

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035852.D
 Acq On : 25 May 2023 13:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/26/2023
 Supervised By : Mahesh Dadoda 05/26/2023

Quant Time: May 26 07:23:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	174476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	303942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	140029	46.005	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.000%		
35) Dibromofluoromethane	5.379	113	107088	52.244	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.480%		
50) Toluene-d8	8.647	98	378894	50.036	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.080%		
62) 4-Bromofluorobenzene	11.079	95	154452	50.657	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97961	43.081	ug/l	97
3) Chloromethane	1.294	50	113673	41.194	ug/l	99
4) Vinyl Chloride	1.374	62	108024	46.128	ug/l	98
5) Bromomethane	1.617	94	68397	53.927	ug/l	99
6) Chloroethane	1.691	64	76865	54.104	ug/l	98
7) Trichlorofluoromethane	1.886	101	162509	47.195	ug/l	99
8) Diethyl Ether	2.130	74	70604	53.254	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	95621	46.772	ug/l	97
10) Methyl Iodide	2.453	142	113050	61.828	ug/l	97
11) Tert butyl alcohol	3.014	59	133563m	248.717	ug/l	
12) 1,1-Dichloroethene	2.319	96	92240	47.473	ug/l	96
13) Acrolein	2.239	56	159152	249.704	ug/l	99
14) Allyl chloride	2.666	41	192663	46.284	ug/l	97
15) Acrylonitrile	3.068	53	338306	286.093	ug/l	99
16) Acetone	2.392	43	315148	240.899	ug/l	98
17) Carbon Disulfide	2.514	76	197461	42.109	ug/l	99
18) Methyl Acetate	2.703	43	286832	59.451	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	387483	50.115	ug/l	100
20) Methylene Chloride	2.788	84	123635	52.146	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	104232	48.956	ug/l	98
22) Diisopropyl ether	3.757	45	419110	51.424	ug/l	94
23) Vinyl Acetate	3.721	43	1489838	258.349	ug/l	99
24) 1,1-Dichloroethane	3.605	63	213047	48.877	ug/l	99
25) 2-Butanone	4.562	43	500573	276.410	ug/l	100
26) 2,2-Dichloropropane	4.477	77	148353	40.191	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	130326	50.920	ug/l	100
28) Bromochloromethane	4.891	49	96720	49.332	ug/l	97
29) Tetrahydrofuran	5.007	42	322161	283.029	ug/l	99
30) Chloroform	5.092	83	221976	49.697	ug/l	98
31) Cyclohexane	5.464	56	169207	44.000	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	174842	44.990	ug/l	99
36) 1,1-Dichloropropene	5.690	75	151911	46.951	ug/l	99
37) Ethyl Acetate	4.715	43	187761	55.638	ug/l	99
38) Carbon Tetrachloride	5.672	117	140100	45.710	ug/l	99
39) Methylcyclohexane	7.379	83	170404	44.742	ug/l	97
40) Benzene	6.037	78	464912	51.364	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	105219	52.512	ug/l	98
42) 1,2-Dichloroethane	6.080	62	189877	48.766	ug/l	99
43) Isopropyl Acetate	6.336	43	311187	52.880	ug/l	100
44) Trichloroethene	7.123	130	116512	50.766	ug/l	98
45) 1,2-Dichloropropane	7.427	63	128332	53.534	ug/l	100
46) Dibromomethane	7.580	93	88889	54.170	ug/l	98
47) Bromodichloromethane	7.818	83	162503	51.236	ug/l	99
48) Methyl methacrylate	7.690	41	153721	52.931	ug/l	98
49) 1,4-Dioxane	7.726	88	60288	1028.251	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	979416	288.892	ug/l	98
52) Toluene	8.714	92	292806	51.248	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	179854	52.195	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	197398	53.468	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	125455	55.905	ug/l	99
56) Ethyl methacrylate	9.116	69	196513	54.075	ug/l	96
57) 1,3-Dichloropropane	9.305	76	218779	53.779	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	468834	253.598	ug/l	100
59) 2-Hexanone	9.433	43	739928	289.806	ug/l	99
60) Dibromochloromethane	9.519	129	119748	55.980	ug/l	100
61) 1,2-Dibromoethane	9.610	107	131746	55.722	ug/l	99
64) Tetrachloroethene	9.275	164	96391	51.111	ug/l	98
65) Chlorobenzene	10.079	112	318133	52.026	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	113116	52.316	ug/l	99
67) Ethyl Benzene	10.189	91	565398	49.163	ug/l	98
68) m/p-Xylenes	10.299	106	425028	99.984	ug/l	99
69) o-Xylene	10.640	106	215416	51.068	ug/l	99
70) Styrene	10.652	104	359929	52.943	ug/l	99
71) Bromoform	10.799	173	80017	56.246	ug/l #	100
73) Isopropylbenzene	10.963	105	544811	46.197	ug/l	99
74) N-amyl acetate	10.841	43	271087	49.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	198403	51.862	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	165336m	48.297	ug/l	
77) Bromobenzene	11.195	156	135679	50.688	ug/l	99
78) n-propylbenzene	11.305	91	654738	47.229	ug/l	99
79) 2-Chlorotoluene	11.366	91	400310	46.122	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	464742	46.366	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	52297	49.235	ug/l	91
82) 4-Chlorotoluene	11.451	91	466028	46.623	ug/l	99
83) tert-Butylbenzene	11.713	119	453433	46.539	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	480892	47.782	ug/l	99
85) sec-Butylbenzene	11.890	105	572639	46.811	ug/l	99
86) p-Isopropyltoluene	12.006	119	482181	47.944	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	262599	51.643	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	263835	51.383	ug/l	100
89) n-Butylbenzene	12.329	91	434502	47.493	ug/l	98
90) Hexachloroethane	12.536	117	74449	48.840	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	253897	50.989	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39585	46.467	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	159744	53.280	ug/l	99
94) Hexachlorobutadiene	13.725	225	57861	48.621	ug/l	99
95) Naphthalene	13.774	128	545067	53.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	156486	53.069	ug/l	99

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

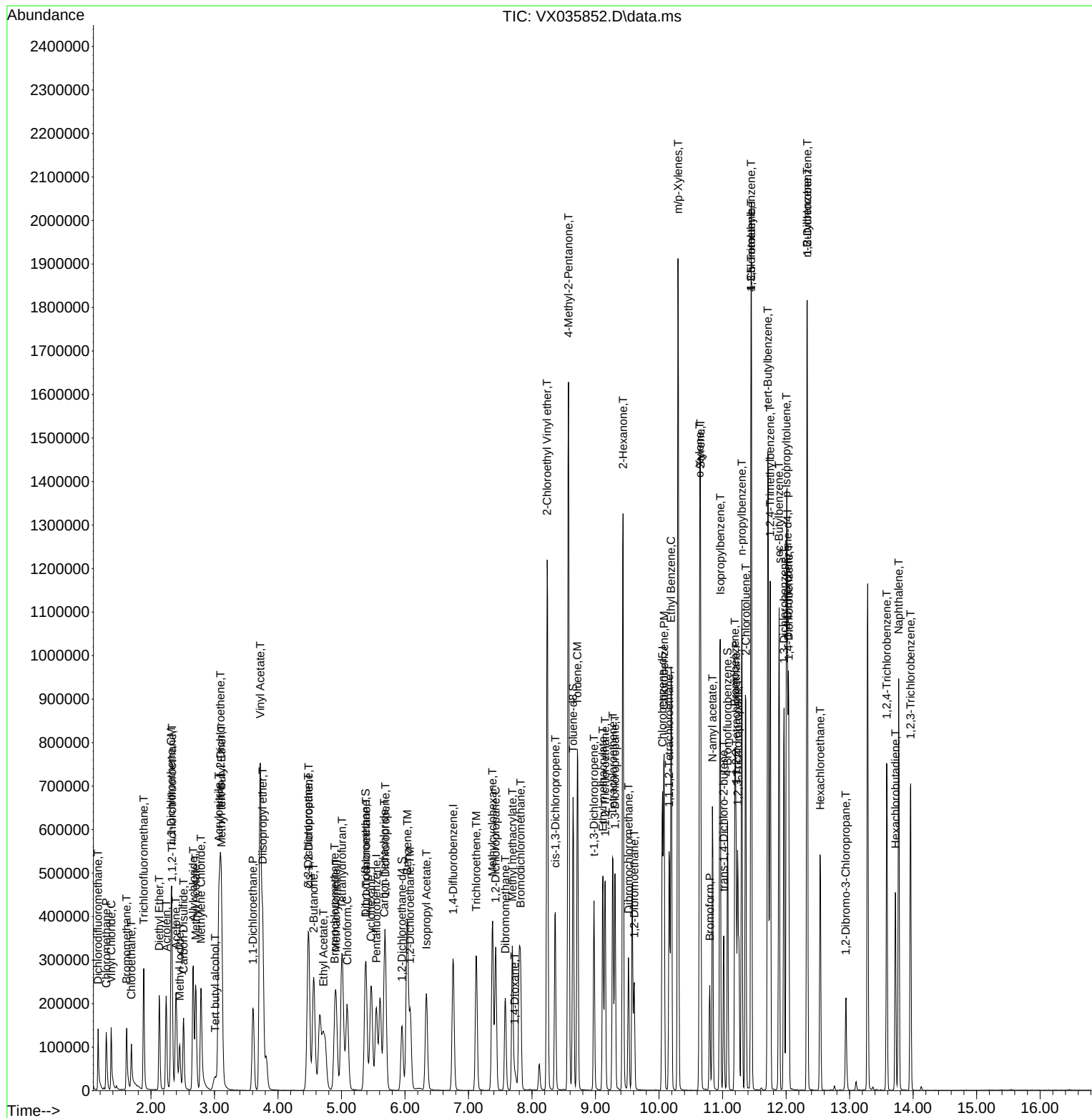
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
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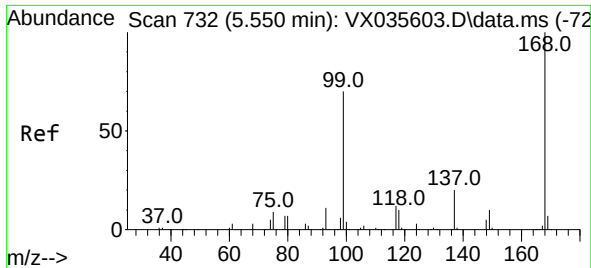
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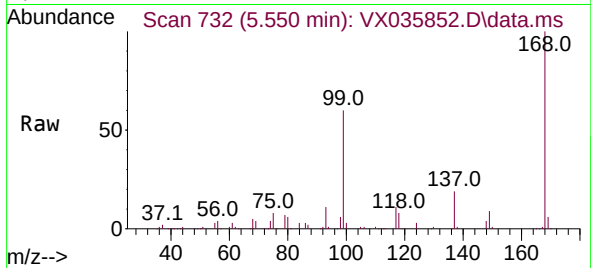
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035852.D
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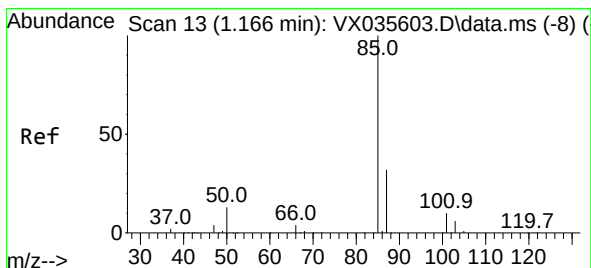
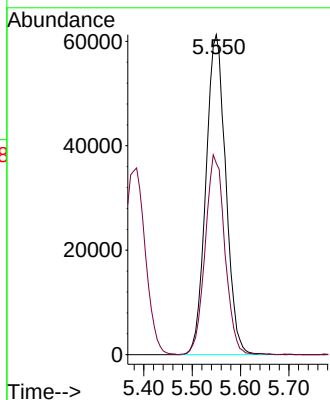
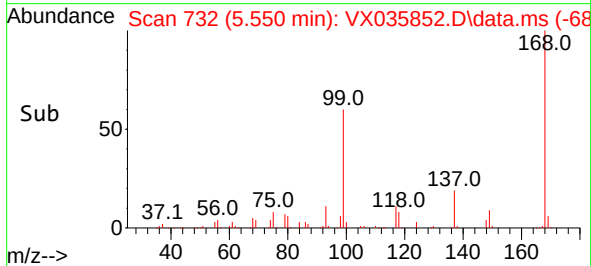
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 174470
Ion Ratio Lower Upper
168 100
99 59.9 45.7 68.5

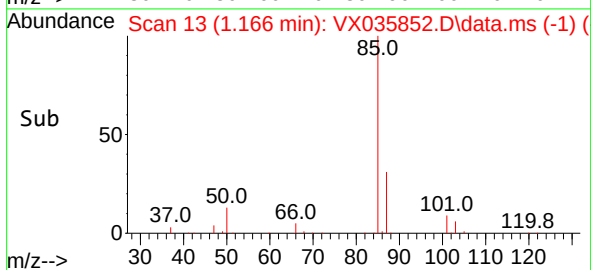
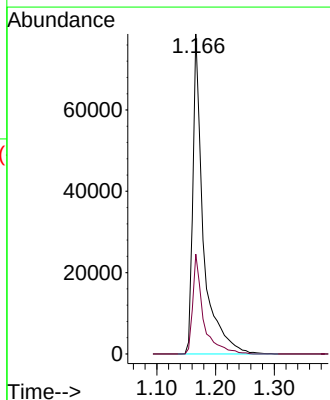
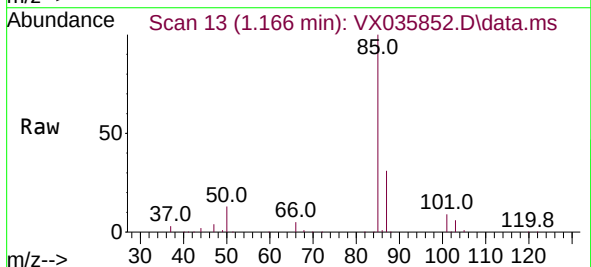
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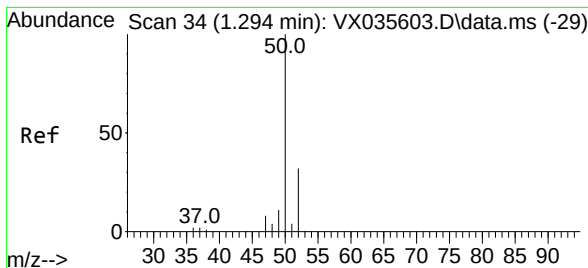
Reviewed By :John Carlone 05/26/2023
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#2
Dichlorodifluoromethane
Concen: 43.081 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion: 85 Resp: 97961
Ion Ratio Lower Upper
85 100
87 31.2 16.4 49.1





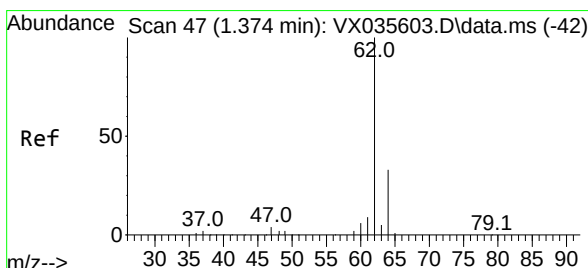
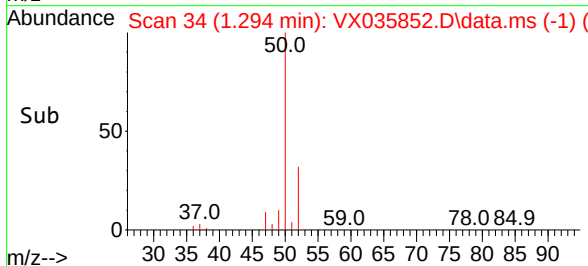
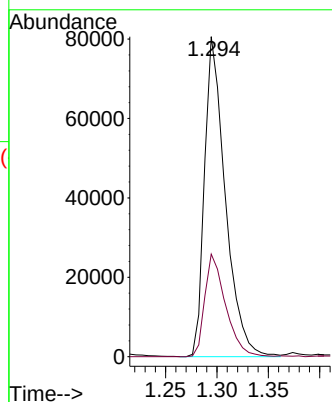
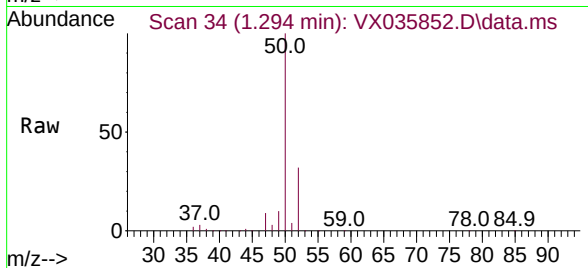
#3
Chloromethane
Concen: 41.194 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
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Tgt Ion: 50 Resp: 11367
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9

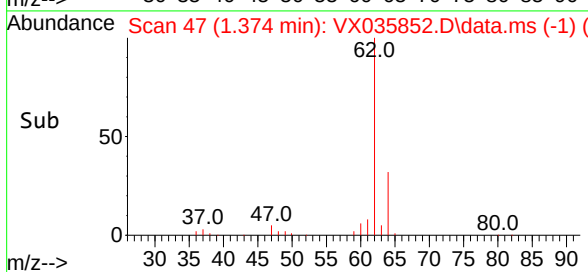
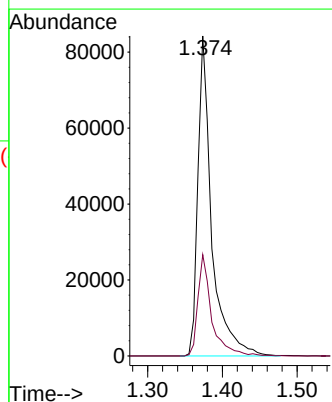
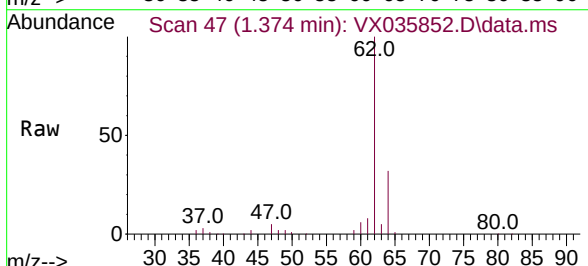
Manual Integrations
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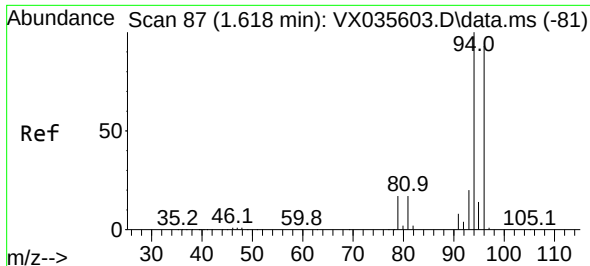
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#4
Vinyl Chloride
Concen: 46.128 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

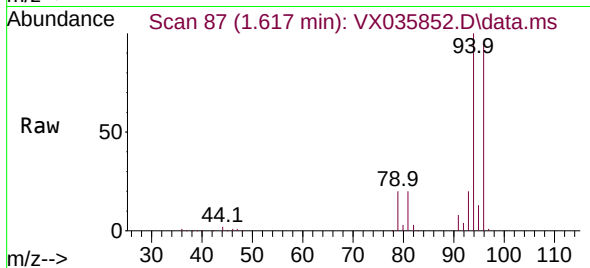
Tgt Ion: 62 Resp: 108024
Ion Ratio Lower Upper
62 100
64 31.7 26.4 39.6





#5
Bromomethane
Concen: 53.927 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

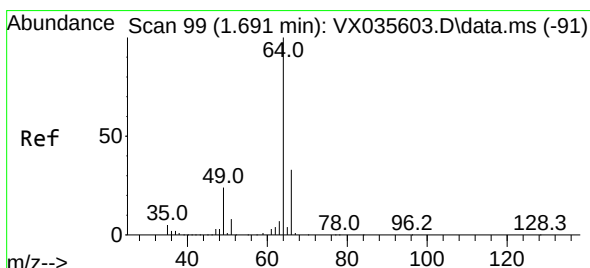
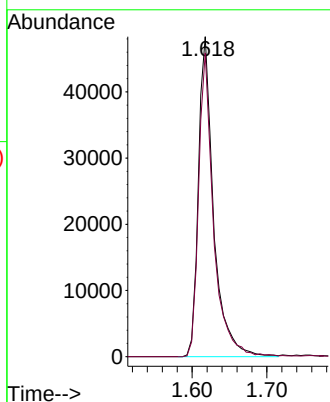
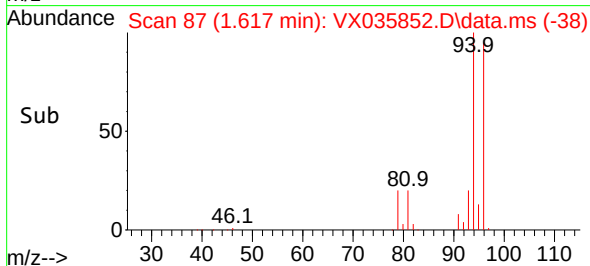
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Tgt Ion: 94 Resp: 6839
Ion Ratio Lower Upper
94 100
96 95.0 77.0 115.6

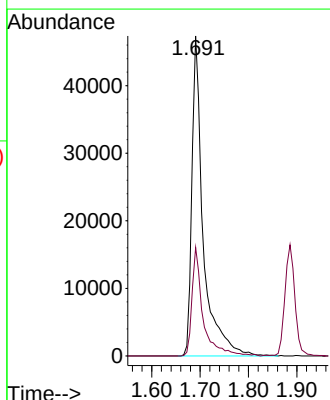
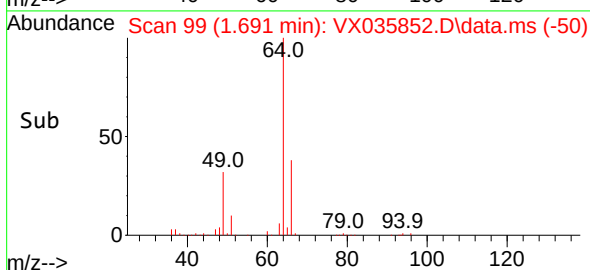
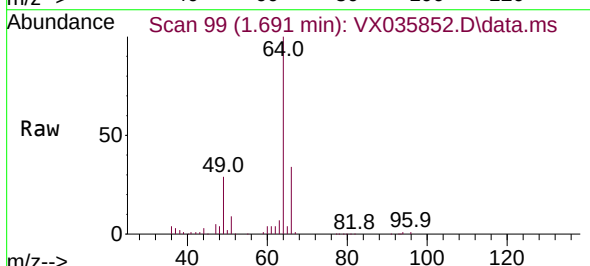
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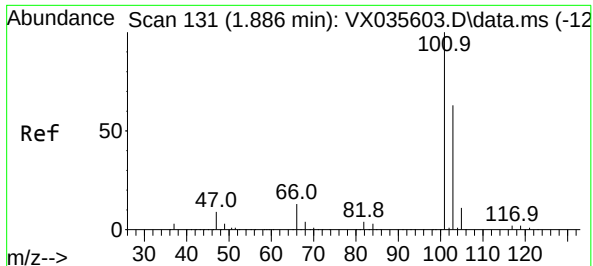
Reviewed By :John Carlone 05/26/2023
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#6
Chloroethane
Concen: 54.104 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion: 64 Resp: 76865
Ion Ratio Lower Upper
64 100
66 33.9 26.2 39.4





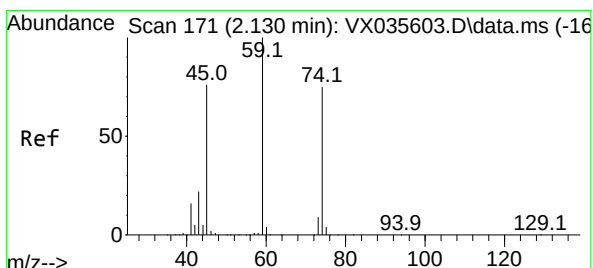
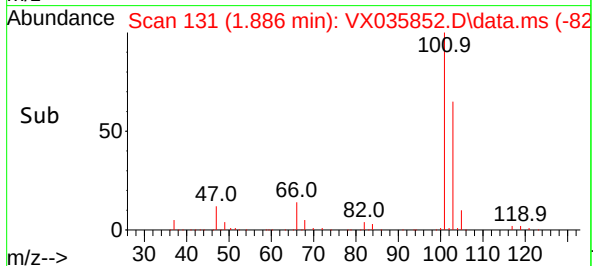
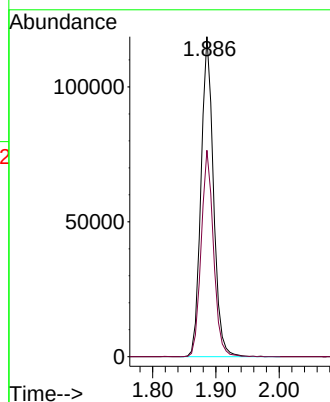
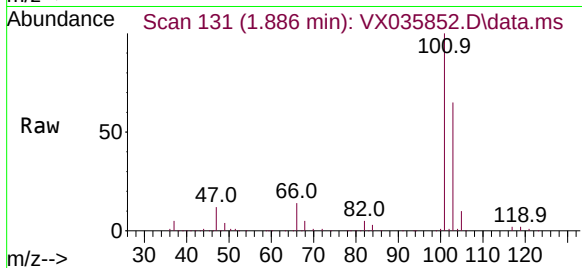
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Trichlorofluoromethane
Concen: 47.195 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 162509
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

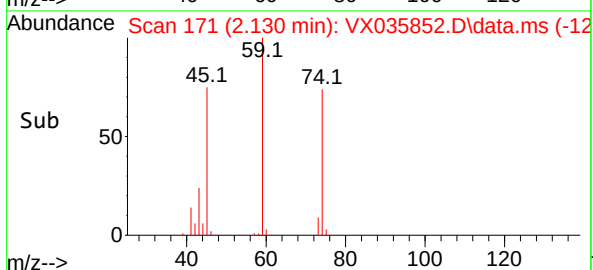
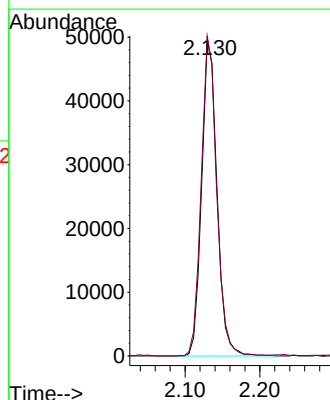
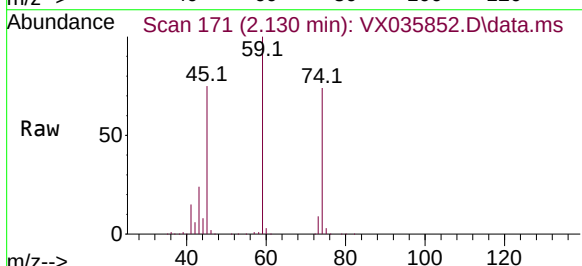
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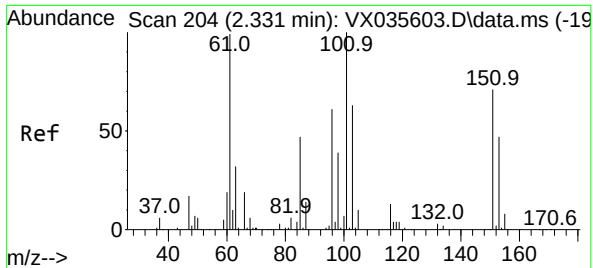
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#8
Diethyl Ether
Concen: 53.254 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion: 74 Resp: 70604
Ion Ratio Lower Upper
74 100
45 102.7 49.8 149.3





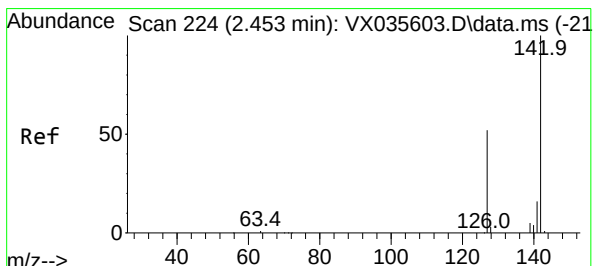
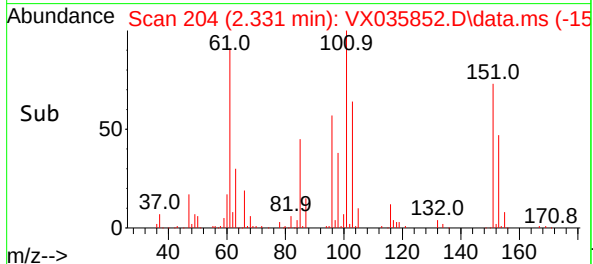
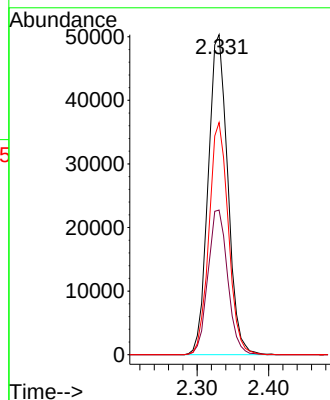
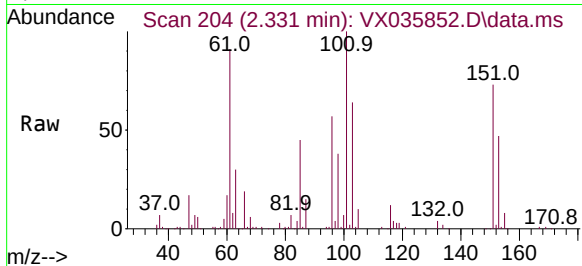
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.772 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9562
Ion Ratio Lower Upper
101 100
85 45.6 35.4 53.2
151 71.8 60.2 90.4

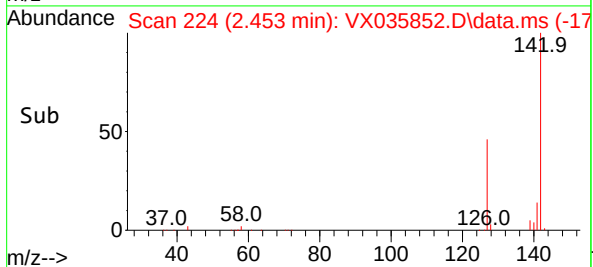
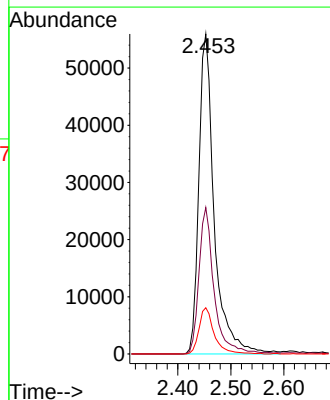
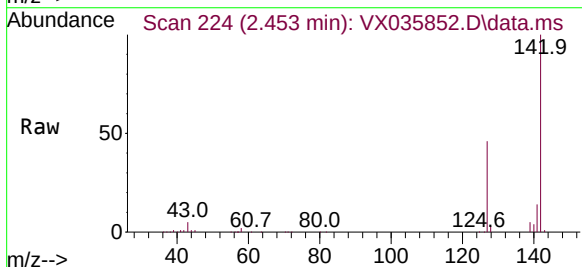
Manual Integrations
APPROVED

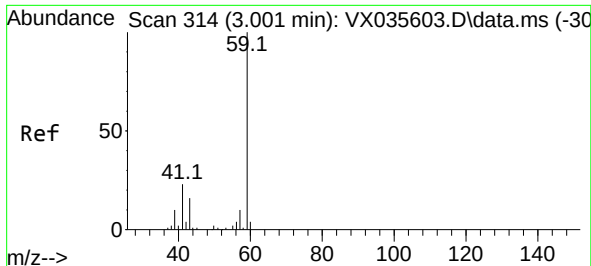
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#10
Methyl Iodide
Concen: 61.828 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

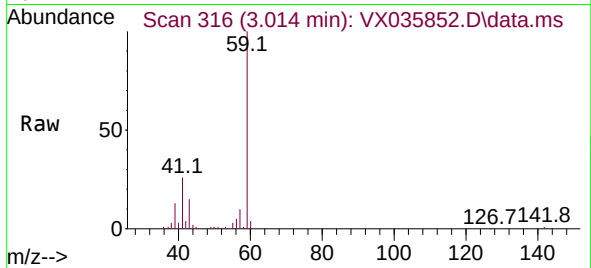
Tgt Ion:142 Resp: 113050
Ion Ratio Lower Upper
142 100
127 45.0 34.0 51.0
141 14.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 248.717 ug/l m
RT: 3.014 min Scan# 314
Delta R.T. 0.013 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

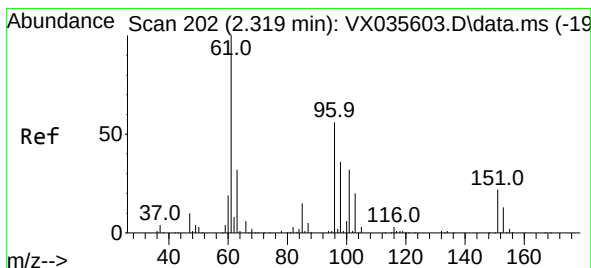
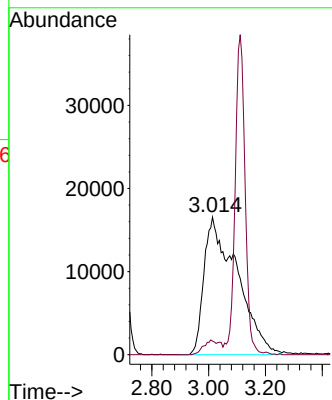
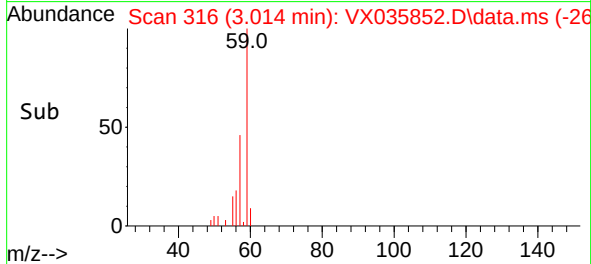
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 13356
Ion Ratio Lower Upper
59 100
57 3.8 8.1 12.1

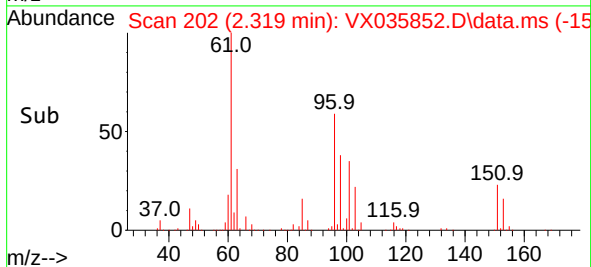
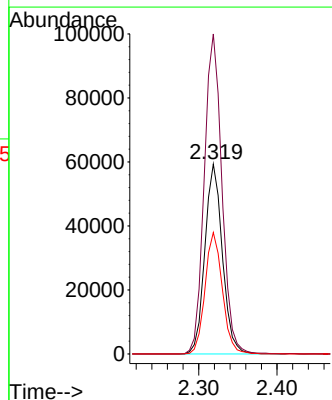
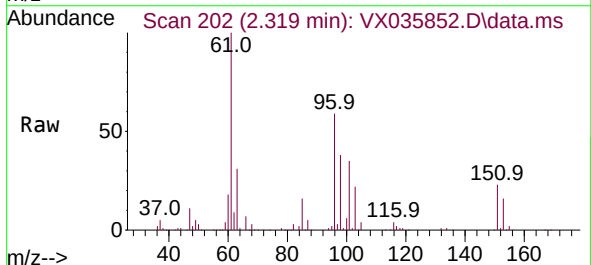
Manual Integrations
APPROVED

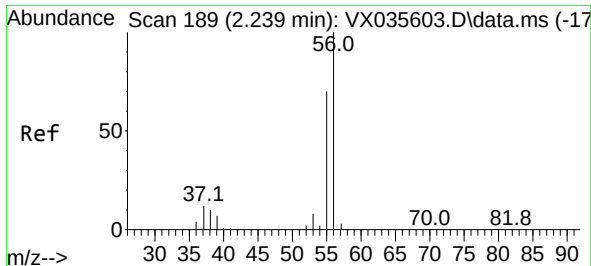
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#12
1,1-Dichloroethene
Concen: 47.473 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

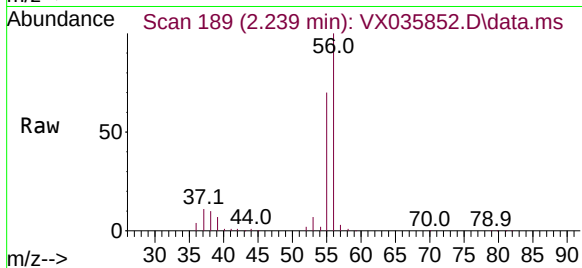
Tgt Ion: 96 Resp: 92240
Ion Ratio Lower Upper
96 100
61 168.4 128.8 193.2
98 63.9 51.4 77.0





#13
Acrolein
Concen: 249.704 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

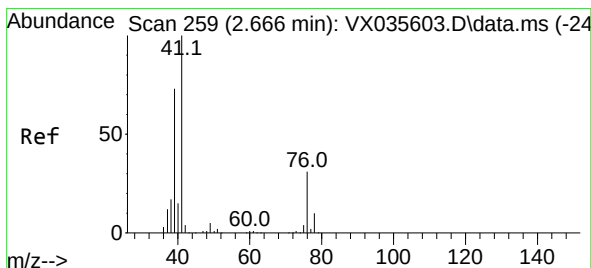
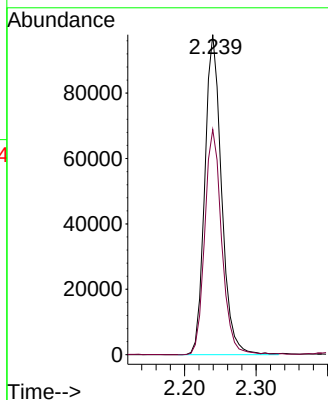
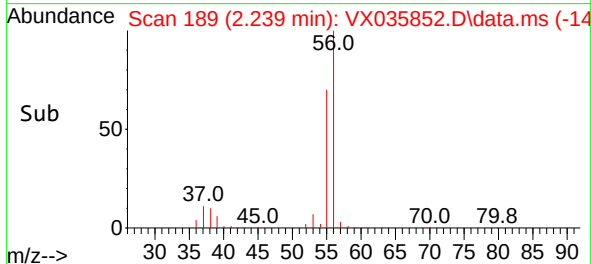
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 159152
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0

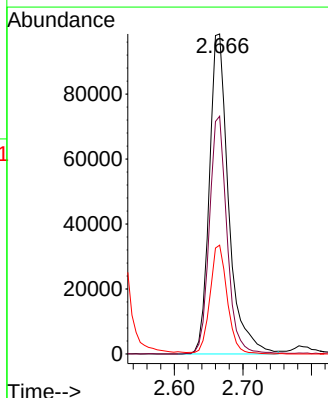
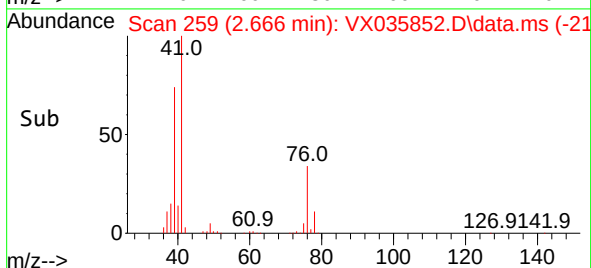
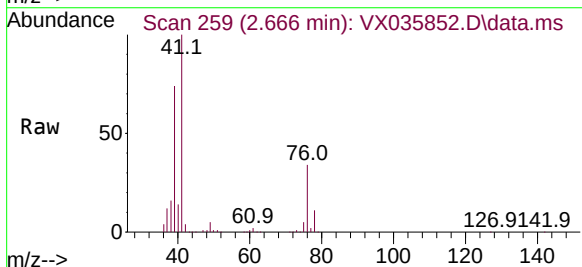
Manual Integrations
APPROVED

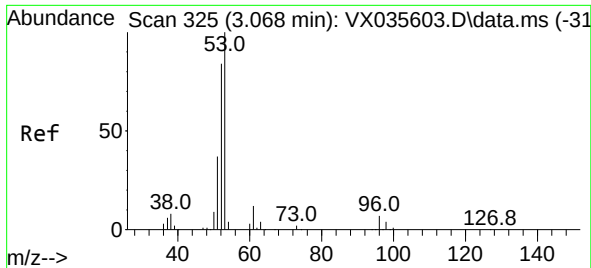
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#14
Allyl chloride
Concen: 46.284 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

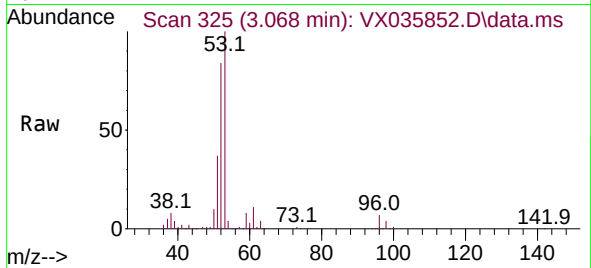
Tgt Ion: 41 Resp: 192663
Ion Ratio Lower Upper
41 100
39 68.0 52.4 78.6
76 30.5 26.0 39.0





#15
Acrylonitrile
Concen: 286.093 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

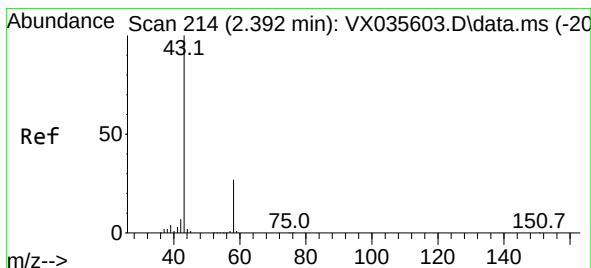
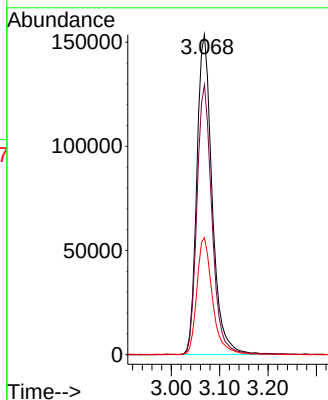
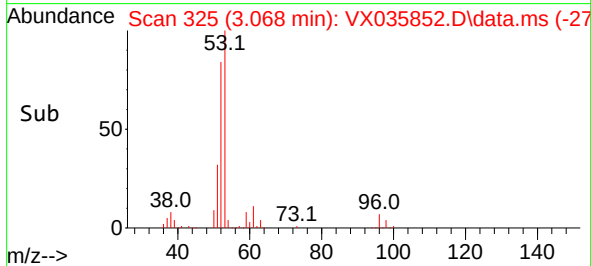
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 338300
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.2
51 37.0 28.3 42.5

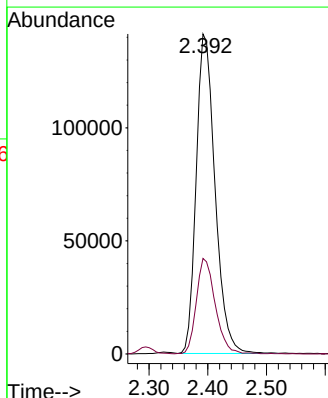
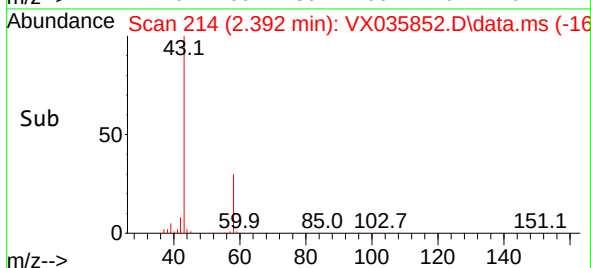
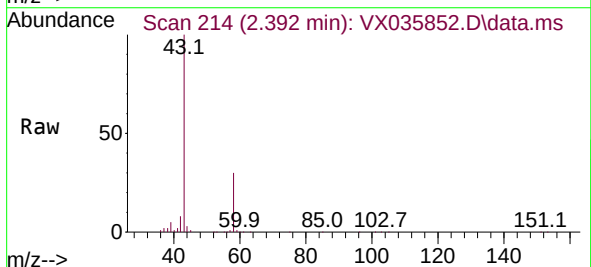
Manual Integrations
APPROVED

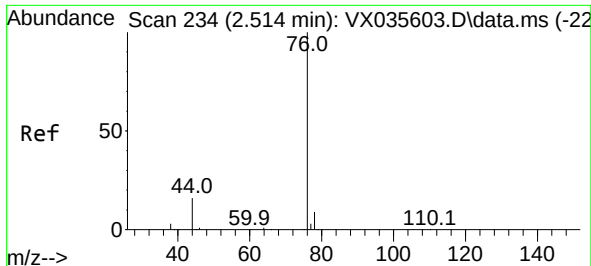
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#16
Acetone
Concen: 240.899 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion: 43 Resp: 315148
Ion Ratio Lower Upper
43 100
58 29.8 24.7 37.1





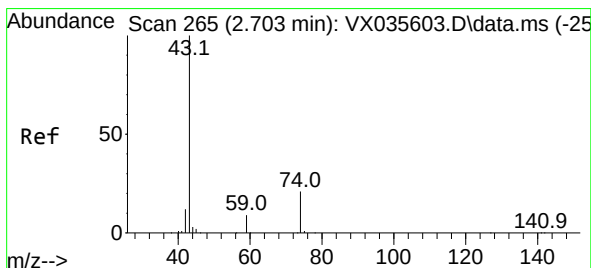
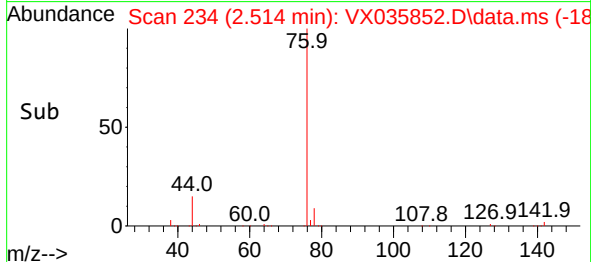
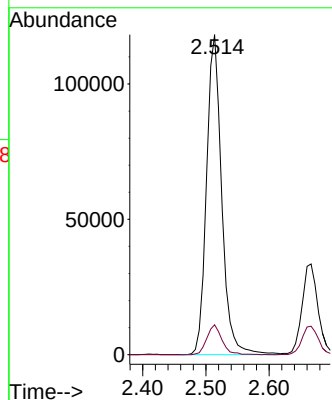
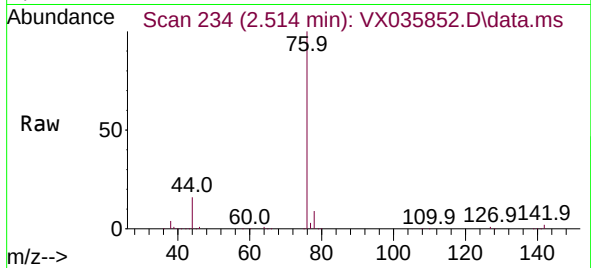
#17
Carbon Disulfide
Concen: 42.109 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 19746
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

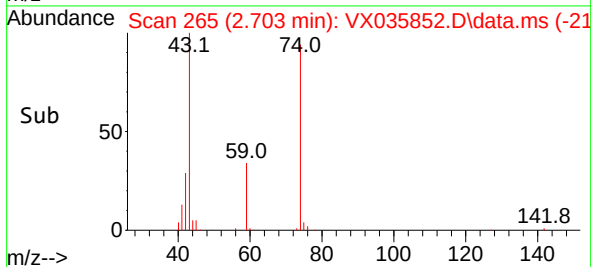
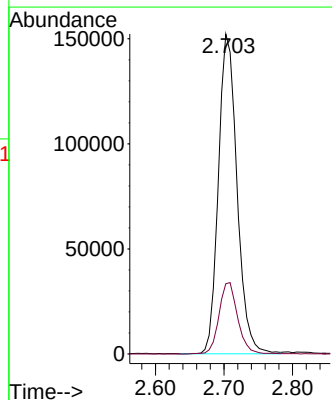
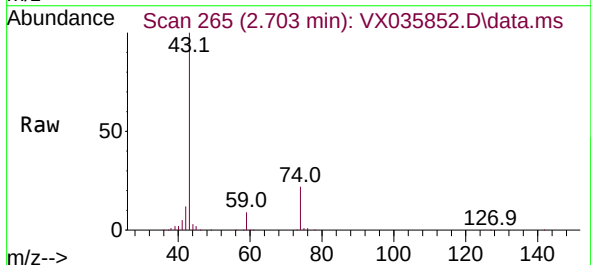
Manual Integrations
APPROVED

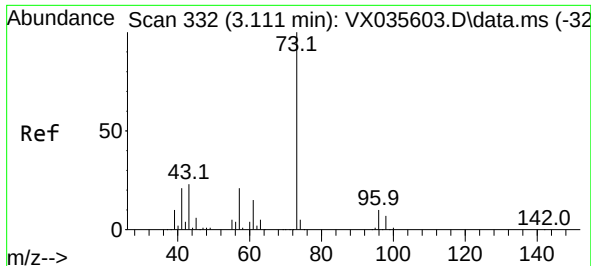
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#18
Methyl Acetate
Concen: 59.451 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion: 43 Resp: 286832
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5





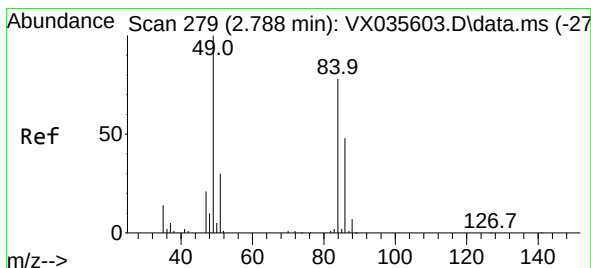
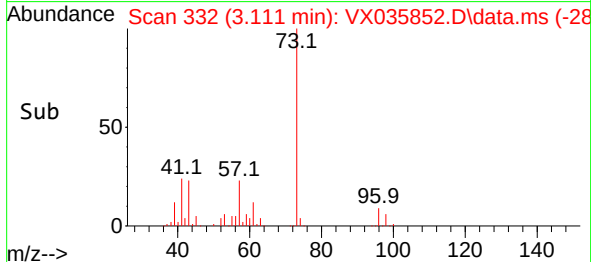
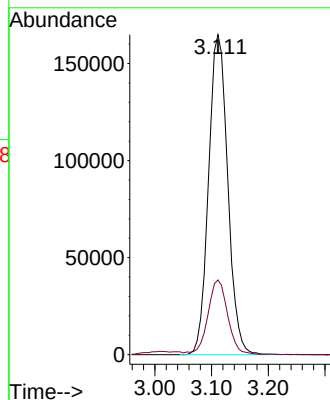
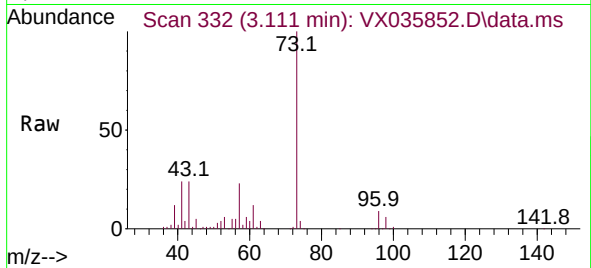
#19
Methyl tert-butyl Ether
Concen: 50.115 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 38748
Ion Ratio Lower Upper
73 100
57 23.3 18.5 27.7

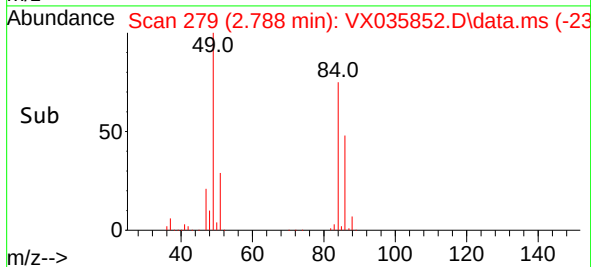
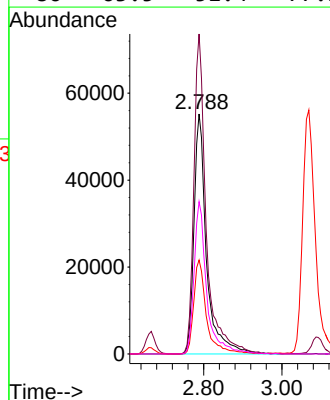
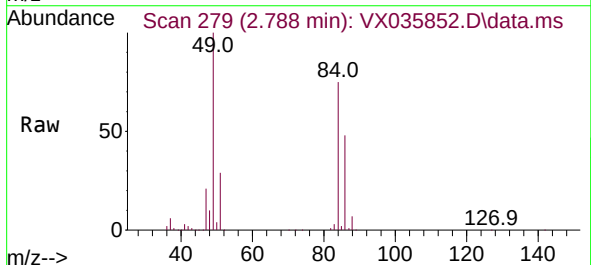
Manual Integrations
APPROVED

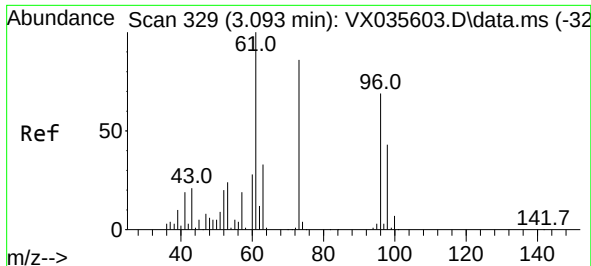
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#20
Methylene Chloride
Concen: 52.146 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

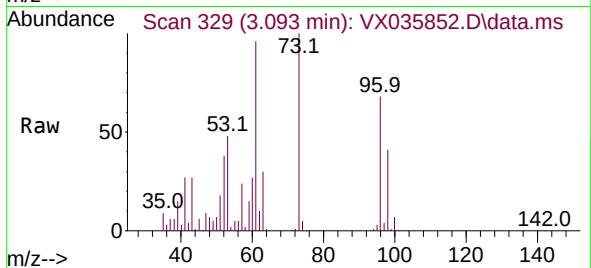
Tgt Ion: 84 Resp: 123635
Ion Ratio Lower Upper
84 100
49 133.3 103.8 155.8
51 39.1 31.8 47.8
86 63.5 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 48.956 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

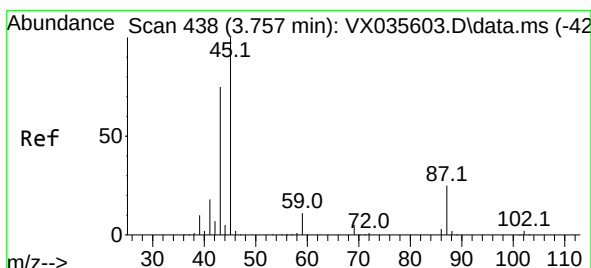
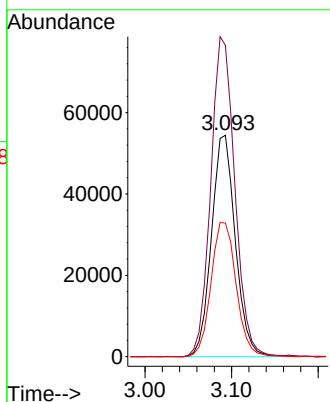
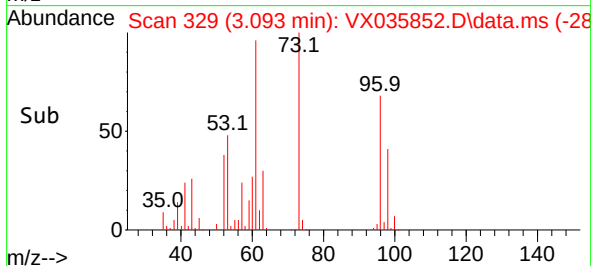
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 10423
Ion Ratio Lower Upper
96 100
61 140.5 113.0 169.6
98 60.3 52.1 78.1

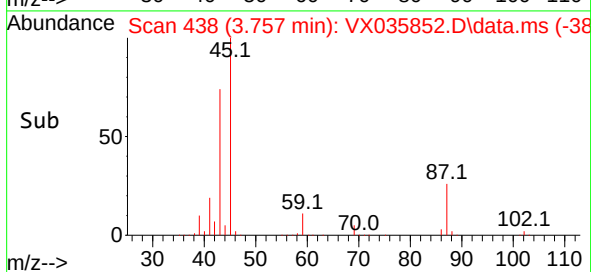
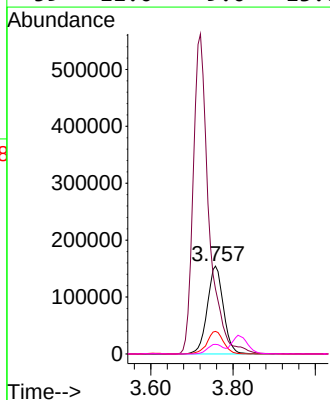
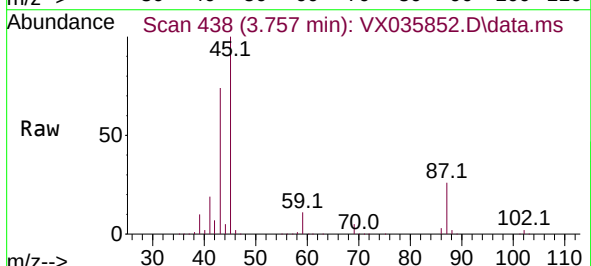
Manual Integrations
APPROVED

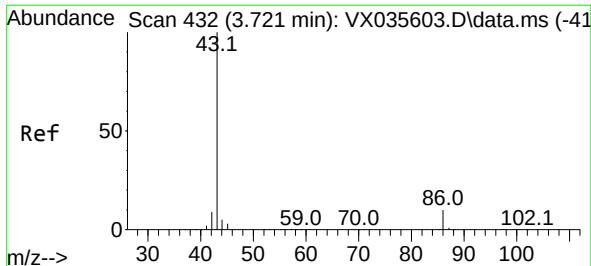
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#22
Diisopropyl ether
Concen: 51.424 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

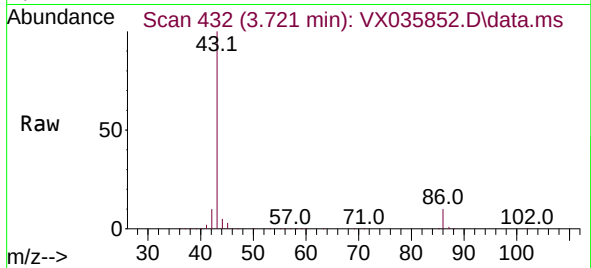
Tgt Ion: 45 Resp: 419110
Ion Ratio Lower Upper
45 100
43 73.6 65.4 98.2
87 25.7 20.6 31.0
59 11.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 258.349 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035852.D
 Acq: 25 May 2023 13:38

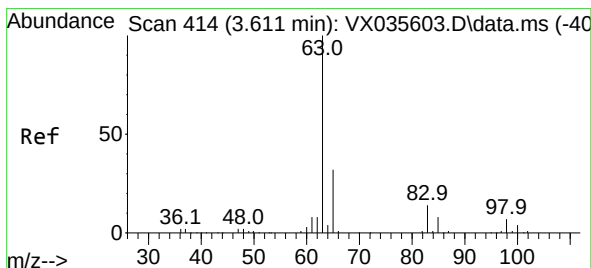
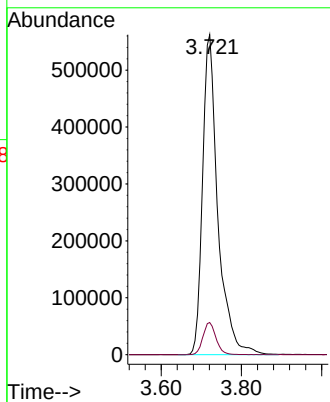
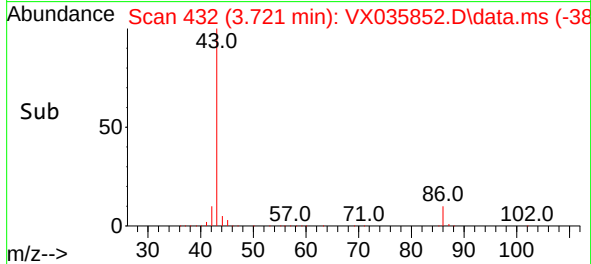
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



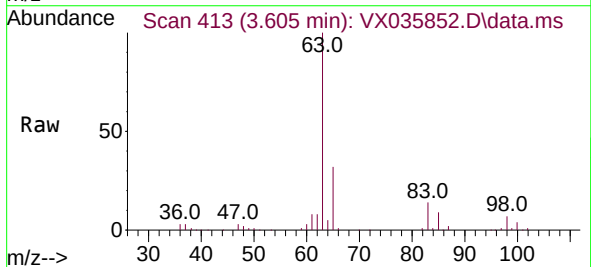
Tgt Ion: 43 Resp: 1489838
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7

Manual Integrations
 APPROVED

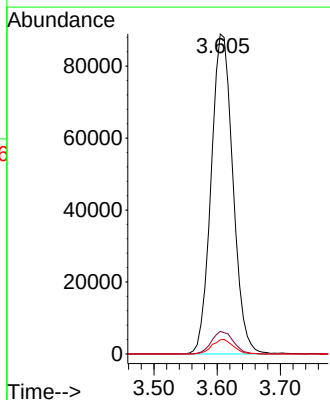
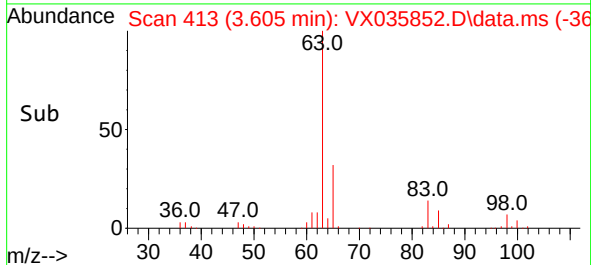
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

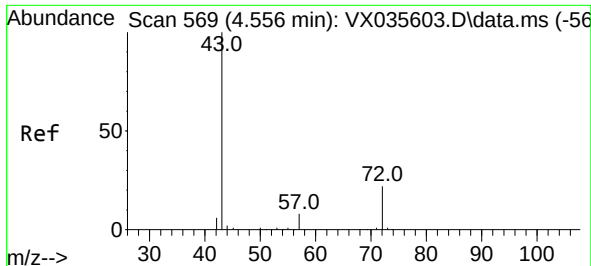


#24
 1,1-Dichloroethane
 Concen: 48.877 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035852.D
 Acq: 25 May 2023 13:38



Tgt Ion: 63 Resp: 213047
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.5 2.4 7.1





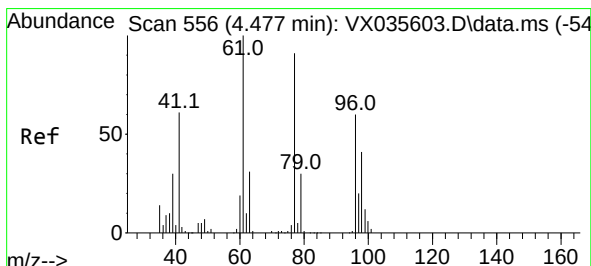
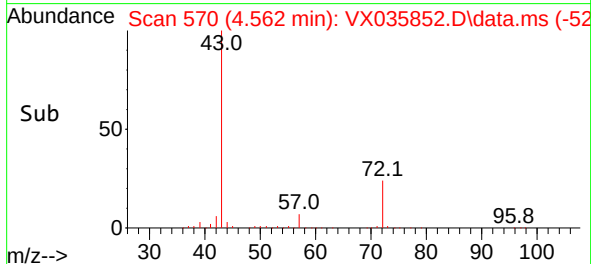
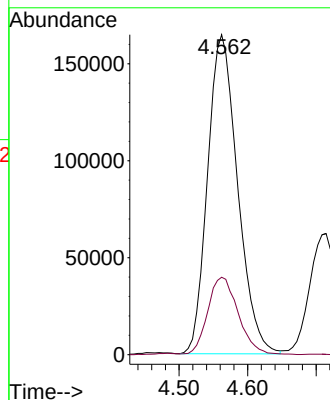
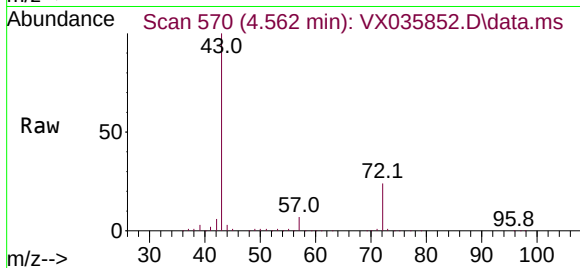
#25
2-Butanone
Concen: 276.410 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 50057
Ion Ratio Lower Upper
43 100
72 24.0 19.3 28.9

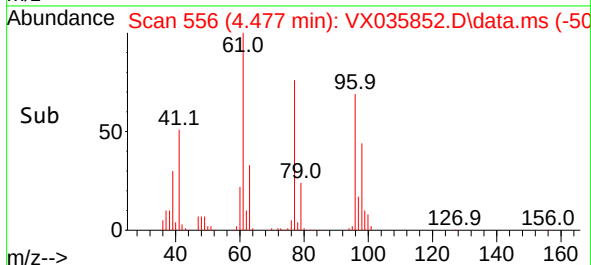
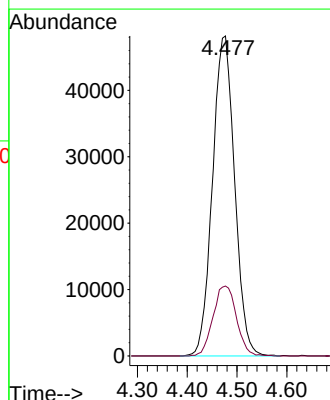
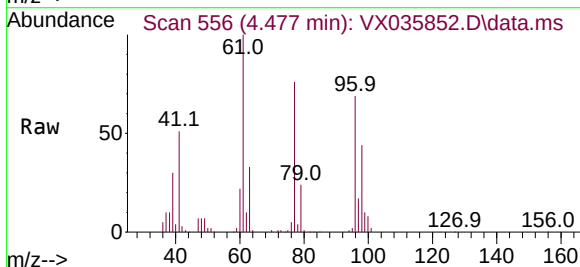
Manual Integrations
APPROVED

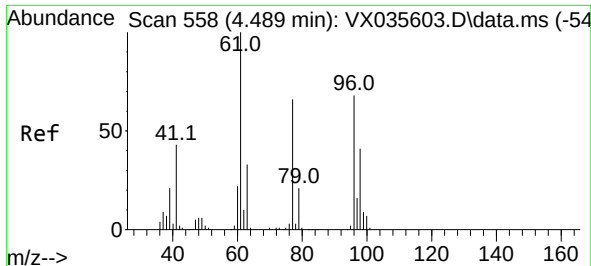
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#26
2,2-Dichloropropane
Concen: 40.191 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion: 77 Resp: 148353
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.920 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 130320

Ion Ratio Lower Upper

96 100

61 149.9 0.0 300.4

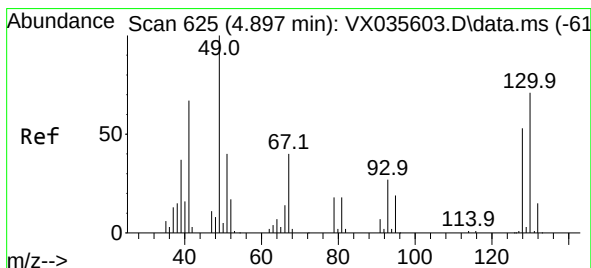
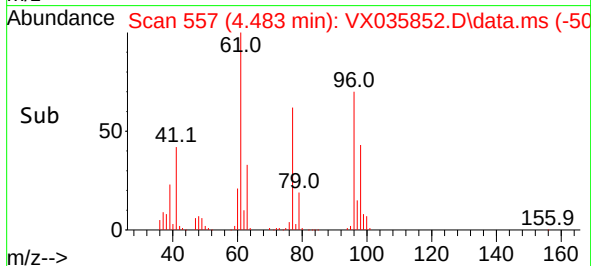
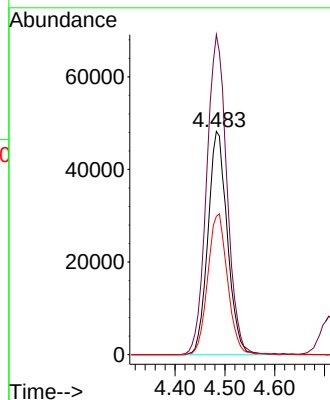
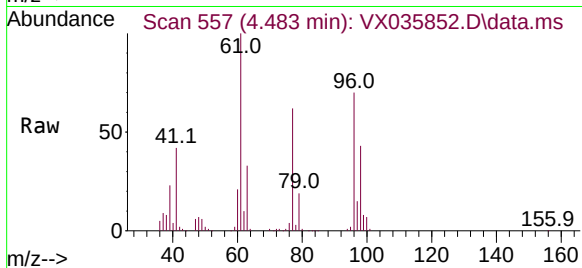
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#28

Bromochloromethane

Concen: 49.332 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

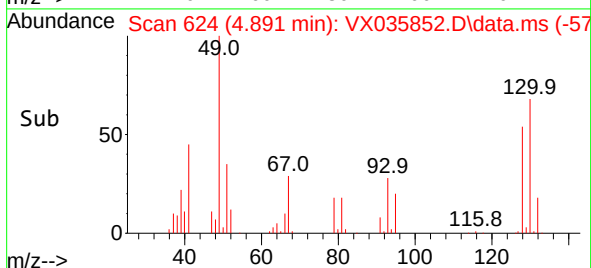
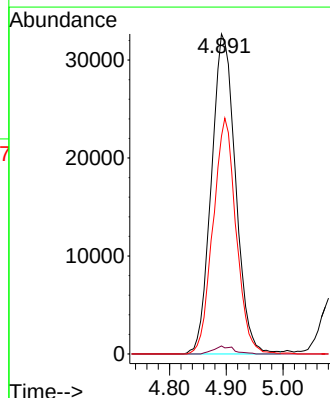
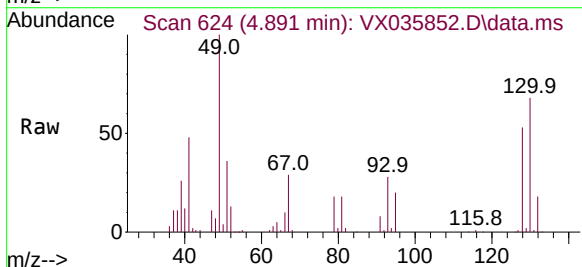
Tgt Ion: 49 Resp: 96720

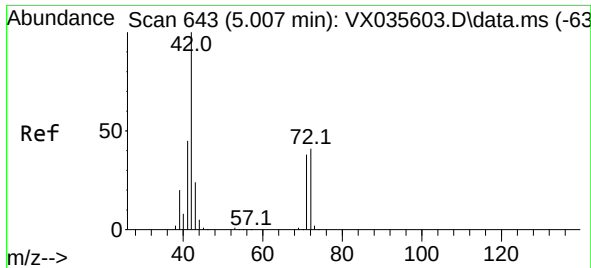
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 70.4 58.2 87.2





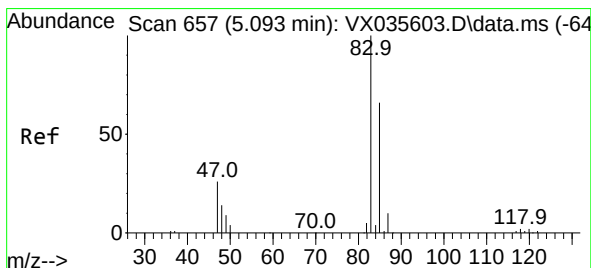
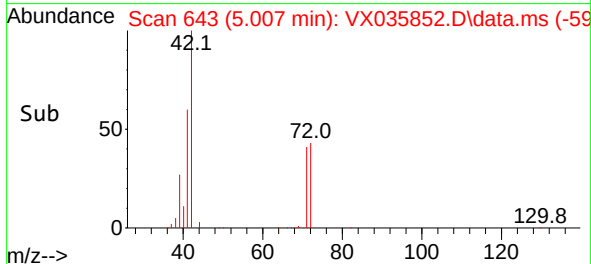
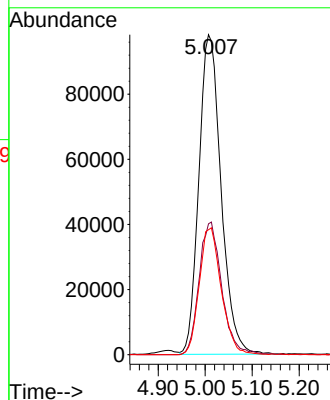
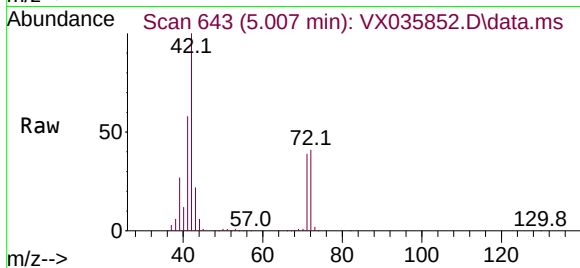
#29
Tetrahydrofuran
Concen: 283.029 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 32216
Ion Ratio Lower Upper
42 100
72 42.4 34.5 51.7
71 39.4 32.1 48.1

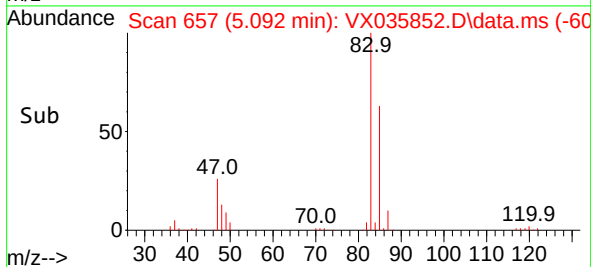
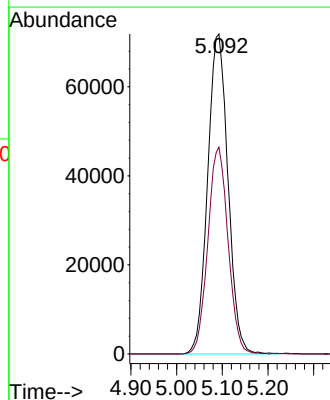
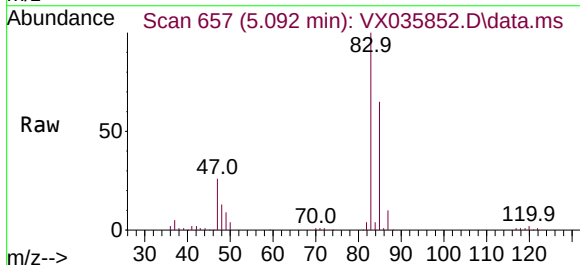
Manual Integrations
APPROVED

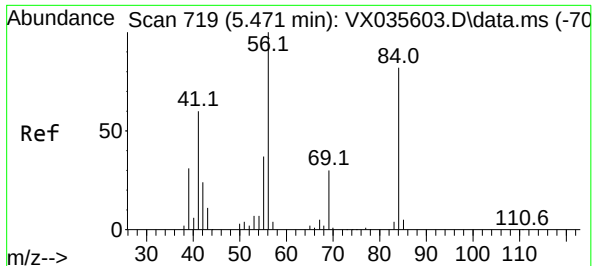
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#30
Chloroform
Concen: 49.697 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

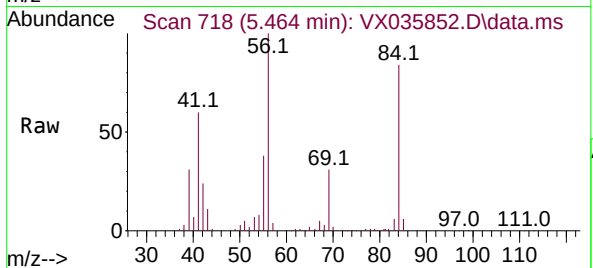
Tgt Ion: 83 Resp: 221976
Ion Ratio Lower Upper
83 100
85 64.7 50.6 76.0





#31
Cyclohexane
Concen: 44.000 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

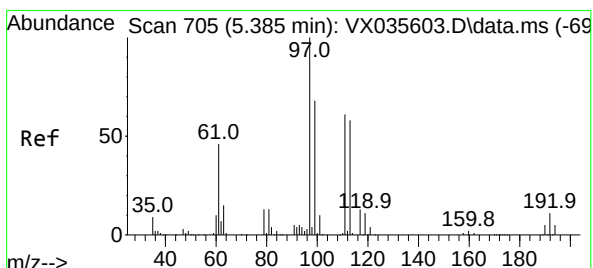
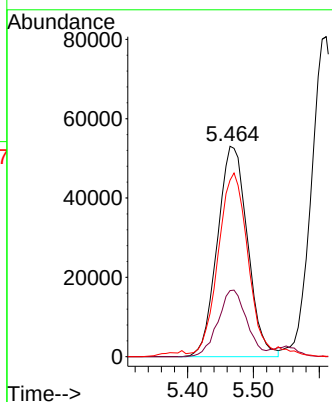
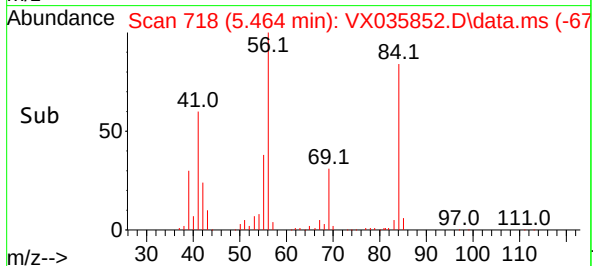
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



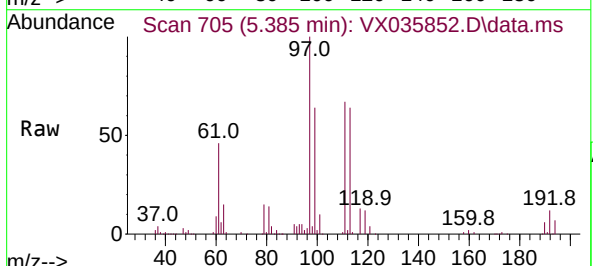
Tgt Ion: 56 Resp: 16920
Ion Ratio Lower Upper
56 100
69 31.4 23.7 35.5
84 82.1 68.5 102.7

Manual Integrations
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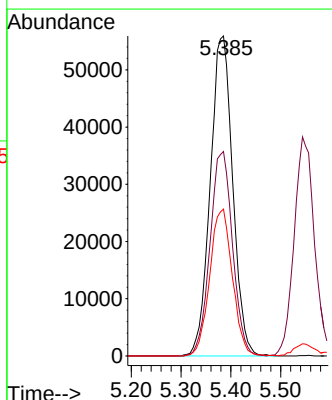
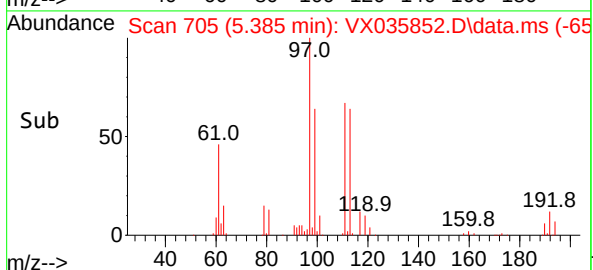
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

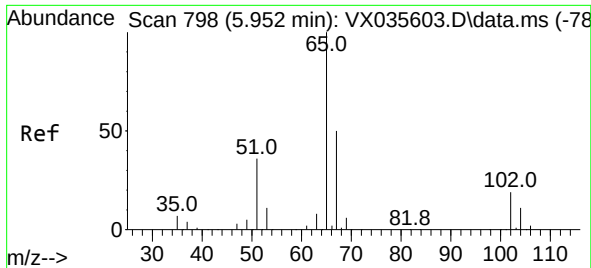


#32
1,1,1-Trichloroethane
Concen: 44.990 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38



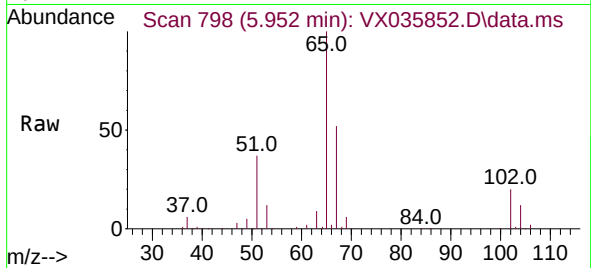
Tgt Ion: 97 Resp: 174842
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 46.4 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 46.005 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

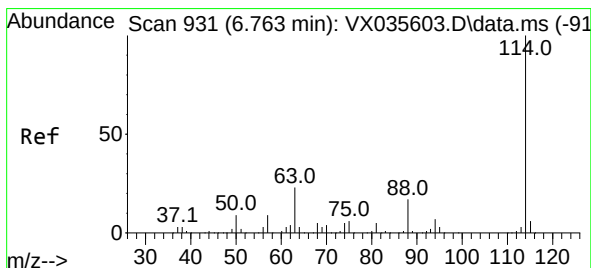
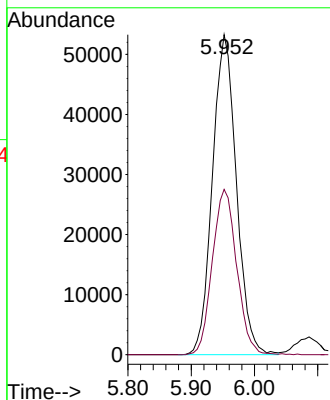
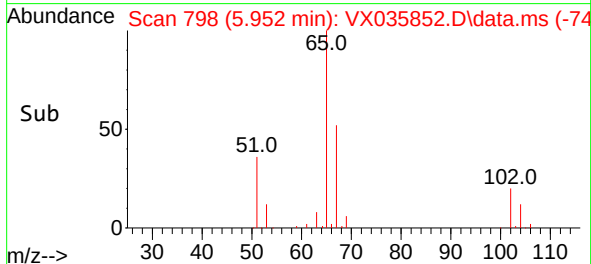
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



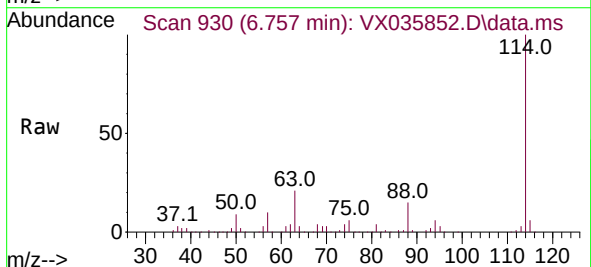
Tgt Ion: 65 Resp: 140029
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

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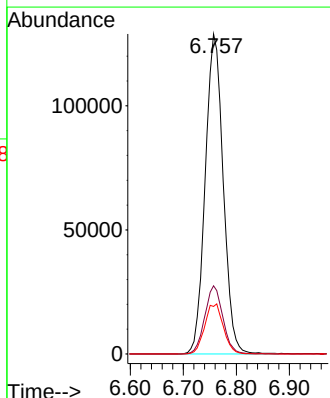
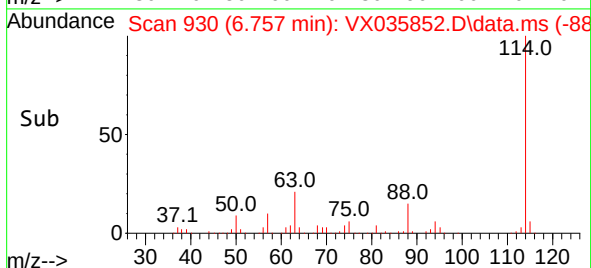
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

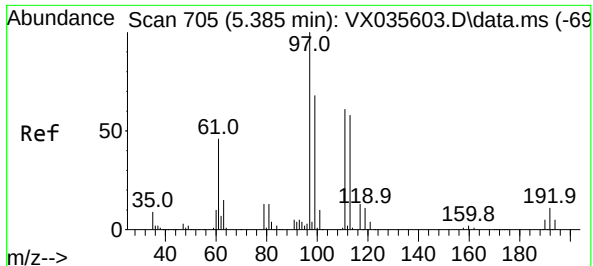


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38



Tgt Ion:114 Resp: 303942
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.2
88 14.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.244 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 107088

Ion Ratio Lower Upper

113 100

111 102.0 83.7 125.5

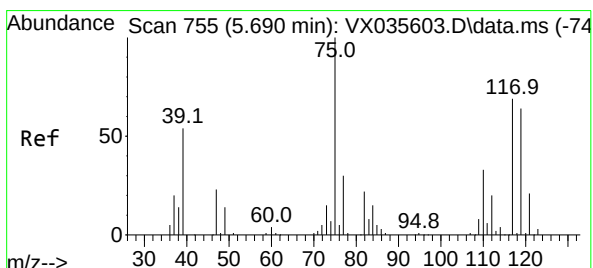
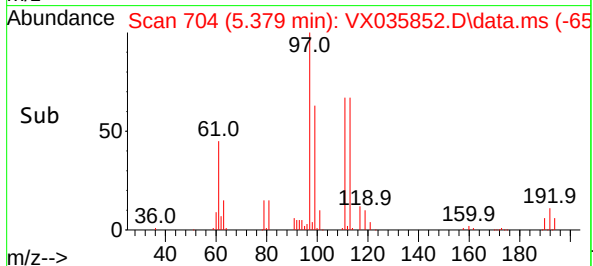
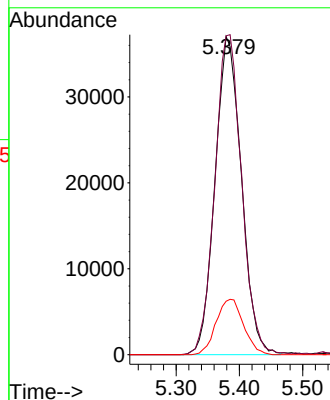
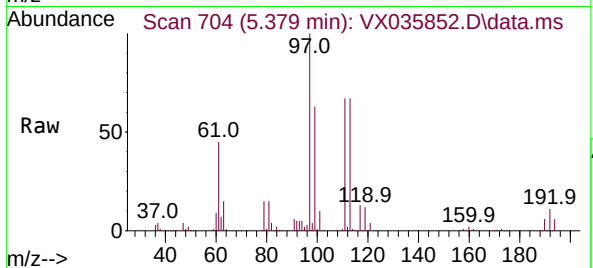
192 18.1 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#36

1,1-Dichloropropene

Concen: 46.951 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

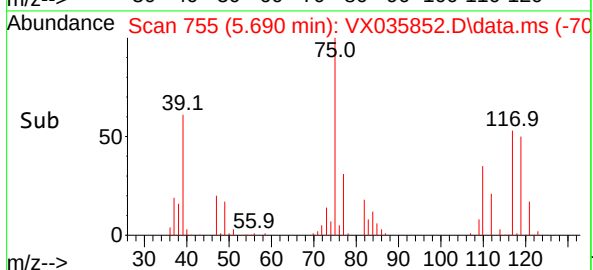
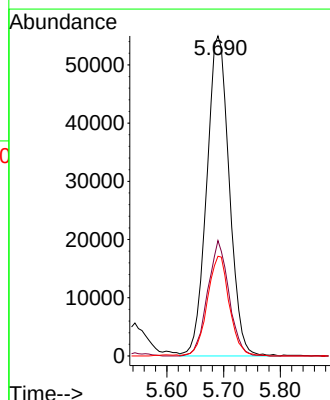
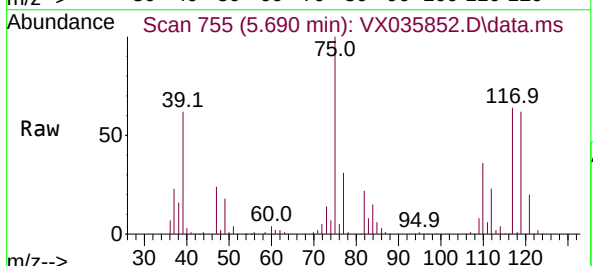
Tgt Ion: 75 Resp: 151911

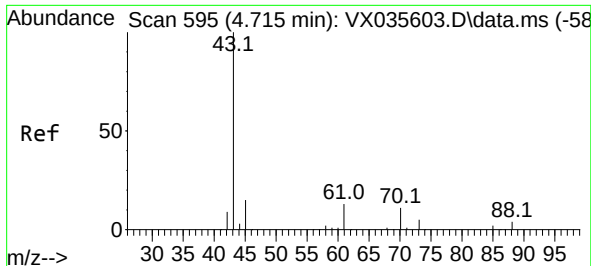
Ion Ratio Lower Upper

75 100

110 34.1 17.5 52.5

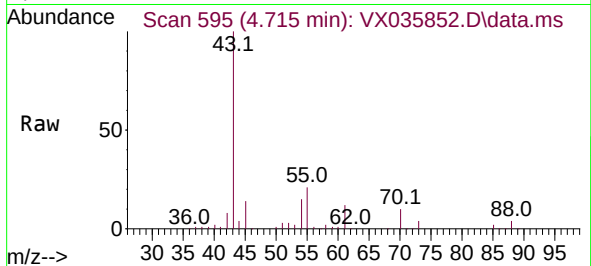
77 30.5 24.3 36.5





#37
Ethyl Acetate
Concen: 55.638 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

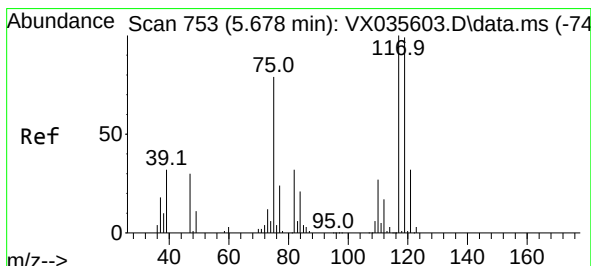
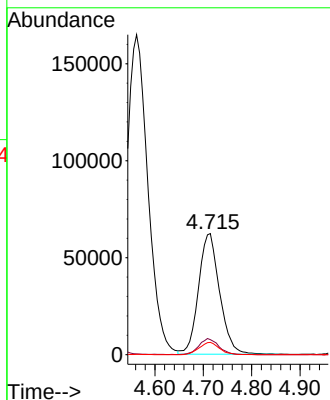
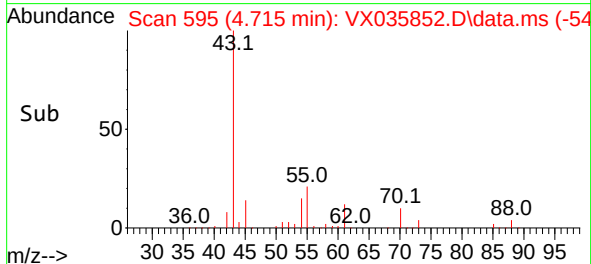
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 18776
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.4
70 9.8 8.2 12.4

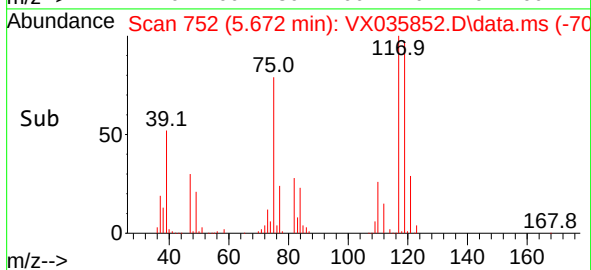
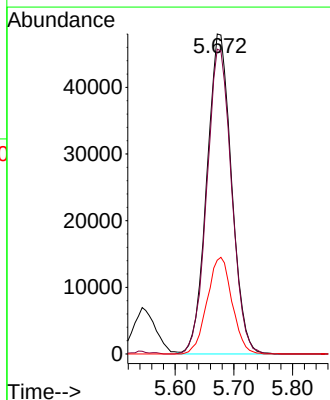
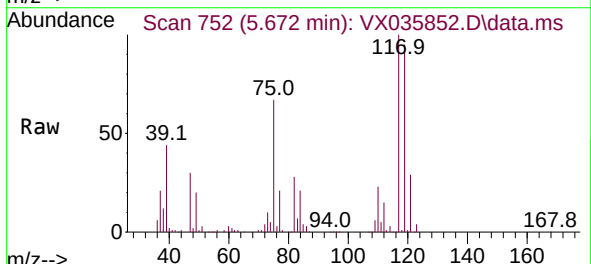
Manual Integrations
APPROVED

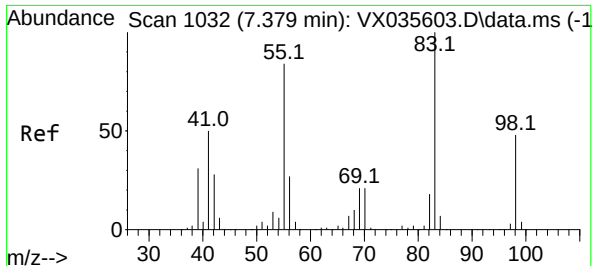
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#38
Carbon Tetrachloride
Concen: 45.710 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion:117 Resp: 140100
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
121 29.3 23.8 35.6





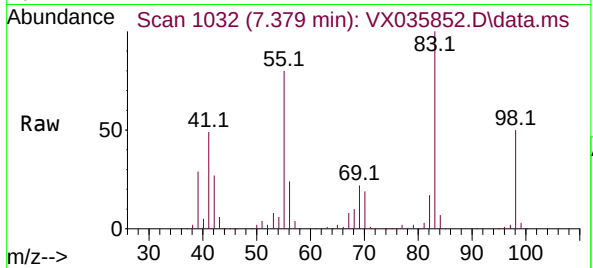
#39
Methylcyclohexane
Concen: 44.742 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



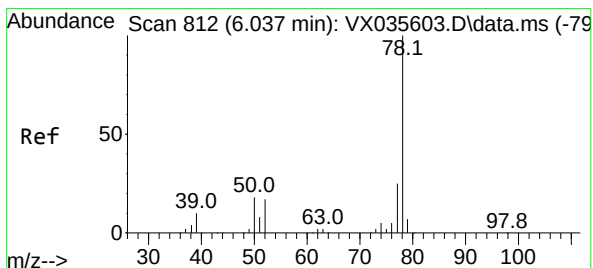
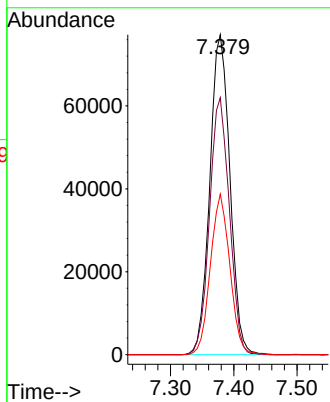
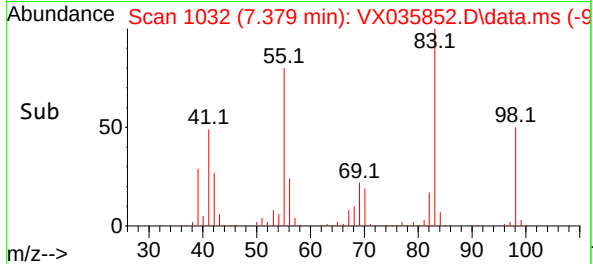
Tgt Ion: 83 Resp: 170404
Ion Ratio Lower Upper
83 100
55 80.3 60.5 90.7
98 50.2 40.4 60.6

Manual Integrations

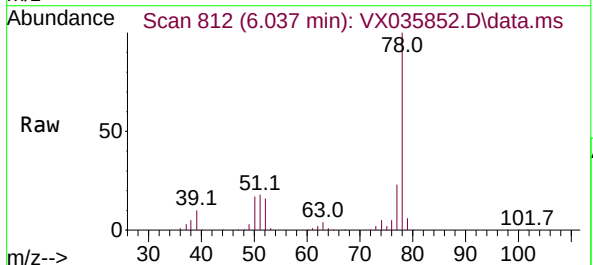
APPROVED

Reviewed By :John Carlone 05/26/2023

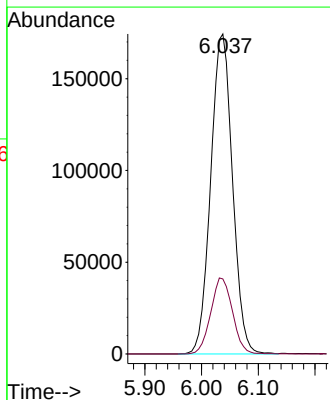
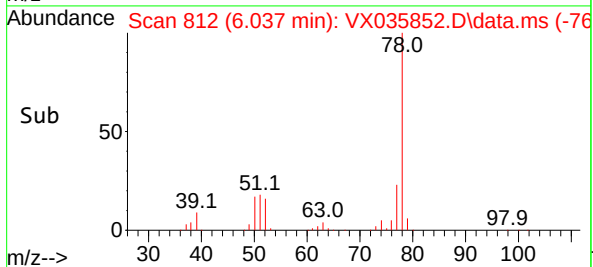
Supervised By :Mahesh Dadoda 05/26/2023

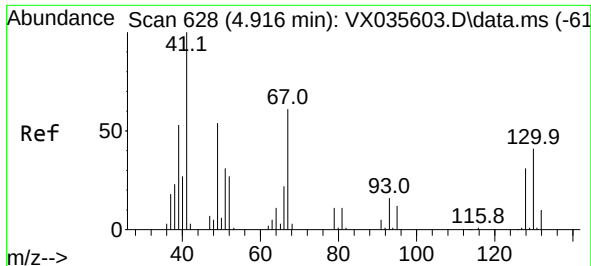


#40
Benzene
Concen: 51.364 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38



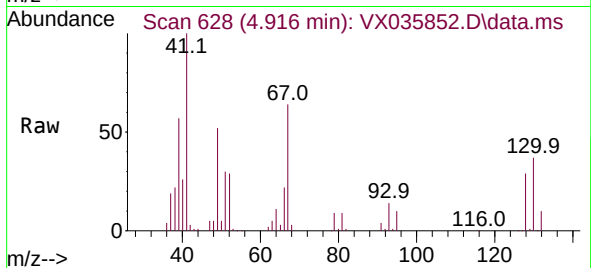
Tgt Ion: 78 Resp: 464912
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 52.512 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

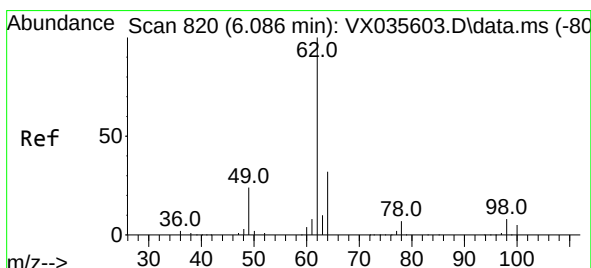
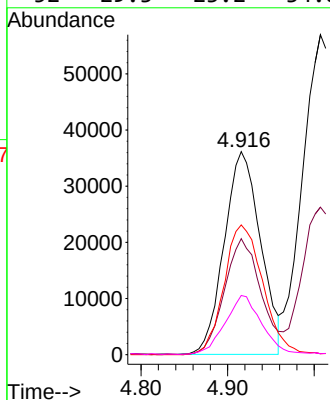
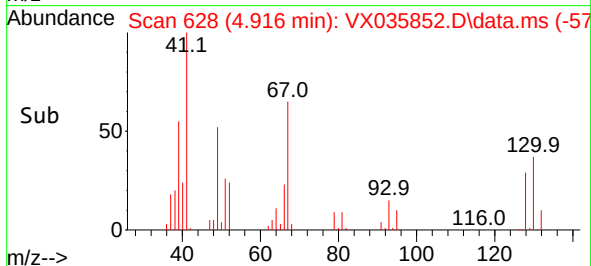
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 105219
Ion Ratio Lower Upper
41 100
39 58.5 45.0 67.6
67 68.6 55.6 83.4
52 29.3 23.2 34.8

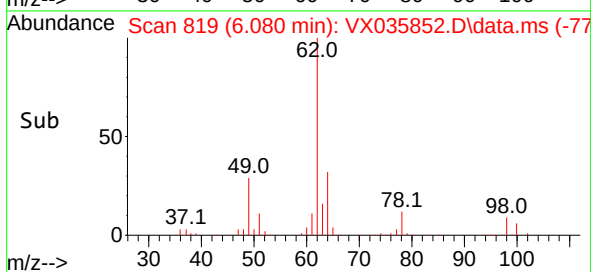
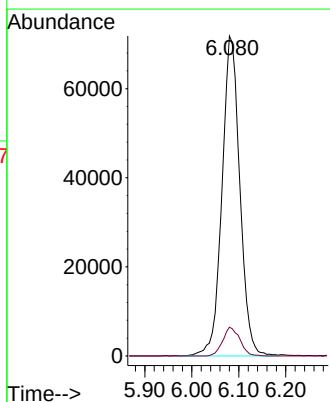
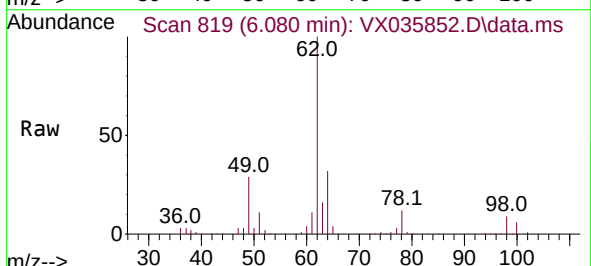
Manual Integrations
APPROVED

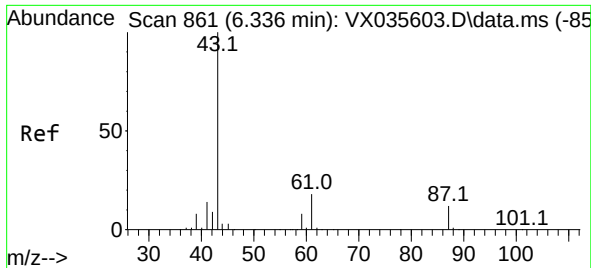
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#42
1,2-Dichloroethane
Concen: 48.766 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

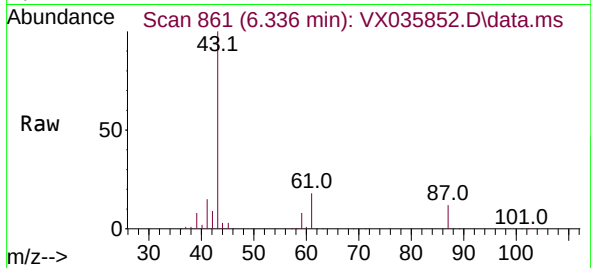
Tgt Ion: 62 Resp: 189877
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.0





#43
Isopropyl Acetate
Concen: 52.880 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

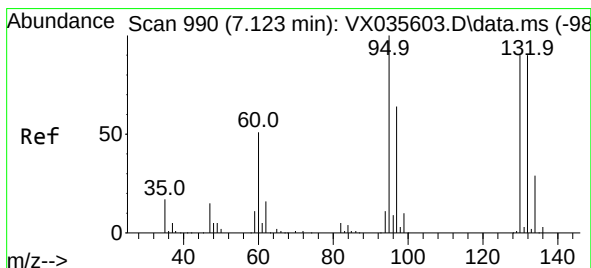
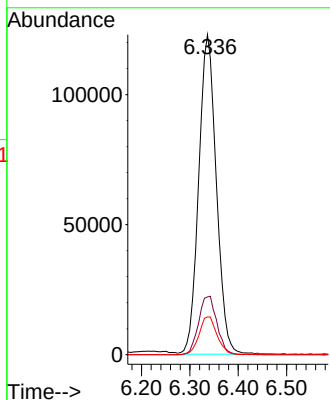
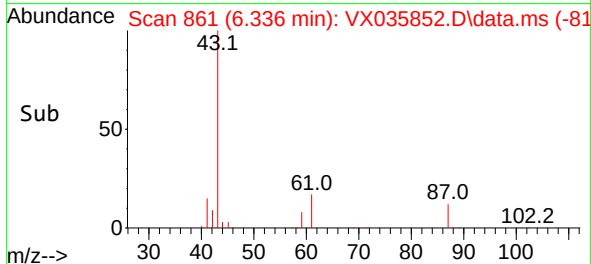
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 31118
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.0 9.8 14.8

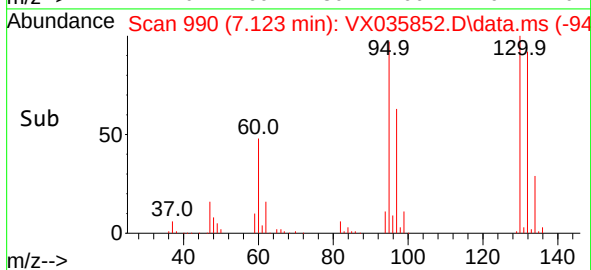
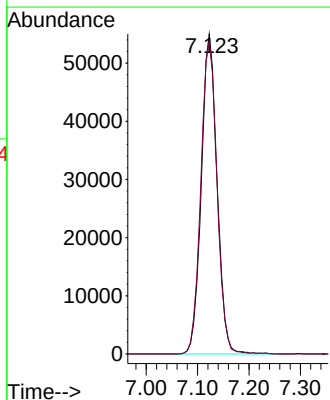
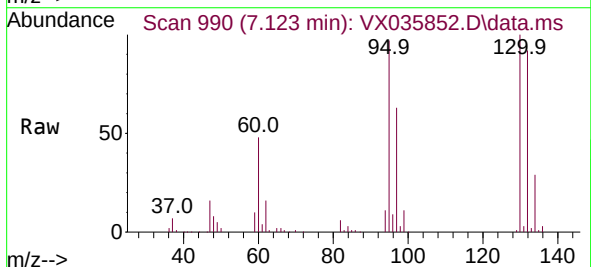
Manual Integrations
APPROVED

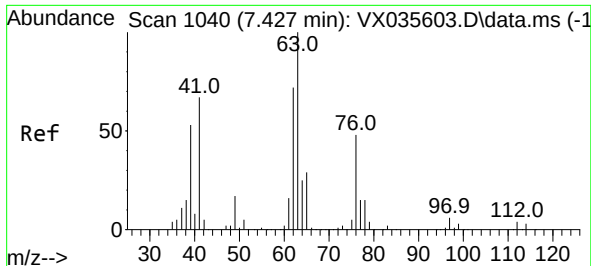
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#44
Trichloroethene
Concen: 50.766 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion:130 Resp: 116512
Ion Ratio Lower Upper
130 100
95 97.4 0.0 198.4





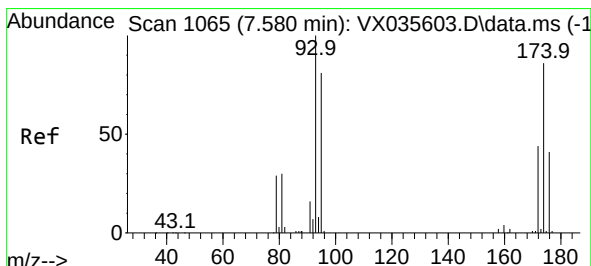
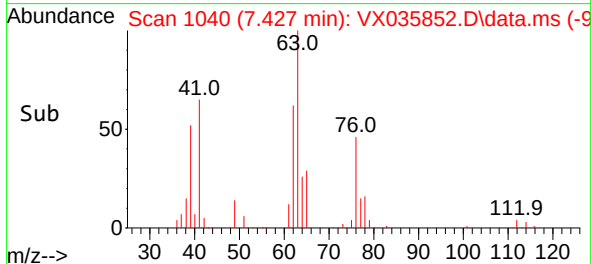
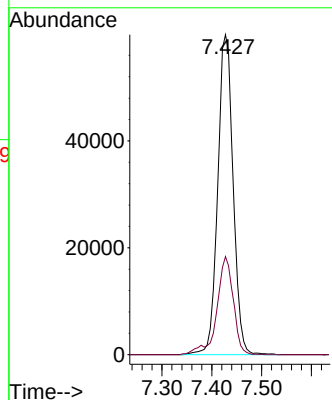
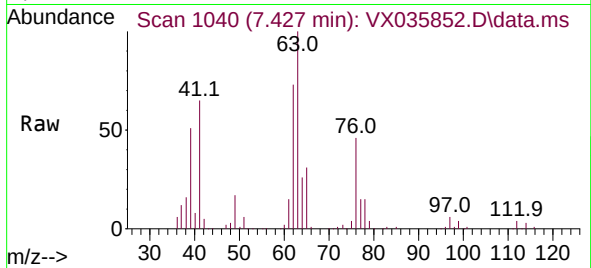
#45
1,2-Dichloropropane
Concen: 53.534 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 12833
Ion Ratio Lower Upper
63 100
65 30.7 24.6 37.0

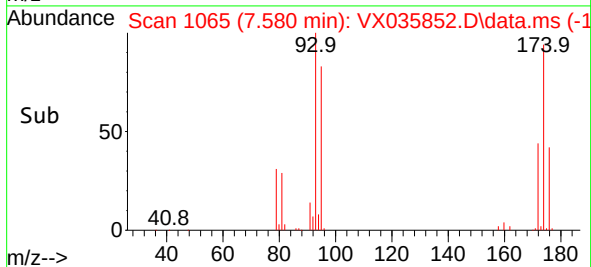
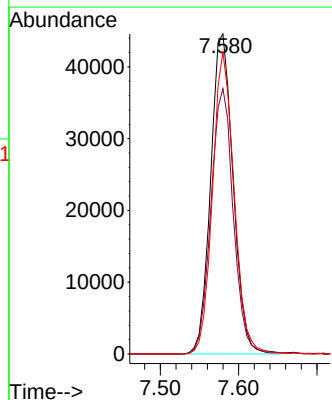
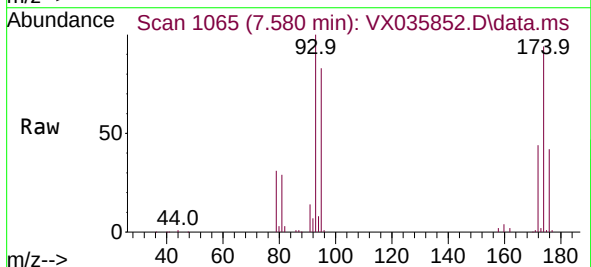
Manual Integrations
APPROVED

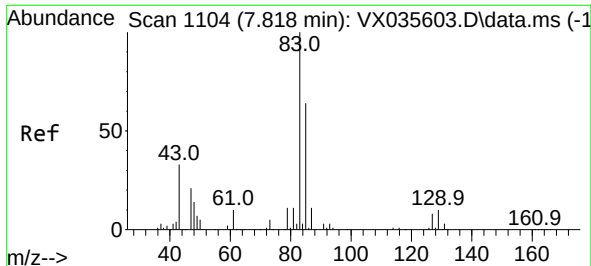
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#46
Dibromomethane
Concen: 54.170 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion: 93 Resp: 88889
Ion Ratio Lower Upper
93 100
95 82.6 66.9 100.3
174 90.7 75.4 113.0





#47
Bromodichloromethane
Concen: 51.236 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

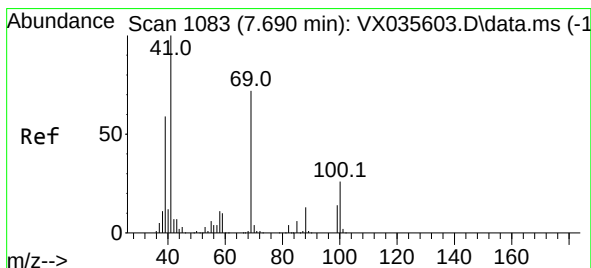
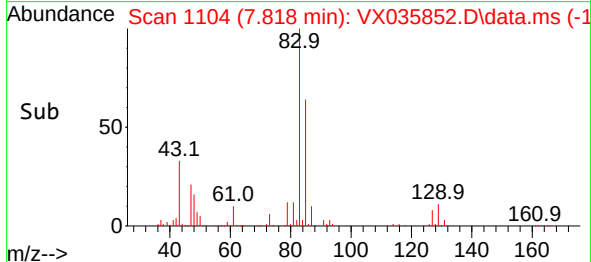
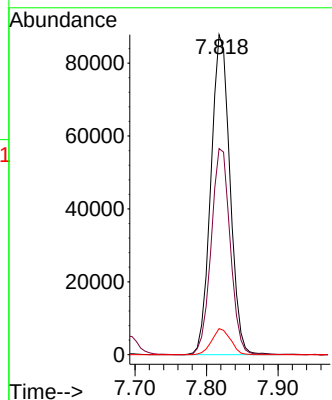
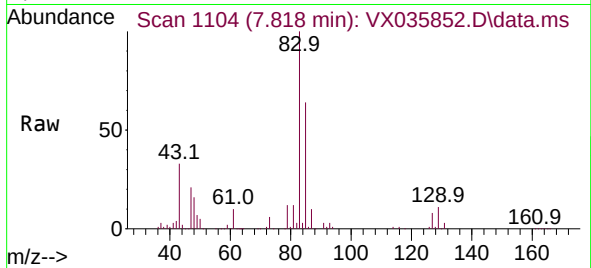
VSTDCCC050

Tgt Ion: 83 Resp: 16250
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4
127 8.2 6.6 9.8

Manual Integrations

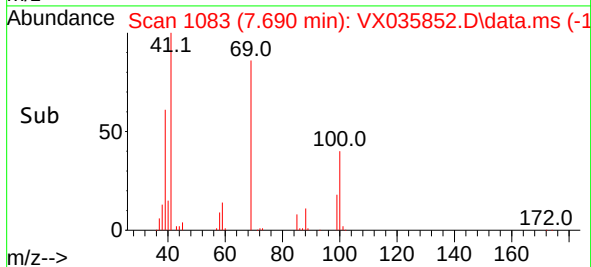
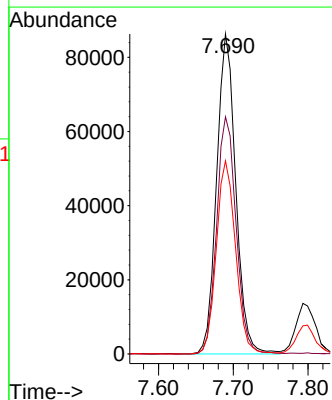
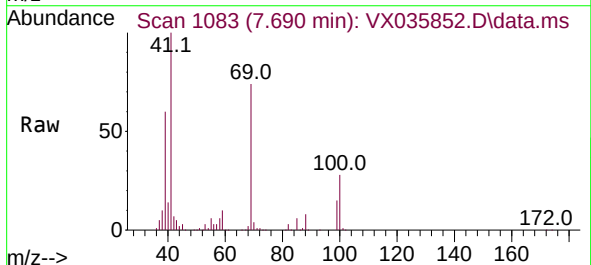
APPROVED

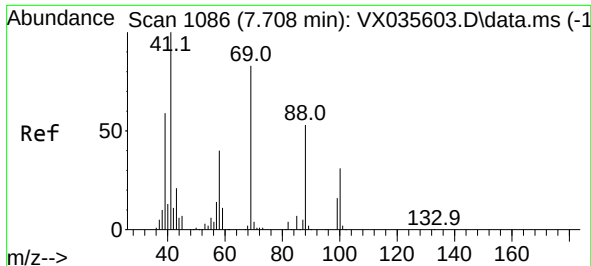
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#48
Methyl methacrylate
Concen: 52.931 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion: 41 Resp: 153721
Ion Ratio Lower Upper
41 100
69 75.4 62.2 93.4
39 60.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1028.251 ug/l

RT: 7.726 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 60288

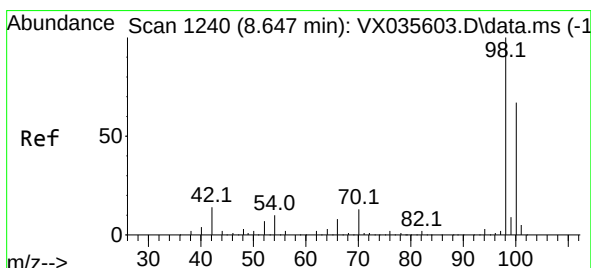
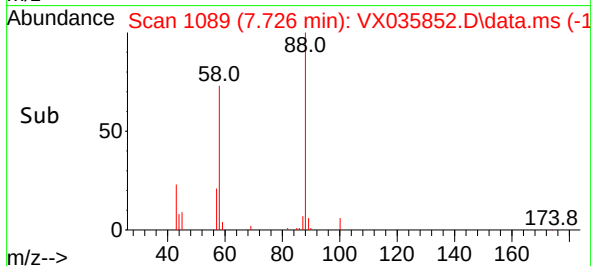
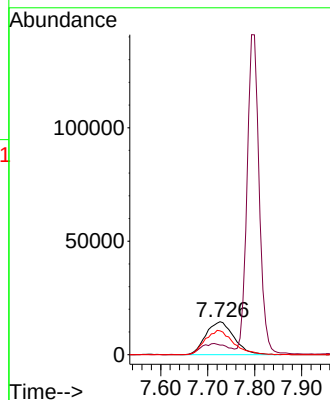
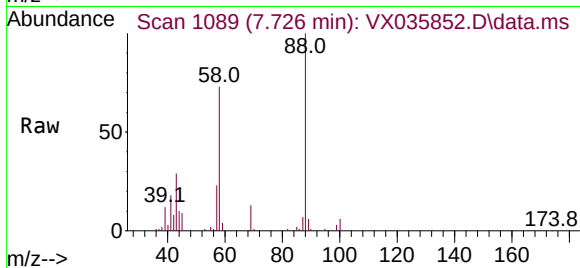
Ion	Ratio	Lower	Upper
88	100		
43	32.0	27.7	41.5
58	74.0	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#50

Toluene-d8

Concen: 50.036 ug/l

RT: 8.647 min Scan# 1240

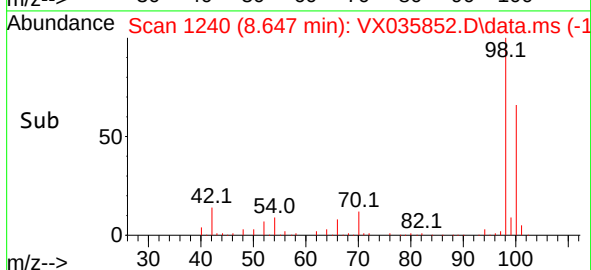
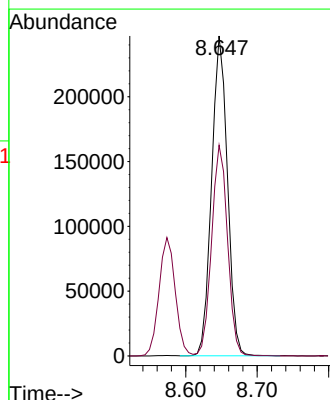
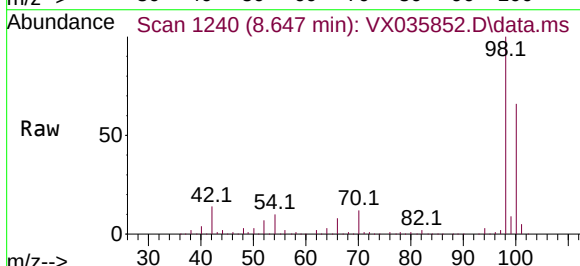
Delta R.T. -0.000 min

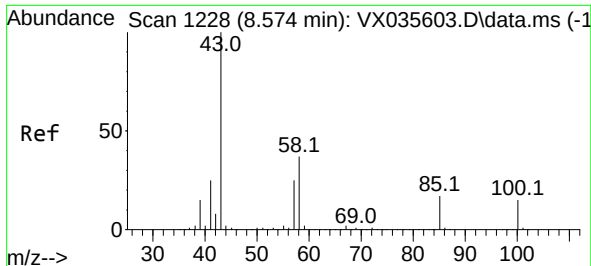
Lab File: VX035852.D

Acq: 25 May 2023 13:38

Tgt Ion: 98 Resp: 378894

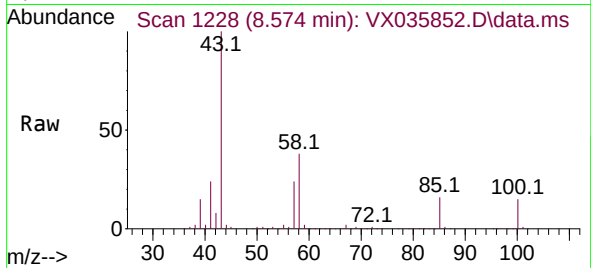
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 288.892 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

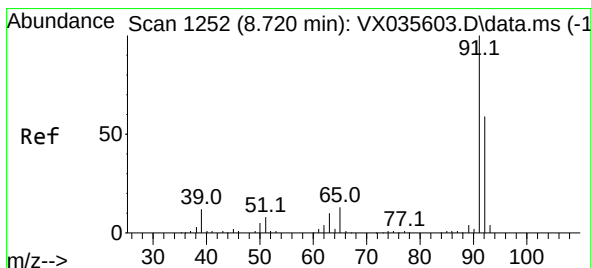
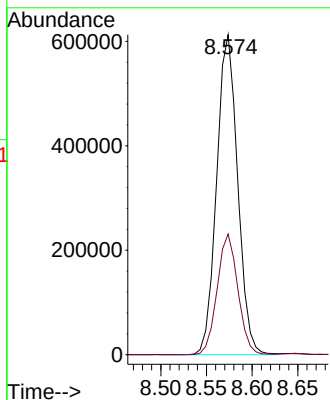
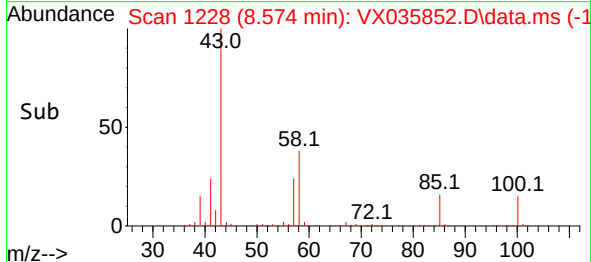
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



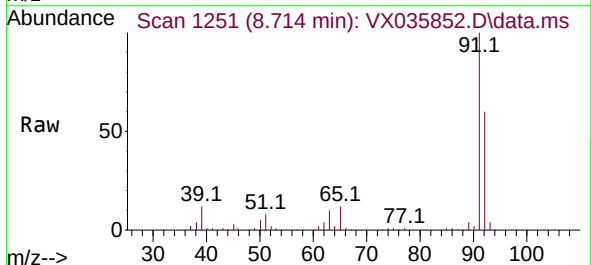
Tgt Ion: 43 Resp: 979410
Ion Ratio Lower Upper
43 100
58 37.2 30.6 46.0

Manual Integrations
APPROVED

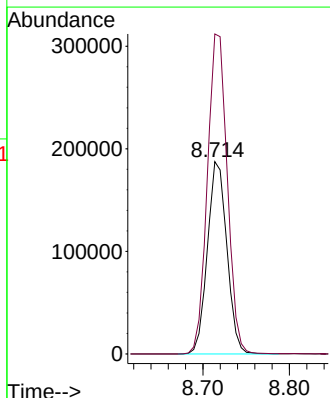
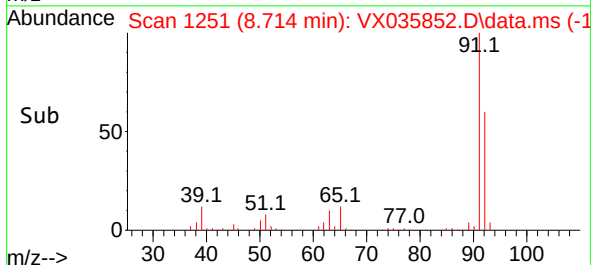
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

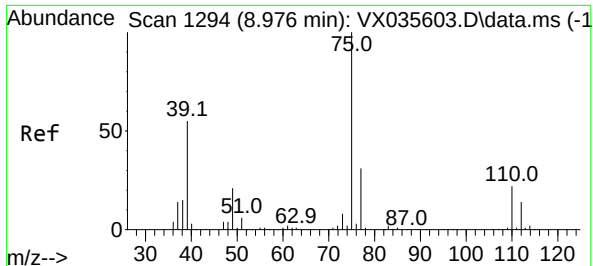


#52
Toluene
Concen: 51.248 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38



Tgt Ion: 92 Resp: 292806
Ion Ratio Lower Upper
92 100
91 170.4 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 52.195 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 179854

Ion Ratio Lower Upper

75 100

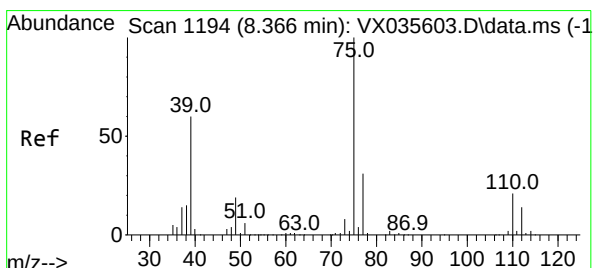
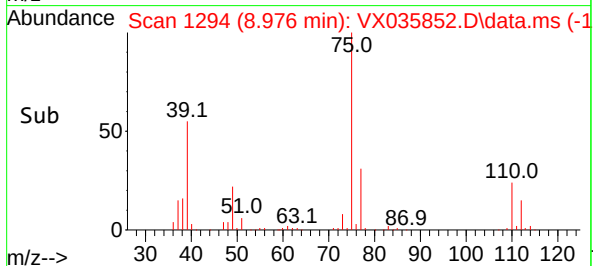
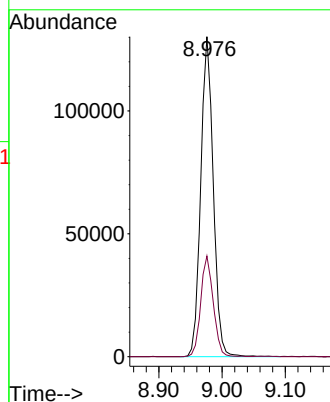
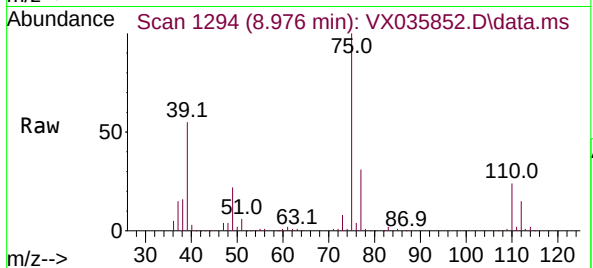
77 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#54

cis-1,3-Dichloropropene

Concen: 53.468 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

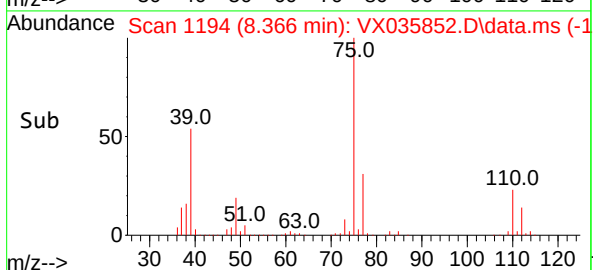
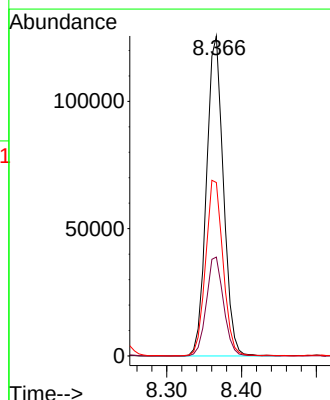
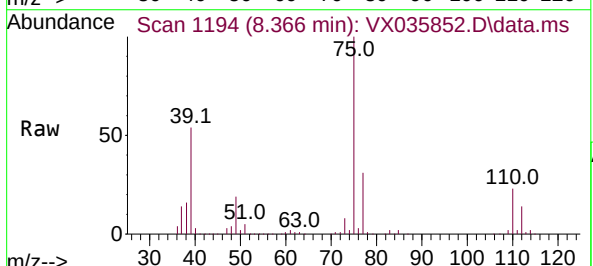
Tgt Ion: 75 Resp: 197398

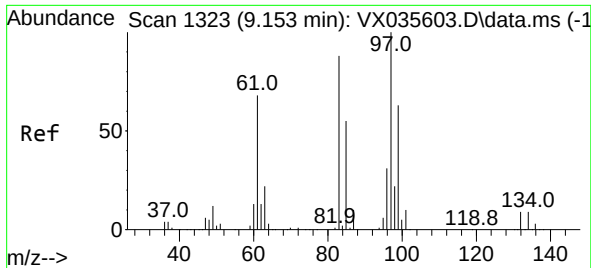
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

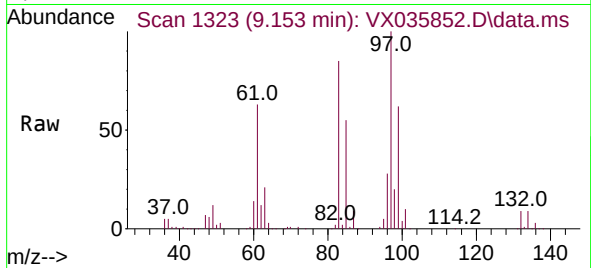
39 54.1 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 55.905 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

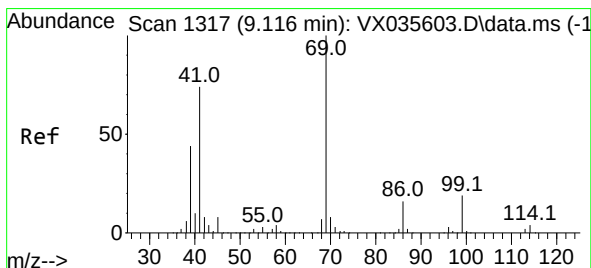
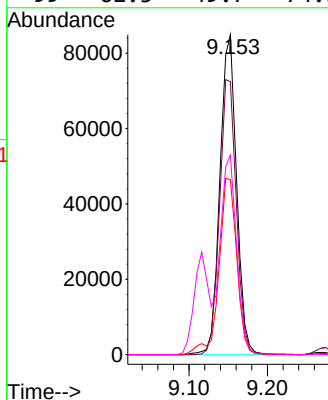
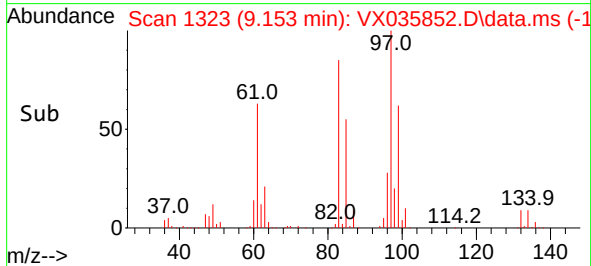
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



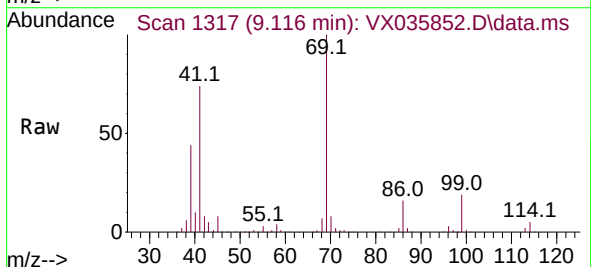
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.7	104.5
85	54.7	43.7	65.5
99	62.3	49.7	74.5

Manual Integrations
APPROVED

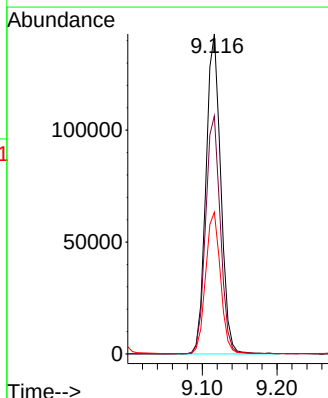
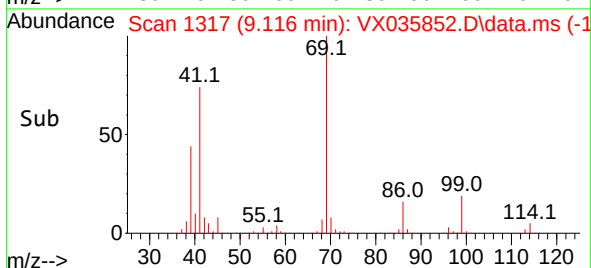
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

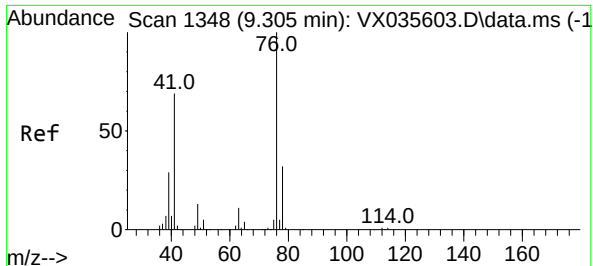


#56
Ethyl methacrylate
Concen: 54.075 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38



Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.4	57.4	86.0
39	44.8	33.7	50.5





#57

1,3-Dichloropropane

Concen: 53.779 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 218779

Ion Ratio Lower Upper

76 100

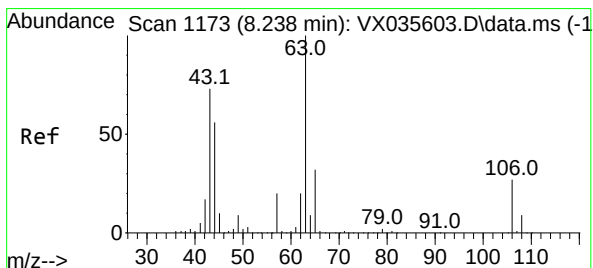
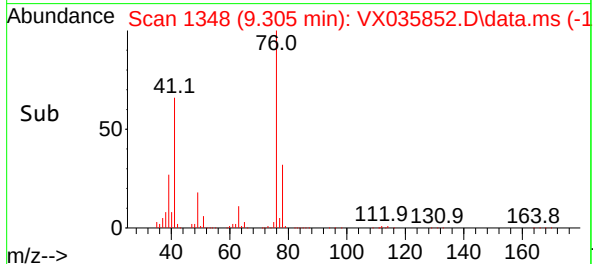
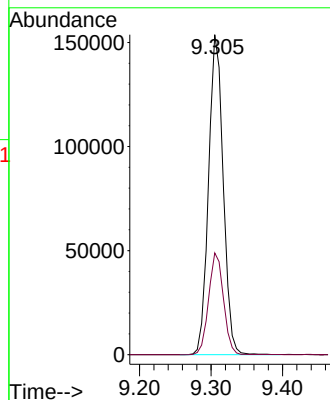
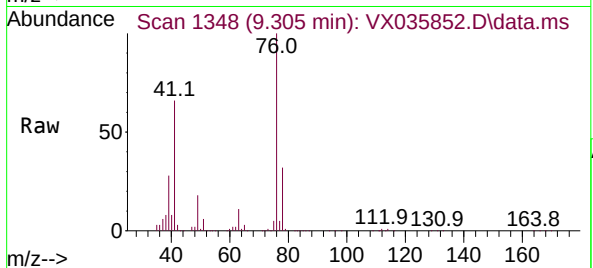
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 253.598 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035852.D

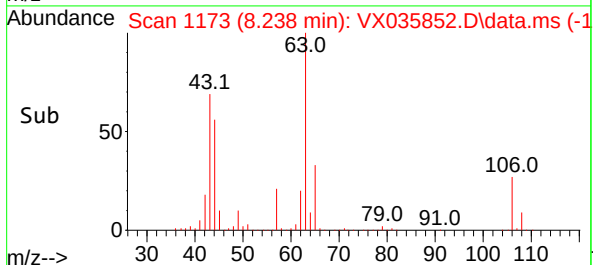
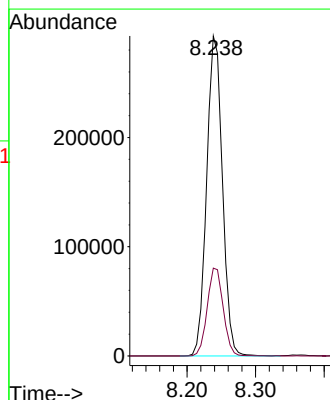
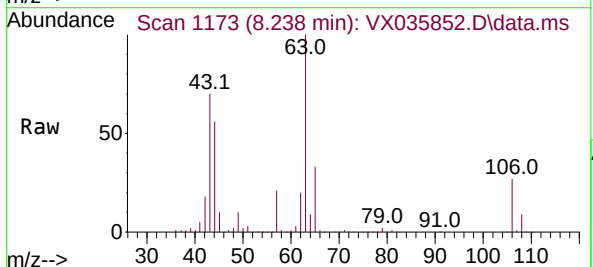
Acq: 25 May 2023 13:38

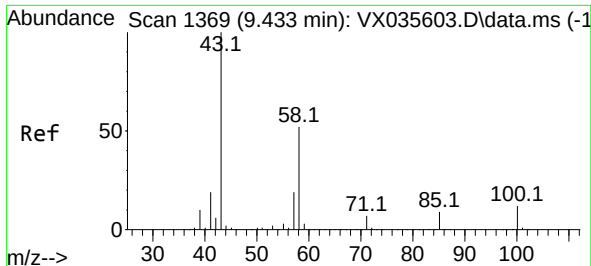
Tgt Ion: 63 Resp: 468834

Ion Ratio Lower Upper

63 100

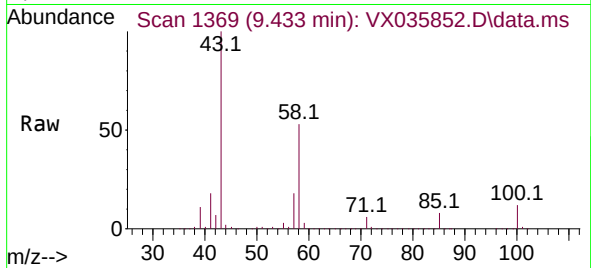
106 27.8 22.2 33.2





#59
2-Hexanone
Concen: 289.806 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

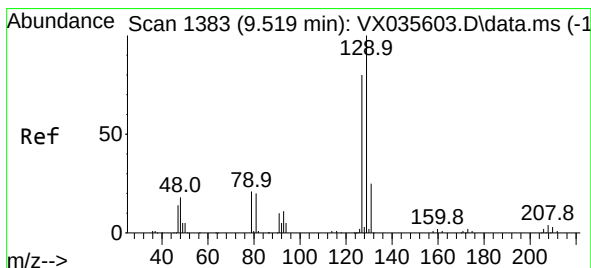
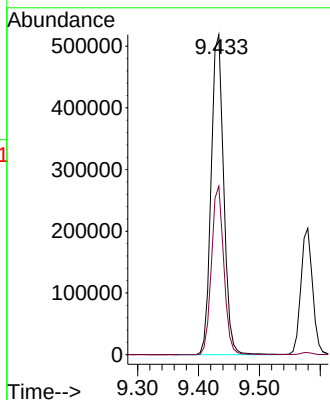
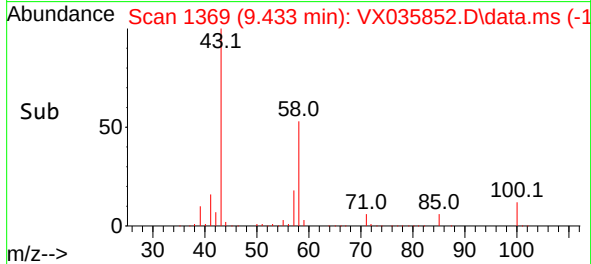
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 739928
Ion Ratio Lower Upper
43 100
58 51.9 26.3 78.9

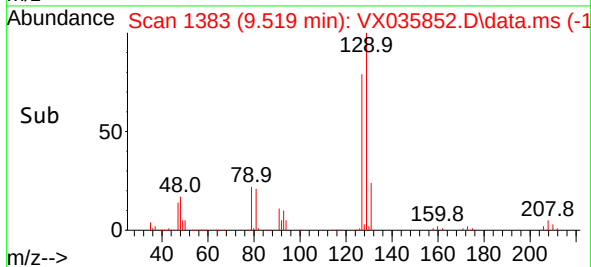
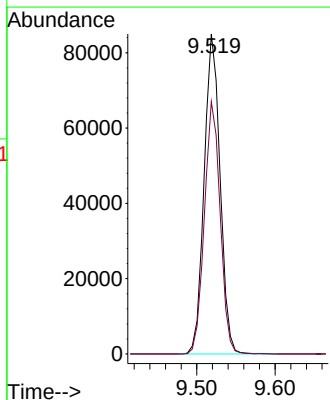
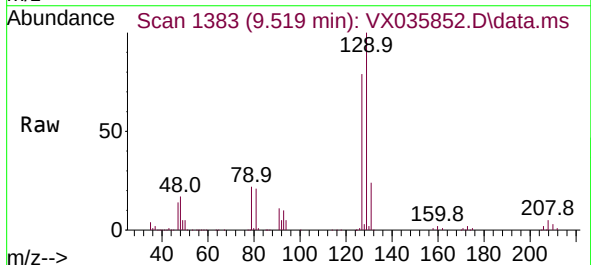
Manual Integrations
APPROVED

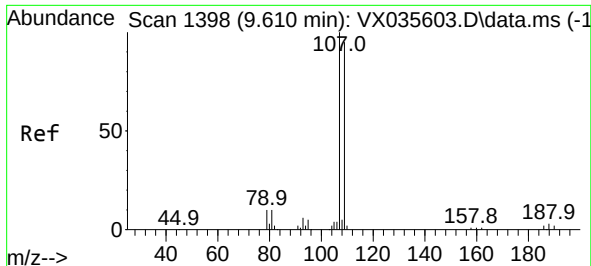
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#60
Dibromochloromethane
Concen: 55.980 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion:129 Resp: 119748
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0





#61
1,2-Dibromoethane
Concen: 55.722 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

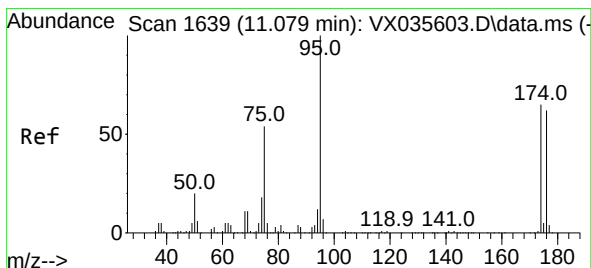
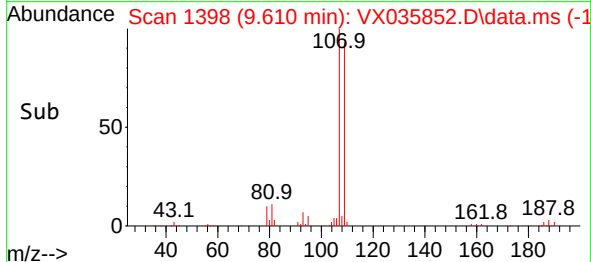
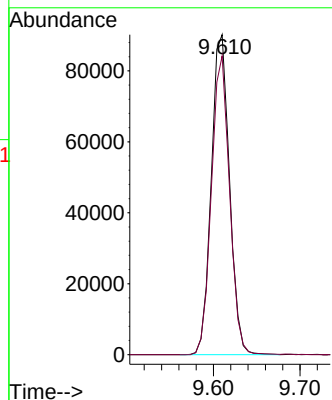
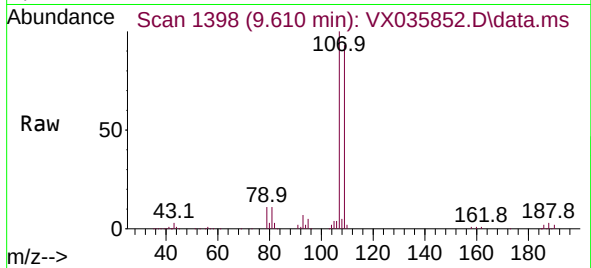
VSTDCCC050

Tgt Ion:107 Resp: 131740
Ion Ratio Lower Upper
107 100
109 93.2 75.3 112.9

Manual Integrations

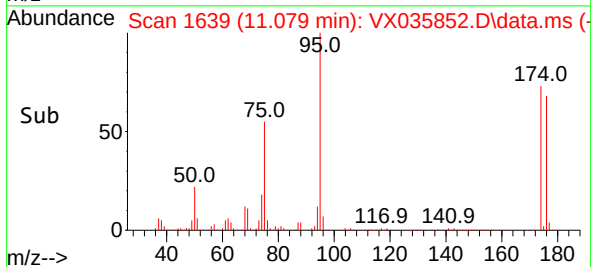
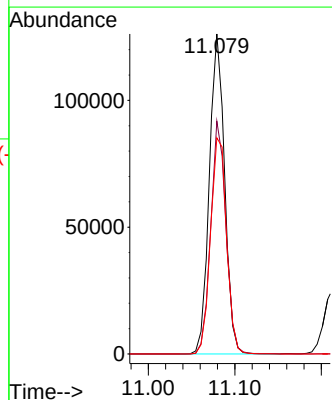
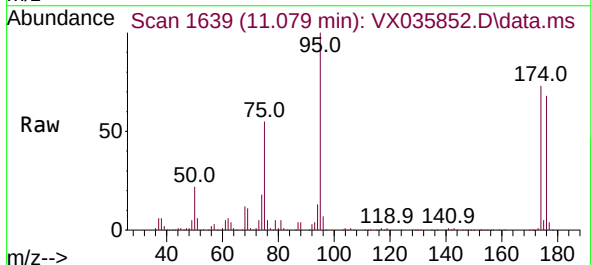
APPROVED

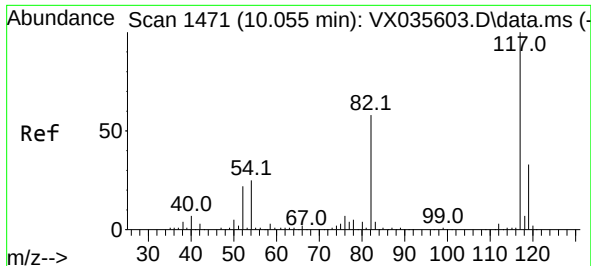
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#62
4-Bromofluorobenzene
Concen: 50.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

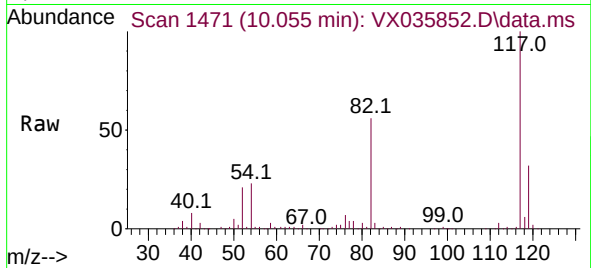
Tgt Ion: 95 Resp: 154452
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.4
176 70.9 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

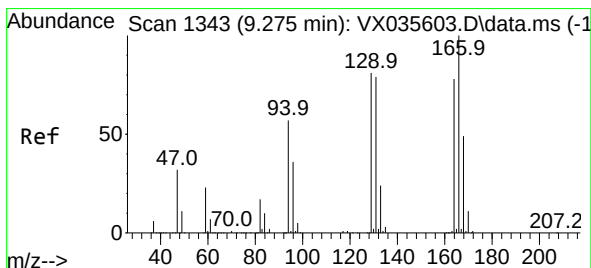
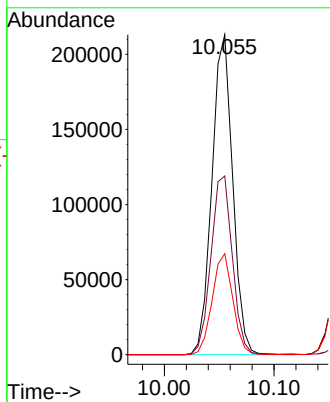
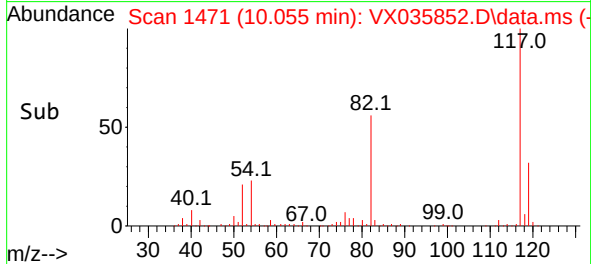
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



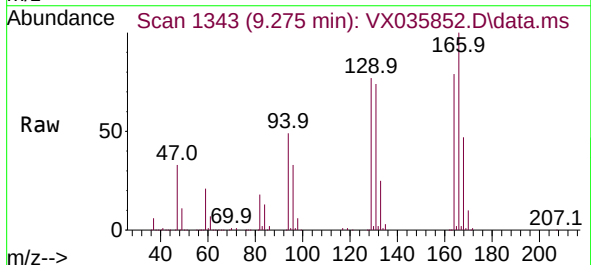
Tgt Ion:117 Resp: 28012
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 31.6 26.0 39.0

Manual Integrations
APPROVED

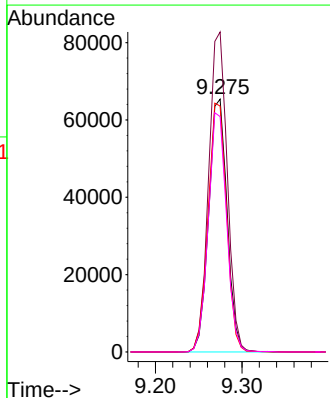
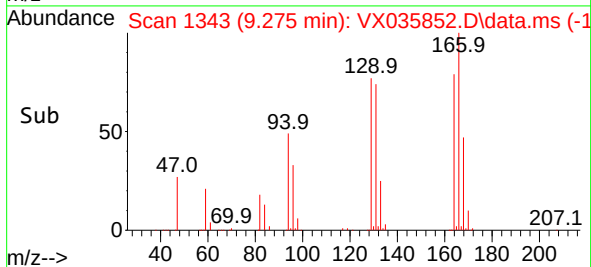
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

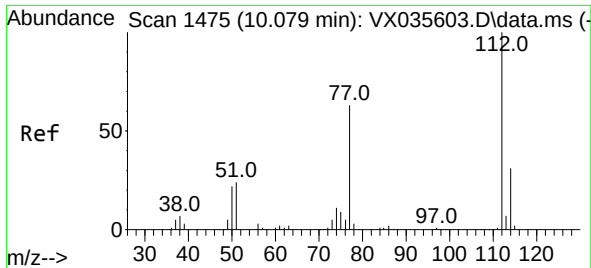


#64
Tetrachloroethene
Concen: 51.111 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38



Tgt Ion:164 Resp: 96391
Ion Ratio Lower Upper
164 100
166 126.6 102.7 154.1
129 97.3 75.6 113.4
131 93.1 73.7 110.5





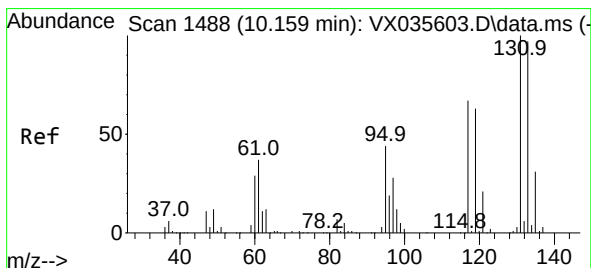
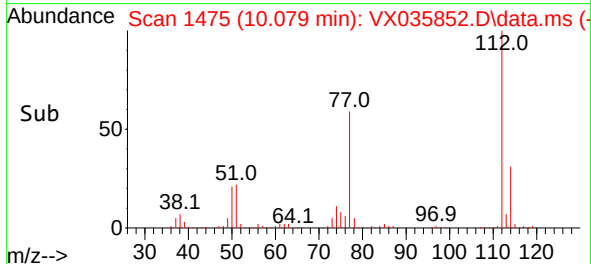
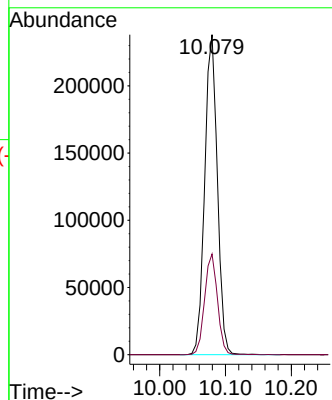
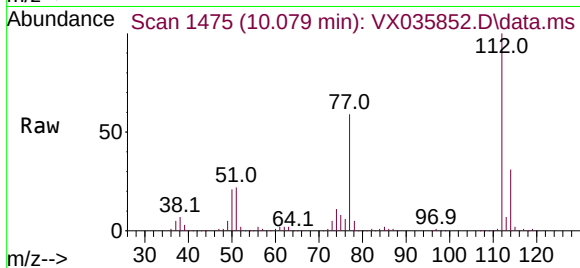
#65
Chlorobenzene
Concen: 52.026 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 31813
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

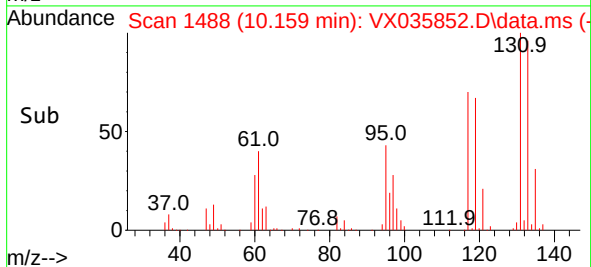
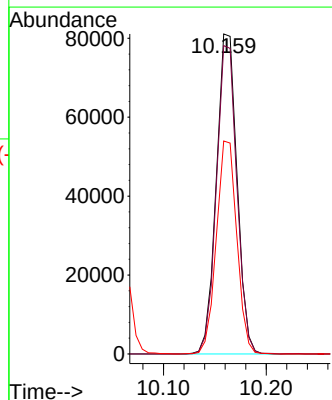
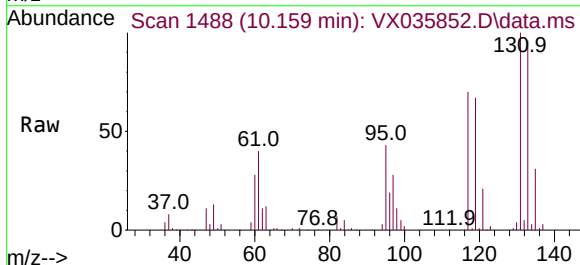
Manual Integrations
APPROVED

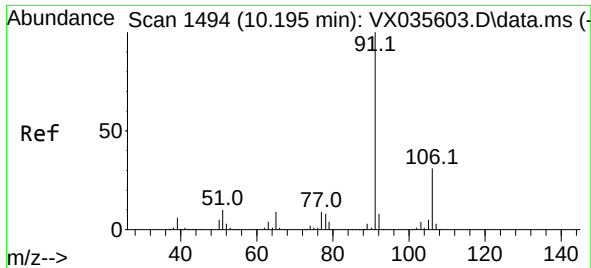
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.316 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

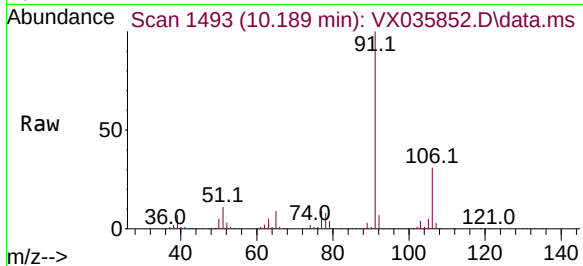
Tgt Ion:131 Resp: 113116
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 65.8 32.6 98.0





#67
Ethyl Benzene
Concen: 49.163 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

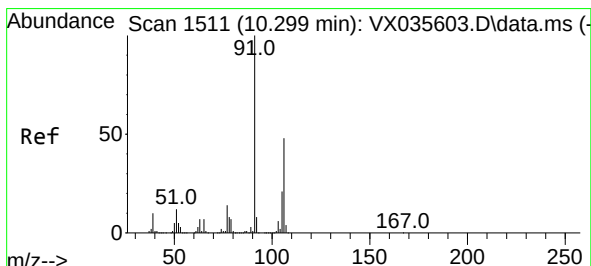
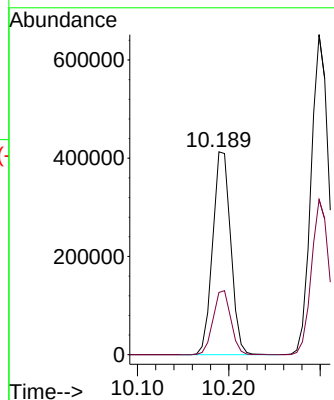
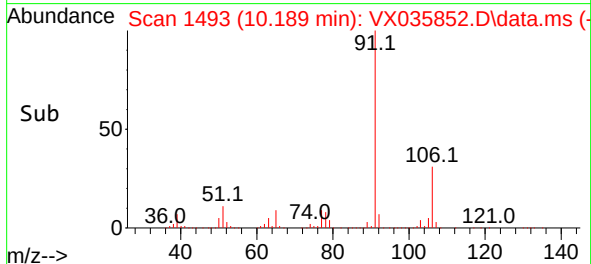
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 565398
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

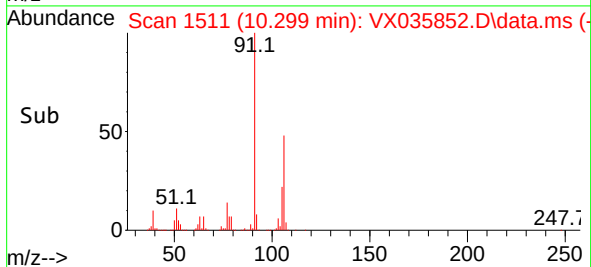
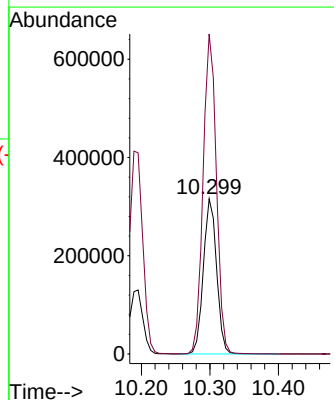
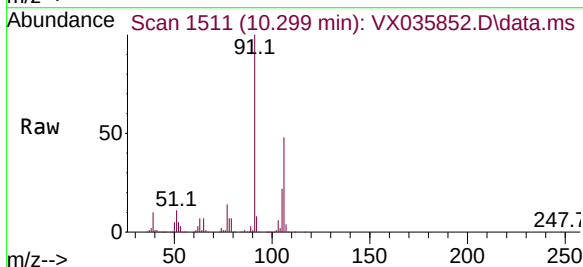
Manual Integrations
APPROVED

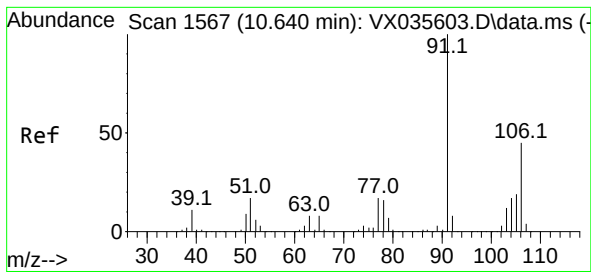
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#68
m/p-Xylenes
Concen: 99.984 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion:106 Resp: 425028
Ion Ratio Lower Upper
106 100
91 207.0 164.0 246.0





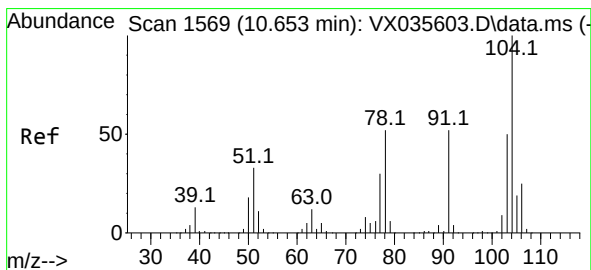
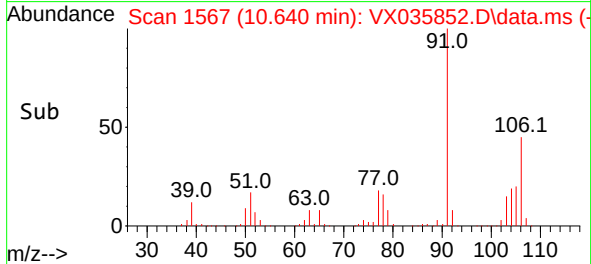
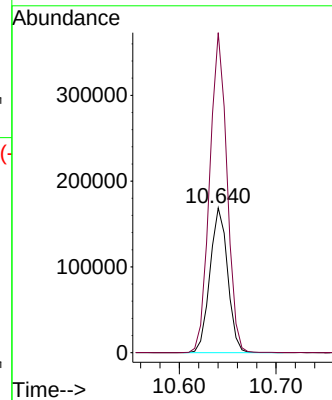
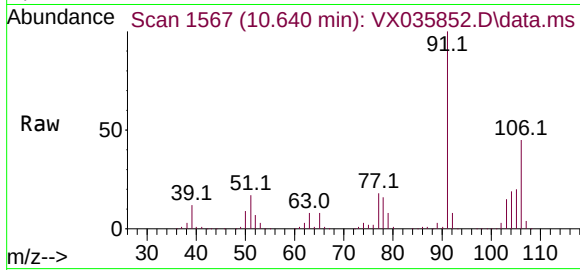
#69
o-Xylene
Concen: 51.068 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 215410
Ion Ratio Lower Upper
106 100
91 216.0 108.5 325.3

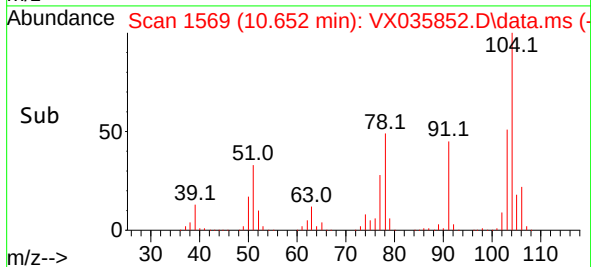
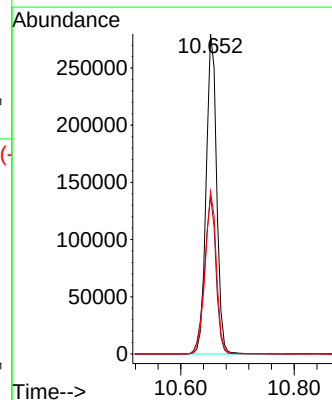
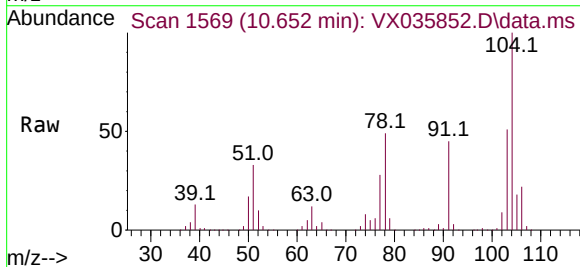
Manual Integrations
APPROVED

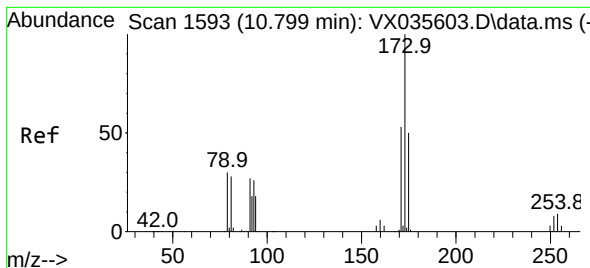
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#70
Styrene
Concen: 52.943 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion:104 Resp: 359929
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.2
103 55.1 44.2 66.2





#71

Bromoform

Concen: 56.246 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

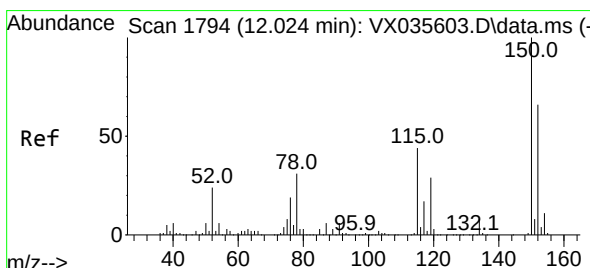
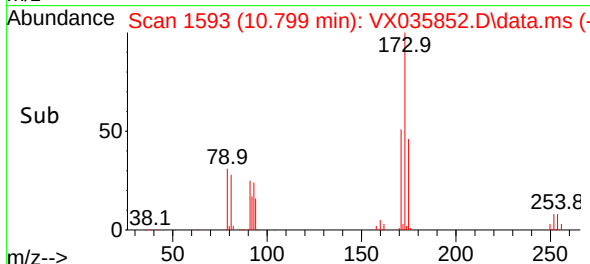
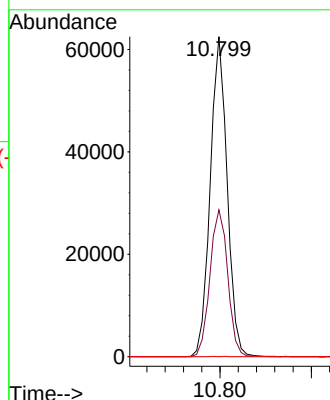
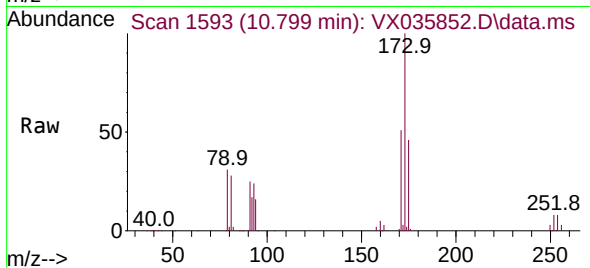
Tgt Ion:173	Resp:	8001
Ion Ratio	Lower	Upper
173	100	
175	48.3	24.1 72.4
254	0.1	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

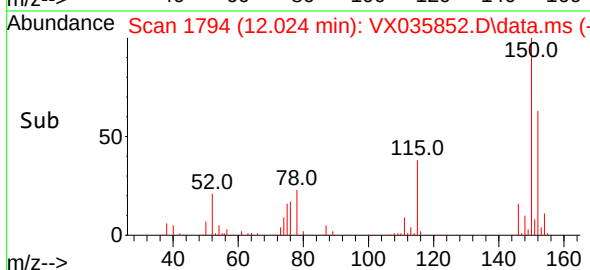
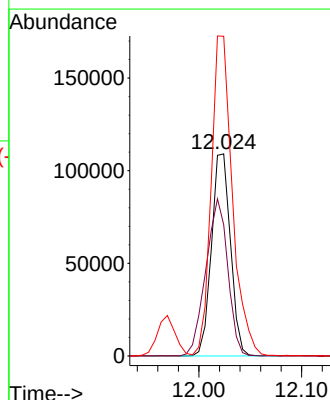
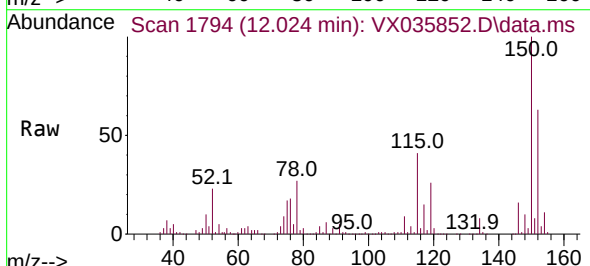
RT: 12.024 min Scan# 1794

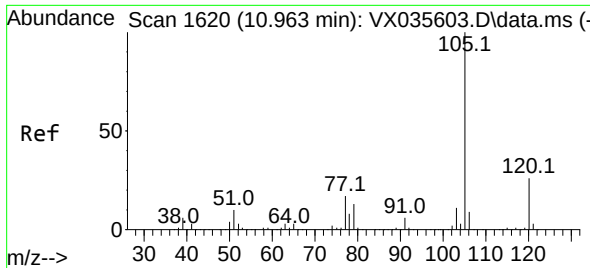
Delta R.T. 0.000 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

Tgt Ion:152	Resp:	139953
Ion Ratio	Lower	Upper
152	100	
115	89.8	45.0 135.0
150	176.4	0.0 352.4





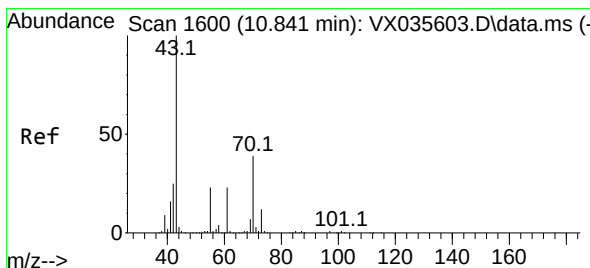
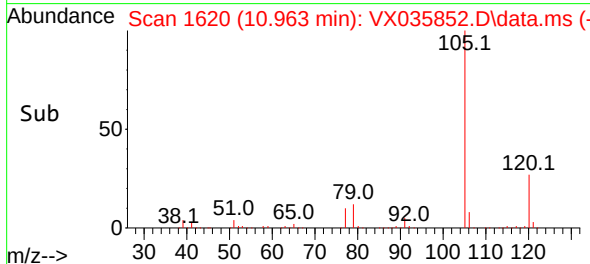
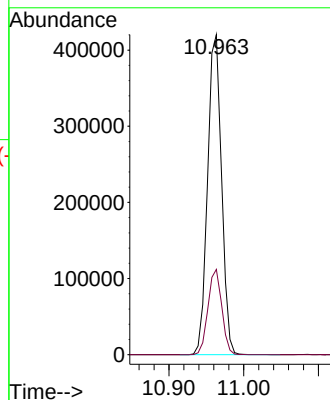
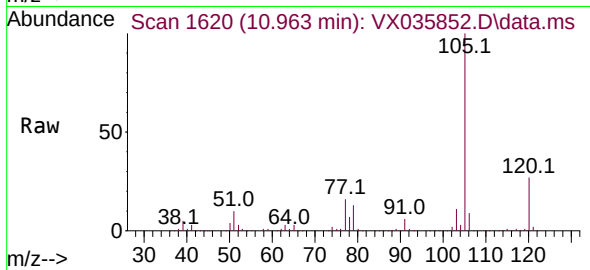
#73
Isopropylbenzene
Concen: 46.197 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 54481
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

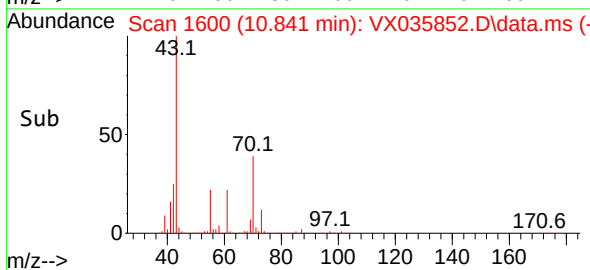
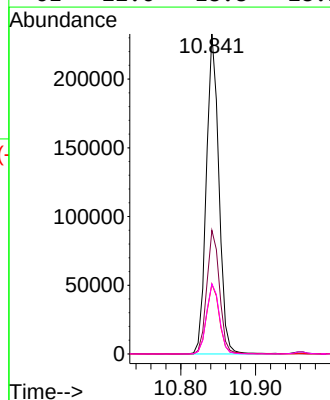
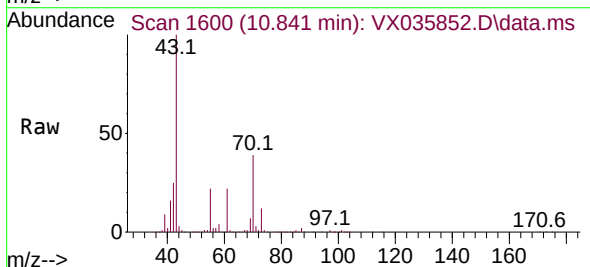
Manual Integrations
APPROVED

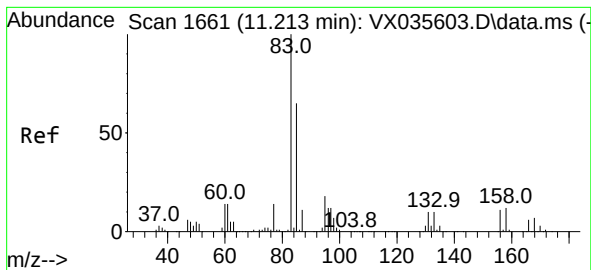
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#74
N-ethyl acetate
Concen: 49.301 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion: 43 Resp: 271087
Ion Ratio Lower Upper
43 100
70 39.2 32.1 48.1
55 22.3 18.3 27.5
61 22.6 18.8 28.2





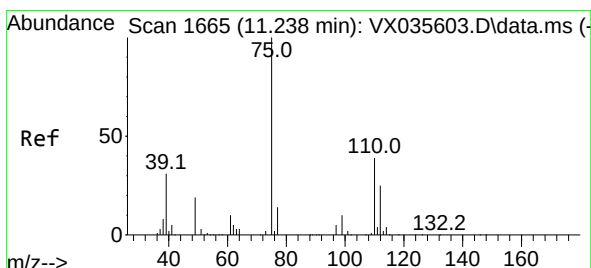
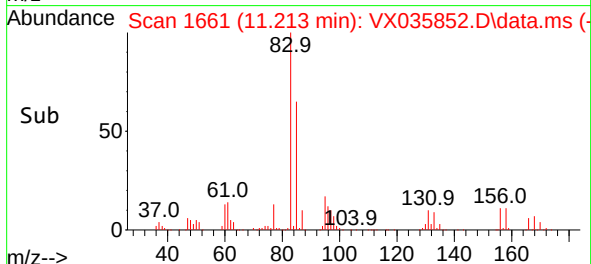
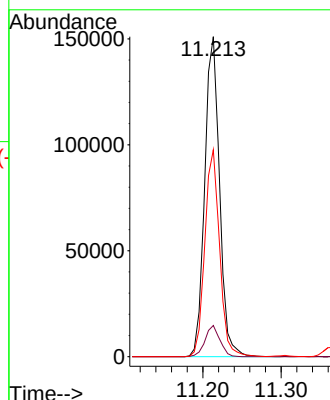
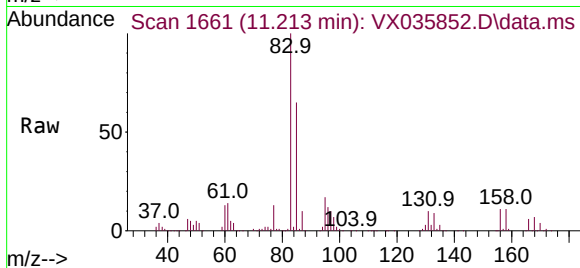
#75
1,1,2,2-Tetrachloroethane
Concen: 51.862 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 19840
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 64.5 32.0 96.0

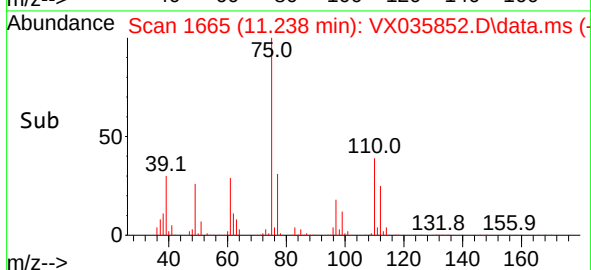
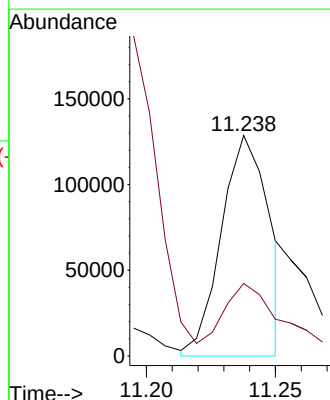
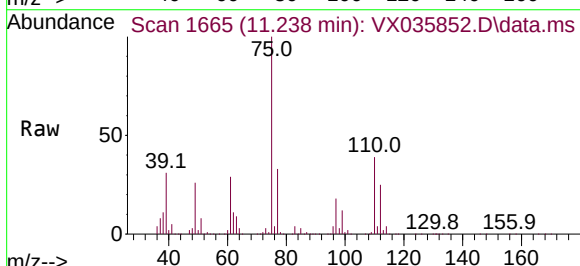
Manual Integrations
APPROVED

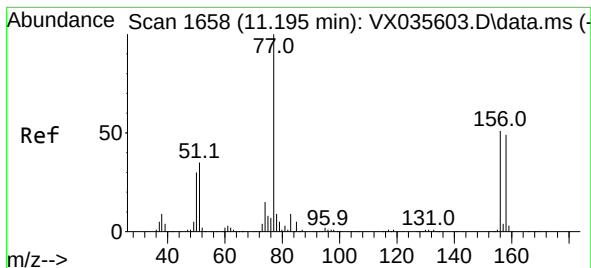
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#76
1,2,3-Trichloropropane
Concen: 48.297 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion: 75 Resp: 165336
Ion Ratio Lower Upper
75 100
77 41.9 21.6 64.8





#77

Bromobenzene

Concen: 50.688 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 135679

Ion Ratio Lower Upper

156 100

77 172.2 86.7 259.9

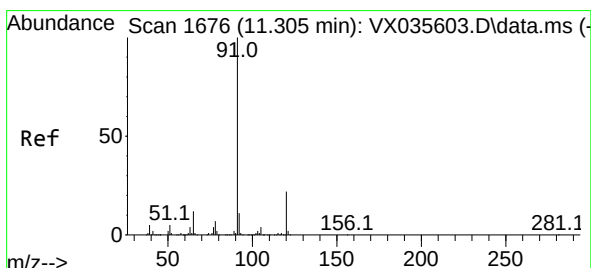
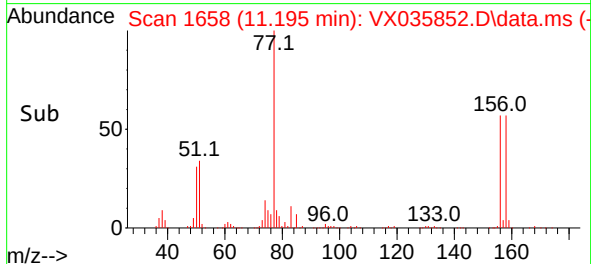
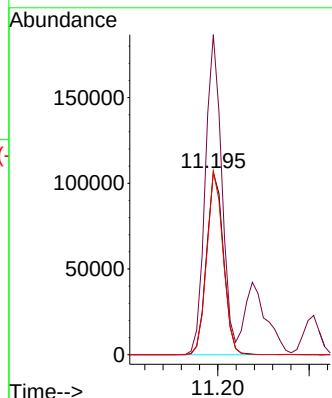
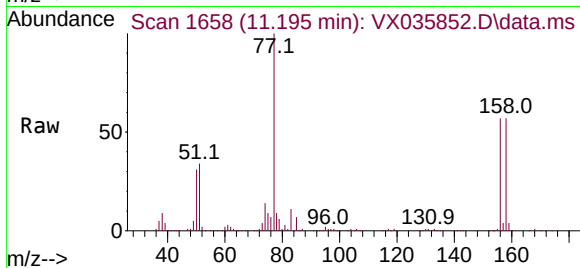
158 97.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#78

n-propylbenzene

Concen: 47.229 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035852.D

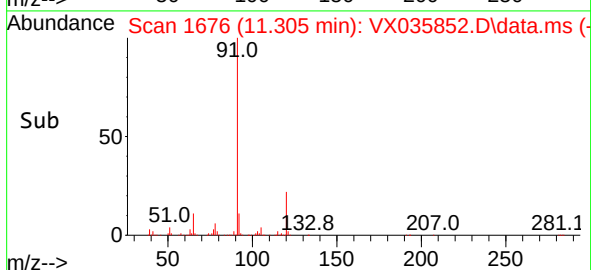
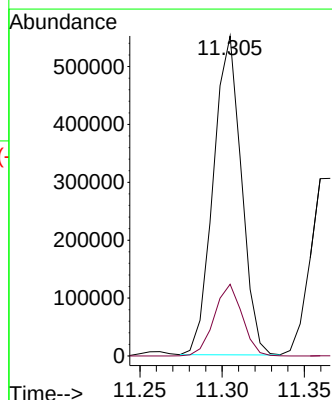
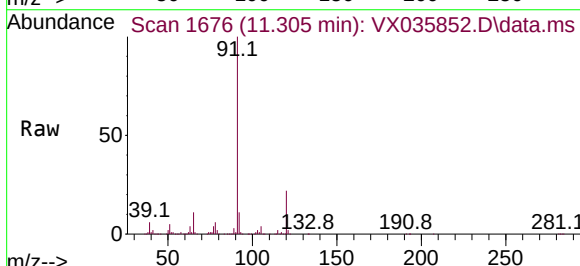
Acq: 25 May 2023 13:38

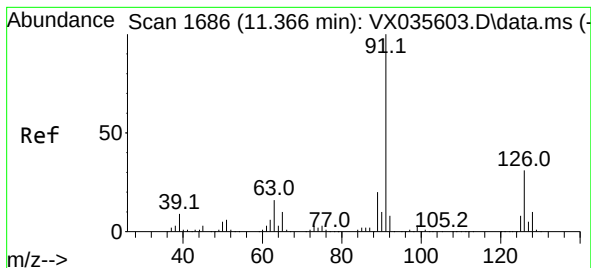
Tgt Ion: 91 Resp: 654738

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.5





#79
2-Chlorotoluene
Concen: 46.122 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

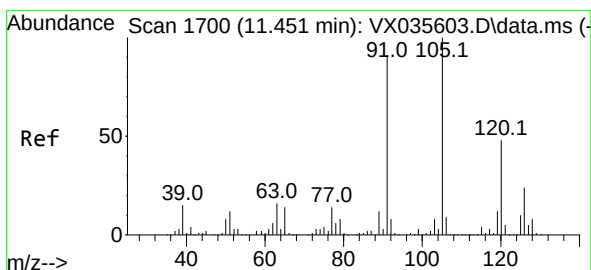
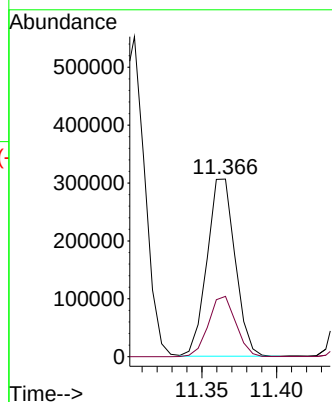
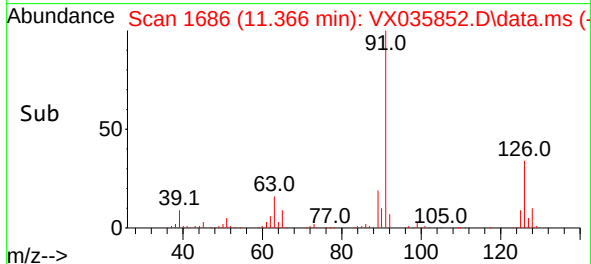
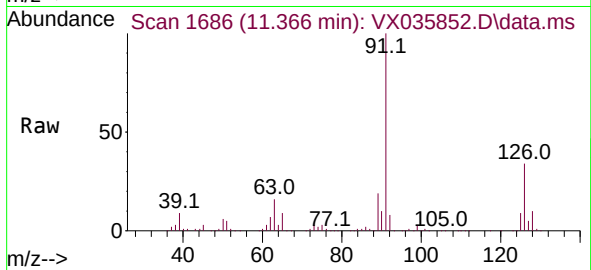
VSTDCCC050

Tgt Ion: 91 Resp: 400310
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.9

Manual Integrations

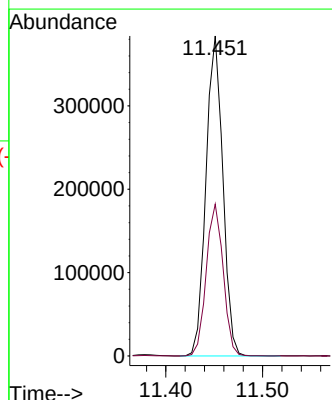
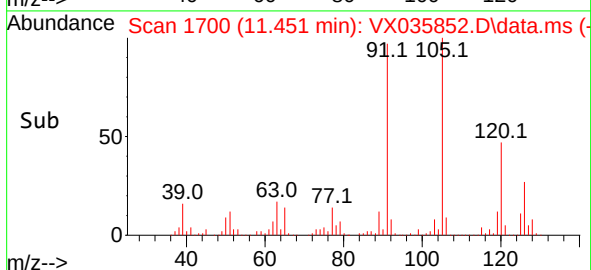
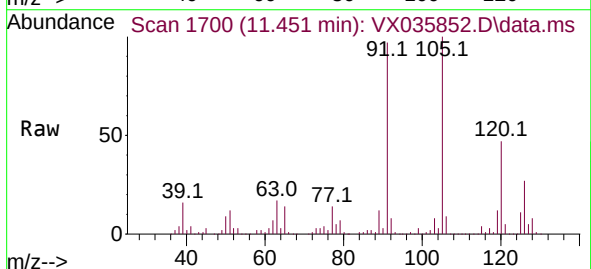
APPROVED

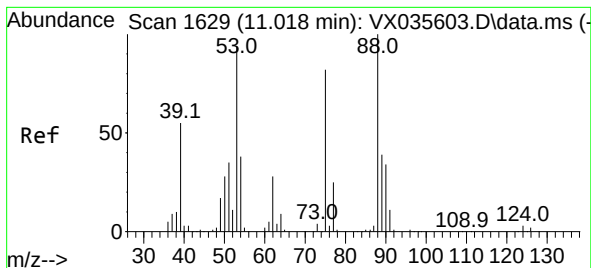
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.366 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion:105 Resp: 464742
Ion Ratio Lower Upper
105 100
120 47.8 23.7 71.1





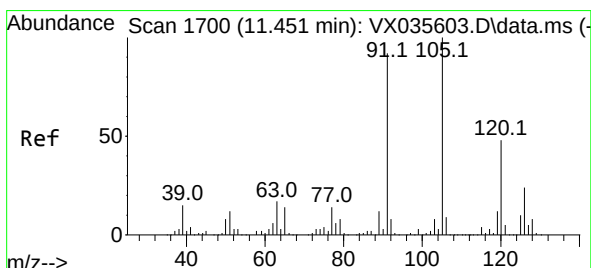
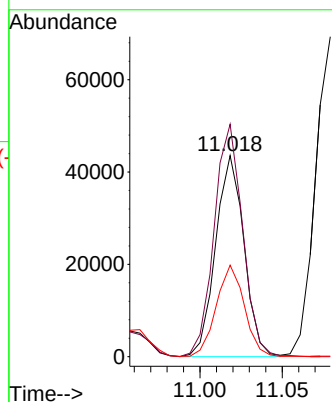
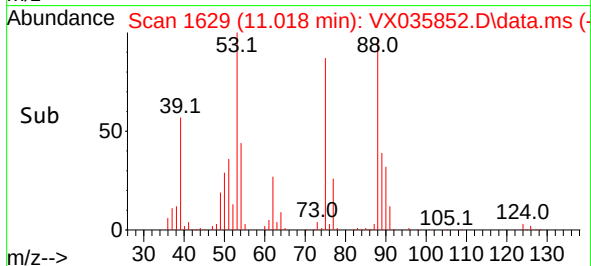
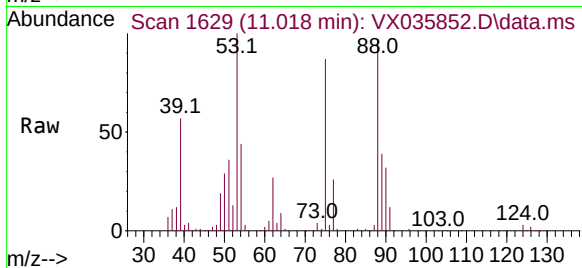
#81
trans-1,4-Dichloro-2-butene
Concen: 49.235 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5229
Ion Ratio Lower Upper
75 100
53 115.9 82.6 124.0
89 45.2 36.9 55.3

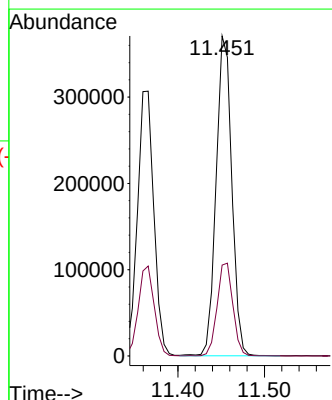
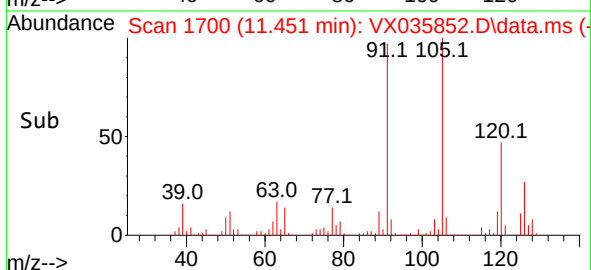
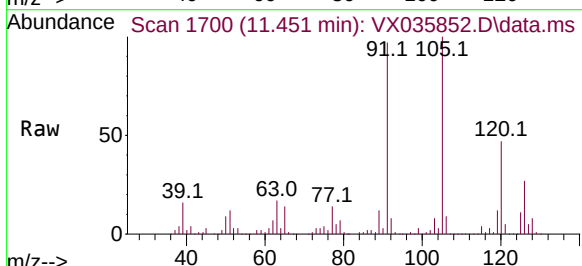
Manual Integrations
APPROVED

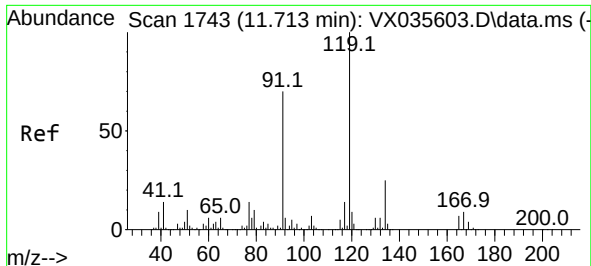
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#82
4-Chlorotoluene
Concen: 46.623 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion: 91 Resp: 466028
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





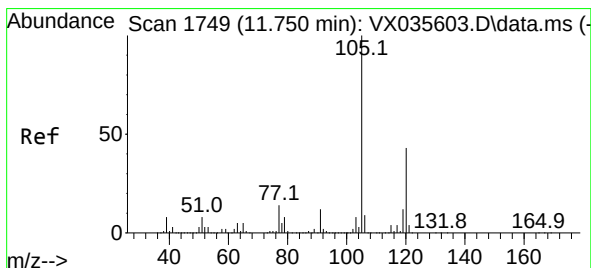
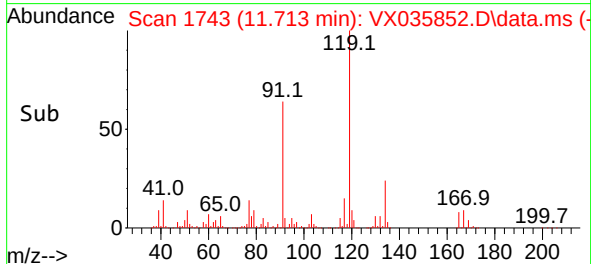
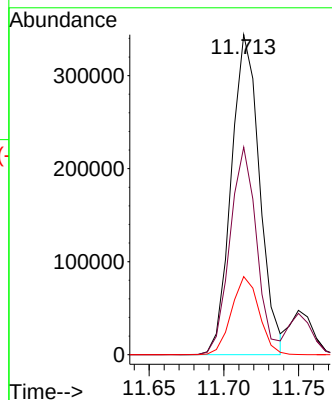
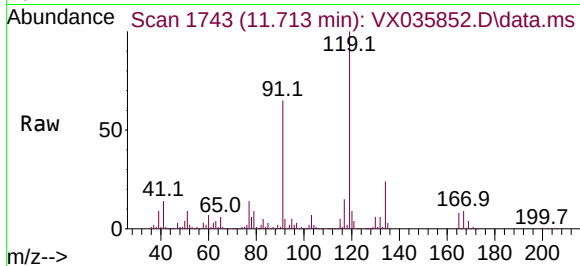
#83
tert-Butylbenzene
Concen: 46.539 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 45343
Ion Ratio Lower Upper
119 100
91 61.5 30.6 92.0
134 23.7 11.8 35.4

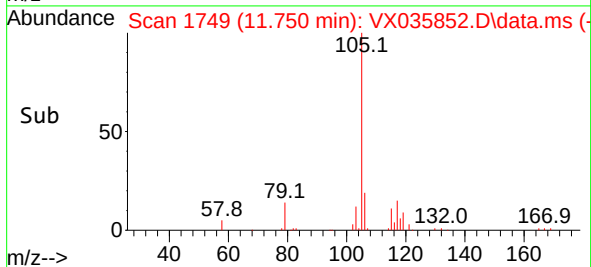
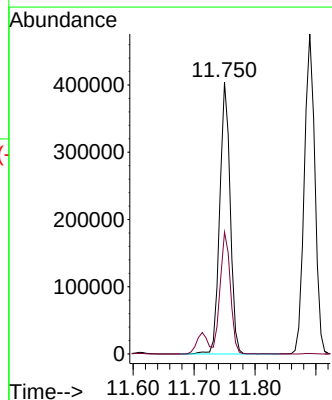
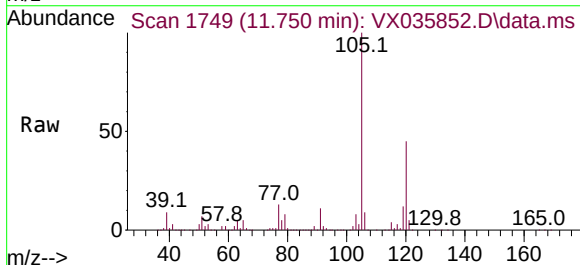
Manual Integrations
APPROVED

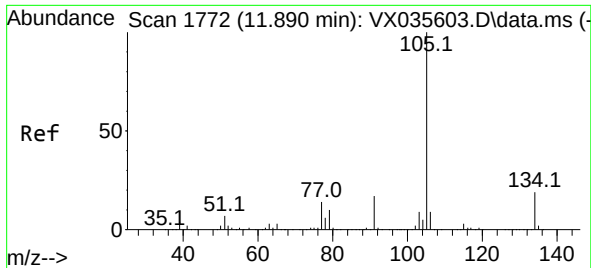
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#84
1,2,4-Trimethylbenzene
Concen: 47.782 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

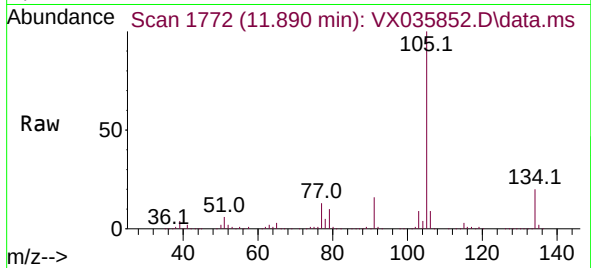
Tgt Ion:105 Resp: 480892
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 46.811 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035852.D
 Acq: 25 May 2023 13:38

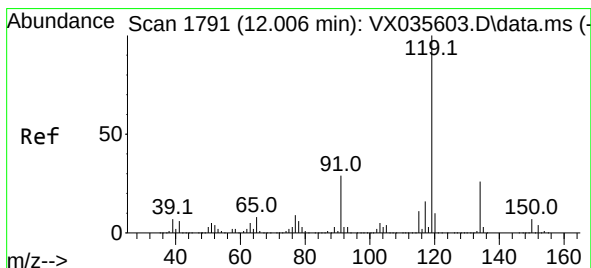
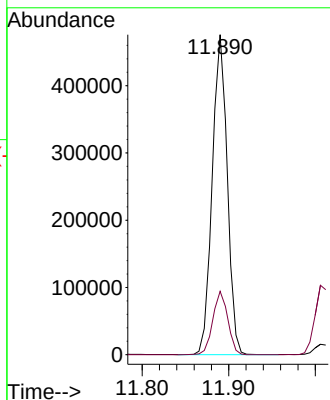
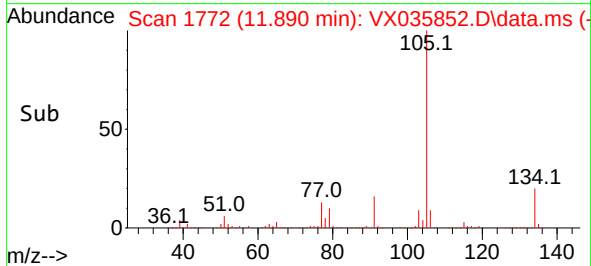
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



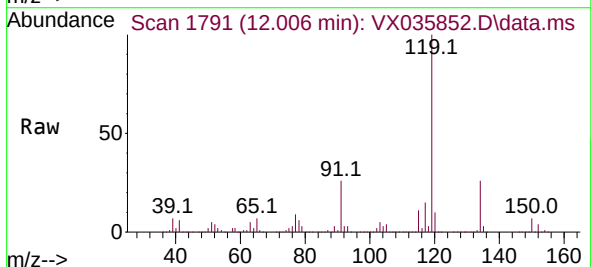
Tgt Ion:105 Resp: 572639
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4

Manual Integrations
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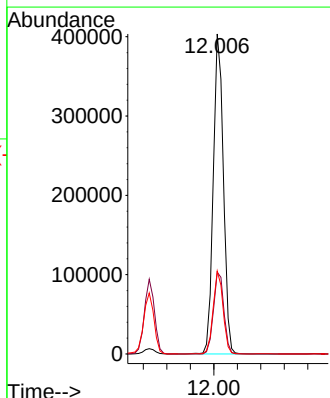
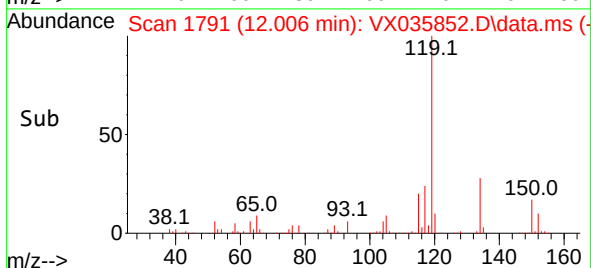
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

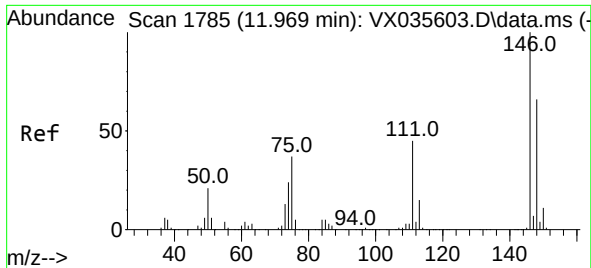


#86
 p-Isopropyltoluene
 Concen: 47.944 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035852.D
 Acq: 25 May 2023 13:38



Tgt Ion:119 Resp: 482181
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 25.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 51.643 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 262599

Ion Ratio Lower Upper

146 100

111 41.7 20.9 62.8

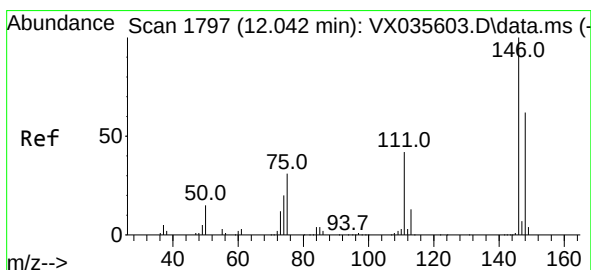
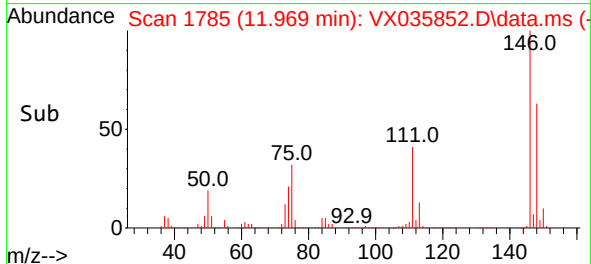
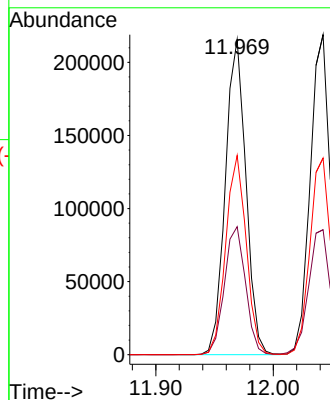
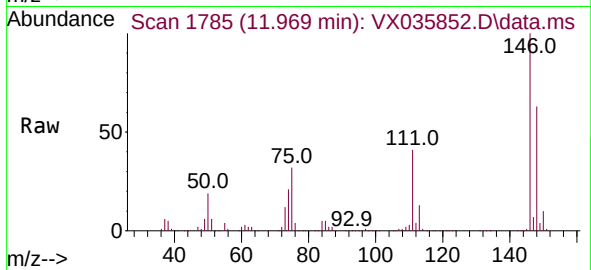
148 63.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#88

1,4-Dichlorobenzene

Concen: 51.383 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035852.D

Acq: 25 May 2023 13:38

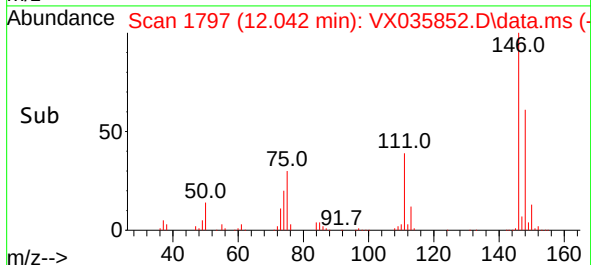
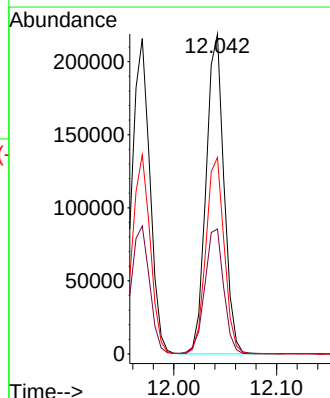
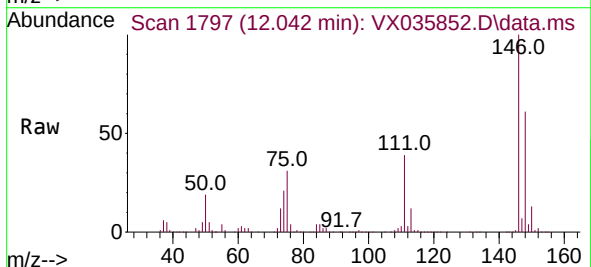
Tgt Ion:146 Resp: 263835

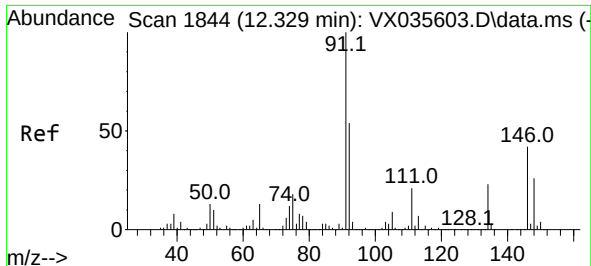
Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.9

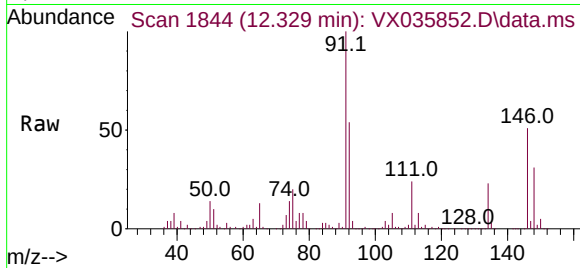
148 63.2 31.8 95.4





#89
n-Butylbenzene
Concen: 47.493 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

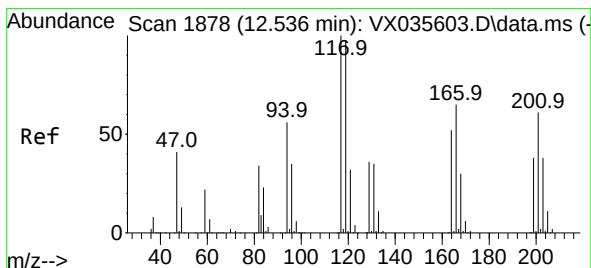
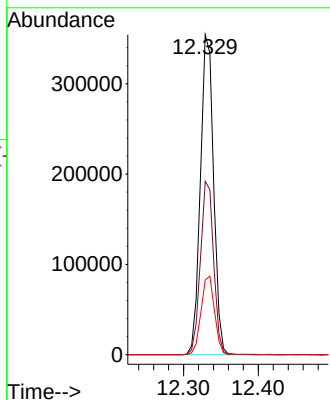
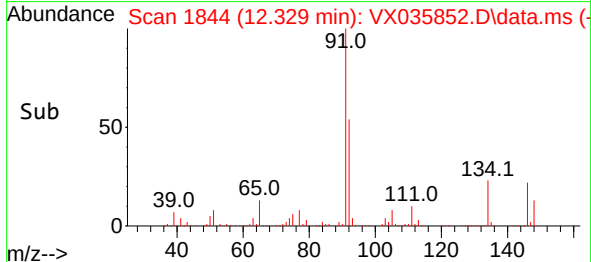
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 434502
Ion Ratio Lower Upper
91 100
92 54.2 27.7 83.0
134 25.0 13.0 38.9

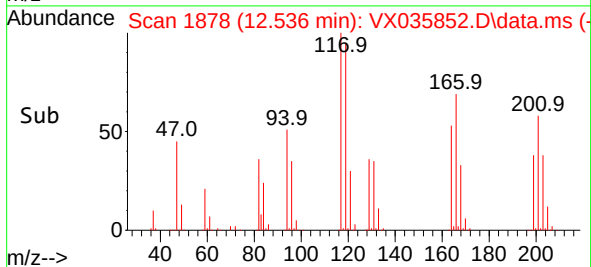
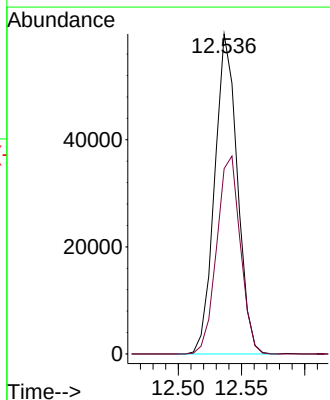
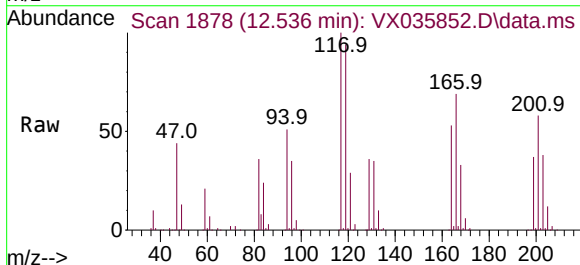
Manual Integrations
APPROVED

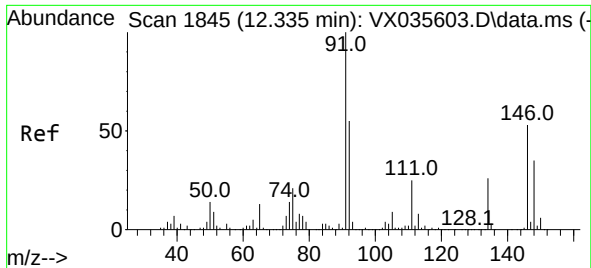
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#90
Hexachloroethane
Concen: 48.840 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

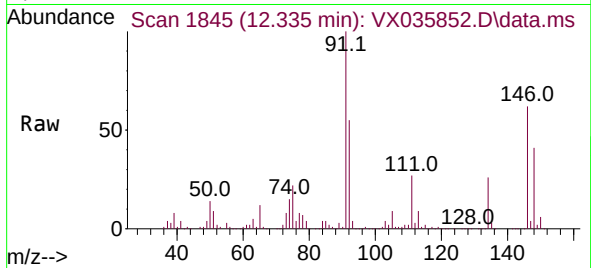
Tgt Ion:117 Resp: 74449
Ion Ratio Lower Upper
117 100
201 64.4 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 50.989 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

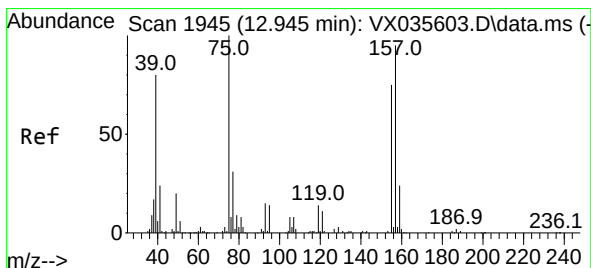
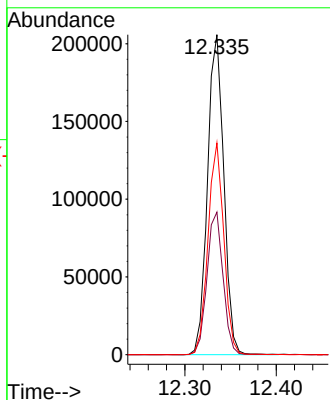
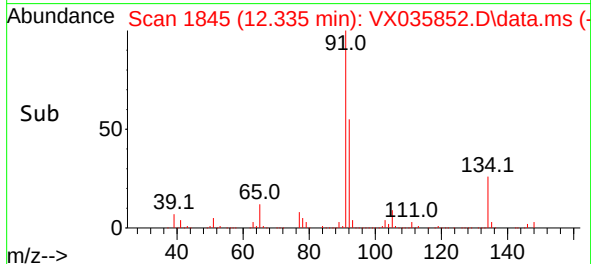
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



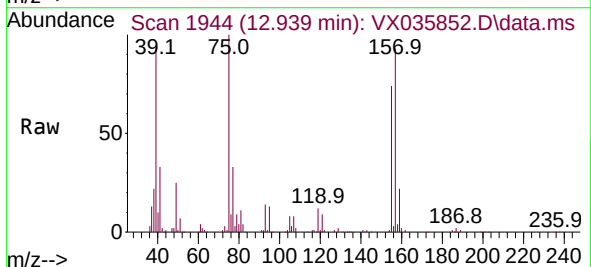
Tgt Ion:146 Resp: 25389
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 64.1 32.0 96.0

Manual Integrations
APPROVED

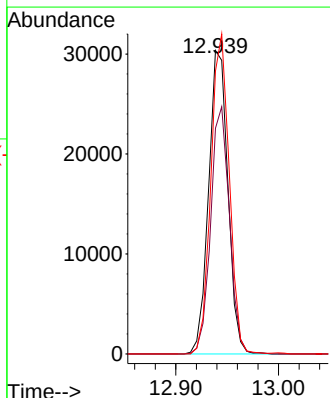
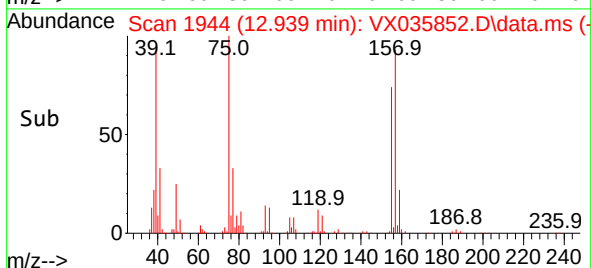
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

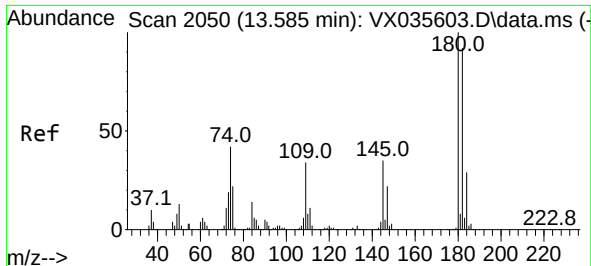


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.467 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38



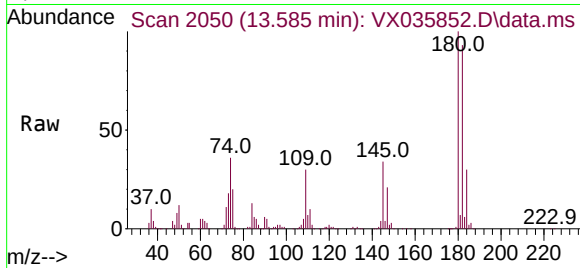
Tgt Ion: 75 Resp: 39585
Ion Ratio Lower Upper
75 100
155 79.0 38.4 115.1
157 100.2 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 53.280 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

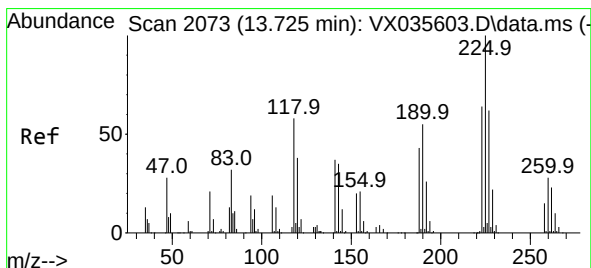
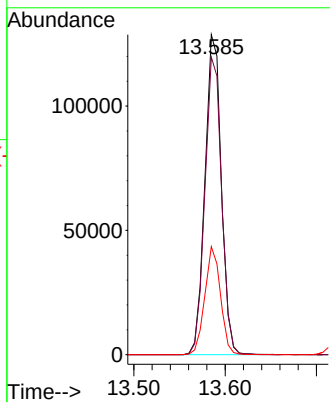
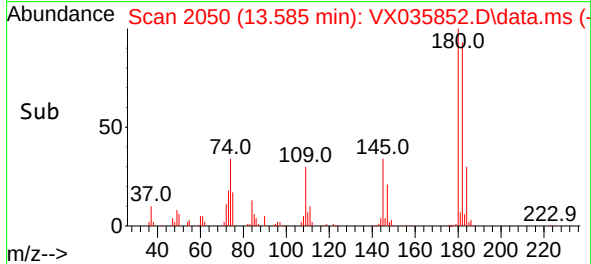
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



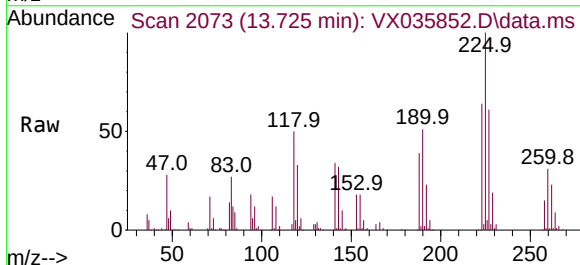
Tgt Ion:180 Resp: 159744
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 32.3 15.9 47.7

Manual Integrations
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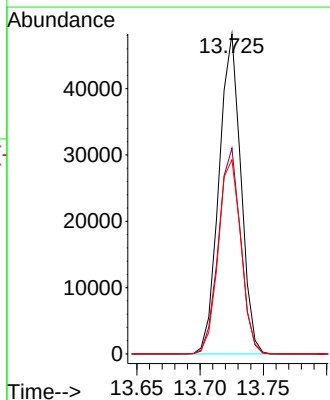
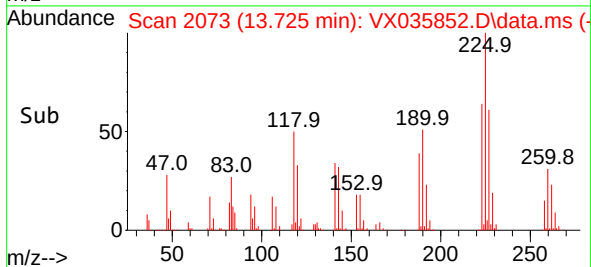
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

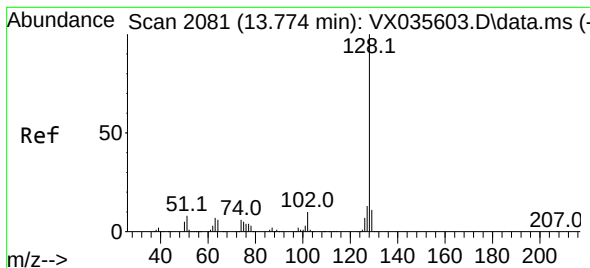


#94
Hexachlorobutadiene
Concen: 48.621 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38



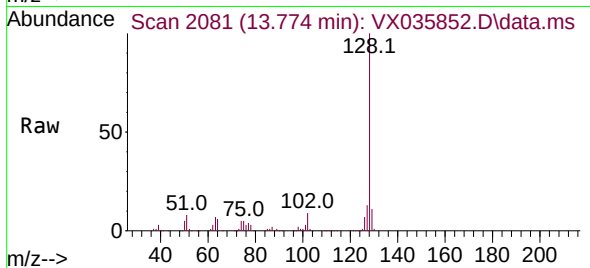
Tgt Ion:225 Resp: 57861
Ion Ratio Lower Upper
225 100
223 65.0 32.1 96.5
227 63.2 31.8 95.4





#95
Naphthalene
Concen: 53.086 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

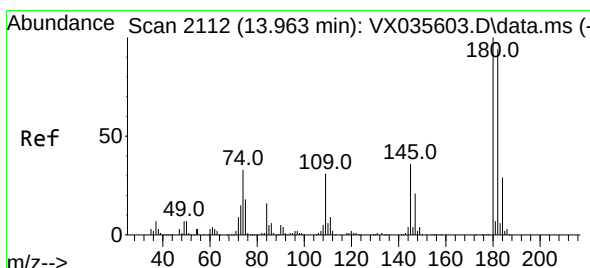
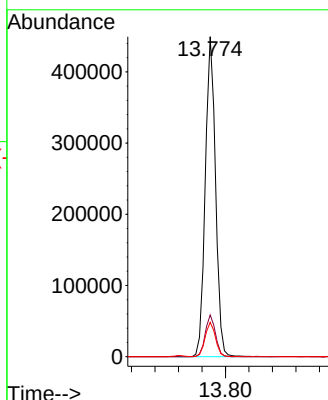
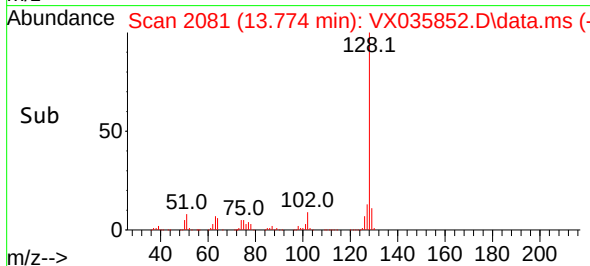
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 54506
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.069 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035852.D
Acq: 25 May 2023 13:38

Tgt Ion:180 Resp: 156486
Ion Ratio Lower Upper
180 100
182 94.6 48.0 144.2
145 35.1 17.7 53.1

