

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031374.D
 Acq On : 15 Sep 2022 23:13
 Operator : JC/MD
 Sample : N4508-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05-3-13-090122MS

Quant Time: Sep 16 05:00:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	53909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	87161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58530	44.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.460%		
35) Dibromofluoromethane	5.391	113	47891	51.115	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.240%		
50) Toluene-d8	8.653	98	180625	51.394	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.780%		
62) 4-Bromofluorobenzene	11.079	95	65079	50.567	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26819	46.074	ug/l	99
3) Chloromethane	1.288	50	41154	51.624	ug/l	98
4) Vinyl Chloride	1.374	62	50508	53.623	ug/l	94
5) Bromomethane	1.611	94	71425	101.118	ug/l	97
6) Chloroethane	1.685	64	48012	64.222	ug/l	99
7) Trichlorofluoromethane	1.886	101	128124	74.206	ug/l	99
8) Diethyl Ether	2.136	74	45806	68.512	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	40869	50.056	ug/l	95
10) Methyl Iodide	2.453	142	46490	53.304	ug/l	100
11) Tert butyl alcohol	2.983	59	56748	198.399	ug/l	100
12) 1,1-Dichloroethene	2.319	96	37466	49.778	ug/l	96
13) Acrolein	2.239	56	26160	171.320	ug/l	99
14) Allyl chloride	2.666	41	63896	38.429	ug/l	96
15) Acrylonitrile	3.068	53	130391	213.651	ug/l	99
16) Acetone	2.386	43	109154	193.232	ug/l	98
17) Carbon Disulfide	2.508	76	87739	48.738	ug/l	98
18) Methyl Acetate	2.703	43	63343	37.815	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	162106	46.509	ug/l	98
20) Methylene Chloride	2.788	84	45565	51.506	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	43217	51.125	ug/l	94
22) Diisopropyl ether	3.763	45	150767	43.331	ug/l	95
23) Vinyl Acetate	3.721	43	606341	209.691	ug/l	99
24) 1,1-Dichloroethane	3.611	63	82192	45.012	ug/l	98
25) 2-Butanone	4.562	43	186064	199.692	ug/l	99
26) 2,2-Dichloropropane	4.483	77	60348	34.834	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	57022	51.434	ug/l	92
28) Bromochloromethane	4.904	49	33463	39.316	ug/l	93
29) Tetrahydrofuran	5.007	42	120446	208.692	ug/l	96
30) Chloroform	5.099	83	92285	47.726	ug/l	99
31) Cyclohexane	5.471	56	67959	47.805	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	81612	47.104	ug/l	100
36) 1,1-Dichloropropene	5.696	75	63323	49.379	ug/l	99
37) Ethyl Acetate	4.721	43	68958	40.919	ug/l	99
38) Carbon Tetrachloride	5.684	117	69013	49.509	ug/l	96
39) Methylcyclohexane	7.385	83	71115	50.355	ug/l	94
40) Benzene	6.044	78	192258	52.208	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	39138	42.870	ug/l	96
42) 1,2-Dichloroethane	6.092	62	73106	49.217	ug/l	99
43) Isopropyl Acetate	6.342	43	119946	41.697	ug/l	99
44) Trichloroethene	7.129	130	52644	56.070	ug/l	93
45) 1,2-Dichloropropane	7.434	63	48327	47.936	ug/l	95
46) Dibromomethane	7.586	93	36954	51.687	ug/l	95
47) Bromodichloromethane	7.824	83	72350	48.654	ug/l	98
48) Methyl methacrylate	7.696	41	56183	42.904	ug/l	93
49) 1,4-Dioxane	7.684	88	24166	920.209	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	399985	228.759	ug/l	100
52) Toluene	8.720	92	127132	54.576	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	76809	45.898	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	77497	45.063	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	53987	52.500	ug/l	99
56) Ethyl methacrylate	9.116	69	80151	48.148	ug/l	96
57) 1,3-Dichloropropane	9.311	76	87377	49.450	ug/l	99
59) 2-Hexanone	9.433	43	308855	231.437	ug/l	99
60) Dibromochloromethane	9.525	129	57692	52.040	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57175	54.186	ug/l	98
64) Tetrachloroethene	9.275	164	49492	55.366	ug/l	96
65) Chlorobenzene	10.079	112	137647	53.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52742	51.697	ug/l	96
67) Ethyl Benzene	10.195	91	244527	52.137	ug/l	99
68) m/p-Xylenes	10.305	106	194819	109.395	ug/l	99
69) o-Xylene	10.640	106	95099	52.575	ug/l	100
70) Styrene	10.659	104	161794	55.006	ug/l	99
71) Bromoform	10.799	173	41469	51.058	ug/l #	99
73) Isopropylbenzene	10.963	105	253088	44.500	ug/l	99
74) N-amyl acetate	10.841	43	105369	37.267	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	87439	42.780	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	79541m	40.991	ug/l	
77) Bromobenzene	11.201	156	60416	46.589	ug/l	98
78) n-propylbenzene	11.305	91	297213	44.529	ug/l	100
79) 2-Chlorotoluene	11.366	91	175794	43.045	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	230157	48.302	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24726	35.259	ug/l	94
82) 4-Chlorotoluene	11.457	91	221771	47.375	ug/l	100
83) tert-Butylbenzene	11.713	119	218739	45.883	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	228791	48.310	ug/l	99
85) sec-Butylbenzene	11.890	105	273736	45.855	ug/l	100
86) p-Isopropyltoluene	12.012	119	240462	49.432	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	122705	49.631	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	132928	52.312	ug/l	98
89) n-Butylbenzene	12.335	91	203859	47.259	ug/l	98
90) Hexachloroethane	12.542	117	41826	43.055	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	127347	50.592	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19285	40.791	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	68511	50.265	ug/l	98
94) Hexachlorobutadiene	13.725	225	24003	45.114	ug/l	98
95) Naphthalene	13.774	128	258713	46.719	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70194	48.091	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

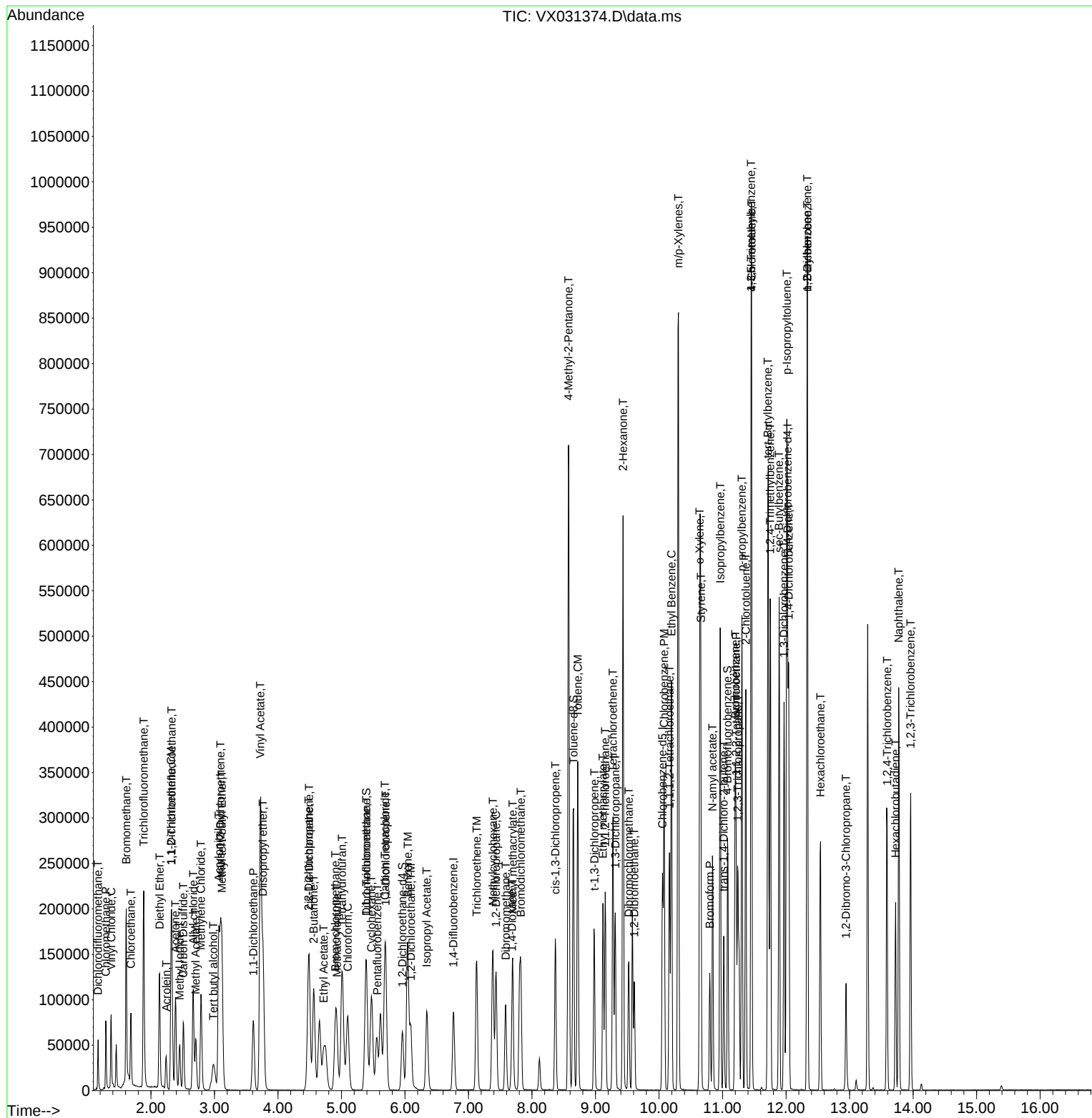
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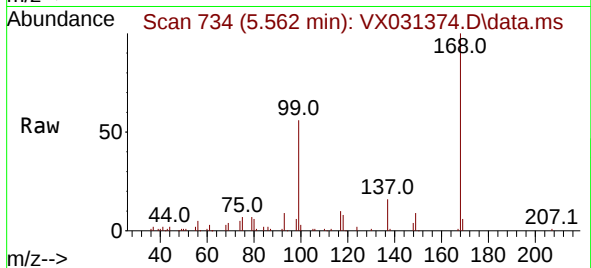
Reviewed By : John Carlone 09/16/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

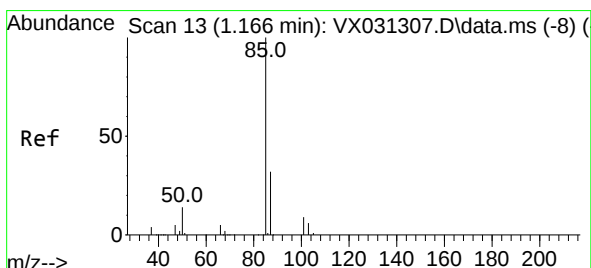
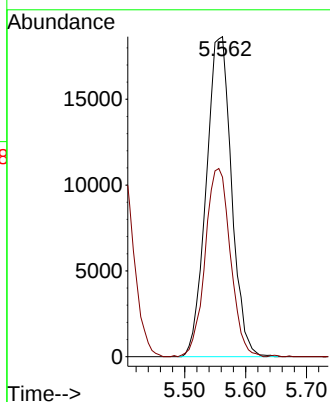
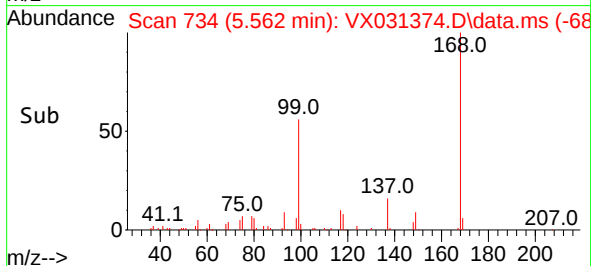
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion:168 Resp: 53909
Ion Ratio Lower Upper
168 100
99 56.1 48.8 73.2

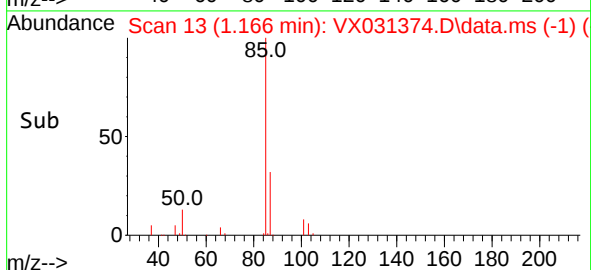
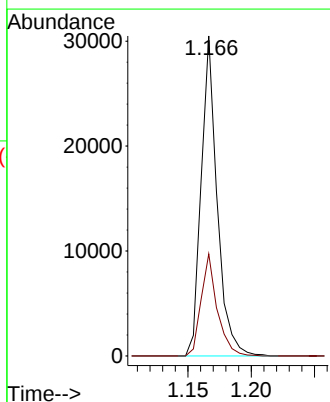
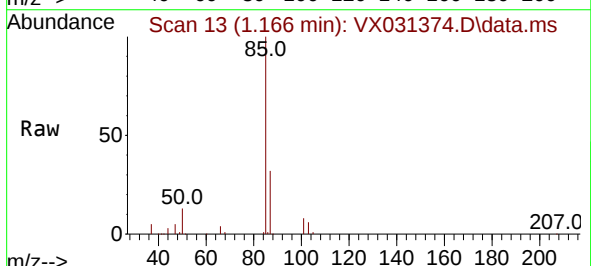
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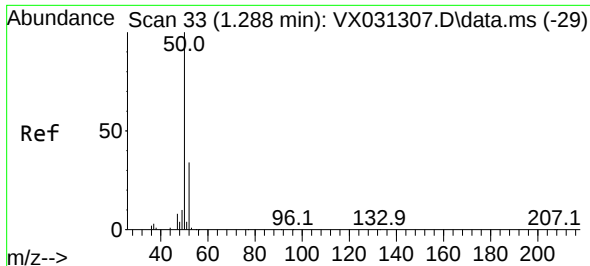
Reviewed By :John Carlone 09/16/2022
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#2
Dichlorodifluoromethane
Concen: 46.074 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

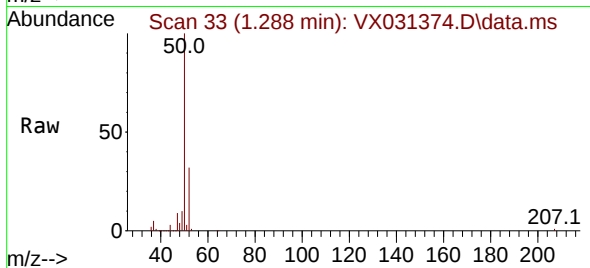
Tgt Ion: 85 Resp: 26819
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4





#3
Chloromethane
Concen: 51.624 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

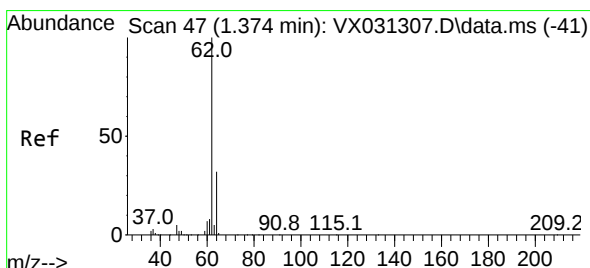
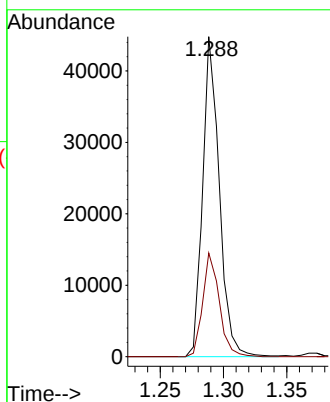
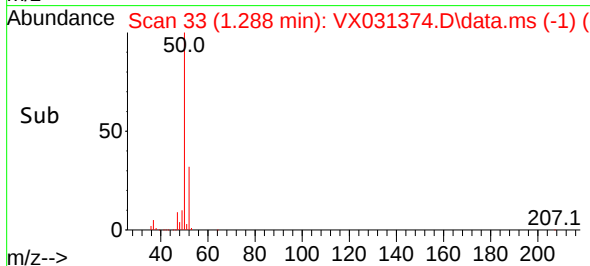
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 50 Resp: 41154
Ion Ratio Lower Upper
50 100
52 32.4 26.9 40.3

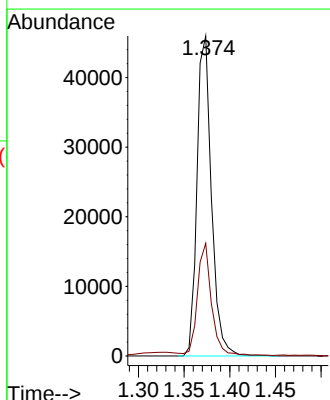
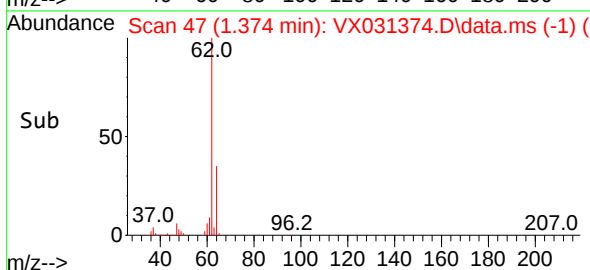
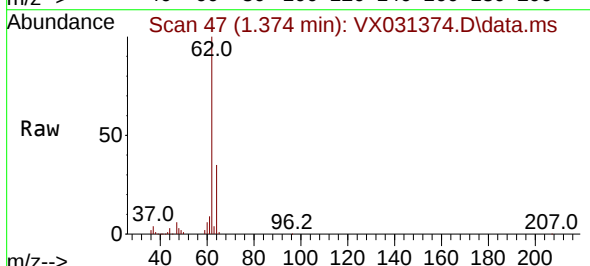
Manual Integrations
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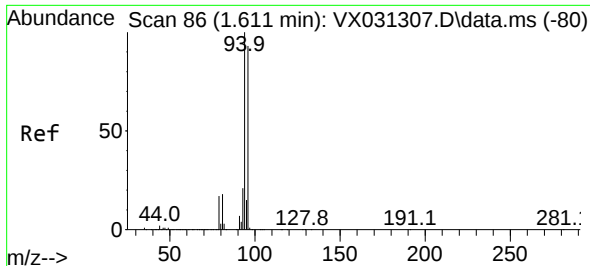
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#4
Vinyl Chloride
Concen: 53.623 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

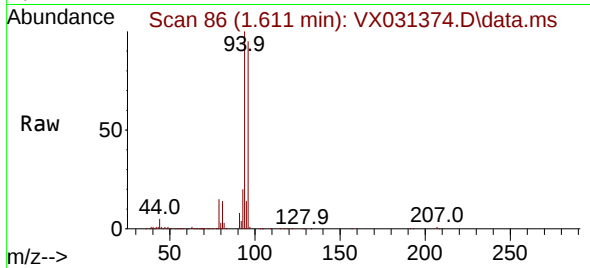
Tgt Ion: 62 Resp: 50508
Ion Ratio Lower Upper
62 100
64 35.0 25.3 37.9





#5
Bromomethane
Concen: 101.118 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

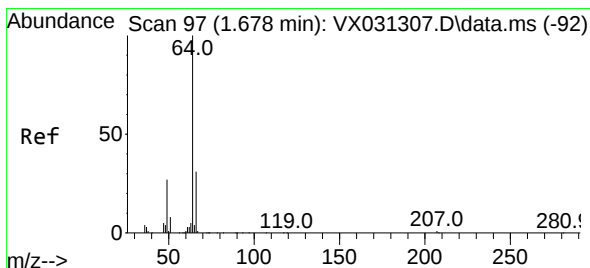
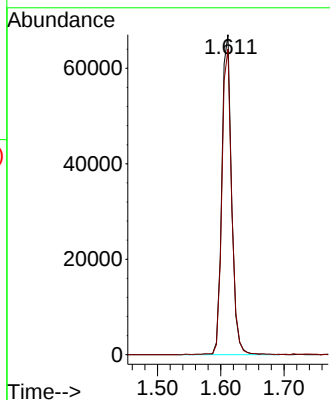
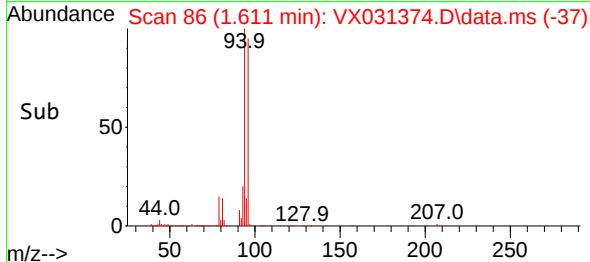
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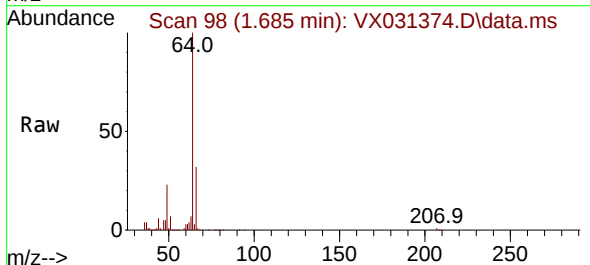
Tgt Ion: 94 Resp: 71425
Ion Ratio Lower Upper
94 100
96 95.4 74.4 111.6

Manual Integrations
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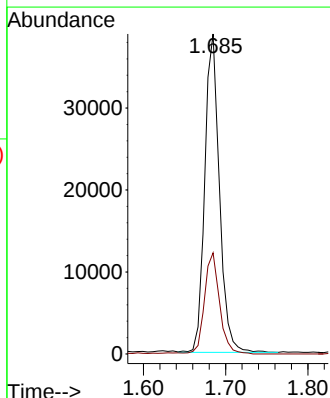
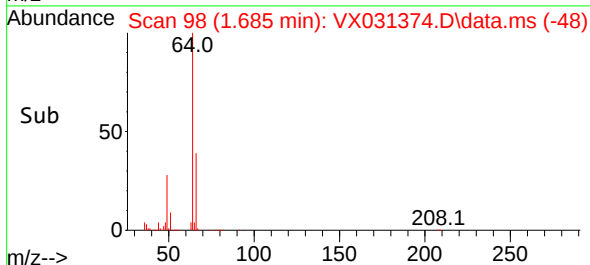
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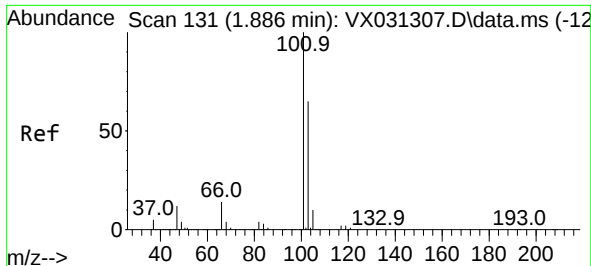


#6
Chloroethane
Concen: 64.222 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13



Tgt Ion: 64 Resp: 48012
Ion Ratio Lower Upper
64 100
66 31.8 25.0 37.4





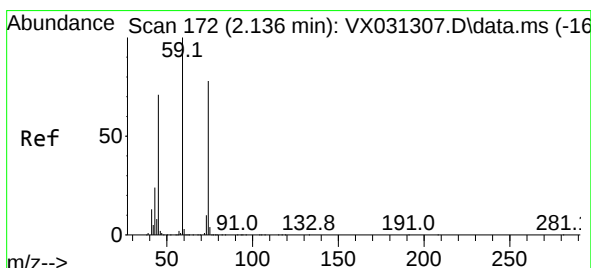
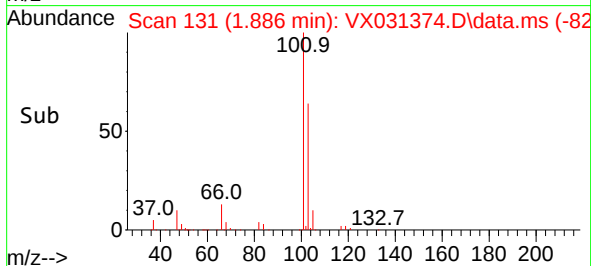
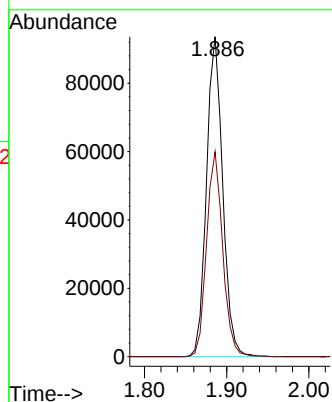
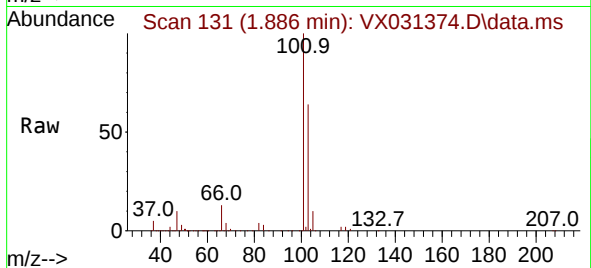
#7
Trichlorofluoromethane
Concen: 74.206 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS

Tgt Ion:101 Resp: 128124
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6

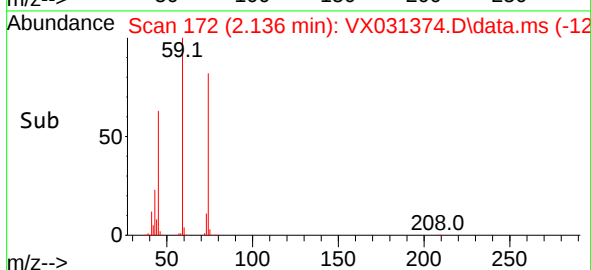
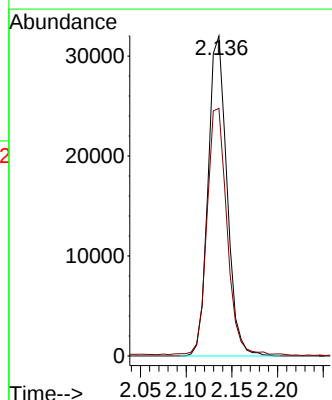
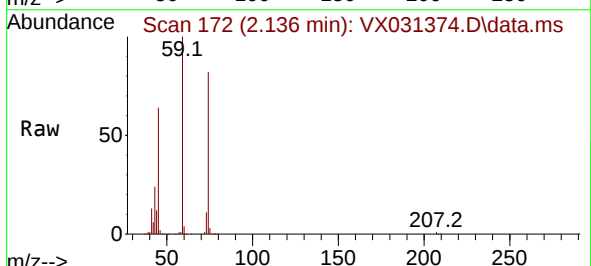
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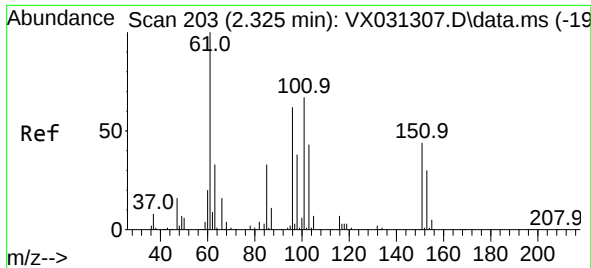
Reviewed By :John Carlone 09/16/2022
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#8
Diethyl Ether
Concen: 68.512 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

Tgt Ion: 74 Resp: 45806
Ion Ratio Lower Upper
74 100
45 82.7 48.5 145.6





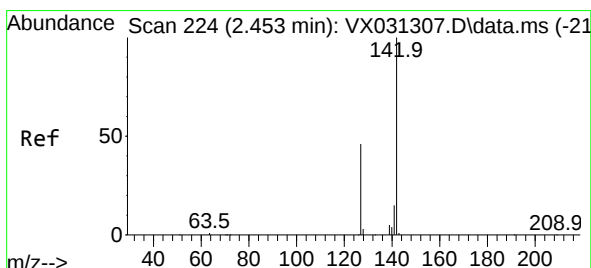
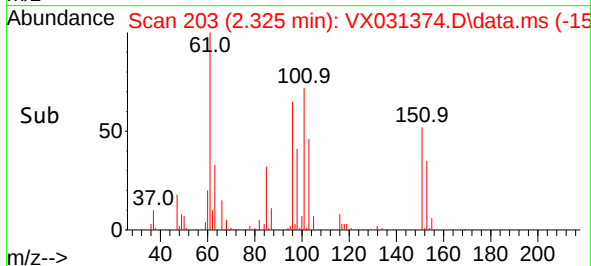
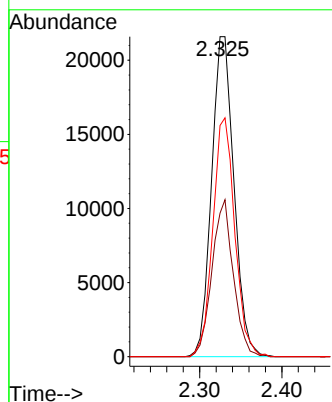
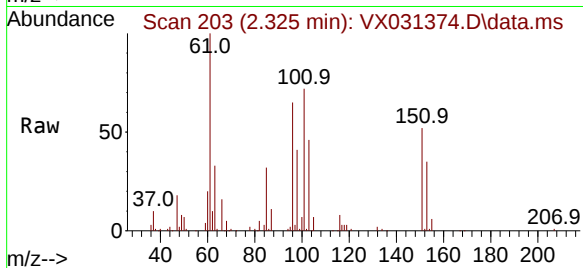
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.056 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS

Tgt Ion:101 Resp: 40869
Ion Ratio Lower Upper
101 100
85 46.8 38.6 57.8
151 73.3 54.0 81.0

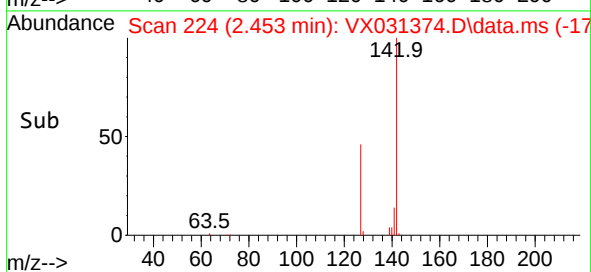
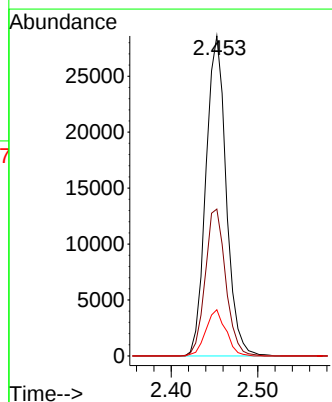
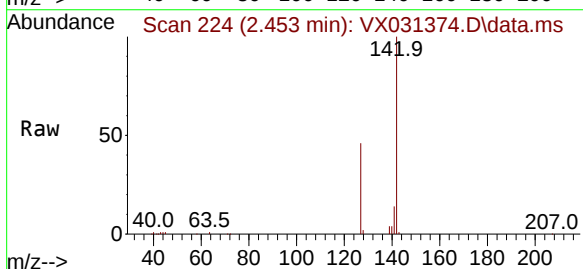
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 53.304 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

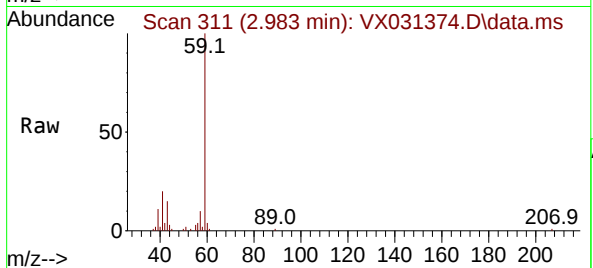
Tgt Ion:142 Resp: 46490
Ion Ratio Lower Upper
142 100
127 46.4 37.4 56.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 198.399 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

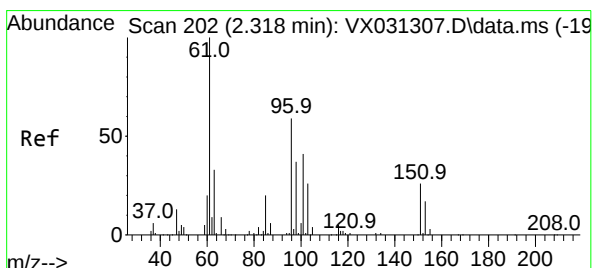
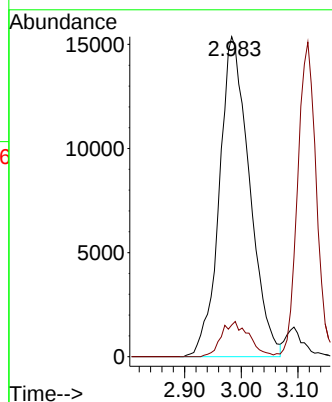
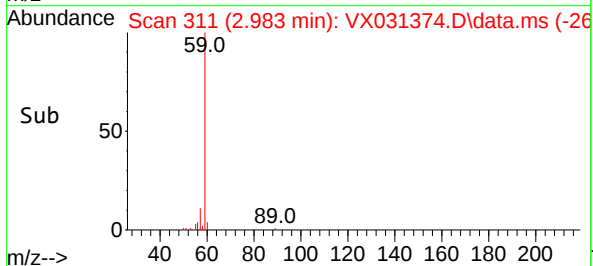
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 59 Resp: 56748
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

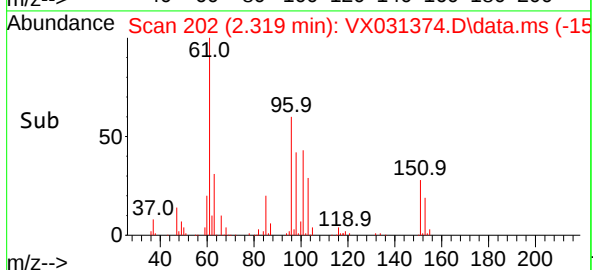
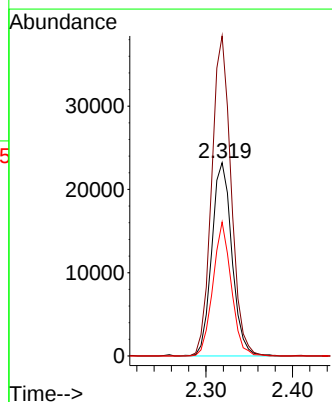
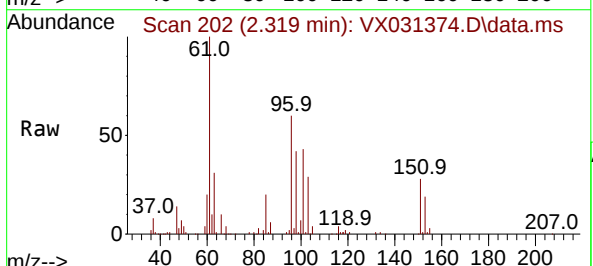
Manual Integrations
APPROVED

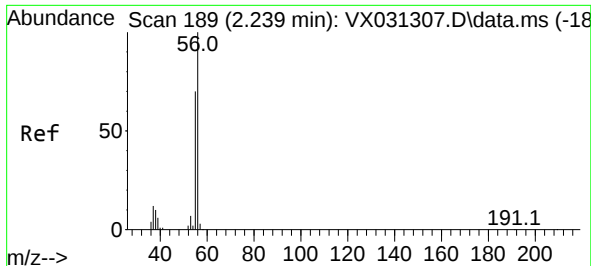
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#12
1,1-Dichloroethene
Concen: 49.778 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

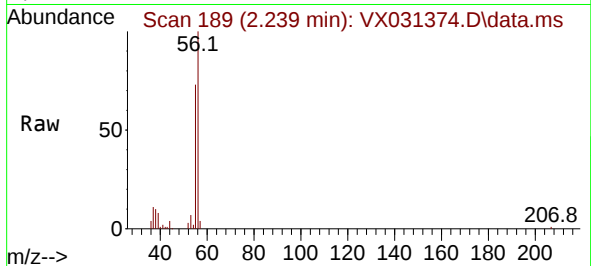
Tgt Ion: 96 Resp: 37466
Ion Ratio Lower Upper
96 100
61 165.6 135.3 202.9
98 69.3 49.4 74.2





#13
Acrolein
Concen: 171.320 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

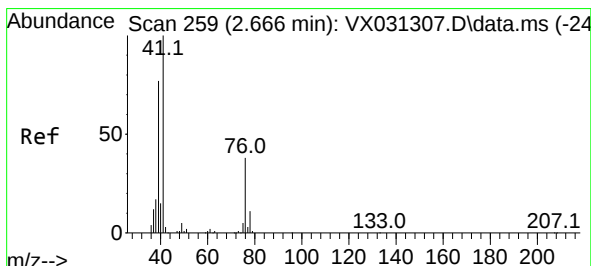
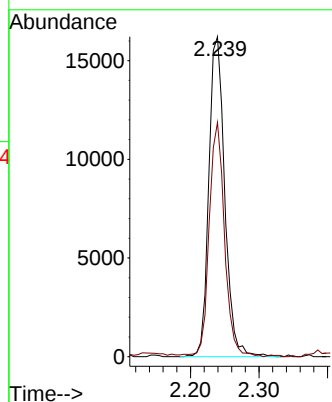
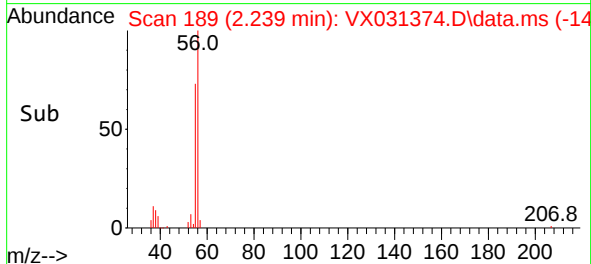
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 56 Resp: 26160
Ion Ratio Lower Upper
56 100
55 70.8 56.0 84.0

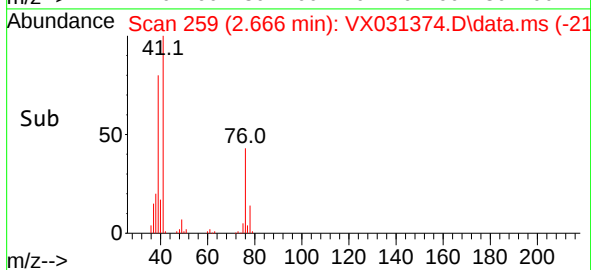
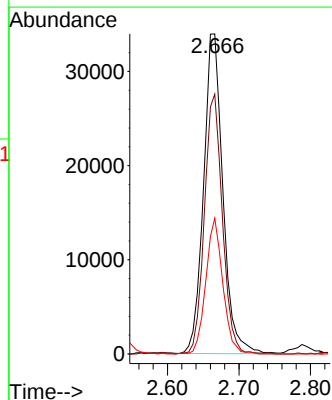
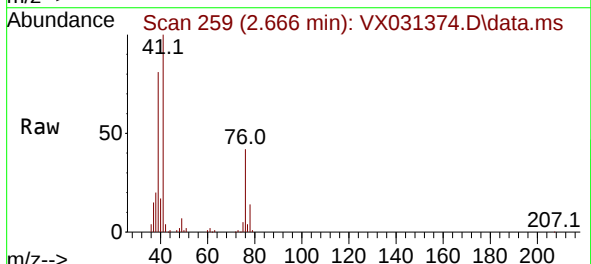
Manual Integrations
APPROVED

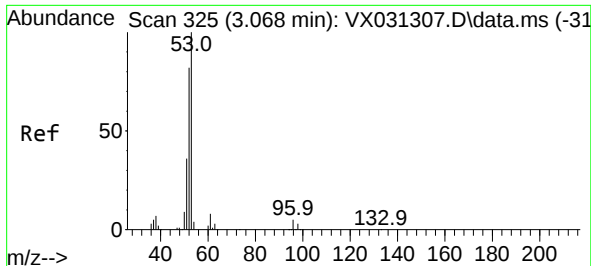
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#14
Allyl chloride
Concen: 38.429 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

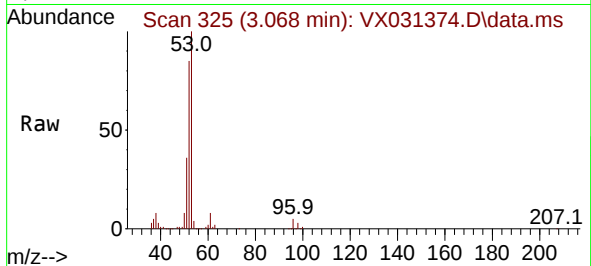
Tgt Ion: 41 Resp: 63896
Ion Ratio Lower Upper
41 100
39 75.6 58.2 87.4
76 37.3 26.9 40.3





#15
Acrylonitrile
Concen: 213.651 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

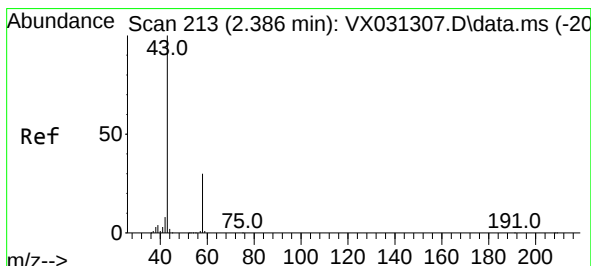
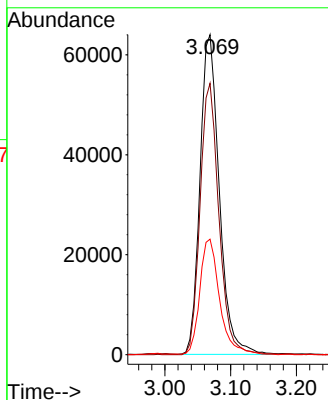
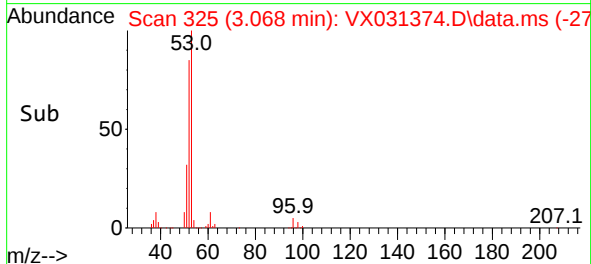
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 53 Resp: 13039
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 37.4 30.0 45.0

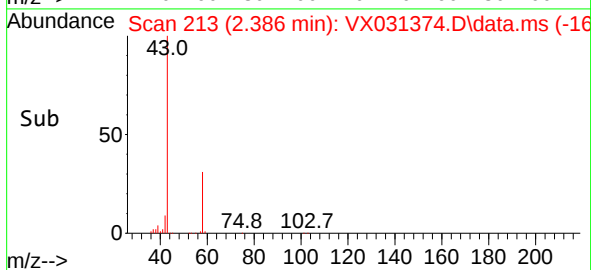
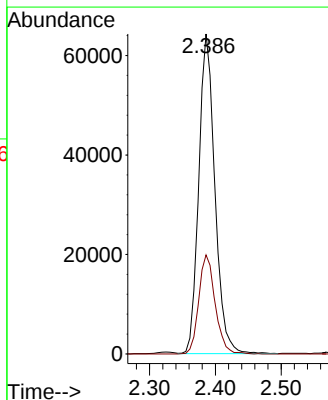
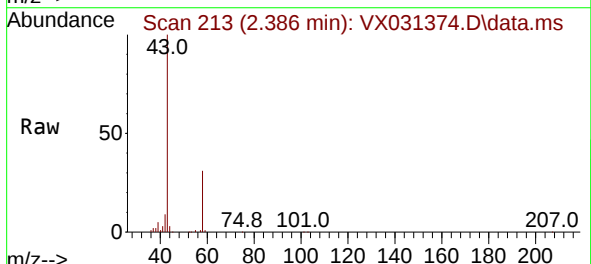
Manual Integrations
APPROVED

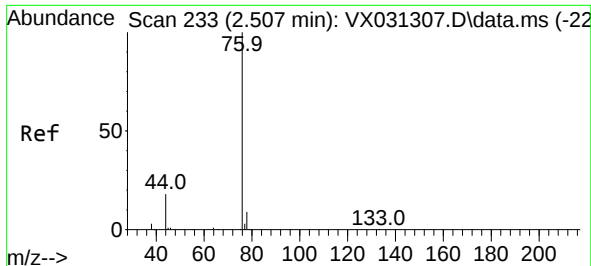
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#16
Acetone
Concen: 193.232 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

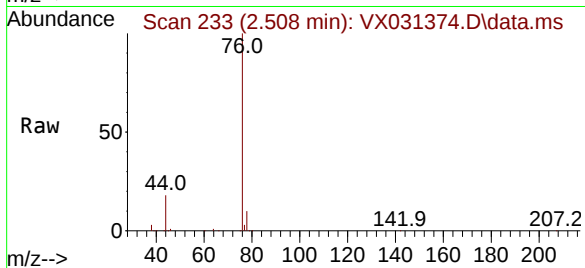
Tgt Ion: 43 Resp: 109154
Ion Ratio Lower Upper
43 100
58 31.0 23.8 35.8





#17
Carbon Disulfide
Concen: 48.738 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

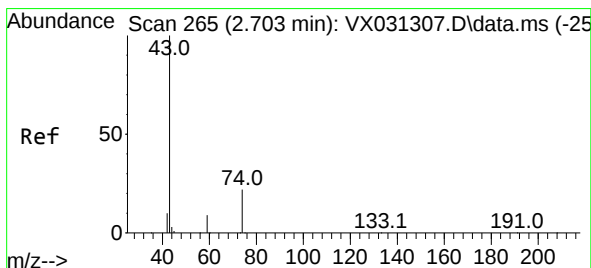
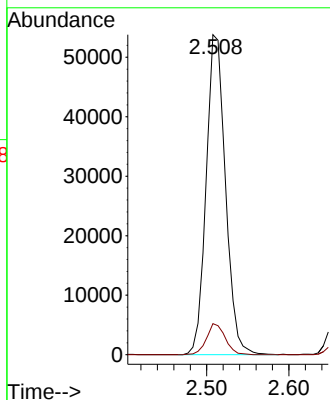
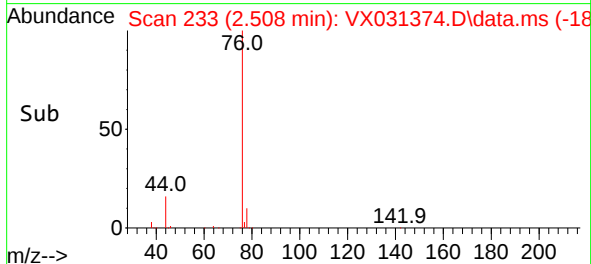
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 76 Resp: 87739
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

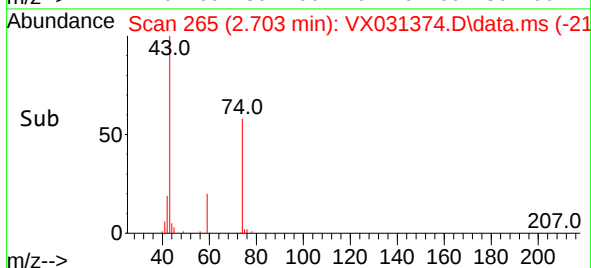
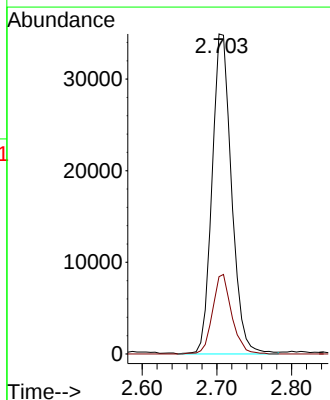
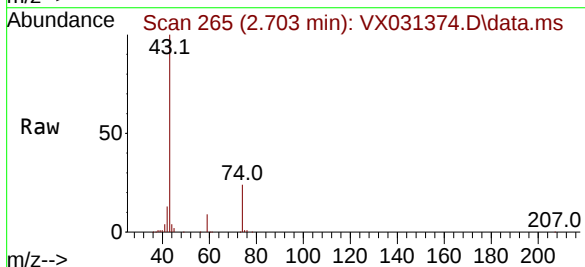
Manual Integrations
APPROVED

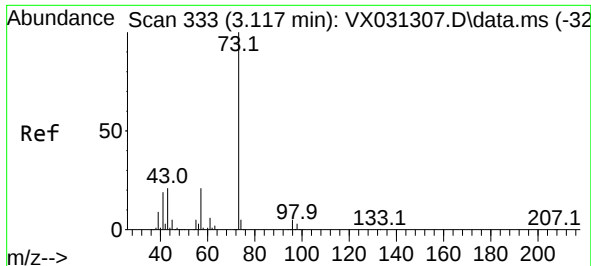
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#18
Methyl Acetate
Concen: 37.815 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

Tgt Ion: 43 Resp: 63343
Ion Ratio Lower Upper
43 100
74 24.4 18.6 27.8





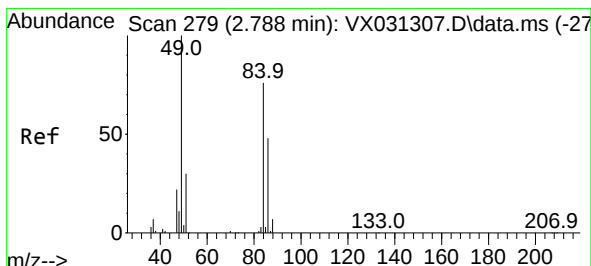
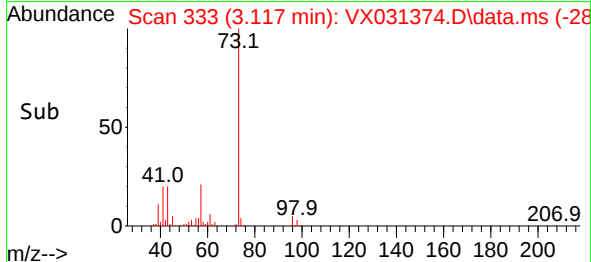
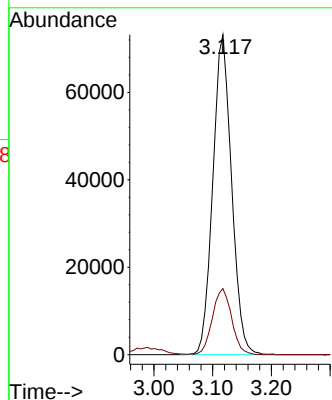
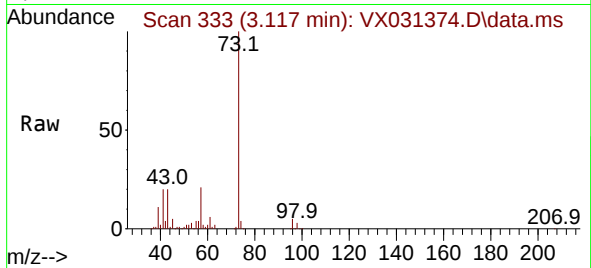
#19
Methyl tert-butyl Ether
Concen: 46.509 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS

Tgt Ion: 73 Resp: 162100
Ion Ratio Lower Upper
73 100
57 20.6 17.2 25.8

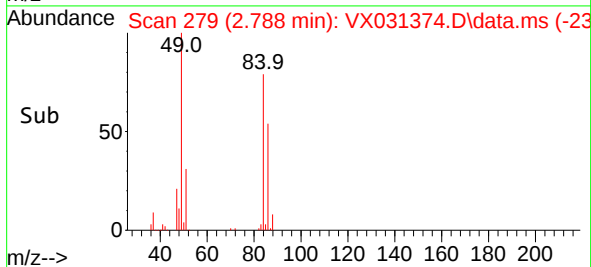
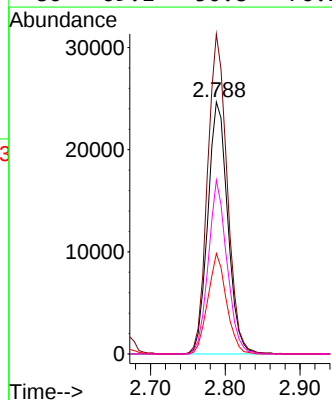
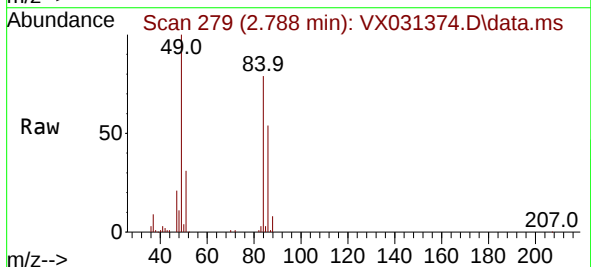
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#20
Methylene Chloride
Concen: 51.506 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

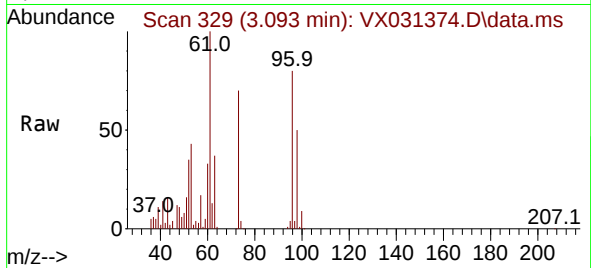
Tgt Ion: 84 Resp: 45565
Ion Ratio Lower Upper
84 100
49 127.0 105.9 158.9
51 39.9 32.2 48.2
86 69.1 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 51.125 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

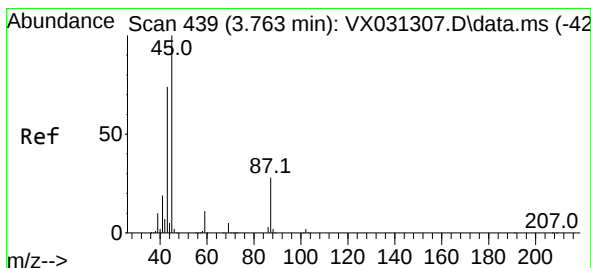
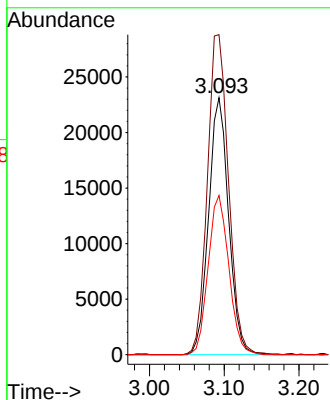
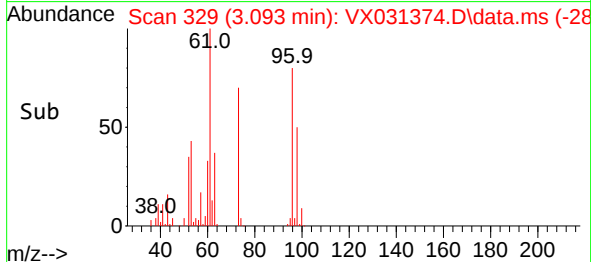
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 96 Resp: 4321
Ion Ratio Lower Upper
96 100
61 124.5 106.7 160.1
98 62.0 48.7 73.1

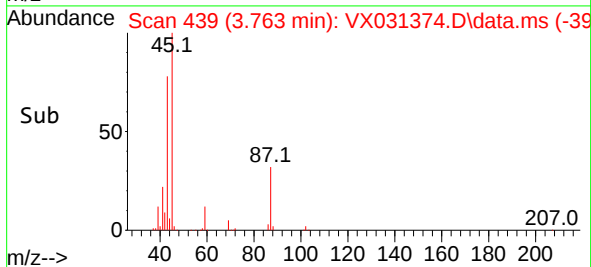
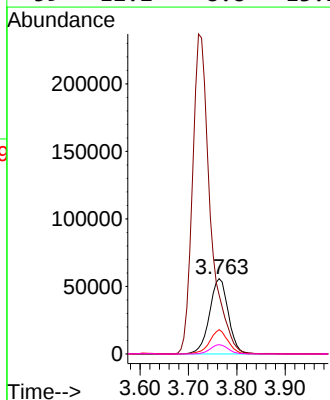
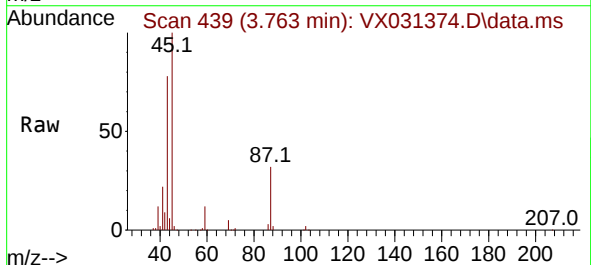
Manual Integrations
APPROVED

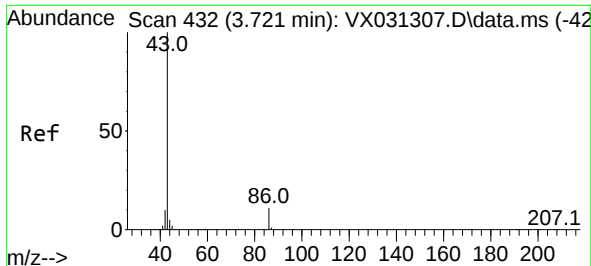
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 43.331 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

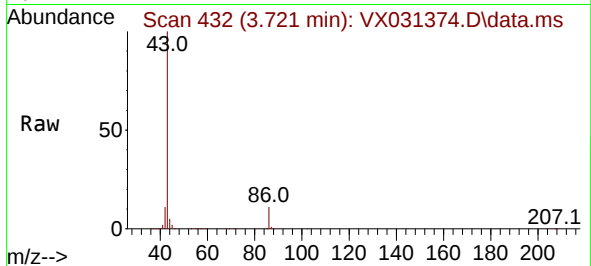
Tgt Ion: 45 Resp: 150767
Ion Ratio Lower Upper
45 100
43 77.8 59.0 88.6
87 32.3 22.6 33.8
59 12.2 8.8 13.2





#23
 Vinyl Acetate
 Concen: 209.691 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX031374.D
 Acq: 15 Sep 2022 23:13

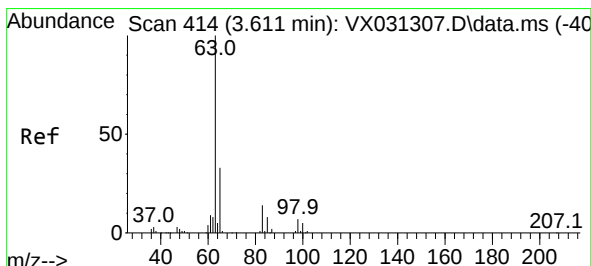
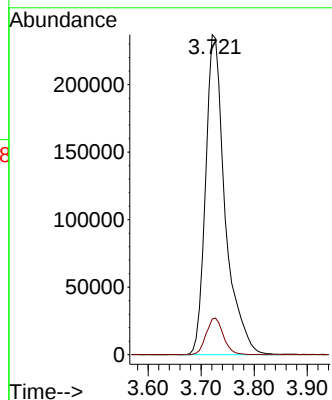
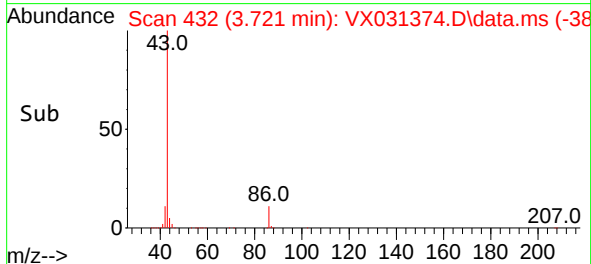
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05-3-13-090122MS



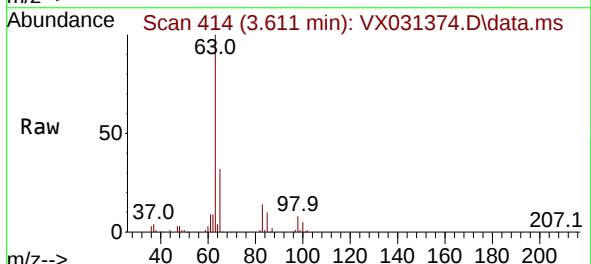
Tgt Ion: 43 Resp: 60634
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.7 13.1

Manual Integrations
 APPROVED

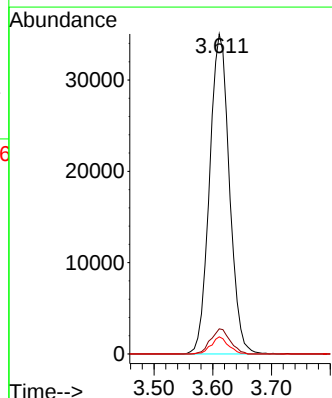
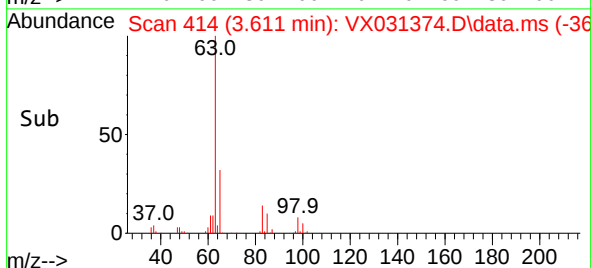
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

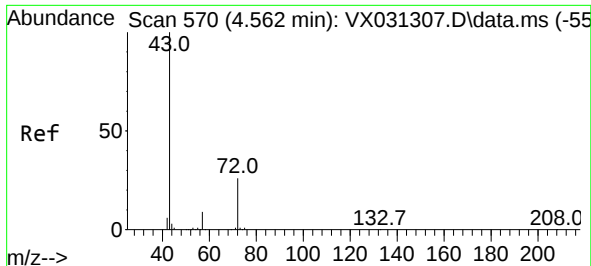


#24
 1,1-Dichloroethane
 Concen: 45.012 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031374.D
 Acq: 15 Sep 2022 23:13



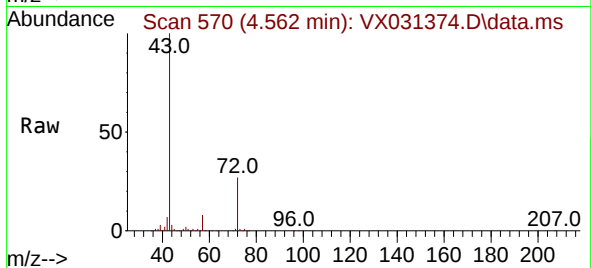
Tgt Ion: 63 Resp: 82192
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 5.3 2.4 7.2





#25
2-Butanone
Concen: 199.692 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

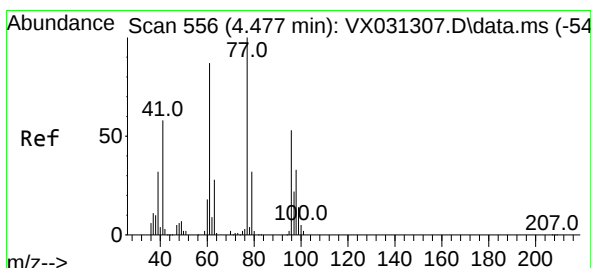
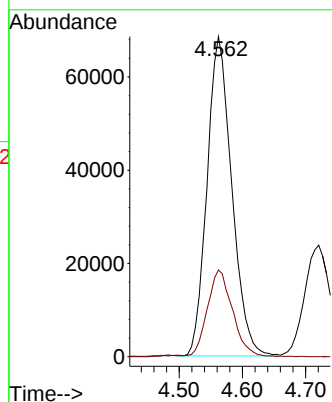
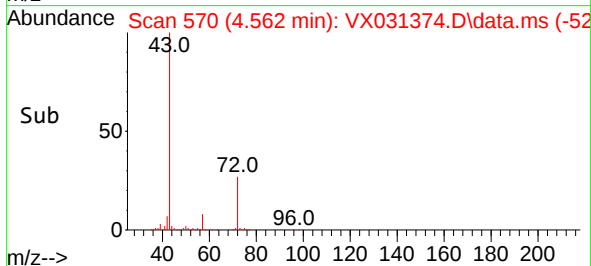
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 43 Resp: 186064
Ion Ratio Lower Upper
43 100
72 27.0 21.1 31.7

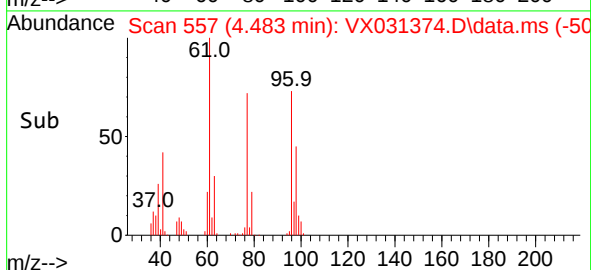
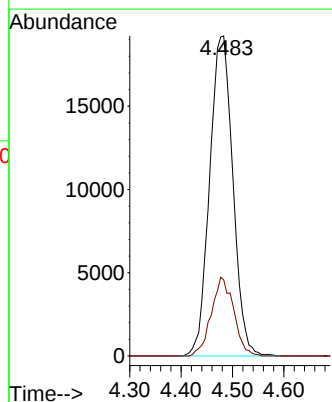
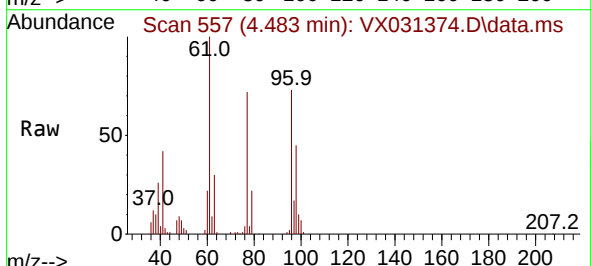
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#26
2,2-Dichloropropane
Concen: 34.834 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

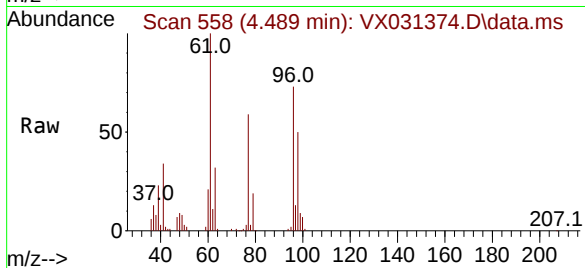
Tgt Ion: 77 Resp: 60348
Ion Ratio Lower Upper
77 100
97 23.8 10.9 32.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.434 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX031374.D
 Acq: 15 Sep 2022 23:13

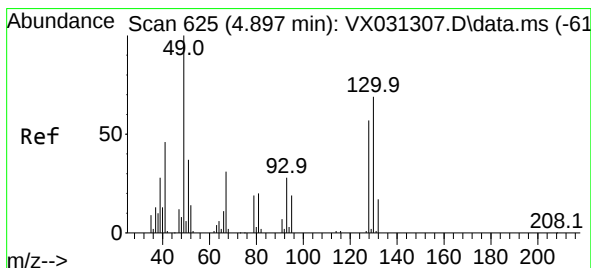
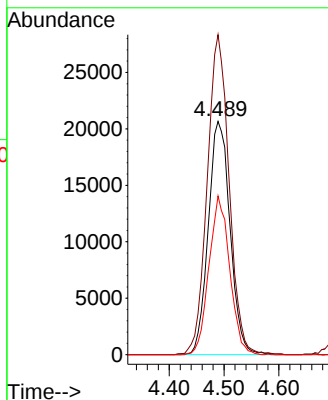
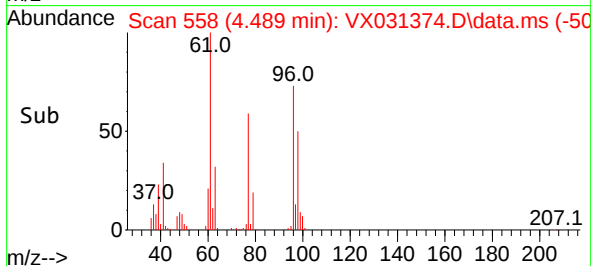
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05-3-13-090122MS



Tgt Ion: 96 Resp: 5702
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 305.2
 98 64.6 0.0 128.4

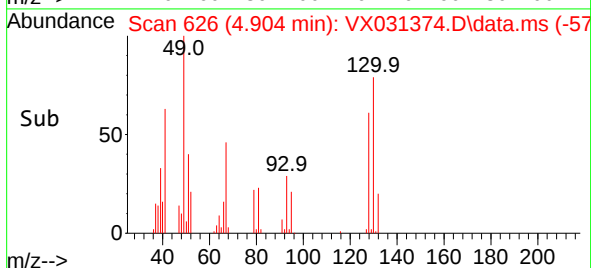
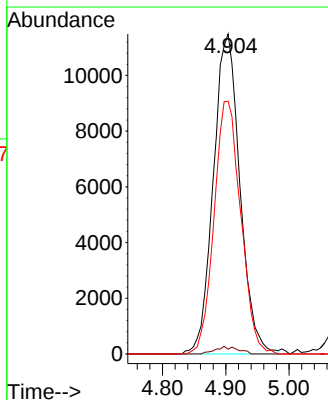
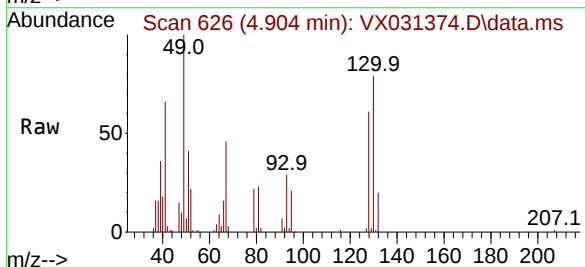
Manual Integrations
 APPROVED

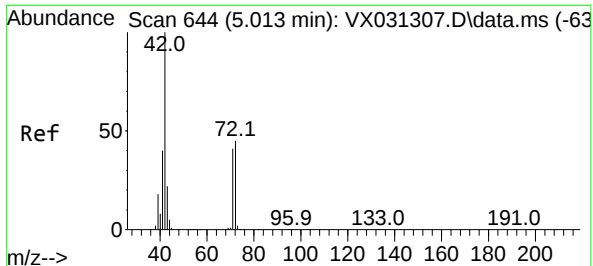
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#28
 Bromochloromethane
 Concen: 39.316 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX031374.D
 Acq: 15 Sep 2022 23:13

Tgt Ion: 49 Resp: 33463
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 79.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 208.692 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX031374.D

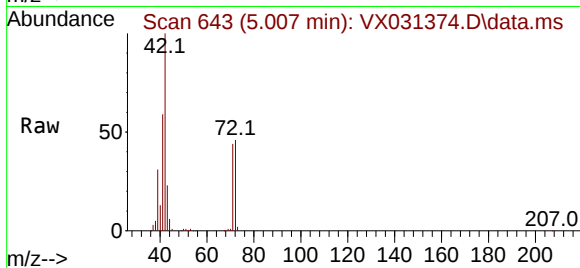
Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS



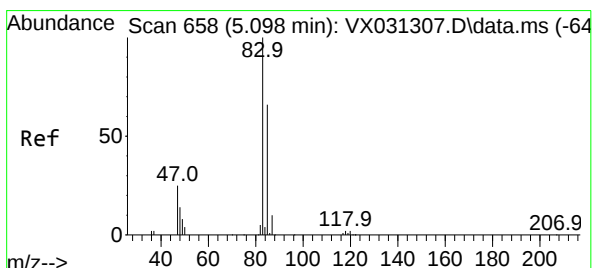
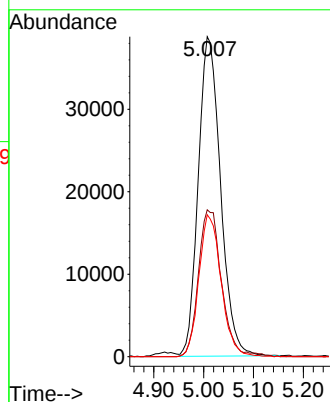
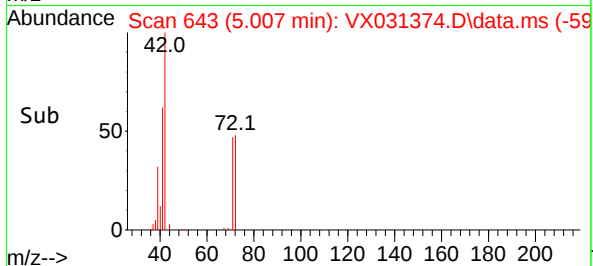
Tgt Ion:	42	Resp:	12044
Ion Ratio	100	Lower	Upper
42	100		
72	47.7	36.4	54.6
71	44.2	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 47.726 ug/l

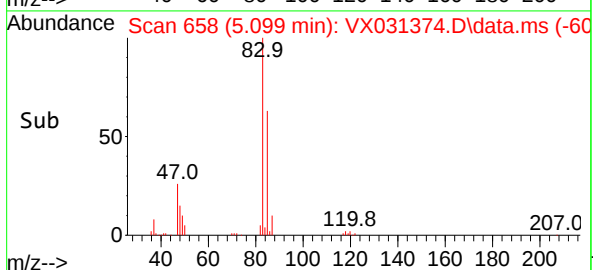
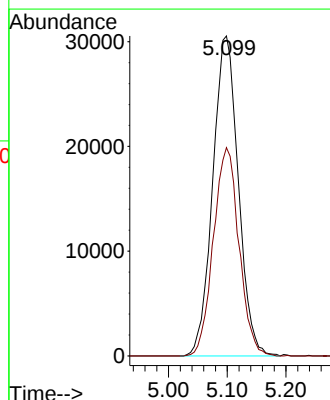
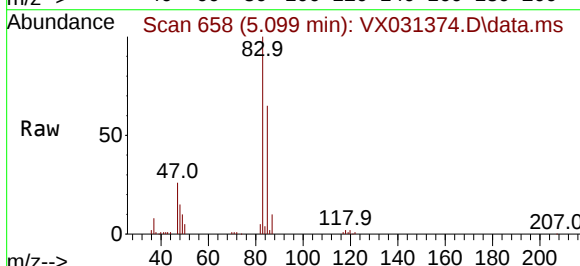
RT: 5.099 min Scan# 658

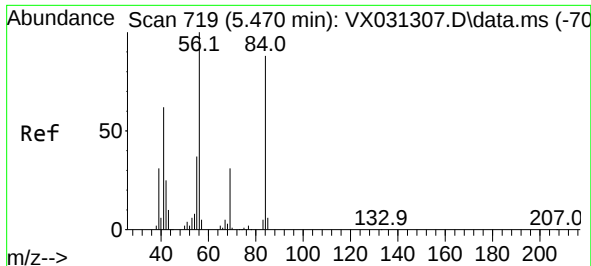
Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

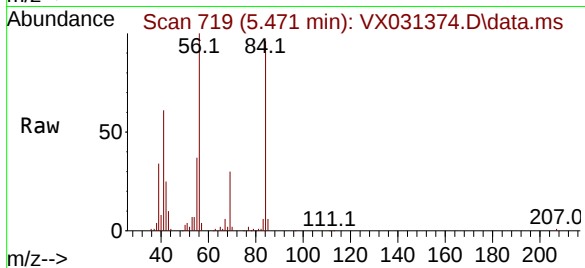
Tgt Ion:	83	Resp:	92285
Ion Ratio	100	Lower	Upper
83	100		
85	65.1	52.8	79.2





#31
Cyclohexane
Concen: 47.805 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

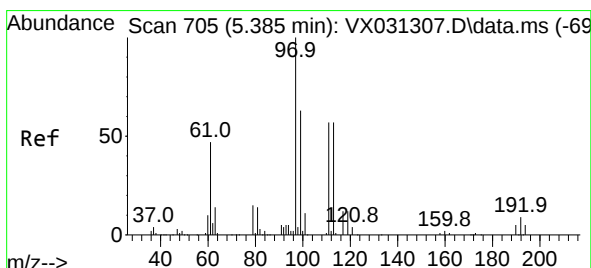
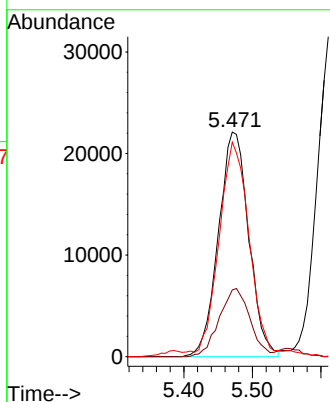
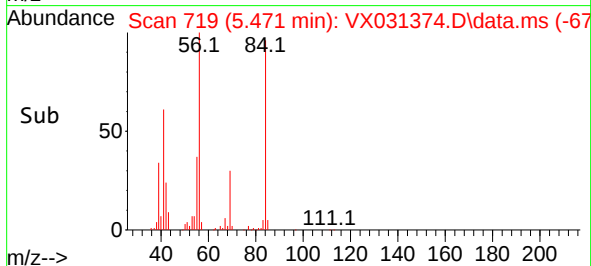
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 56 Resp: 67959
Ion Ratio Lower Upper
56 100
69 29.7 25.1 37.7
84 93.2 70.2 105.4

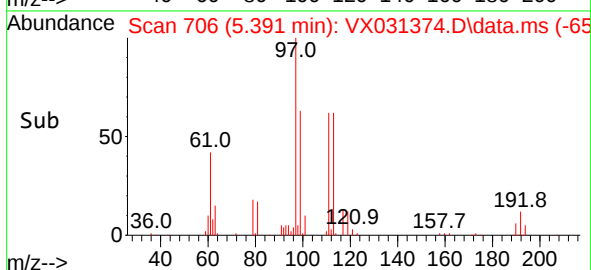
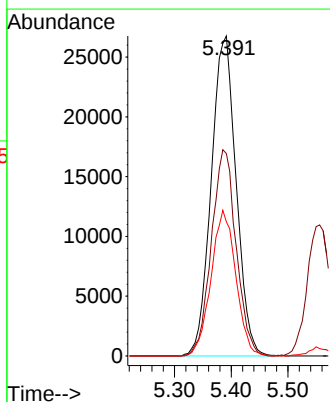
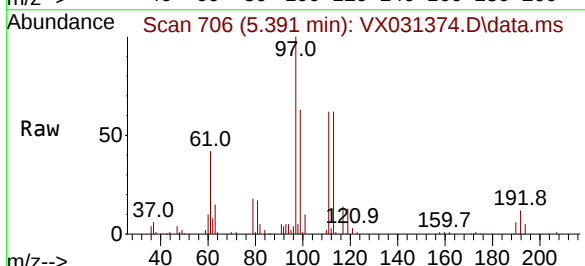
Manual Integrations
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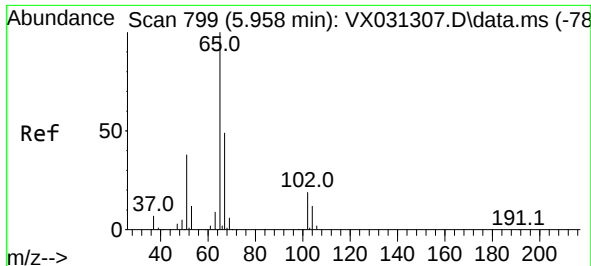
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#32
1,1,1-Trichloroethane
Concen: 47.104 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

Tgt Ion: 97 Resp: 81612
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 45.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 44.233 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS

Tgt Ion: 65 Resp: 58530

Ion Ratio Lower Upper

65 100

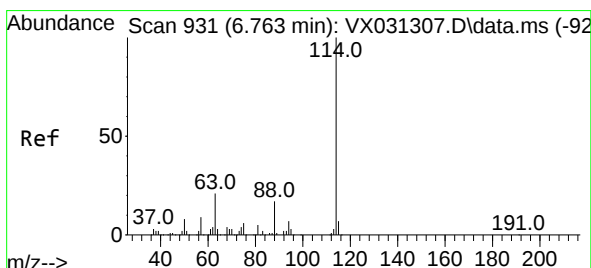
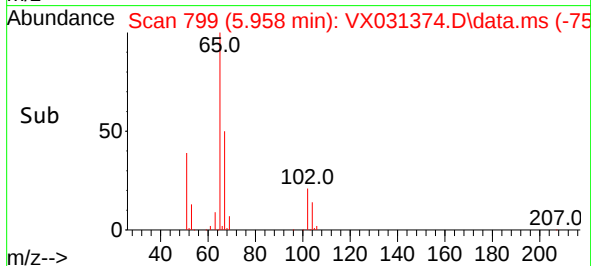
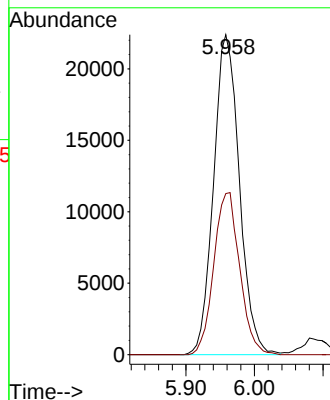
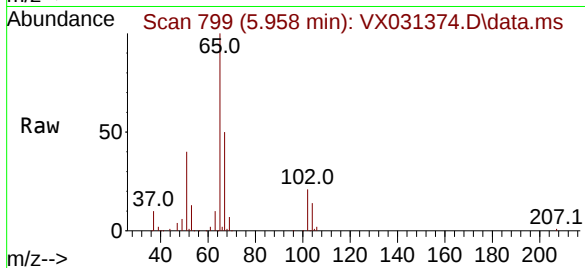
67 50.8 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

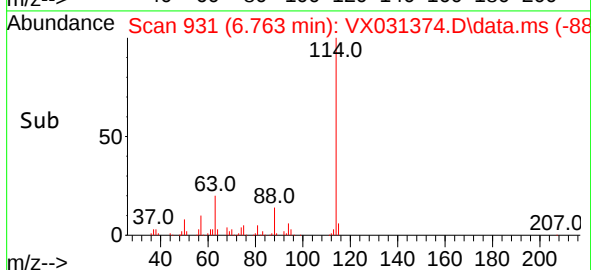
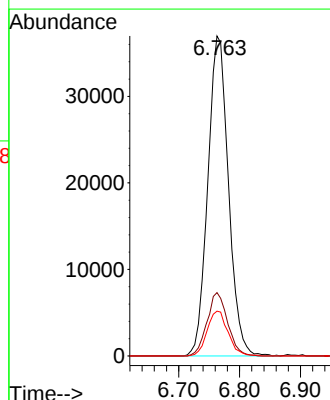
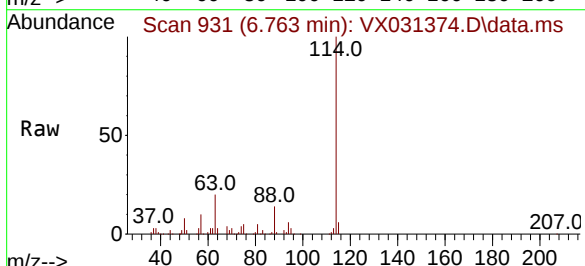
Tgt Ion:114 Resp: 87161

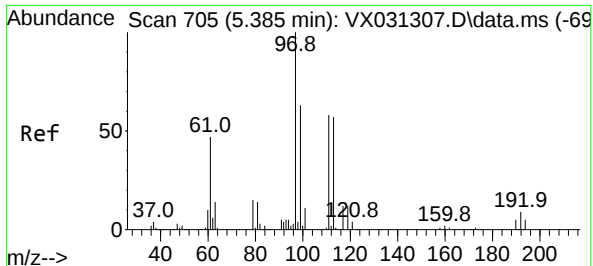
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 14.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.115 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS

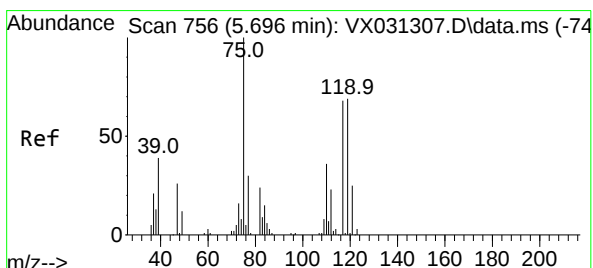
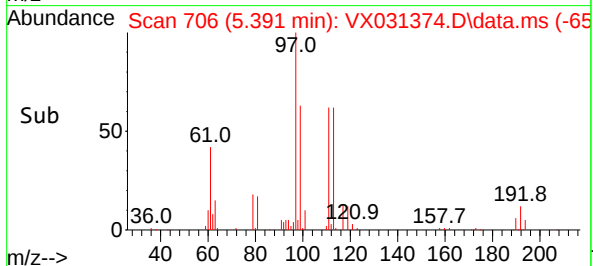
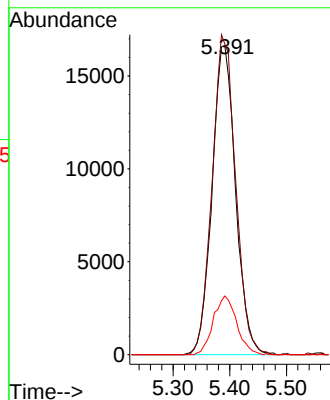
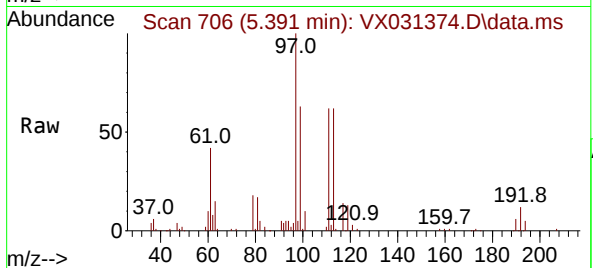
Tgt Ion:	113	Resp:	4789
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	18.9	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#36

1,1-Dichloropropene

Concen: 49.379 ug/l

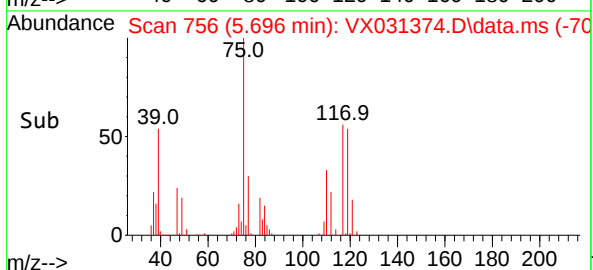
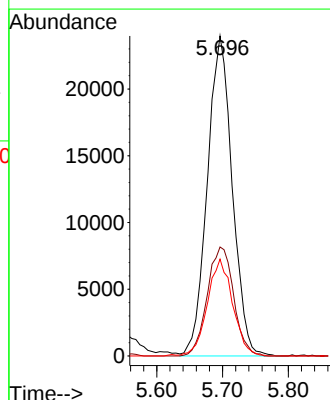
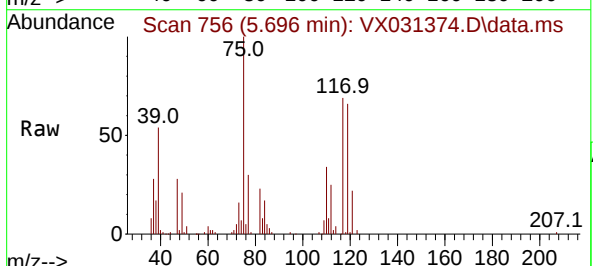
RT: 5.696 min Scan# 756

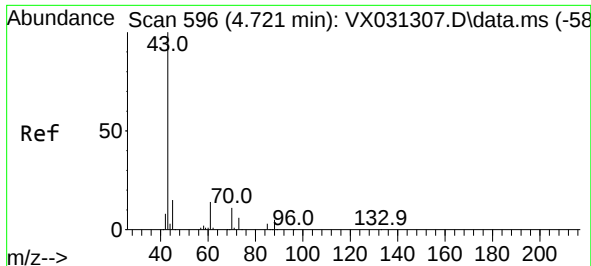
Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Tgt Ion:	75	Resp:	63323
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.5	52.5
77	30.8	24.9	37.3





#37

Ethyl Acetate

Concen: 40.919 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS

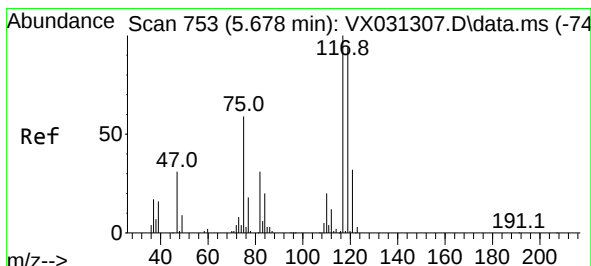
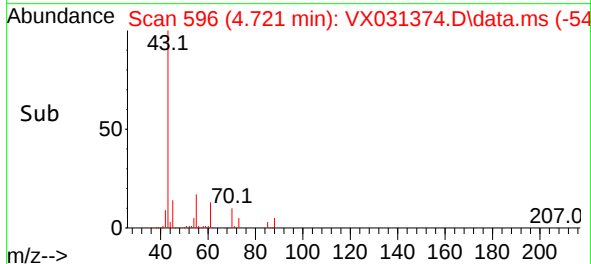
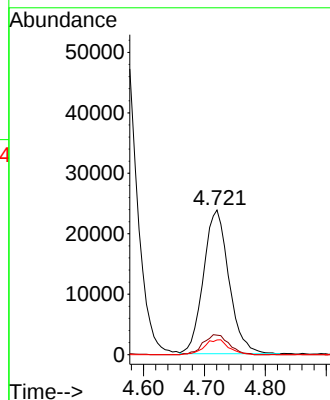
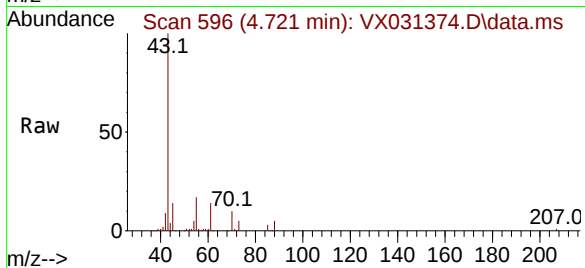
Tgt Ion:	43	Resp:	6895
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.1	16.7
70	10.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#38

Carbon Tetrachloride

Concen: 49.509 ug/l

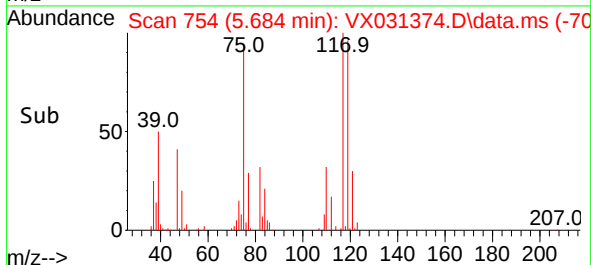
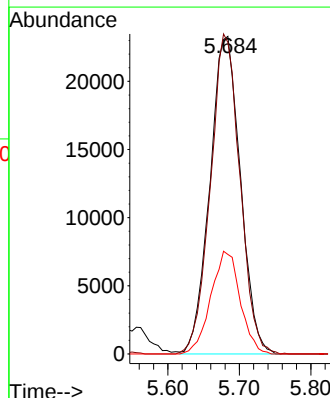
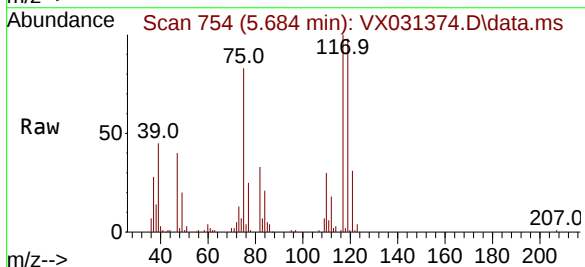
RT: 5.684 min Scan# 754

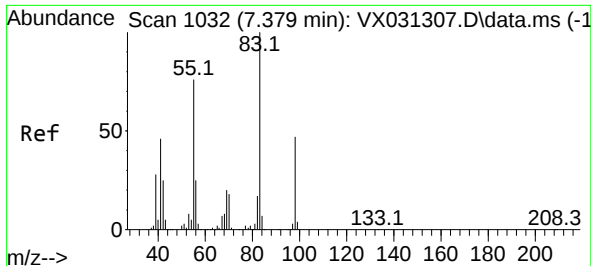
Delta R.T. 0.006 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Tgt Ion:	117	Resp:	69013
Ion Ratio	Lower	Upper	
117	100		
119	98.1	74.6	112.0
121	31.4	25.3	37.9





#39

Methylcyclohexane

Concen: 50.355 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS

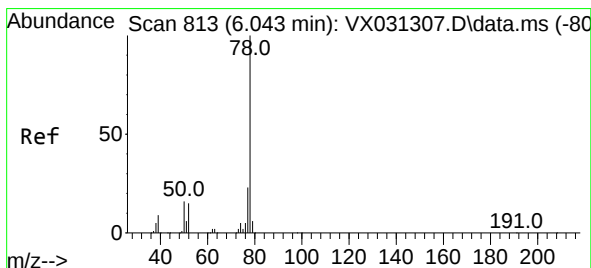
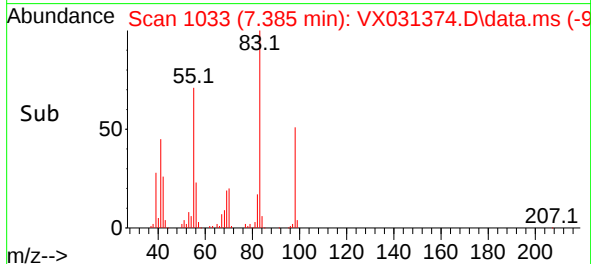
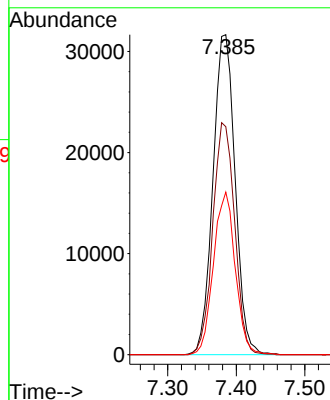
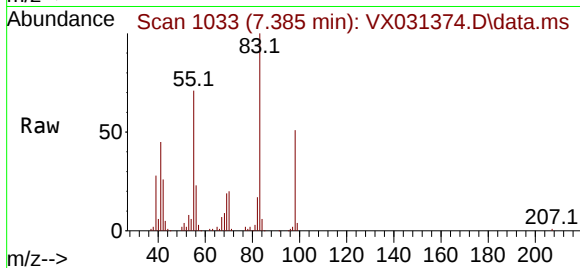
Tgt Ion: 83	Resp: 7111
Ion Ratio	Lower Upper
83	100
55	71.2 61.0 91.4
98	50.8 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 52.208 ug/l

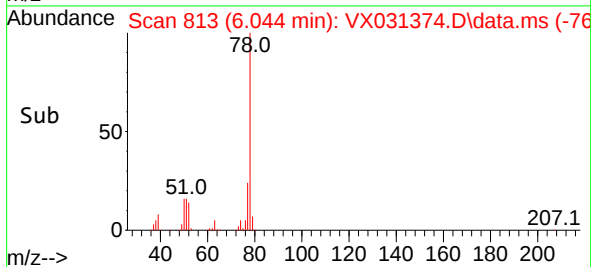
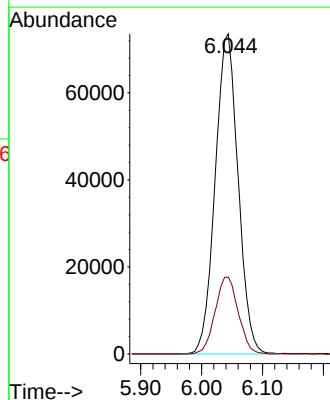
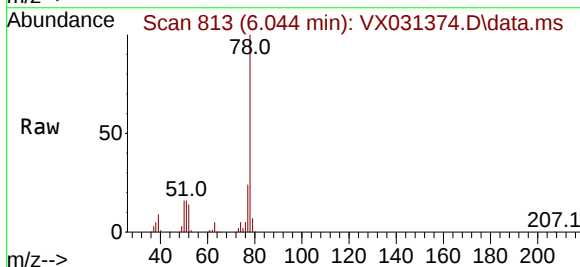
RT: 6.044 min Scan# 813

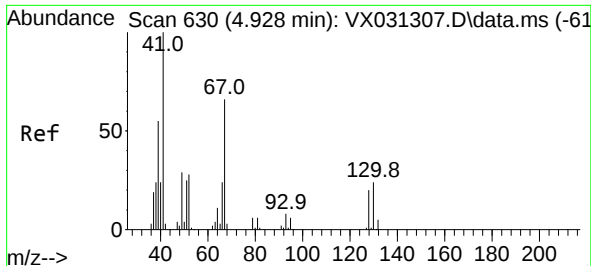
Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

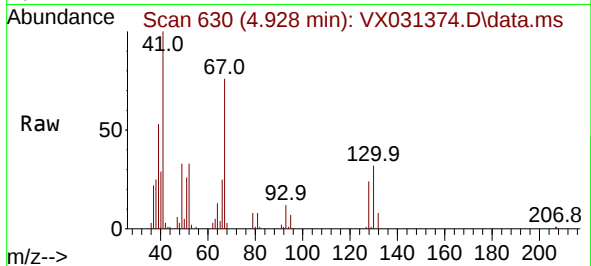
Tgt Ion: 78	Resp: 192258
Ion Ratio	Lower Upper
78	100
77	24.1 18.7 28.1





#41
Methacrylonitrile
Concen: 42.870 ug/l
RT: 4.928 min Scan# 613
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

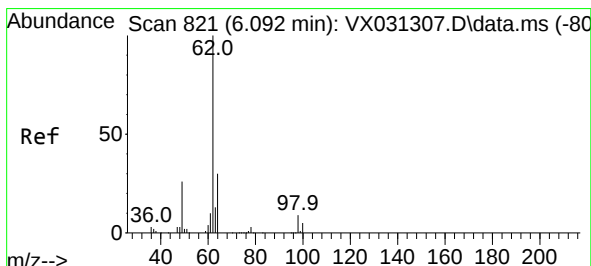
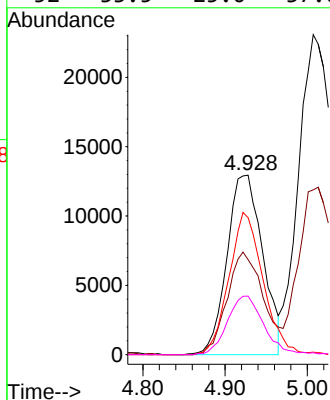
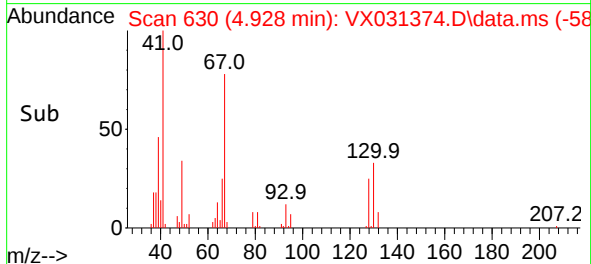
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion:	41	Ratio	100	Lower	Upper
39	59.1	45.0	67.6		
67	76.1	58.2	87.4		
52	33.5	25.0	37.6		

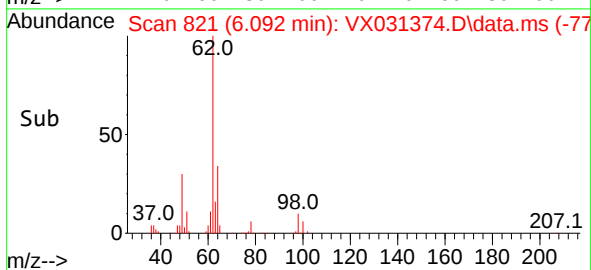
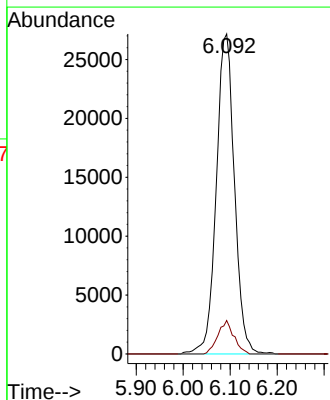
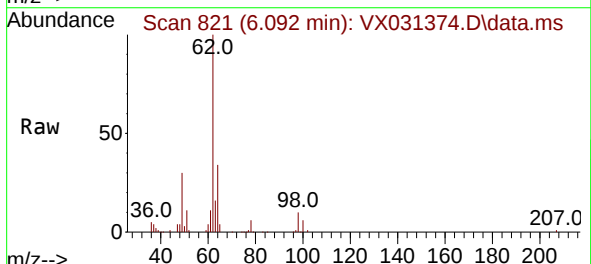
Manual Integrations
APPROVED

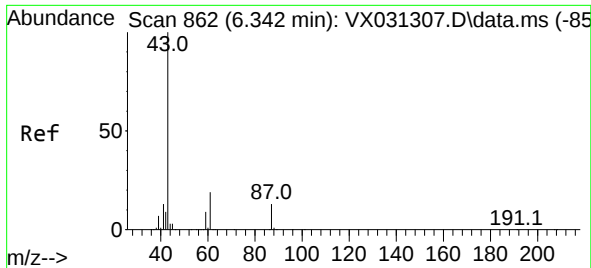
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#42
1,2-Dichloroethane
Concen: 49.217 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

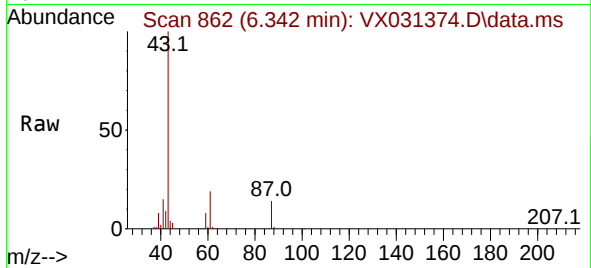
Tgt Ion:	62	Ratio	100	Lower	Upper
98	9.2	0.0	17.8		





#43
Isopropyl Acetate
Concen: 41.697 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

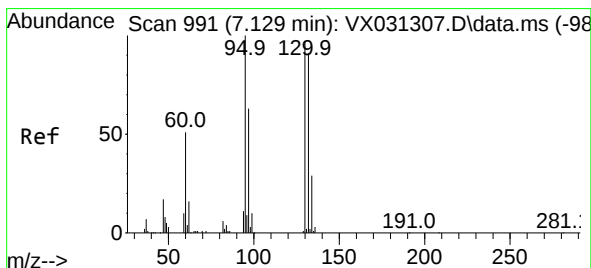
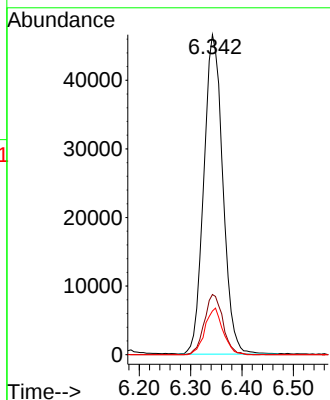
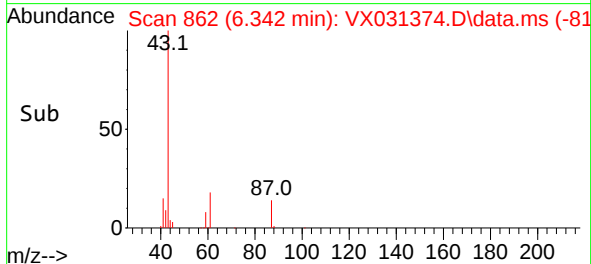
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 43 Resp: 119940
Ion Ratio Lower Upper
43 100
61 18.4 15.3 22.9
87 13.8 10.6 15.8

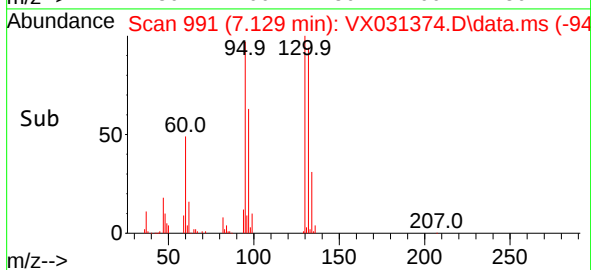
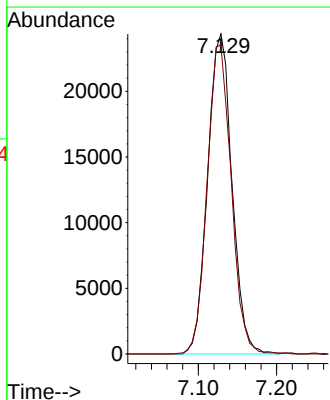
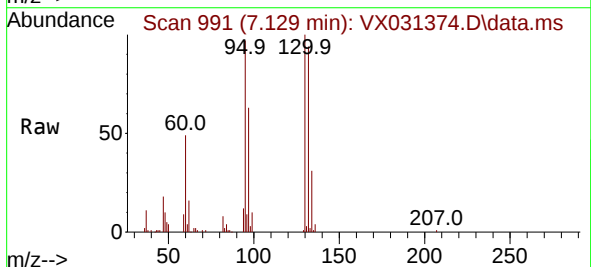
Manual Integrations
APPROVED

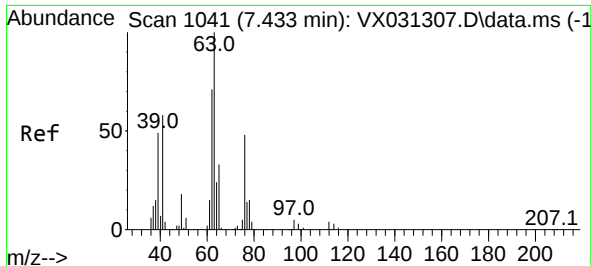
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#44
Trichloroethene
Concen: 56.070 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

Tgt Ion:130 Resp: 52644
Ion Ratio Lower Upper
130 100
95 96.4 0.0 206.8





#45

1,2-Dichloropropane

Concen: 47.936 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS

Tgt Ion: 63 Resp: 4832

Ion Ratio Lower Upper

63 100

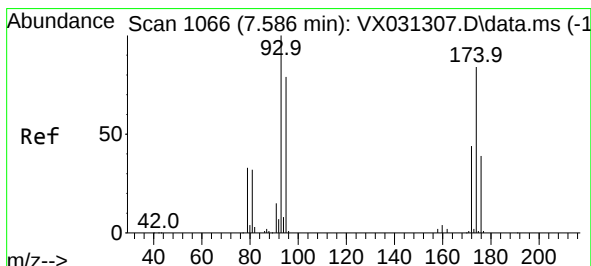
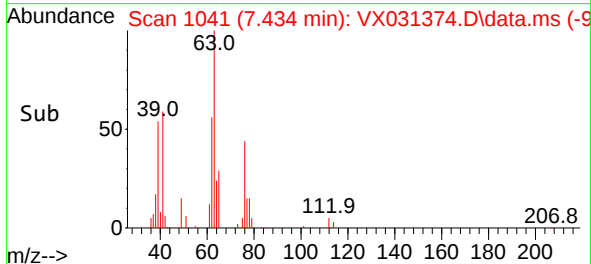
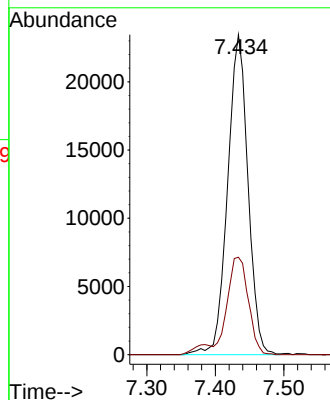
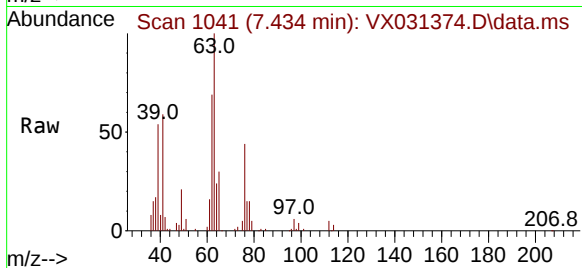
65 30.5 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 51.687 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

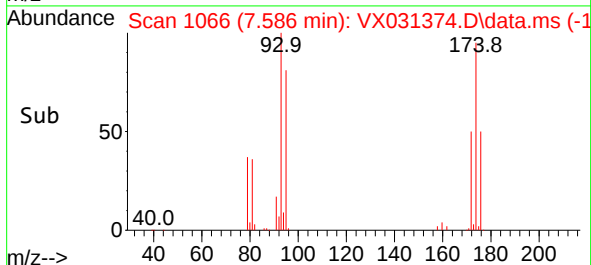
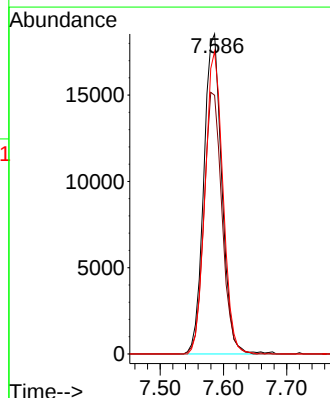
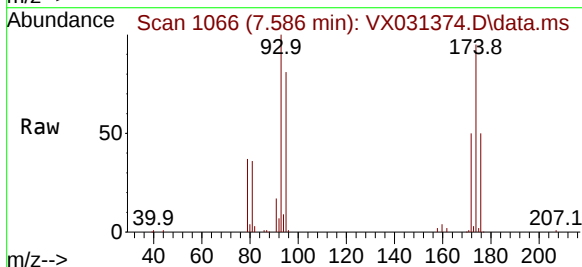
Tgt Ion: 93 Resp: 36954

Ion Ratio Lower Upper

93 100

95 81.2 65.5 98.3

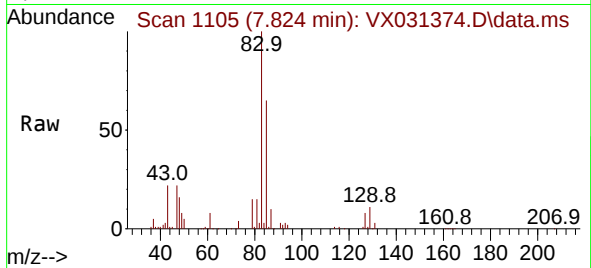
174 92.8 67.6 101.4





#47
Bromodichloromethane
Concen: 48.654 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

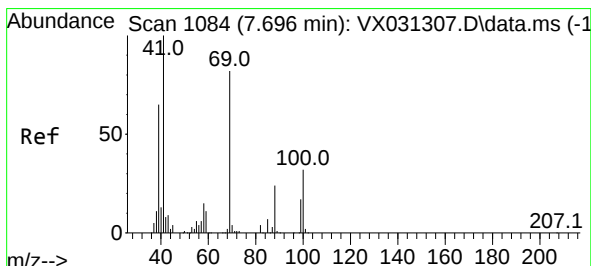
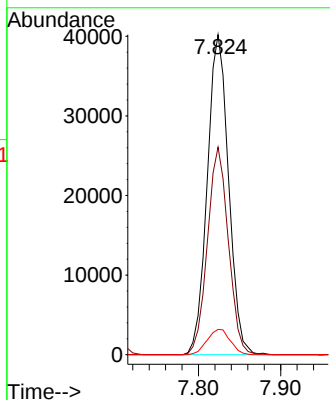
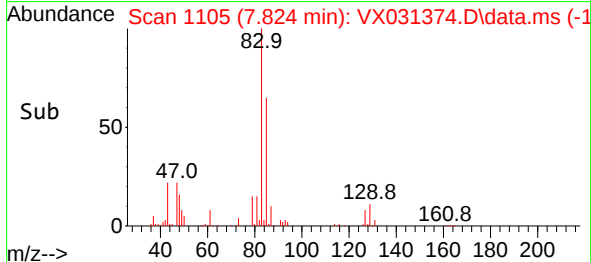
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 83 Resp: 72350
Ion Ratio Lower Upper
83 100
85 64.9 51.0 76.6
127 7.9 7.0 10.6

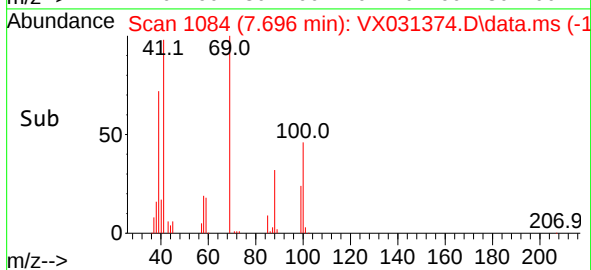
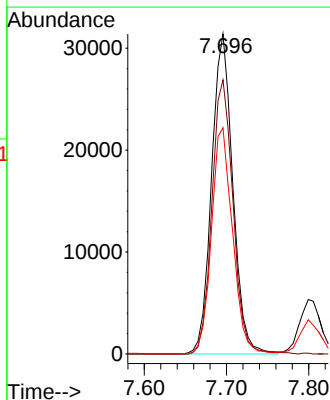
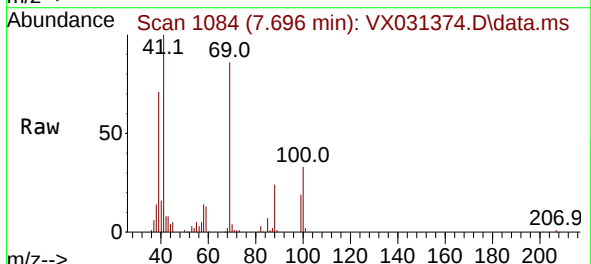
Manual Integrations
APPROVED

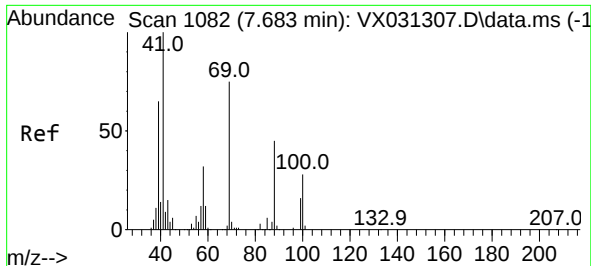
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#48
Methyl methacrylate
Concen: 42.904 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

Tgt Ion: 41 Resp: 56183
Ion Ratio Lower Upper
41 100
69 85.5 64.6 96.8
39 70.6 51.4 77.0





#49

1,4-Dioxane

Concen: 920.209 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VX031374.D

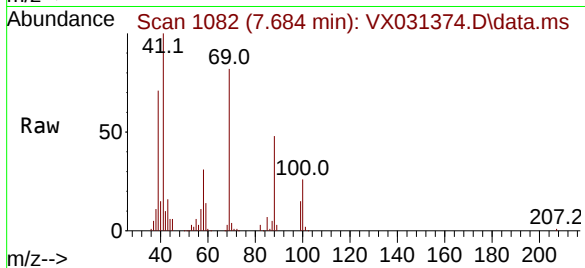
Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS

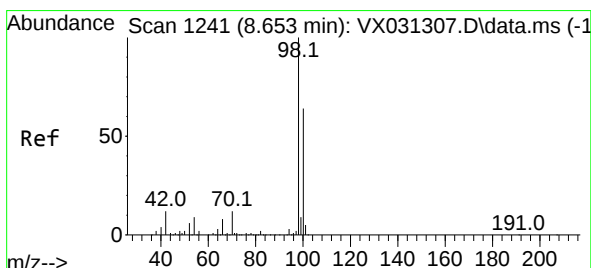
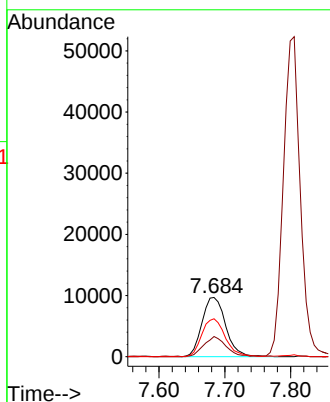
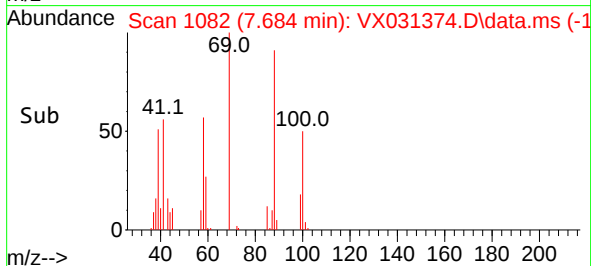


Tgt Ion:	88	Resp:	2416
Ion	Ratio	Lower	Upper
88	100		
43	32.6	27.1	40.7
58	63.3	53.9	80.9

Manual Integrations
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Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 51.394 ug/l

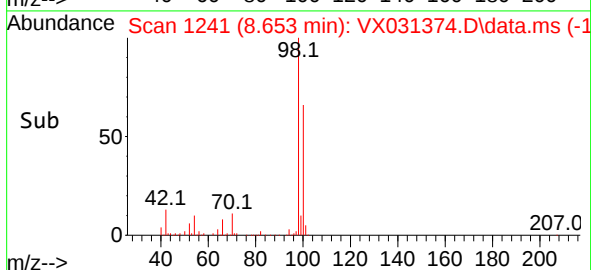
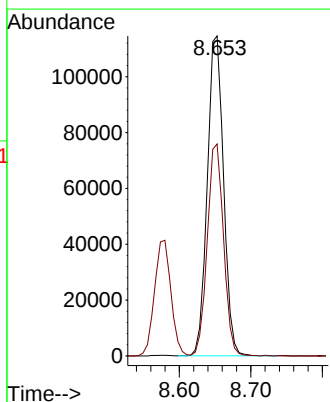
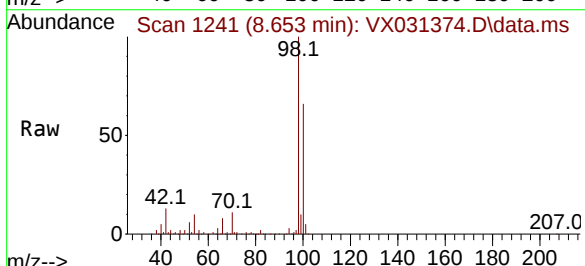
RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Tgt Ion:	98	Resp:	180625
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 228.759 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS

Tgt Ion: 43 Resp: 39998

Ion Ratio Lower Upper

43 100

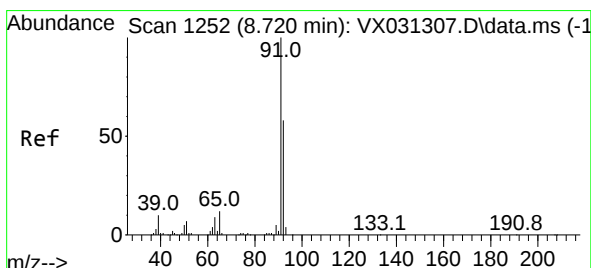
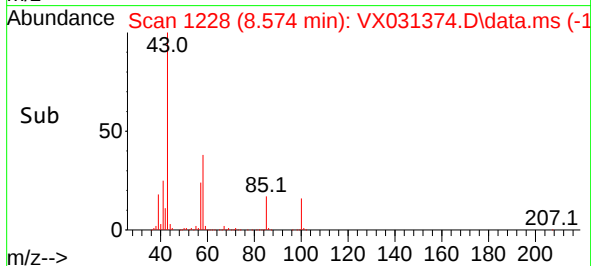
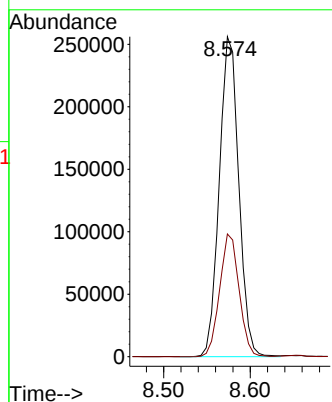
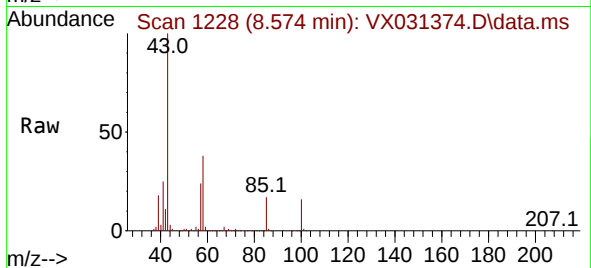
58 38.2 30.6 46.0

Manual Integrations

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Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#52

Toluene

Concen: 54.576 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX031374.D

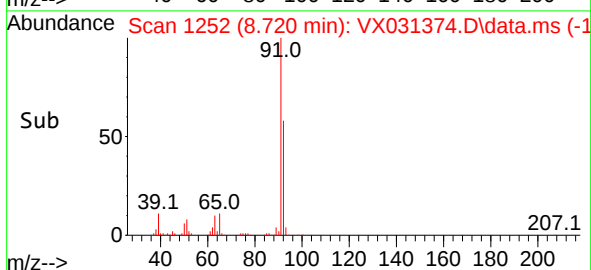
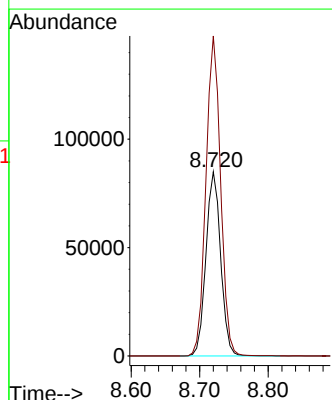
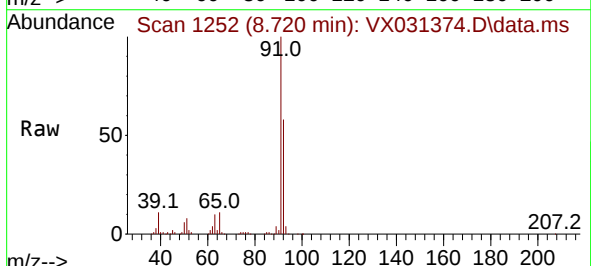
Acq: 15 Sep 2022 23:13

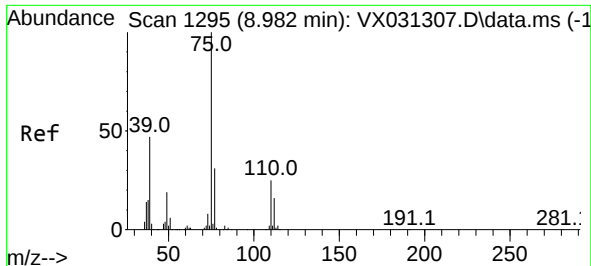
Tgt Ion: 92 Resp: 127132

Ion Ratio Lower Upper

92 100

91 172.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 45.898 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS

Tgt Ion: 75 Resp: 76809

Ion Ratio Lower Upper

75 100

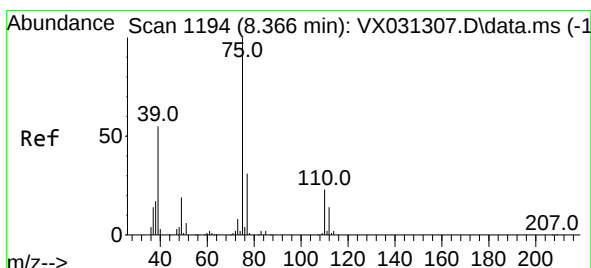
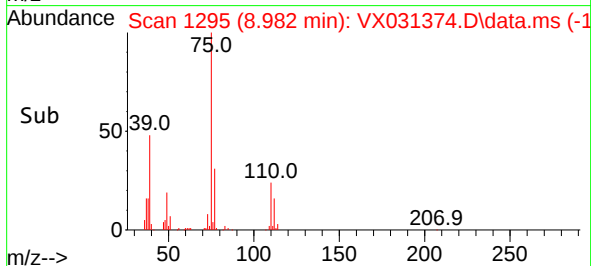
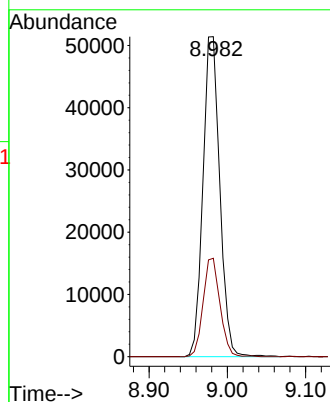
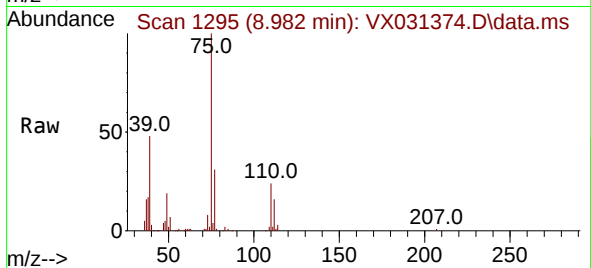
77 30.8 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#54

cis-1,3-Dichloropropene

Concen: 45.063 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

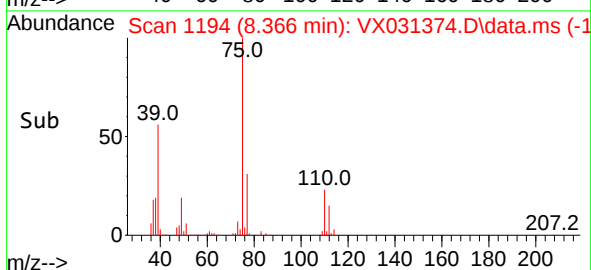
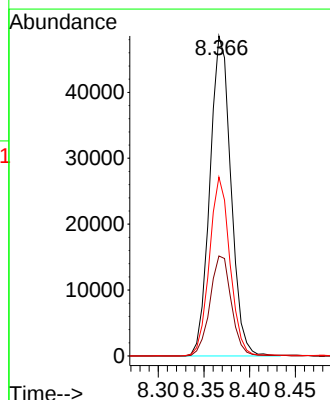
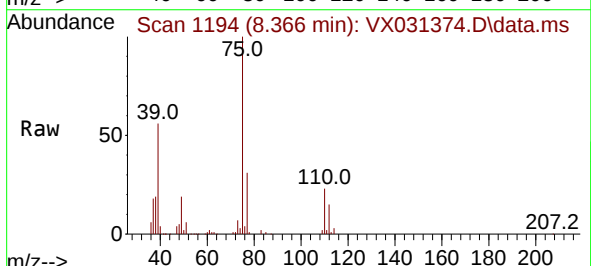
Tgt Ion: 75 Resp: 77497

Ion Ratio Lower Upper

75 100

77 31.2 24.4 36.6

39 55.9 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 52.500 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS

Tgt Ion: 97 Resp: 5398

Ion Ratio Lower Upper

97 100

83 86.3 69.0 103.6

85 56.2 44.1 66.1

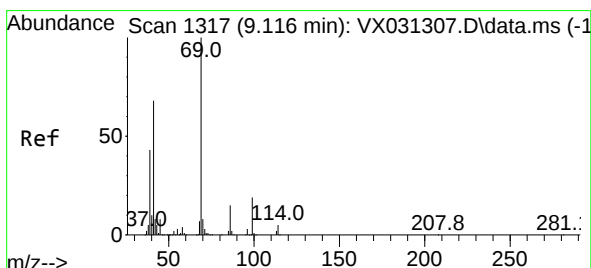
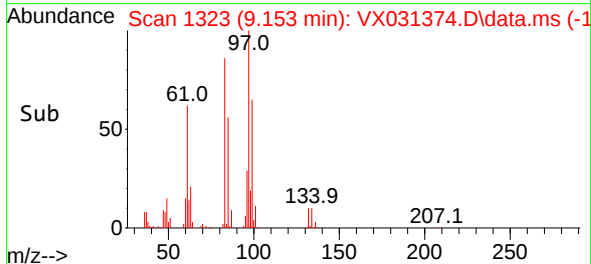
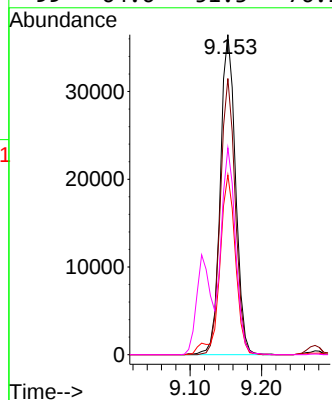
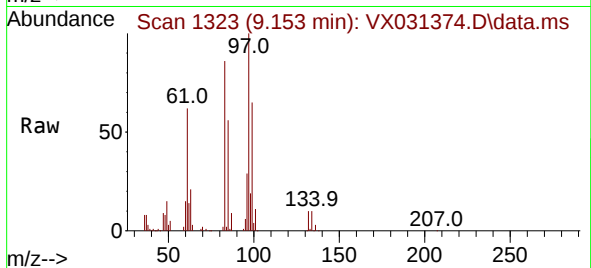
99 64.6 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#56

Ethyl methacrylate

Concen: 48.148 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

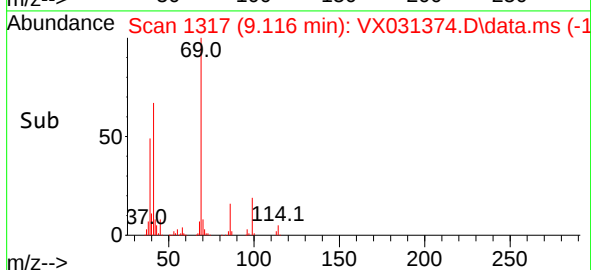
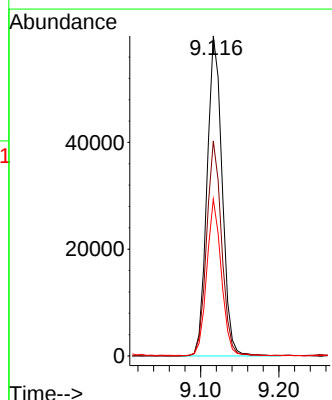
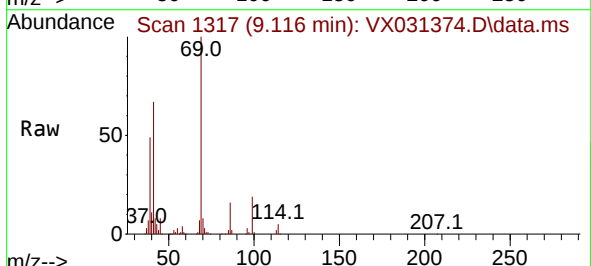
Tgt Ion: 69 Resp: 80151

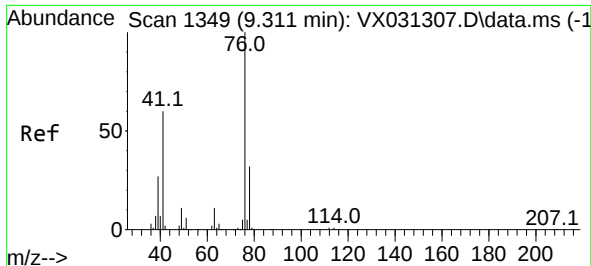
Ion Ratio Lower Upper

69 100

41 66.6 54.2 81.4

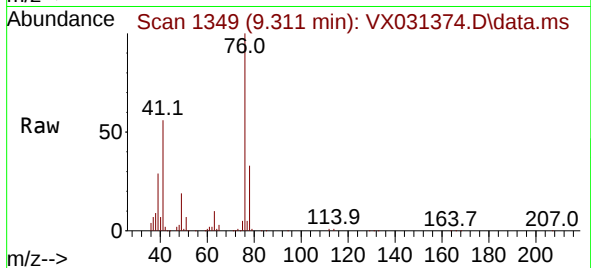
39 47.1 34.2 51.2





#57
1,3-Dichloropropane
Concen: 49.450 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

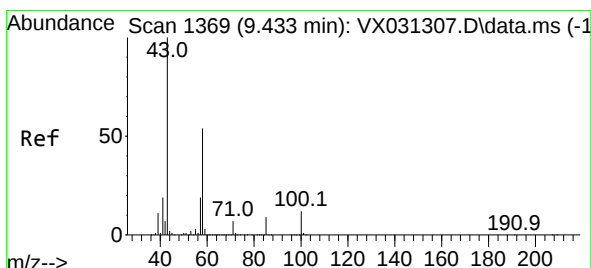
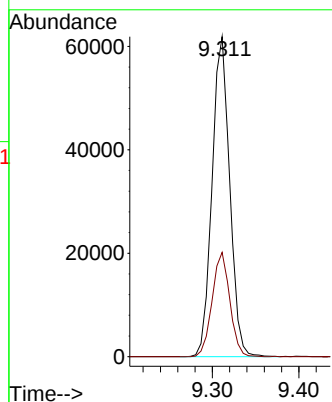
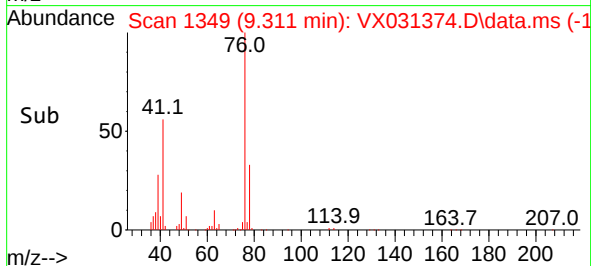
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 76 Resp: 8737
Ion Ratio Lower Upper
76 100
78 32.6 25.5 38.3

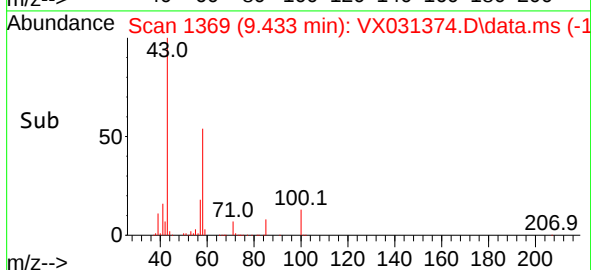
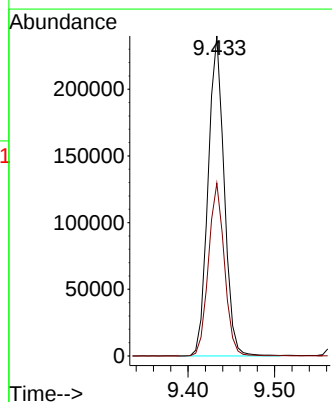
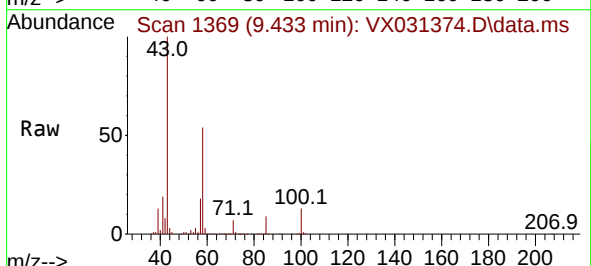
Manual Integrations
APPROVED

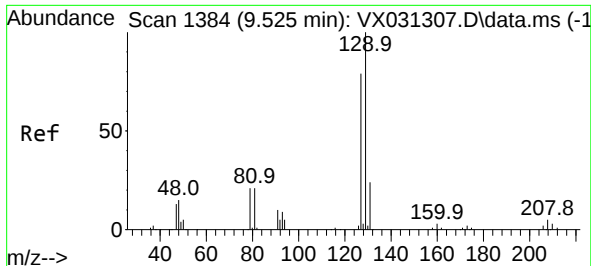
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#59
2-Hexanone
Concen: 231.437 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

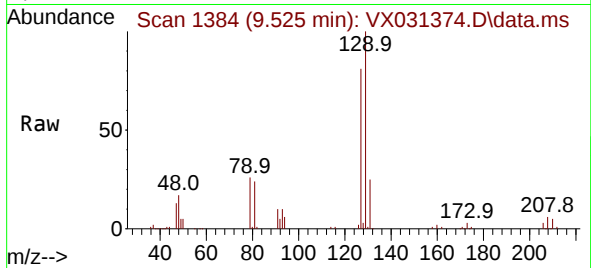
Tgt Ion: 43 Resp: 308855
Ion Ratio Lower Upper
43 100
58 53.7 26.7 80.0





#60
 Dibromochloromethane
 Concen: 52.040 ug/l
 RT: 9.525 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VX031374.D
 Acq: 15 Sep 2022 23:13

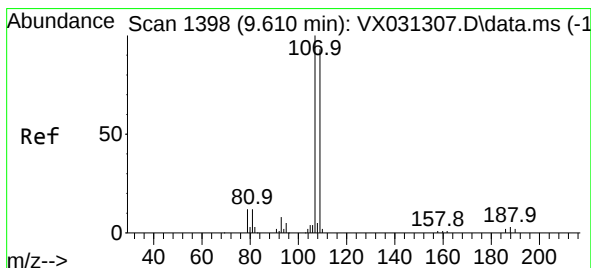
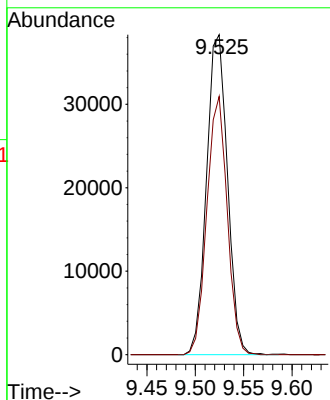
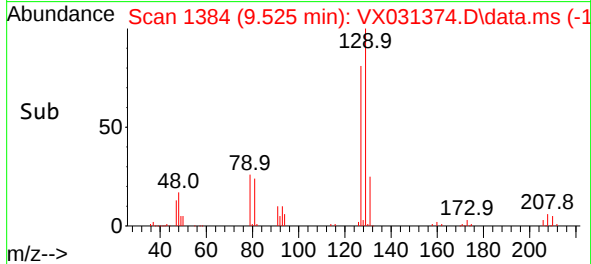
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05-3-13-090122MS



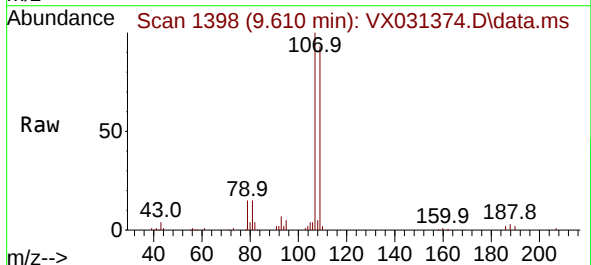
Tgt Ion:129 Resp: 57692
 Ion Ratio Lower Upper
 129 100
 127 78.3 38.7 116.1

Manual Integrations
 APPROVED

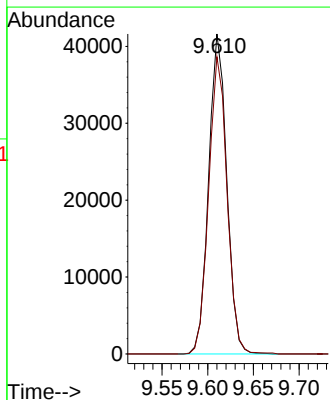
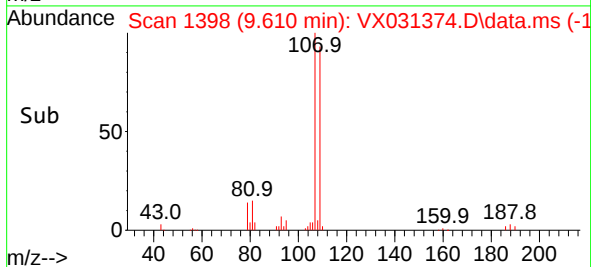
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

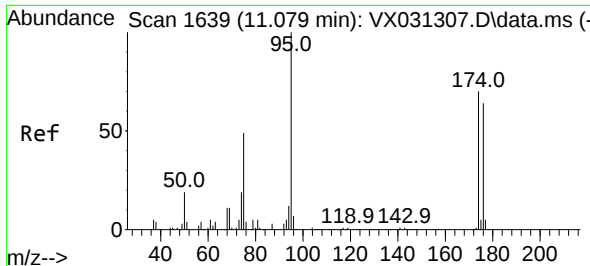


#61
 1,2-Dibromoethane
 Concen: 54.186 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.000 min
 Lab File: VX031374.D
 Acq: 15 Sep 2022 23:13



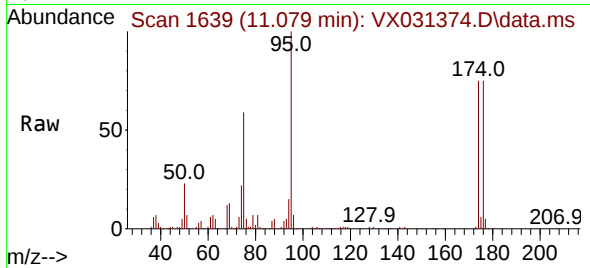
Tgt Ion:107 Resp: 57175
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.2 111.4





#62
4-Bromofluorobenzene
Concen: 50.567 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

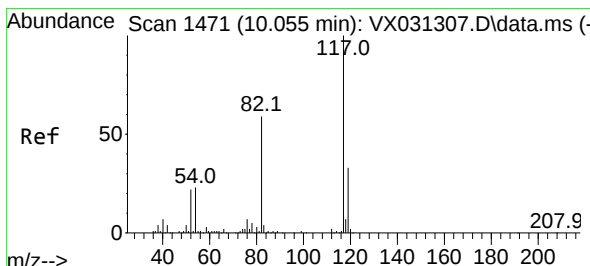
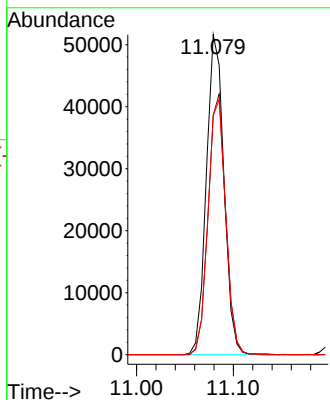
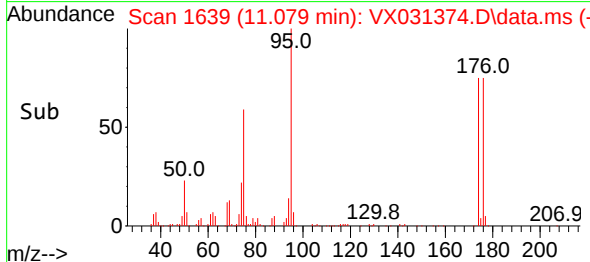
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



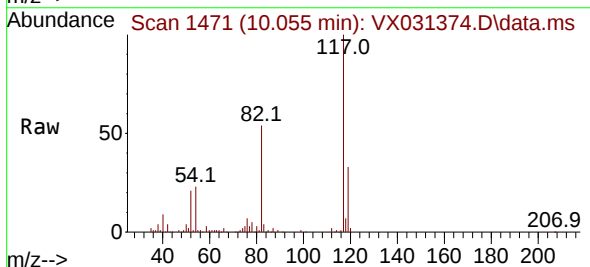
Tgt Ion: 95 Resp: 65079
Ion Ratio Lower Upper
95 100
174 80.8 0.0 153.2
176 80.5 0.0 144.0

Manual Integrations
APPROVED

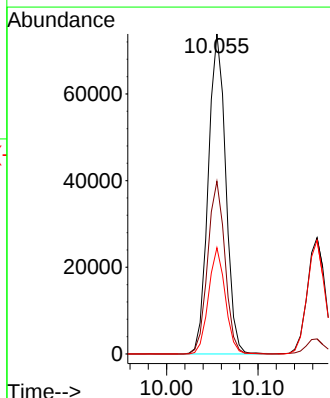
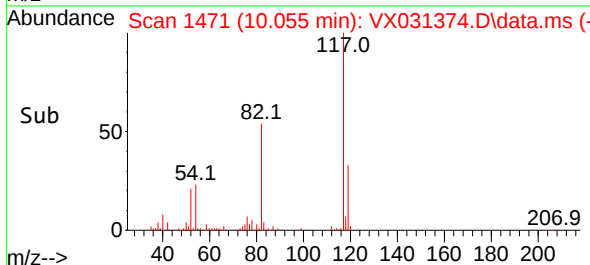
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

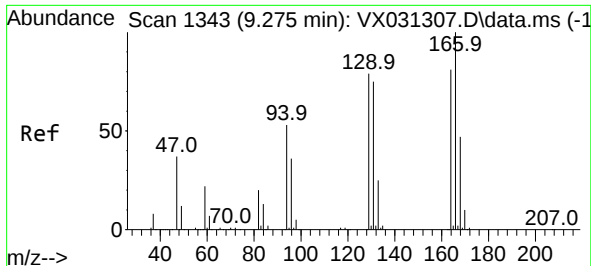


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13



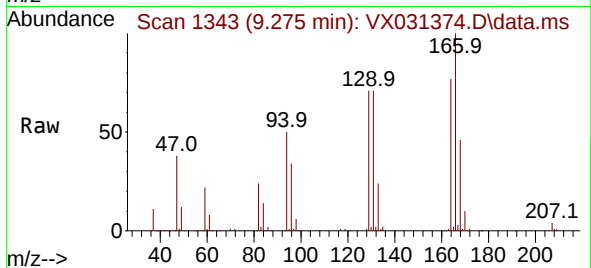
Tgt Ion:117 Resp: 97769
Ion Ratio Lower Upper
117 100
82 54.0 46.8 70.2
119 33.2 26.4 39.6





#64
Tetrachloroethene
Concen: 55.366 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

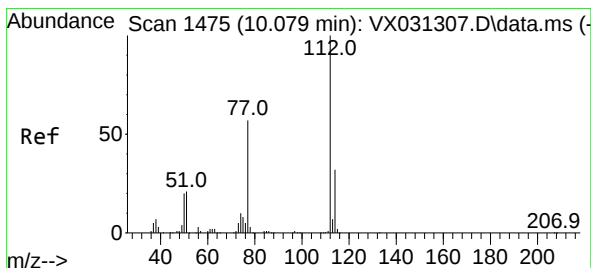
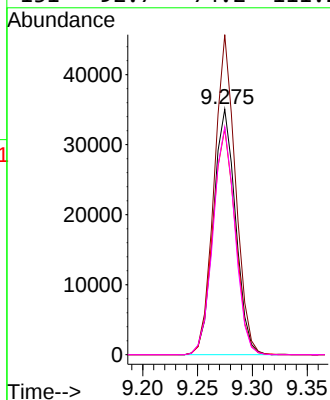
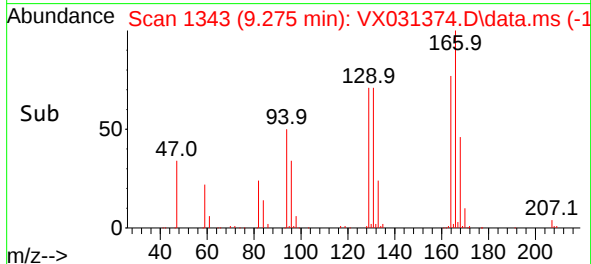
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion:164 Resp: 49492
Ion Ratio Lower Upper
164 100
166 130.3 99.0 148.4
129 92.0 78.0 117.0
131 92.7 74.2 111.2

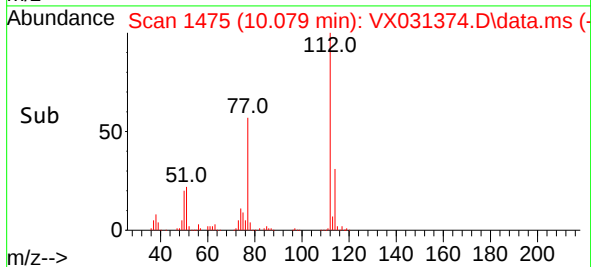
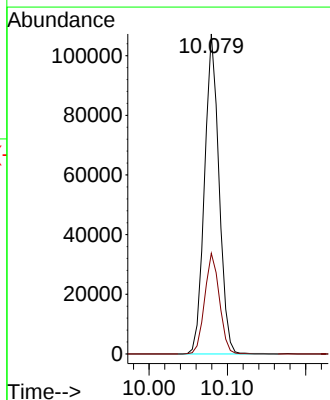
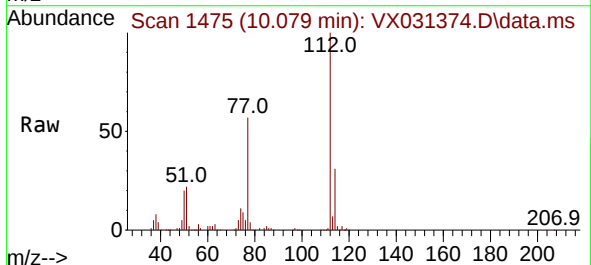
Manual Integrations
APPROVED

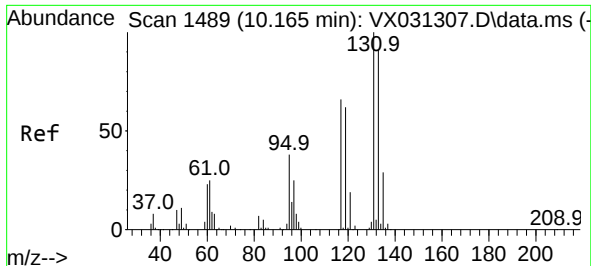
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#65
Chlorobenzene
Concen: 53.158 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

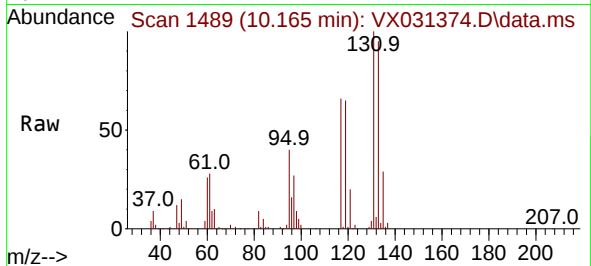
Tgt Ion:112 Resp: 137647
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 51.697 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

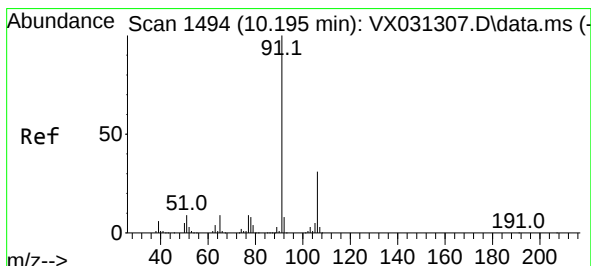
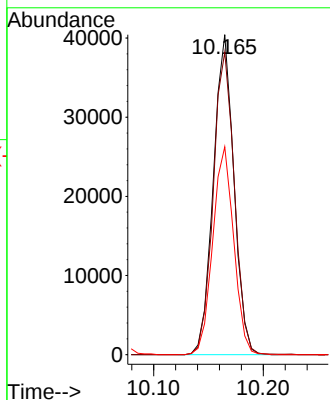
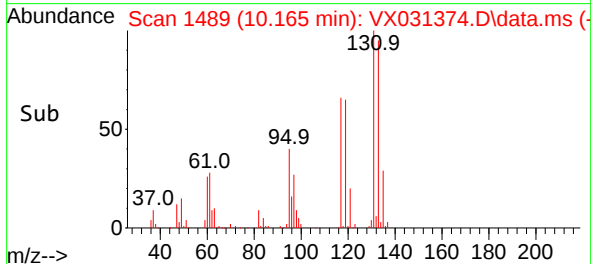
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 131 Resp: 5274
Ion Ratio Lower Upper
131 100
133 97.1 46.6 139.7
119 66.2 31.9 95.9

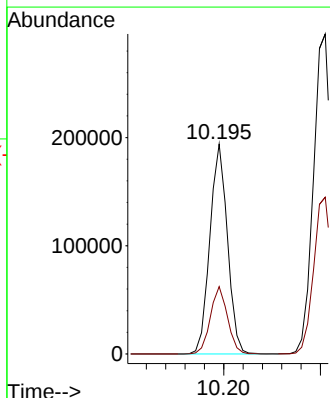
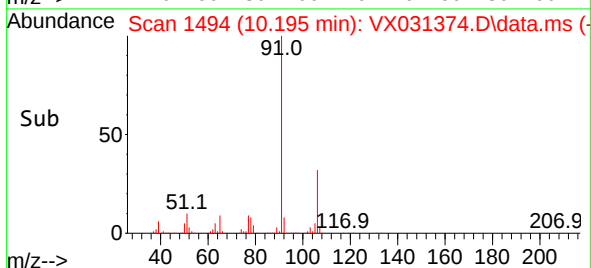
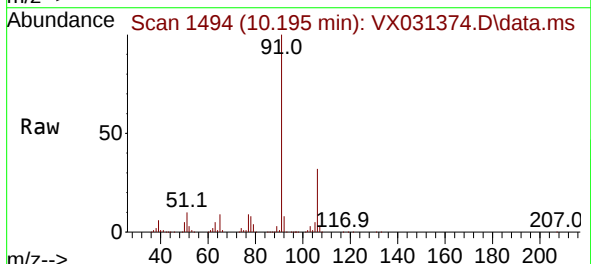
Manual Integrations
APPROVED

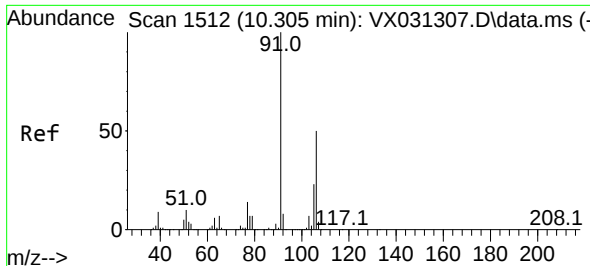
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#67
Ethyl Benzene
Concen: 52.137 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

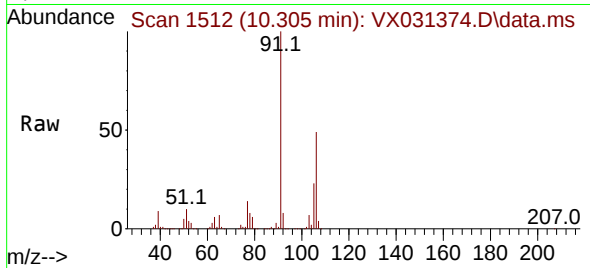
Tgt Ion: 91 Resp: 244527
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8





#68
m/p-Xylenes
Concen: 109.395 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

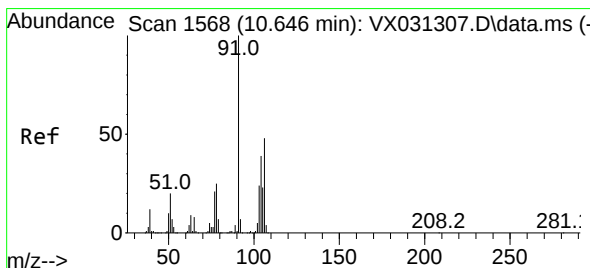
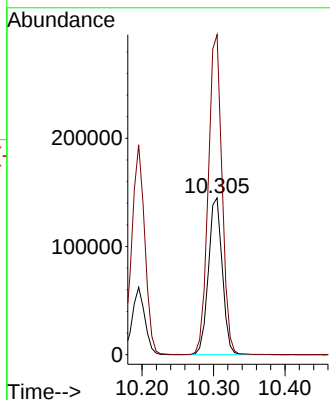
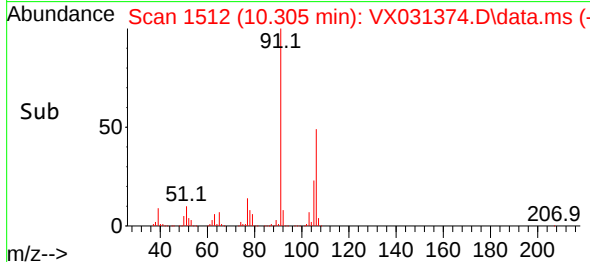
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



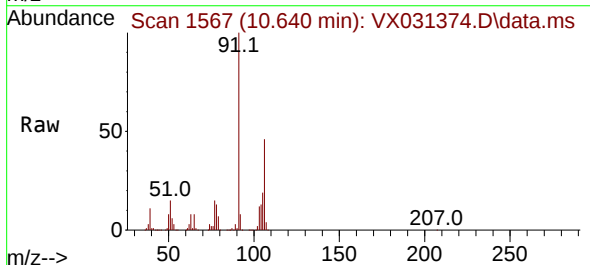
Tgt Ion:106 Resp: 194819
Ion Ratio Lower Upper
106 100
91 203.0 161.0 241.4

Manual Integrations
APPROVED

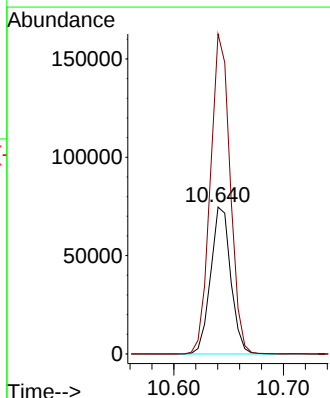
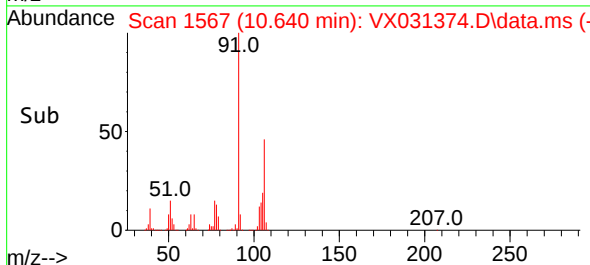
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

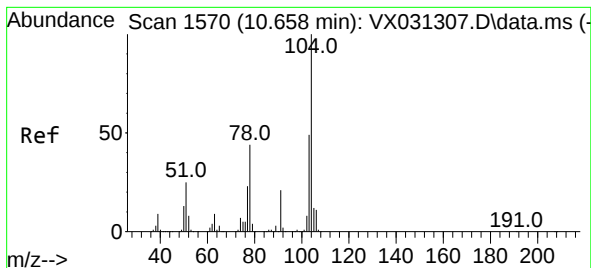


#69
o-Xylene
Concen: 52.575 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13



Tgt Ion:106 Resp: 95099
Ion Ratio Lower Upper
106 100
91 214.8 107.2 321.6





#70

Styrene

Concen: 55.006 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS

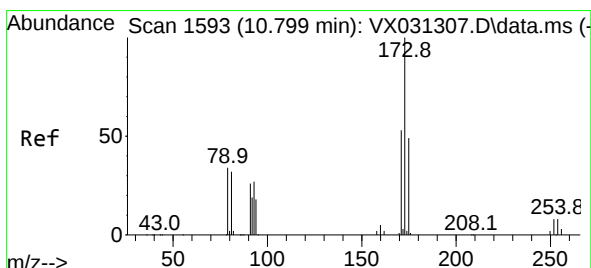
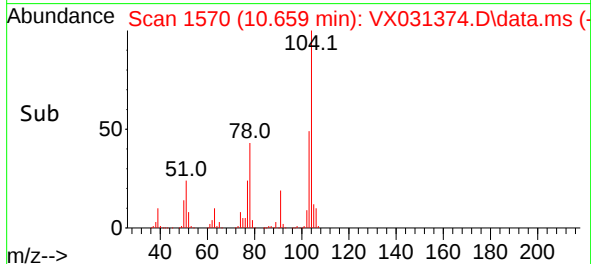
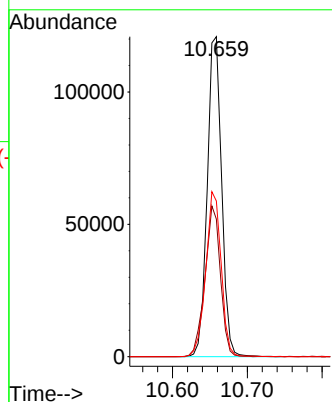
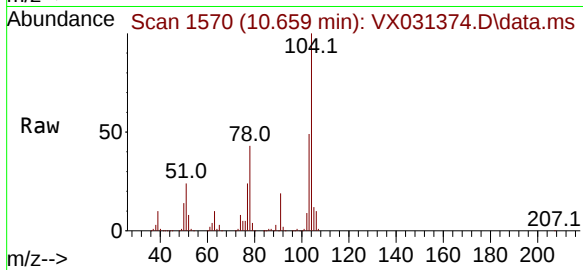
Tgt Ion:	104	Resp:	161794
Ion Ratio	Lower	Upper	
104	100		
78	50.4	41.4	62.2
103	55.2	43.8	65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#71

Bromoform

Concen: 51.058 ug/l

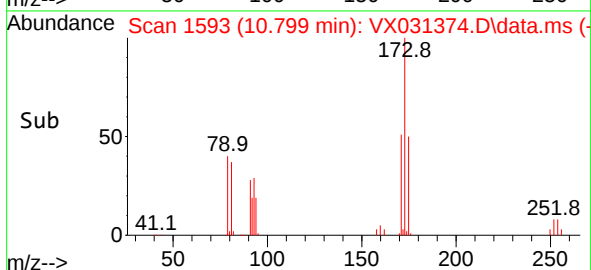
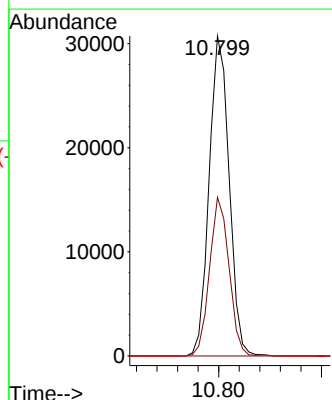
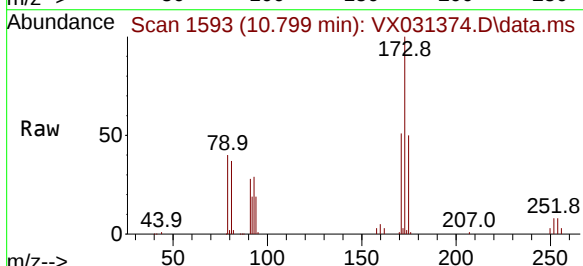
RT: 10.799 min Scan# 1593

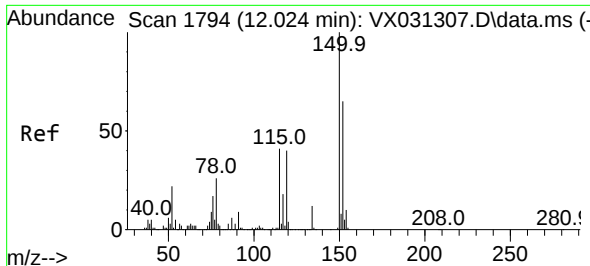
Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

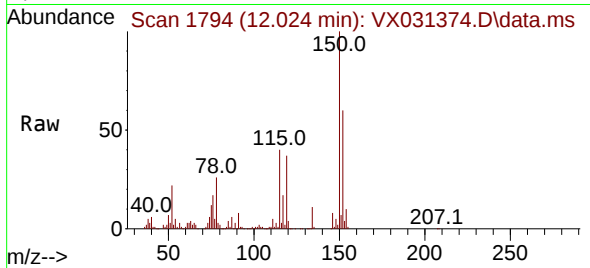
Tgt Ion:	173	Resp:	41469
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.0	72.0
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

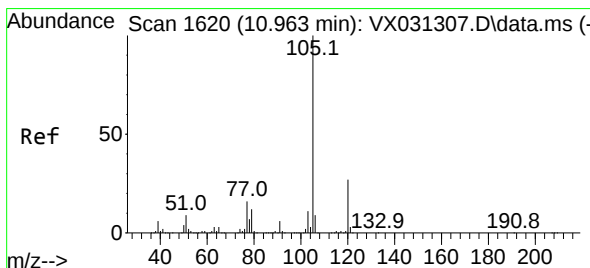
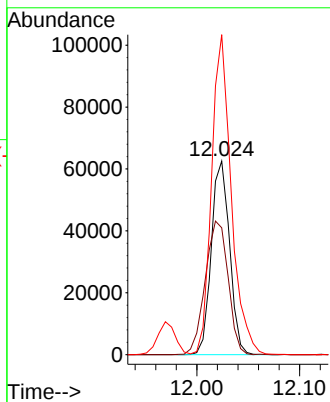
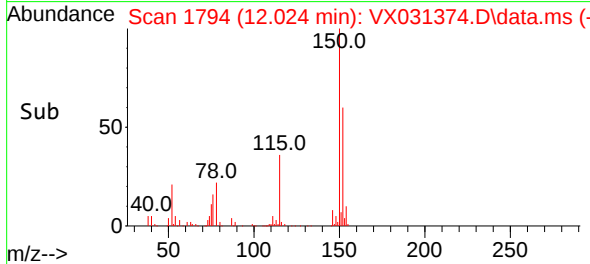
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



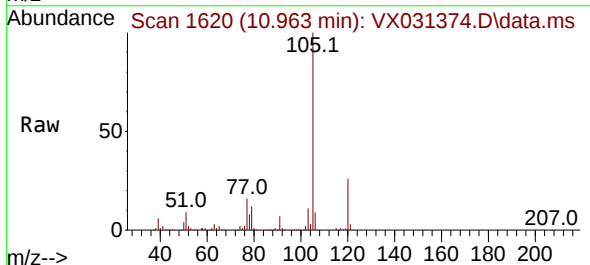
Tgt Ion:152 Resp: 77000
Ion Ratio Lower Upper
152 100
115 86.6 43.4 130.1
150 178.3 0.0 346.8

Manual Integrations
APPROVED

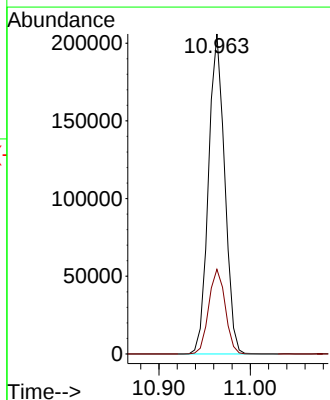
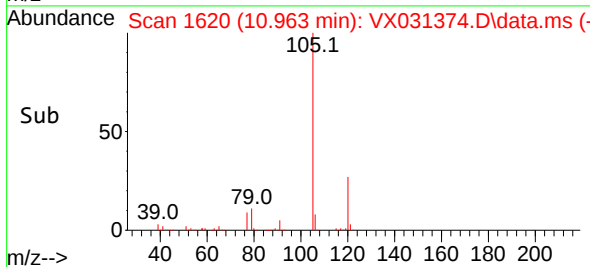
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

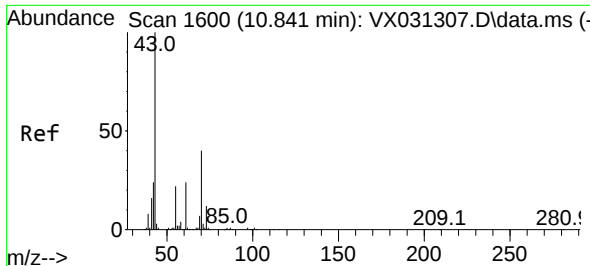


#73
Isopropylbenzene
Concen: 44.500 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13



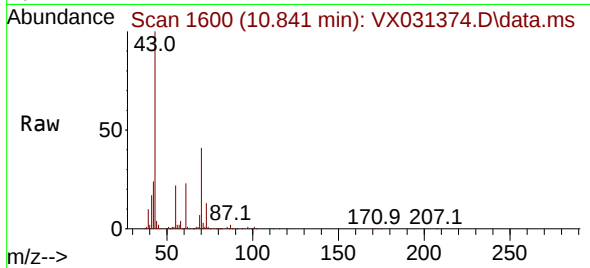
Tgt Ion:105 Resp: 253088
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0





#74
N-amy1 acetate
Concen: 37.267 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

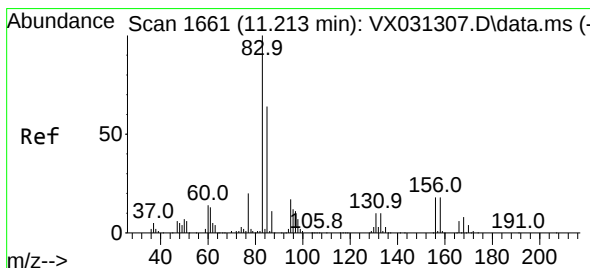
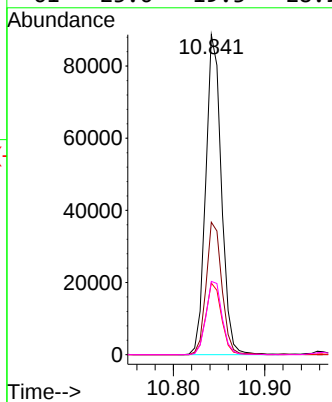
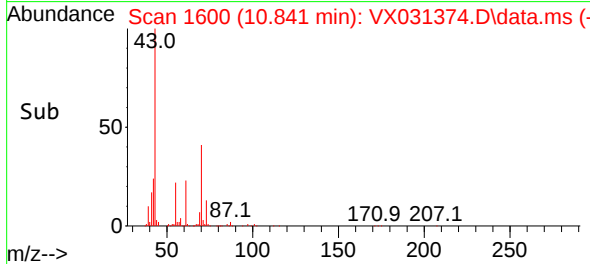
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion: 43 Resp: 105369
Ion Ratio Lower Upper
43 100
70 41.7 33.4 50.2
55 22.5 18.2 27.2
61 23.6 19.3 28.9

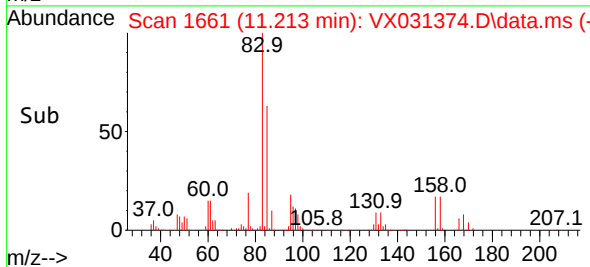
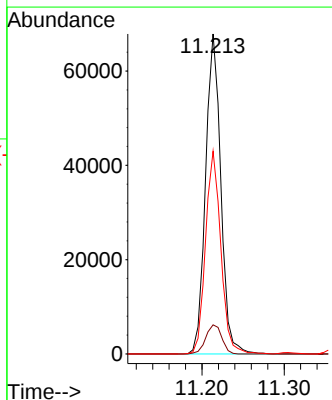
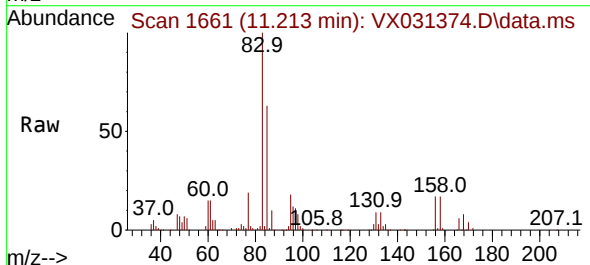
Manual Integrations
APPROVED

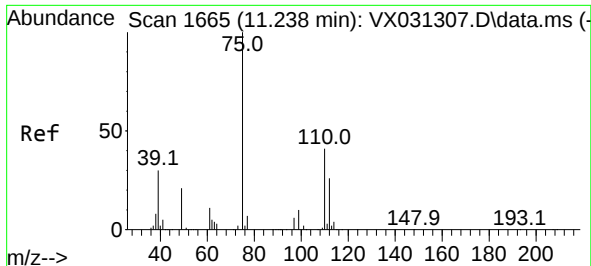
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#75
1,1,2,2-Tetrachloroethane
Concen: 42.780 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

Tgt Ion: 83 Resp: 87439
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.4
85 63.7 32.6 97.8





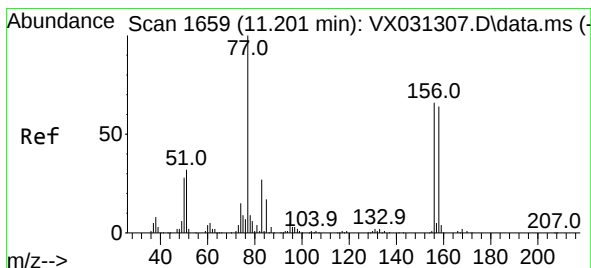
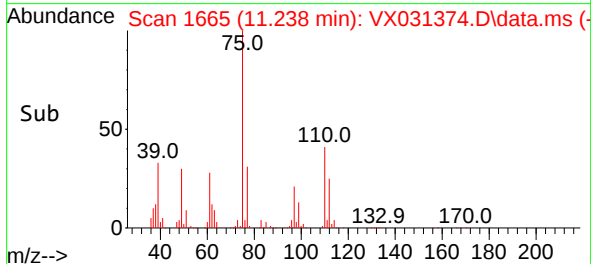
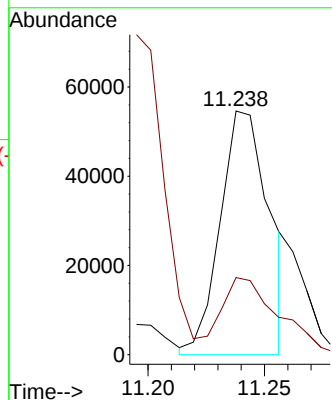
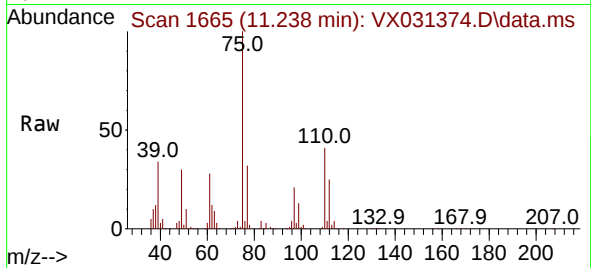
#76
1,2,3-Trichloropropane
Concen: 40.991 ug/l m
RT: 11.238 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS

Tgt Ion: 75 Resp: 7954
Ion Ratio Lower Upper
75 100
77 38.2 20.3 60.9

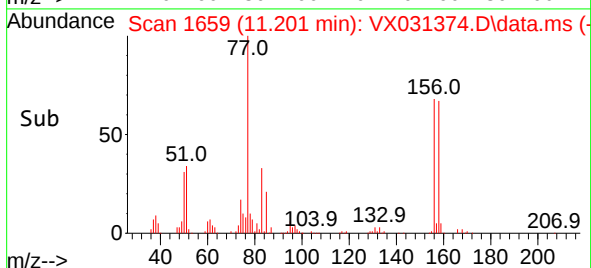
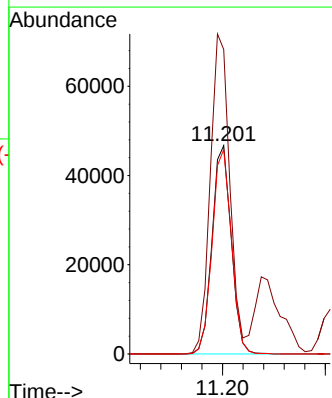
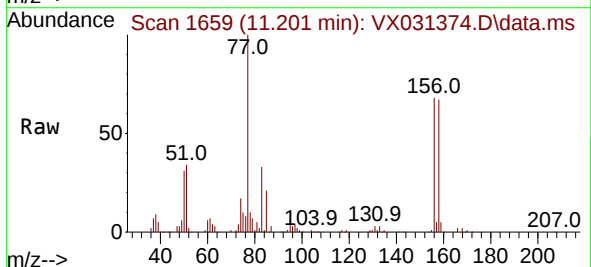
Manual Integrations
APPROVED

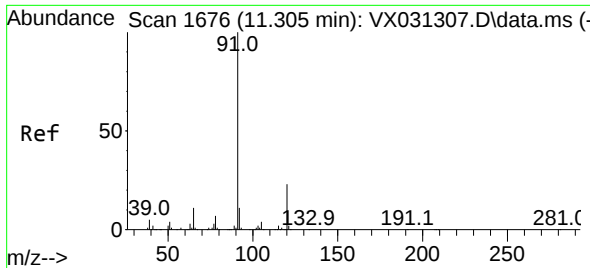
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#77
Bromobenzene
Concen: 46.589 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

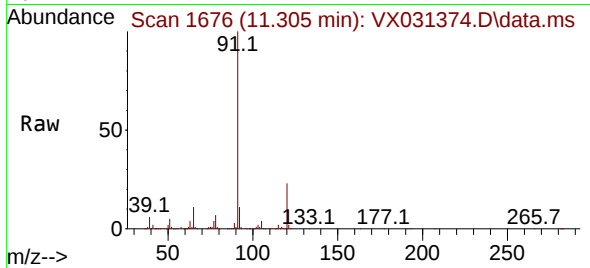
Tgt Ion:156 Resp: 60416
Ion Ratio Lower Upper
156 100
77 155.1 79.5 238.6
158 98.3 48.4 145.3





#78
n-propylbenzene
Concen: 44.529 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

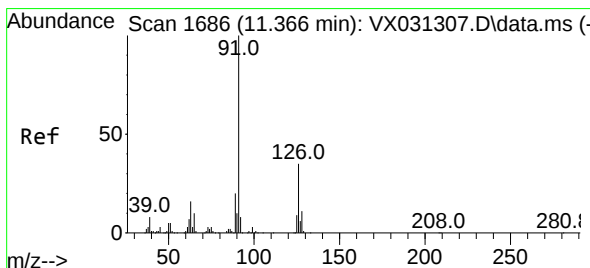
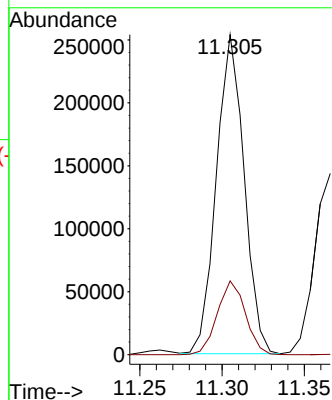
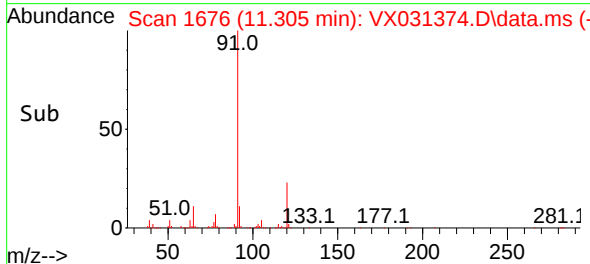
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



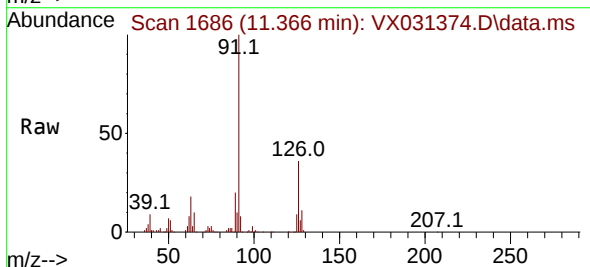
Tgt Ion: 91 Resp: 29721
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4

Manual Integrations
APPROVED

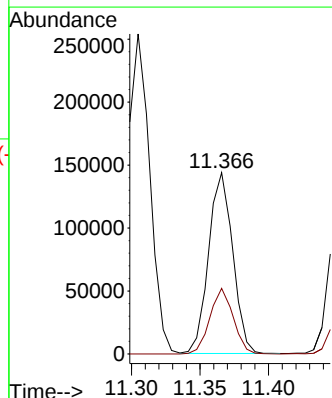
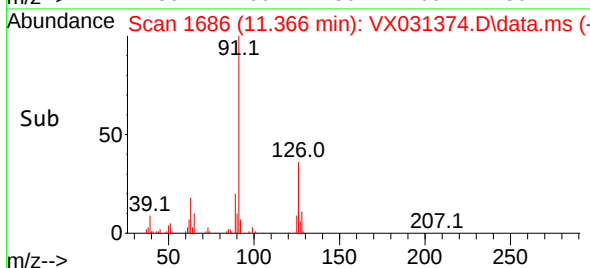
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

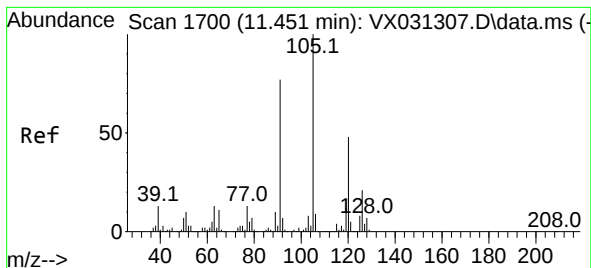


#79
2-Chlorotoluene
Concen: 43.045 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13



Tgt Ion: 91 Resp: 175794
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.3





#80

1,3,5-Trimethylbenzene

Concen: 48.302 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS

Tgt Ion:105 Resp: 23015

Ion Ratio Lower Upper

105 100

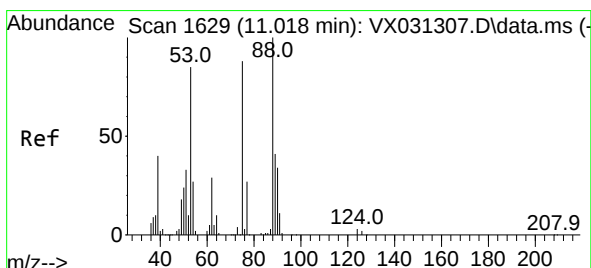
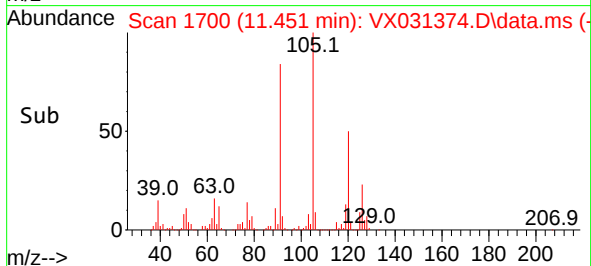
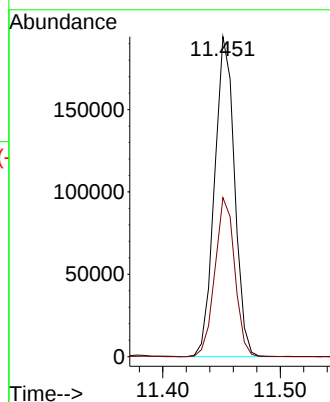
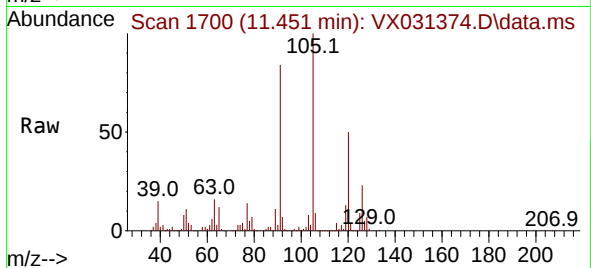
120 49.3 24.5 73.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#81

trans-1,4-Dichloro-2-butene

Concen: 35.259 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

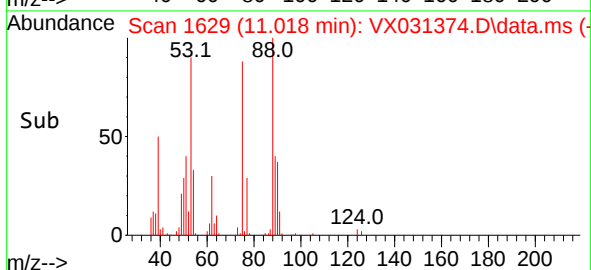
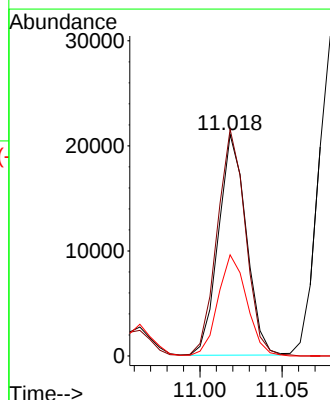
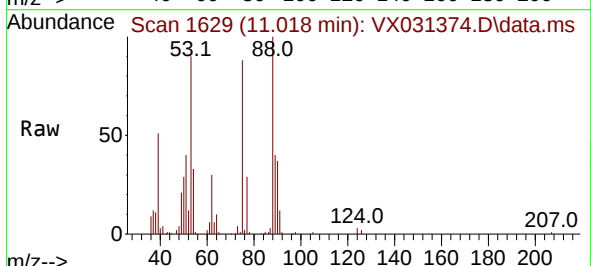
Tgt Ion: 75 Resp: 24726

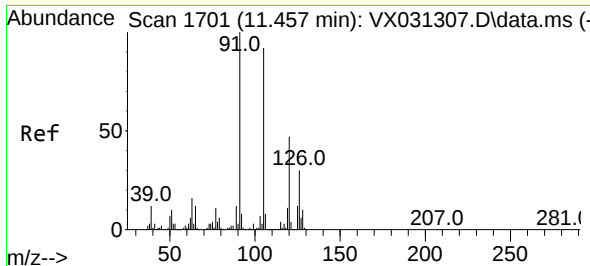
Ion Ratio Lower Upper

75 100

53 104.7 77.6 116.4

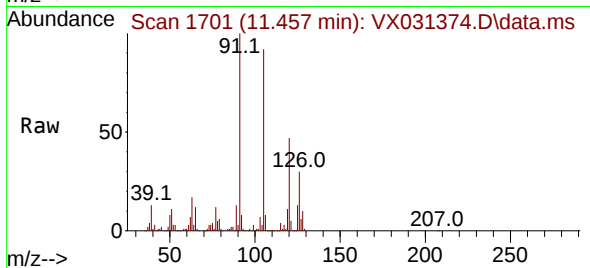
89 47.4 37.4 56.0





#82
4-Chlorotoluene
Concen: 47.375 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

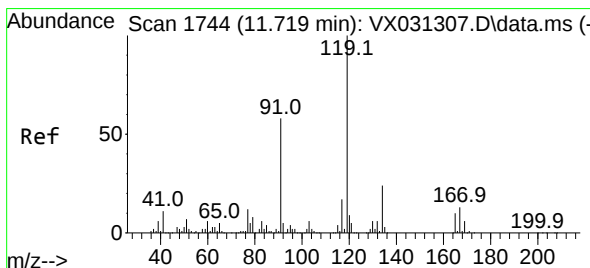
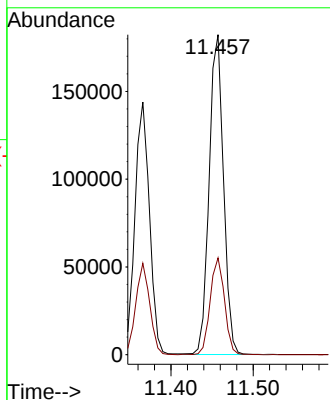
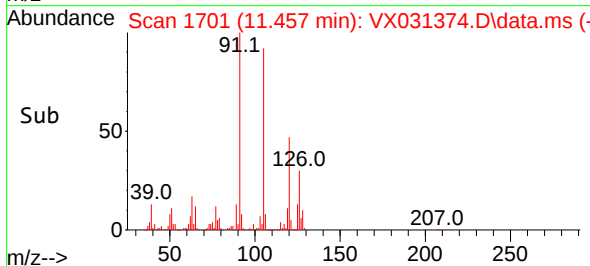
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



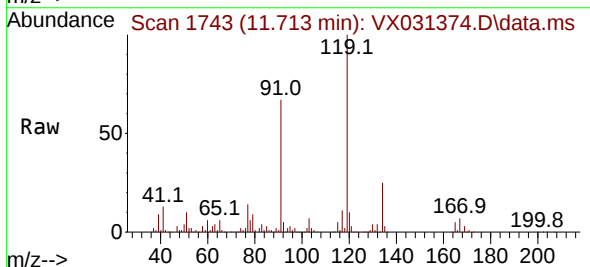
Tgt Ion: 91 Resp: 22177
Ion Ratio Lower Upper
91 100
126 30.1 15.1 45.3

Manual Integrations
APPROVED

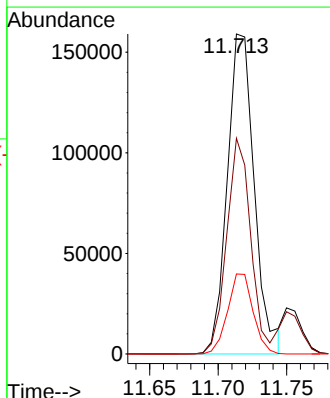
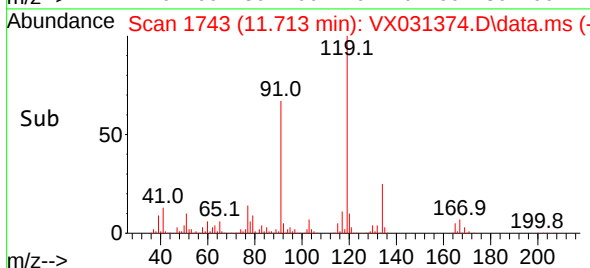
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

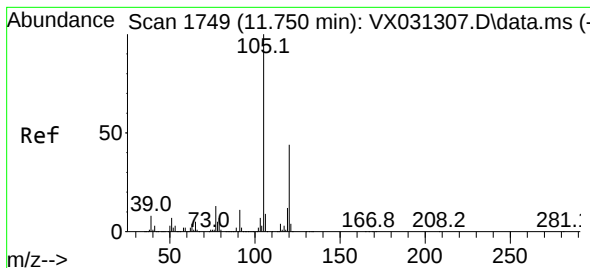


#83
tert-Butylbenzene
Concen: 45.883 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13



Tgt Ion:119 Resp: 218739
Ion Ratio Lower Upper
119 100
91 59.8 29.2 87.6
134 23.5 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 48.310 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX031374.D

Acq: 15 Sep 2022 23:13

Instrument :

MSVOA_X

ClientSampleId :

MW-05-3-13-090122MS

Tgt Ion:105 Resp: 22879

Ion Ratio Lower Upper

105 100

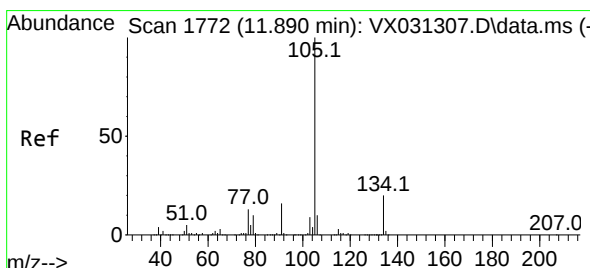
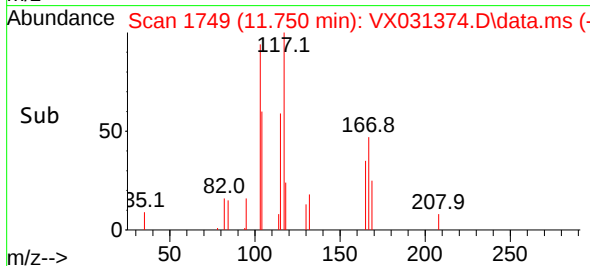
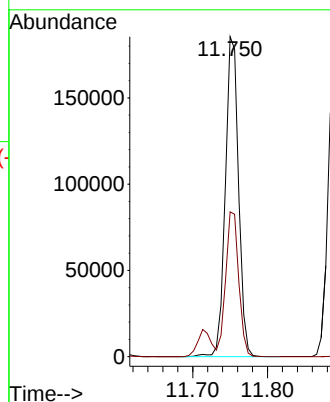
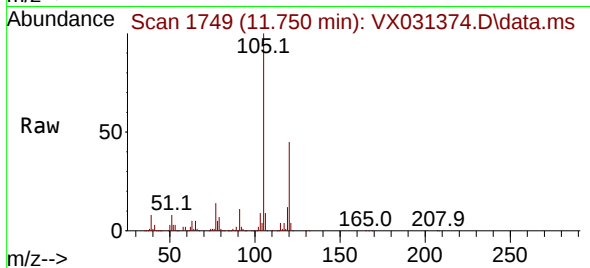
120 44.7 22.6 67.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#85

sec-Butylbenzene

Concen: 45.855 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031374.D

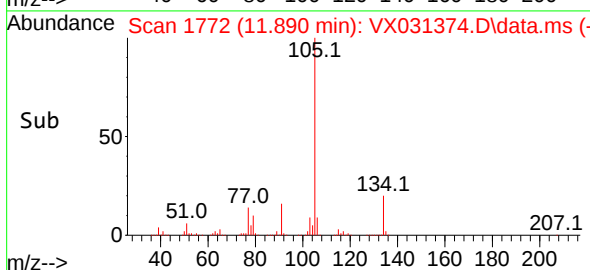
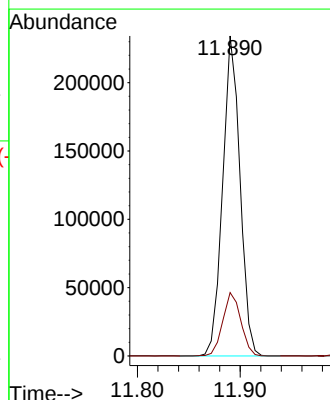
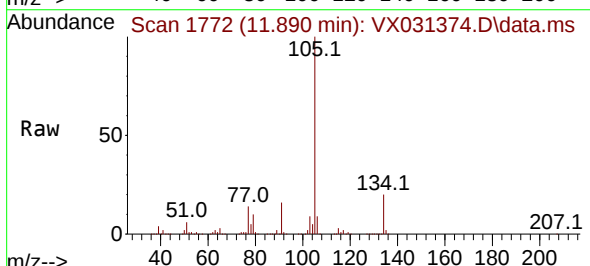
Acq: 15 Sep 2022 23:13

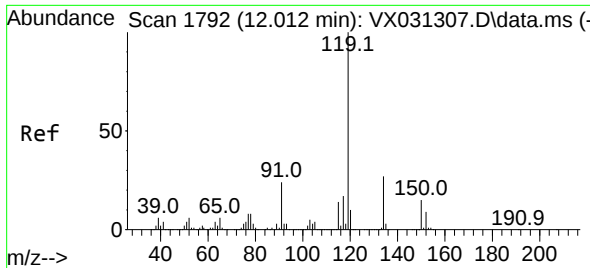
Tgt Ion:105 Resp: 273736

Ion Ratio Lower Upper

105 100

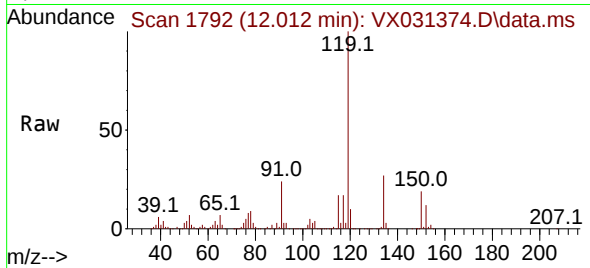
134 20.7 10.4 31.1





#86
p-Isopropyltoluene
Concen: 49.432 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

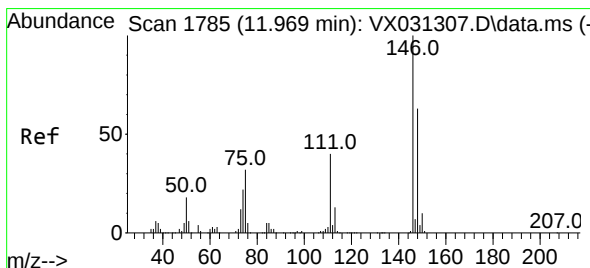
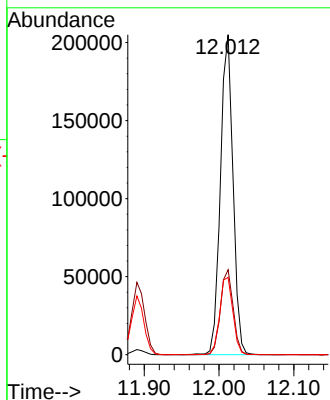
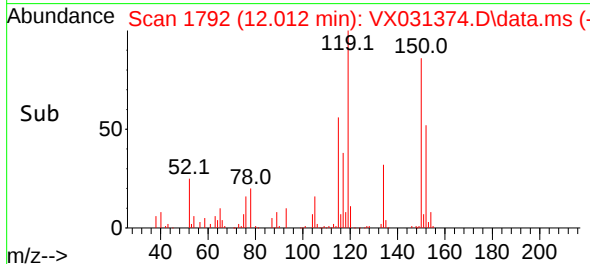
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



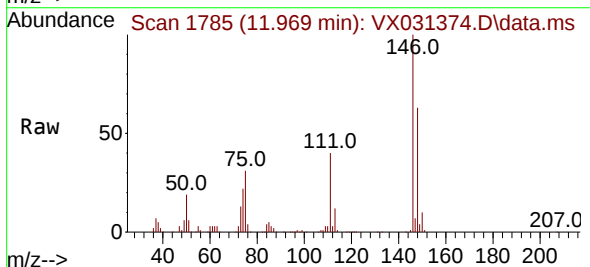
Tgt Ion:119 Resp: 240462
Ion Ratio Lower Upper
119 100
134 26.7 13.4 40.2
91 25.3 12.4 37.2

Manual Integrations
APPROVED

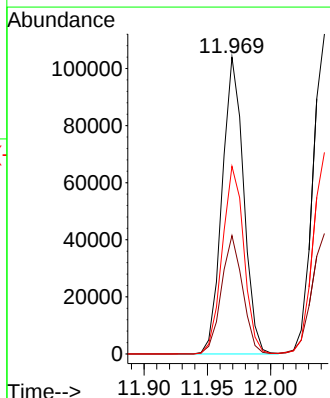
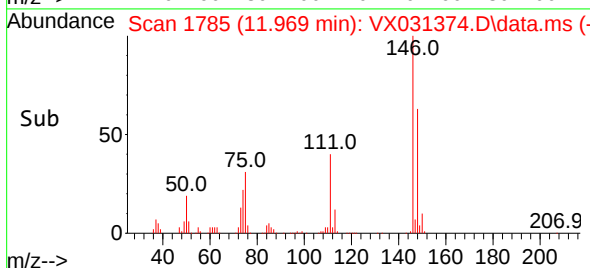
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

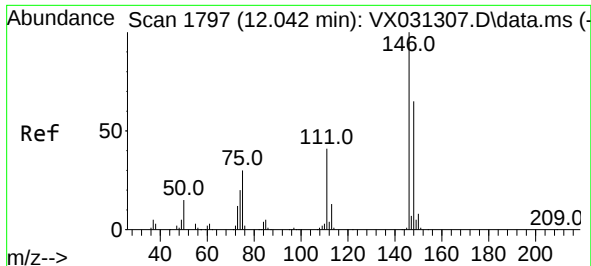


#87
1,3-Dichlorobenzene
Concen: 49.631 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13



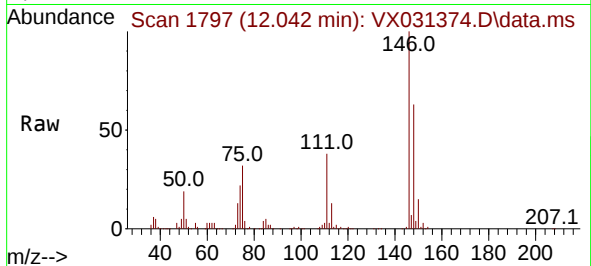
Tgt Ion:146 Resp: 122705
Ion Ratio Lower Upper
146 100
111 39.4 19.8 59.4
148 63.8 31.5 94.5





#88
1,4-Dichlorobenzene
Concen: 52.312 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

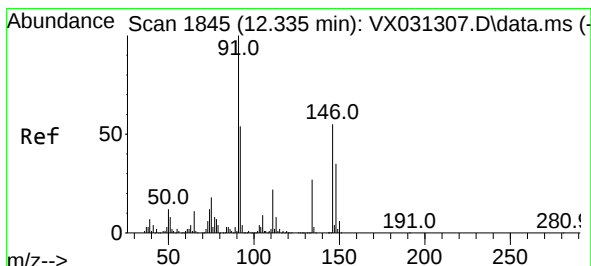
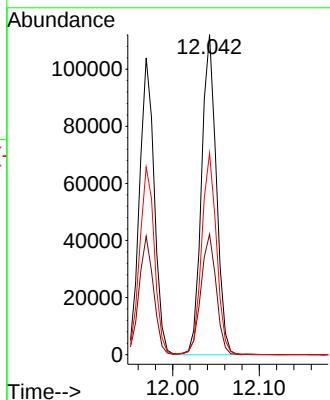
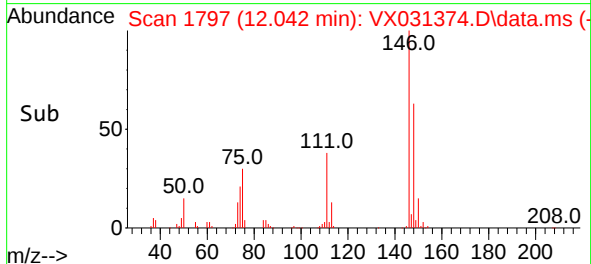
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



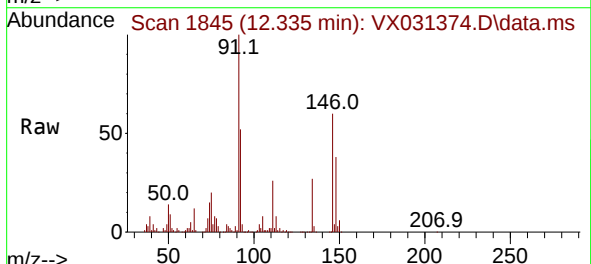
Tgt Ion:146 Resp: 132928
Ion Ratio Lower Upper
146 100
111 39.2 20.5 61.5
148 63.4 32.0 96.2

Manual Integrations
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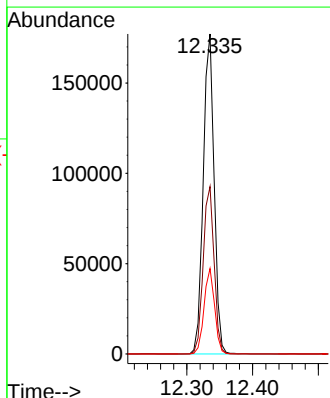
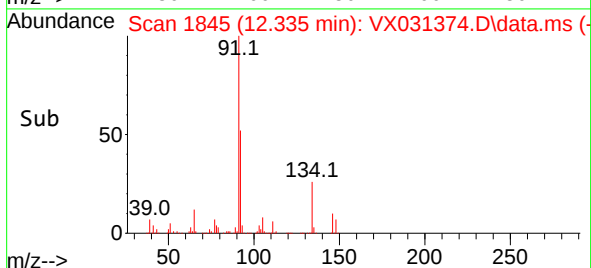
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

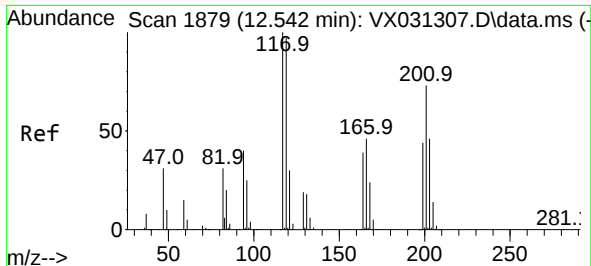


#89
n-Butylbenzene
Concen: 47.259 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13



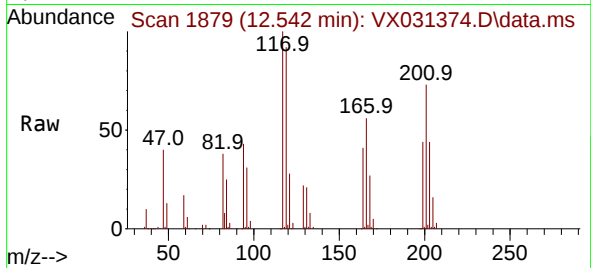
Tgt Ion: 91 Resp: 203859
Ion Ratio Lower Upper
91 100
92 52.7 27.0 81.0
134 25.9 13.3 39.9





#90
Hexachloroethane
Concen: 43.055 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

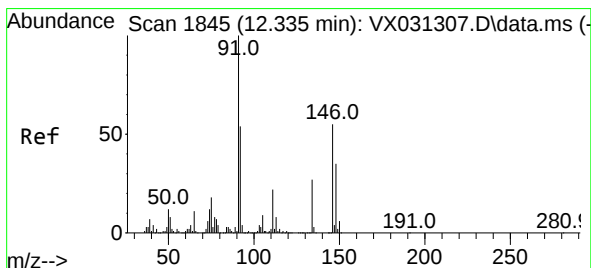
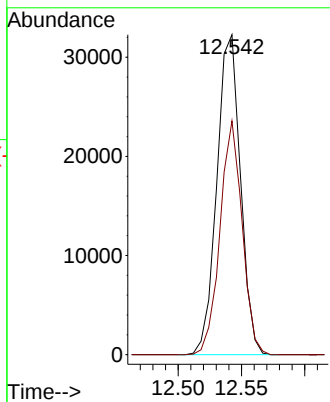
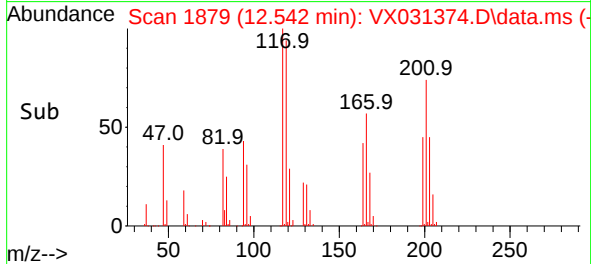
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



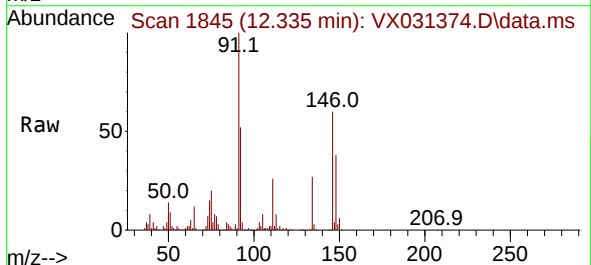
Tgt Ion:117 Resp: 41820
Ion Ratio Lower Upper
117 100
201 68.5 34.8 104.4

Manual Integrations
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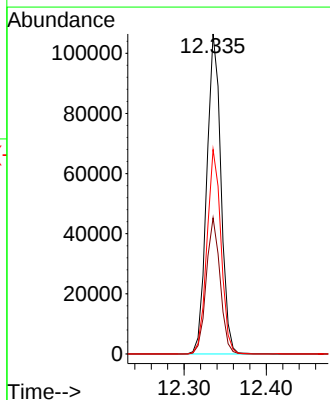
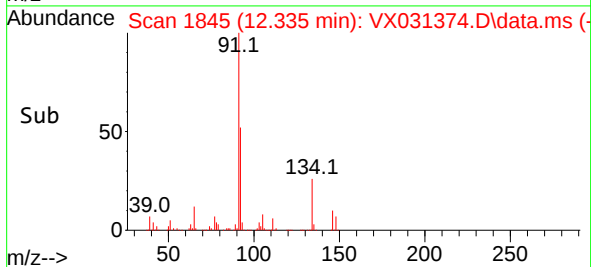
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

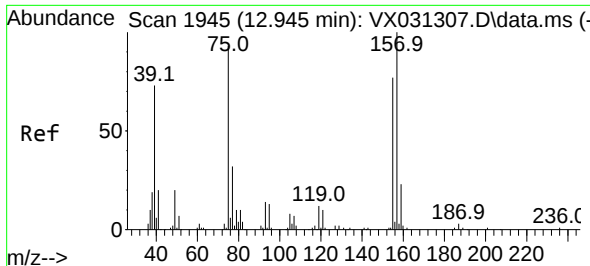


#91
1,2-Dichlorobenzene
Concen: 50.592 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13



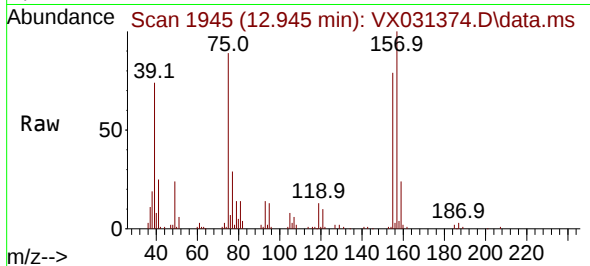
Tgt Ion:146 Resp: 127347
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.8
148 63.1 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 40.791 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

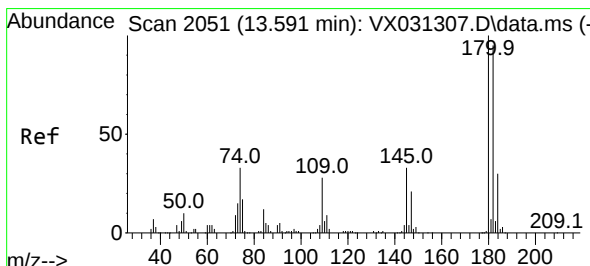
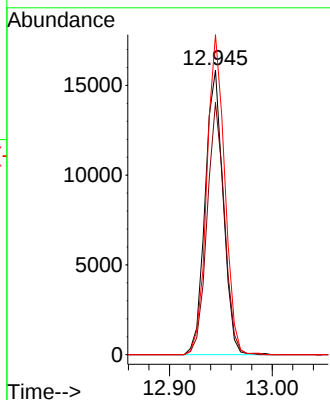
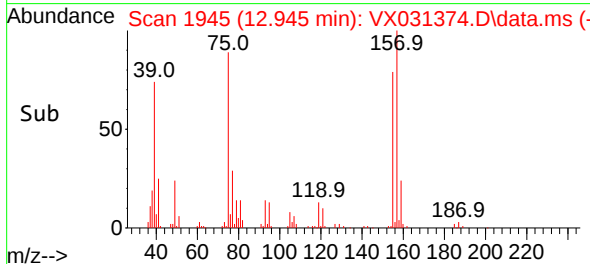
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



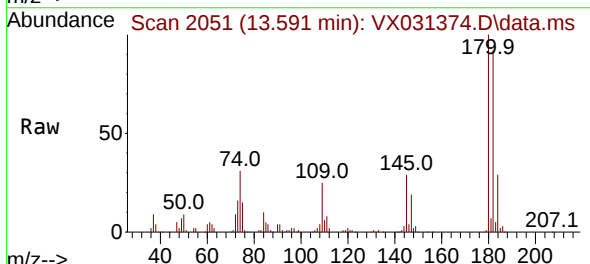
Tgt Ion: 75 Resp: 1928
Ion Ratio Lower Upper
75 100
155 85.7 40.3 120.8
157 111.9 51.5 154.5

Manual Integrations
APPROVED

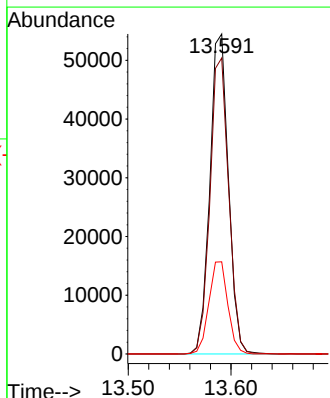
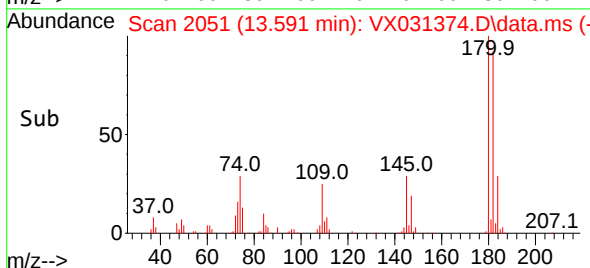
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

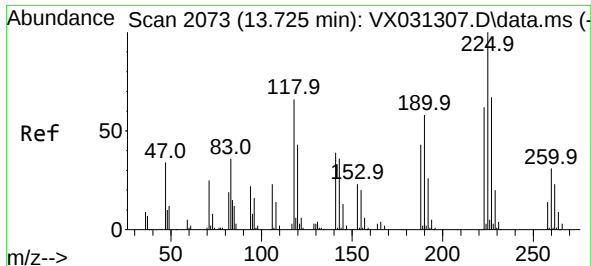


#93
1,2,4-Trichlorobenzene
Concen: 50.265 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13



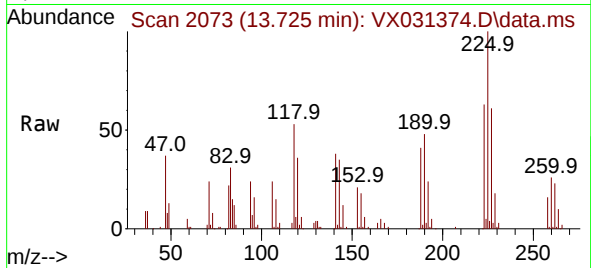
Tgt Ion:180 Resp: 68511
Ion Ratio Lower Upper
180 100
182 93.5 46.9 140.6
145 29.4 16.7 50.1





#94
Hexachlorobutadiene
Concen: 45.114 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

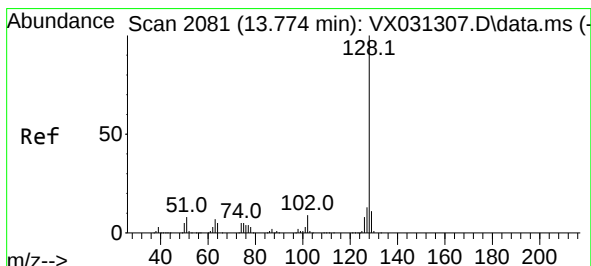
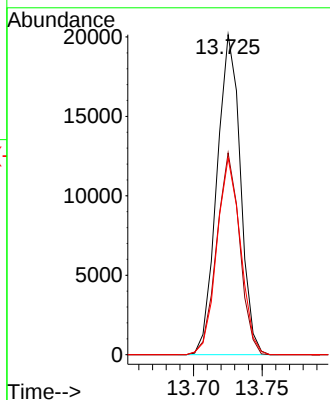
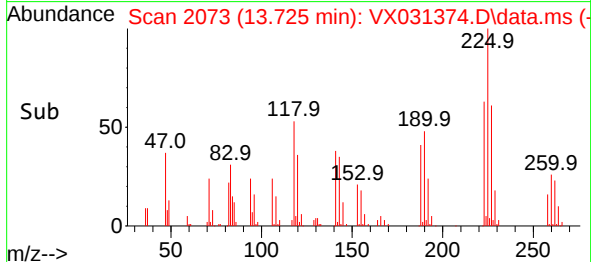
Instrument :
MSVOA_X
ClientSampleId :
MW-05-3-13-090122MS



Tgt Ion:225 Resp: 24000
Ion Ratio Lower Upper
225 100
223 61.7 30.8 92.4
227 61.7 32.3 96.9

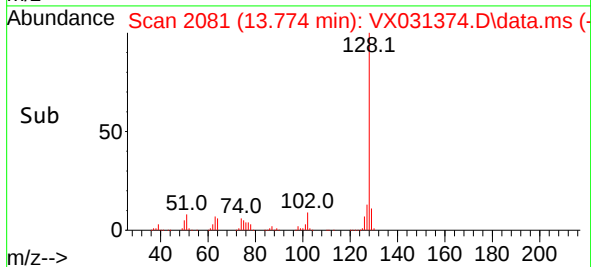
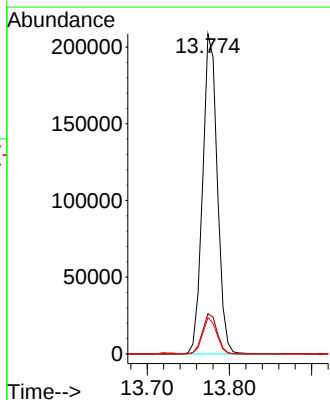
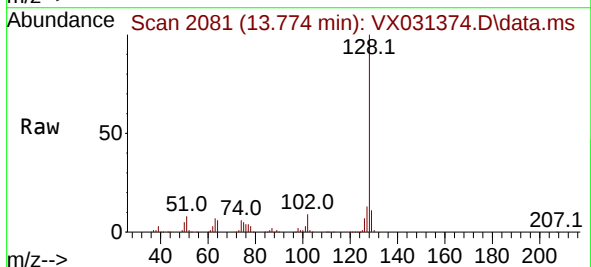
Manual Integrations
APPROVED

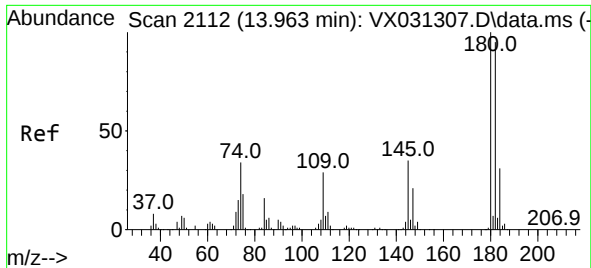
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#95
Naphthalene
Concen: 46.719 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031374.D
Acq: 15 Sep 2022 23:13

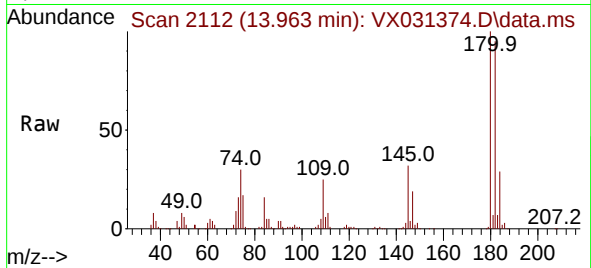
Tgt Ion:128 Resp: 258713
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 48.091 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX031374.D
 Acq: 15 Sep 2022 23:13

Instrument : MSVOA_X
 ClientSampleId : MW-05-3-13-090122MS



Tgt Ion:180	Resp:	70194
Ion Ratio	Lower	Upper
180	100	
182	96.6	47.9 143.8
145	32.8	17.6 52.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

