

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031376.D
 Acq On : 15 Sep 2022 23:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Sep 16 05:01:22 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	59316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	93260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61006	41.902	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.800%		
35) Dibromofluoromethane	5.391	113	49846	49.723	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.440%		
50) Toluene-d8	8.653	98	188793	50.205	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.420%		
62) 4-Bromofluorobenzene	11.079	95	68715	49.900	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28336	44.243	ug/l	98
3) Chloromethane	1.288	50	42481	48.331	ug/l	97
4) Vinyl Chloride	1.374	62	51193	49.396	ug/l	99
5) Bromomethane	1.611	94	71144	91.539	ug/l	97
6) Chloroethane	1.685	64	63720	77.460	ug/l	97
7) Trichlorofluoromethane	1.886	101	133311	70.172	ug/l	99
8) Diethyl Ether	2.136	74	47500	63.458	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	42124	46.890	ug/l	94
10) Methyl Iodide	2.453	142	51908	54.077	ug/l	99
11) Tert butyl alcohol	2.989	59	67039	215.843	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	39938	48.226	ug/l	94
13) Acrolein	2.239	56	30983	184.410	ug/l	99
14) Allyl chloride	2.666	41	67352	36.815	ug/l	95
15) Acrylonitrile	3.068	53	138630	206.445	ug/l	98
16) Acetone	2.392	43	117250	188.643	ug/l	95
17) Carbon Disulfide	2.508	76	92826	46.897	ug/l	99
18) Methyl Acetate	2.709	43	71250	38.658	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	162038	42.252	ug/l	99
20) Methylene Chloride	2.788	84	48356	49.590	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	45620	48.987	ug/l	98
22) Diisopropyl ether	3.764	45	160703	41.977	ug/l	98
23) Vinyl Acetate	3.727	43	695259	218.523	ug/l	99
24) 1,1-Dichloroethane	3.611	63	86033	42.820	ug/l	98
25) 2-Butanone	4.562	43	200941	196.000	ug/l	100
26) 2,2-Dichloropropane	4.477	77	61120	32.064	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	56189	46.063	ug/l	90
28) Bromochloromethane	4.904	49	41519	44.335	ug/l	93
29) Tetrahydrofuran	5.013	42	127094	200.137	ug/l	95
30) Chloroform	5.099	83	96587	45.398	ug/l	100
31) Cyclohexane	5.471	56	71857	45.939	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	86224	45.229	ug/l	99
36) 1,1-Dichloropropene	5.696	75	66280	48.305	ug/l	99
37) Ethyl Acetate	4.715	43	80023	44.380	ug/l	99
38) Carbon Tetrachloride	5.678	117	74085	49.671	ug/l	99
39) Methylcyclohexane	7.385	83	73928	48.924	ug/l	95
40) Benzene	6.037	78	198655	50.417	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42413	43.420	ug/l	99
42) 1,2-Dichloroethane	6.086	62	77690	48.882	ug/l	99
43) Isopropyl Acetate	6.342	43	131844	42.836	ug/l	99
44) Trichloroethene	7.123	130	53594	53.349	ug/l	92
45) 1,2-Dichloropropane	7.434	63	49476	45.867	ug/l	98
46) Dibromomethane	7.580	93	39085	51.093	ug/l	95
47) Bromodichloromethane	7.824	83	75182	47.252	ug/l	98
48) Methyl methacrylate	7.696	41	58888	42.029	ug/l	93
49) 1,4-Dioxane	7.690	88	26934	958.538	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	428529	229.056	ug/l	100
52) Toluene	8.720	92	133303	53.482	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	80820	45.137	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	81603	44.348	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	56448	51.303	ug/l	99
56) Ethyl methacrylate	9.116	69	85119	47.789	ug/l	96
57) 1,3-Dichloropropane	9.311	76	92067	48.697	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	187788	226.282	ug/l	97
59) 2-Hexanone	9.433	43	333137	233.307	ug/l	100
60) Dibromochloromethane	9.525	129	61769	52.073	ug/l	99
61) 1,2-Dibromoethane	9.610	107	60465	53.557	ug/l	100
64) Tetrachloroethene	9.275	164	51168	52.309	ug/l	95
65) Chlorobenzene	10.079	112	147439	52.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	56260	50.394	ug/l	99
67) Ethyl Benzene	10.195	91	262224	51.093	ug/l	98
68) m/p-Xylenes	10.305	106	216733	111.215	ug/l	98
69) o-Xylene	10.646	106	104678	52.885	ug/l	98
70) Styrene	10.659	104	178974	55.604	ug/l	99
71) Bromoform	10.799	173	44502	50.072	ug/l #	98
73) Isopropylbenzene	10.963	105	277032	41.734	ug/l	99
74) N-amyl acetate	10.842	43	120033	36.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	93049	39.005	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83975m	37.079	ug/l	
77) Bromobenzene	11.201	156	65637	43.366	ug/l	97
78) n-propylbenzene	11.305	91	325602	41.796	ug/l	100
79) 2-Chlorotoluene	11.366	91	197706	41.477	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	256306	46.086	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26398	32.252	ug/l	95
82) 4-Chlorotoluene	11.457	91	248696	45.519	ug/l	99
83) tert-Butylbenzene	11.713	119	247333	44.451	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	259280	46.907	ug/l	100
85) sec-Butylbenzene	11.890	105	313184	44.950	ug/l	100
86) p-Isopropyltoluene	12.012	119	269260	47.425	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	136638	47.351	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	149330	50.351	ug/l	99
89) n-Butylbenzene	12.335	91	229417	45.567	ug/l	99
90) Hexachloroethane	12.542	117	45290	39.944	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	141712	48.236	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20068	36.144	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	73133	45.971	ug/l	98
94) Hexachlorobutadiene	13.725	225	25765	41.490	ug/l	97
95) Naphthalene	13.774	128	272659	42.186	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	73952	43.409	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

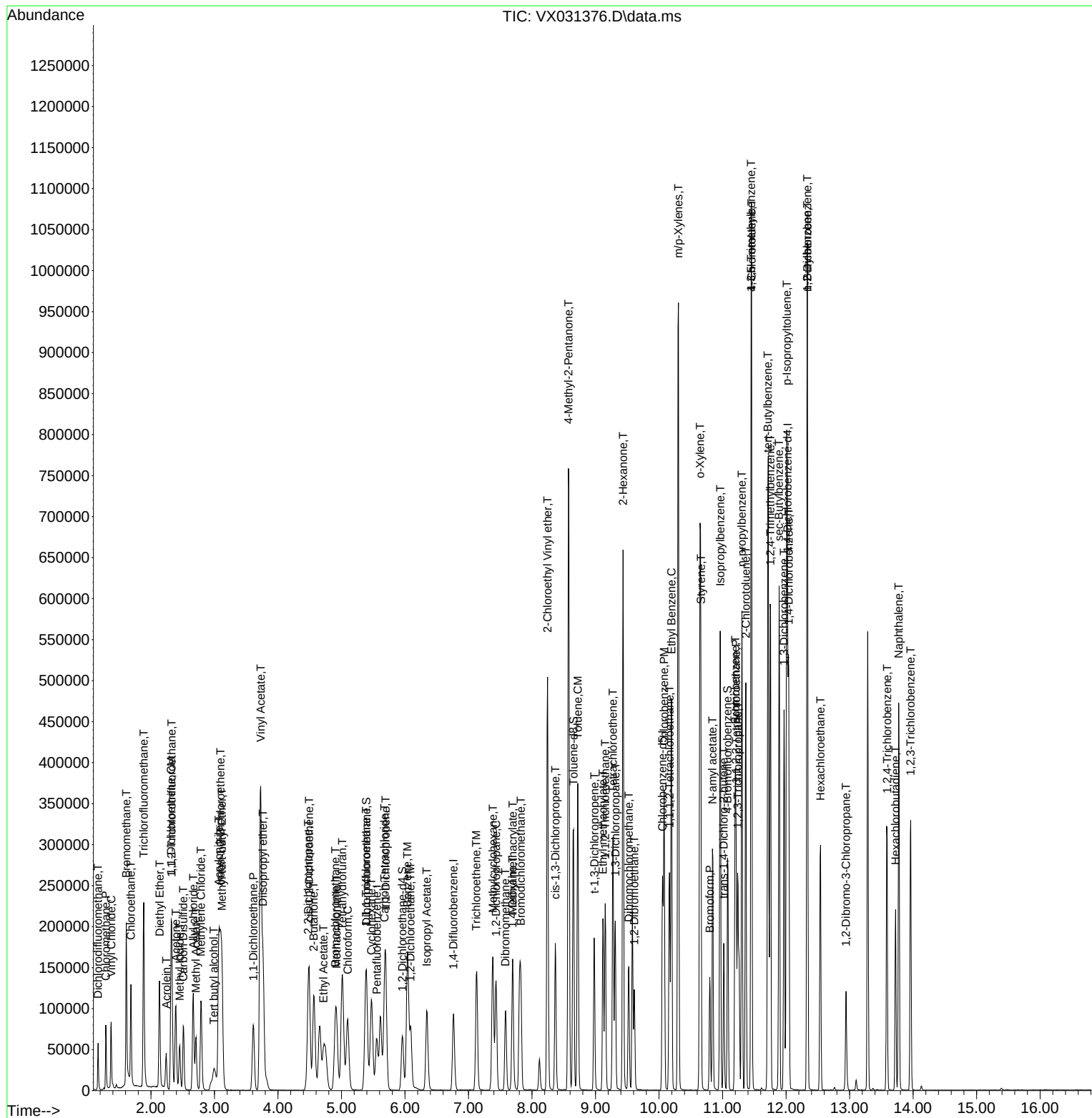
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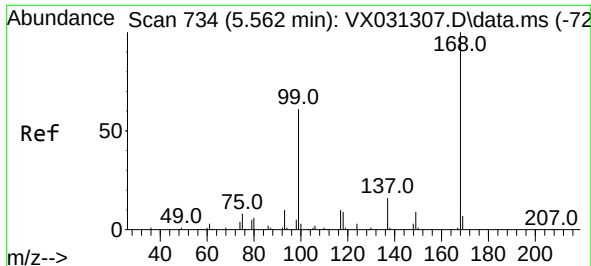
Instrument :
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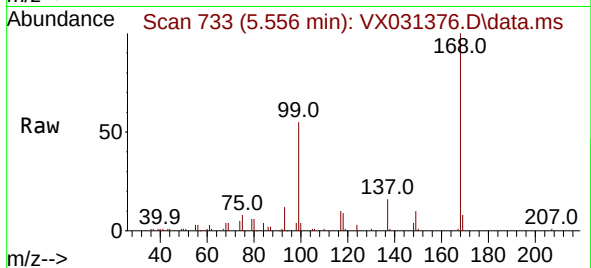
Reviewed By :John Carlone 09/16/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031376.D
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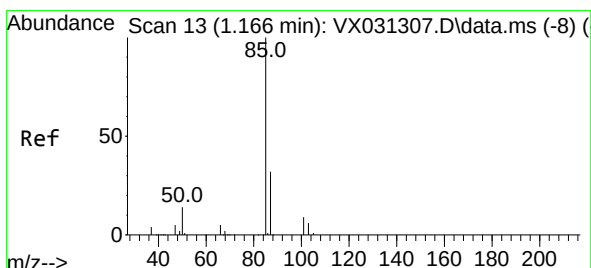
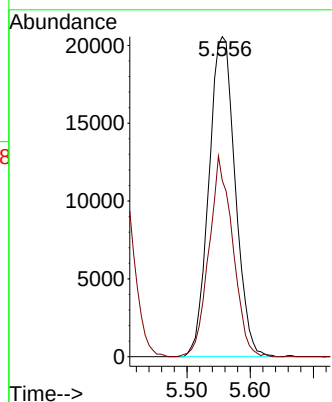
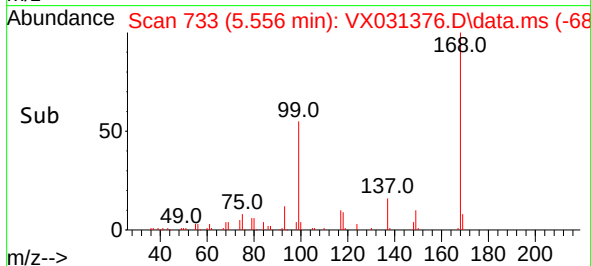
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 59310
Ion Ratio Lower Upper
168 100
99 55.0 48.8 73.2

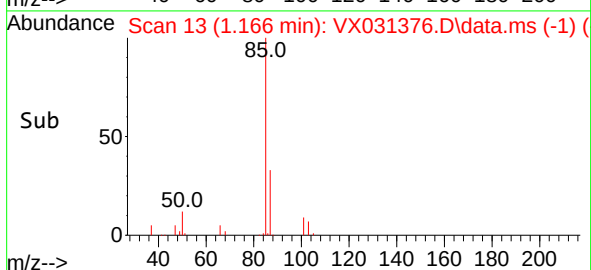
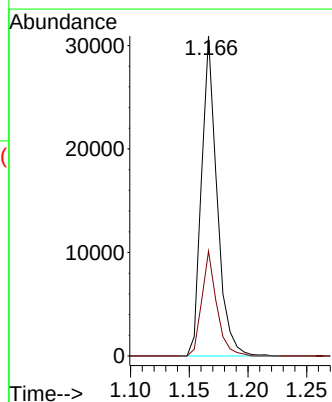
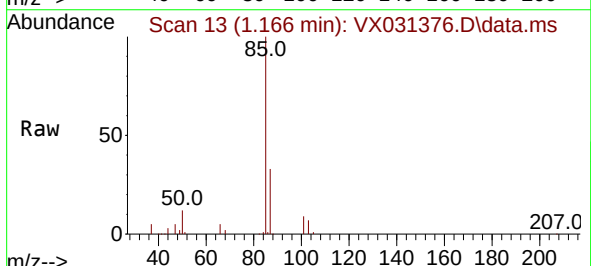
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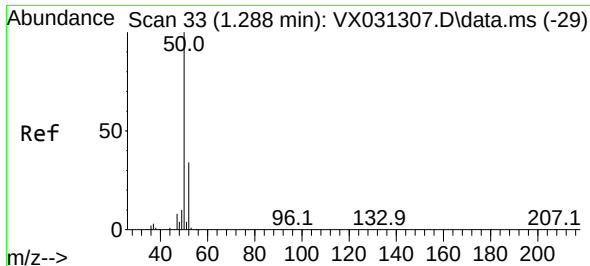
Reviewed By :John Carlone 09/16/2022
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#2
Dichlorodifluoromethane
Concen: 44.243 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

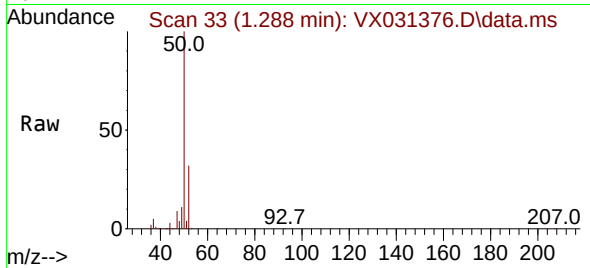
Tgt Ion: 85 Resp: 28336
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.4





#3
Chloromethane
Concen: 48.331 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

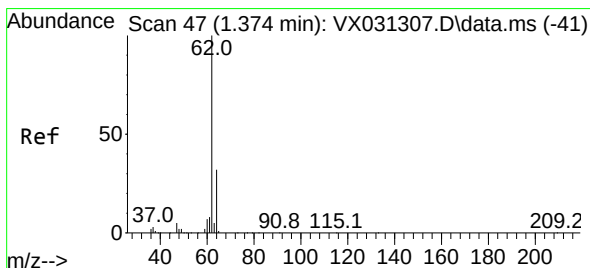
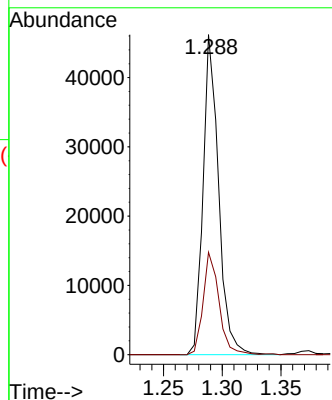
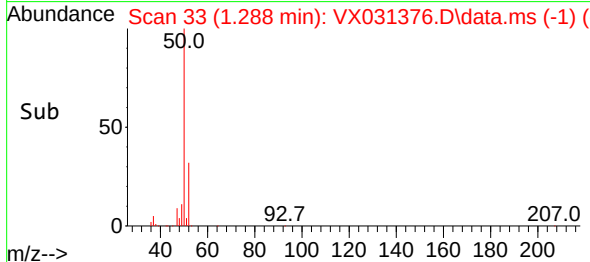
Instrument :
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Tgt Ion: 50 Resp: 4248
Ion Ratio Lower Upper
50 100
52 32.0 26.9 40.3

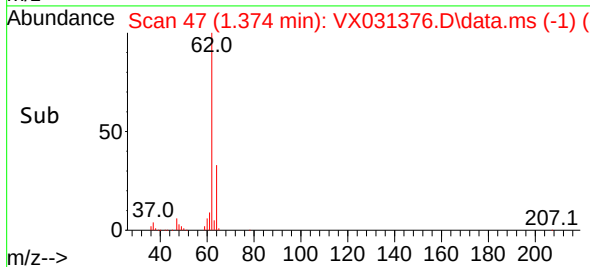
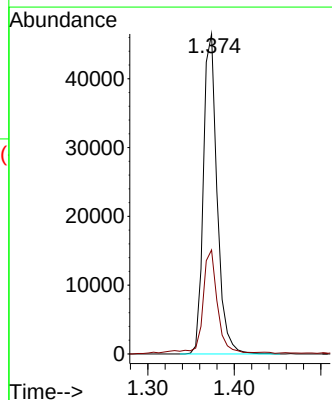
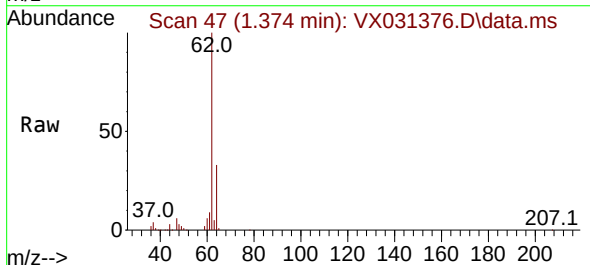
Manual Integrations
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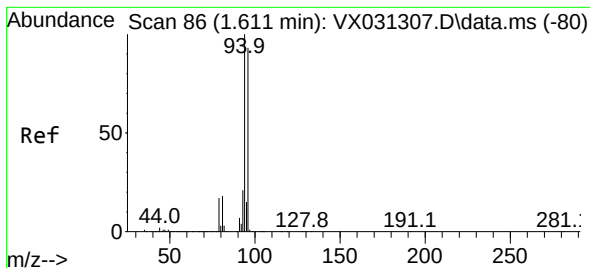
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#4
Vinyl Chloride
Concen: 49.396 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

Tgt Ion: 62 Resp: 51193
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





#5

Bromomethane

Concen: 91.539 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 71144

Ion Ratio Lower Upper

94 100

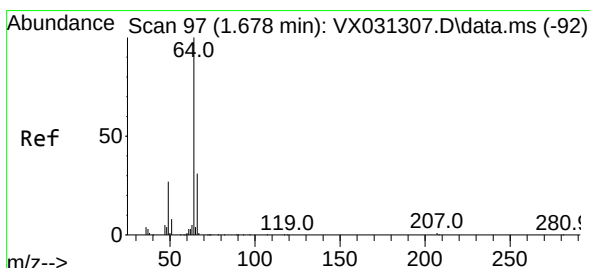
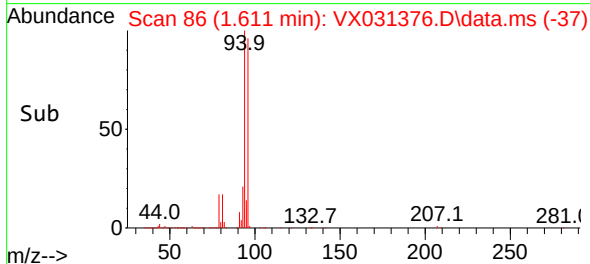
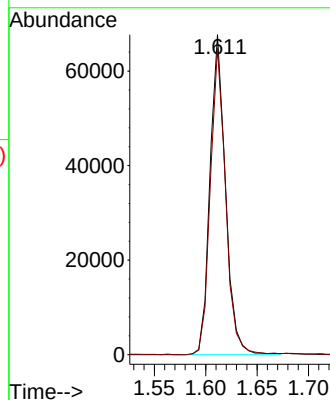
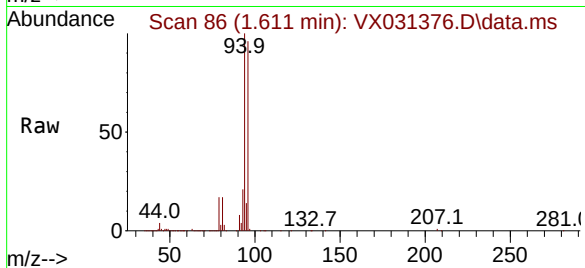
96 95.9 74.4 111.6

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#6

Chloroethane

Concen: 77.460 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.007 min

Lab File: VX031376.D

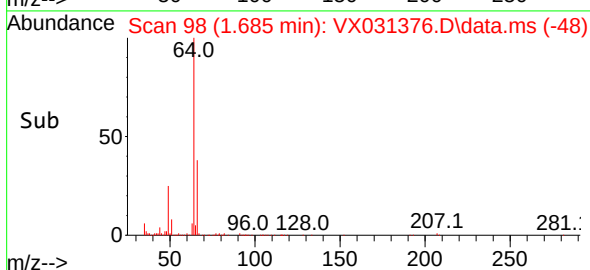
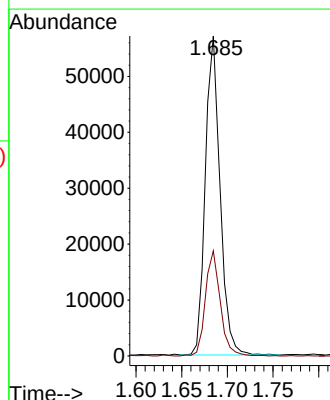
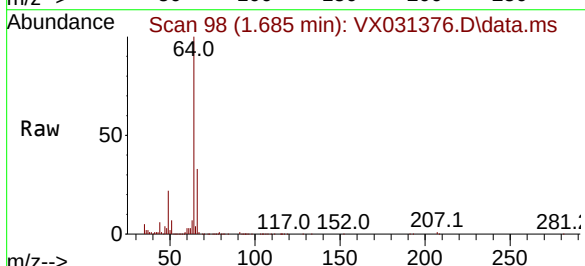
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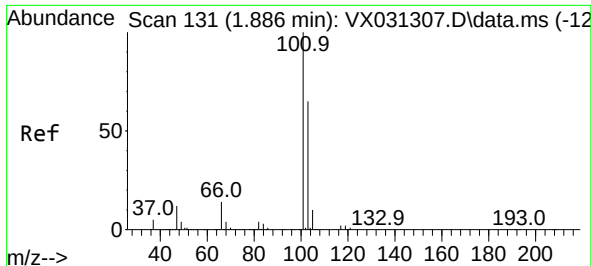
Tgt Ion: 64 Resp: 63720

Ion Ratio Lower Upper

64 100

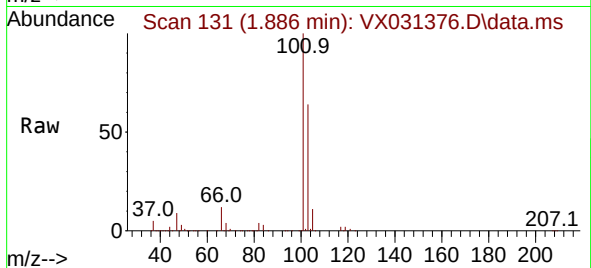
66 33.0 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 70.172 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX031376.D
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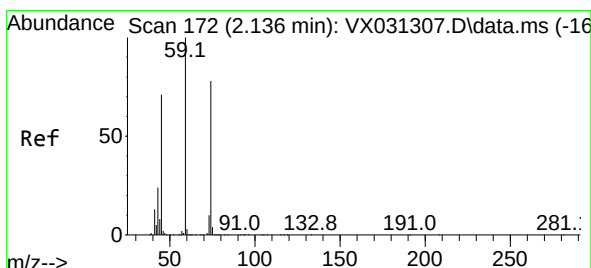
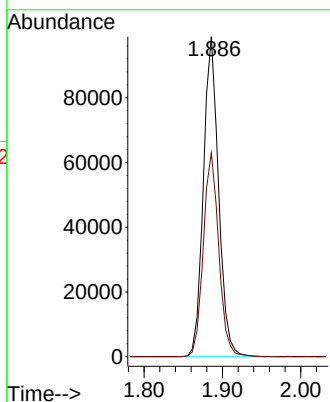
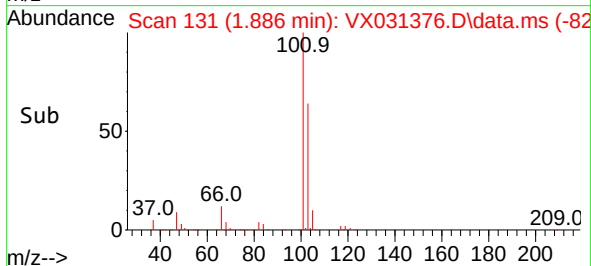
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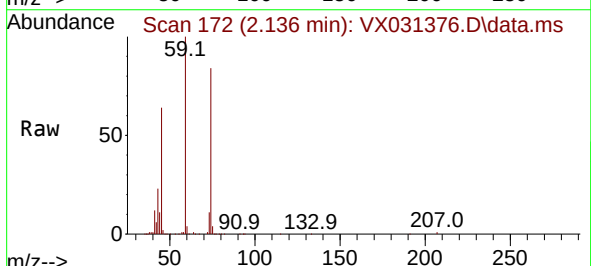
Tgt Ion: 101 Resp: 13331
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.6

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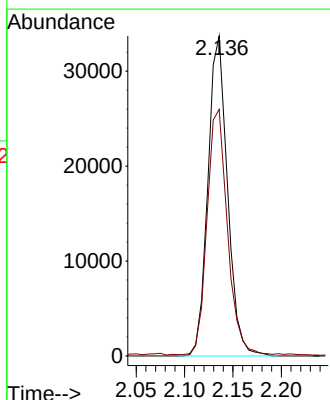
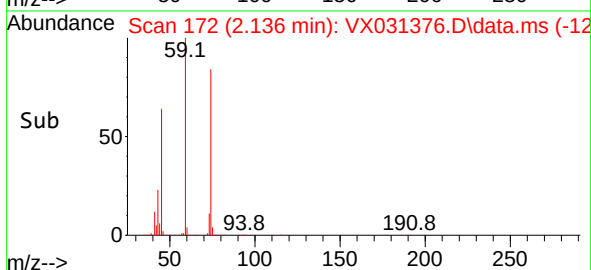
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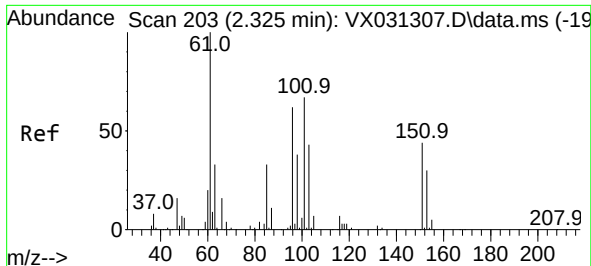


#8
 Diethyl Ether
 Concen: 63.458 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX031376.D
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Tgt Ion: 74 Resp: 47500
 Ion Ratio Lower Upper
 74 100
 45 79.6 48.5 145.6





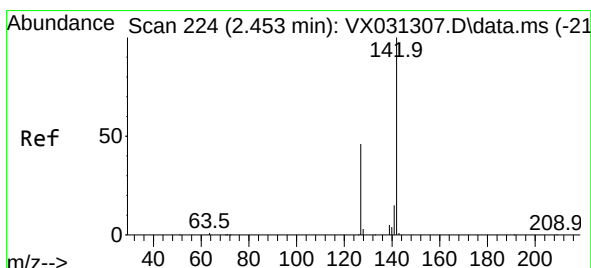
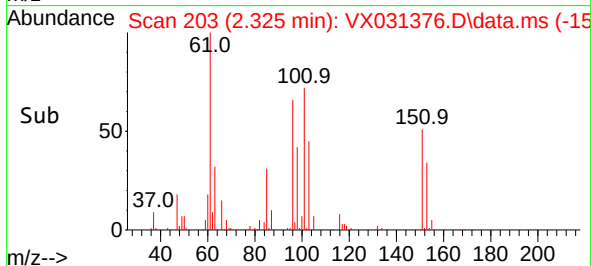
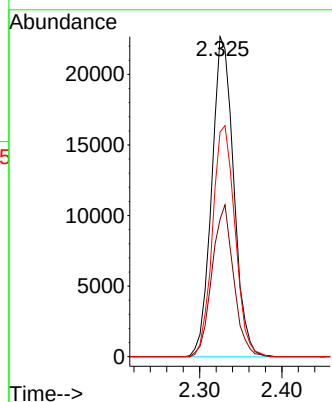
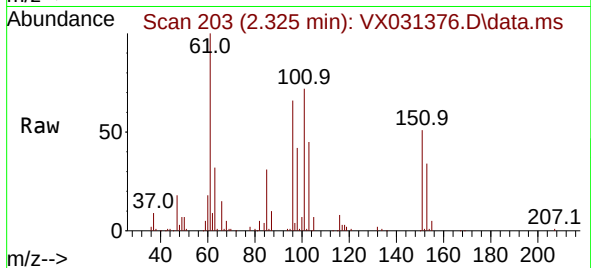
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.890 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 42124
Ion Ratio Lower Upper
101 100
85 46.5 38.6 57.8
151 74.0 54.0 81.0

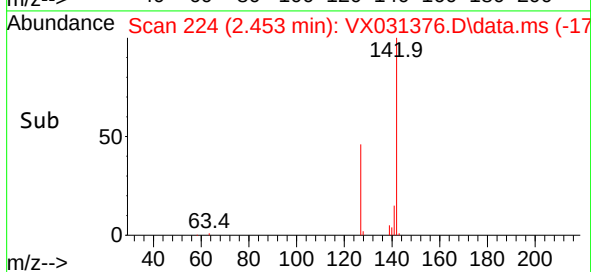
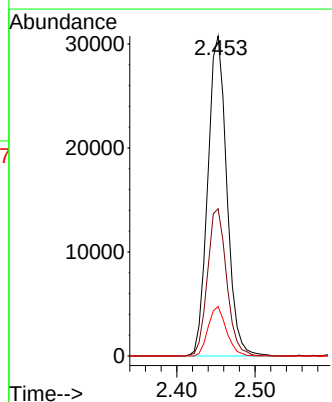
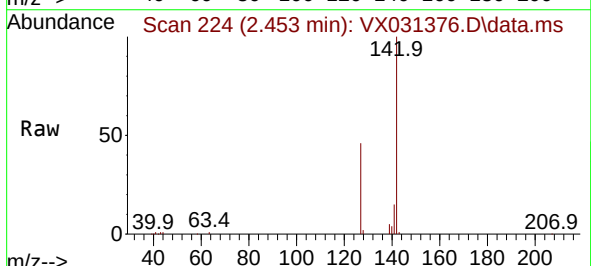
Manual Integrations
APPROVED

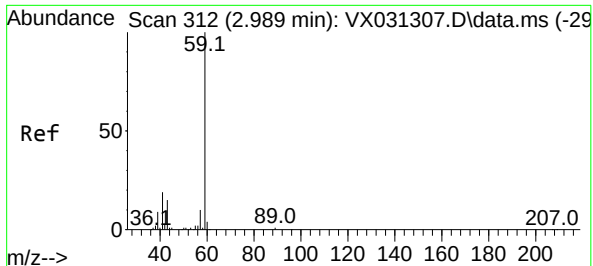
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 54.077 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

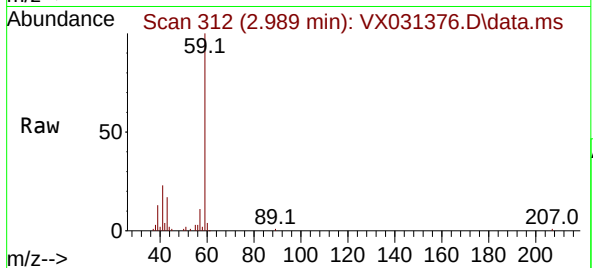
Tgt Ion:142 Resp: 51908
Ion Ratio Lower Upper
142 100
127 46.4 37.4 56.0
141 14.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 215.843 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

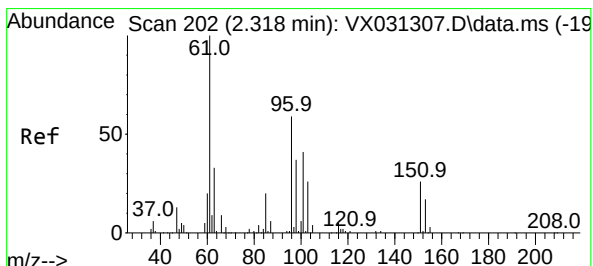
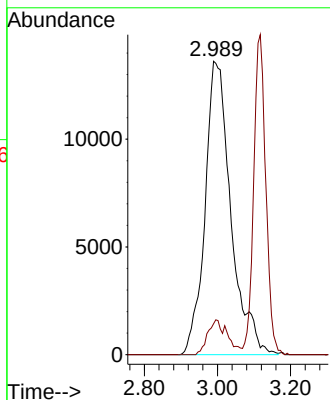
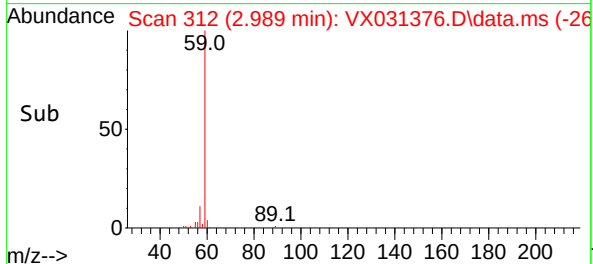
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



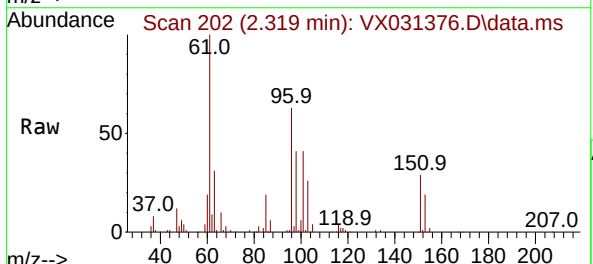
Tgt Ion: 59 Resp: 67039
Ion Ratio Lower Upper
59 100
57 6.2 8.2 12.2

Manual Integrations
APPROVED

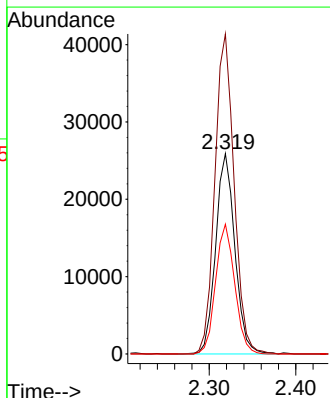
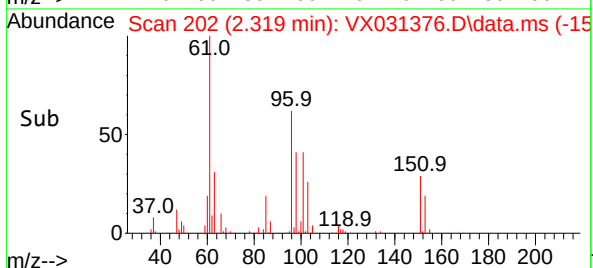
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

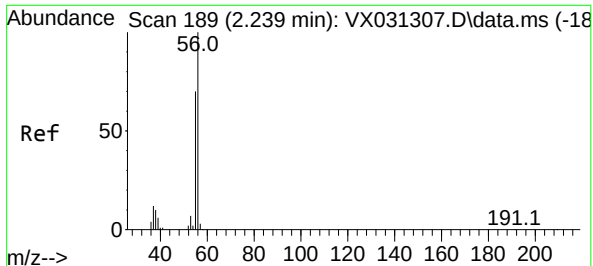


#12
1,1-Dichloroethene
Concen: 48.226 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



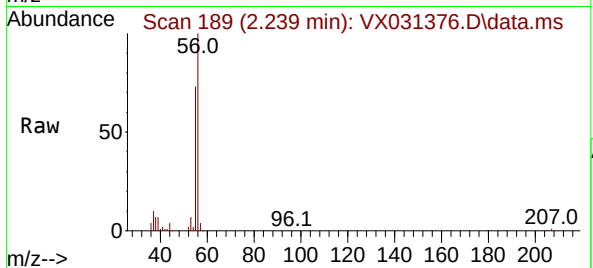
Tgt Ion: 96 Resp: 39938
Ion Ratio Lower Upper
96 100
61 159.7 135.3 202.9
98 64.7 49.4 74.2





#13
Acrolein
Concen: 184.410 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

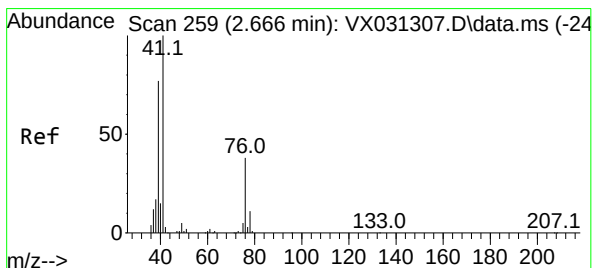
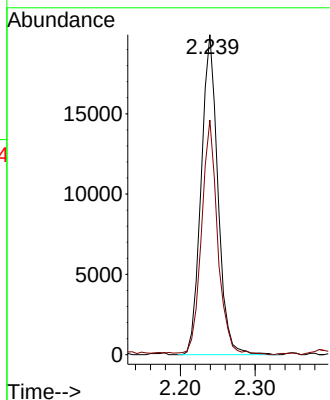
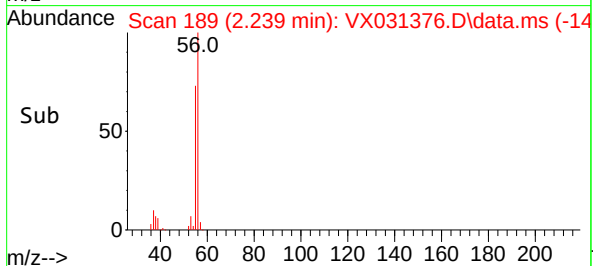
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



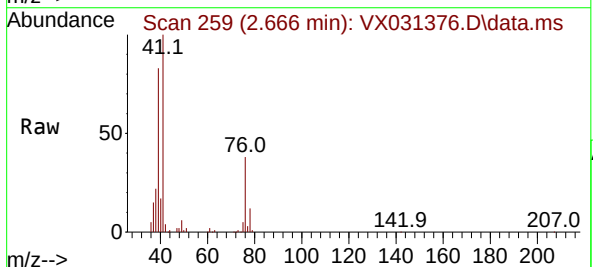
Tgt Ion: 56 Resp: 3098
Ion Ratio Lower Upper
56 100
55 71.1 56.0 84.0

Manual Integrations
APPROVED

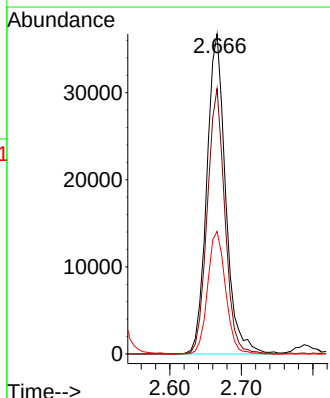
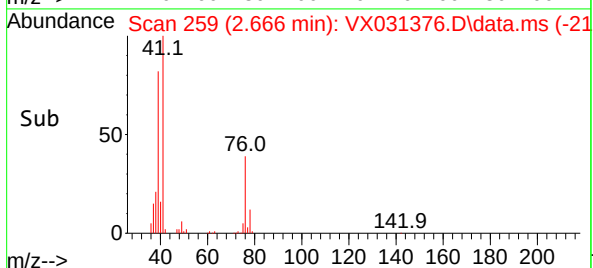
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

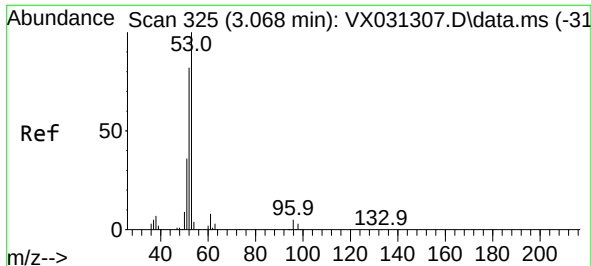


#14
Allyl chloride
Concen: 36.815 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



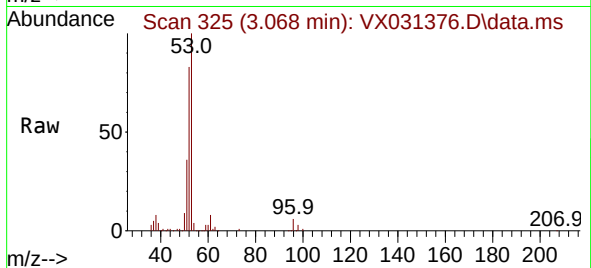
Tgt Ion: 41 Resp: 67352
Ion Ratio Lower Upper
41 100
39 77.3 58.2 87.4
76 36.3 26.9 40.3





#15
Acrylonitrile
Concen: 206.445 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

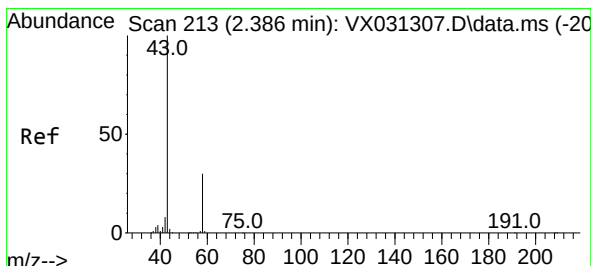
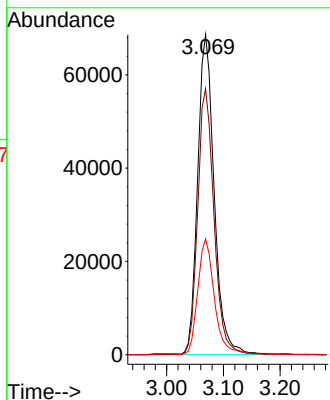
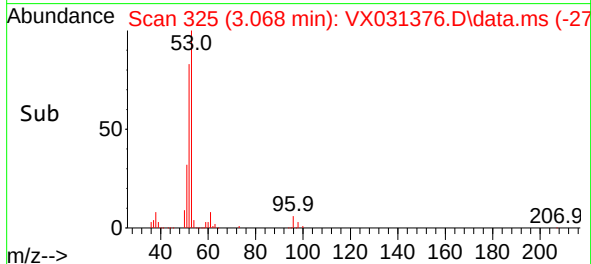
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



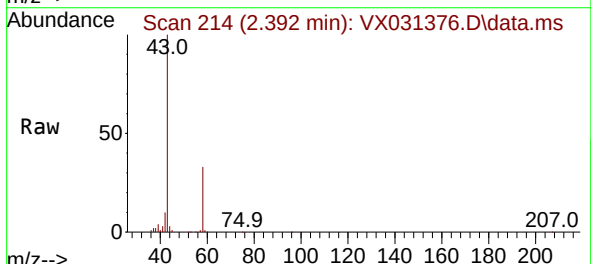
Tgt Ion: 53 Resp: 138630
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.2 30.0 45.0

Manual Integrations
APPROVED

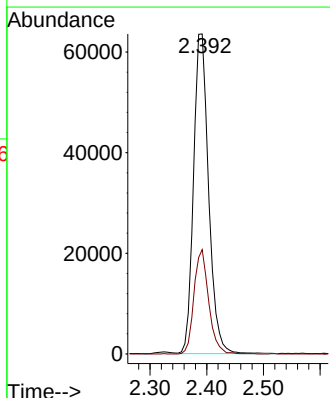
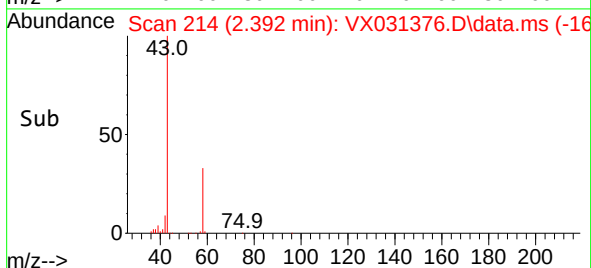
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

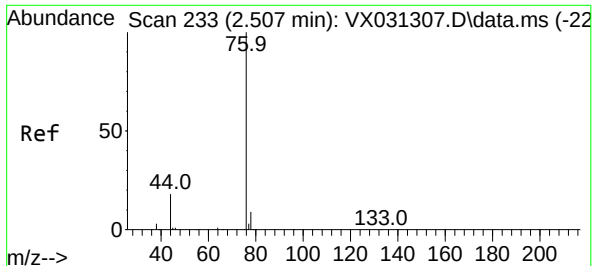


#16
Acetone
Concen: 188.643 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



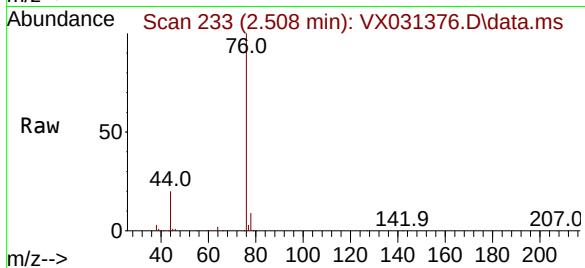
Tgt Ion: 43 Resp: 117250
Ion Ratio Lower Upper
43 100
58 32.6 23.8 35.8





#17
Carbon Disulfide
Concen: 46.897 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

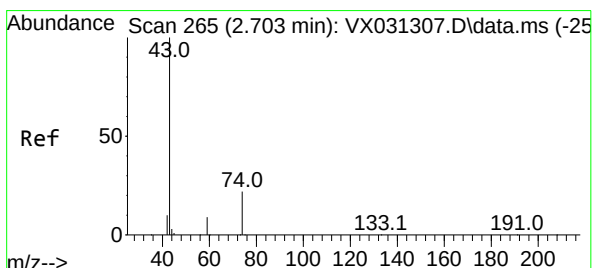
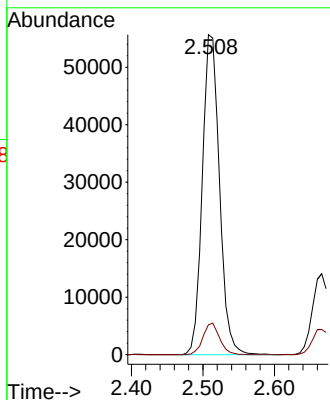
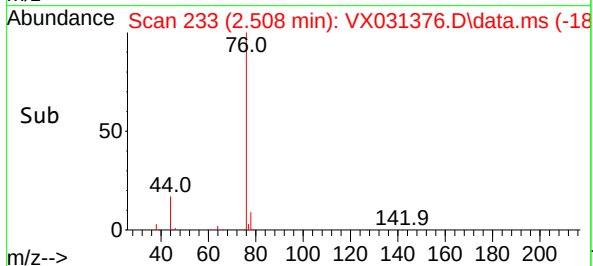
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



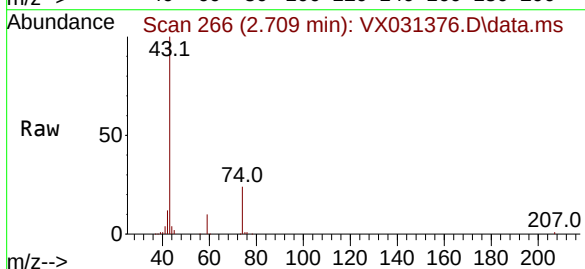
Tgt Ion: 76 Resp: 92820
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

Manual Integrations
APPROVED

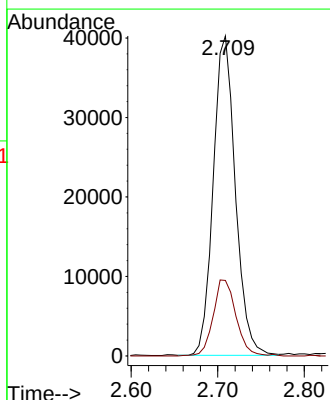
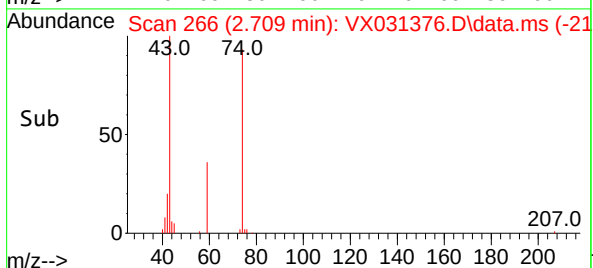
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

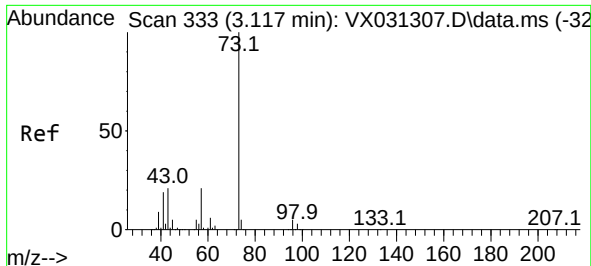


#18
Methyl Acetate
Concen: 38.658 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



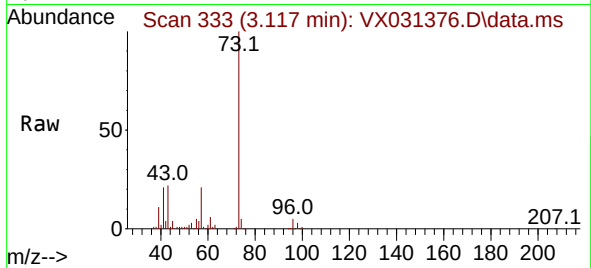
Tgt Ion: 43 Resp: 71250
Ion Ratio Lower Upper
43 100
74 24.7 18.6 27.8





#19
Methyl tert-butyl Ether
Concen: 42.252 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

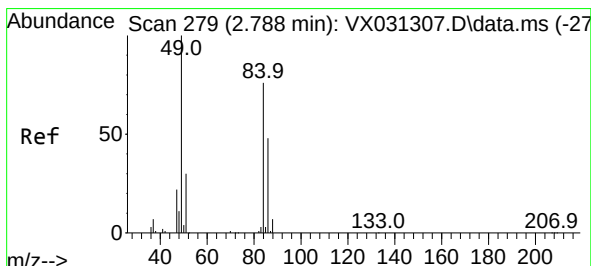
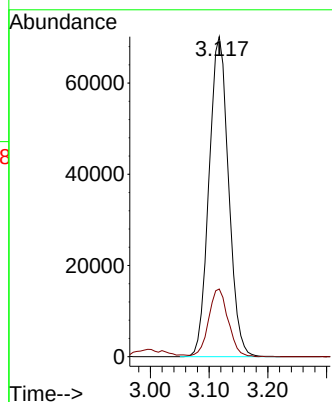
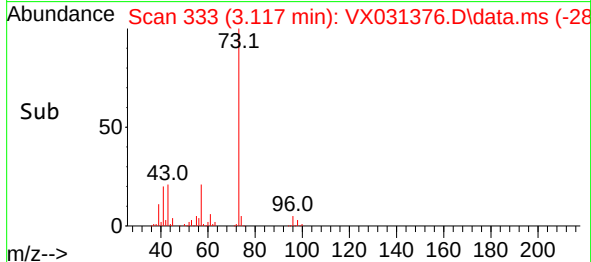
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 162038
Ion Ratio Lower Upper
73 100
57 21.2 17.2 25.8

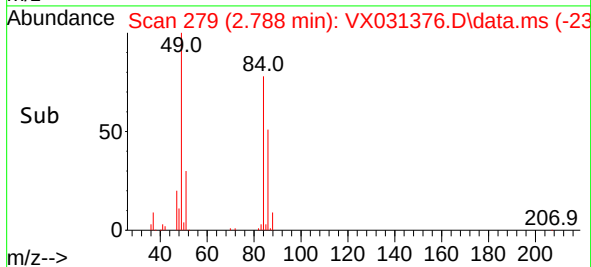
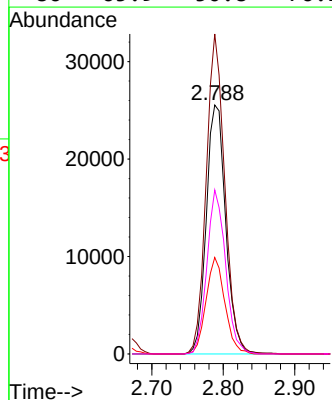
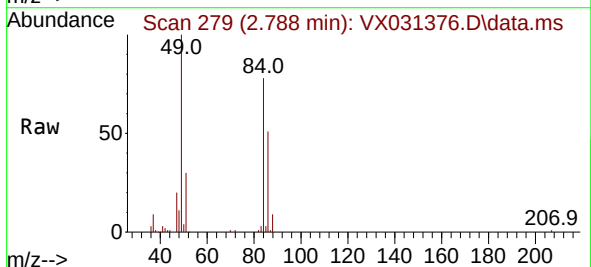
Manual Integrations
APPROVED

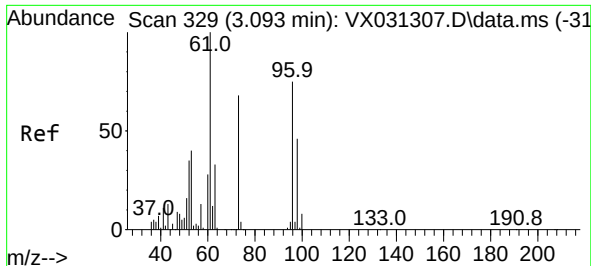
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#20
Methylene Chloride
Concen: 49.590 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

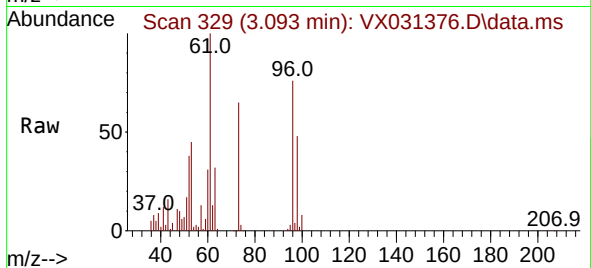
Tgt Ion: 84 Resp: 48356
Ion Ratio Lower Upper
84 100
49 128.6 105.9 158.9
51 38.7 32.2 48.2
86 65.9 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 48.987 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

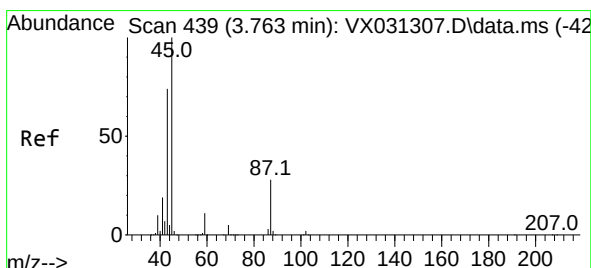
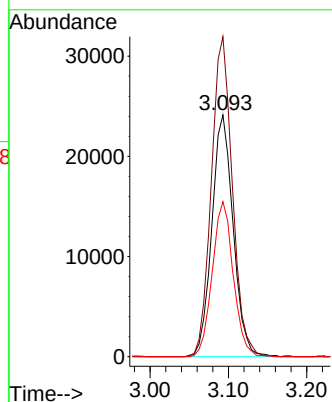
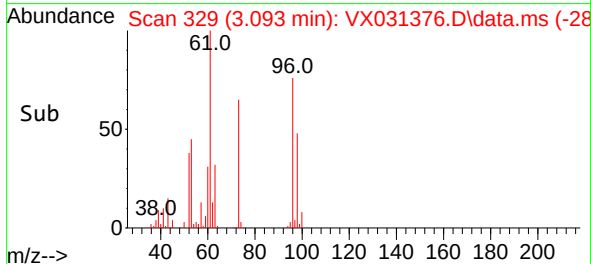
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 45620
Ion Ratio Lower Upper
96 100
61 132.3 106.7 160.1
98 64.1 48.7 73.1

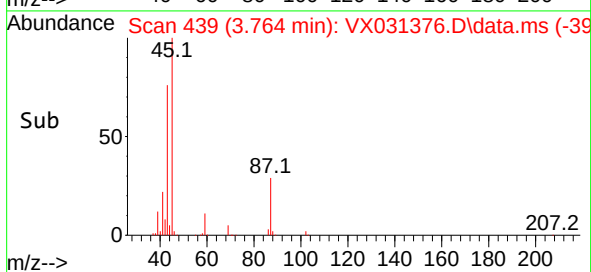
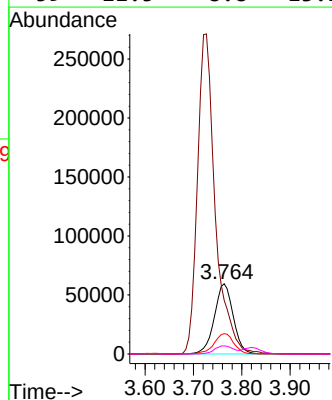
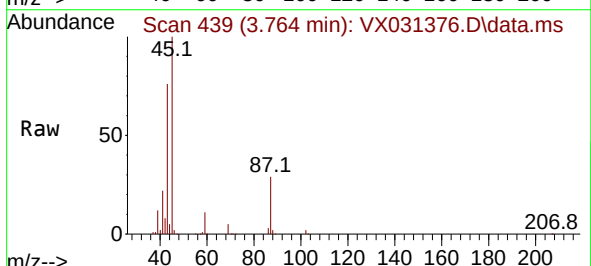
Manual Integrations
APPROVED

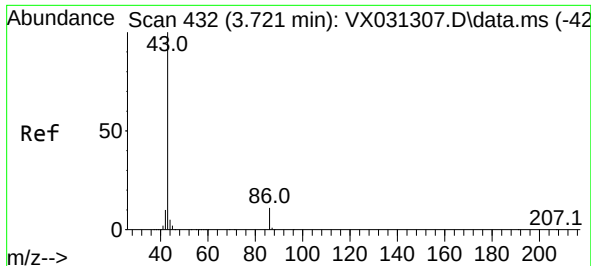
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 41.977 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

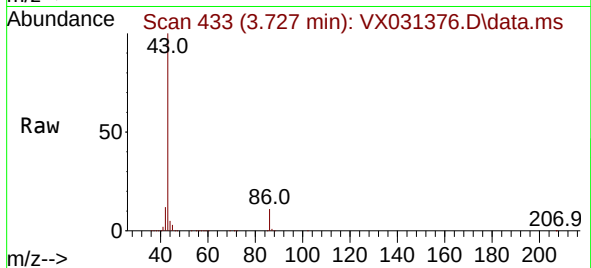
Tgt Ion: 45 Resp: 160703
Ion Ratio Lower Upper
45 100
43 75.9 59.0 88.6
87 29.0 22.6 33.8
59 11.5 8.8 13.2





#23
 Vinyl Acetate
 Concen: 218.523 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX031376.D
 Acq: 15 Sep 2022 23:59

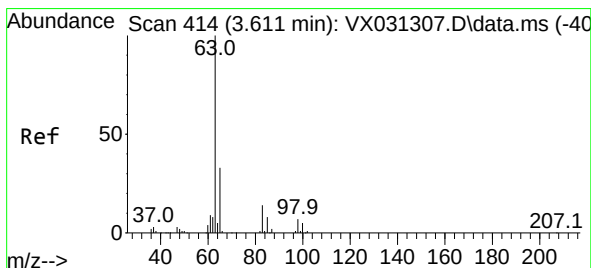
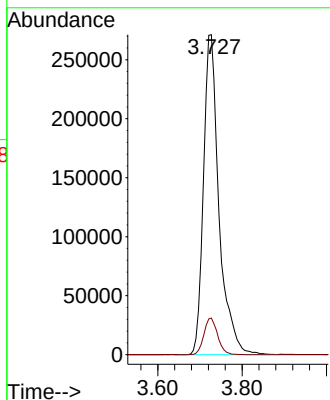
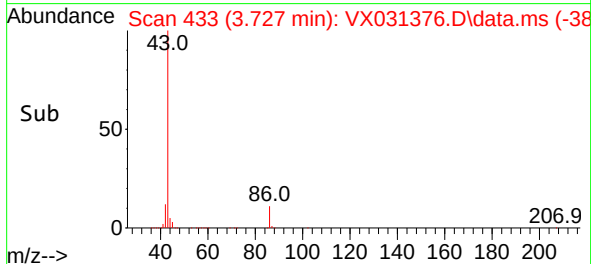
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



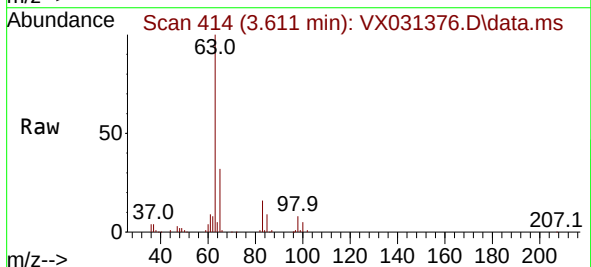
Tgt Ion: 43 Resp: 69525
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.7 13.1

Manual Integrations
 APPROVED

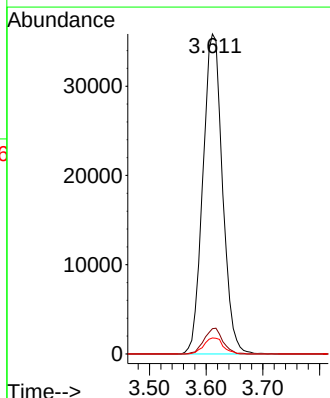
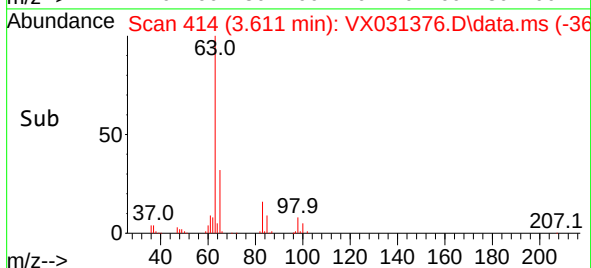
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

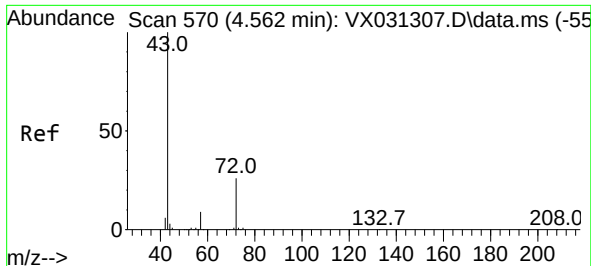


#24
 1,1-Dichloroethane
 Concen: 42.820 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031376.D
 Acq: 15 Sep 2022 23:59



Tgt Ion: 63 Resp: 86033
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.0 2.4 7.2





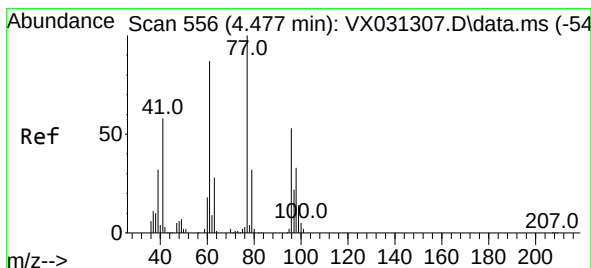
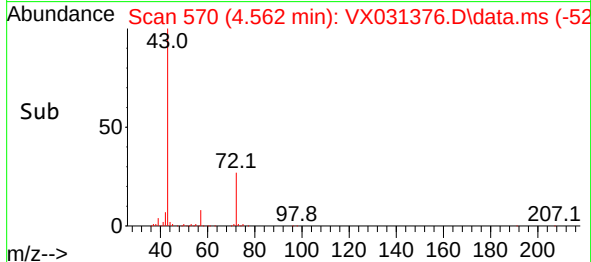
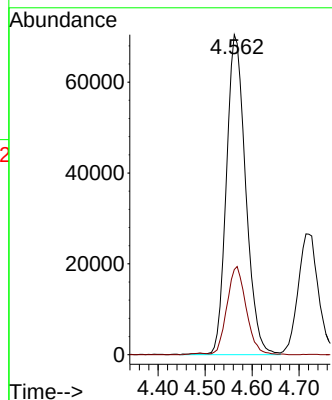
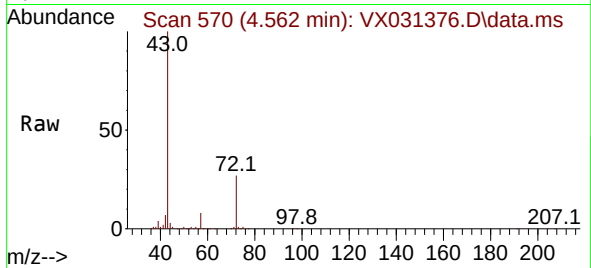
#25
2-Butanone
Concen: 196.000 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 20094
Ion Ratio Lower Upper
43 100
72 26.6 21.1 31.7

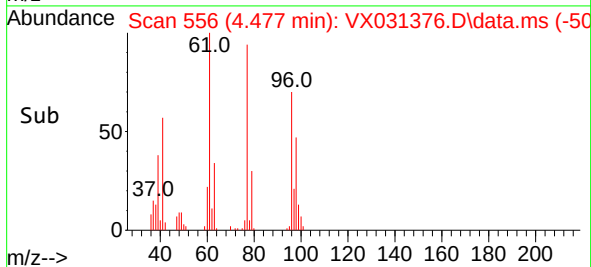
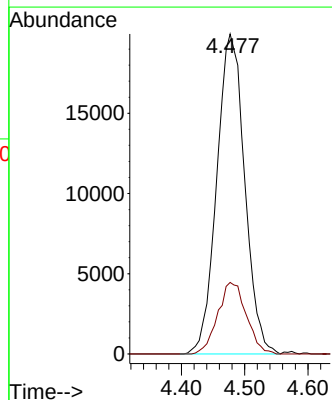
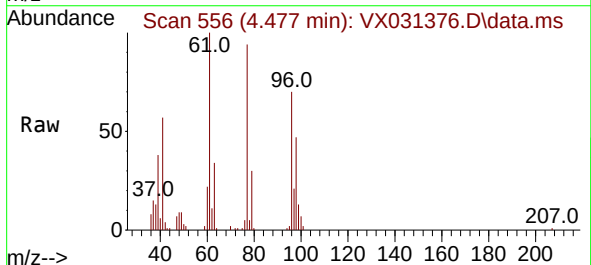
Manual Integrations
APPROVED

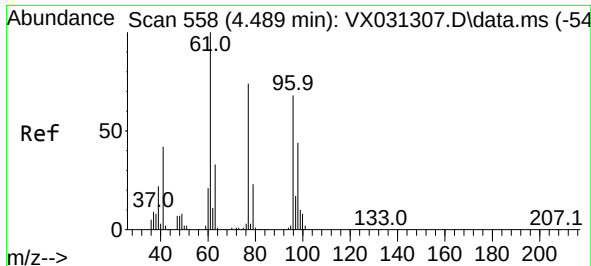
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#26
2,2-Dichloropropane
Concen: 32.064 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

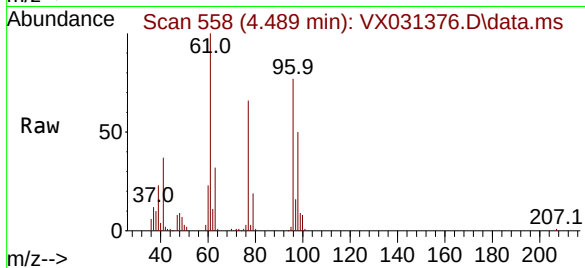
Tgt Ion: 77 Resp: 61120
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.6





#27
 cis-1,2-Dichloroethene
 Concen: 46.063 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX031376.D
 Acq: 15 Sep 2022 23:59

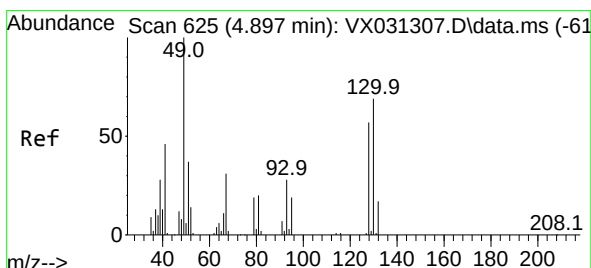
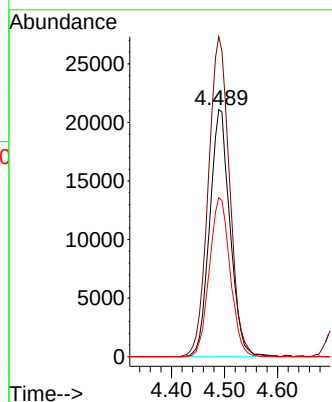
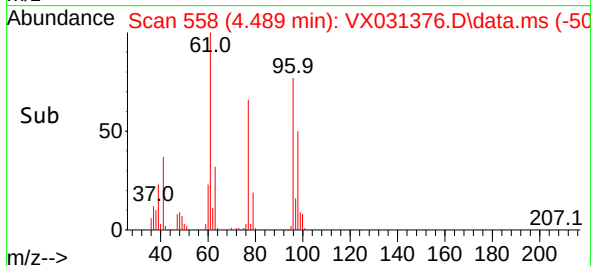
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



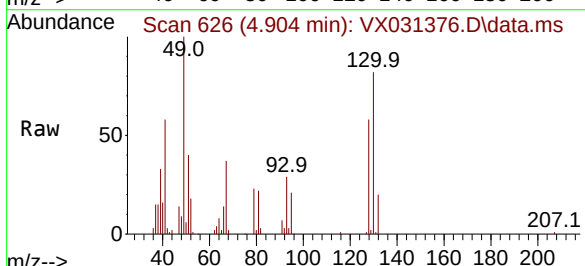
Tgt Ion: 96 Resp: 56189
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 305.2
 98 65.5 0.0 128.4

Manual Integrations
 APPROVED

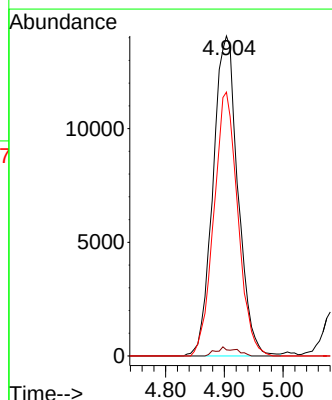
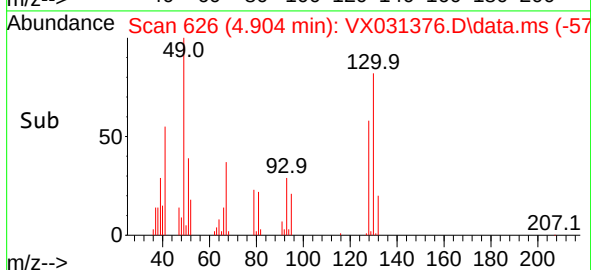
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

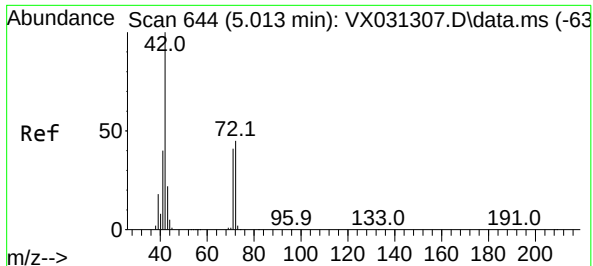


#28
 Bromochloromethane
 Concen: 44.335 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX031376.D
 Acq: 15 Sep 2022 23:59



Tgt Ion: 49 Resp: 41519
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 79.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 200.137 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

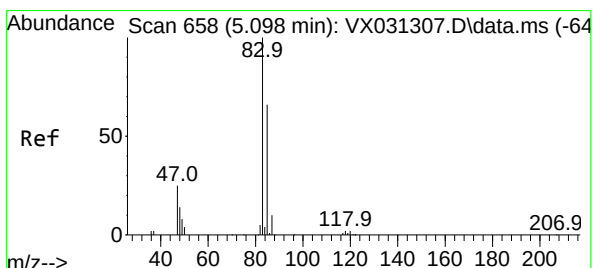
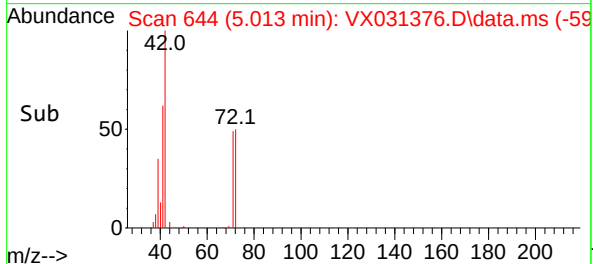
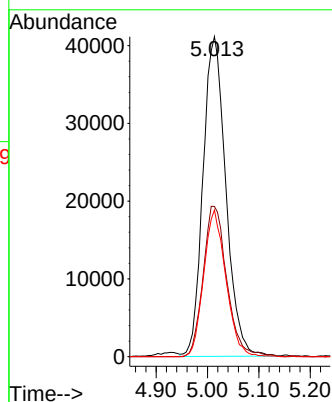
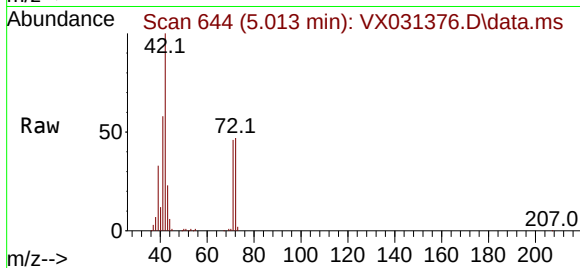
Tgt Ion:	42	Resp:	127094
Ion Ratio	Lower	Upper	
42	100		
72	48.8	36.4	54.6
71	44.5	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 45.398 ug/l

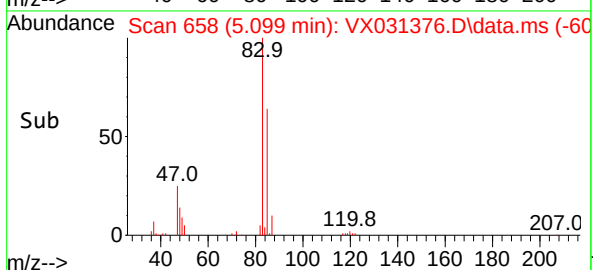
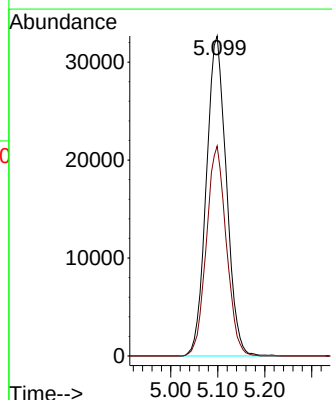
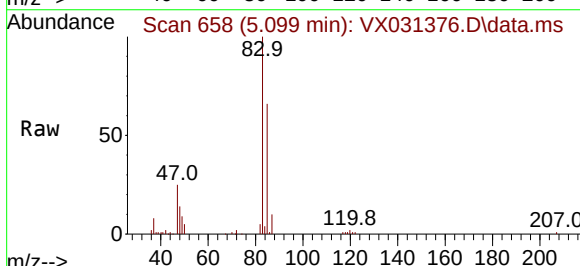
RT: 5.099 min Scan# 658

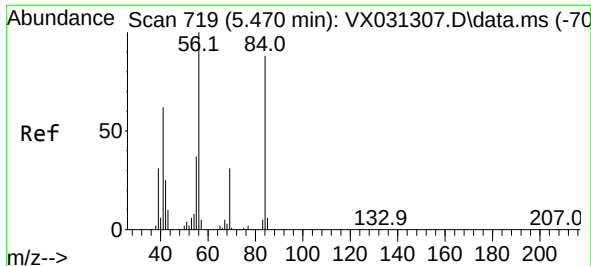
Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

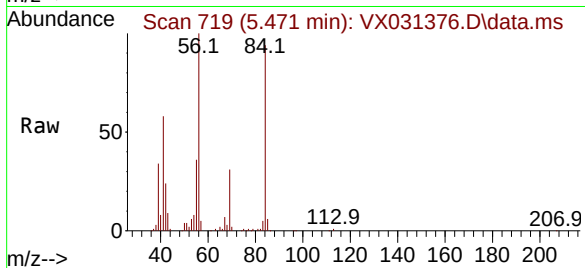
Tgt Ion:	83	Resp:	96587
Ion Ratio	Lower	Upper	
83	100		
85	65.6	52.8	79.2





#31
Cyclohexane
Concen: 45.939 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

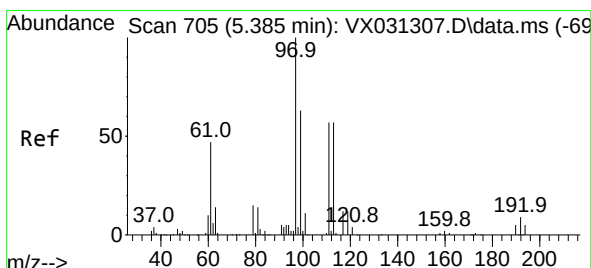
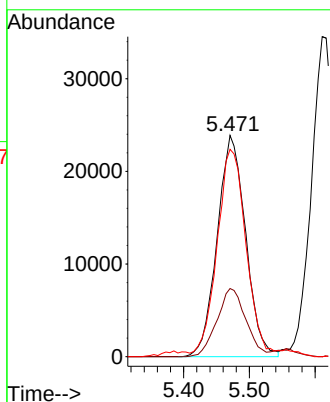
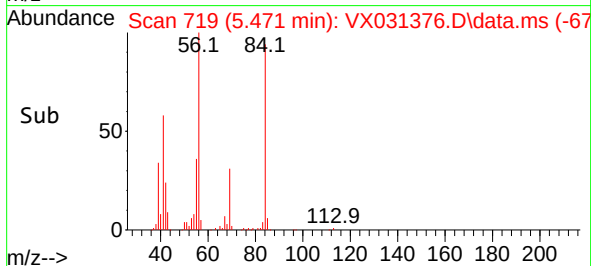
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7185
Ion Ratio Lower Upper
56 100
69 30.8 25.1 37.7
84 92.0 70.2 105.4

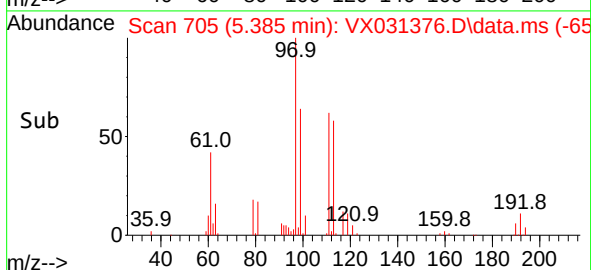
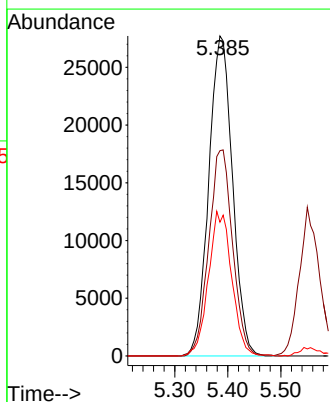
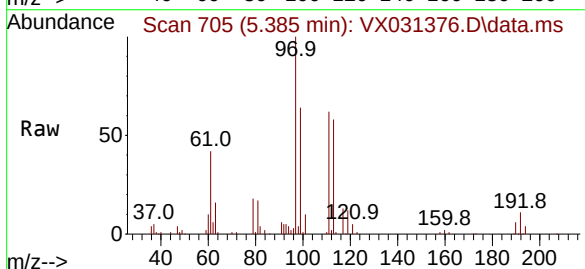
Manual Integrations
APPROVED

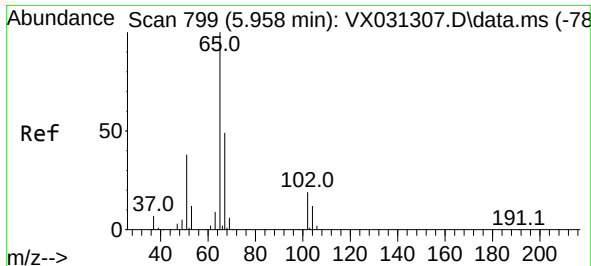
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#32
1,1,1-Trichloroethane
Concen: 45.229 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

Tgt Ion: 97 Resp: 86224
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 44.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 41.902 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 61000

Ion Ratio Lower Upper

65 100

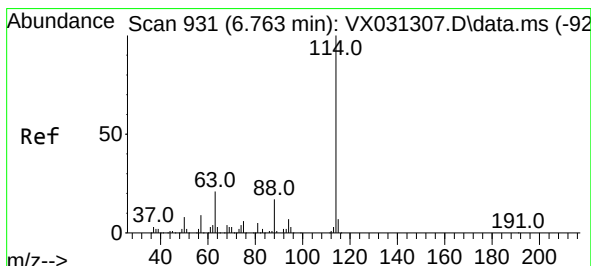
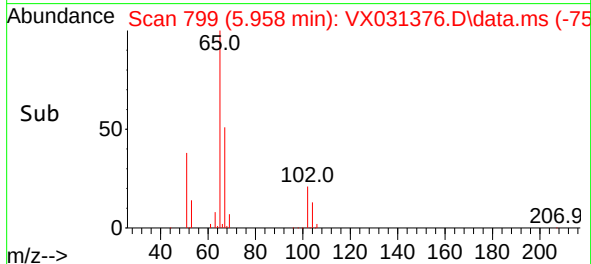
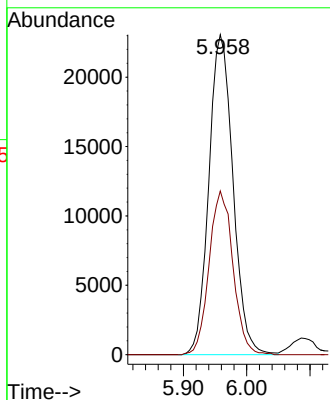
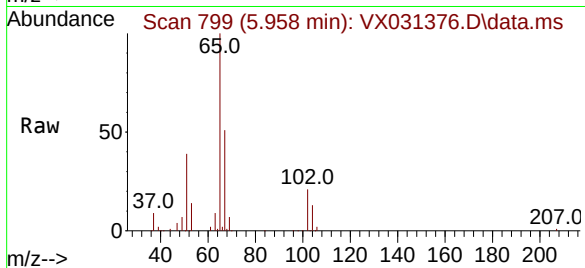
67 50.7 0.0 102.4

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: VX031376.D

Acq: 15 Sep 2022 23:59

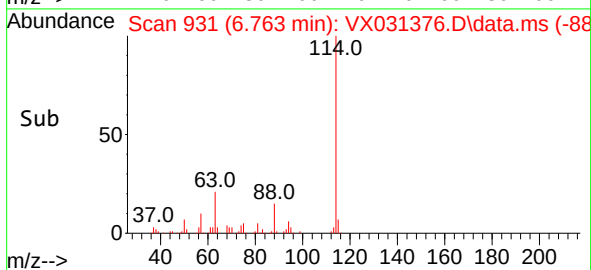
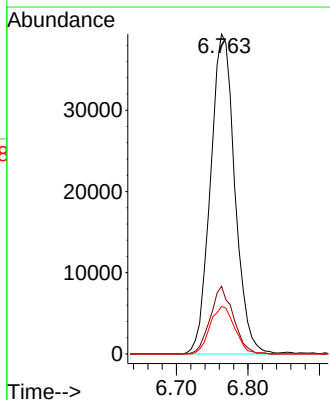
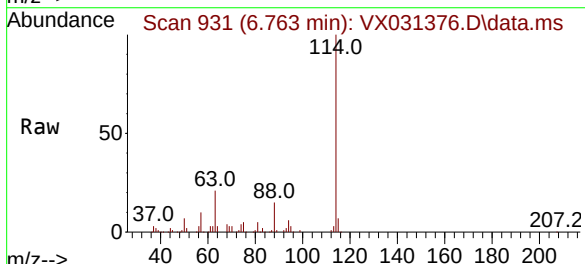
Tgt Ion:114 Resp: 93260

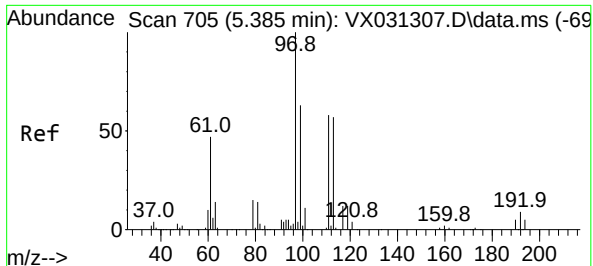
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

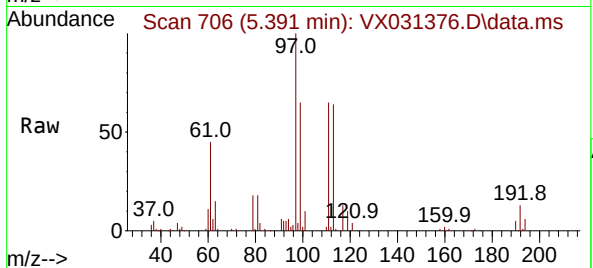
88 14.9 0.0 33.0





#35
Dibromofluoromethane
Concen: 49.723 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

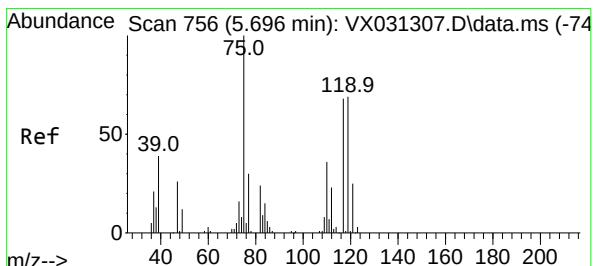
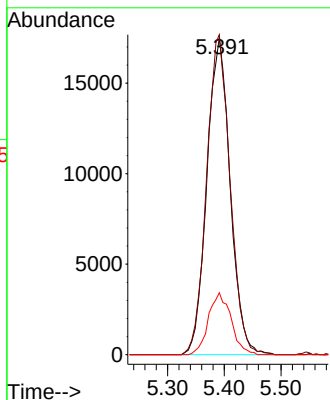
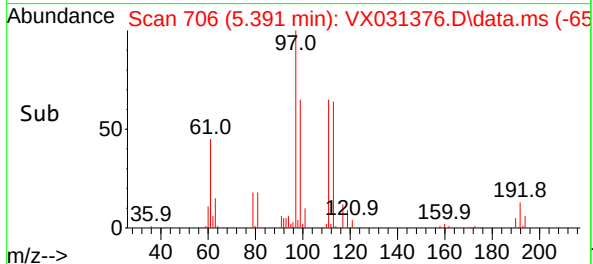
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 49840
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 19.0 14.1 21.1

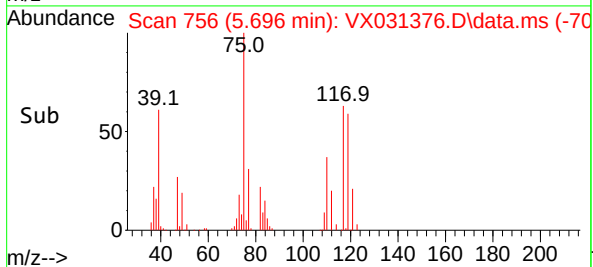
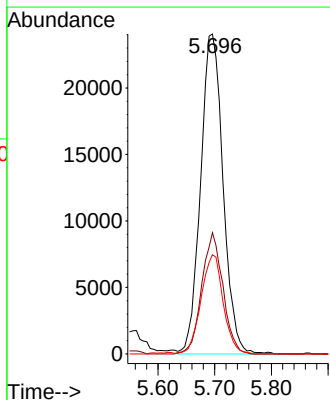
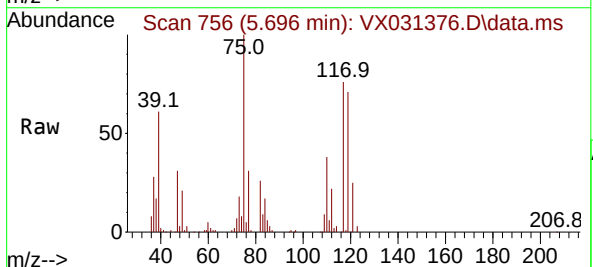
Manual Integrations
APPROVED

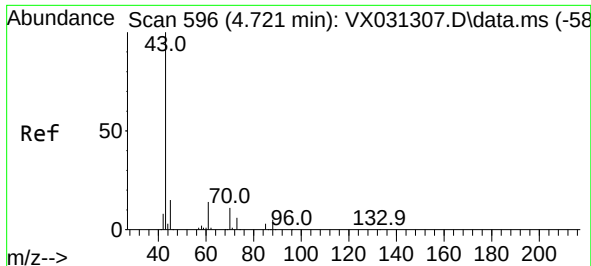
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#36
1,1-Dichloropropene
Concen: 48.305 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

Tgt Ion: 75 Resp: 66280
Ion Ratio Lower Upper
75 100
110 35.6 17.5 52.5
77 30.5 24.9 37.3





#37

Ethyl Acetate

Concen: 44.380 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

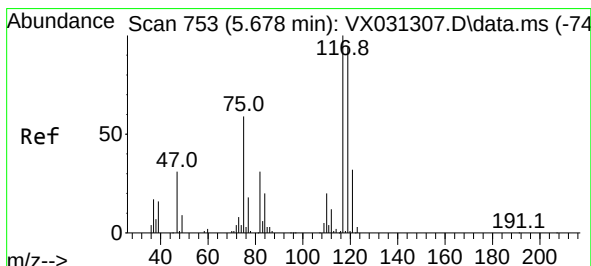
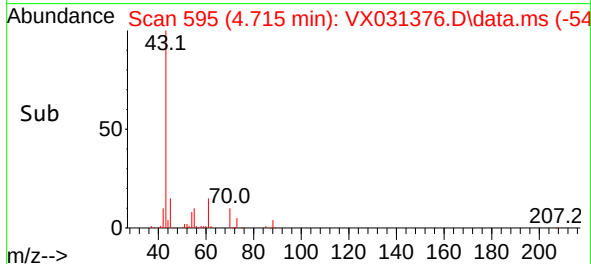
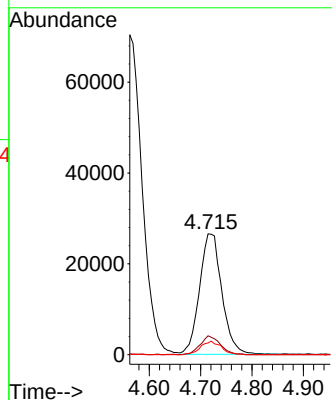
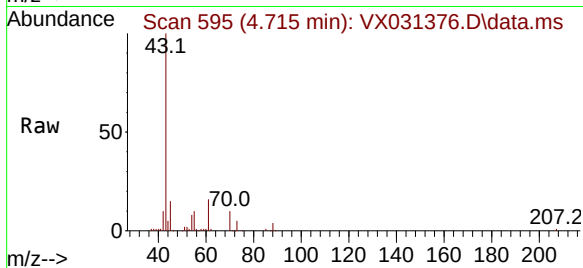
Tgt Ion:	43	Resp:	8002
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	10.3	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#38

Carbon Tetrachloride

Concen: 49.671 ug/l

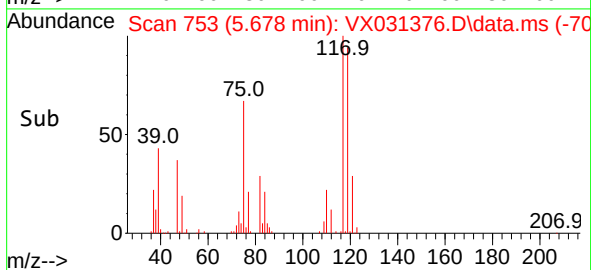
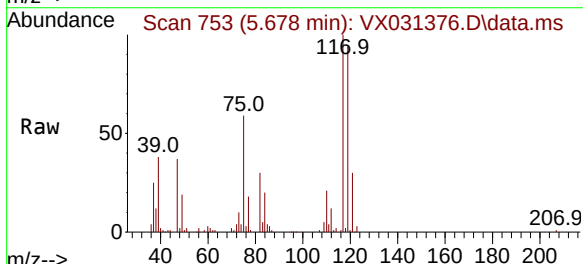
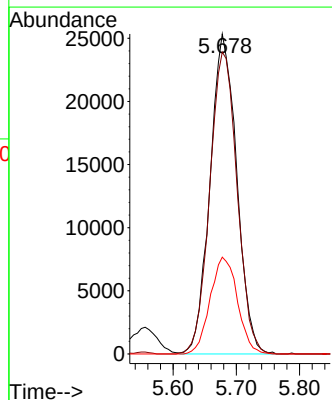
RT: 5.678 min Scan# 753

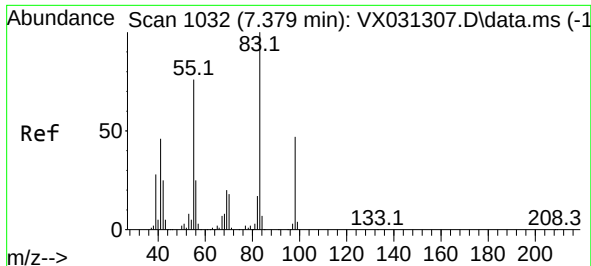
Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

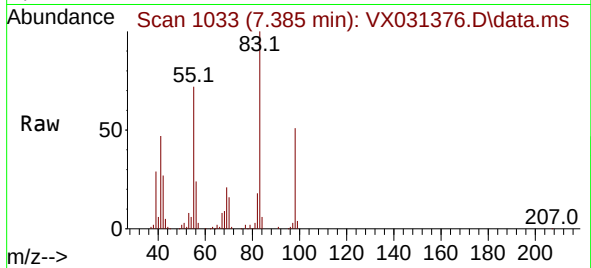
Tgt Ion:	117	Resp:	74085
Ion	Ratio	Lower	Upper
117	100		
119	94.3	74.6	112.0
121	30.3	25.3	37.9





#39
Methylcyclohexane
Concen: 48.924 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

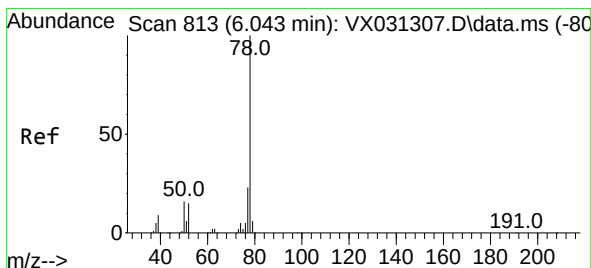
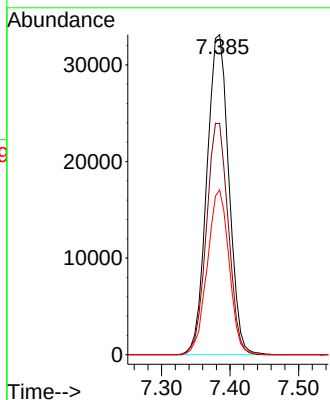
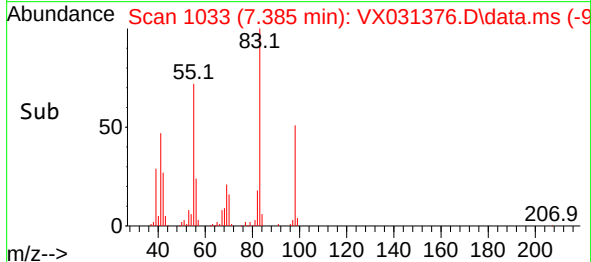
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 73928
Ion Ratio Lower Upper
83 100
55 72.3 61.0 91.4
98 51.5 37.7 56.5

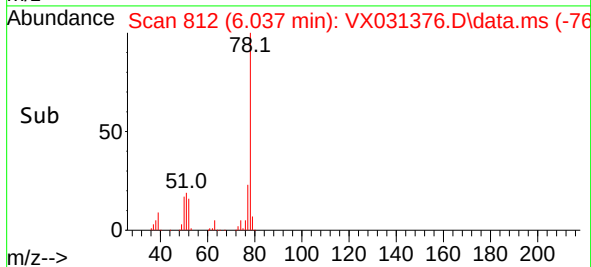
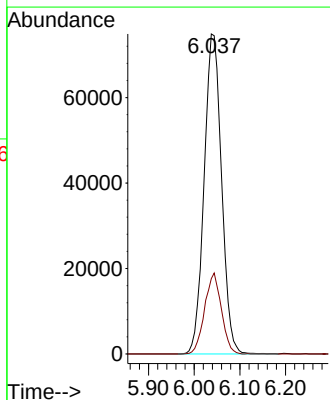
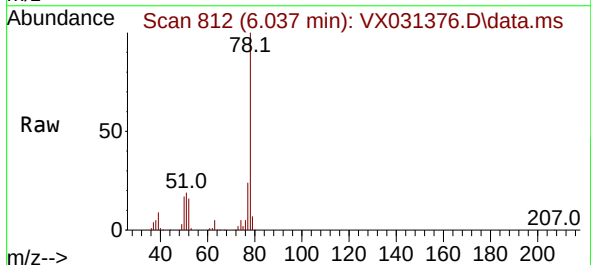
Manual Integrations
APPROVED

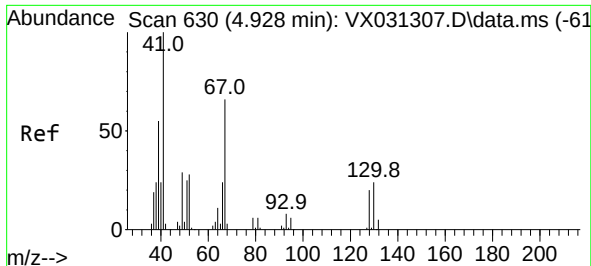
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#40
Benzene
Concen: 50.417 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

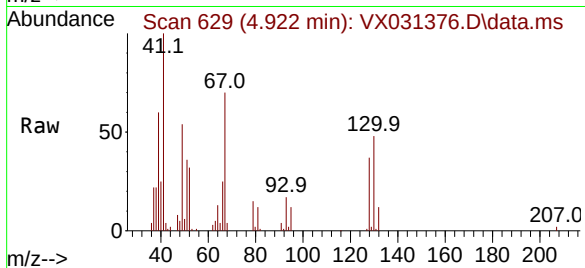
Tgt Ion: 78 Resp: 198655
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1





#41
Methacrylonitrile
Concen: 43.420 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

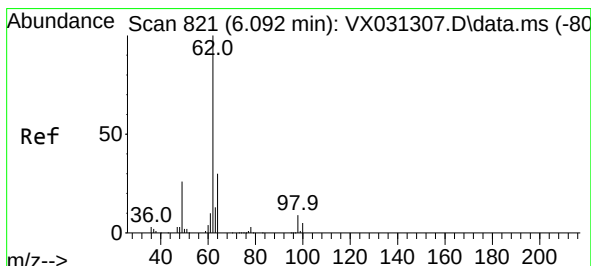
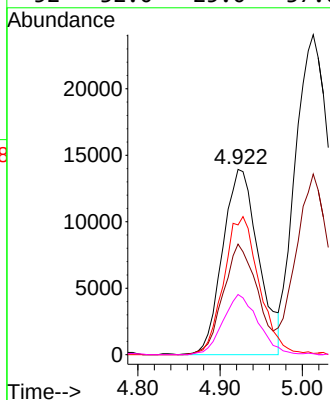
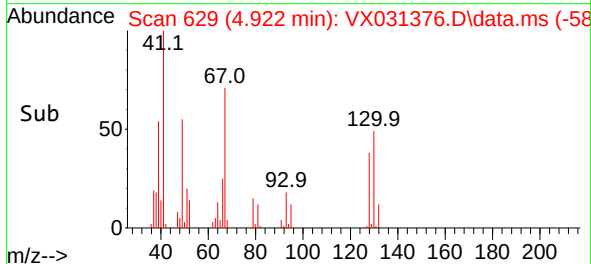
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 4241
Ion Ratio Lower Upper
41 100
39 56.5 45.0 67.6
67 73.8 58.2 87.4
52 32.0 25.0 37.6

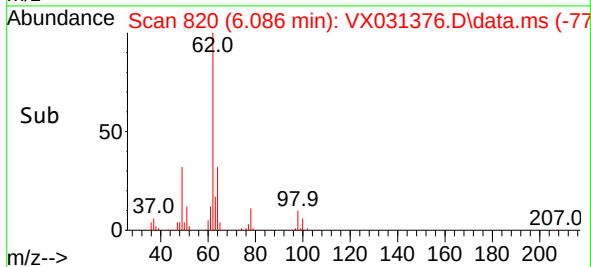
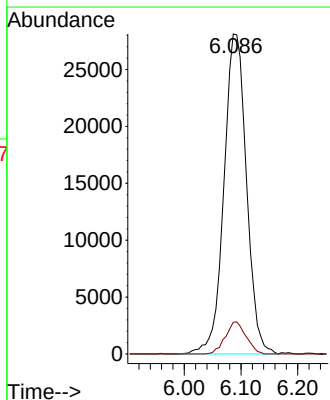
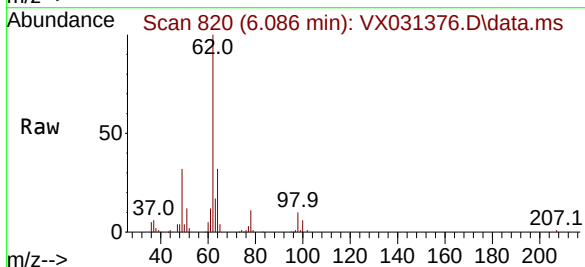
Manual Integrations
APPROVED

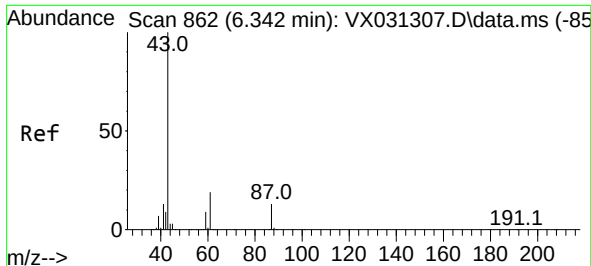
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#42
1,2-Dichloroethane
Concen: 48.882 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

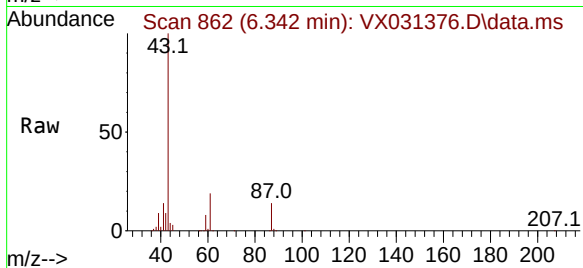
Tgt Ion: 62 Resp: 77690
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.8





#43
Isopropyl Acetate
Concen: 42.836 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

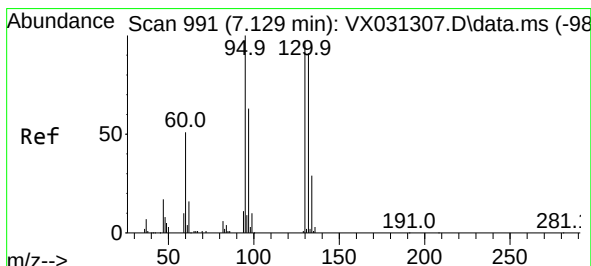
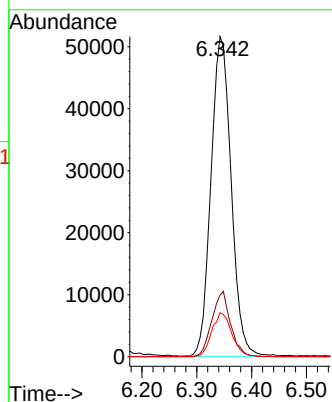
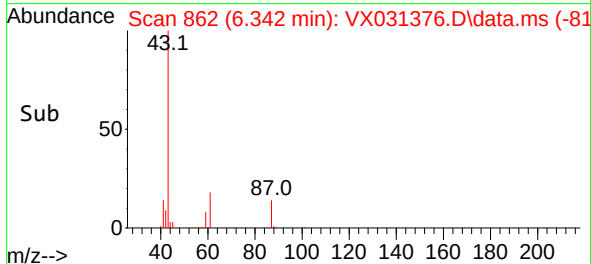
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



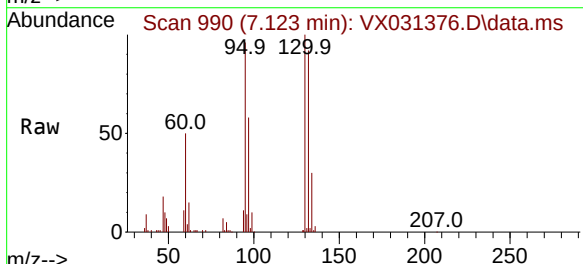
Tgt Ion: 43 Resp: 131844
Ion Ratio Lower Upper
43 100
61 18.8 15.3 22.9
87 13.6 10.6 15.8

Manual Integrations
APPROVED

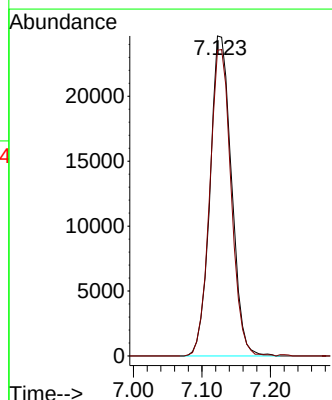
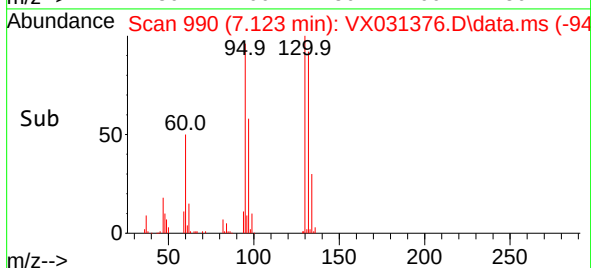
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

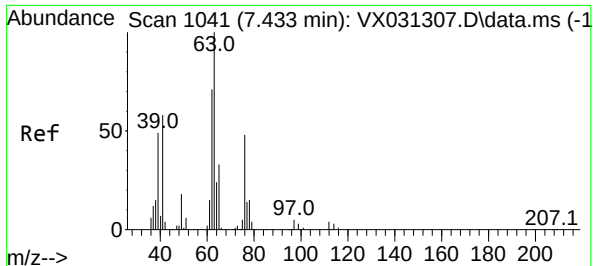


#44
Trichloroethene
Concen: 53.349 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



Tgt Ion:130 Resp: 53594
Ion Ratio Lower Upper
130 100
95 95.6 0.0 206.8





#45

1,2-Dichloropropane

Concen: 45.867 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

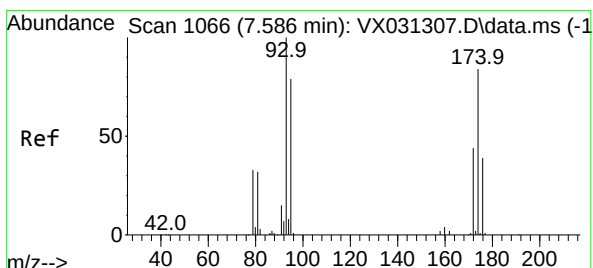
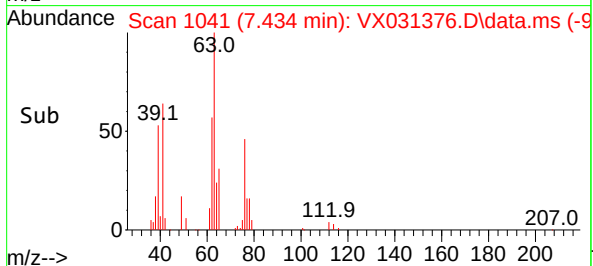
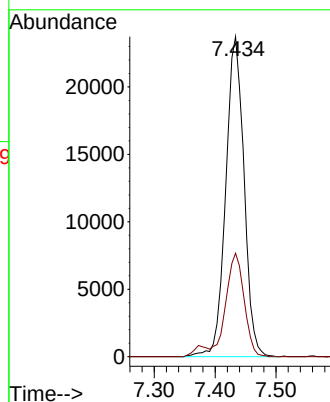
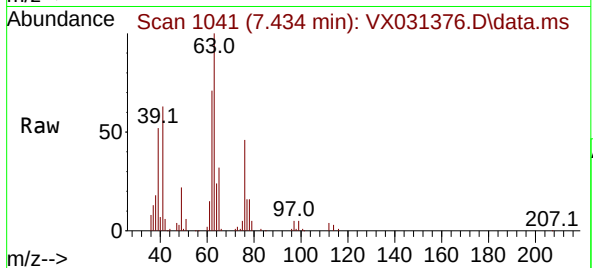
Tgt Ion: 63 Resp: 49470
 Ion Ratio Lower Upper
 63 100
 65 32.3 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 51.093 ug/l

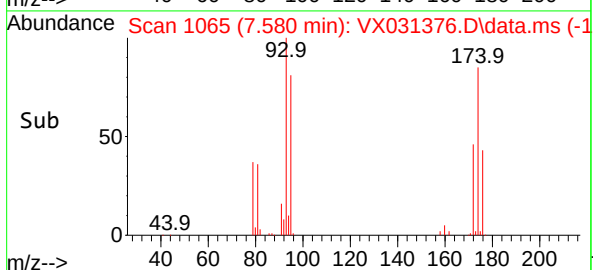
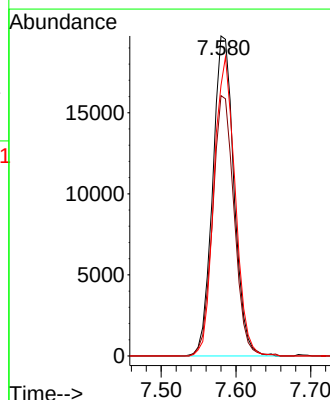
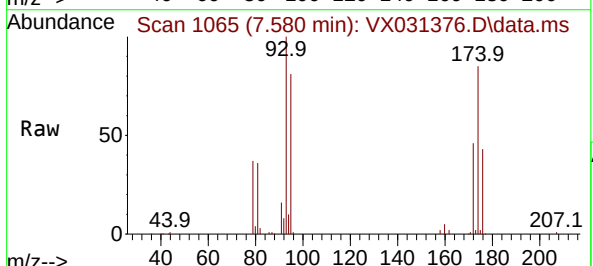
RT: 7.580 min Scan# 1065

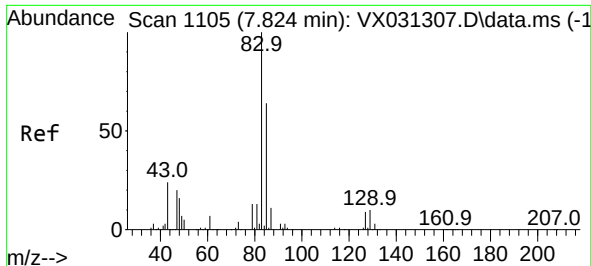
Delta R.T. -0.006 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

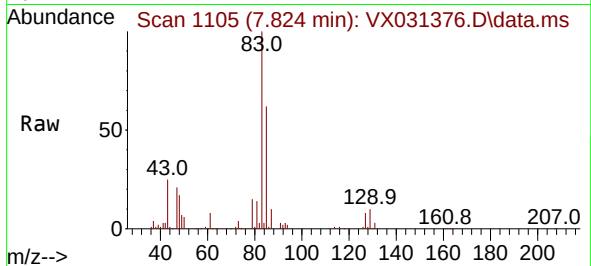
Tgt Ion: 93 Resp: 39085
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.5 98.3
 174 92.7 67.6 101.4





#47
Bromodichloromethane
Concen: 47.252 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

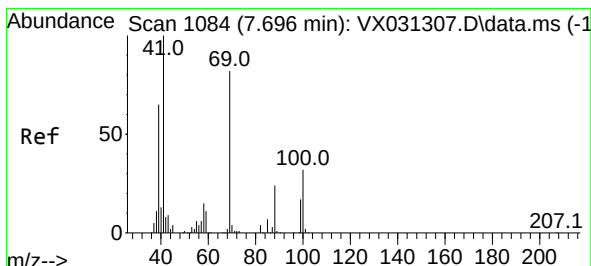
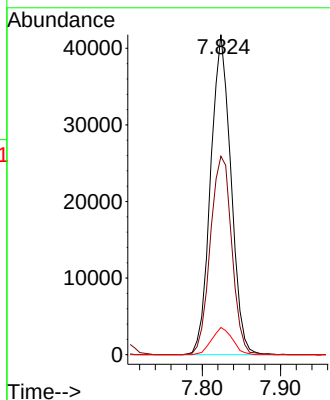
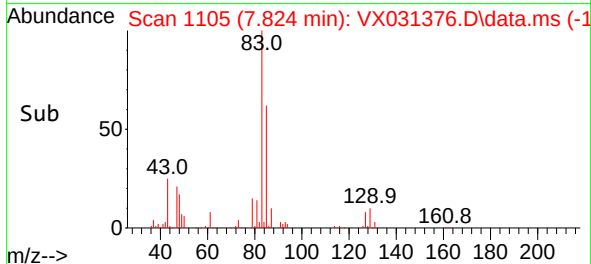
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 7518
Ion Ratio Lower Upper
83 100
85 62.0 51.0 76.6
127 8.5 7.0 10.6

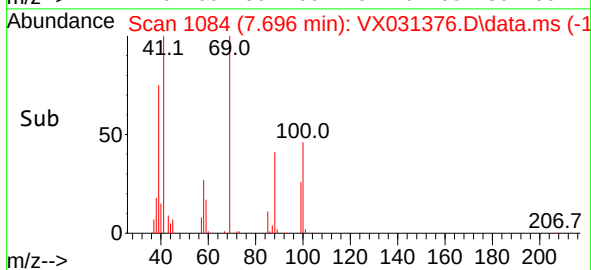
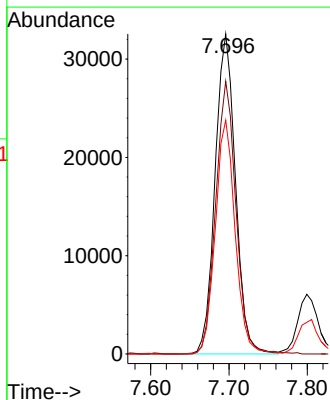
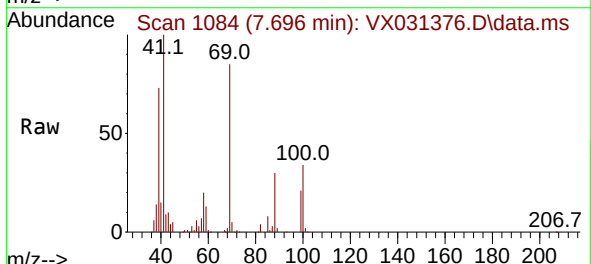
Manual Integrations
APPROVED

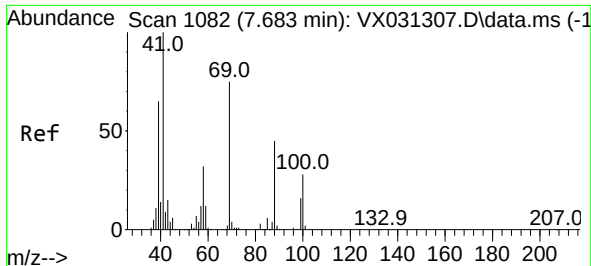
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#48
Methyl methacrylate
Concen: 42.029 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

Tgt Ion: 41 Resp: 58888
Ion Ratio Lower Upper
41 100
69 84.7 64.6 96.8
39 71.6 51.4 77.0





#49

1,4-Dioxane

Concen: 958.538 ug/l

RT: 7.690 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

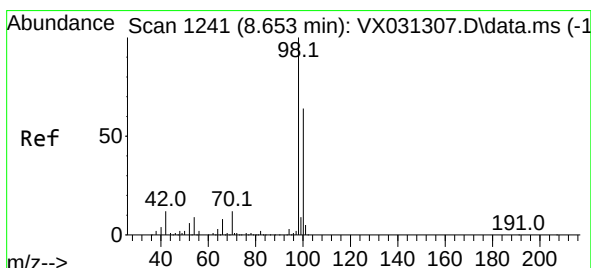
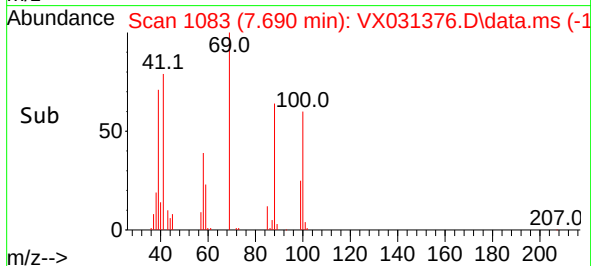
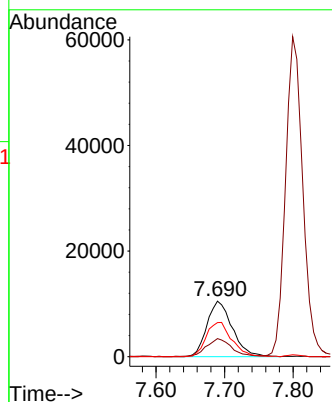
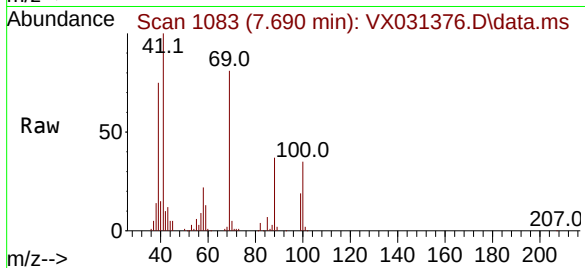
Tgt Ion:	88	Resp:	26934
Ion	Ratio	Lower	Upper
88	100		
43	32.9	27.1	40.7
58	62.2	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 50.205 ug/l

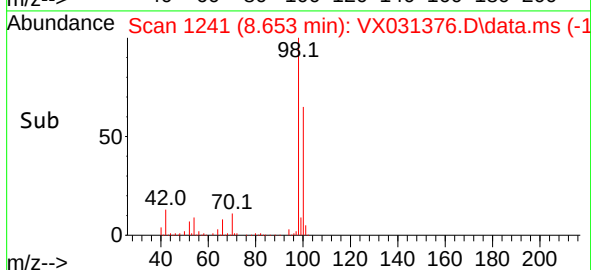
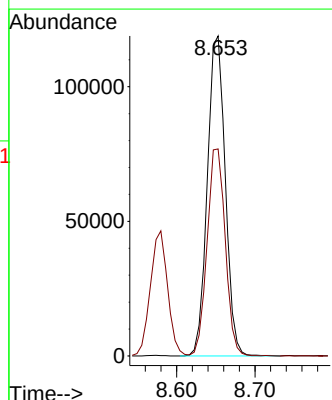
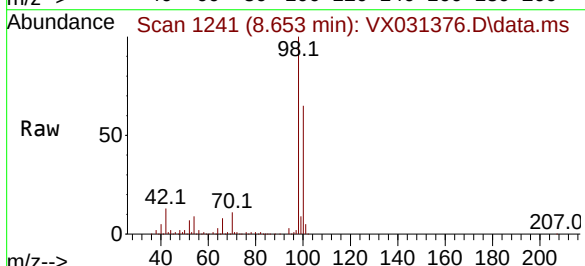
RT: 8.653 min Scan# 1241

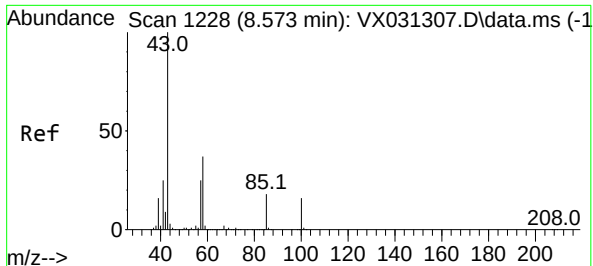
Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

Tgt Ion:	98	Resp:	188793
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 229.056 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 428529

Ion Ratio Lower Upper

43 100

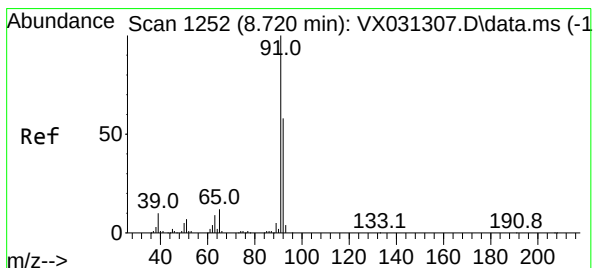
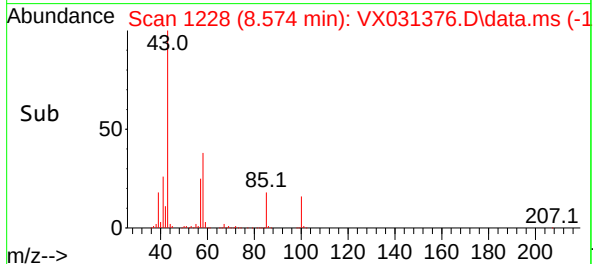
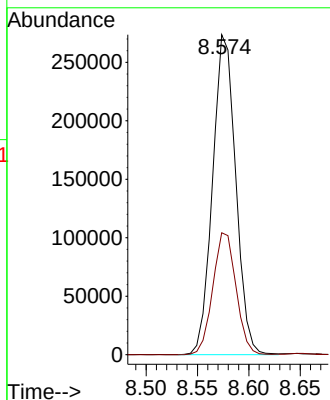
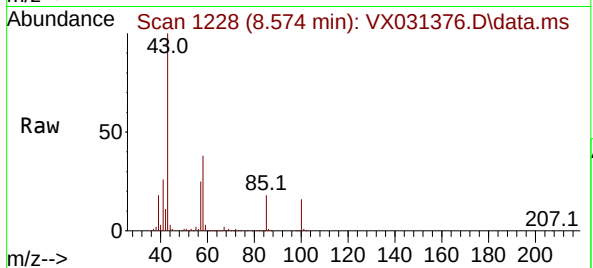
58 38.3 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#52

Toluene

Concen: 53.482 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX031376.D

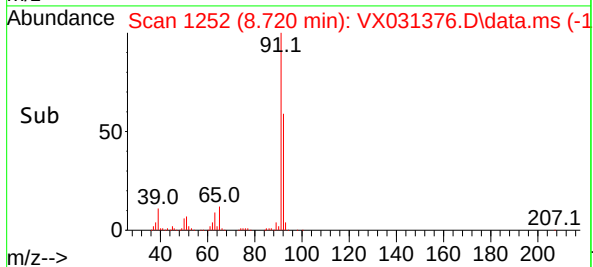
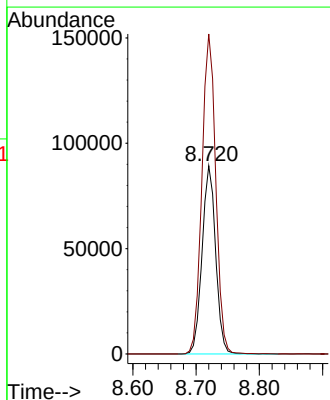
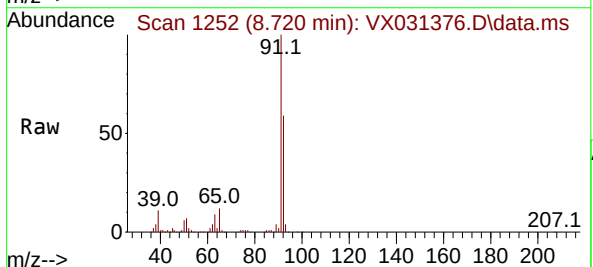
Acq: 15 Sep 2022 23:59

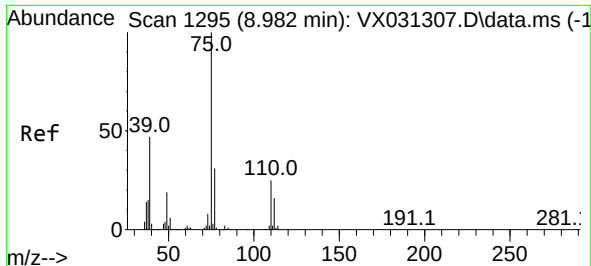
Tgt Ion: 92 Resp: 133303

Ion Ratio Lower Upper

92 100

91 173.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 45.137 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 80820

Ion Ratio Lower Upper

75 100

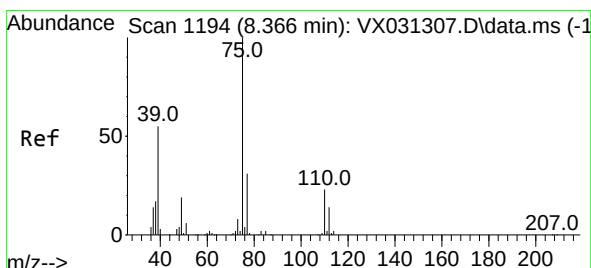
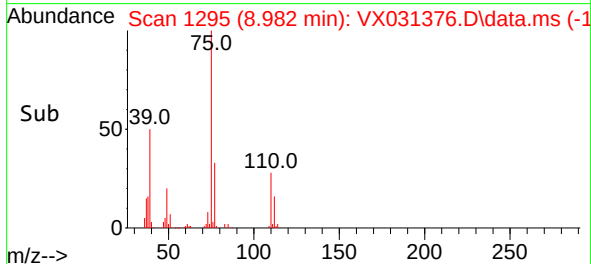
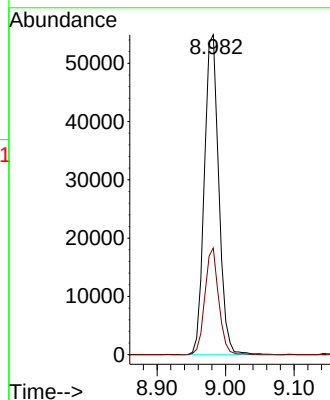
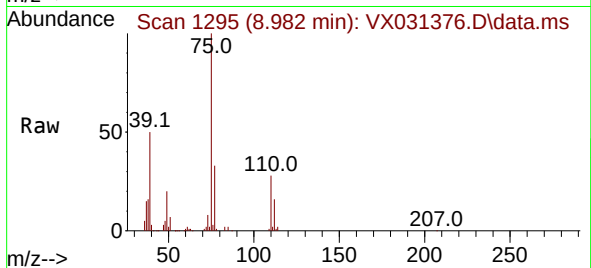
77 33.4 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#54

cis-1,3-Dichloropropene

Concen: 44.348 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

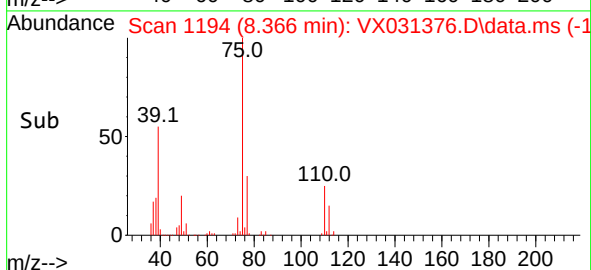
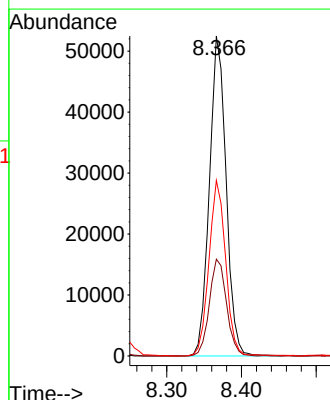
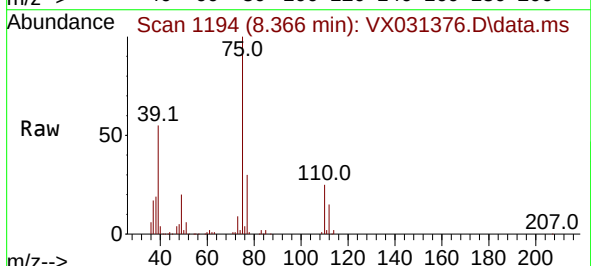
Tgt Ion: 75 Resp: 81603

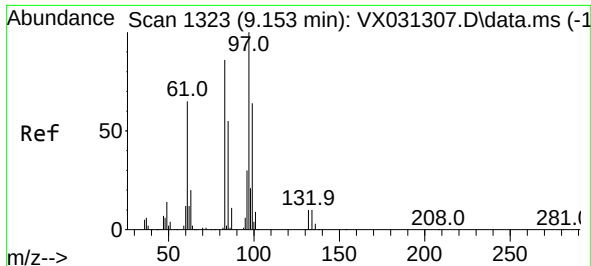
Ion Ratio Lower Upper

75 100

77 30.3 24.4 36.6

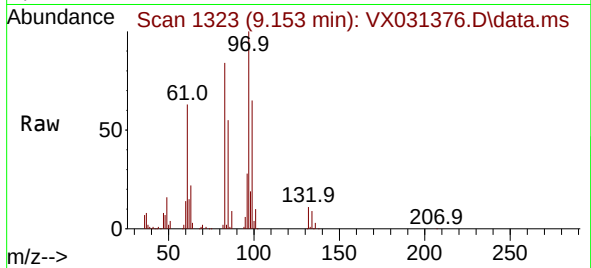
39 54.8 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 51.303 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

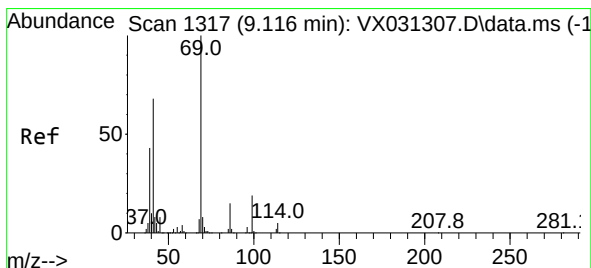
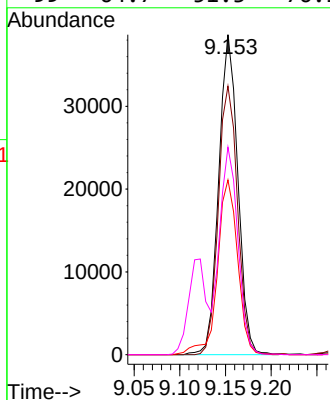
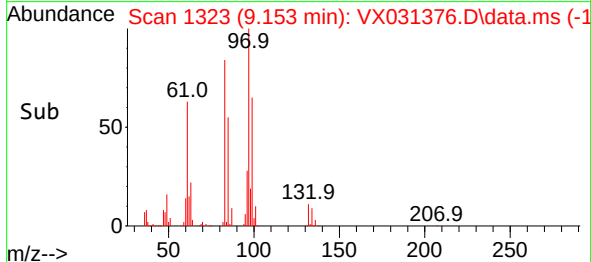
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



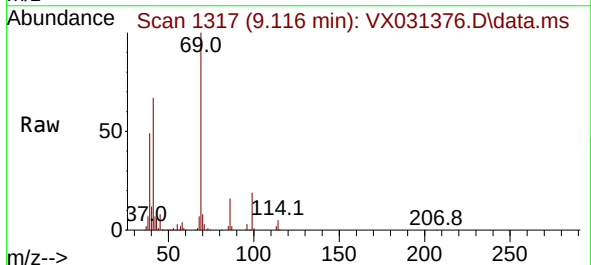
Tgt Ion: 97 Resp: 5644
Ion Ratio Lower Upper
97 100
83 83.9 69.0 103.6
85 54.6 44.1 66.1
99 64.7 51.3 76.9

Manual Integrations
APPROVED

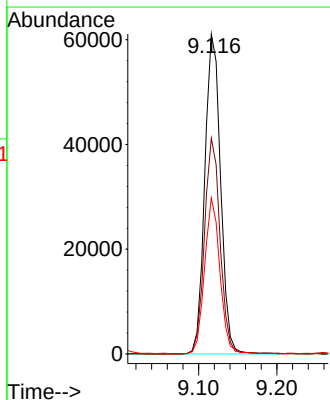
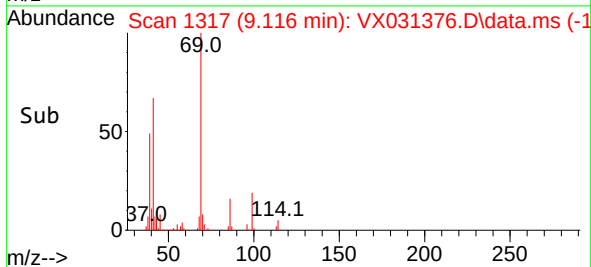
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

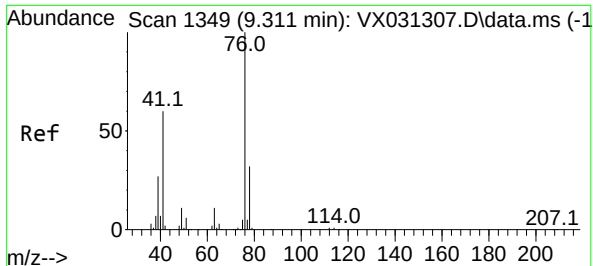


#56
Ethyl methacrylate
Concen: 47.789 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



Tgt Ion: 69 Resp: 85119
Ion Ratio Lower Upper
69 100
41 67.1 54.2 81.4
39 47.7 34.2 51.2





#57

1,3-Dichloropropane

Concen: 48.697 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9206

Ion Ratio Lower Upper

76 100

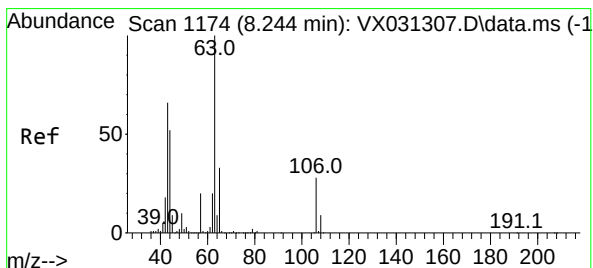
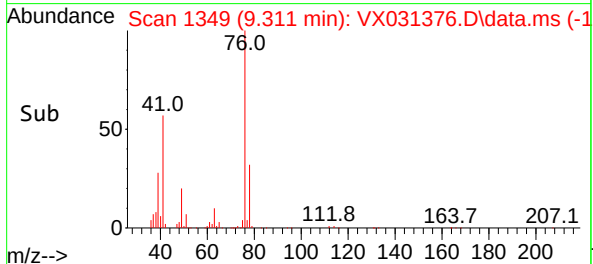
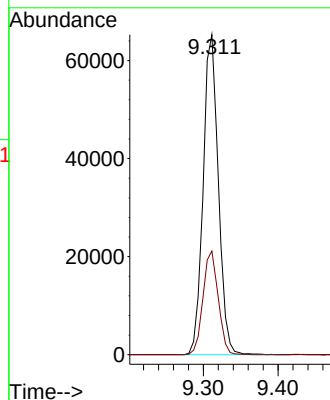
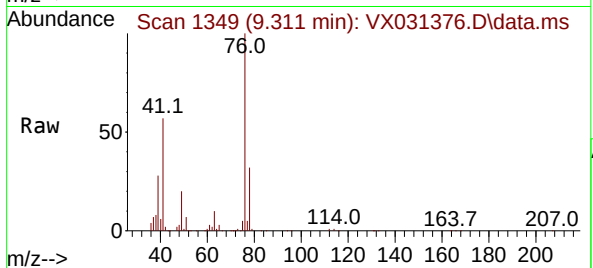
78 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 226.282 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031376.D

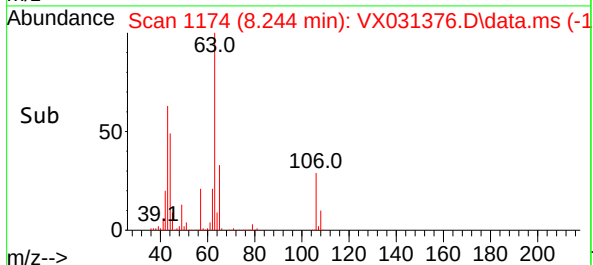
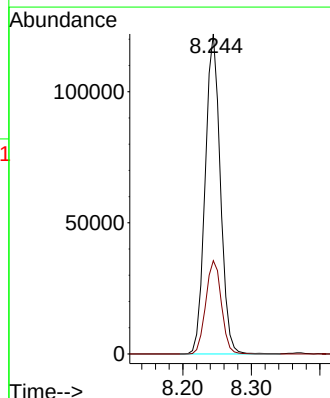
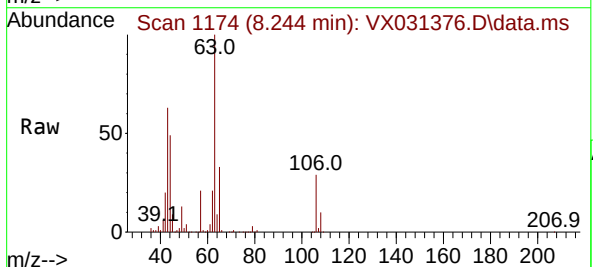
Acq: 15 Sep 2022 23:59

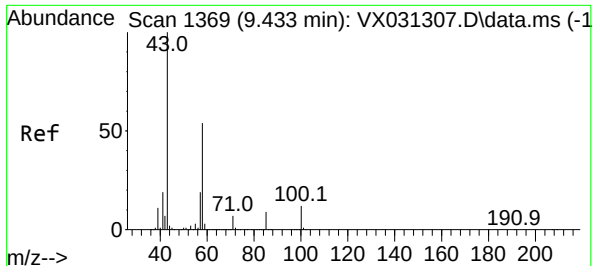
Tgt Ion: 63 Resp: 187788

Ion Ratio Lower Upper

63 100

106 30.0 22.6 34.0





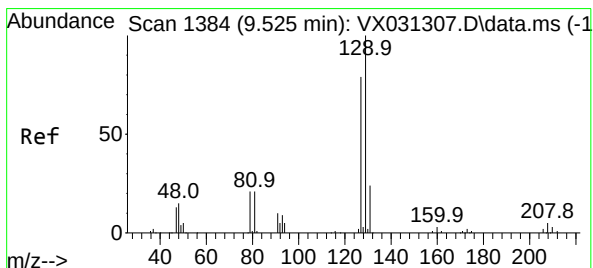
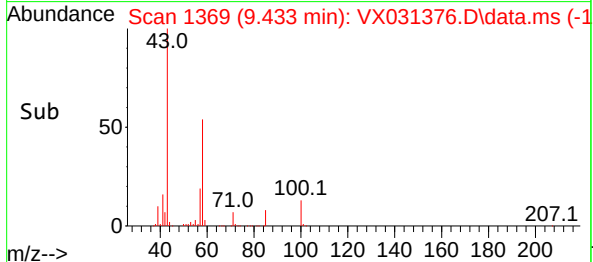
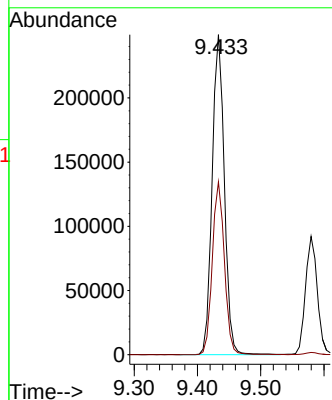
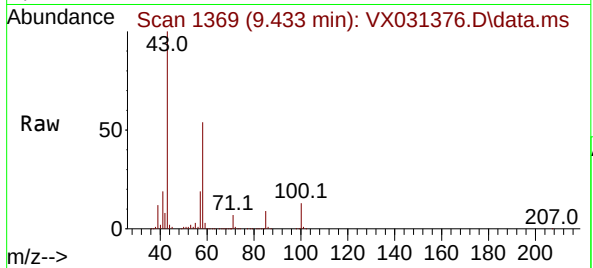
#59
2-Hexanone
Concen: 233.307 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 33313
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.0

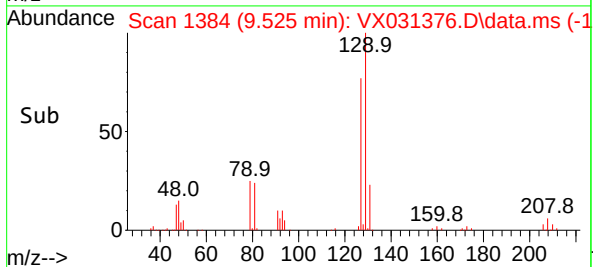
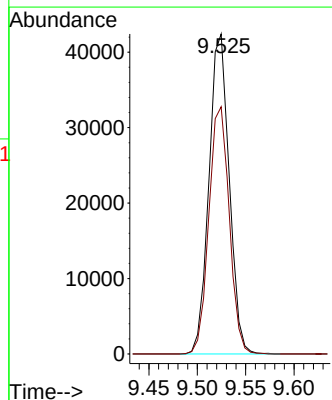
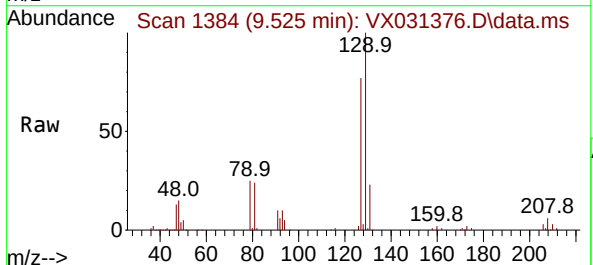
Manual Integrations
APPROVED

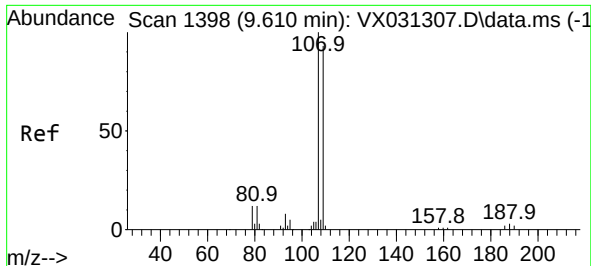
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#60
Dibromochloromethane
Concen: 52.073 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

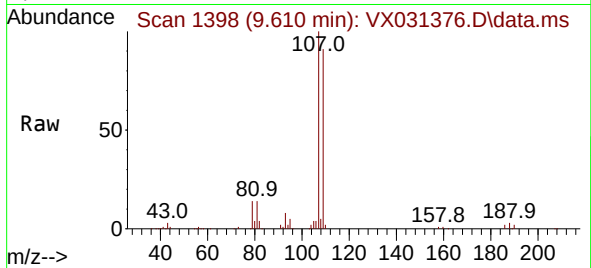
Tgt Ion:129 Resp: 61769
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 53.557 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

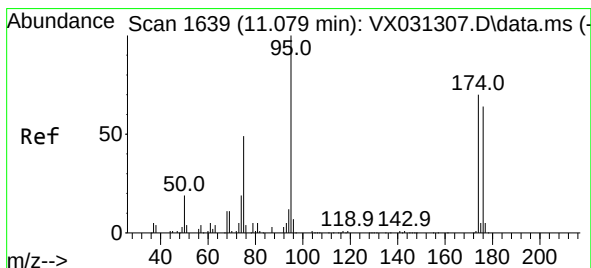
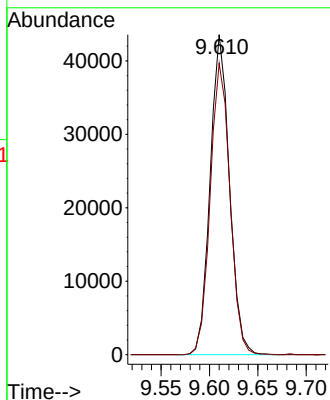
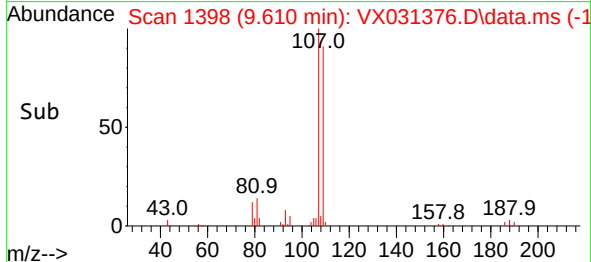
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



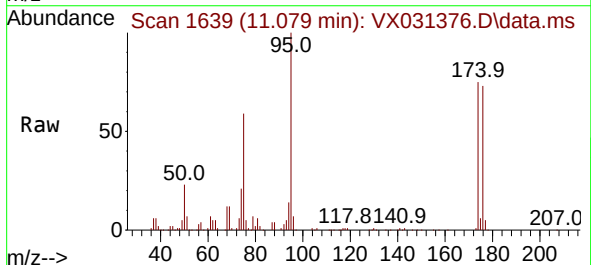
Tgt Ion:107 Resp: 6046
Ion Ratio Lower Upper
107 100
109 93.2 74.2 111.4

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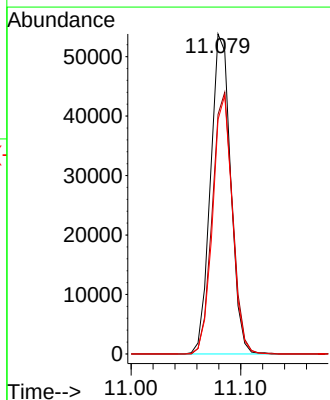
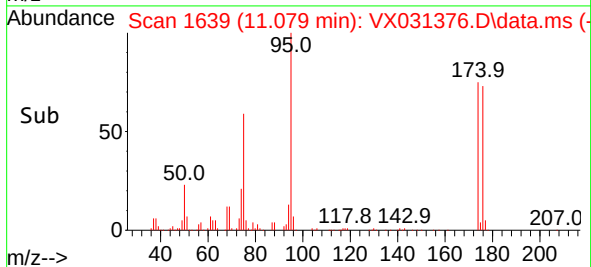
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

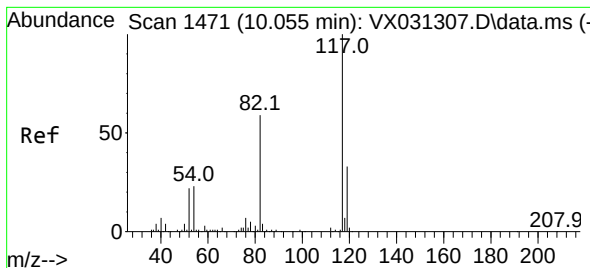


#62
4-Bromofluorobenzene
Concen: 49.900 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



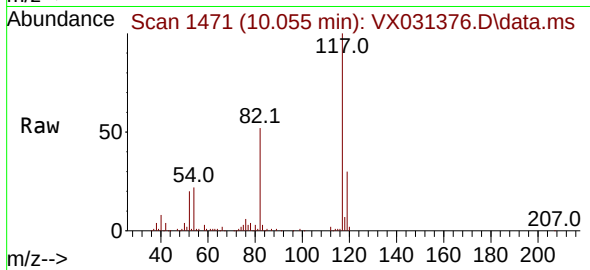
Tgt Ion: 95 Resp: 68715
Ion Ratio Lower Upper
95 100
174 82.2 0.0 153.2
176 78.8 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

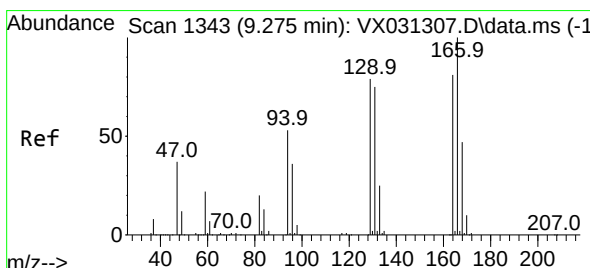
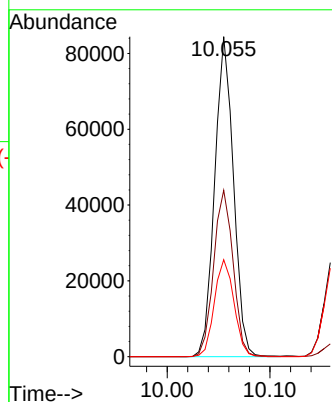
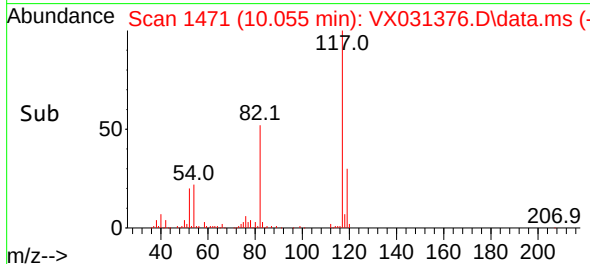
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 10698
Ion Ratio Lower Upper
117 100
82 52.0 46.8 70.2
119 30.3 26.4 39.6

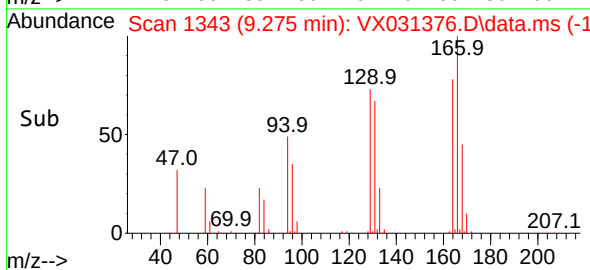
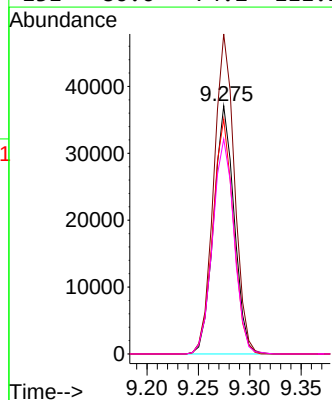
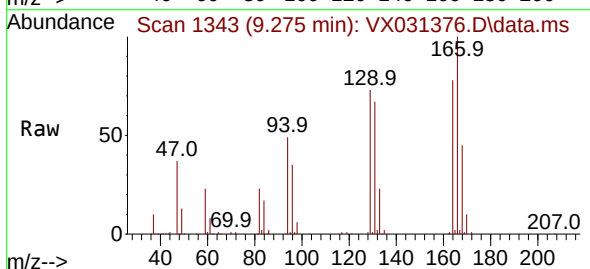
Manual Integrations
APPROVED

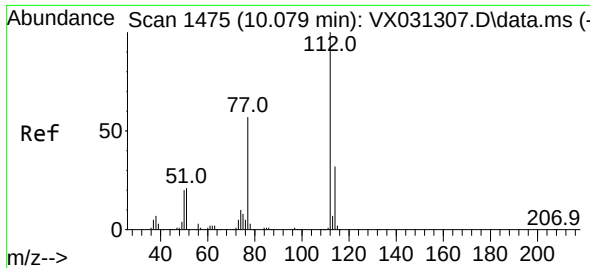
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#64
Tetrachloroethene
Concen: 52.309 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

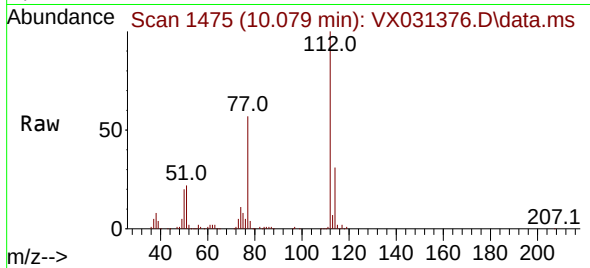
Tgt Ion:164 Resp: 51168
Ion Ratio Lower Upper
164 100
166 128.9 99.0 148.4
129 94.6 78.0 117.0
131 86.6 74.2 111.2





#65
Chlorobenzene
Concen: 52.033 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

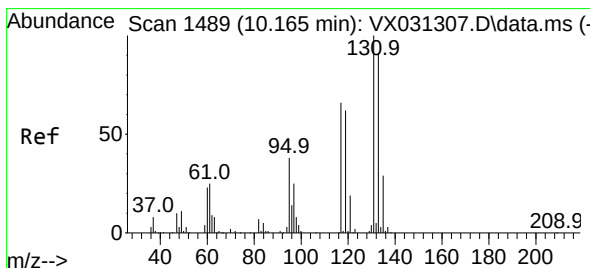
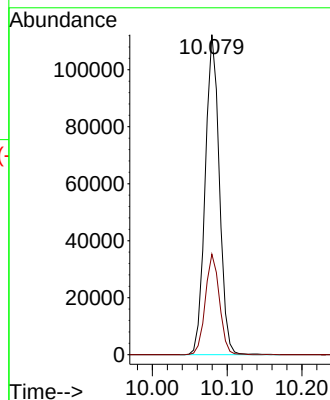
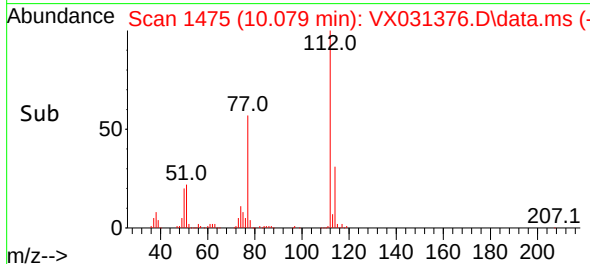
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 147439
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

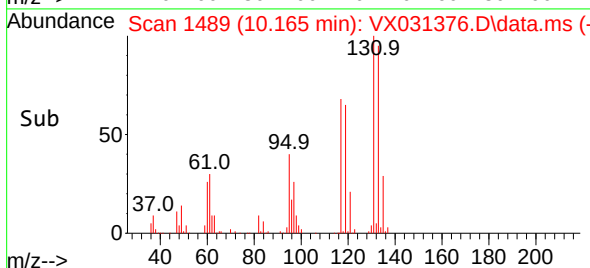
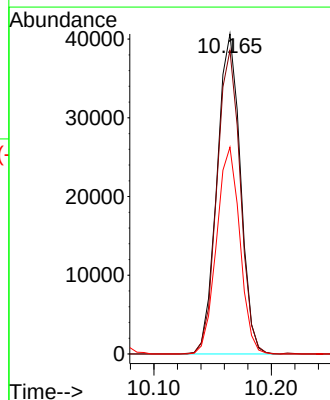
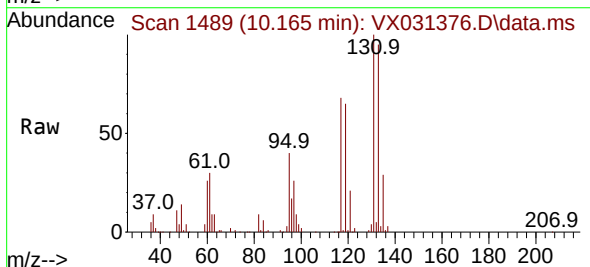
Manual Integrations
APPROVED

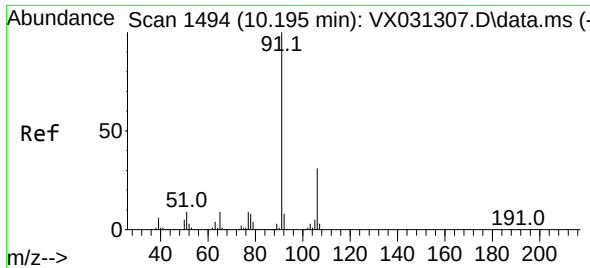
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.394 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

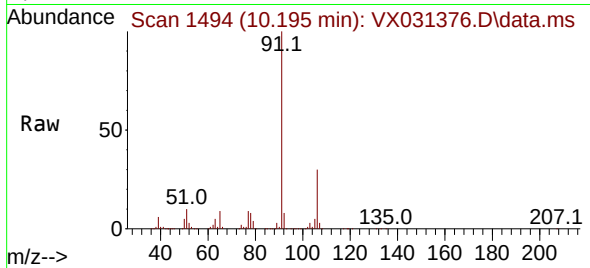
Tgt Ion:131 Resp: 56260
Ion Ratio Lower Upper
131 100
133 94.8 46.6 139.7
119 64.3 31.9 95.9





#67
Ethyl Benzene
Concen: 51.093 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

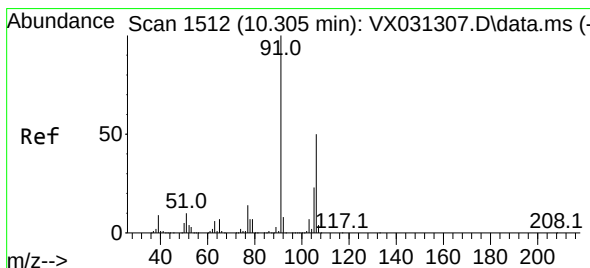
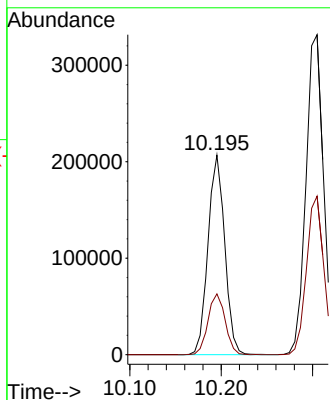
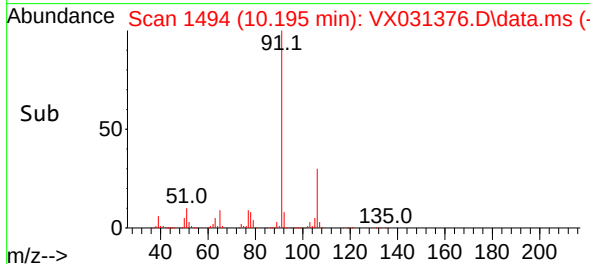
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



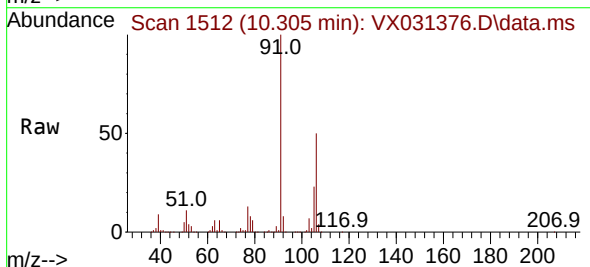
Tgt Ion: 91 Resp: 262224
Ion Ratio Lower Upper
91 100
106 30.5 25.2 37.8

Manual Integrations
APPROVED

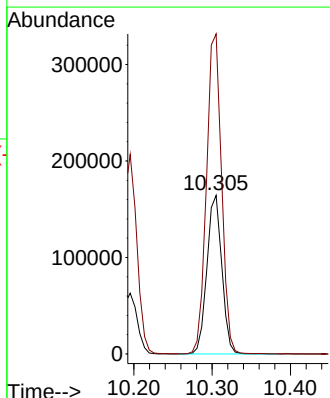
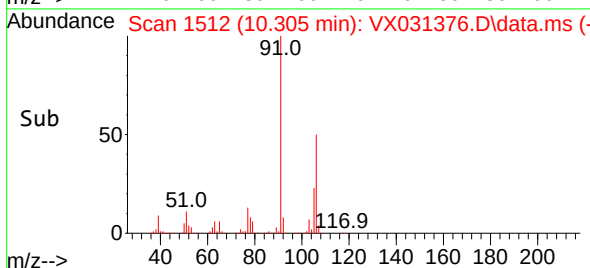
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

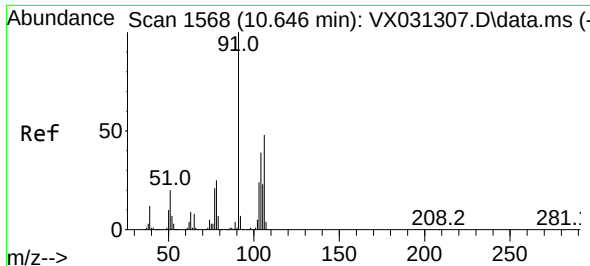


#68
m/p-Xylenes
Concen: 111.215 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



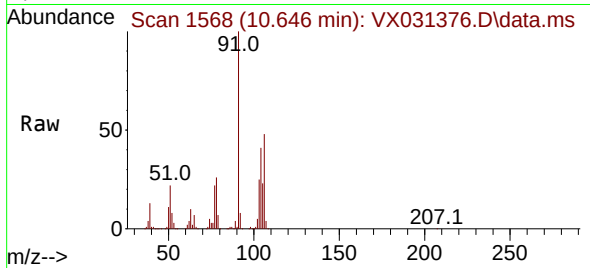
Tgt Ion:106 Resp: 216733
Ion Ratio Lower Upper
106 100
91 204.8 161.0 241.4





#69
o-Xylene
Concen: 52.885 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

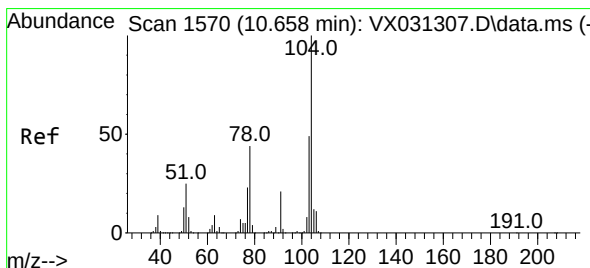
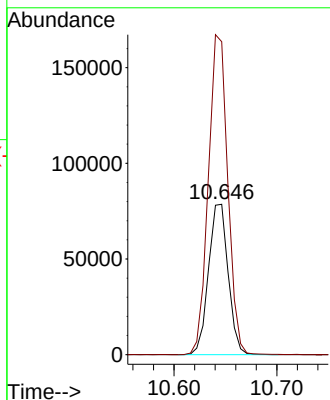
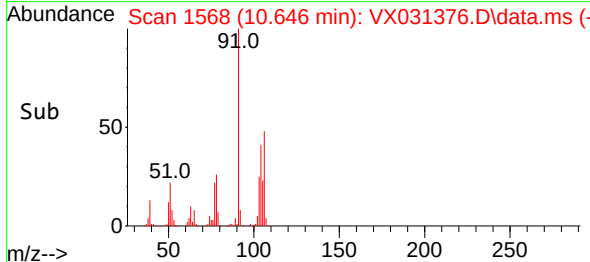
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



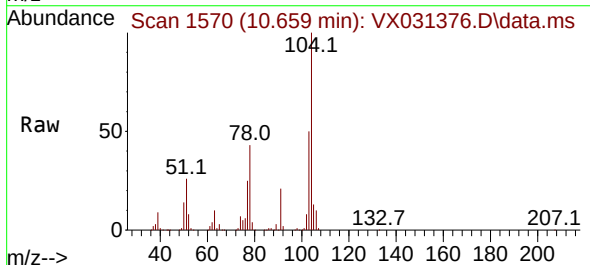
Tgt Ion:106 Resp: 104678
Ion Ratio Lower Upper
106 100
91 210.6 107.2 321.6

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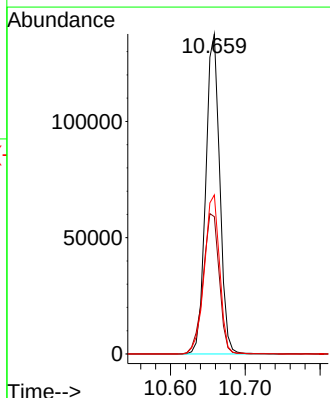
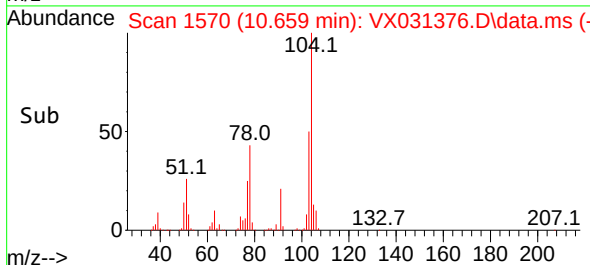
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

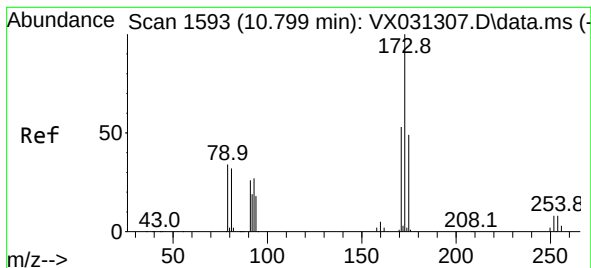


#70
Styrene
Concen: 55.604 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



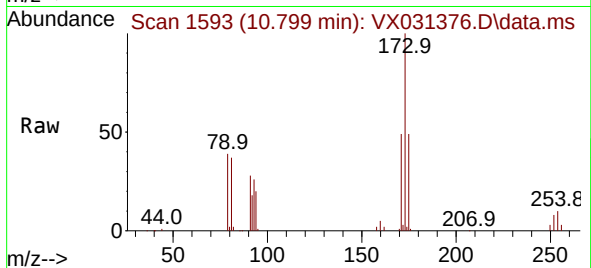
Tgt Ion:104 Resp: 178974
Ion Ratio Lower Upper
104 100
78 50.5 41.4 62.2
103 54.2 43.8 65.8





#71
Bromoform
Concen: 50.072 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

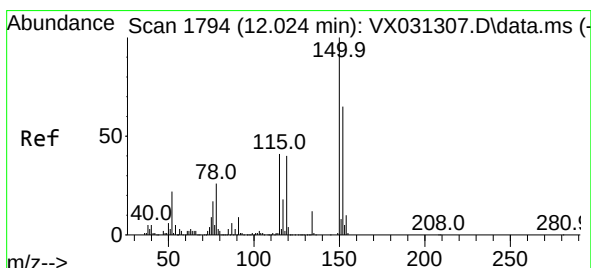
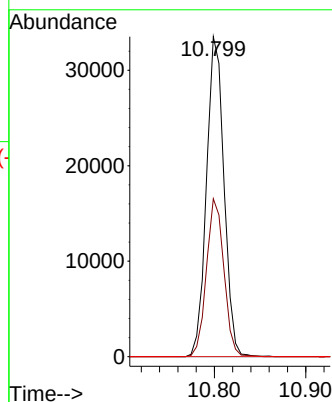
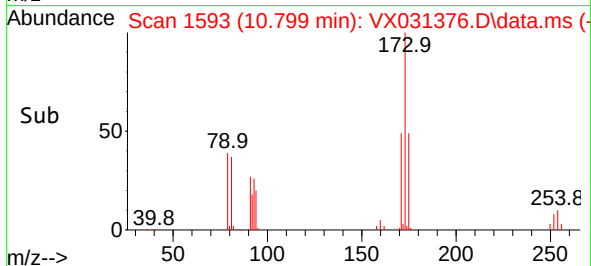
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



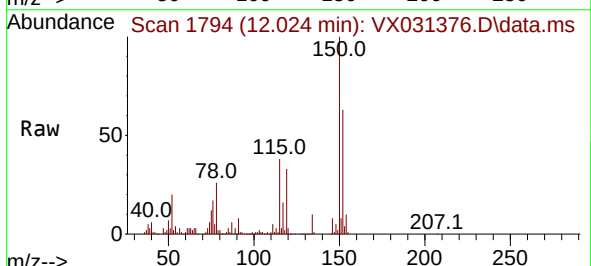
Tgt Ion:173 Resp: 44502
Ion Ratio Lower Upper
173 100
175 49.3 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

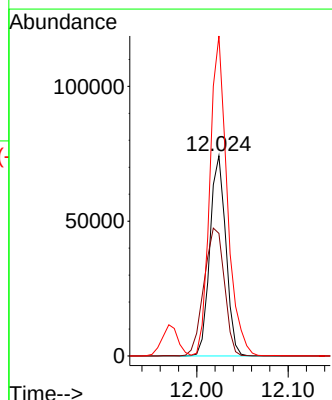
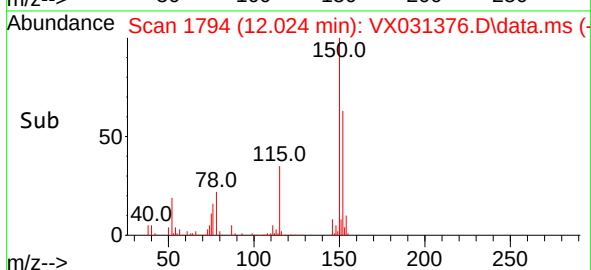
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

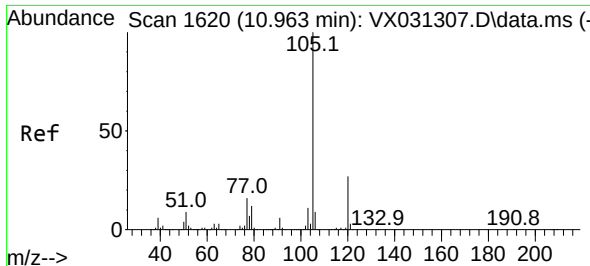


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



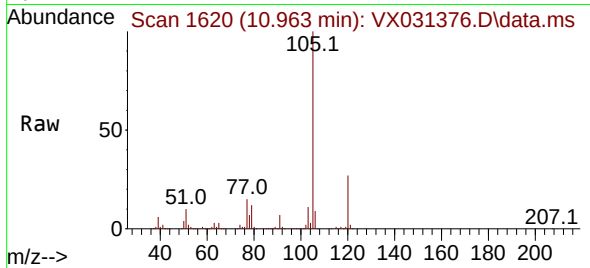
Tgt Ion:152 Resp: 89872
Ion Ratio Lower Upper
152 100
115 81.9 43.4 130.1
150 173.6 0.0 346.8





#73
Isopropylbenzene
Concen: 41.734 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

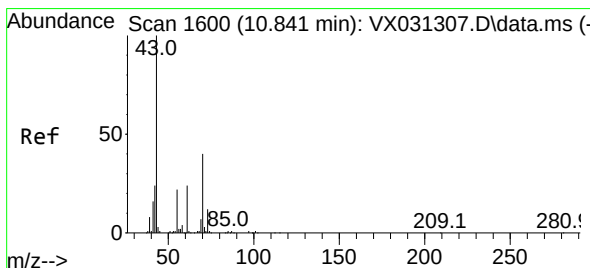
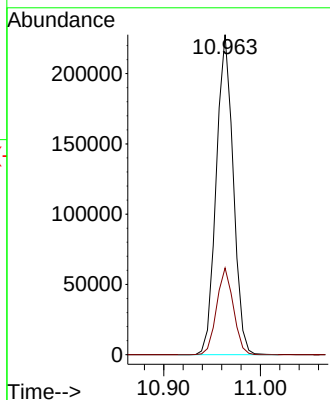
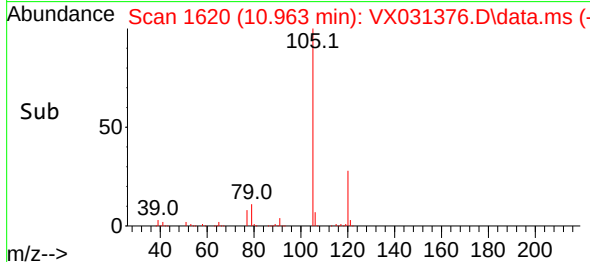
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



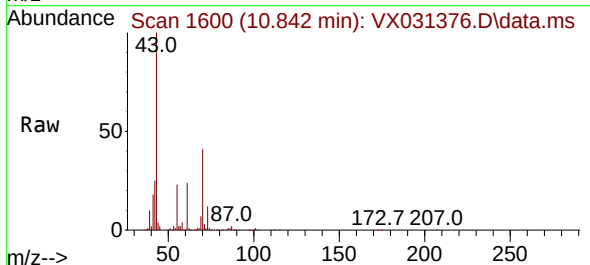
Tgt Ion:105 Resp: 277033
Ion Ratio Lower Upper
105 100
120 26.6 13.7 41.0

Manual Integrations
APPROVED

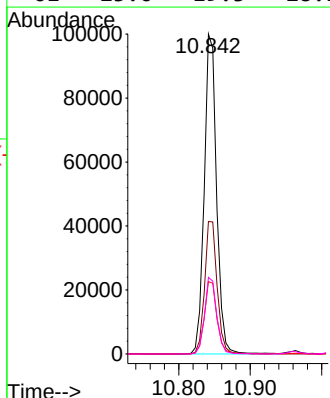
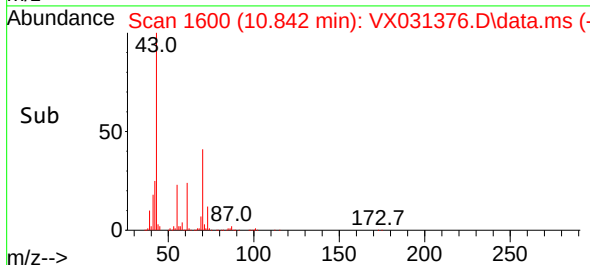
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

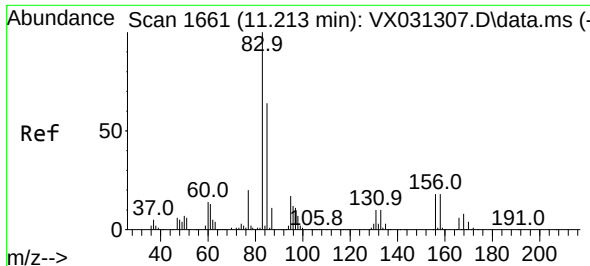


#74
N-ethyl acetate
Concen: 36.374 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



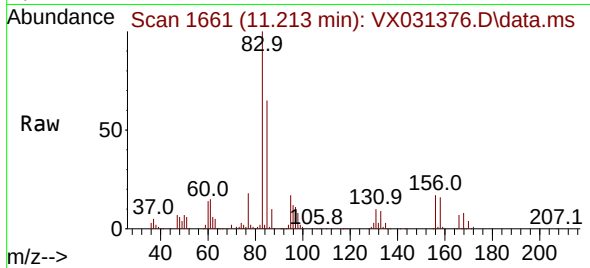
Tgt Ion: 43 Resp: 120033
Ion Ratio Lower Upper
43 100
70 42.0 33.4 50.2
55 23.0 18.2 27.2
61 23.6 19.3 28.9





#75
 1,1,2,2-Tetrachloroethane
 Concen: 39.005 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX031376.D
 Acq: 15 Sep 2022 23:59

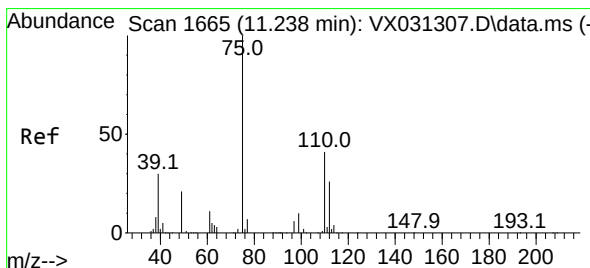
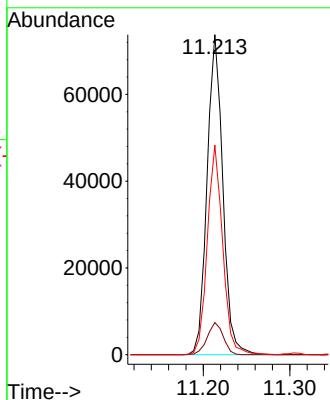
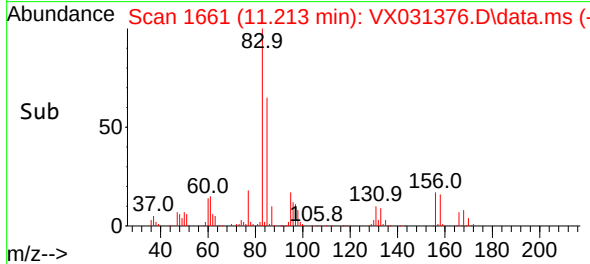
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



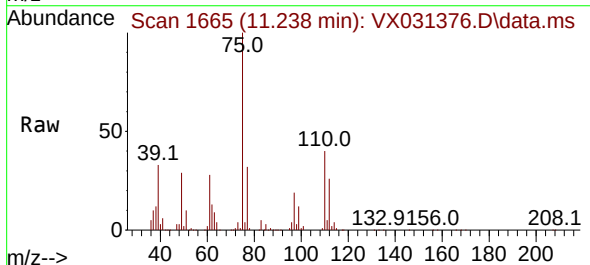
Tgt Ion: 83 Resp: 93049
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.4
 85 63.9 32.6 97.8

Manual Integrations
 APPROVED

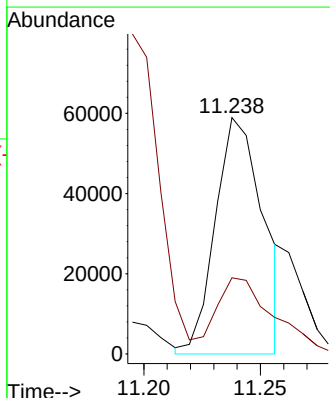
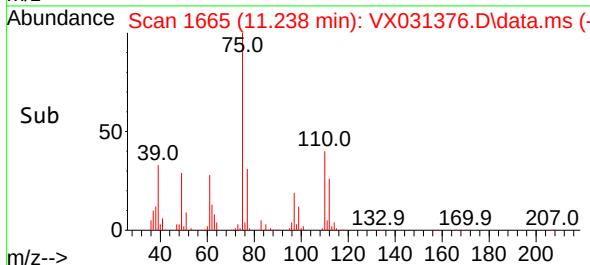
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

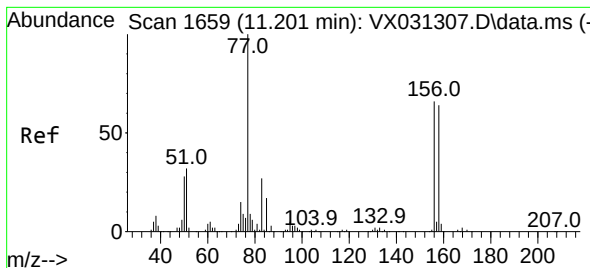


#76
 1,2,3-Trichloropropane
 Concen: 37.079 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX031376.D
 Acq: 15 Sep 2022 23:59



Tgt Ion: 75 Resp: 83975
 Ion Ratio Lower Upper
 75 100
 77 39.3 20.3 60.9





#77

Bromobenzene

Concen: 43.366 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

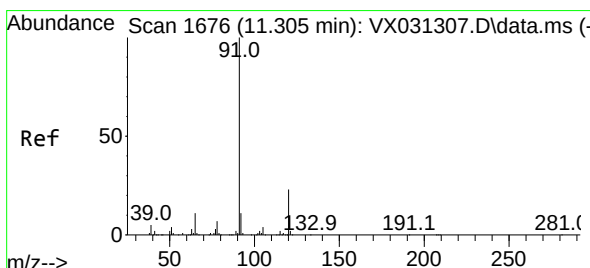
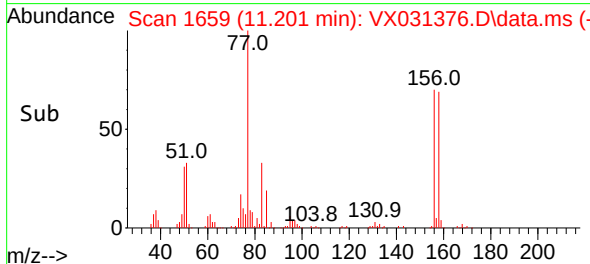
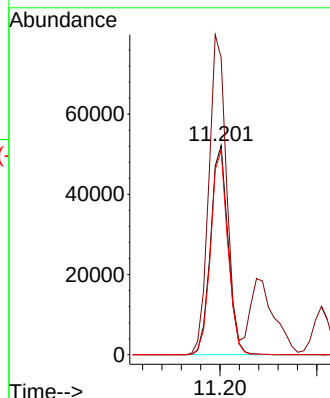
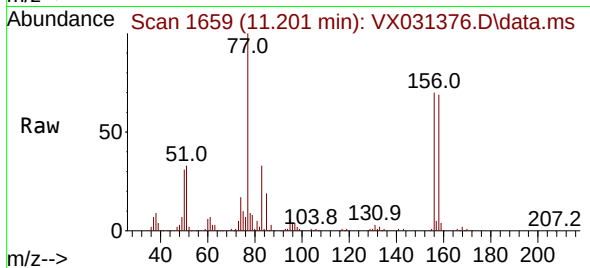
Tgt Ion:	156	Resp:	6563
Ion Ratio	Lower	Upper	
156	100		
77	154.3	79.5	238.6
158	96.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#78

n-propylbenzene

Concen: 41.796 ug/l

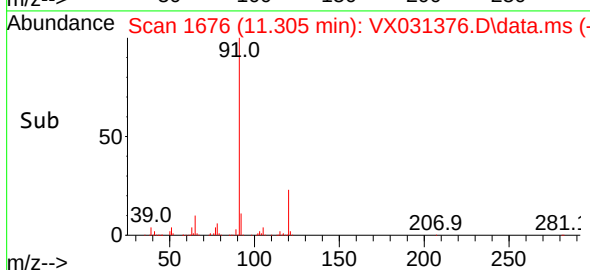
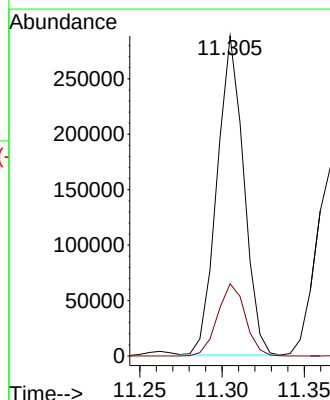
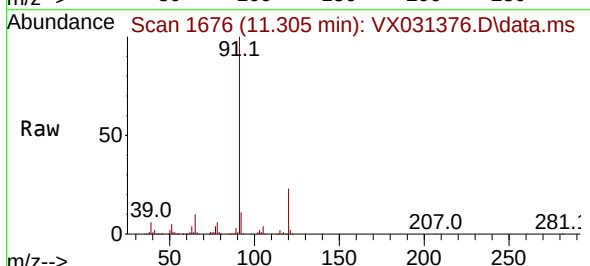
RT: 11.305 min Scan# 1676

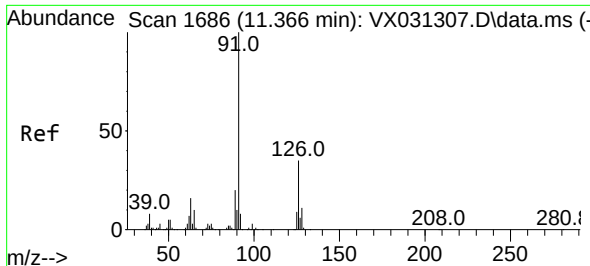
Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

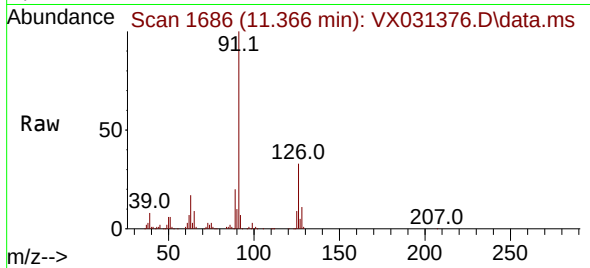
Tgt Ion:	91	Resp:	325602
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.4





#79
2-Chlorotoluene
Concen: 41.477 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

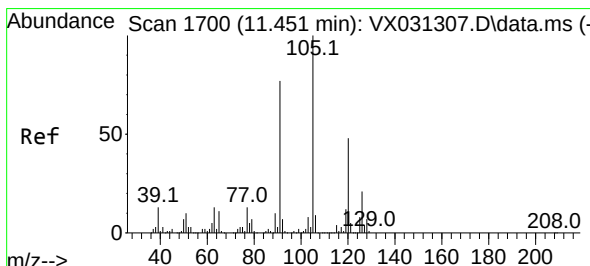
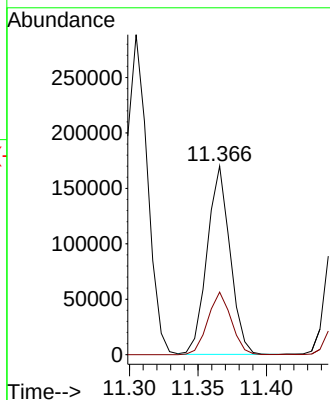
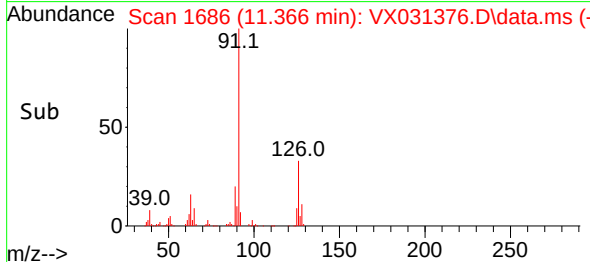
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



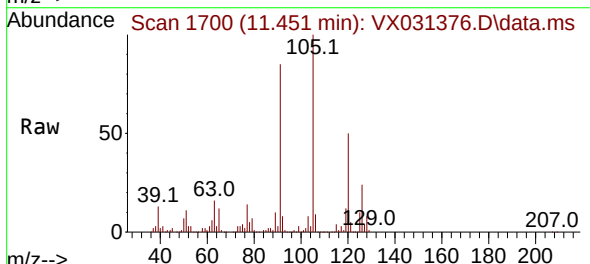
Tgt Ion: 91 Resp: 197700
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.3

Manual Integrations
APPROVED

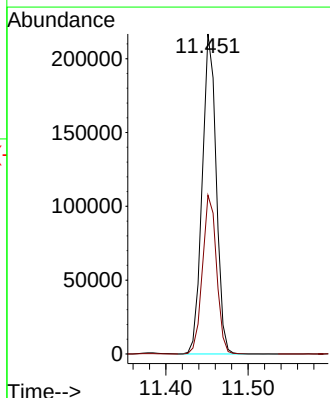
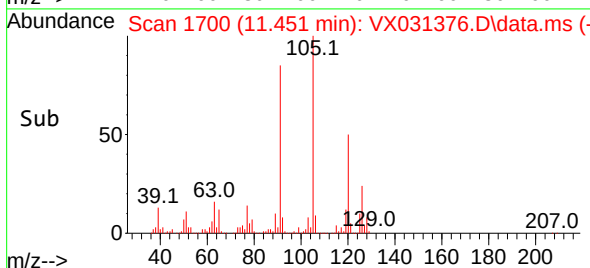
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

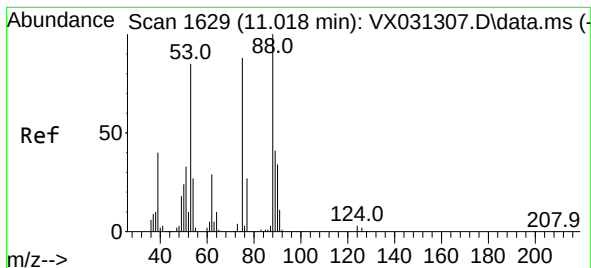


#80
1,3,5-Trimethylbenzene
Concen: 46.086 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



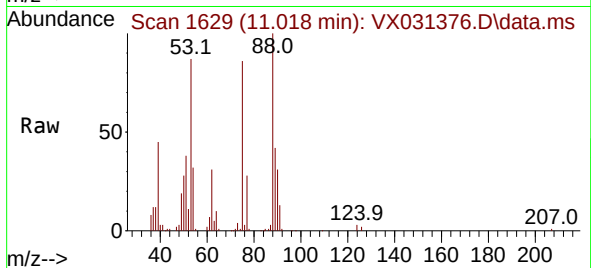
Tgt Ion:105 Resp: 256306
Ion Ratio Lower Upper
105 100
120 49.8 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 32.252 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

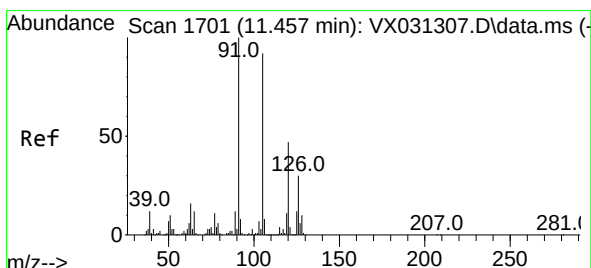
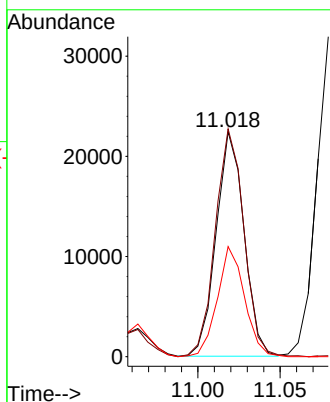
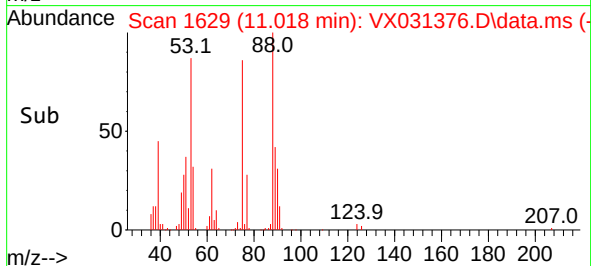
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 26398
Ion Ratio Lower Upper
75 100
53 104.1 77.6 116.4
89 47.9 37.4 56.0

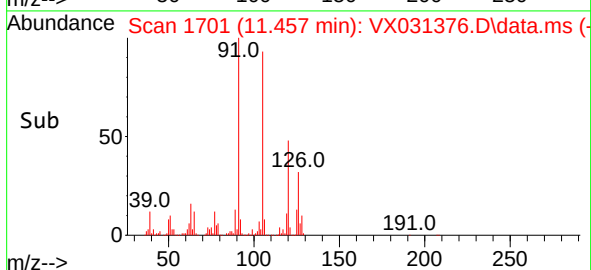
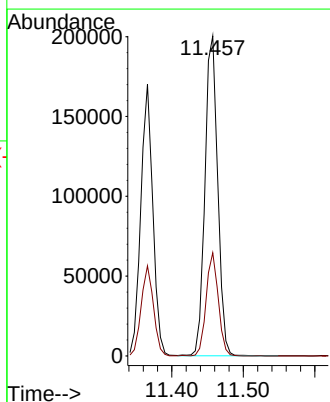
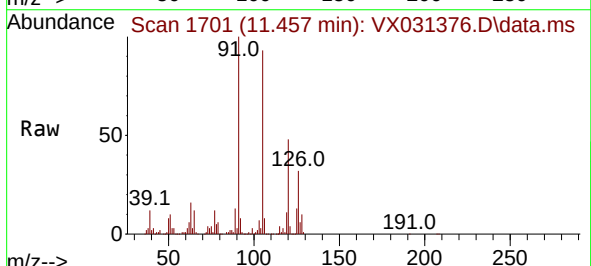
Manual Integrations
APPROVED

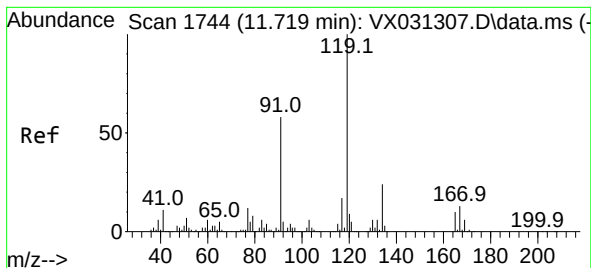
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#82
4-Chlorotoluene
Concen: 45.519 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

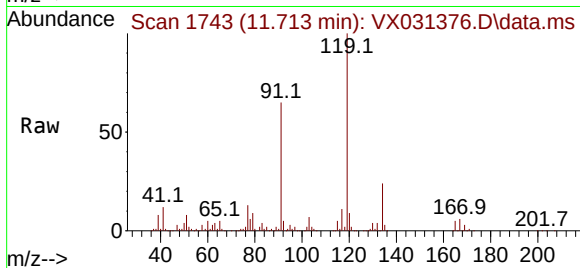
Tgt Ion: 91 Resp: 248696
Ion Ratio Lower Upper
91 100
126 30.7 15.1 45.3





#83
tert-Butylbenzene
Concen: 44.451 ug/l
RT: 11.713 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

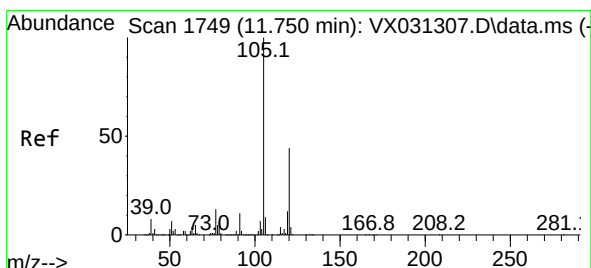
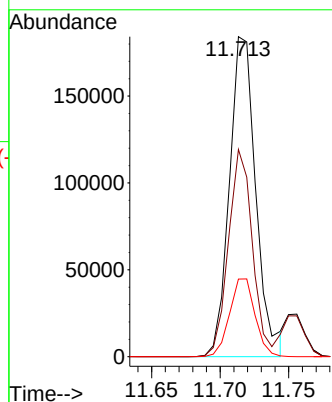
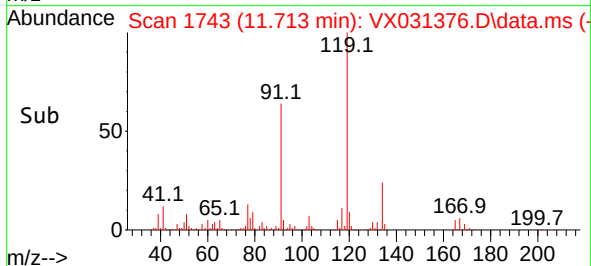
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



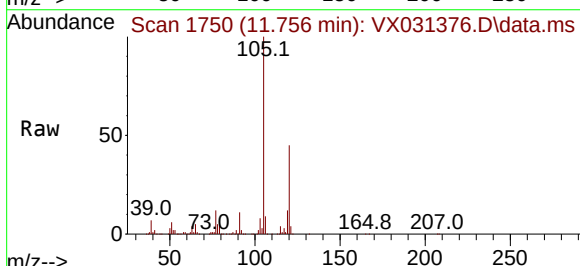
Tgt Ion:119 Resp: 247333
Ion Ratio Lower Upper
119 100
91 58.8 29.2 87.6
134 23.6 11.6 34.8

Manual Integrations
APPROVED

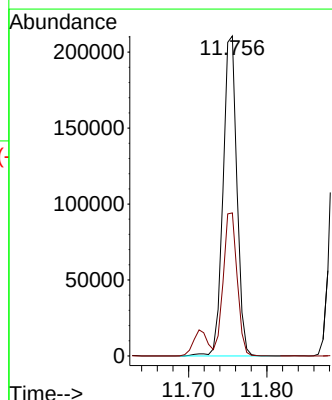
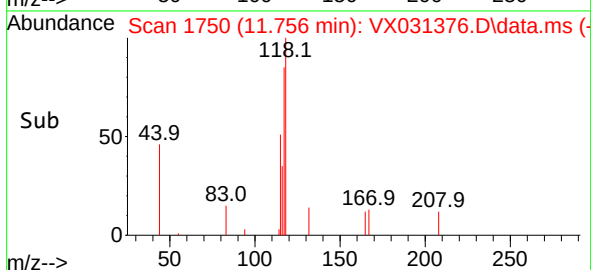
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

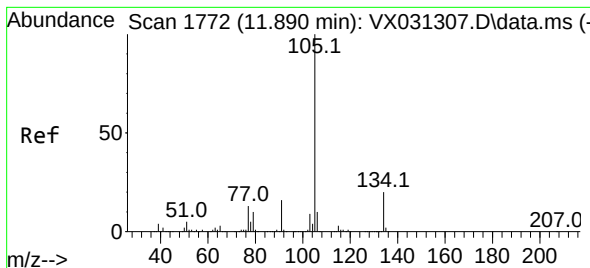


#84
1,2,4-Trimethylbenzene
Concen: 46.907 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



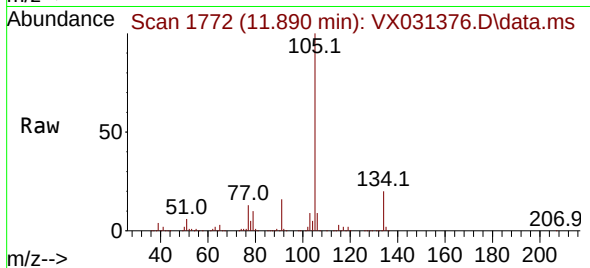
Tgt Ion:105 Resp: 259280
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 44.950 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031376.D
 Acq: 15 Sep 2022 23:59

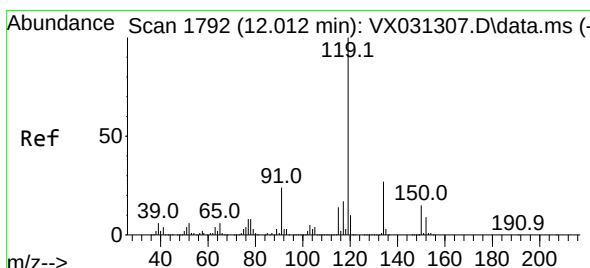
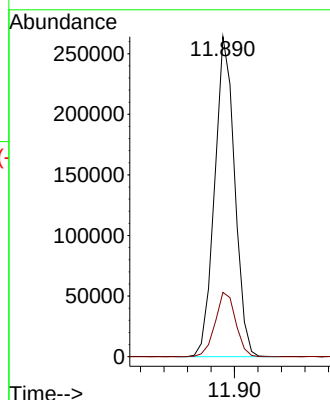
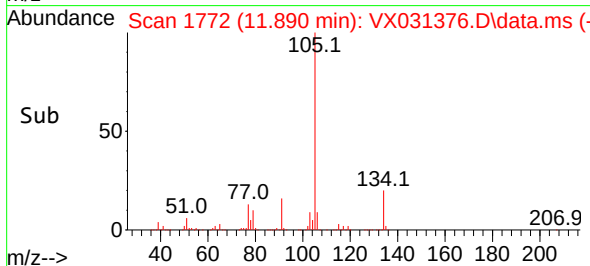
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



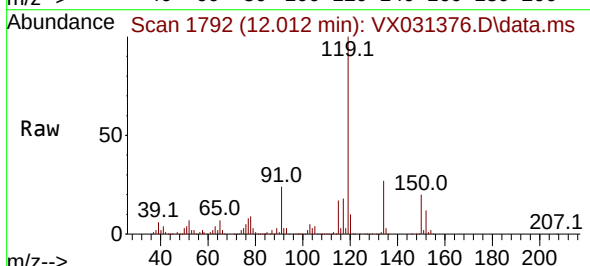
Tgt Ion:105 Resp: 313184
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

Manual Integrations
 APPROVED

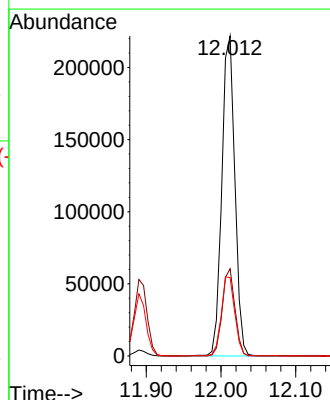
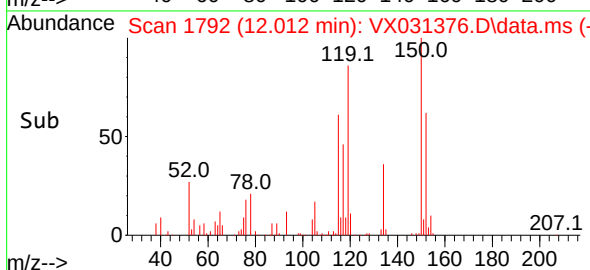
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

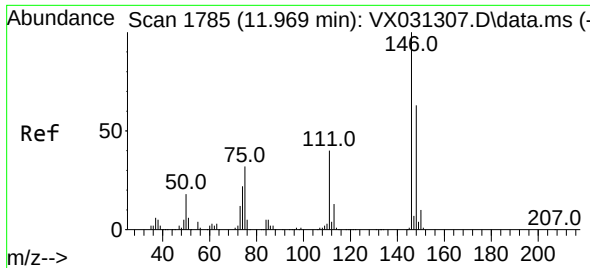


#86
 p-Isopropyltoluene
 Concen: 47.425 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031376.D
 Acq: 15 Sep 2022 23:59



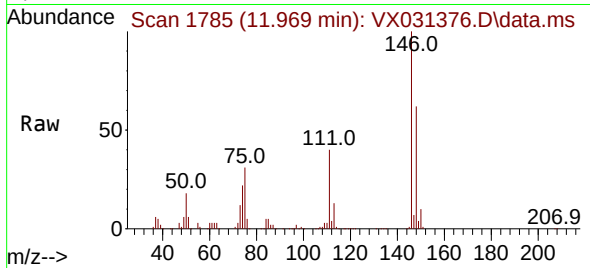
Tgt Ion:119 Resp: 269260
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 25.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.351 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

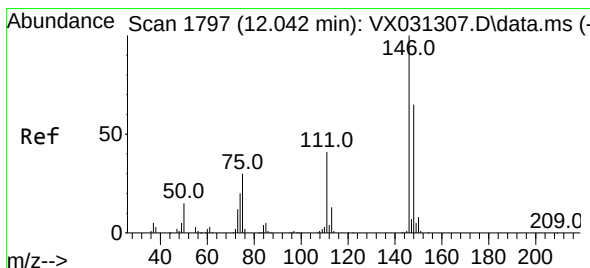
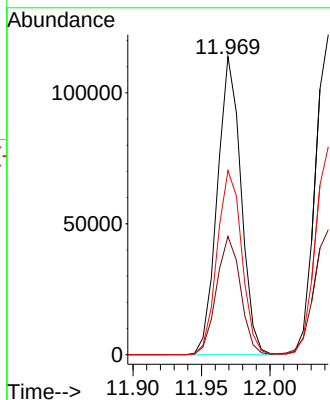
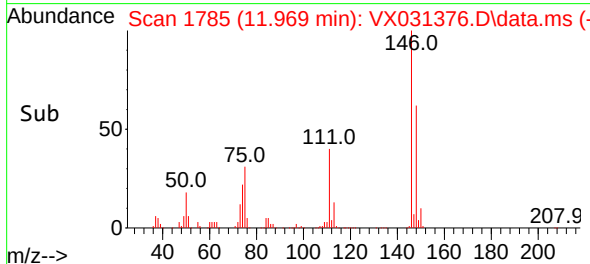
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



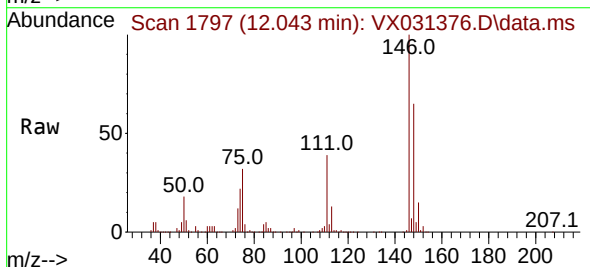
Tgt Ion:146 Resp: 136638
Ion Ratio Lower Upper
146 100
111 40.4 19.8 59.4
148 64.1 31.5 94.5

Manual Integrations
APPROVED

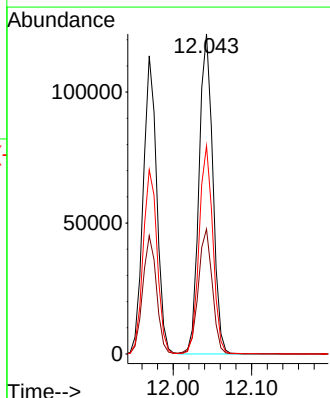
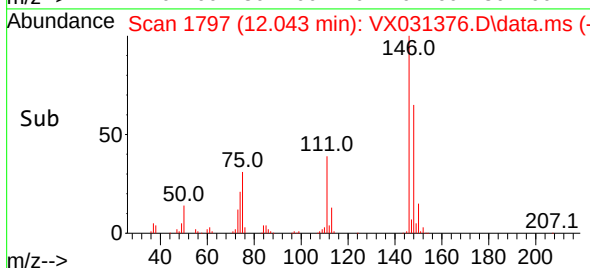
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

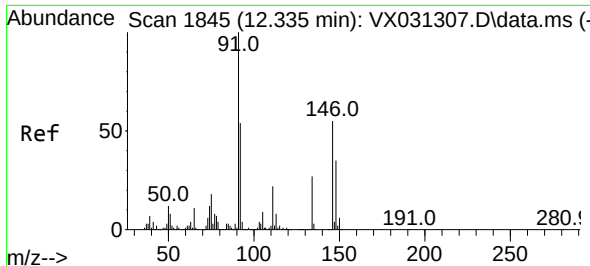


#88
1,4-Dichlorobenzene
Concen: 50.351 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



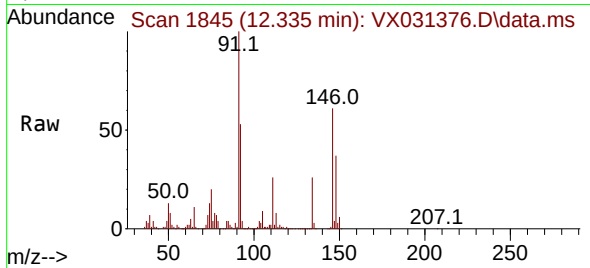
Tgt Ion:146 Resp: 149330
Ion Ratio Lower Upper
146 100
111 39.8 20.5 61.5
148 64.7 32.0 96.2





#89
n-Butylbenzene
Concen: 45.567 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

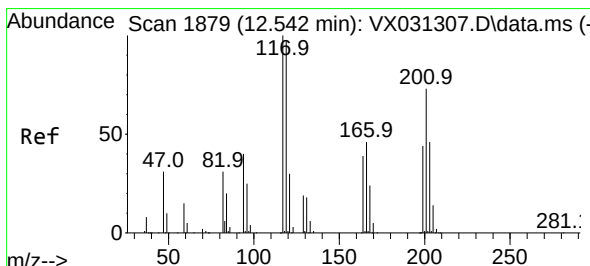
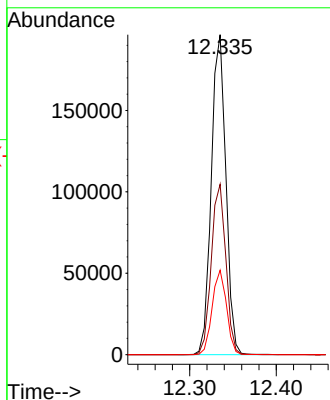
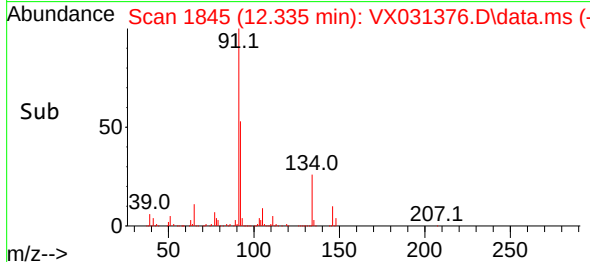
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



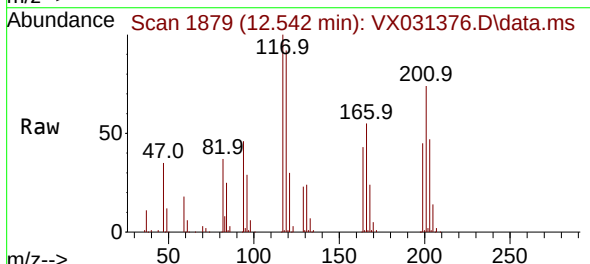
Tgt Ion: 91 Resp: 22941
Ion Ratio Lower Upper
91 100
92 53.4 27.0 81.0
134 26.1 13.3 39.9

Manual Integrations
APPROVED

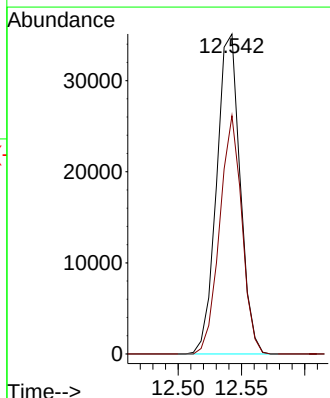
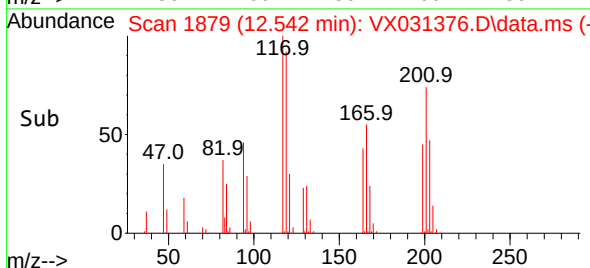
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

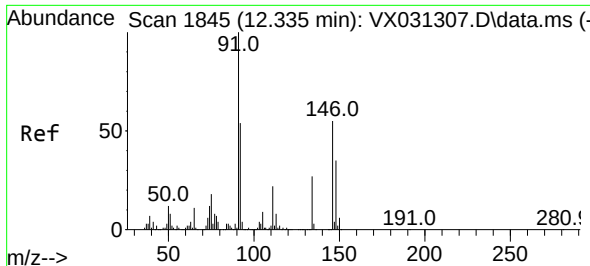


#90
Hexachloroethane
Concen: 39.944 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



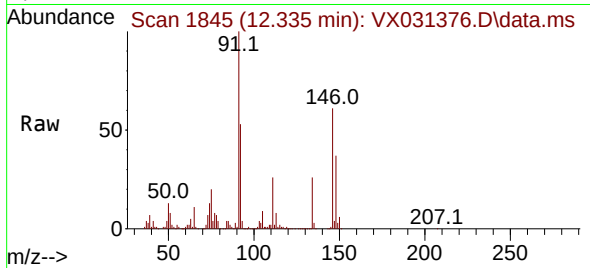
Tgt Ion:117 Resp: 45290
Ion Ratio Lower Upper
117 100
201 70.2 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 48.236 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

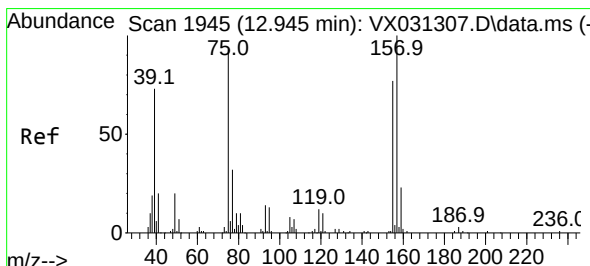
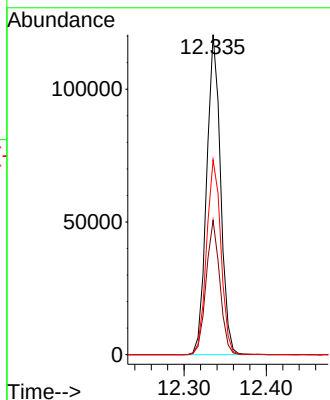
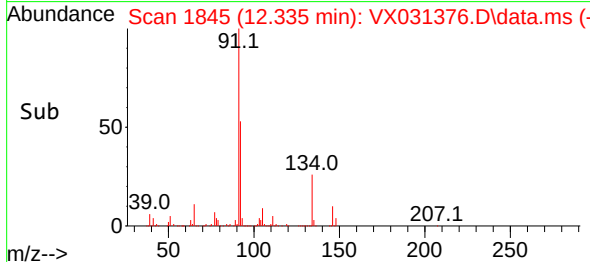
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



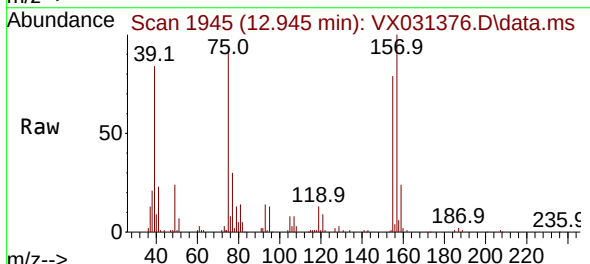
Tgt Ion:146 Resp: 141712
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.8
148 62.8 31.6 95.0

Manual Integrations
APPROVED

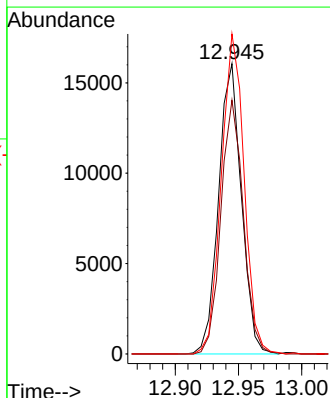
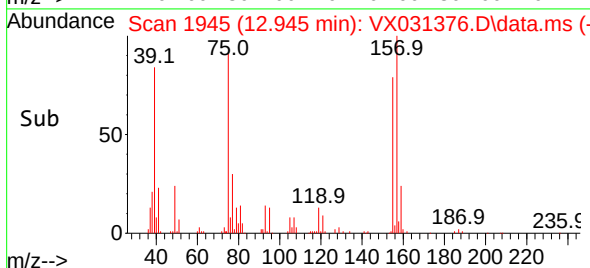
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

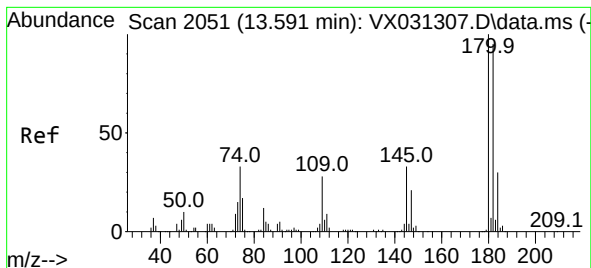


#92
1,2-Dibromo-3-Chloropropane
Concen: 36.144 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



Tgt Ion: 75 Resp: 20068
Ion Ratio Lower Upper
75 100
155 86.0 40.3 120.8
157 110.5 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 45.971 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

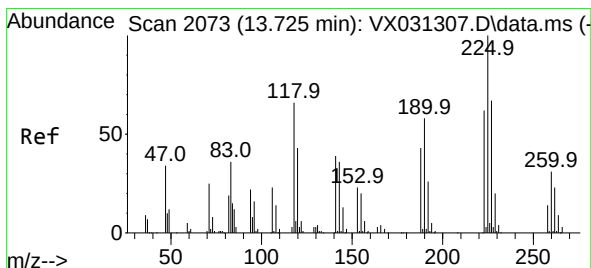
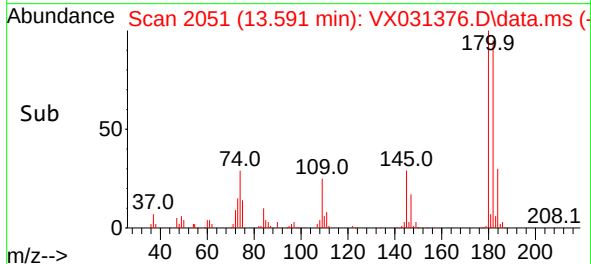
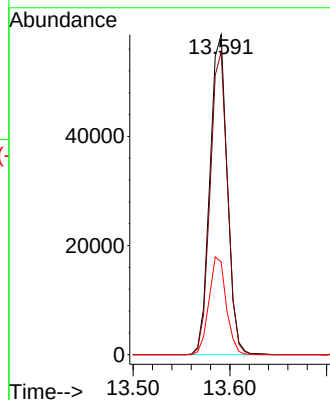
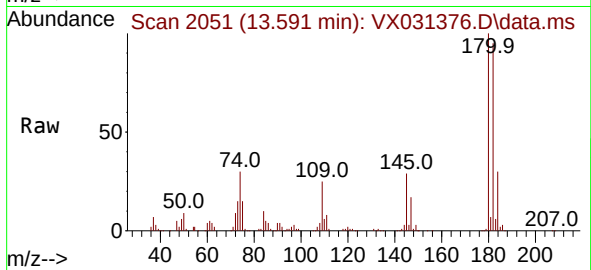
Tgt Ion:180	Resp:	7313
Ion Ratio	Lower	Upper
180	100	
182	94.4	46.9 140.6
145	30.3	16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#94

Hexachlorobutadiene

Concen: 41.490 ug/l

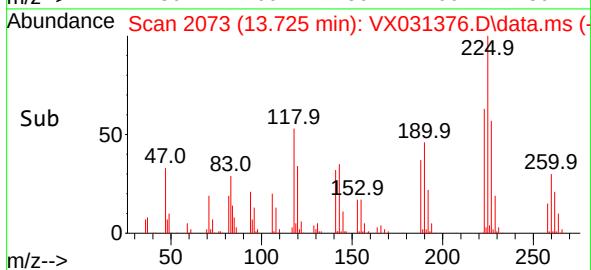
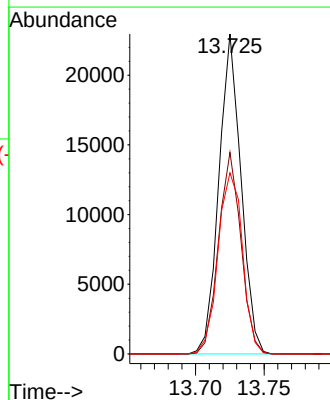
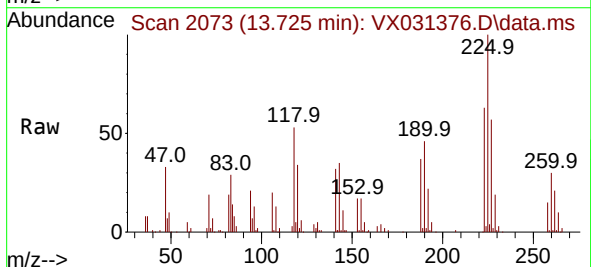
RT: 13.725 min Scan# 2073

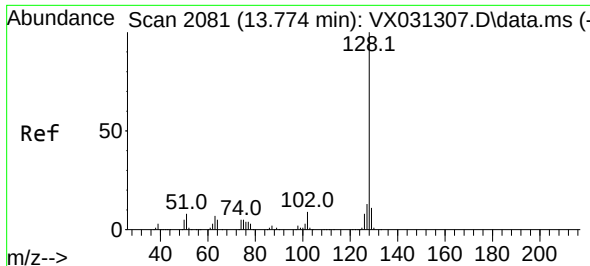
Delta R.T. 0.000 min

Lab File: VX031376.D

Acq: 15 Sep 2022 23:59

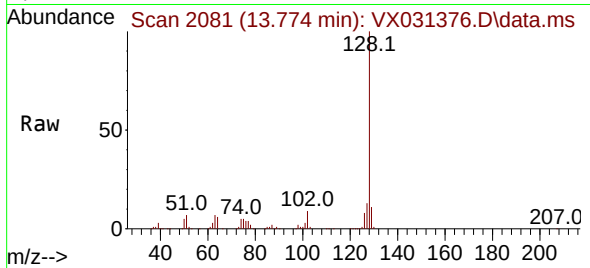
Tgt Ion:225	Resp:	25765
Ion Ratio	Lower	Upper
225	100	
223	63.9	30.8 92.4
227	62.5	32.3 96.9





#95
Naphthalene
Concen: 42.186 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59

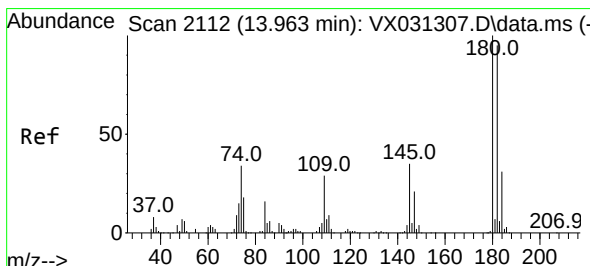
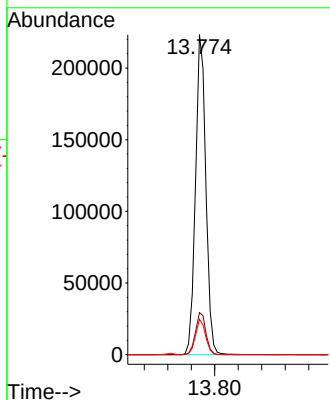
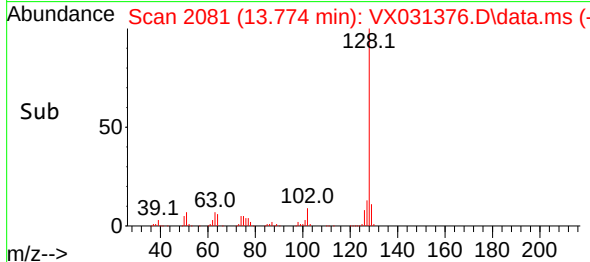
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



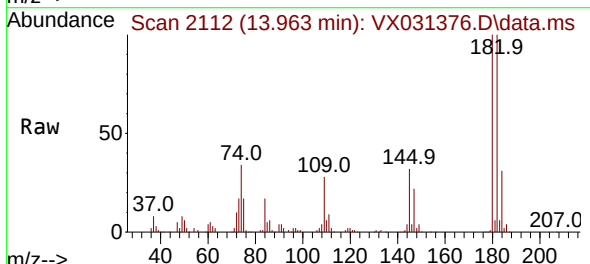
Tgt Ion:128 Resp: 272659
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.7 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 43.409 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031376.D
Acq: 15 Sep 2022 23:59



Tgt Ion:180 Resp: 73952
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.8
145 32.0 17.6 52.8

