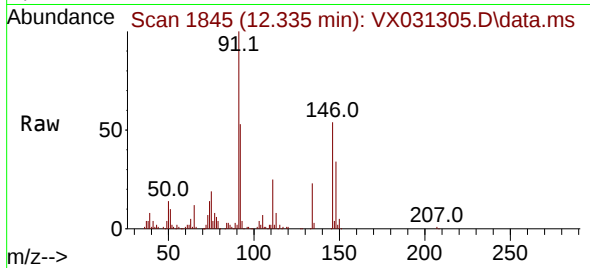
Tgt Ion:146 Resp: 21944
Ion Ratio Lower Upper
146 100
111 45.5 20.5 61.5
148 63.6 32.0 96.2





#89
n-Butylbenzene
Concen: 9.983 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

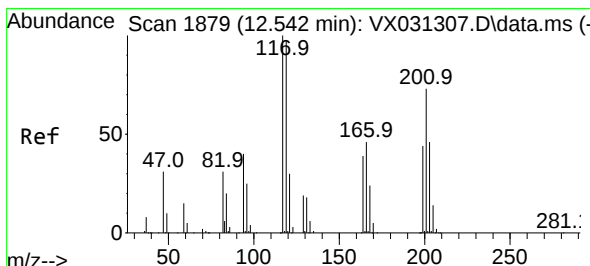
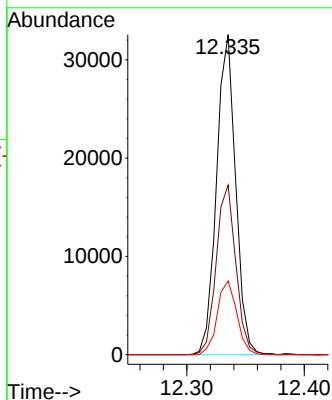
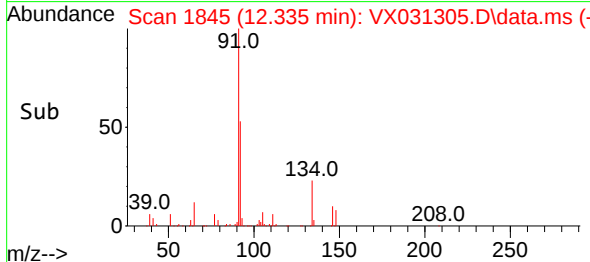
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



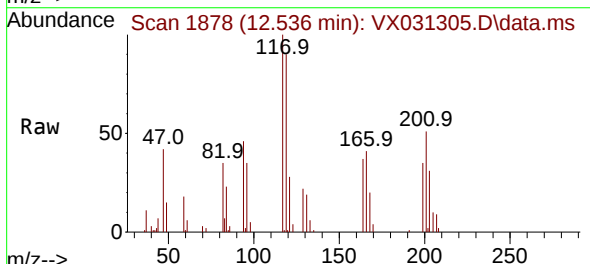
Tgt Ion: 91 Resp: 3686
Ion Ratio Lower Upper
91 100
92 54.4 27.0 81.0
134 23.6 13.3 39.9

Manual Integrations
APPROVED

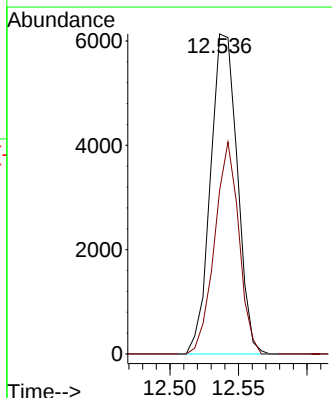
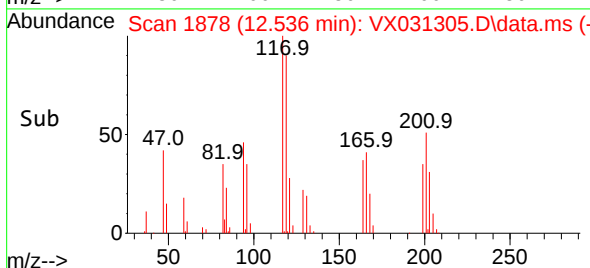
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

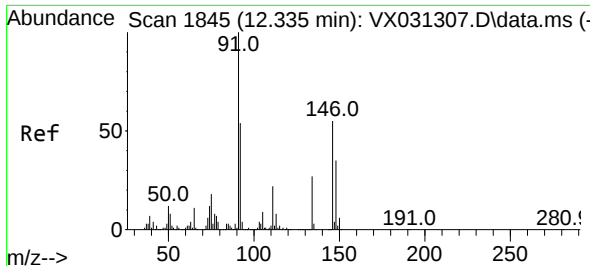


#90
Hexachloroethane
Concen: 10.041 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



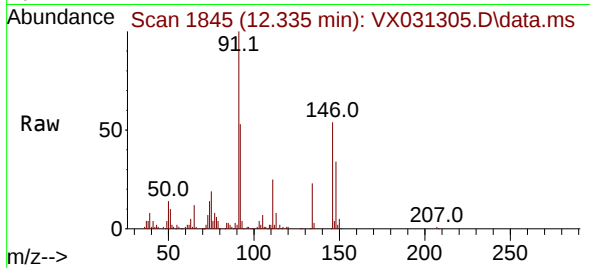
Tgt Ion:117 Resp: 8351
Ion Ratio Lower Upper
117 100
201 59.9 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 10.007 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12

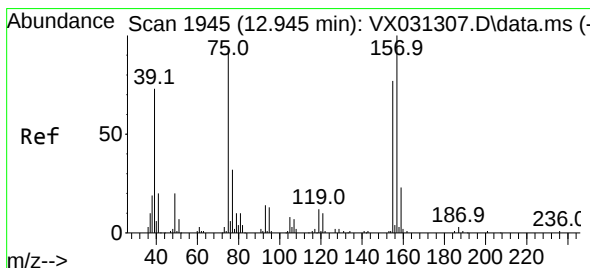
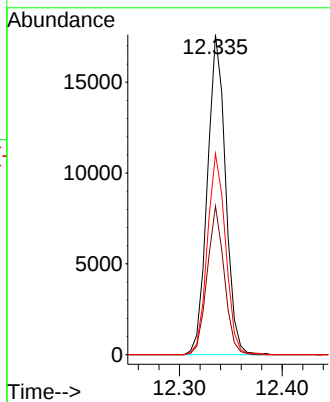
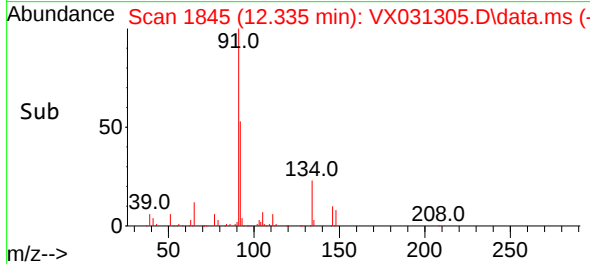
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



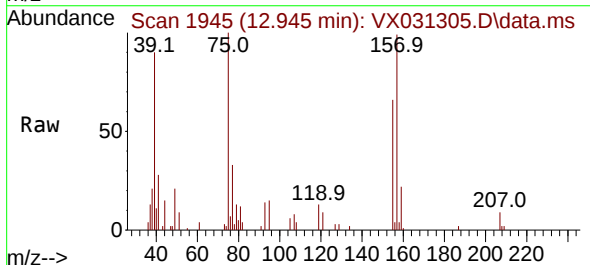
Tgt Ion:146 Resp: 2156
Ion Ratio Lower Upper
146 100
111 43.8 20.6 61.8
148 63.2 31.6 95.0

Manual Integrations
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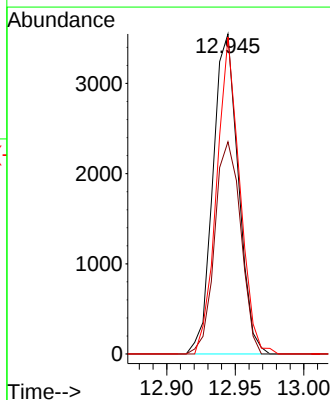
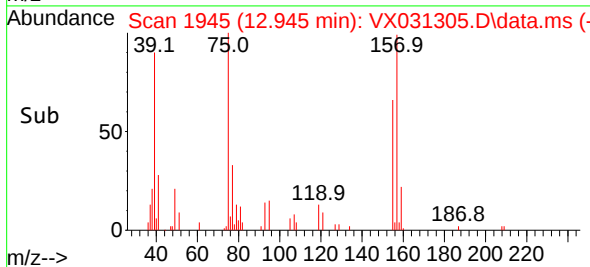
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

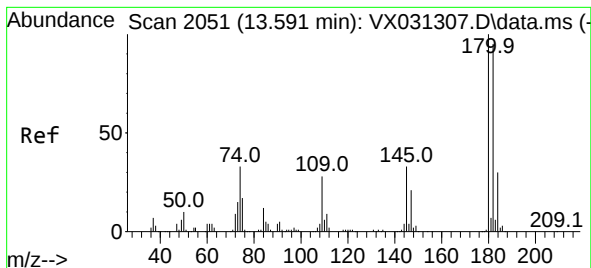


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.880 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX031305.D
Acq: 14 Sep 2022 13:12



Tgt Ion: 75 Resp: 4571
Ion Ratio Lower Upper
75 100
155 68.1 40.3 120.8
157 89.9 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 9.537 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

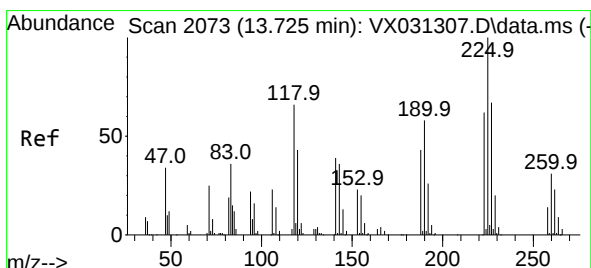
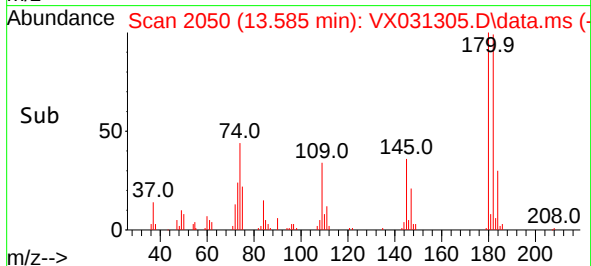
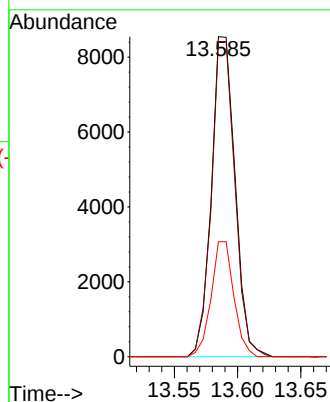
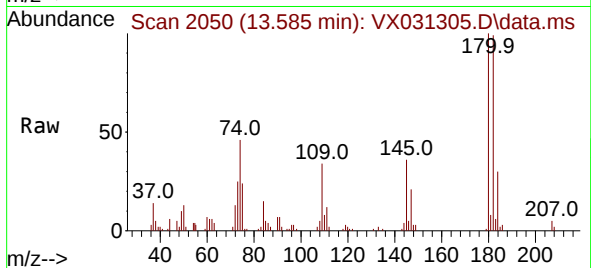
Tgt Ion:180	Resp:	11129
Ion Ratio	Lower	Upper
180	100	
182	97.5	46.9 140.6
145	34.5	16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#94

Hexachlorobutadiene

Concen: 9.695 ug/l

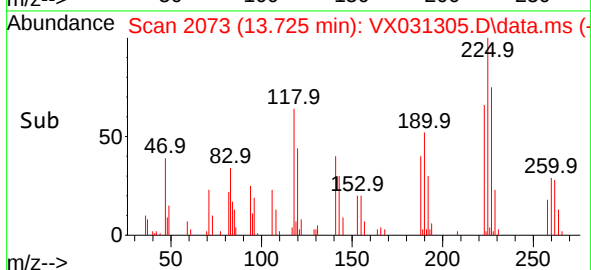
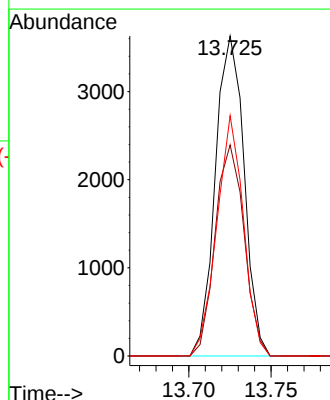
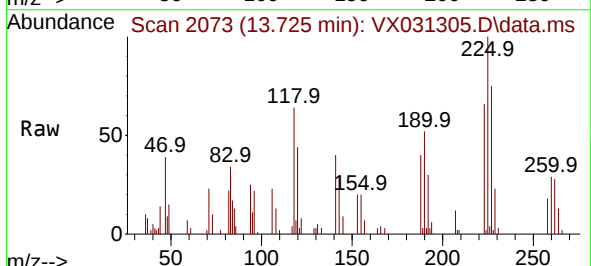
RT: 13.725 min Scan# 2073

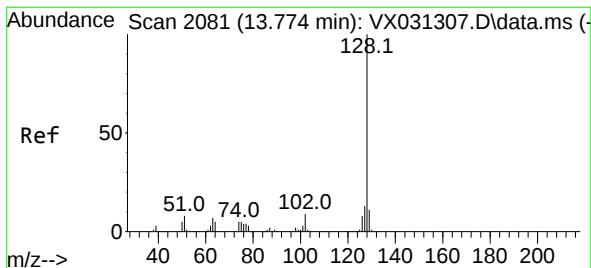
Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Tgt Ion:225	Resp:	4416
Ion Ratio	Lower	Upper
225	100	
223	66.4	30.8 92.4
227	69.7	32.3 96.9





#95

Naphthalene

Concen: 9.781 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

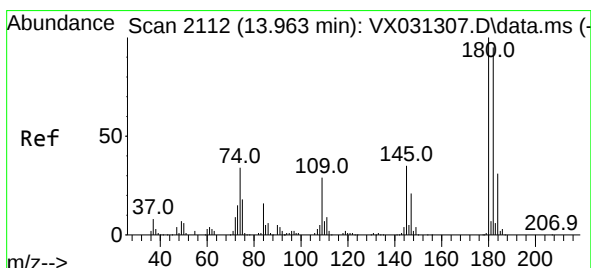
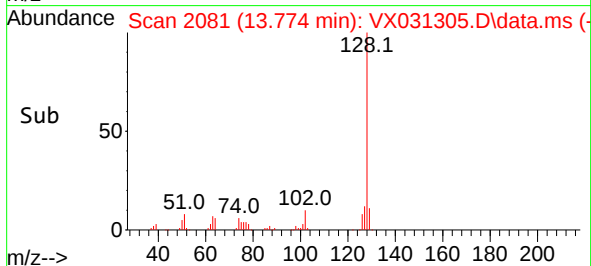
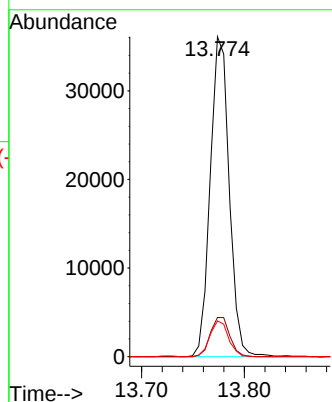
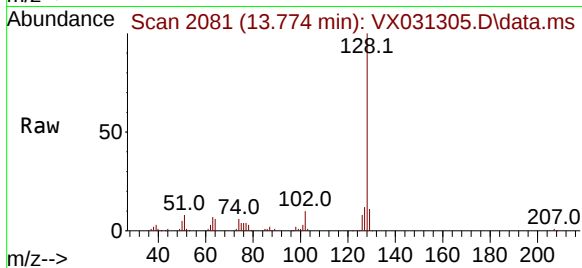
Tgt Ion:	128	Resp:	4637
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#96

1,2,3-Trichlorobenzene

Concen: 9.340 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX031305.D

Acq: 14 Sep 2022 13:12

Tgt Ion:	180	Resp:	11671
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.9	143.8
145	35.5	17.6	52.8

