

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034133.D
 Acq On : 10 Feb 2023 22:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 11 00:43:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/13/2023
 Supervised By : Mahesh Dadoda 02/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	119631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59680	51.747	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.500%			
35) Dibromofluoromethane	5.385	113	51711	49.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.840%			
50) Toluene-d8	8.647	98	179380	47.579	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.160%			
62) 4-Bromofluorobenzene	11.079	95	66353	49.277	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	48232	49.596	ug/l	99
3) Chloromethane	1.295	50	37616	40.988	ug/l	96
4) Vinyl Chloride	1.374	62	40555	42.196	ug/l	98
5) Bromomethane	1.605	94	23102	46.679	ug/l	99
6) Chloroethane	1.685	64	23550	44.311	ug/l	100
7) Trichlorofluoromethane	1.886	101	76998	50.352	ug/l	96
8) Diethyl Ether	2.130	74	23950	45.535	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	47532	46.556	ug/l	92
10) Methyl Iodide	2.453	142	67574	46.719	ug/l	95
11) Tert butyl alcohol	2.959	59	48181	298.186	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	44443	45.373	ug/l	93
13) Acrolein	2.233	56	46778	215.844	ug/l	99
14) Allyl chloride	2.666	41	71548	44.800	ug/l	94
15) Acrylonitrile	3.063	53	120221	231.947	ug/l	99
16) Acetone	2.374	43	105544	216.674	ug/l	99
17) Carbon Disulfide	2.514	76	104382	42.002	ug/l	98
18) Methyl Acetate	2.697	43	74672	49.281	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	157634	52.188	ug/l	98
20) Methylene Chloride	2.788	84	50287	45.125	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	49848	46.724	ug/l	98
22) Diisopropyl ether	3.758	45	144413	45.822	ug/l	93
23) Vinyl Acetate	3.721	43	571078	237.957	ug/l	96
24) 1,1-Dichloroethane	3.611	63	87109	47.951	ug/l	98
25) 2-Butanone	4.550	43	159911	225.452	ug/l	96
26) 2,2-Dichloropropane	4.477	77	63782	48.132	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	58071	47.321	ug/l	96
28) Bromochloromethane	4.898	49	37868	47.413	ug/l	82
29) Tetrahydrofuran	4.995	42	101100	224.110	ug/l	90
30) Chloroform	5.093	83	94417	49.870	ug/l	97
31) Cyclohexane	5.471	56	72953	43.436	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	87784	53.839	ug/l	96
36) 1,1-Dichloropropene	5.696	75	67740	47.215	ug/l	98
37) Ethyl Acetate	4.709	43	64152	47.999	ug/l	99
38) Carbon Tetrachloride	5.678	117	80847	52.835	ug/l	100
39) Methylcyclohexane	7.379	83	80406	44.523	ug/l	94
40) Benzene	6.038	78	196044	47.226	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	35458	47.142	ug/l	95
42) 1,2-Dichloroethane	6.086	62	76244	54.051	ug/l	99
43) Isopropyl Acetate	6.336	43	104540	50.155	ug/l	97
44) Trichloroethene	7.123	130	62399	48.909	ug/l	94
45) 1,2-Dichloropropane	7.428	63	48182	47.011	ug/l	95
46) Dibromomethane	7.580	93	36983	50.366	ug/l	94
47) Bromodichloromethane	7.818	83	72905	52.397	ug/l	98
48) Methyl methacrylate	7.690	41	53203	49.437	ug/l	92
49) 1,4-Dioxane	7.665	88	24621	1188.560	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	315204	241.090	ug/l	97
52) Toluene	8.714	92	130197	48.396	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	73652	52.657	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	80183	50.386	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	53374	49.670	ug/l	96
56) Ethyl methacrylate	9.116	69	76657	51.077	ug/l	96
57) 1,3-Dichloropropane	9.305	76	85025	48.437	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	170406	244.033	ug/l	95
59) 2-Hexanone	9.427	43	231345	241.796	ug/l	97
60) Dibromochloromethane	9.519	129	62956	52.862	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57932	50.137	ug/l	98
64) Tetrachloroethene	9.275	164	57314	47.518	ug/l	98
65) Chlorobenzene	10.080	112	144634	48.481	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	58180	51.608	ug/l	99
67) Ethyl Benzene	10.195	91	248344	49.182	ug/l	99
68) m/p-Xylenes	10.299	106	194978	96.602	ug/l	98
69) o-Xylene	10.640	106	97051	50.066	ug/l	99
70) Styrene	10.653	104	159750	50.036	ug/l	98
71) Bromoform	10.799	173	50834	55.280	ug/l #	99
73) Isopropylbenzene	10.964	105	254452	48.948	ug/l	100
74) N-amyl acetate	10.842	43	87321	50.989	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	73966	47.289	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	60418m	45.237	ug/l	
77) Bromobenzene	11.195	156	70112	48.639	ug/l	95
78) n-propylbenzene	11.305	91	278614	48.473	ug/l	99
79) 2-Chlorotoluene	11.366	91	168007	48.274	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	214952	49.677	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21103	48.660	ug/l	98
82) 4-Chlorotoluene	11.451	91	194468	49.405	ug/l	99
83) tert-Butylbenzene	11.713	119	223729	50.047	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	214225	49.556	ug/l	98
85) sec-Butylbenzene	11.890	105	262507	49.080	ug/l	100
86) p-Isopropyltoluene	12.006	119	233209	49.713	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	127671	48.268	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	129002	48.038	ug/l	100
89) n-Butylbenzene	12.335	91	181198	49.266	ug/l	99
90) Hexachloroethane	12.536	117	37671	51.010	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	124759	48.363	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16368	53.218	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	90946	49.897	ug/l	99
94) Hexachlorobutadiene	13.725	225	43494	48.209	ug/l	99
95) Naphthalene	13.774	128	255488	51.018	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	91707	50.089	ug/l	100

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

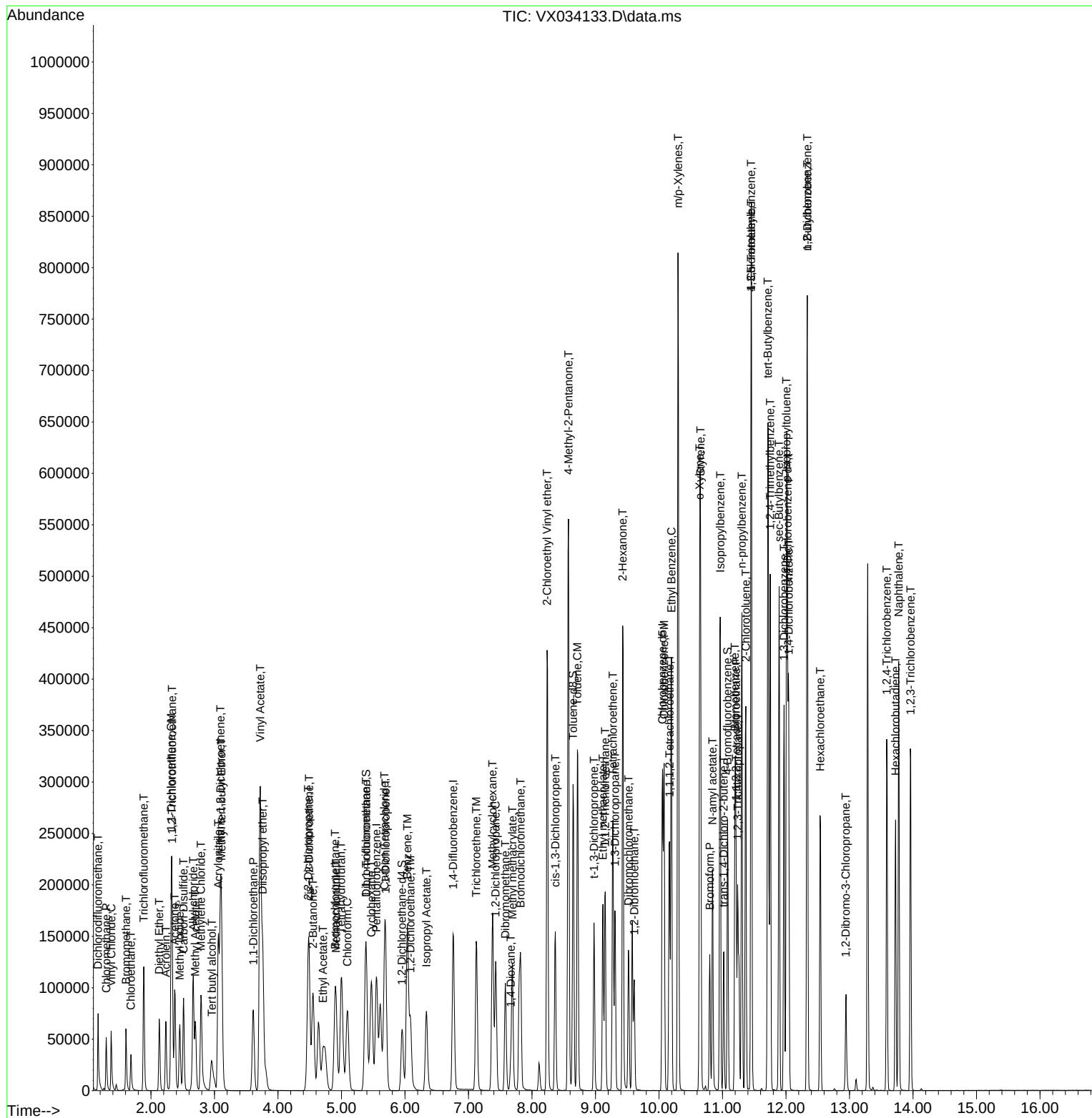
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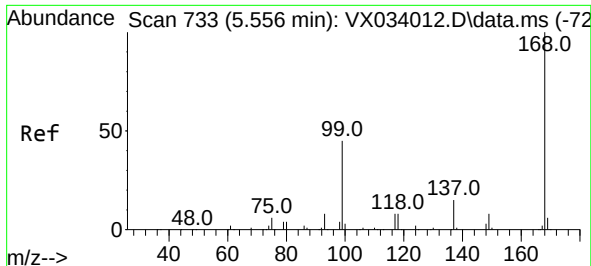
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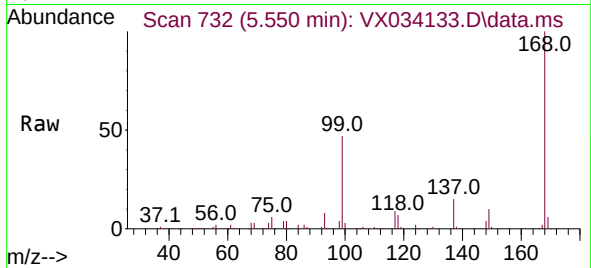
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034133.D
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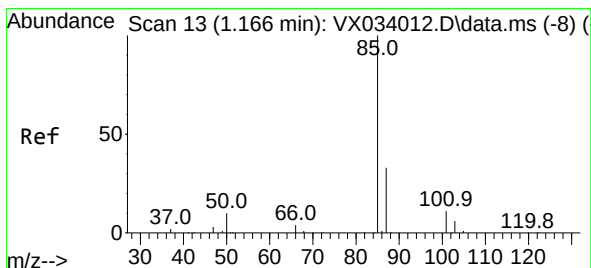
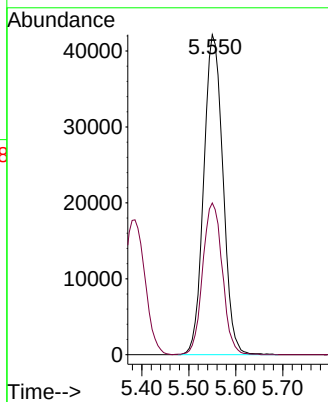
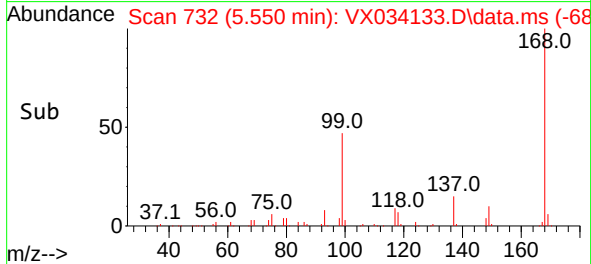
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 11963
Ion Ratio Lower Upper
168 100
99 47.4 39.6 59.4

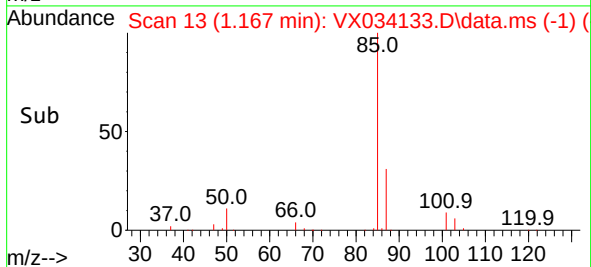
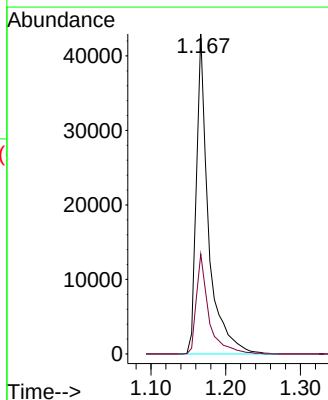
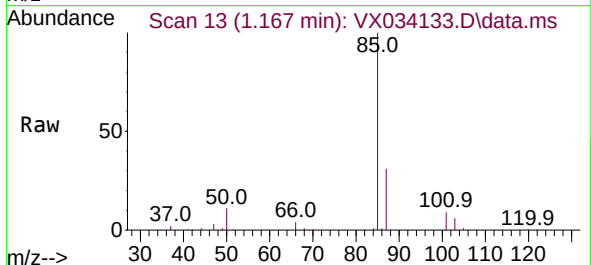
Manual Integrations
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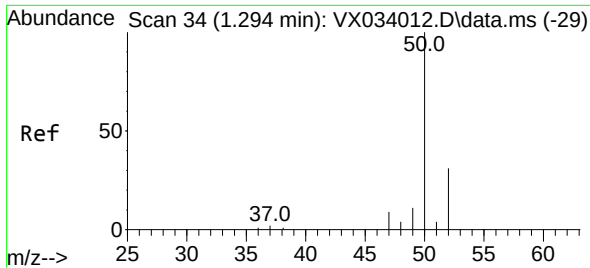
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#2
Dichlorodifluoromethane
Concen: 49.596 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Tgt Ion: 85 Resp: 48232
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.4





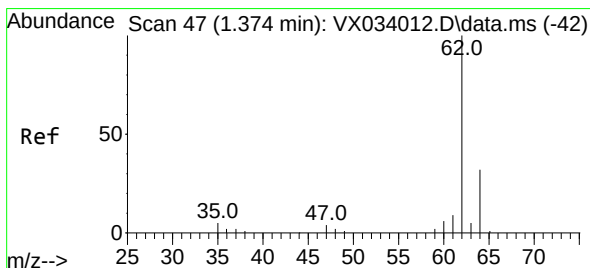
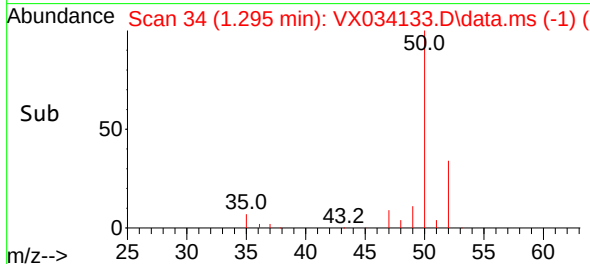
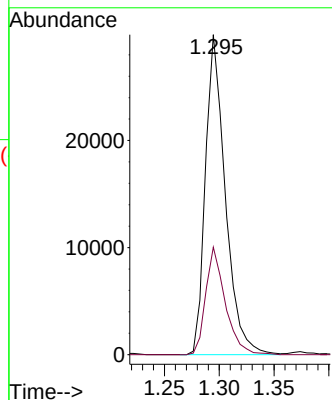
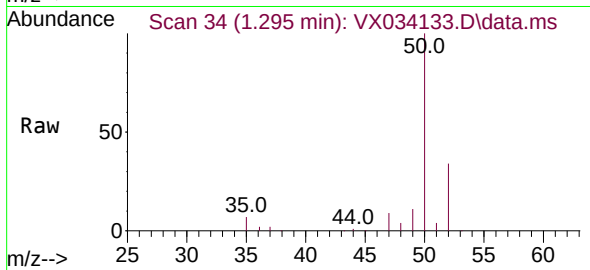
#3
Chloromethane
Concen: 40.988 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

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ClientSampleId :
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Tgt Ion: 50 Resp: 37610
Ion Ratio Lower Upper
50 100
52 33.6 25.2 37.8

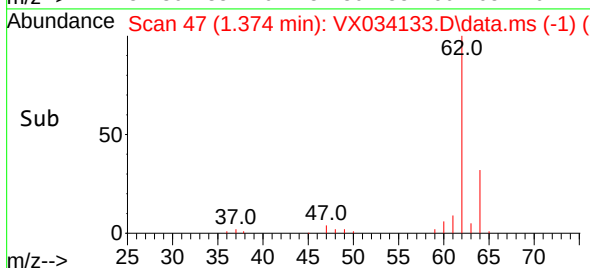
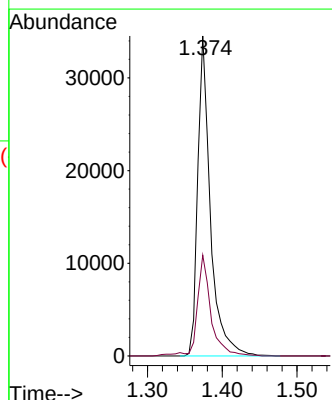
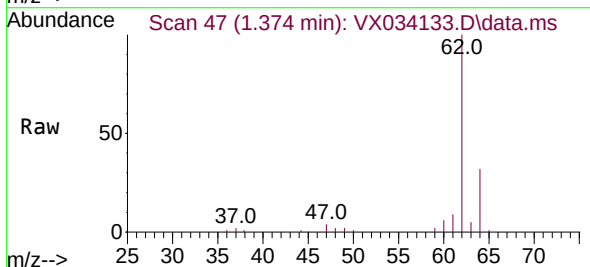
Manual Integrations
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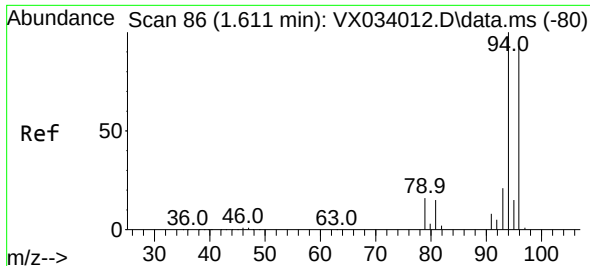
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#4
Vinyl Chloride
Concen: 42.196 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

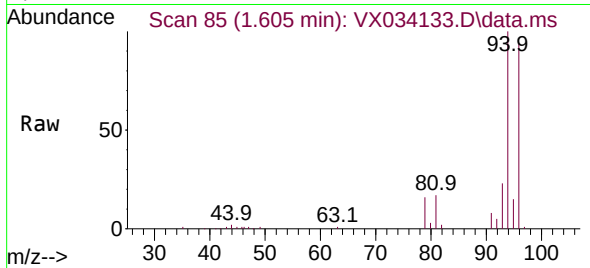
Tgt Ion: 62 Resp: 40555
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.4





#5
Bromomethane
Concen: 46.679 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

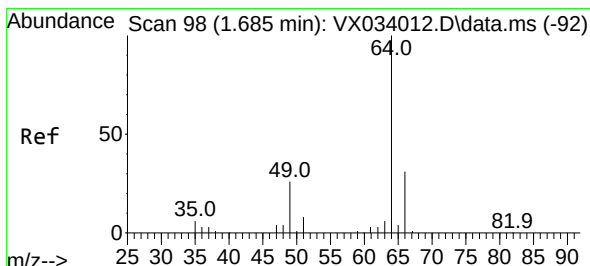
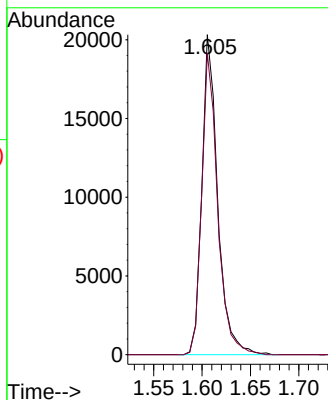
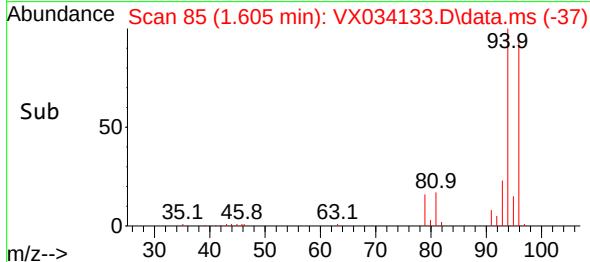
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Tgt Ion: 94 Resp: 2310
Ion Ratio Lower Upper
94 100
96 94.2 74.3 111.5

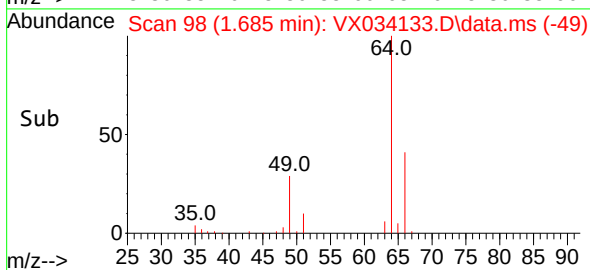
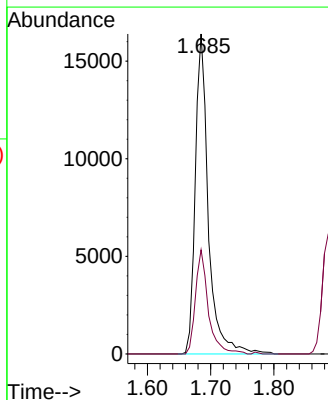
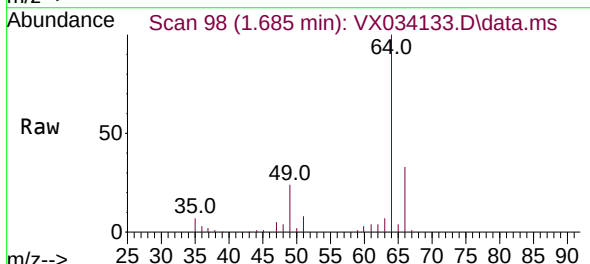
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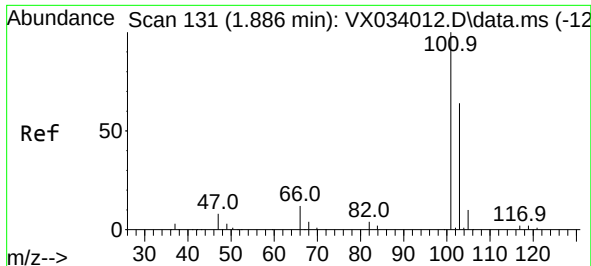
Reviewed By :John Carlone 02/13/2023
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#6
Chloroethane
Concen: 44.311 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

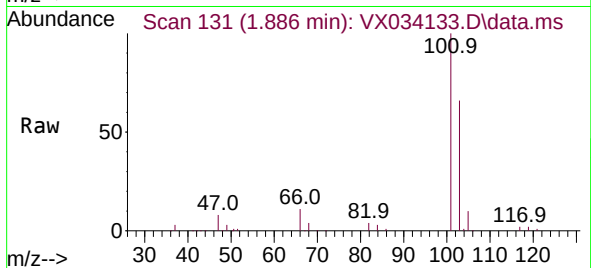
Tgt Ion: 64 Resp: 23550
Ion Ratio Lower Upper
64 100
66 32.6 26.1 39.1





#7
Trichlorofluoromethane
Concen: 50.352 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

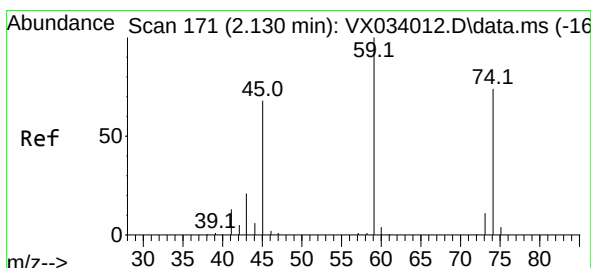
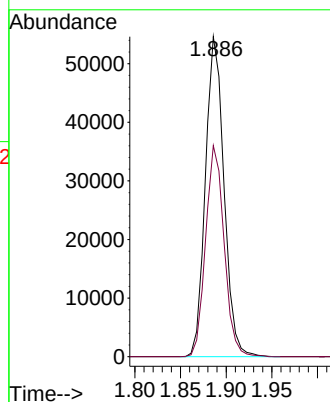
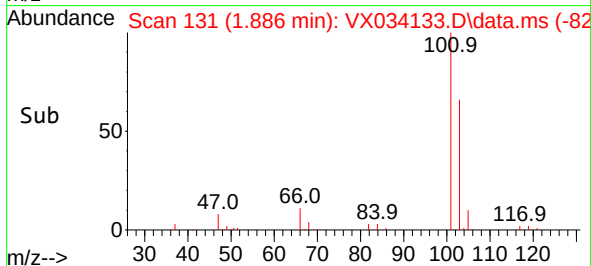
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 76998
Ion Ratio Lower Upper
101 100
103 66.0 50.6 75.8

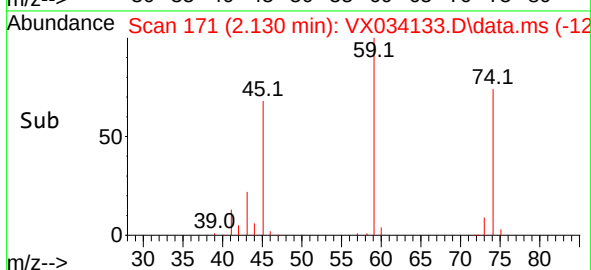
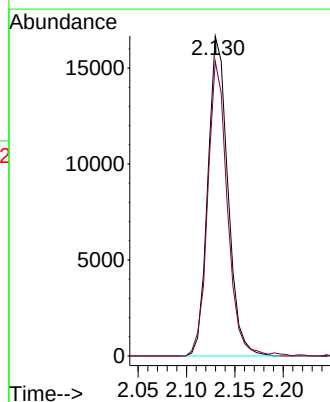
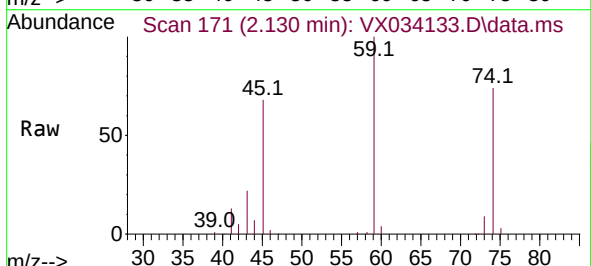
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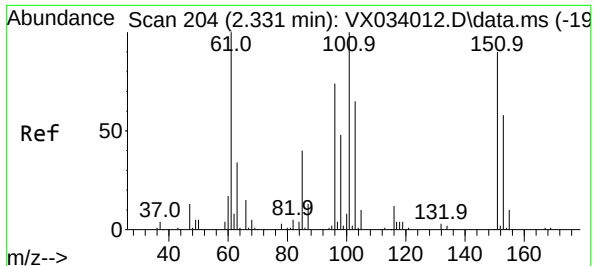
Reviewed By :John Carlone 02/13/2023
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#8
Diethyl Ether
Concen: 45.535 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Tgt Ion: 74 Resp: 23950
Ion Ratio Lower Upper
74 100
45 90.9 51.5 154.5





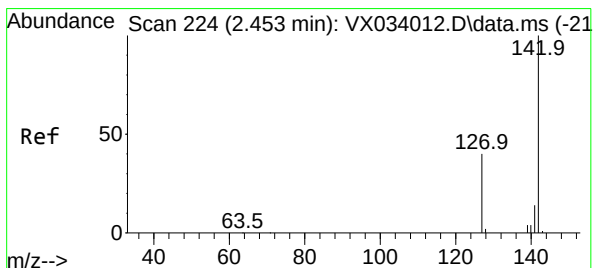
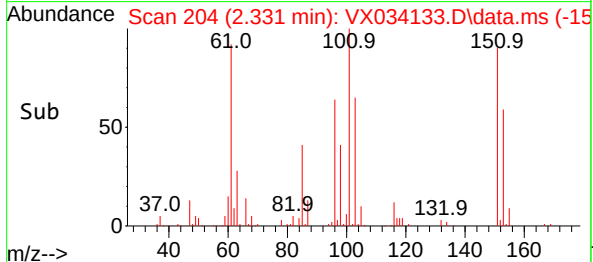
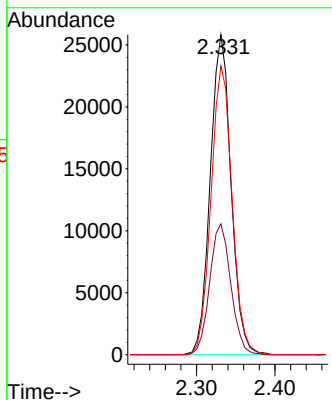
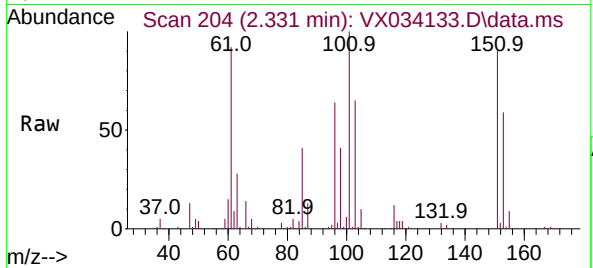
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.556 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 47532
Ion Ratio Lower Upper
101 100
85 41.6 36.7 55.1
151 91.5 66.5 99.7

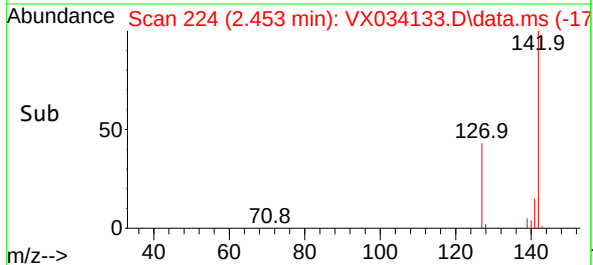
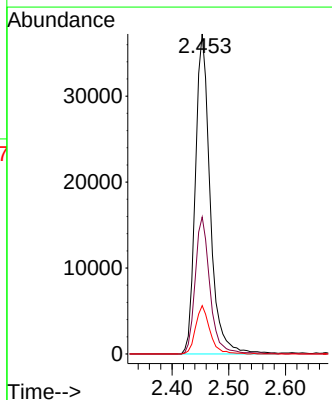
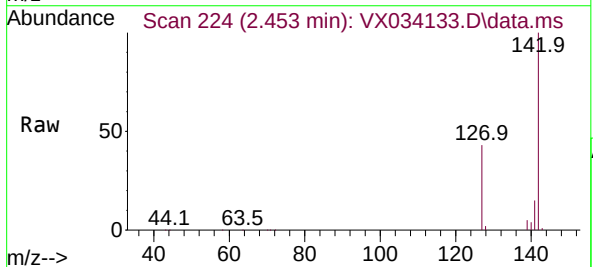
Manual Integrations
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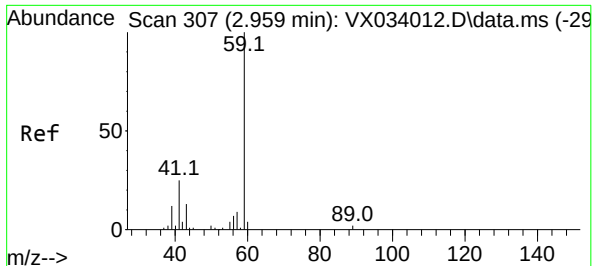
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#10
Methyl Iodide
Concen: 46.719 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Tgt Ion:142 Resp: 67574
Ion Ratio Lower Upper
142 100
127 42.7 37.3 55.9
141 14.5 11.5 17.3





#11

Tert butyl alcohol

Concen: 298.186 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 4818

Ion Ratio Lower Upper

59 100

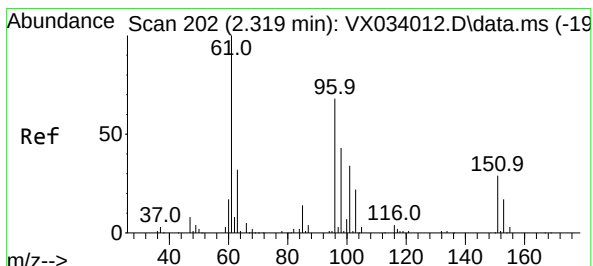
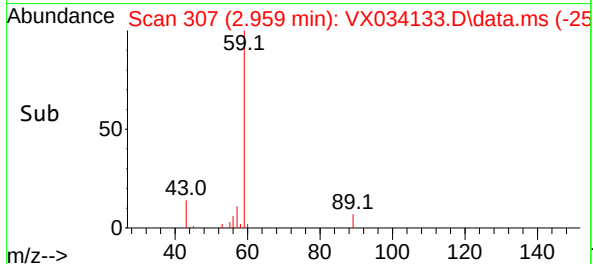
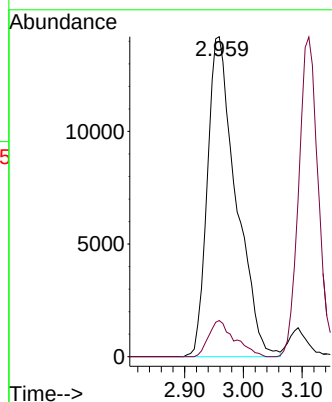
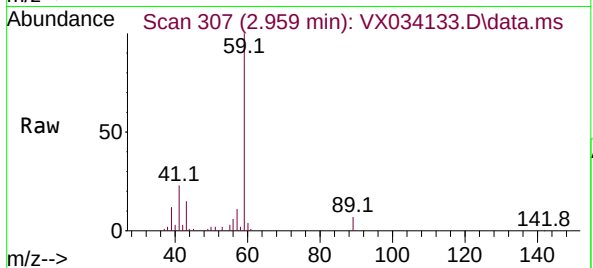
57 10.3 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#12

1,1-Dichloroethene

Concen: 45.373 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

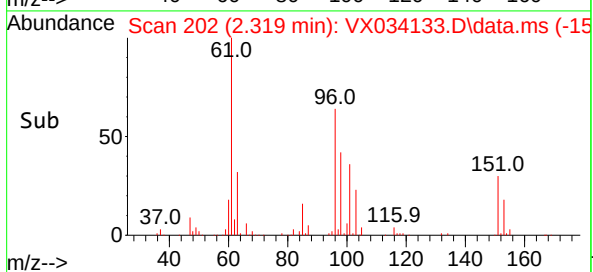
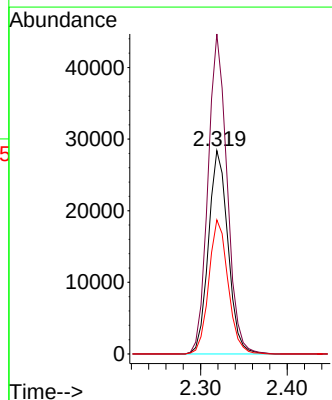
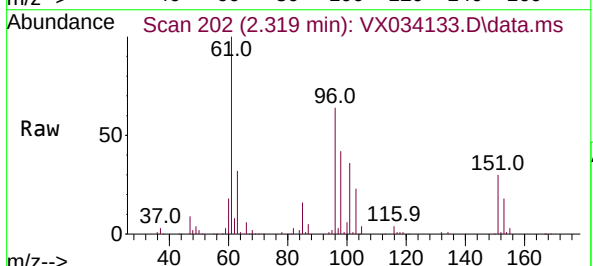
Tgt Ion: 96 Resp: 44443

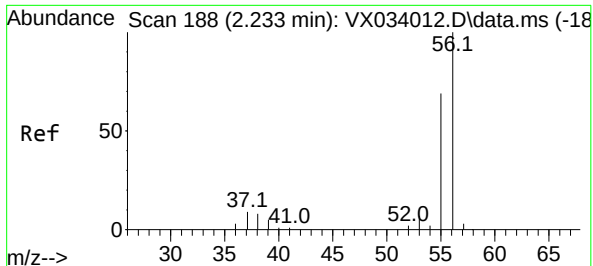
Ion Ratio Lower Upper

96 100

61 157.4 134.2 201.4

98 65.9 50.2 75.2





#13

Acrolein

Concen: 215.844 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 46778

Ion Ratio Lower Upper

56 100

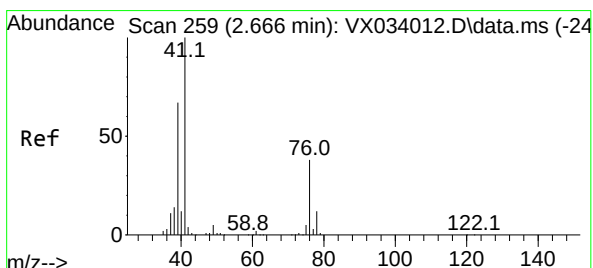
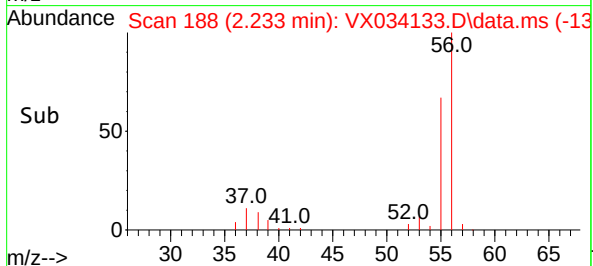
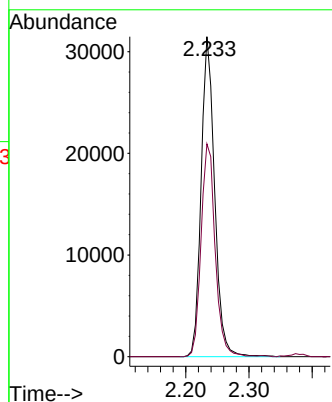
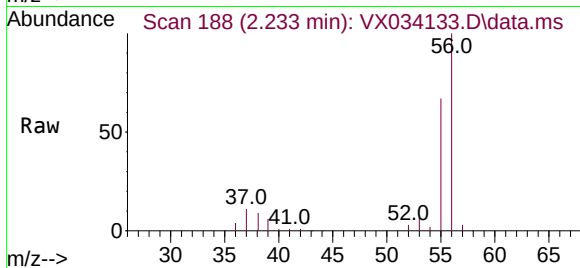
55 69.5 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#14

Allyl chloride

Concen: 44.800 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

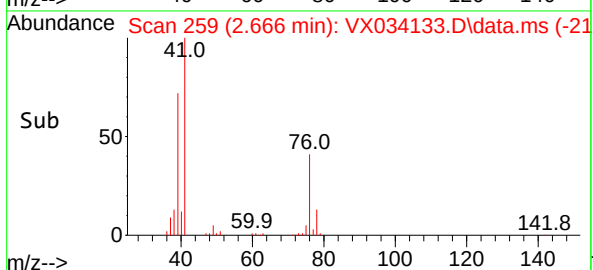
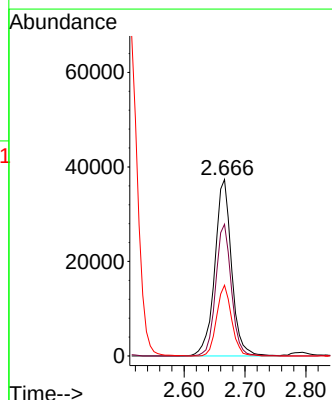
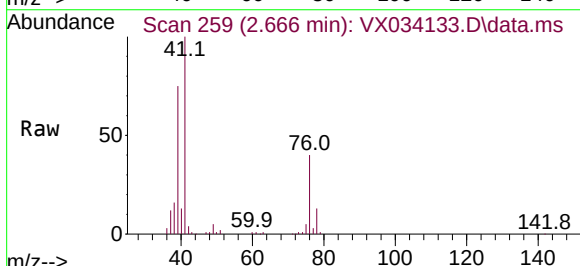
Tgt Ion: 41 Resp: 71548

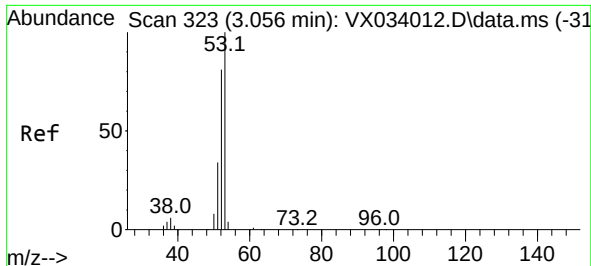
Ion Ratio Lower Upper

41 100

39 69.3 59.0 88.4

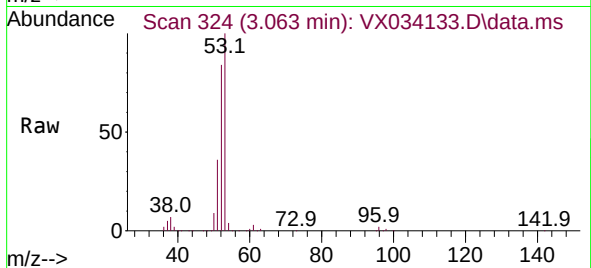
76 35.5 24.6 37.0





#15
Acrylonitrile
Concen: 231.947 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

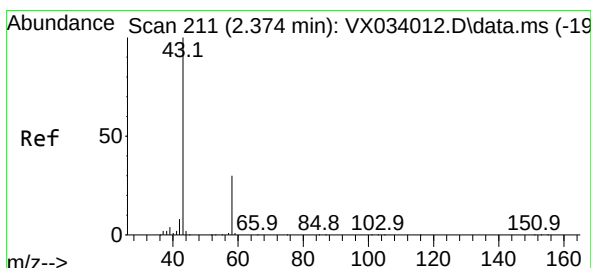
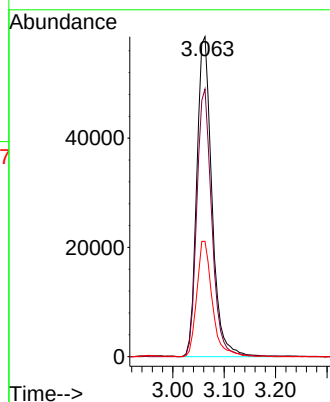
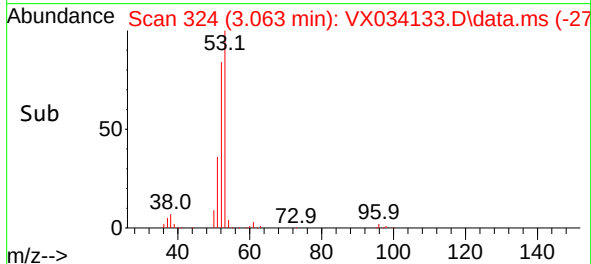
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 12022
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 36.9 29.0 43.4

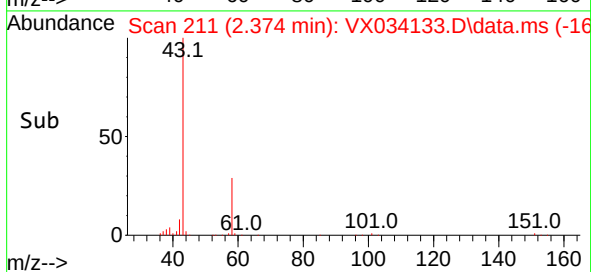
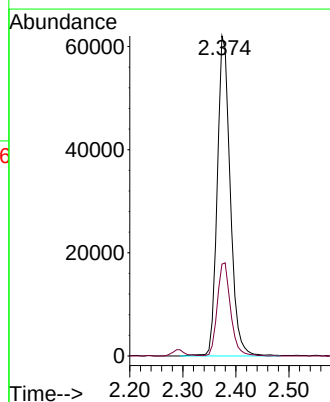
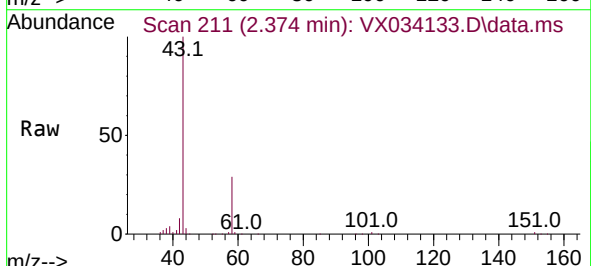
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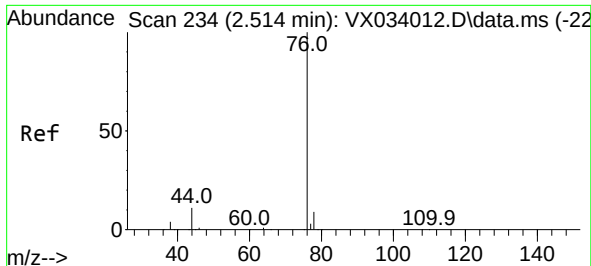
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#16
Acetone
Concen: 216.674 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Tgt Ion: 43 Resp: 105544
Ion Ratio Lower Upper
43 100
58 28.7 22.6 33.8





#17

Carbon Disulfide

Concen: 42.002 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 10438

Ion Ratio Lower Upper

76 100

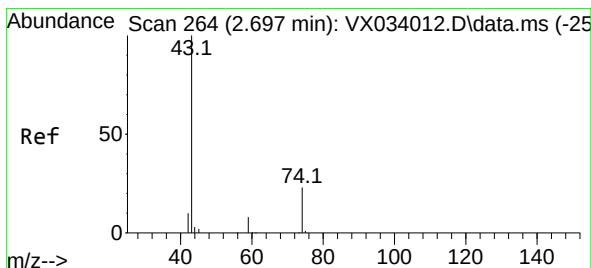
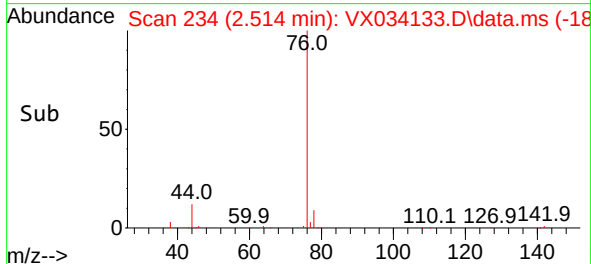
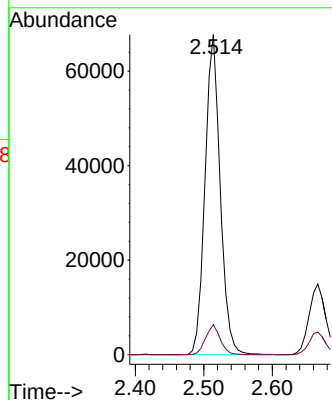
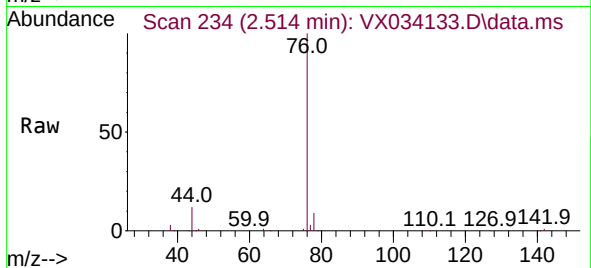
78 9.4 7.0 10.6

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APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#18

Methyl Acetate

Concen: 49.281 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX034133.D

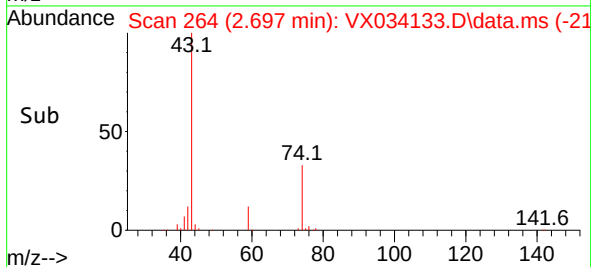
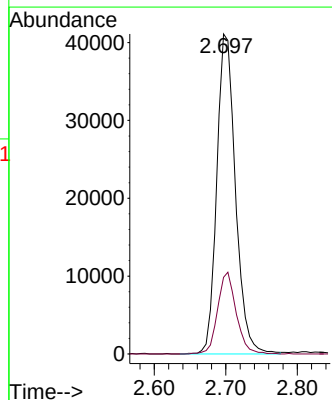
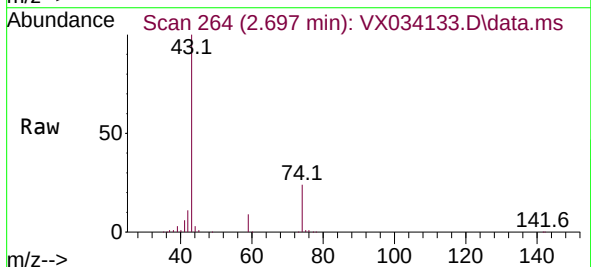
Acq: 10 Feb 2023 22:27

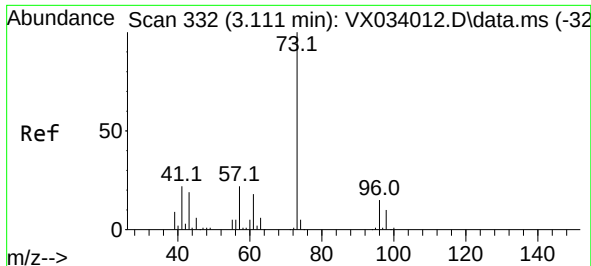
Tgt Ion: 43 Resp: 74672

Ion Ratio Lower Upper

43 100

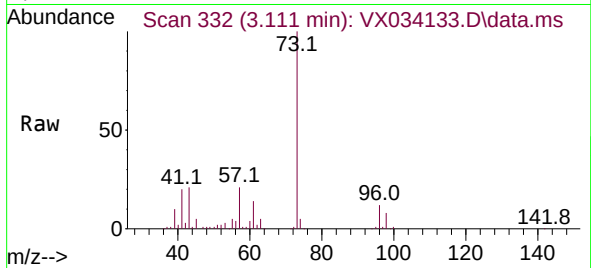
74 25.4 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 52.188 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

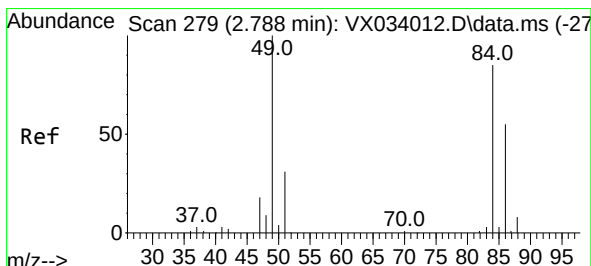
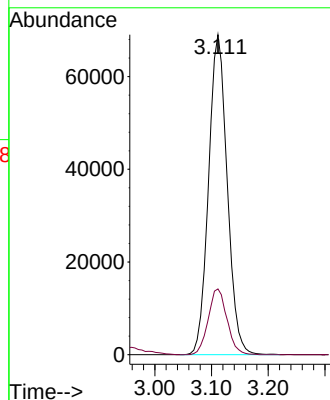
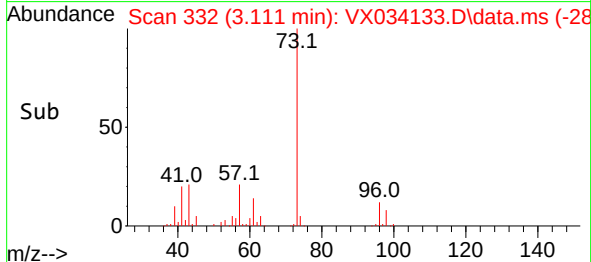
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



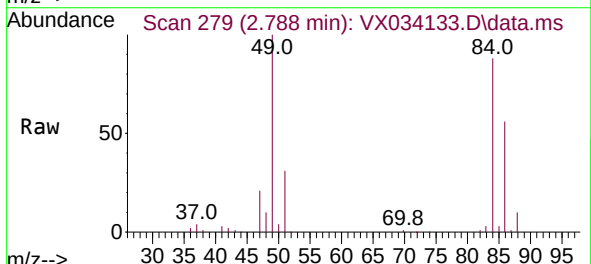
Tgt Ion: 73 Resp: 157634
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.0

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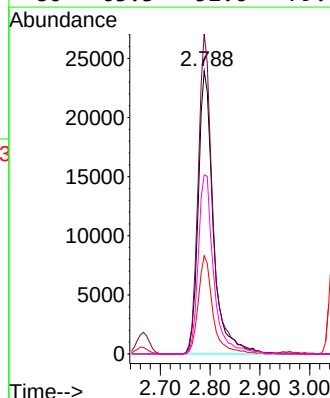
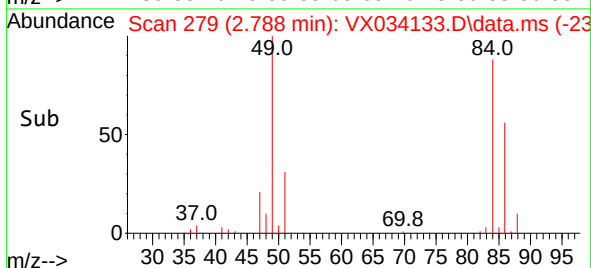
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

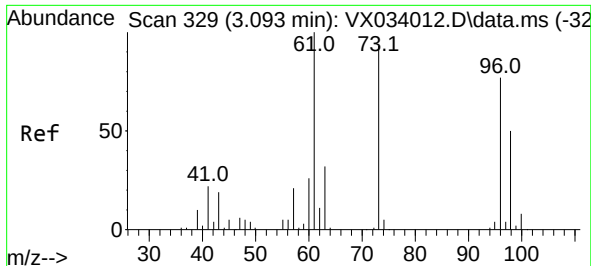


#20
Methylene Chloride
Concen: 45.125 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27



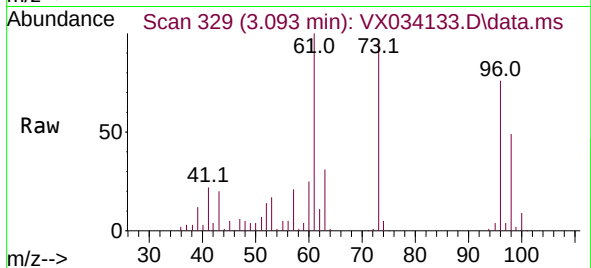
Tgt Ion: 84 Resp: 50287
Ion Ratio Lower Upper
84 100
49 113.1 101.1 151.7
51 34.7 31.0 46.6
86 63.3 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 46.724 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

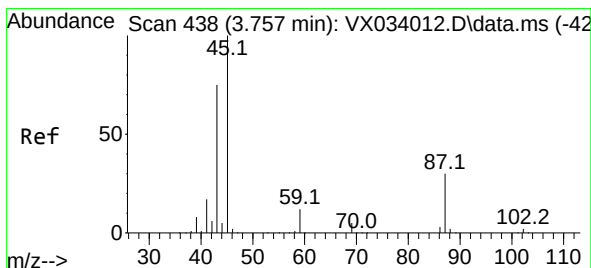
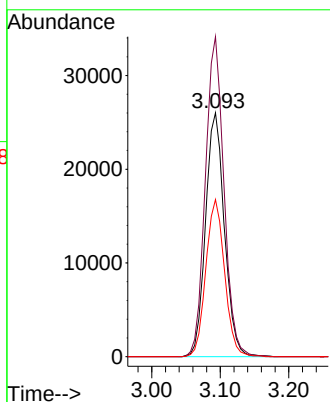
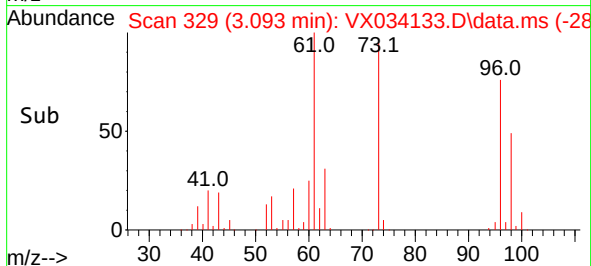
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



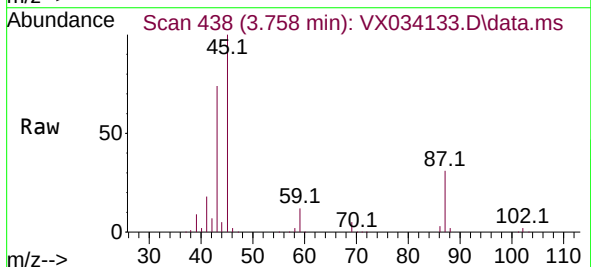
Tgt Ion: 96 Resp: 4984
Ion Ratio Lower Upper
96 100
61 131.2 106.7 160.1
98 64.4 50.0 75.0

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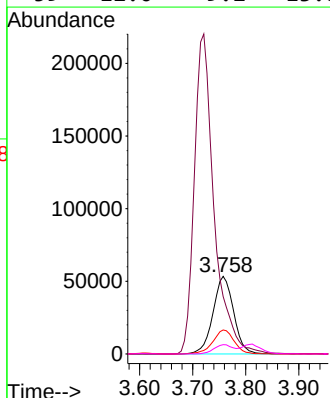
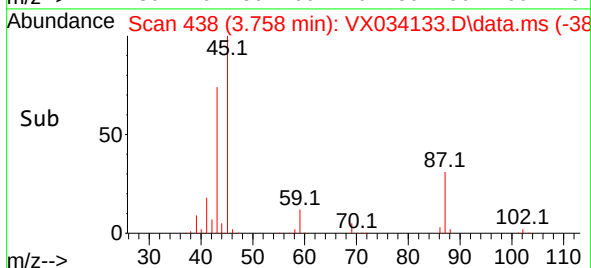
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

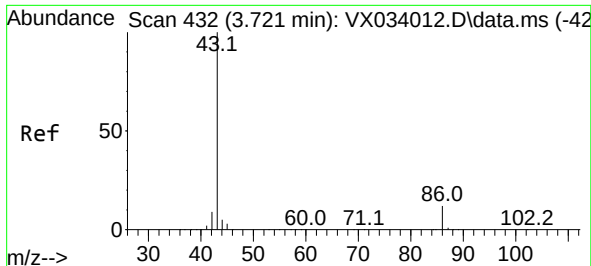


#22
Diisopropyl ether
Concen: 45.822 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27



Tgt Ion: 45 Resp: 144413
Ion Ratio Lower Upper
45 100
43 73.4 64.6 97.0
87 31.1 21.9 32.9
59 12.0 9.2 13.8





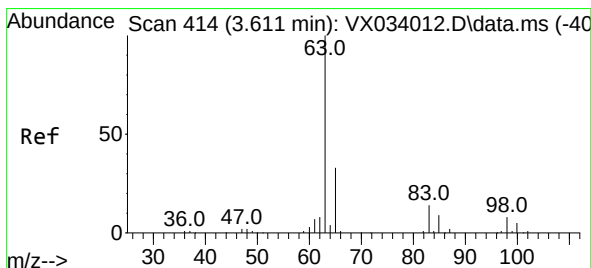
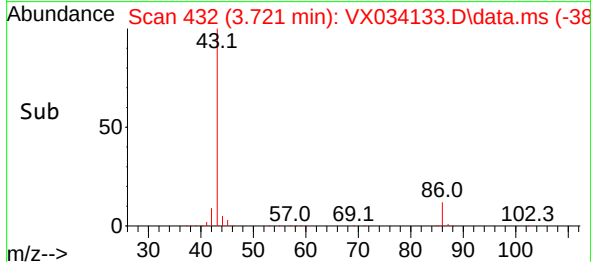
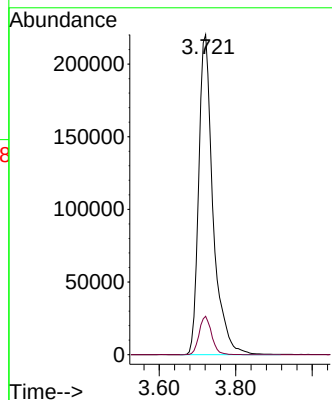
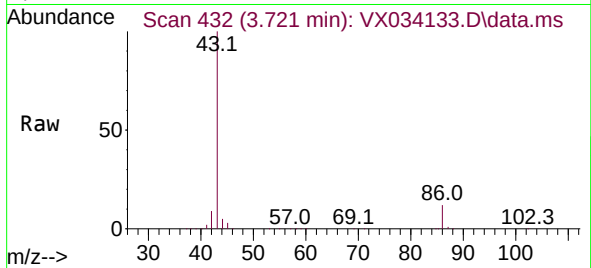
#23
 Vinyl Acetate
 Concen: 237.957 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034133.D
 Acq: 10 Feb 2023 22:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 571078
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.4 12.6

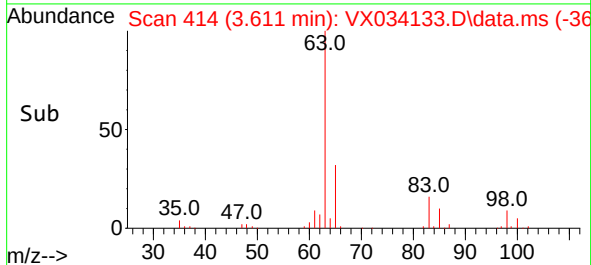
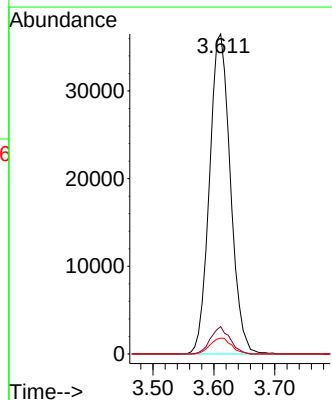
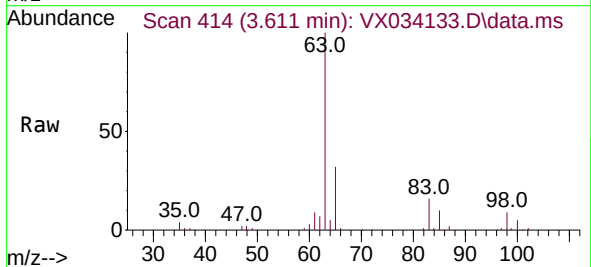
Manual Integrations
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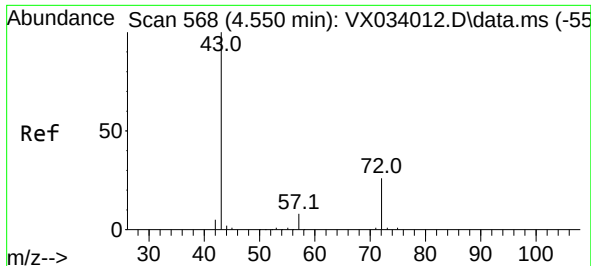
Reviewed By :John Carlone 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023



#24
 1,1-Dichloroethane
 Concen: 47.951 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX034133.D
 Acq: 10 Feb 2023 22:27

Tgt Ion: 63 Resp: 87109
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.8 11.2
 100 5.0 2.4 7.2





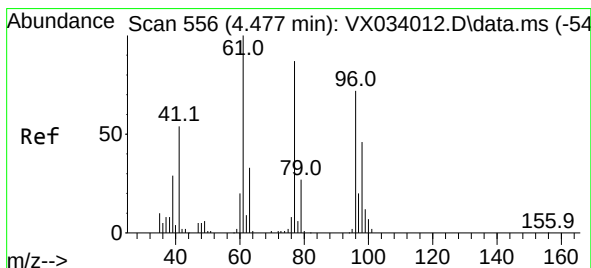
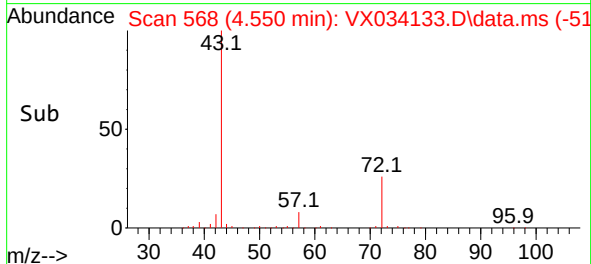
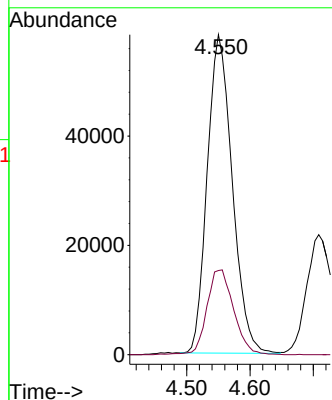
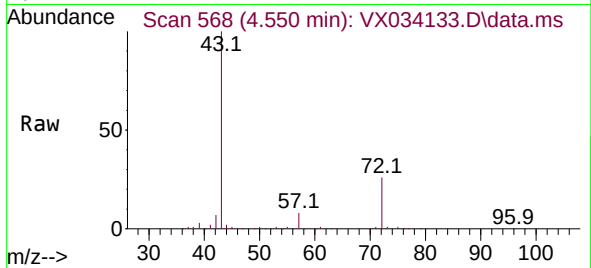
#25
2-Butanone
Concen: 225.452 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 15991
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2

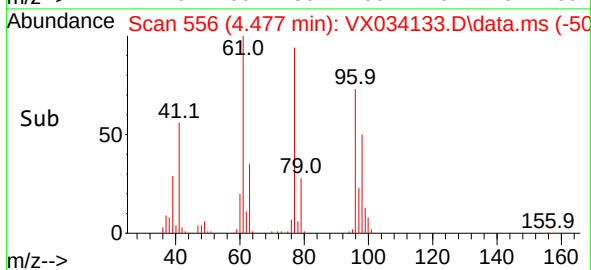
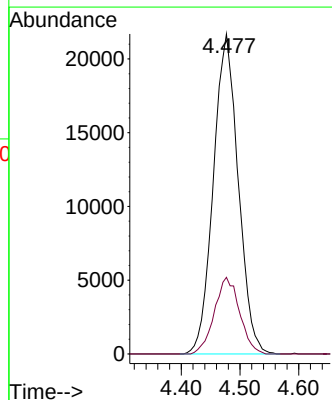
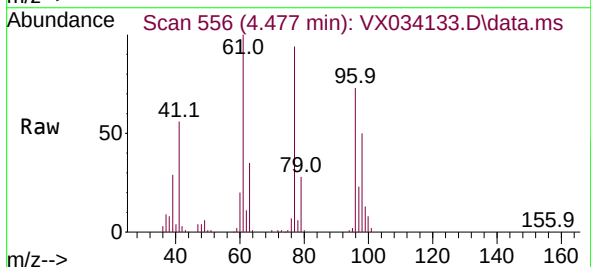
Manual Integrations
APPROVED

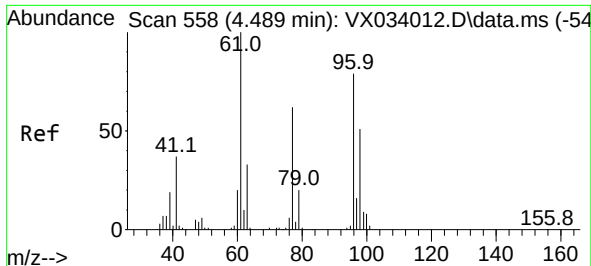
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#26
2,2-Dichloropropane
Concen: 48.132 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Tgt Ion: 77 Resp: 63782
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 47.321 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 5807

Ion Ratio Lower Upper

96 100

61 132.7 0.0 277.6

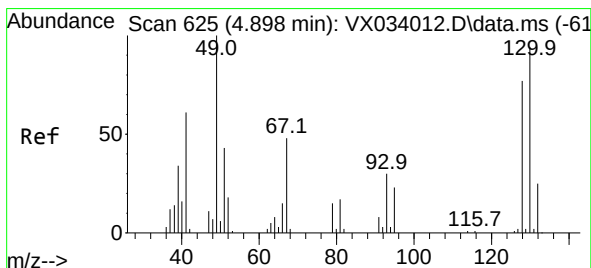
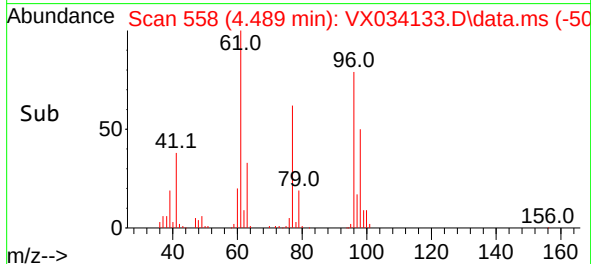
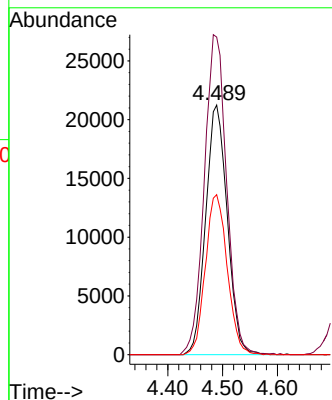
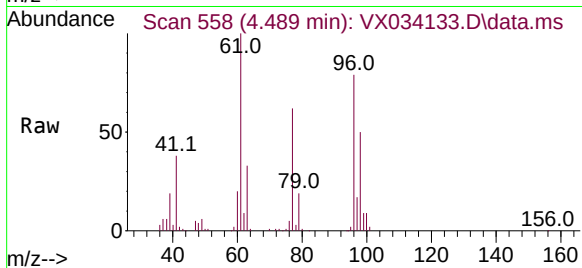
98 64.9 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#28

Bromochloromethane

Concen: 47.413 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

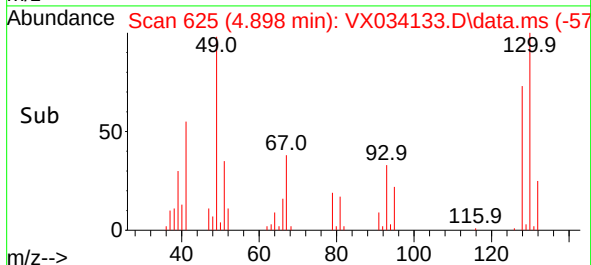
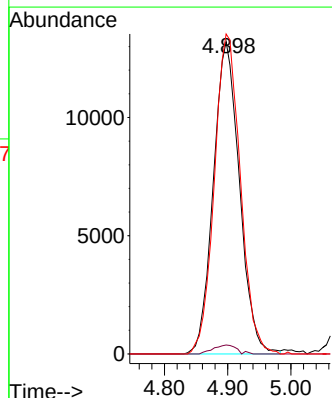
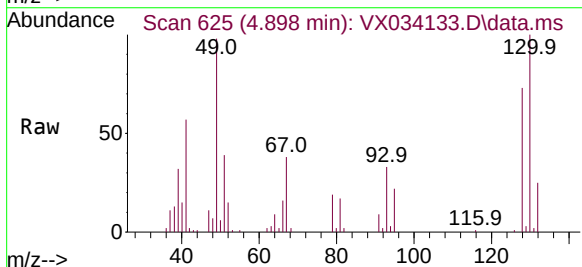
Tgt Ion: 49 Resp: 37868

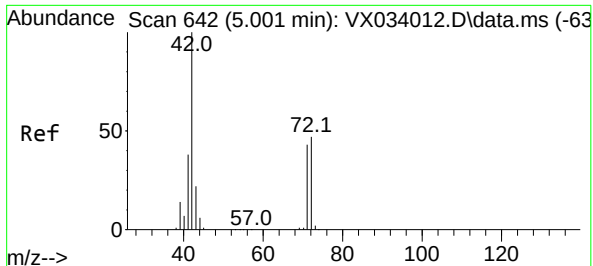
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 102.1 68.5 102.7





#29

Tetrahydrofuran

Concen: 224.110 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 101100

Ion Ratio Lower Upper

42 100

72 50.3 34.8 52.2

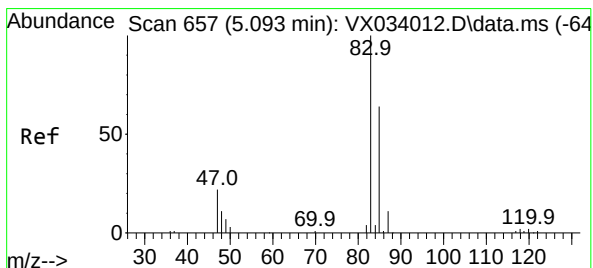
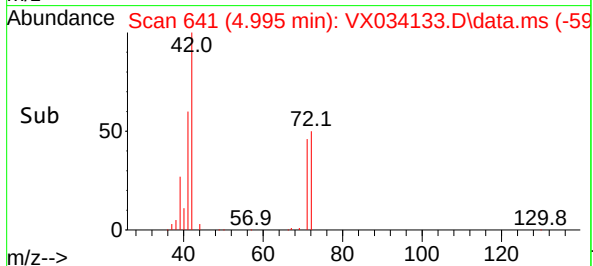
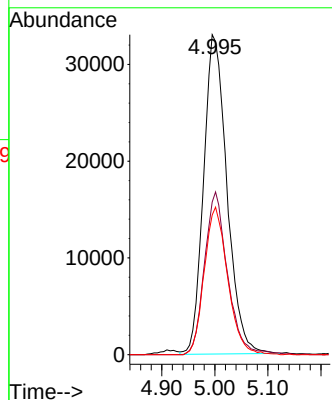
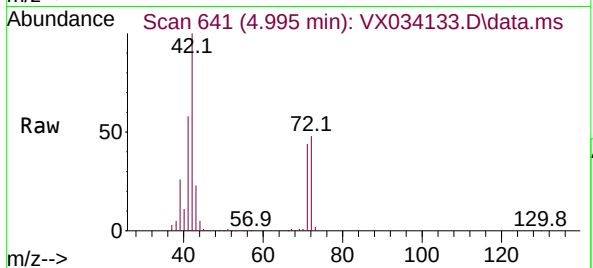
71 46.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#30

Chloroform

Concen: 49.870 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX034133.D

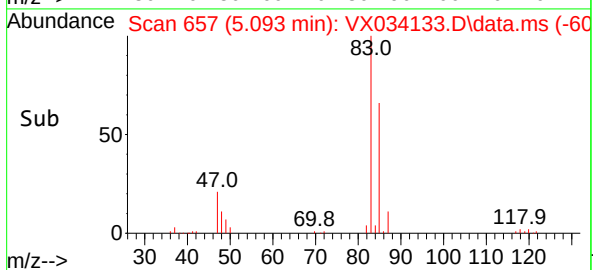
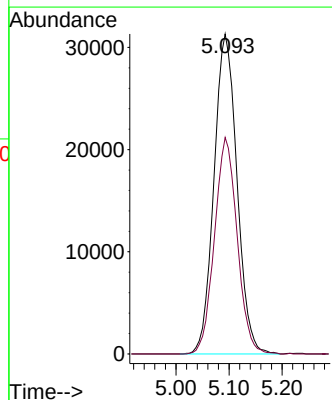
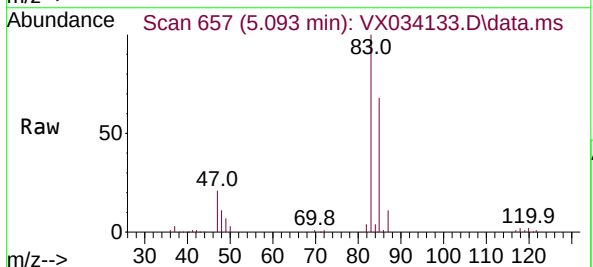
Acq: 10 Feb 2023 22:27

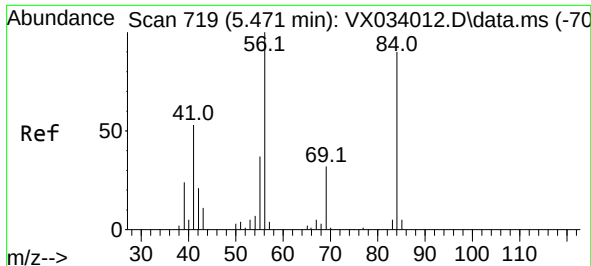
Tgt Ion: 83 Resp: 94417

Ion Ratio Lower Upper

83 100

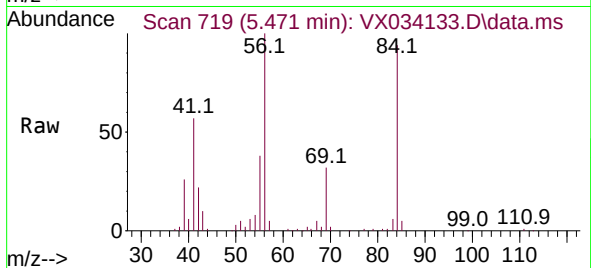
85 67.6 52.1 78.1





#31
Cyclohexane
Concen: 43.436 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

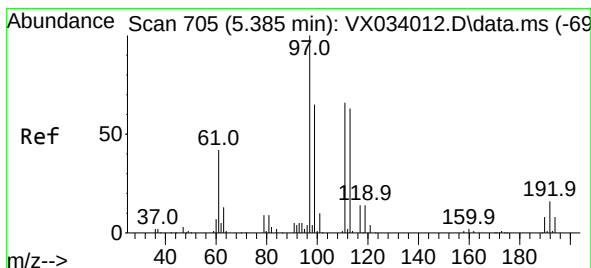
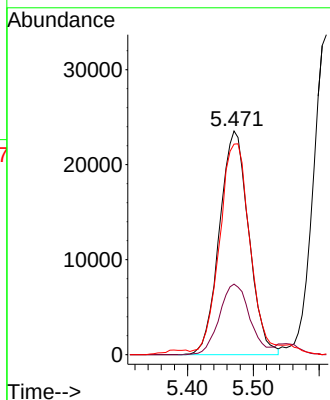
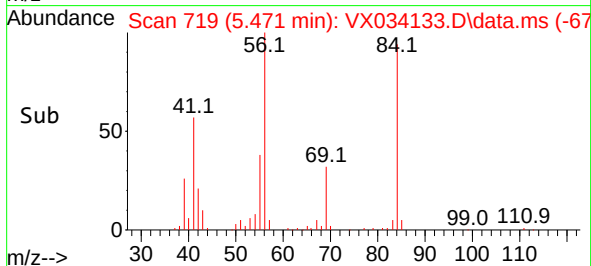
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7295
Ion Ratio Lower Upper
56 100
69 31.5 24.6 37.0
84 92.2 71.0 106.6

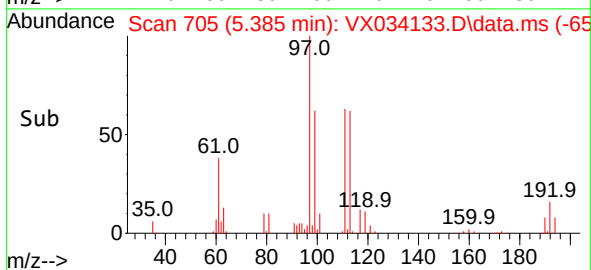
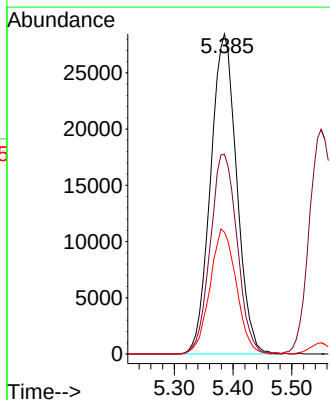
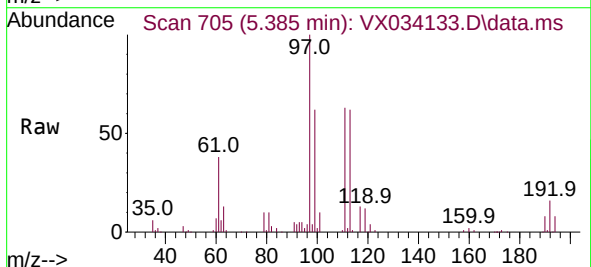
Manual Integrations
APPROVED

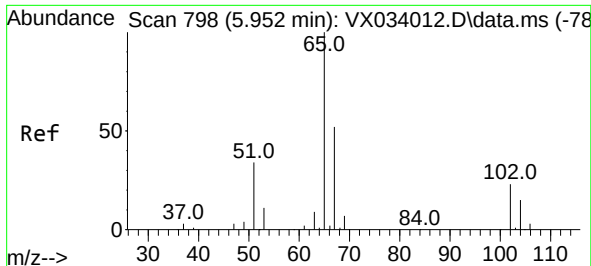
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#32
1,1,1-Trichloroethane
Concen: 53.839 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Tgt Ion: 97 Resp: 87784
Ion Ratio Lower Upper
97 100
99 64.3 52.3 78.5
61 39.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.747 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 59680

Ion Ratio Lower Upper

65 100

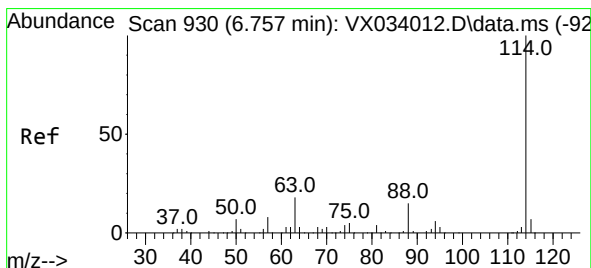
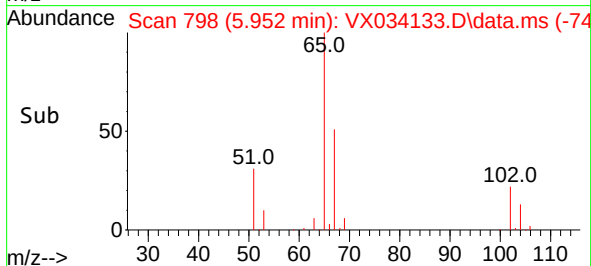
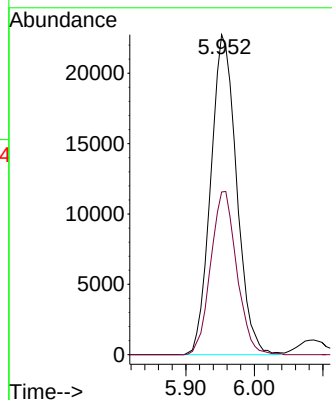
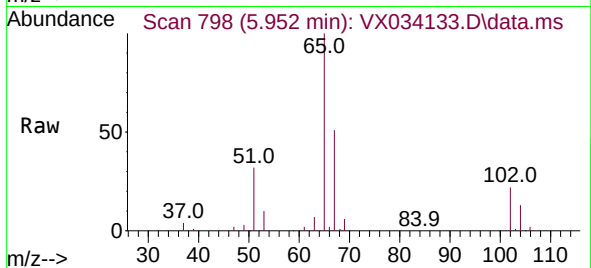
67 51.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

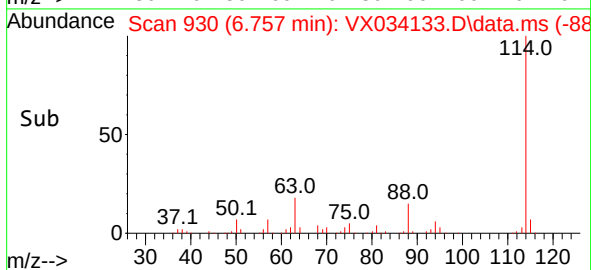
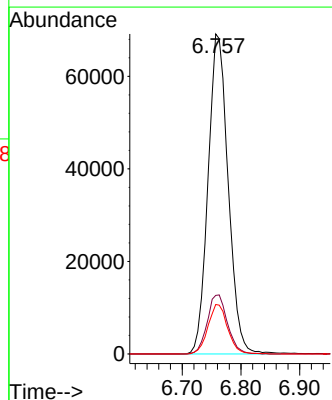
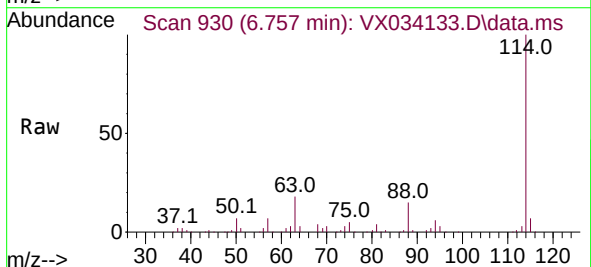
Tgt Ion:114 Resp: 164420

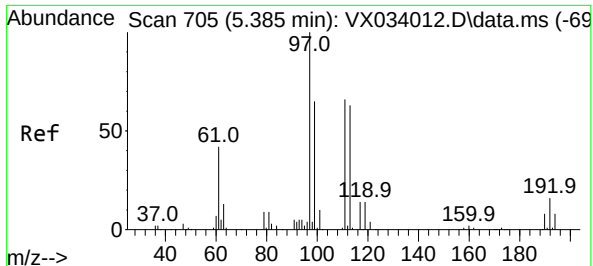
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

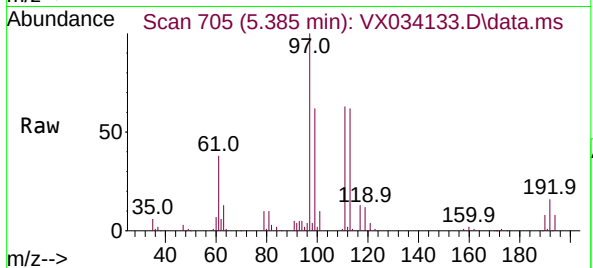
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.417 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

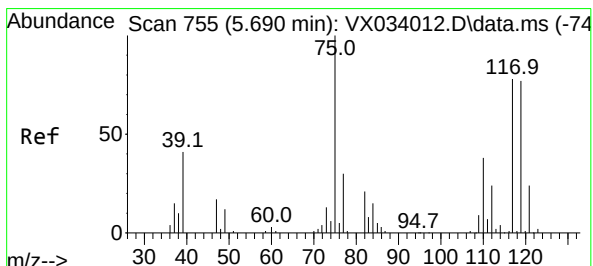
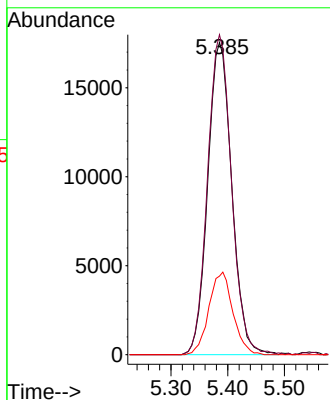
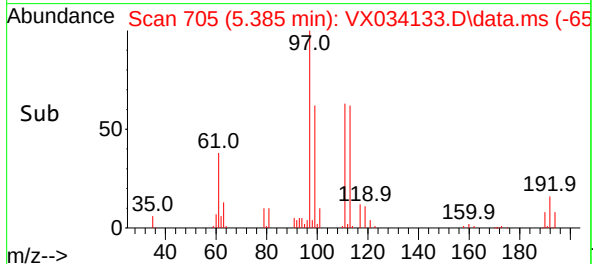
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



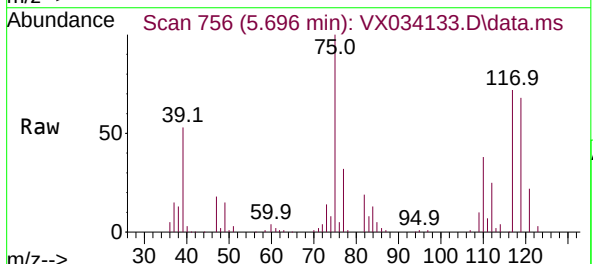
Tgt Ion: 113 Resp: 5171
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.6
192 26.4 19.0 28.4

Manual Integrations
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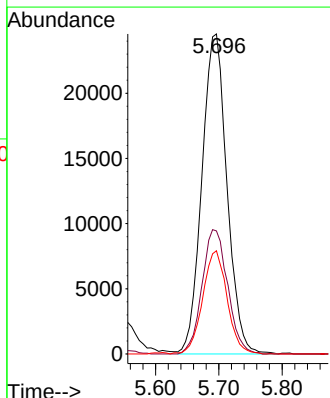
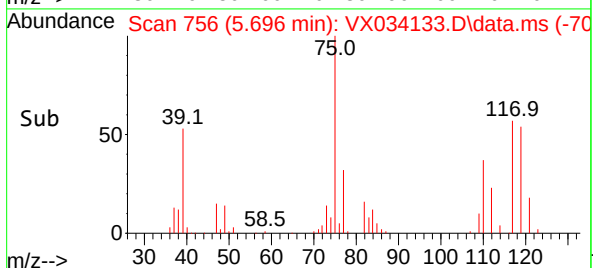
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

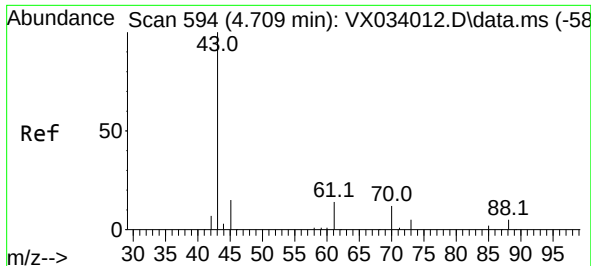


#36
1,1-Dichloropropene
Concen: 47.215 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27



Tgt Ion: 75 Resp: 67740
Ion Ratio Lower Upper
75 100
110 39.6 18.8 56.4
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 47.999 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

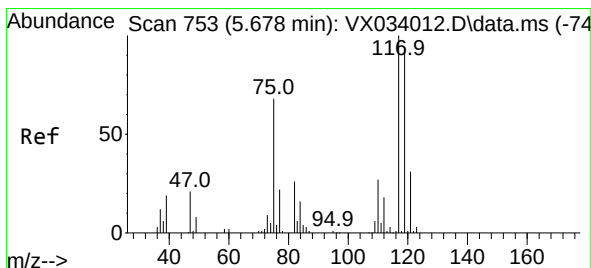
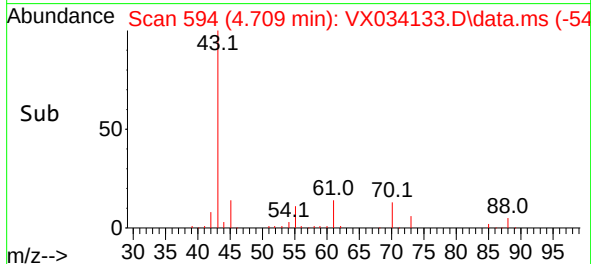
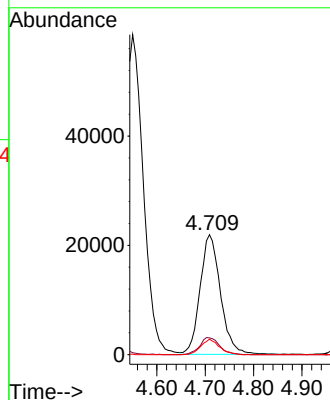
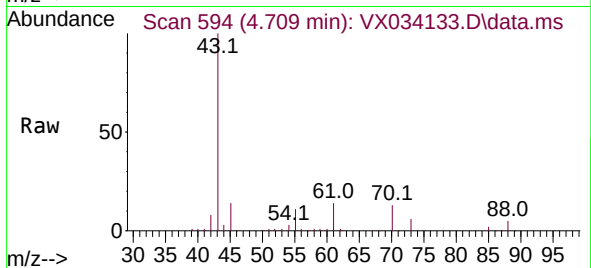
Tgt Ion: 43	Resp: 6415
Ion Ratio	Lower Upper
43 100	
61 14.0	11.1 16.7
70 11.7	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#38

Carbon Tetrachloride

Concen: 52.835 ug/l

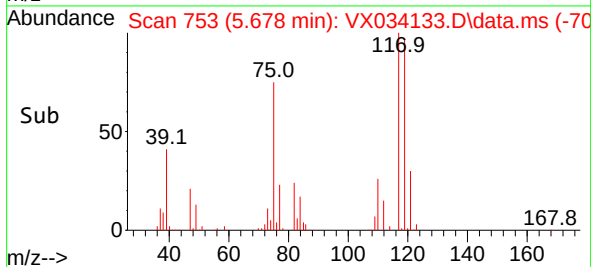
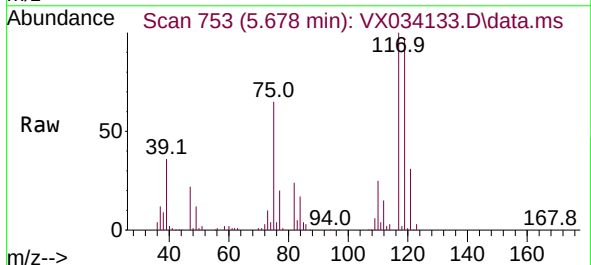
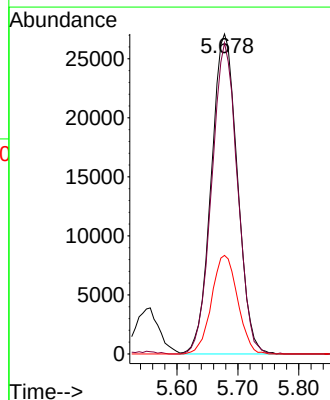
RT: 5.678 min Scan# 753

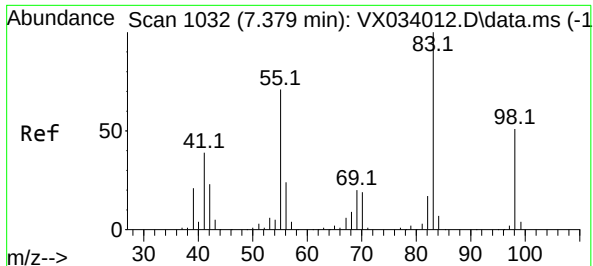
Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Tgt Ion: 117	Resp: 80847
Ion Ratio	Lower Upper
117 100	
119 97.2	78.0 117.0
121 30.8	24.4 36.6





#39

Methylcyclohexane

Concen: 44.523 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 80400

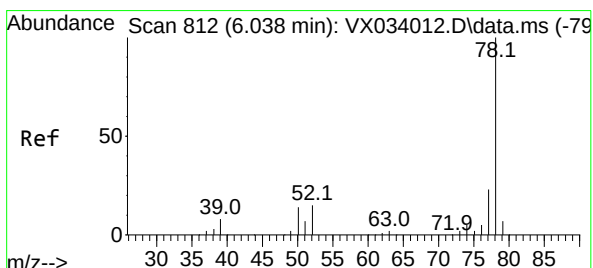
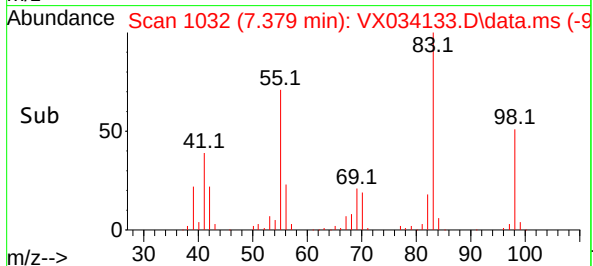
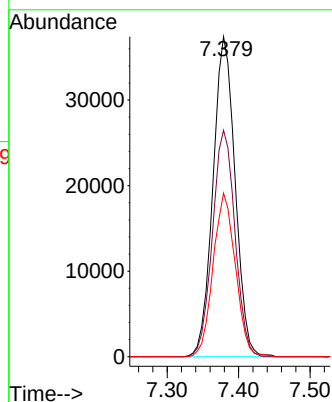
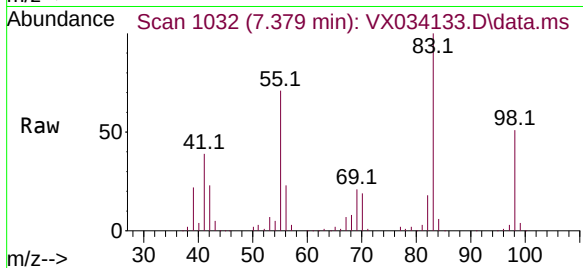
Ion	Ratio	Lower	Upper
83	100		
55	70.8	61.8	92.6
98	51.1	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#40

Benzene

Concen: 47.226 ug/l

RT: 6.038 min Scan# 812

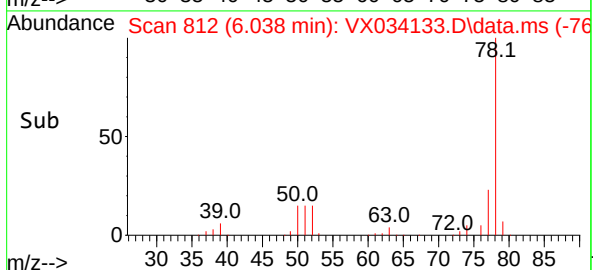
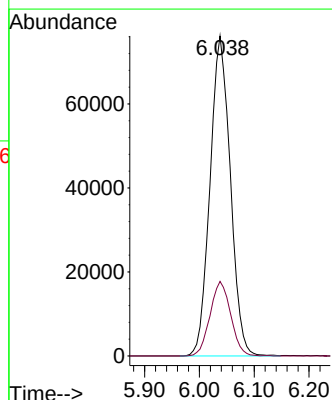
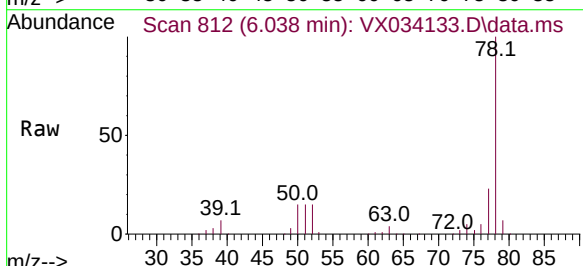
Delta R.T. 0.000 min

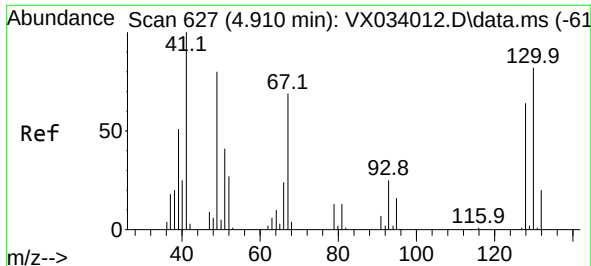
Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Tgt Ion: 78 Resp: 196044

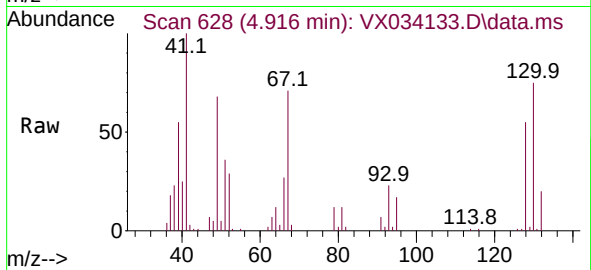
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





#41
Methacrylonitrile
Concen: 47.142 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

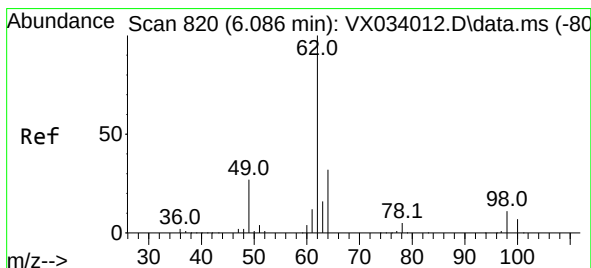
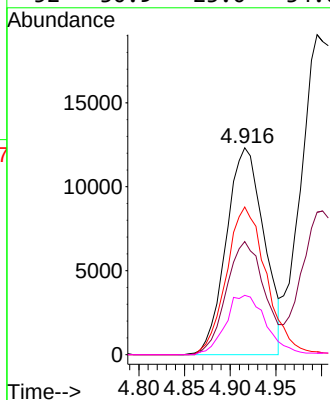
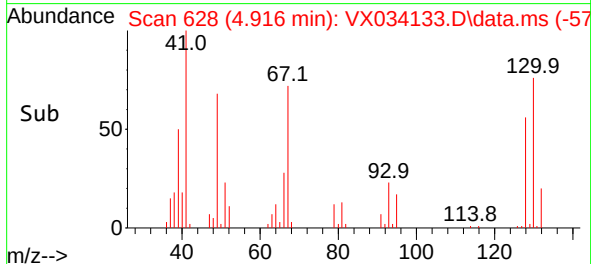
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 3545
Ion Ratio Lower Upper
41 100
39 54.9 43.8 65.6
67 75.8 54.8 82.2
52 30.9 23.0 34.6

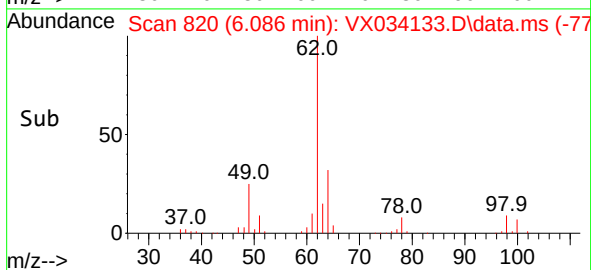
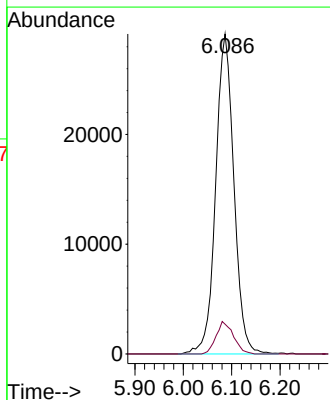
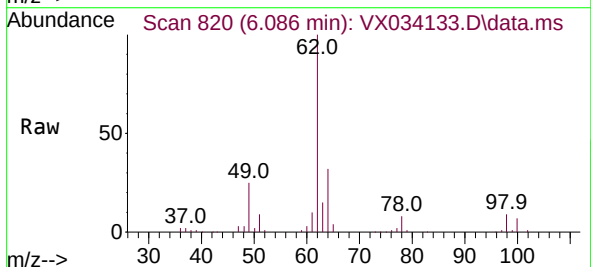
Manual Integrations
APPROVED

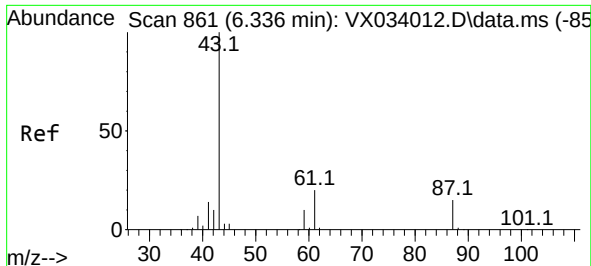
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#42
1,2-Dichloroethane
Concen: 54.051 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

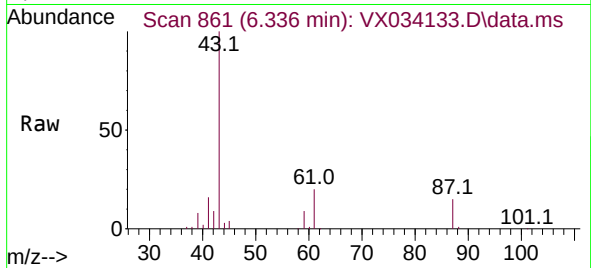
Tgt Ion: 62 Resp: 76244
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.2





#43
Isopropyl Acetate
Concen: 50.155 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

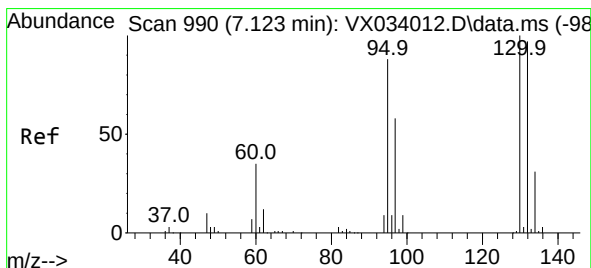
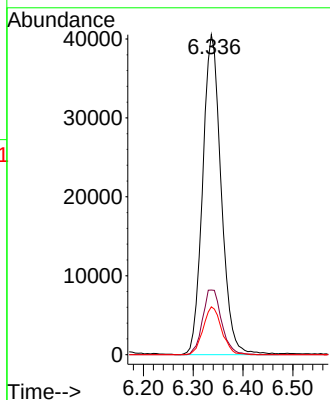
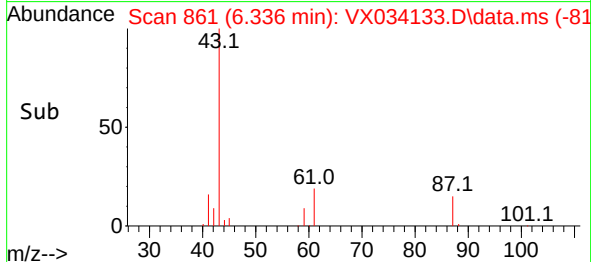
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 104540
Ion Ratio Lower Upper
43 100
61 20.7 15.7 23.5
87 14.9 10.6 15.8

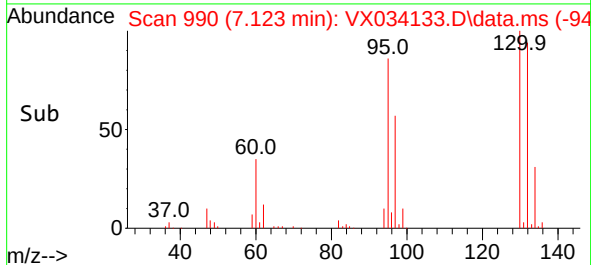
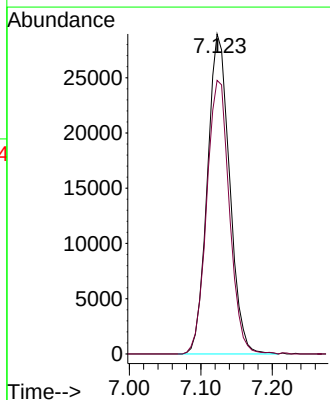
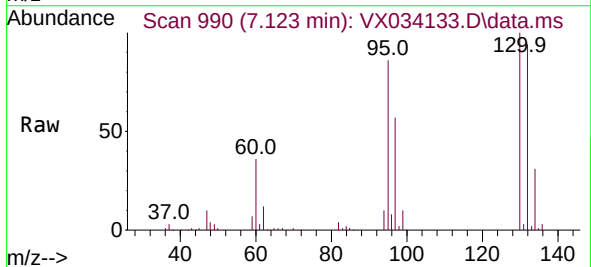
Manual Integrations
APPROVED

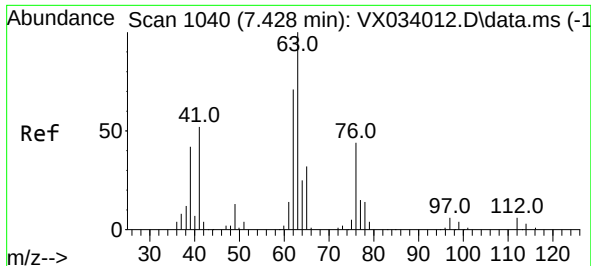
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#44
Trichloroethene
Concen: 48.909 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Tgt Ion:130 Resp: 62399
Ion Ratio Lower Upper
130 100
95 85.5 0.0 182.6





#45

1,2-Dichloropropane

Concen: 47.011 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 4818

Ion Ratio Lower Upper

63 100

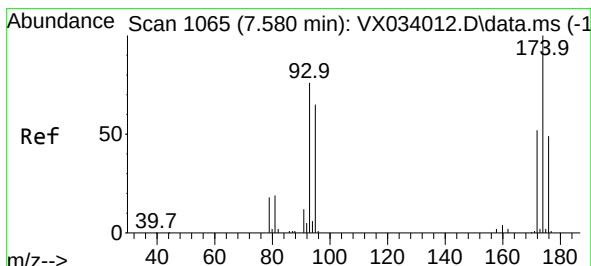
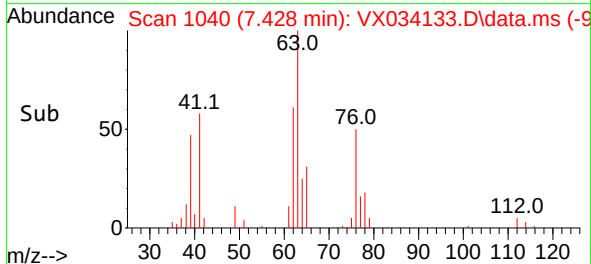
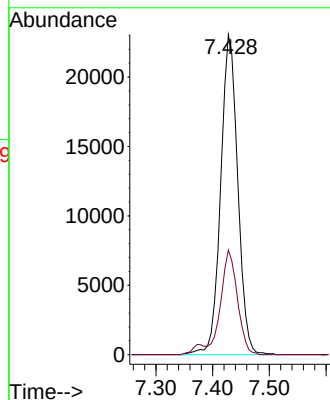
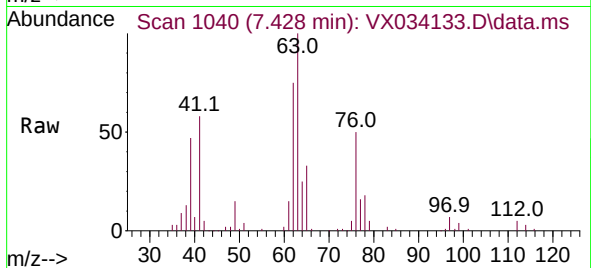
65 32.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#46

Dibromomethane

Concen: 50.366 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

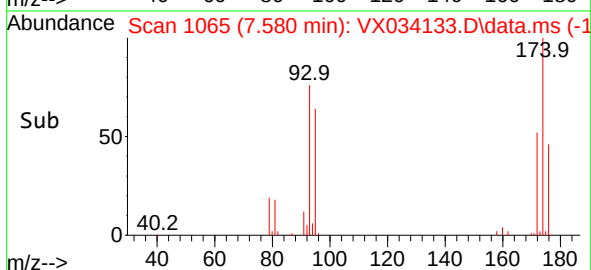
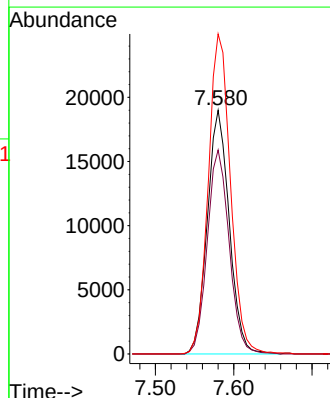
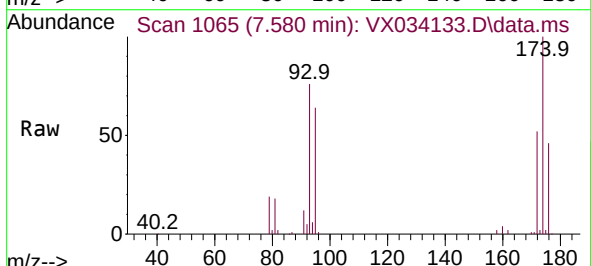
Tgt Ion: 93 Resp: 36983

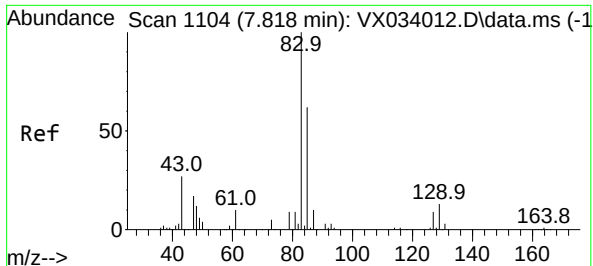
Ion Ratio Lower Upper

93 100

95 83.3 67.6 101.4

174 132.6 97.4 146.0





#47

Bromodichloromethane

Concen: 52.397 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 7290

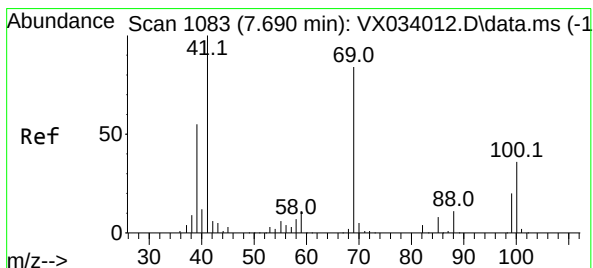
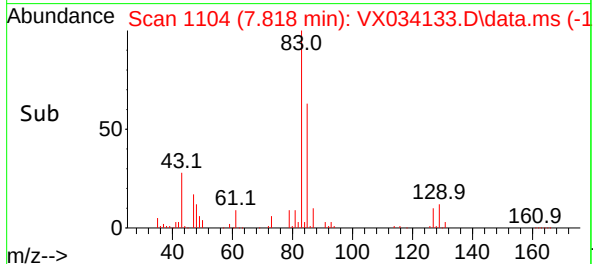
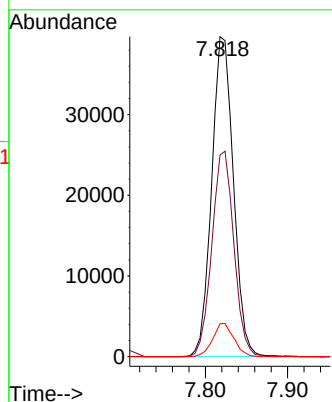
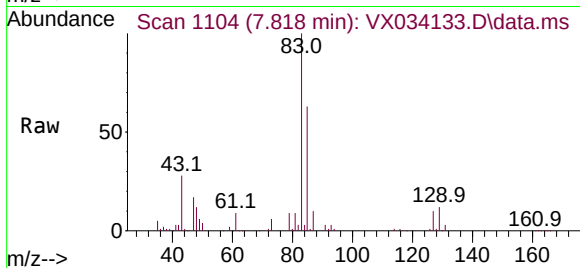
Ion	Ratio	Lower	Upper
83	100		
85	63.1	49.8	74.6
127	10.3	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#48

Methyl methacrylate

Concen: 49.437 ug/l

RT: 7.690 min Scan# 1083

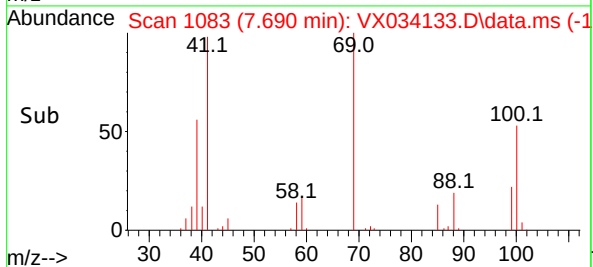
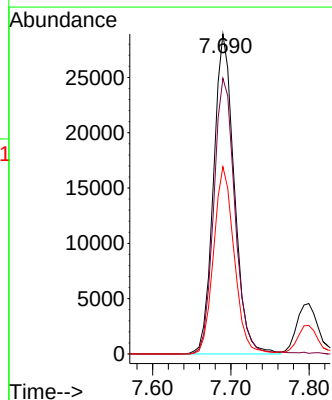
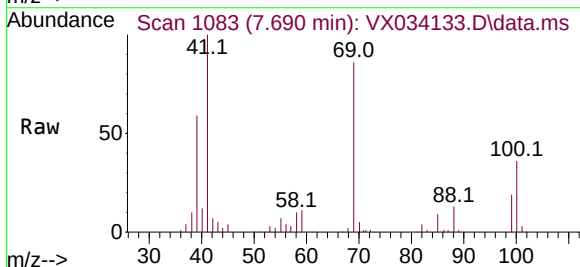
Delta R.T. 0.000 min

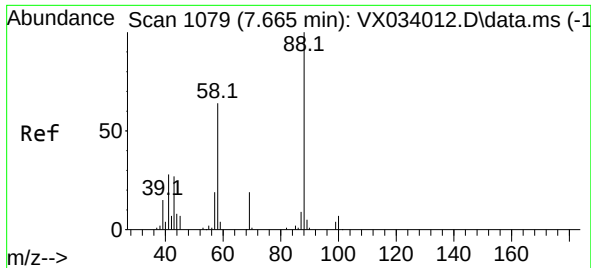
Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Tgt Ion: 41 Resp: 53203

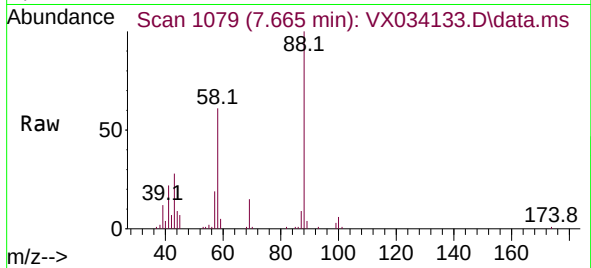
Ion	Ratio	Lower	Upper
41	100		
69	88.0	63.1	94.7
39	58.0	43.2	64.8





#49
1,4-Dioxane
Concen: 1188.560 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

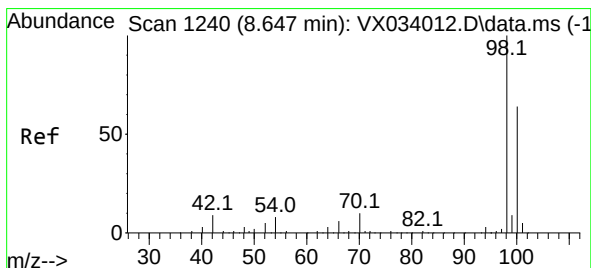
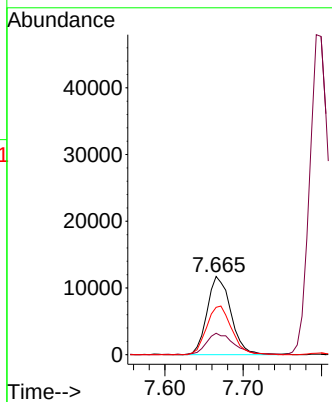
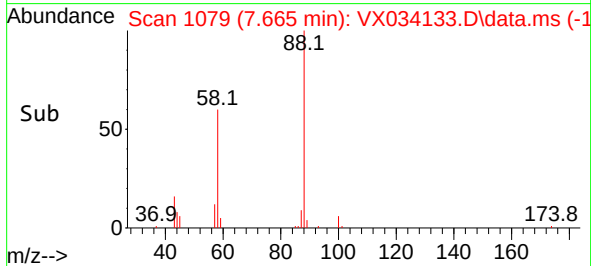
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2462
Ion Ratio Lower Upper
88 100
43 32.2 0.0 0.0
58 65.4 56.5 84.7

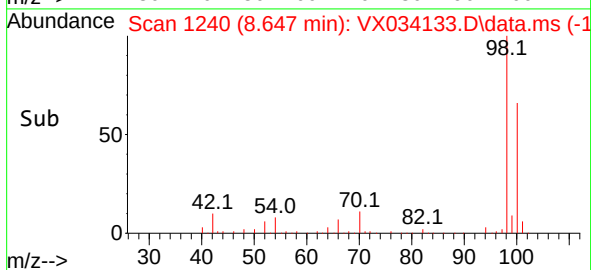
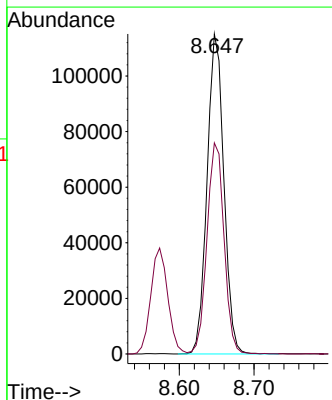
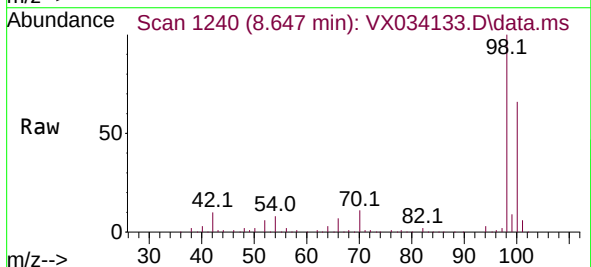
Manual Integrations
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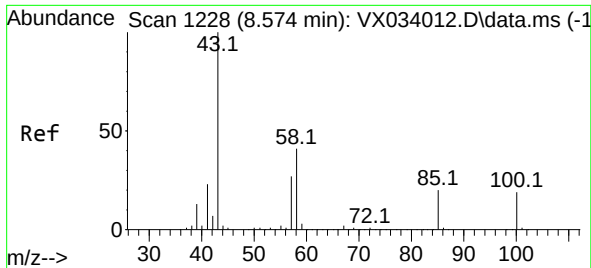
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#50
Toluene-d8
Concen: 47.579 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

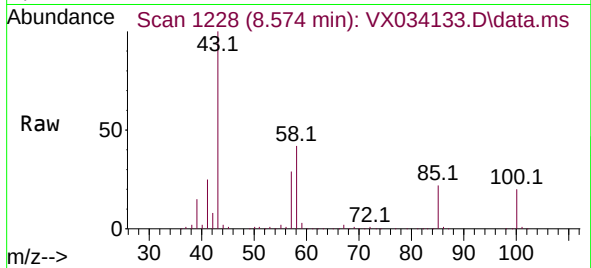
Tgt Ion: 98 Resp: 179380
Ion Ratio Lower Upper
98 100
100 67.1 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 241.090 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

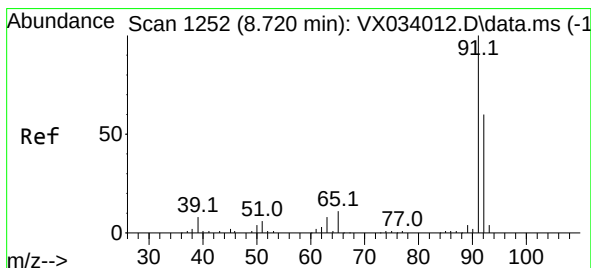
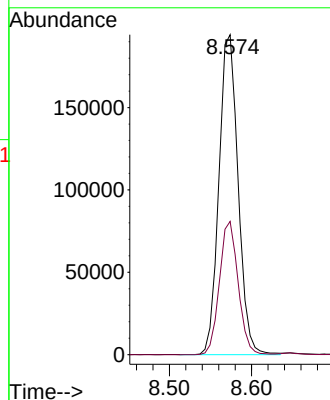
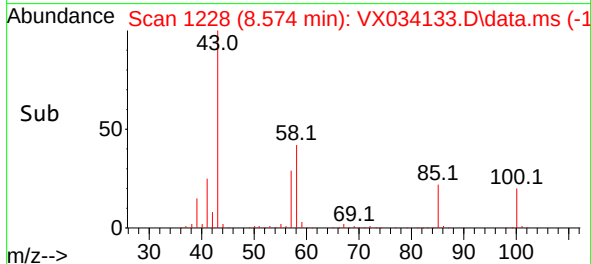
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 315204
Ion Ratio Lower Upper
43 100
58 40.7 31.2 46.8

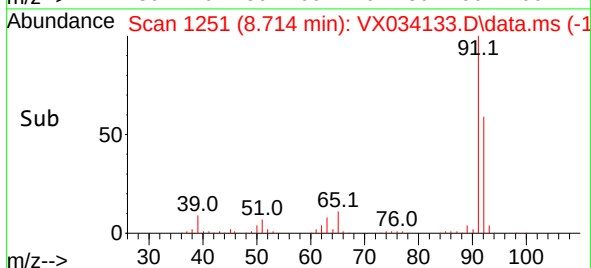
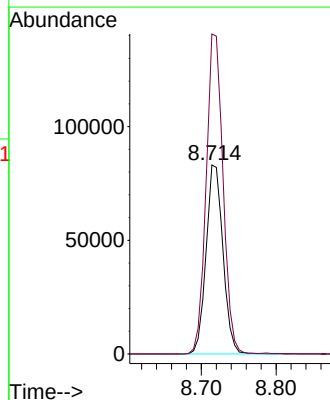
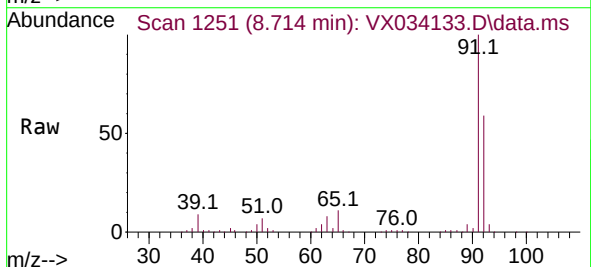
Manual Integrations
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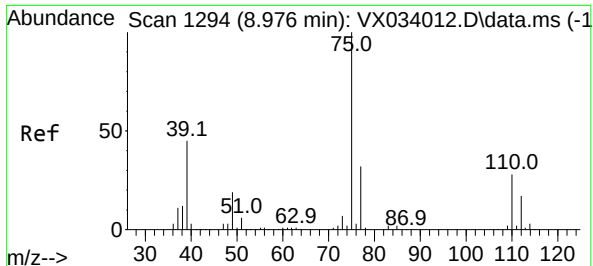
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#52
Toluene
Concen: 48.396 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

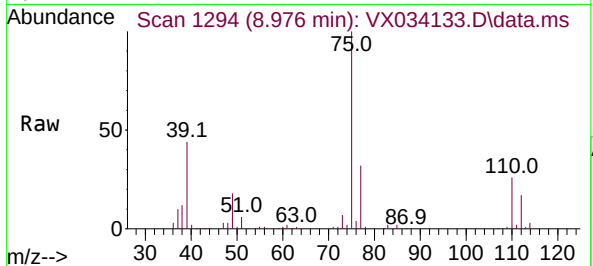
Tgt Ion: 92 Resp: 130197
Ion Ratio Lower Upper
92 100
91 169.2 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 52.657 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

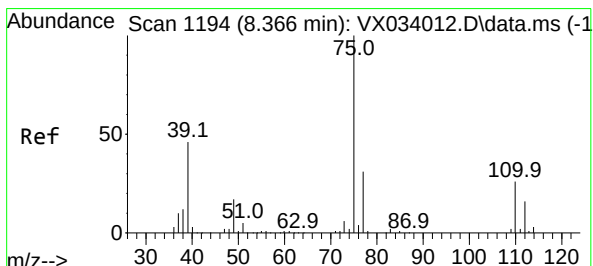
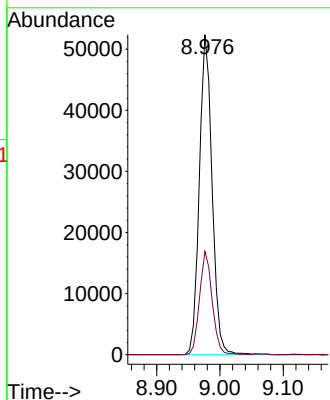
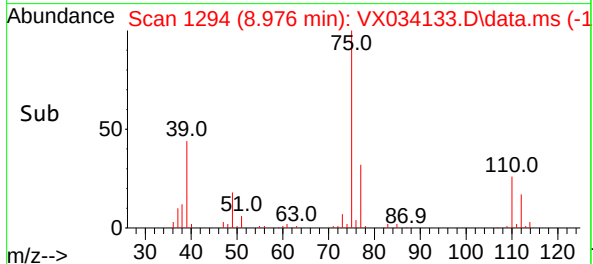
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 73652
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3

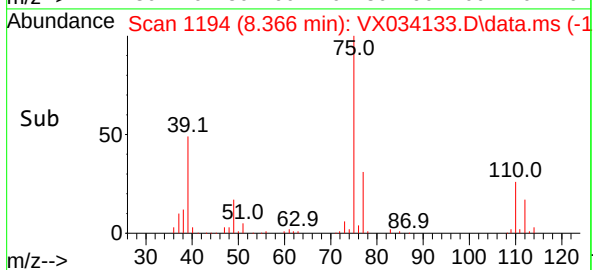
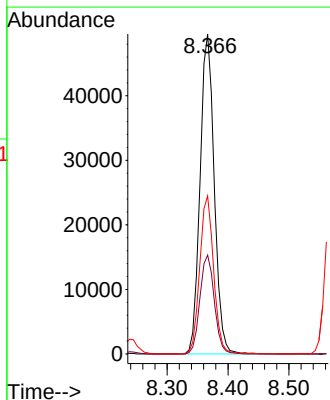
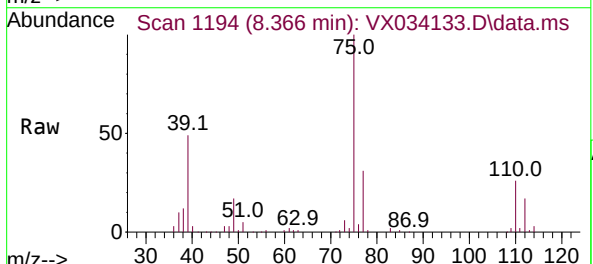
Manual Integrations
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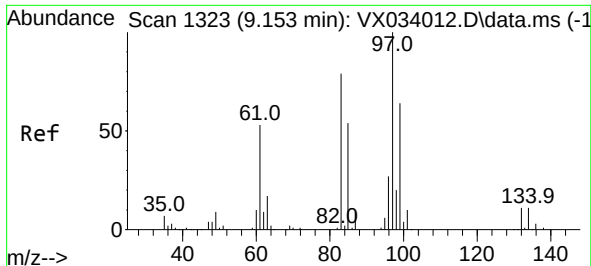
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#54
cis-1,3-Dichloropropene
Concen: 50.386 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

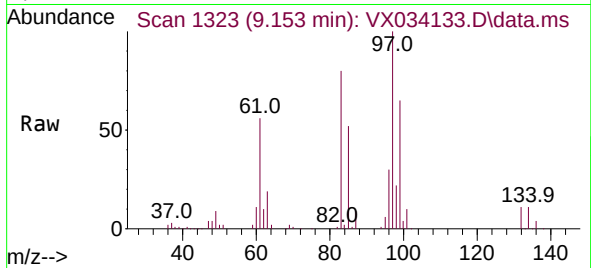
Tgt Ion: 75 Resp: 80183
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6
39 49.4 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 49.670 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

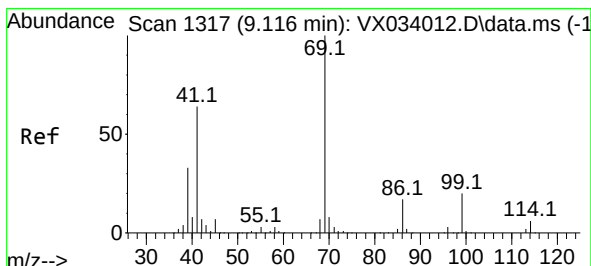
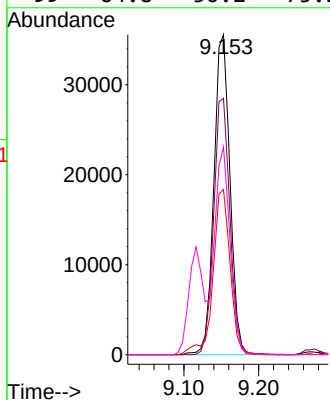
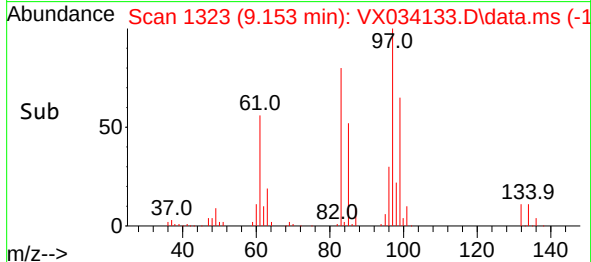


Tgt Ion: 97 Resp: 53374

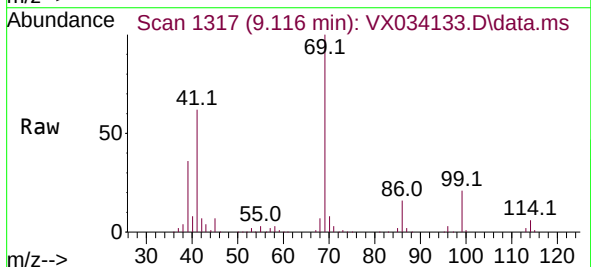
Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.4	101.0
85	51.6	43.2	64.8
99	64.8	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

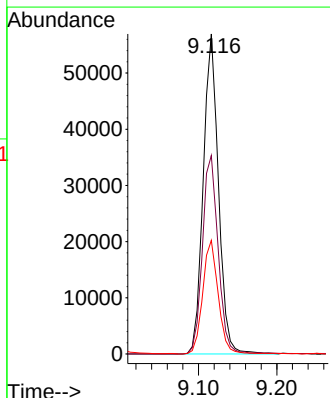
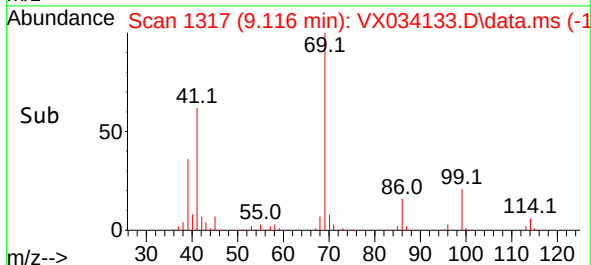


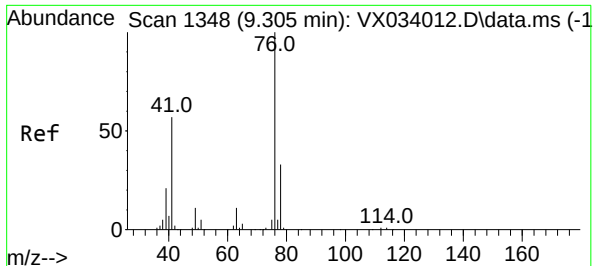
#56
Ethyl methacrylate
Concen: 51.077 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27



Tgt Ion: 69 Resp: 76657

Ion	Ratio	Lower	Upper
69	100		
41	64.0	55.1	82.7
39	36.2	28.5	42.7





#57

1,3-Dichloropropane

Concen: 48.437 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 8502

Ion Ratio Lower Upper

76 100

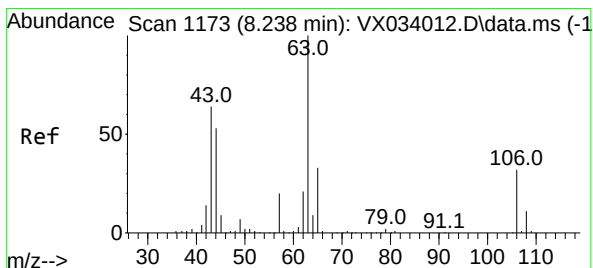
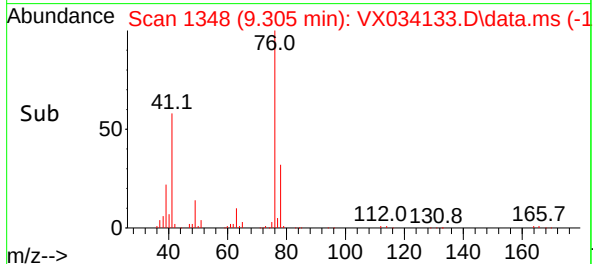
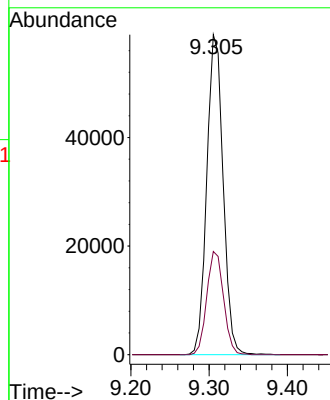
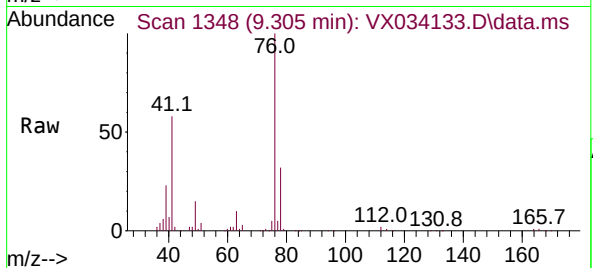
78 33.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 244.033 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034133.D

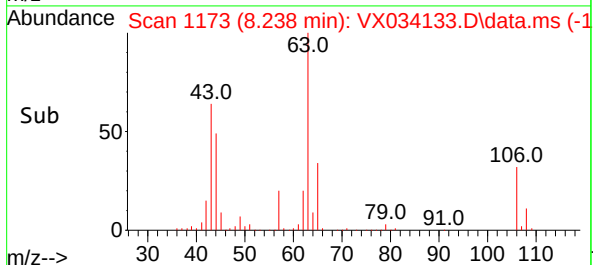
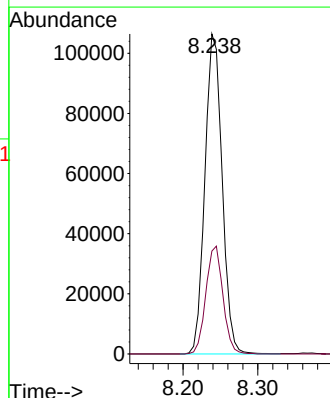
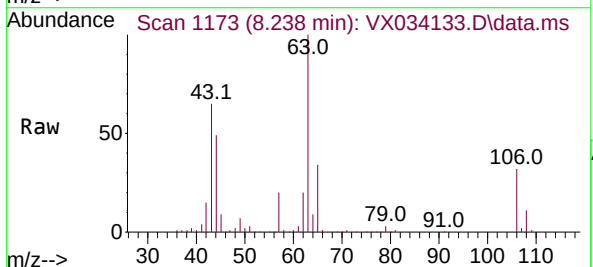
Acq: 10 Feb 2023 22:27

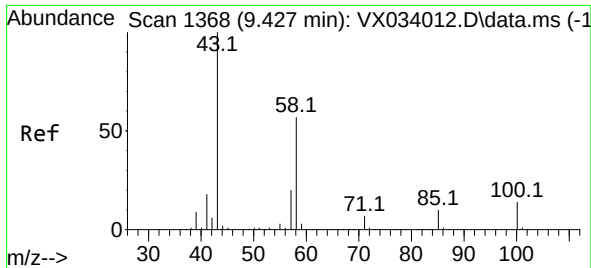
Tgt Ion: 63 Resp: 170406

Ion Ratio Lower Upper

63 100

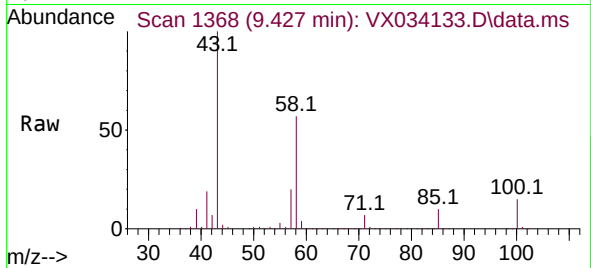
106 33.4 24.5 36.7





#59
2-Hexanone
Concen: 241.796 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

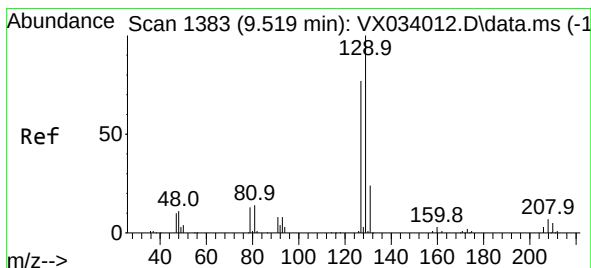
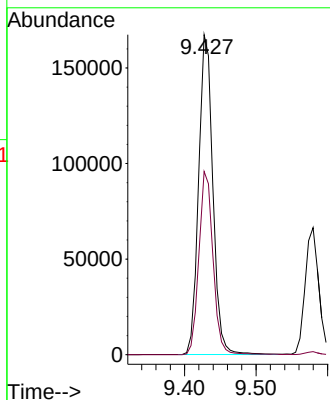
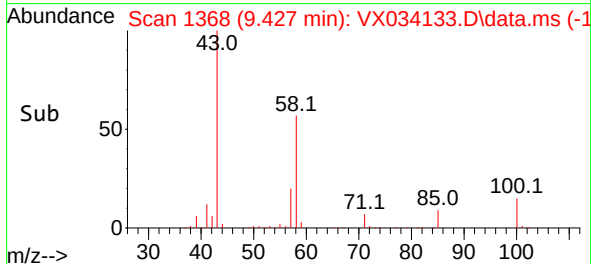
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



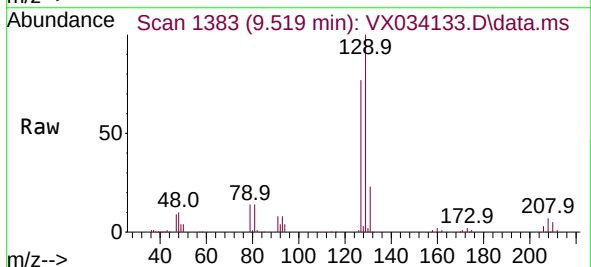
Tgt Ion: 43 Resp: 231345
Ion Ratio Lower Upper
43 100
58 56.9 27.4 82.0

Manual Integrations
APPROVED

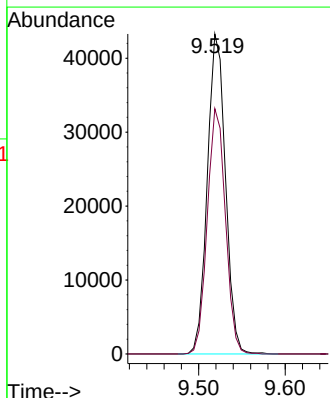
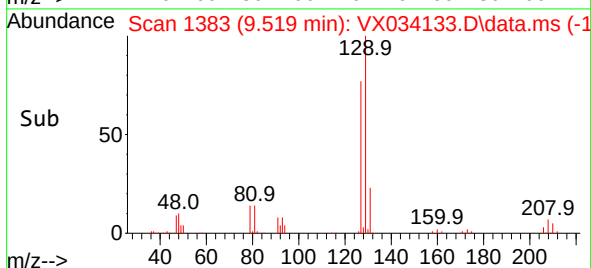
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

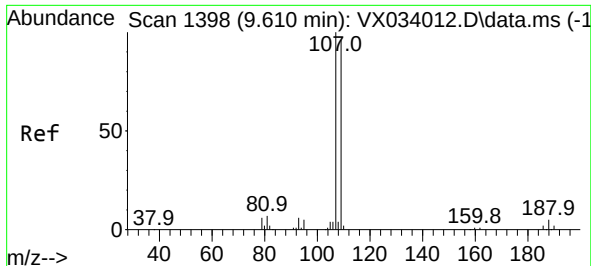


#60
Dibromochloromethane
Concen: 52.862 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27



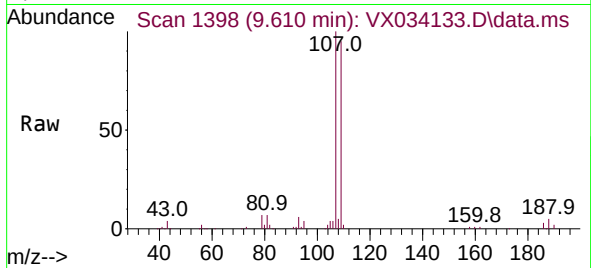
Tgt Ion:129 Resp: 62956
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3





#61
1,2-Dibromoethane
Concen: 50.137 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

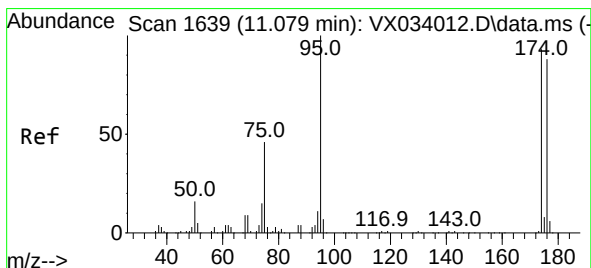
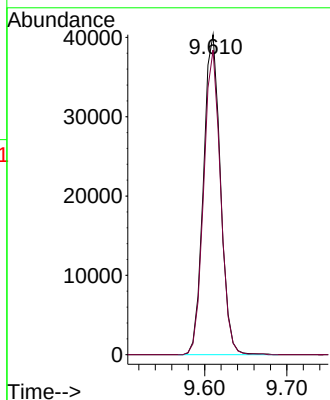
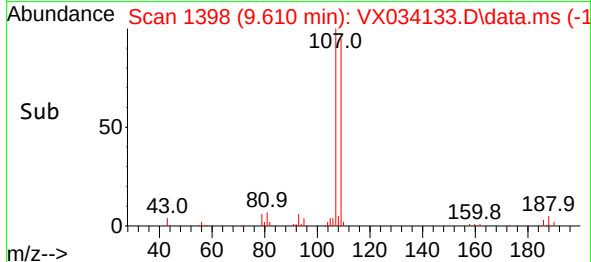
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5793
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.2

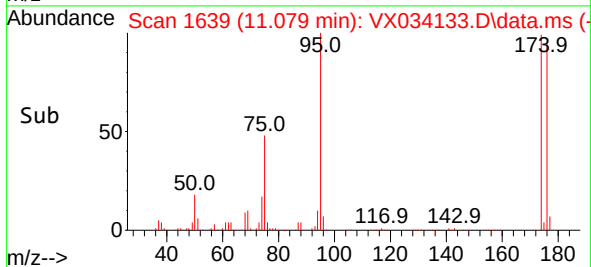
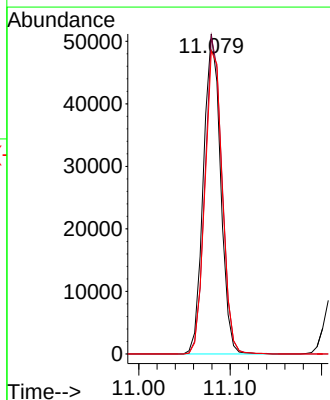
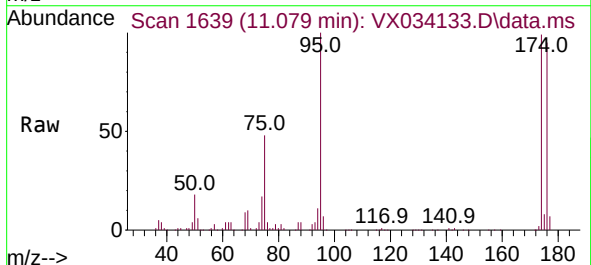
Manual Integrations
APPROVED

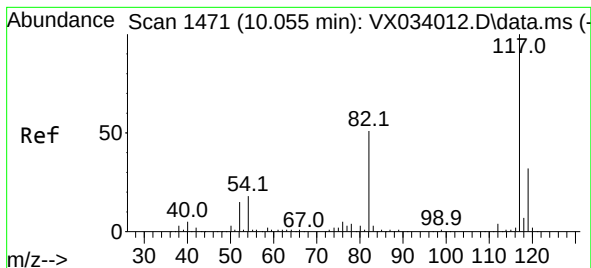
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#62
4-Bromofluorobenzene
Concen: 49.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

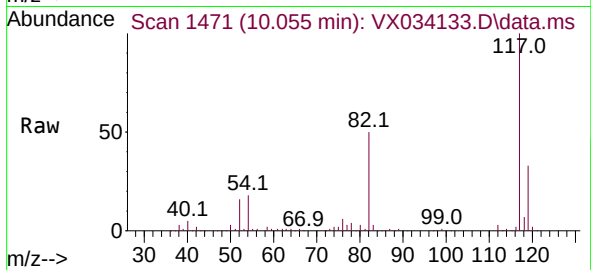
Tgt Ion: 95 Resp: 66353
Ion Ratio Lower Upper
95 100
174 98.4 0.0 184.4
176 96.2 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

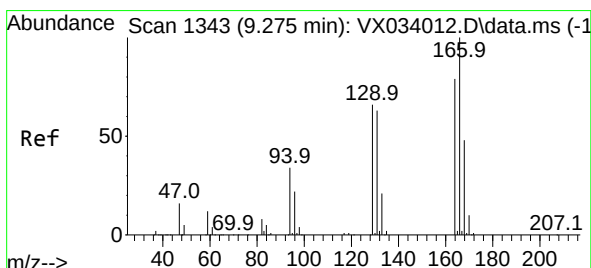
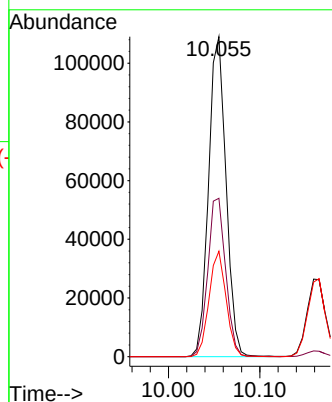
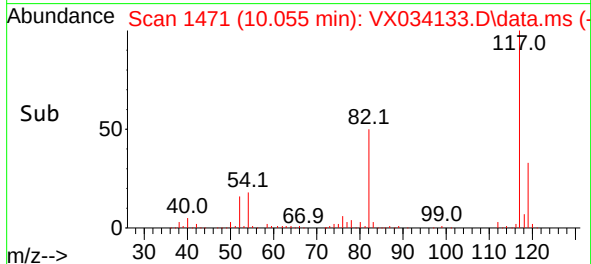
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 144449
Ion Ratio Lower Upper
117 100
82 49.5 40.6 60.8
119 33.0 25.6 38.4

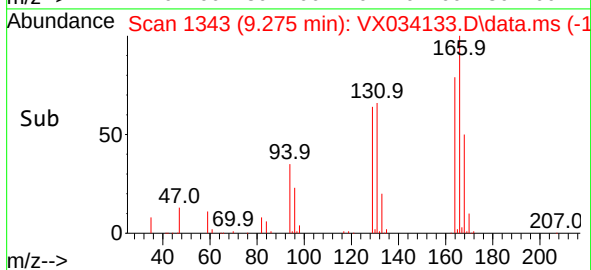
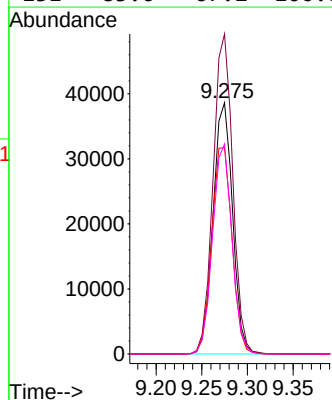
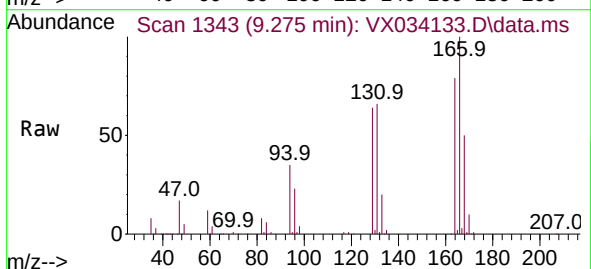
Manual Integrations
APPROVED

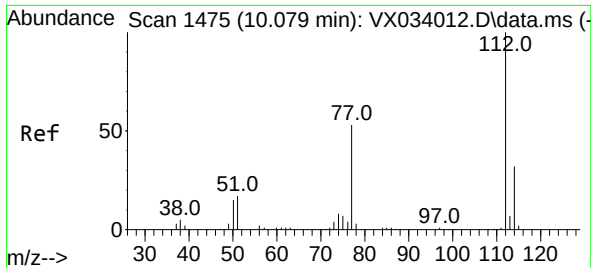
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#64
Tetrachloroethene
Concen: 47.518 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

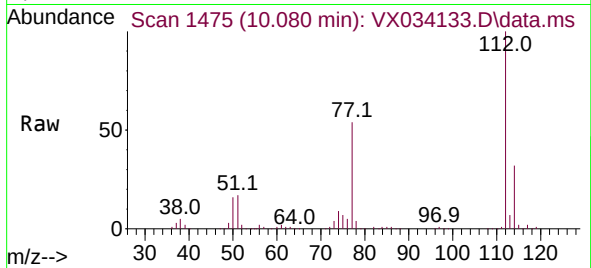
Tgt Ion:164 Resp: 57314
Ion Ratio Lower Upper
164 100
166 127.4 100.2 150.2
129 82.1 69.2 103.8
131 83.6 67.2 100.8





#65
Chlorobenzene
Concen: 48.481 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

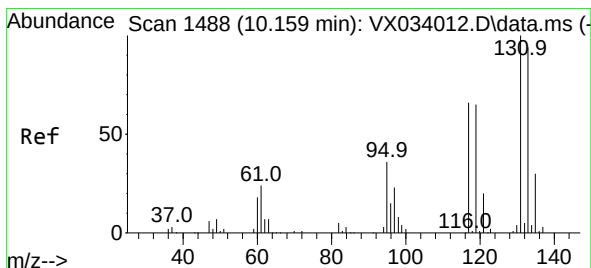
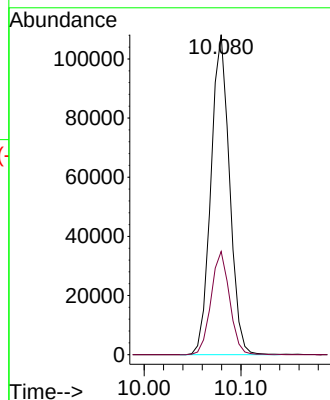
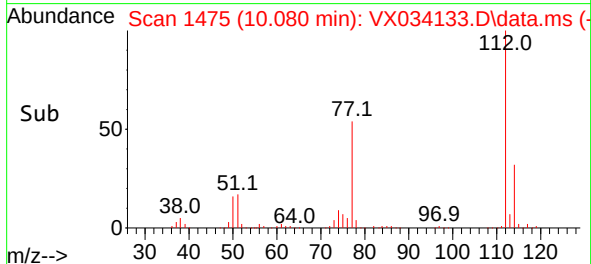
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



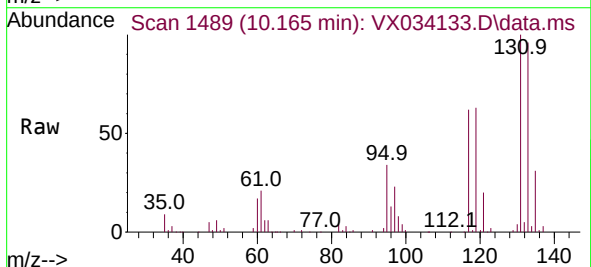
Tgt Ion:112 Resp: 144634
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4

Manual Integrations
APPROVED

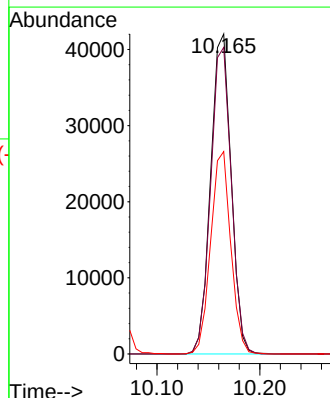
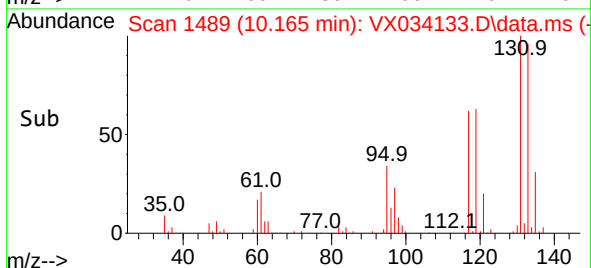
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

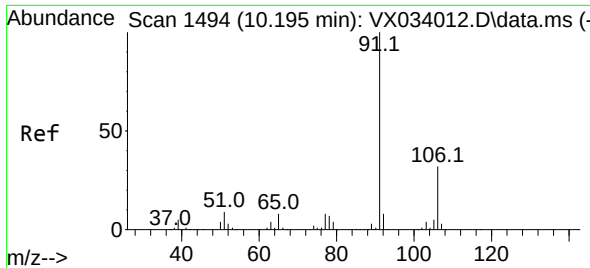


#66
1,1,1,2-Tetrachloroethane
Concen: 51.608 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27



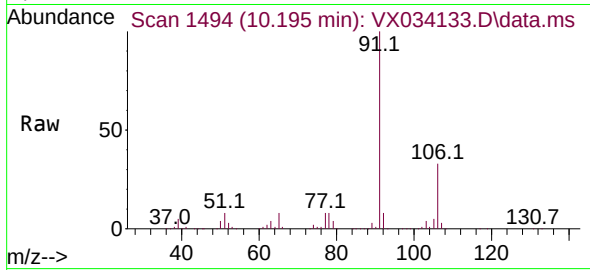
Tgt Ion:131 Resp: 58180
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.0
119 62.2 31.9 95.7





#67
Ethyl Benzene
Concen: 49.182 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

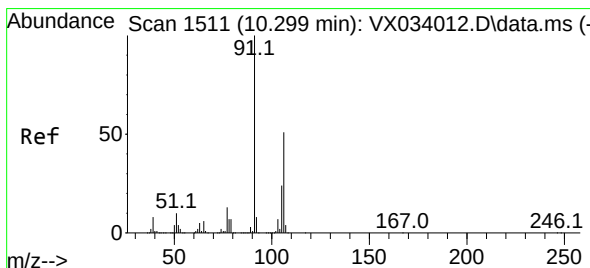
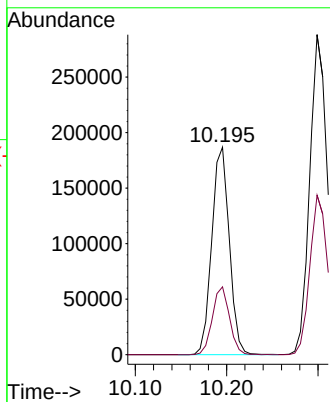
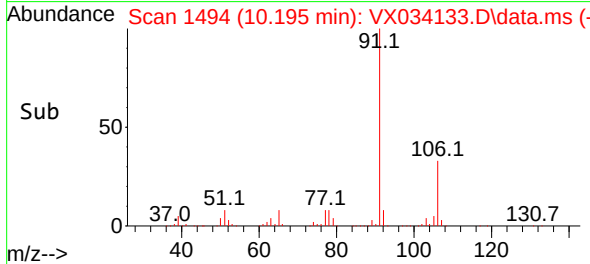
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



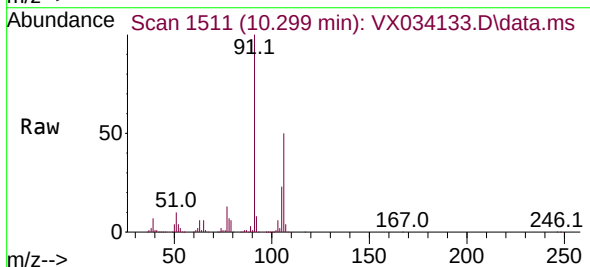
Tgt Ion: 91 Resp: 248344
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.8

Manual Integrations
APPROVED

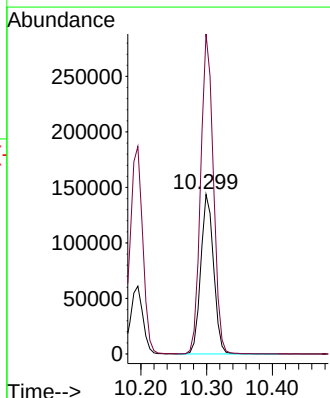
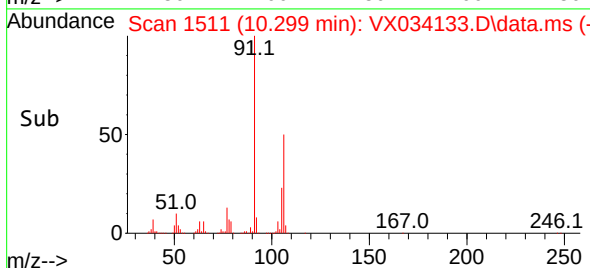
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

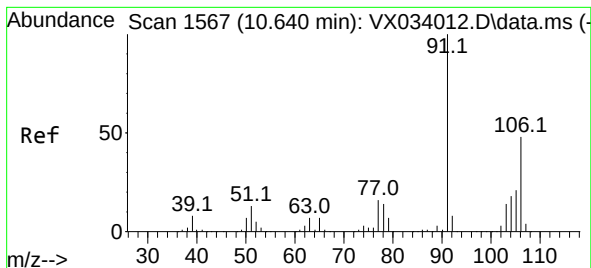


#68
m/p-Xylenes
Concen: 96.602 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27



Tgt Ion:106 Resp: 194978
Ion Ratio Lower Upper
106 100
91 199.2 156.4 234.6





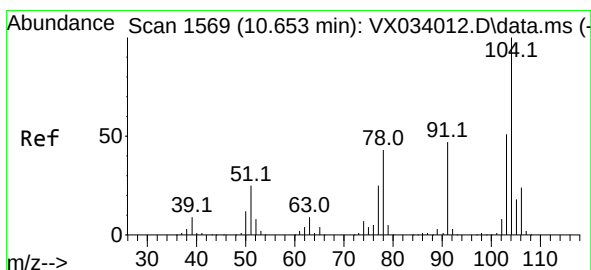
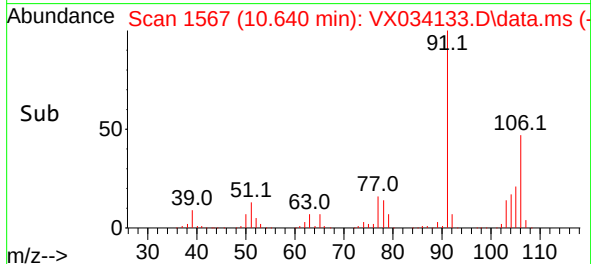
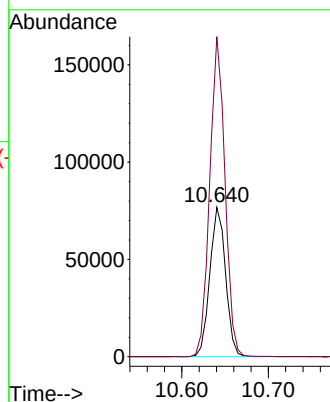
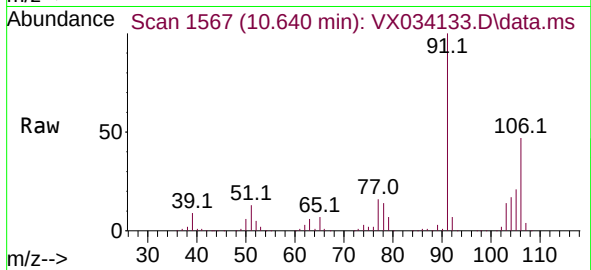
#69
o-Xylene
Concen: 50.066 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 9705
Ion Ratio Lower Upper
106 100
91 207.4 103.1 309.3

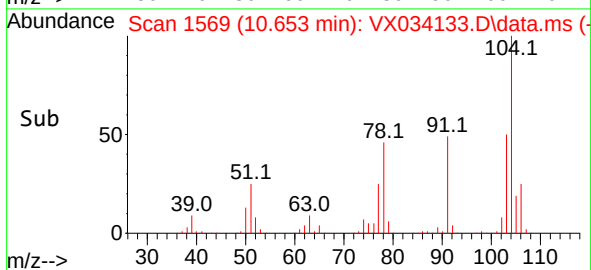
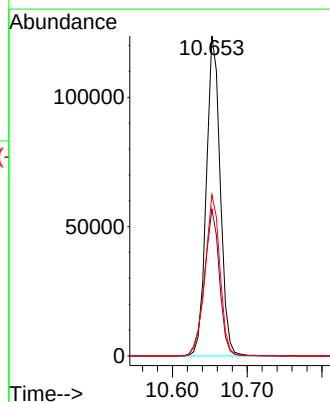
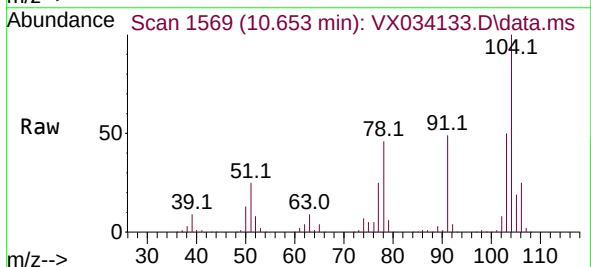
Manual Integrations
APPROVED

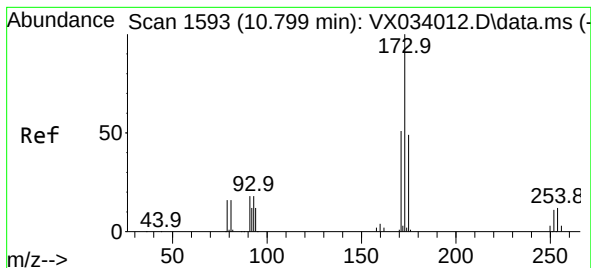
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#70
Styrene
Concen: 50.036 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Tgt Ion:104 Resp: 159750
Ion Ratio Lower Upper
104 100
78 49.4 37.5 56.3
103 54.4 43.3 64.9





#71

Bromoform

Concen: 55.280 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

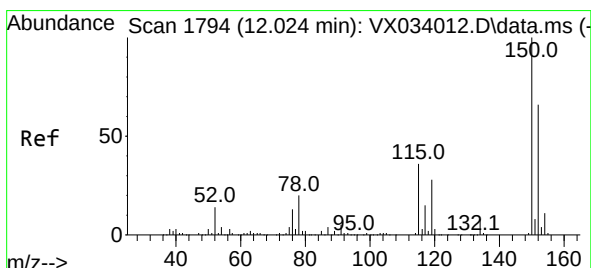
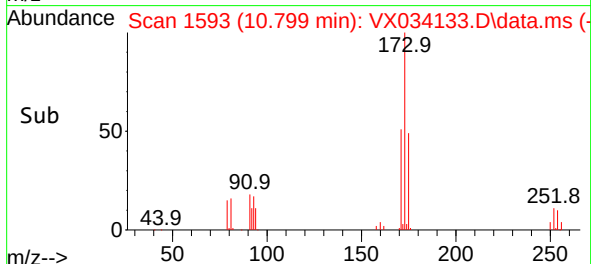
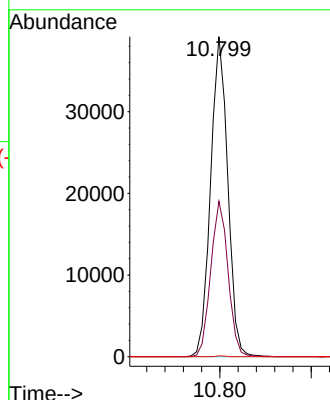
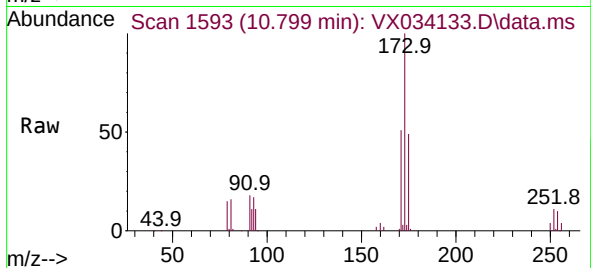
Tgt Ion:173 Resp: 50834
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.1 72.3
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

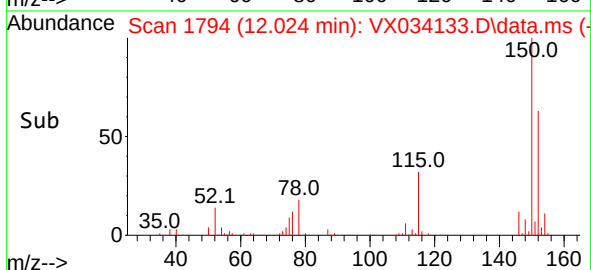
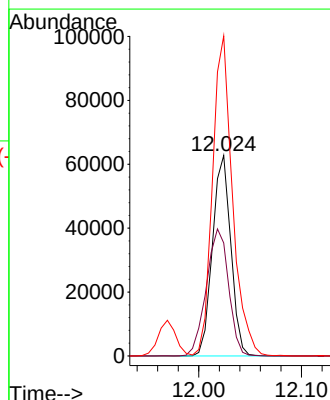
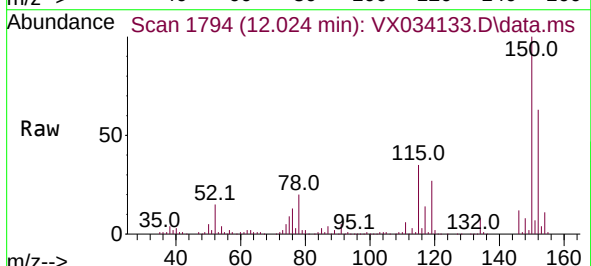
RT: 12.024 min Scan# 1794

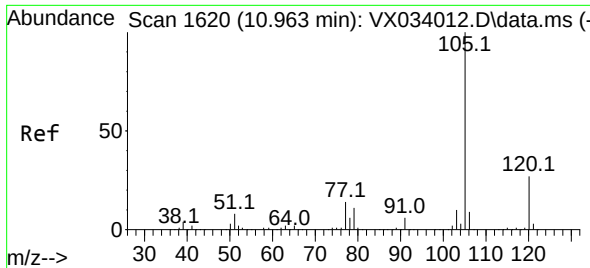
Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

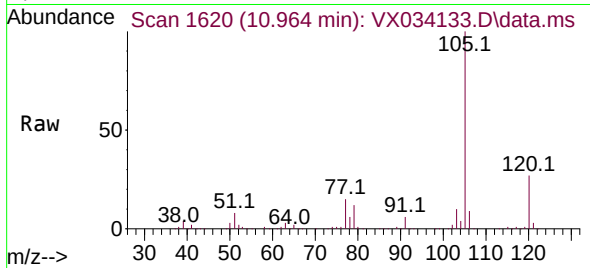
Tgt Ion:152 Resp: 77783
 Ion Ratio Lower Upper
 152 100
 115 77.0 38.7 116.1
 150 173.9 0.0 348.2





#73
Isopropylbenzene
Concen: 48.948 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

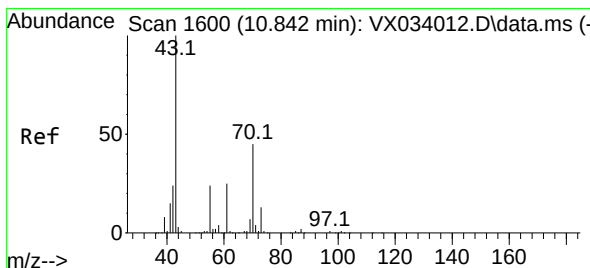
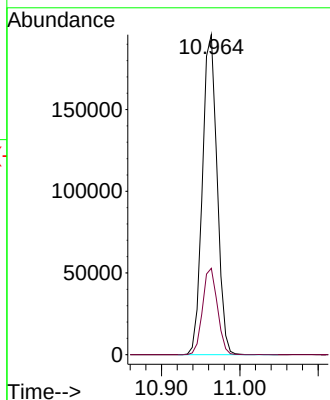
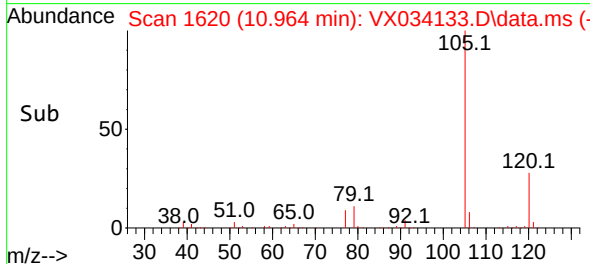
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



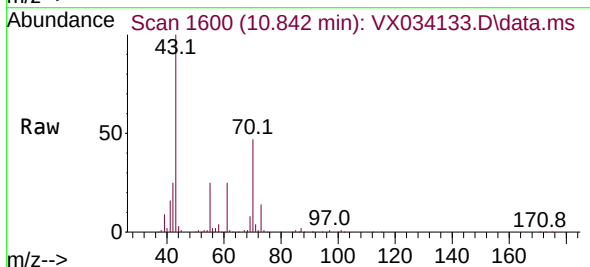
Tgt Ion:105 Resp: 254452
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8

Manual Integrations
APPROVED

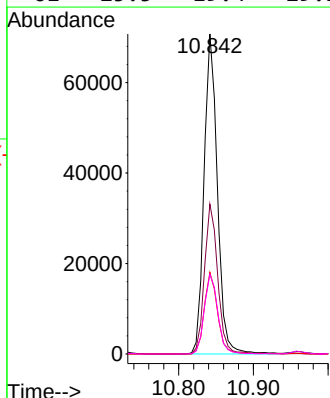
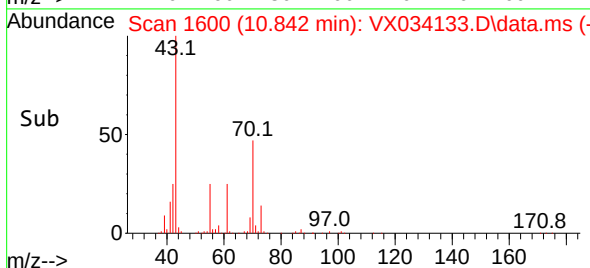
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

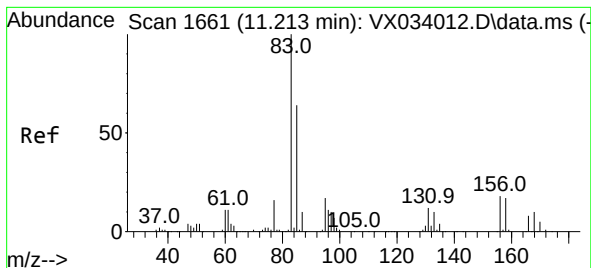


#74
N-ethyl acetate
Concen: 50.989 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27



Tgt Ion: 43 Resp: 87321
Ion Ratio Lower Upper
43 100
70 47.0 34.8 52.2
55 25.5 19.4 29.0
61 25.5 19.4 29.2





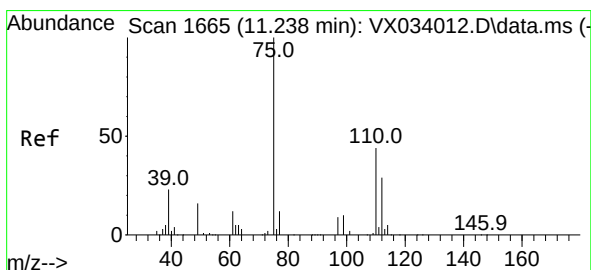
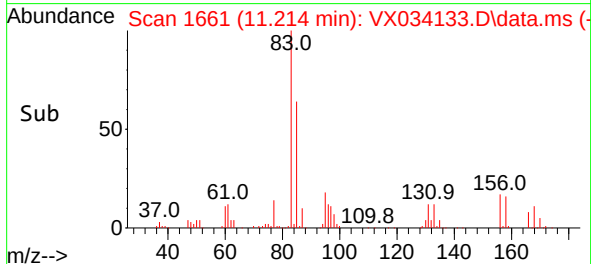
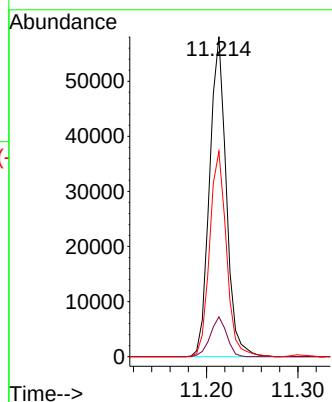
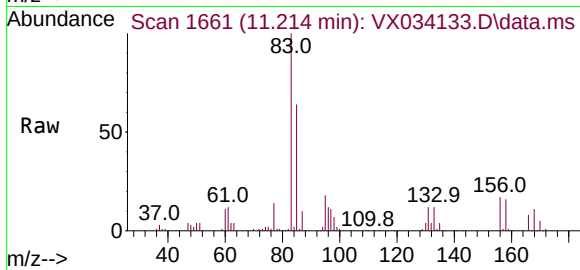
#75
1,1,2,2-Tetrachloroethane
Concen: 47.289 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 73960
Ion Ratio Lower Upper
83 100
131 12.2 5.5 16.7
85 64.4 32.3 96.9

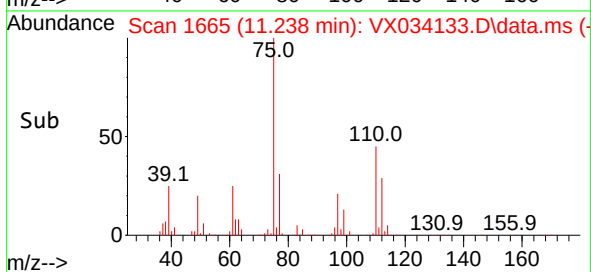
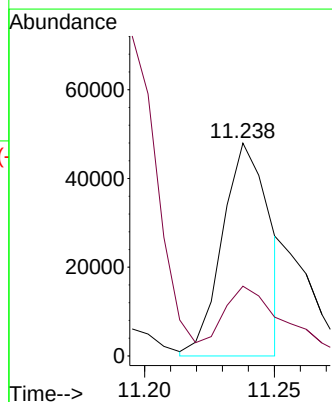
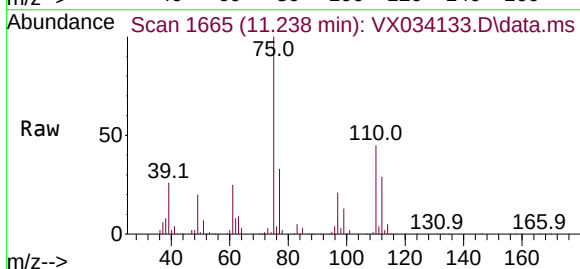
Manual Integrations
APPROVED

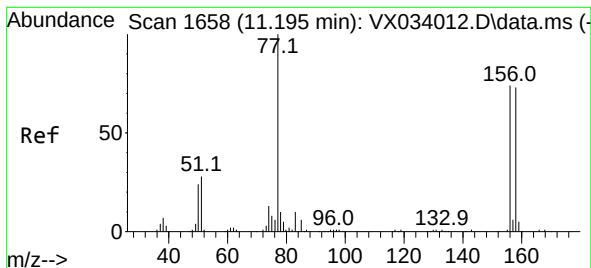
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#76
1,2,3-Trichloropropane
Concen: 45.237 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

Tgt Ion: 75 Resp: 60418
Ion Ratio Lower Upper
75 100
77 43.3 21.8 65.4





#77

Bromobenzene

Concen: 48.639 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

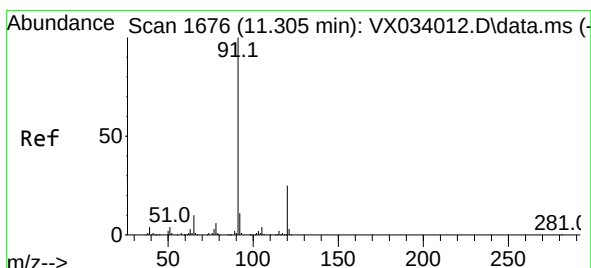
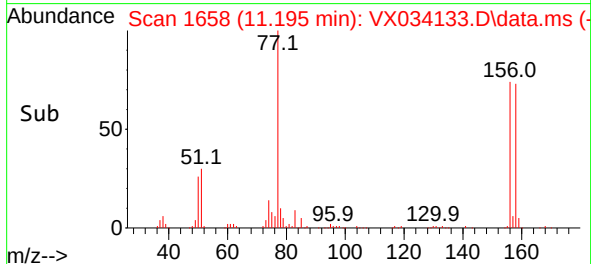
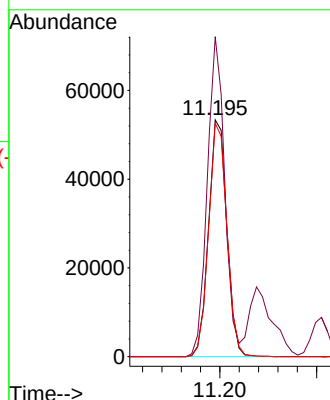
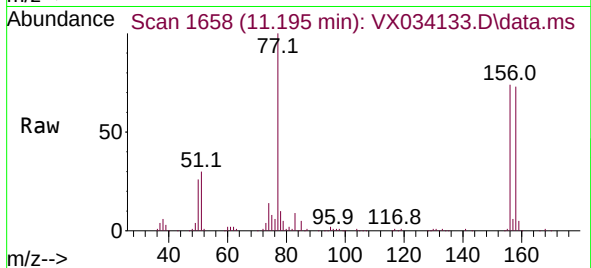
Tgt Ion:	156	Resp:	7011
Ion Ratio	Lower	Upper	
156	100		
77	128.6	68.1	204.3
158	98.6	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#78

n-propylbenzene

Concen: 48.473 ug/l

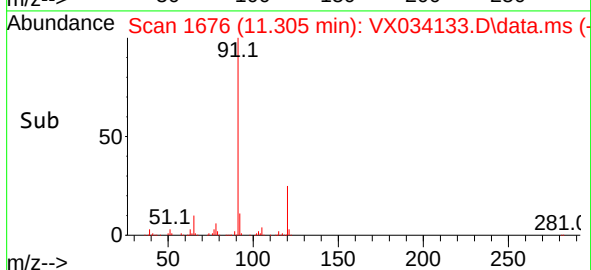
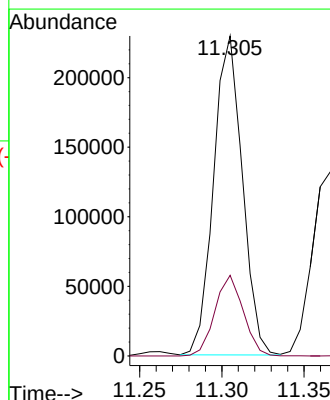
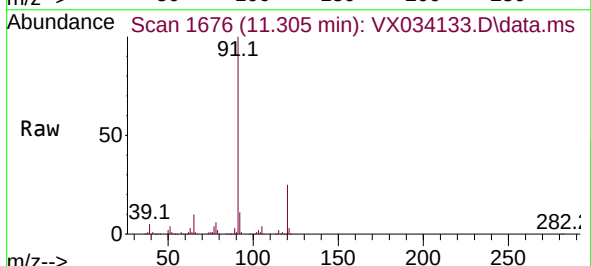
RT: 11.305 min Scan# 1676

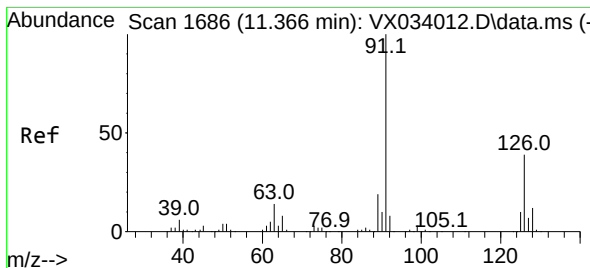
Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

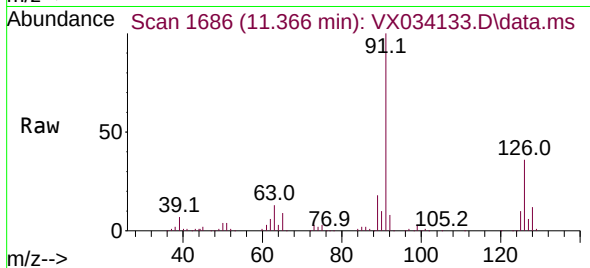
Tgt Ion:	91	Resp:	278614
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.3	36.8





#79
2-Chlorotoluene
Concen: 48.274 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

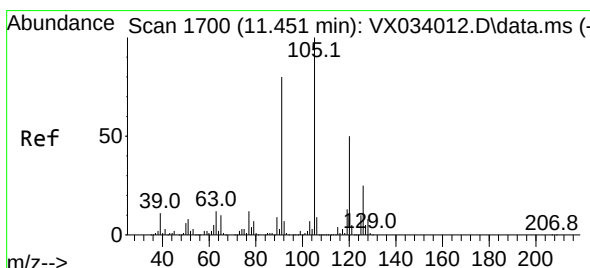
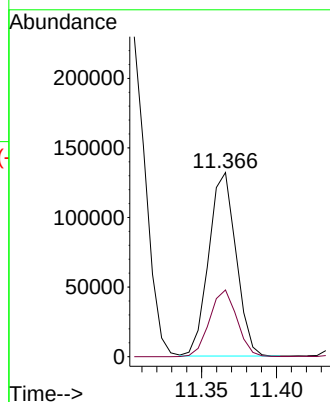
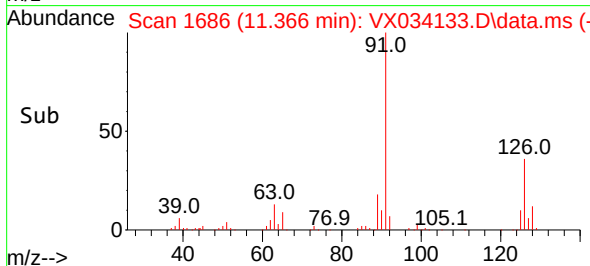
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



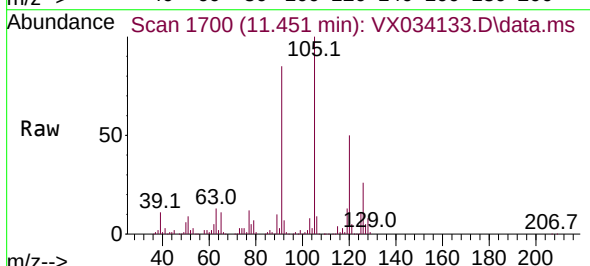
Tgt Ion: 91 Resp: 16800
Ion Ratio Lower Upper
91 100
126 36.4 18.1 54.1

Manual Integrations
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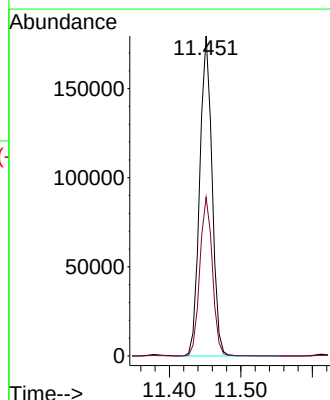
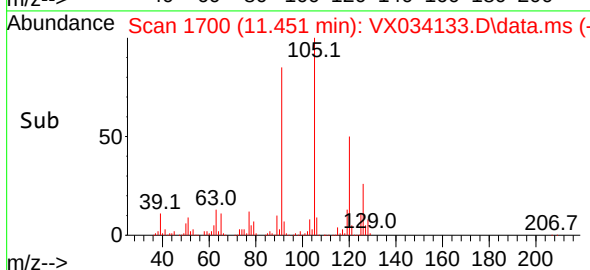
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

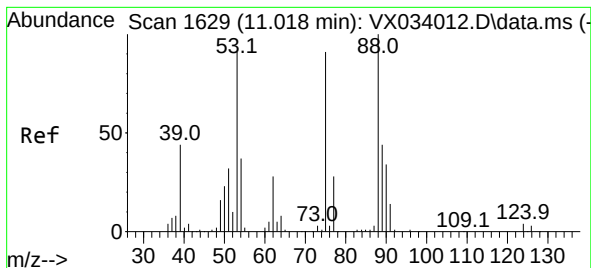


#80
1,3,5-Trimethylbenzene
Concen: 49.677 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27



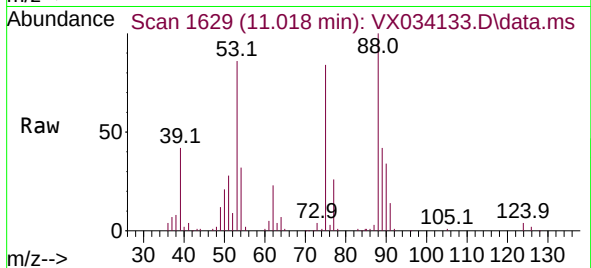
Tgt Ion:105 Resp: 214952
Ion Ratio Lower Upper
105 100
120 50.4 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.660 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

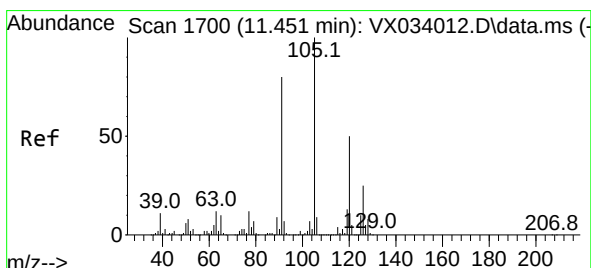
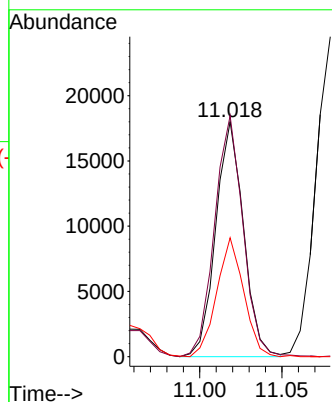
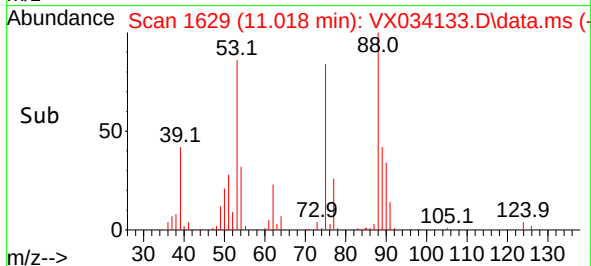
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2110
Ion Ratio Lower Upper
75 100
53 105.0 83.0 124.6
89 49.3 37.7 56.5

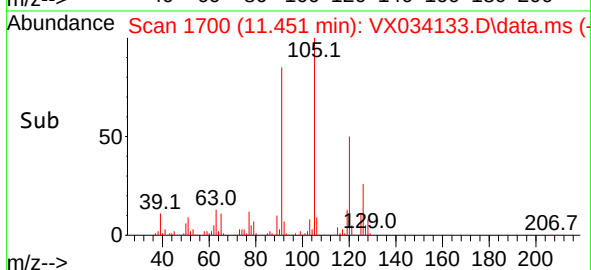
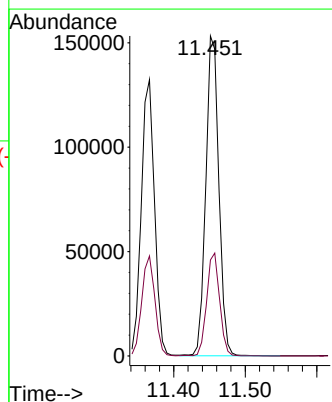
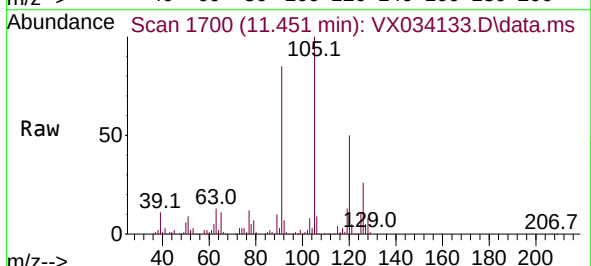
Manual Integrations
APPROVED

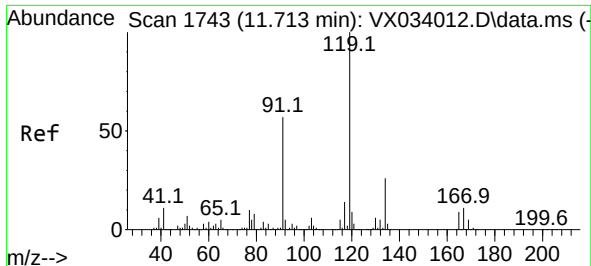
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#82
4-Chlorotoluene
Concen: 49.405 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

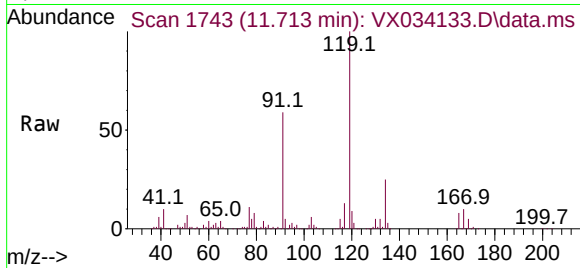
Tgt Ion: 91 Resp: 194468
Ion Ratio Lower Upper
91 100
126 31.9 15.8 47.4





#83
tert-Butylbenzene
Concen: 50.047 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

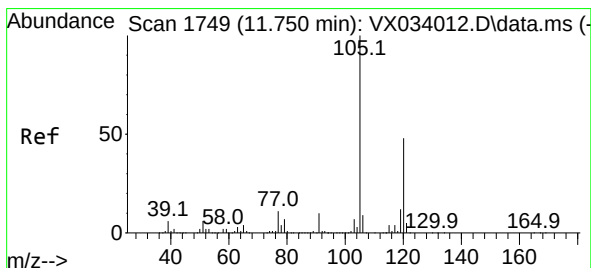
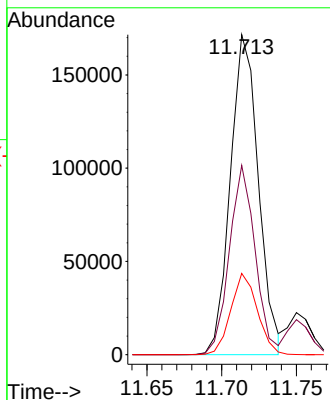
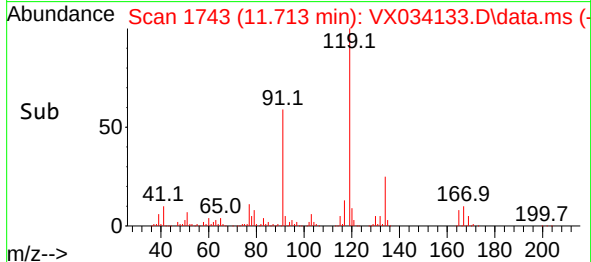
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



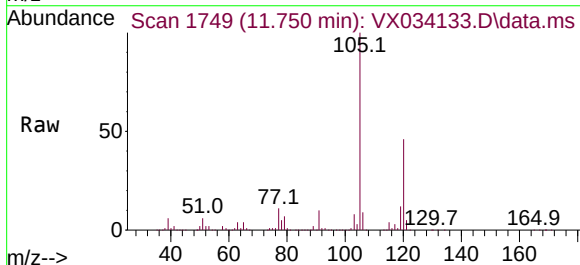
Tgt Ion:119 Resp: 223729
Ion Ratio Lower Upper
119 100
91 54.5 26.9 80.7
134 24.0 12.3 36.8

Manual Integrations
APPROVED

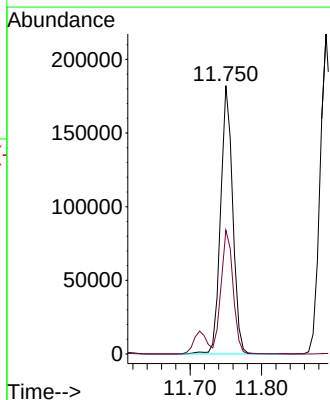
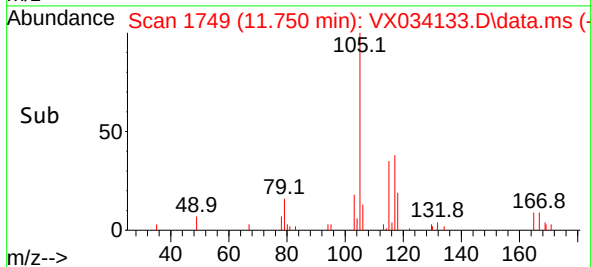
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

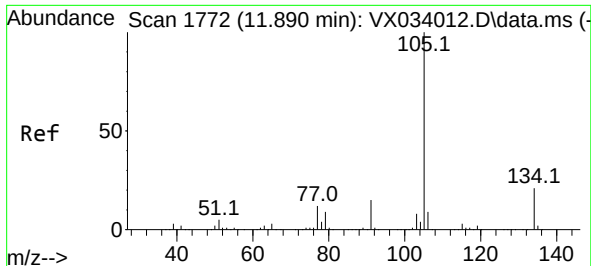


#84
1,2,4-Trimethylbenzene
Concen: 49.556 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27



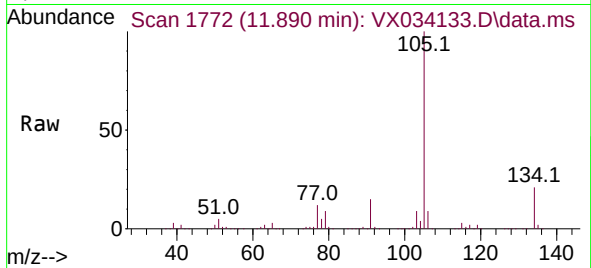
Tgt Ion:105 Resp: 214225
Ion Ratio Lower Upper
105 100
120 45.6 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 49.080 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034133.D
 Acq: 10 Feb 2023 22:27

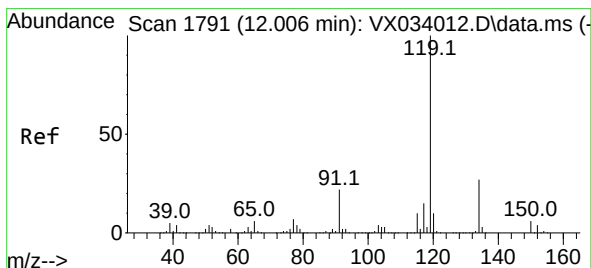
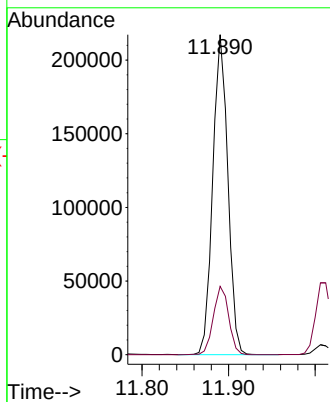
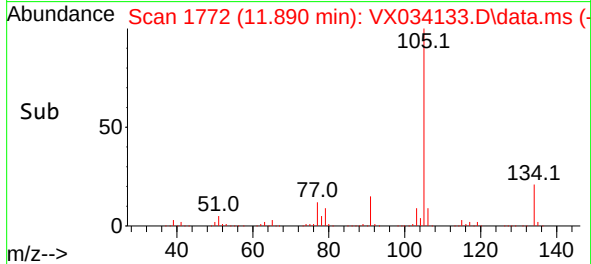
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



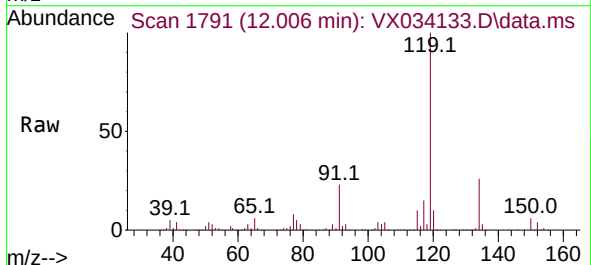
Tgt Ion:105 Resp: 26250
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.8 32.3

Manual Integrations
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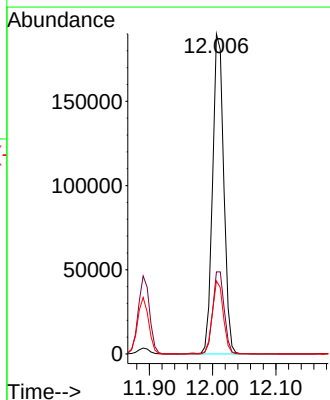
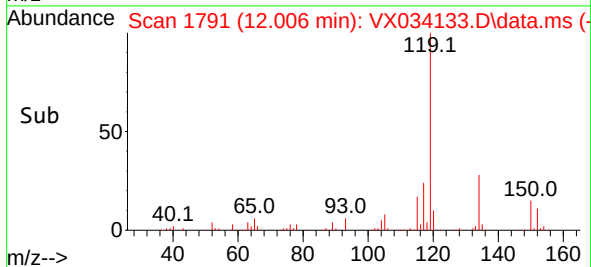
Reviewed By :John Carlone 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

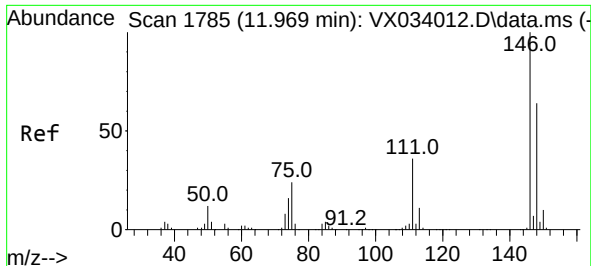


#86
 p-Isopropyltoluene
 Concen: 49.713 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034133.D
 Acq: 10 Feb 2023 22:27



Tgt Ion:119 Resp: 233209
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.6 40.8
 91 22.5 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 48.268 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 12767

Ion Ratio Lower Upper

146 100

111 36.9 18.6 55.6

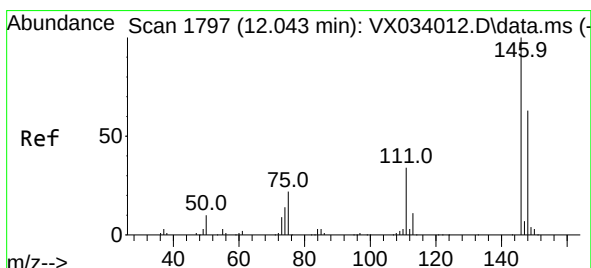
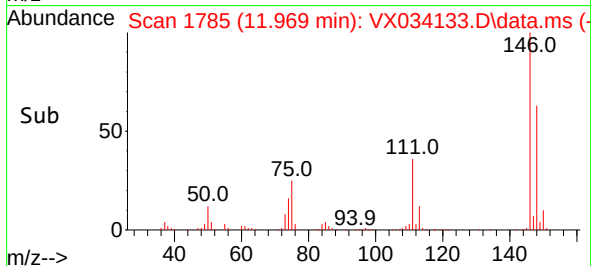
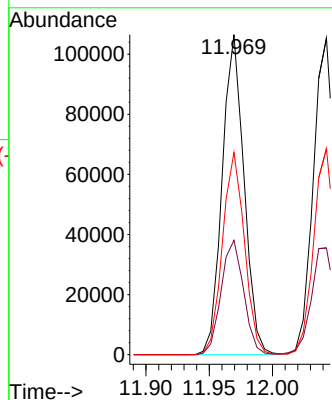
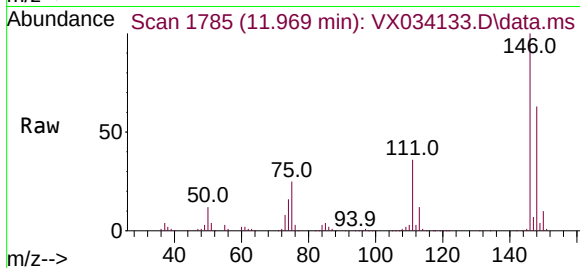
148 63.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#88

1,4-Dichlorobenzene

Concen: 48.038 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

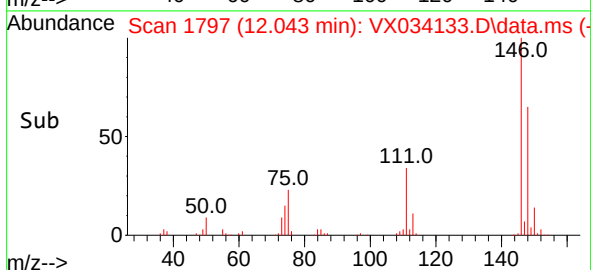
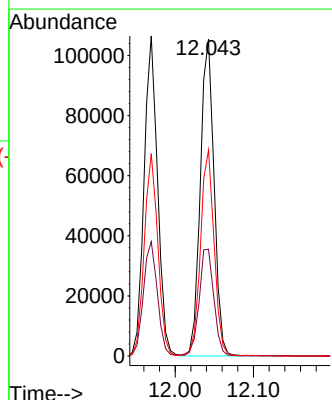
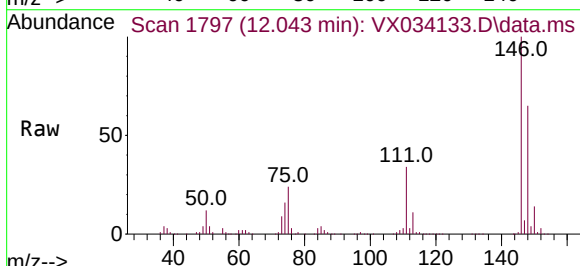
Tgt Ion:146 Resp: 129002

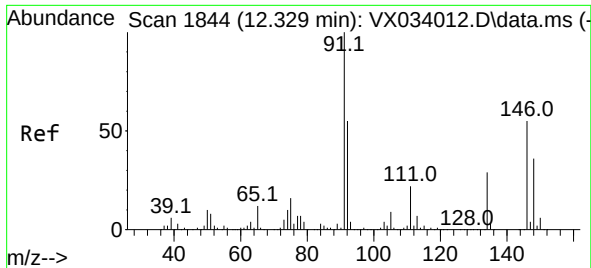
Ion Ratio Lower Upper

146 100

111 36.0 17.8 53.4

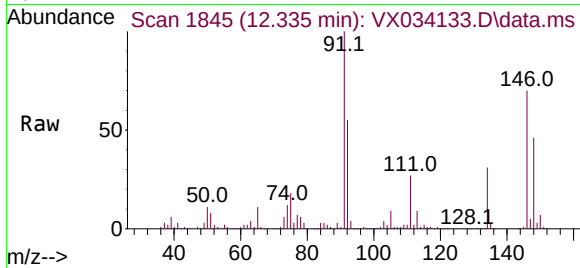
148 64.2 32.1 96.3





#89
n-Butylbenzene
Concen: 49.266 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

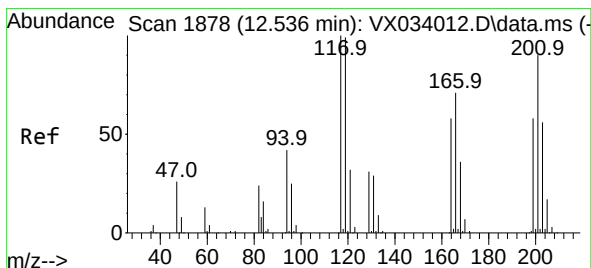
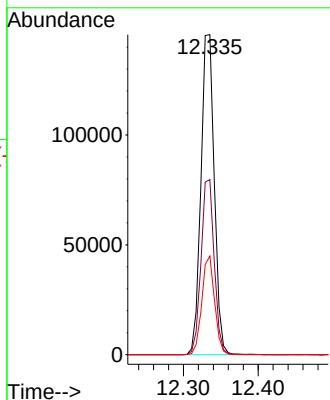
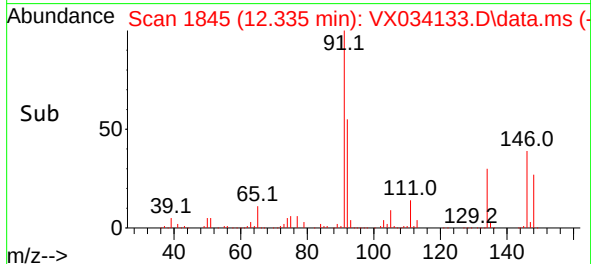
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 181198
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.5
134 29.4 14.3 42.9

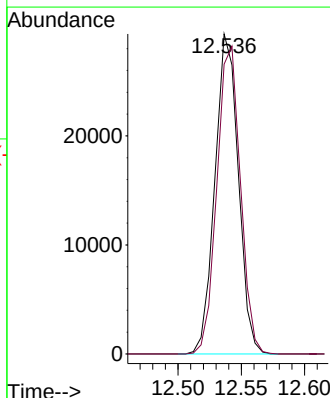
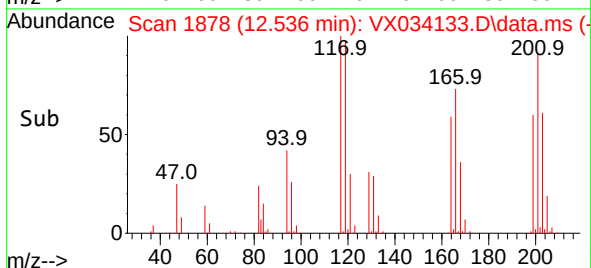
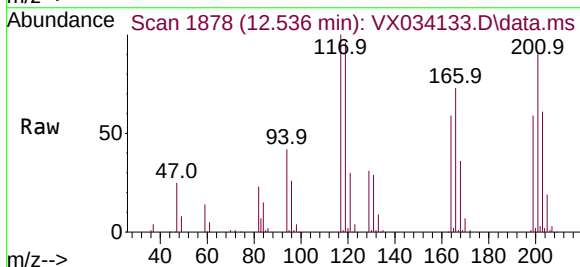
Manual Integrations
APPROVED

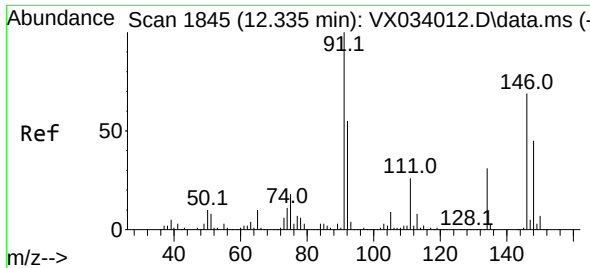
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#90
Hexachloroethane
Concen: 51.010 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

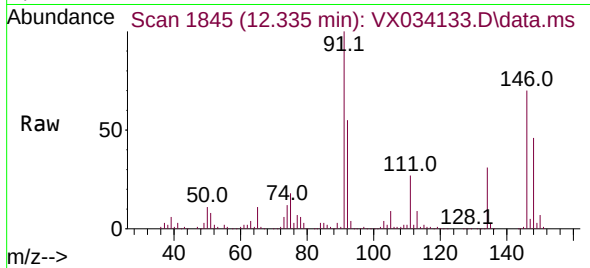
Tgt Ion:117 Resp: 37671
Ion Ratio Lower Upper
117 100
201 96.8 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 48.363 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27

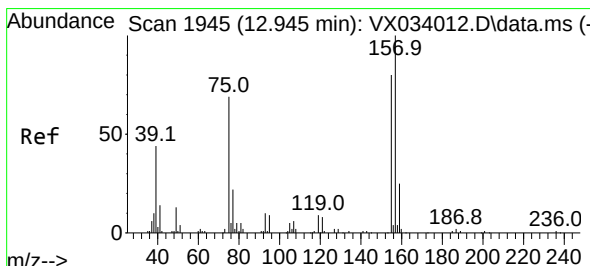
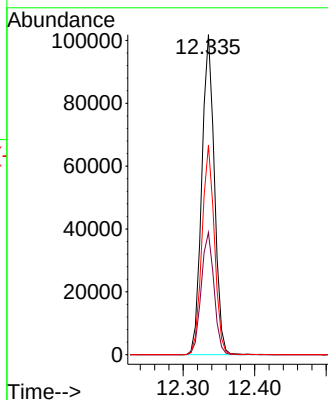
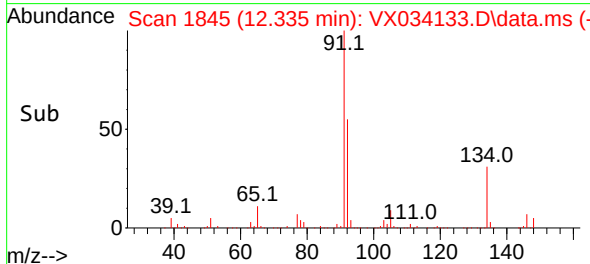
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



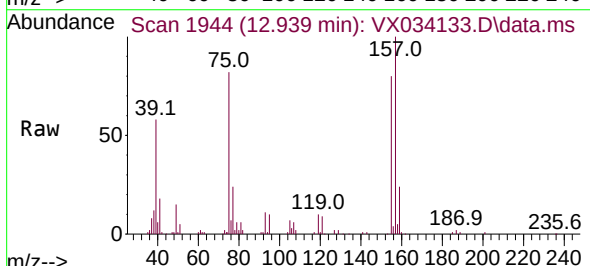
Tgt Ion:146 Resp: 124759
Ion Ratio Lower Upper
146 100
111 38.6 19.3 57.8
148 64.7 32.3 96.9

Manual Integrations
APPROVED

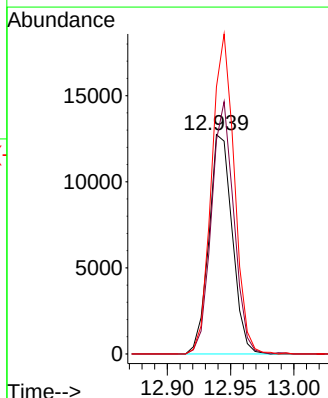
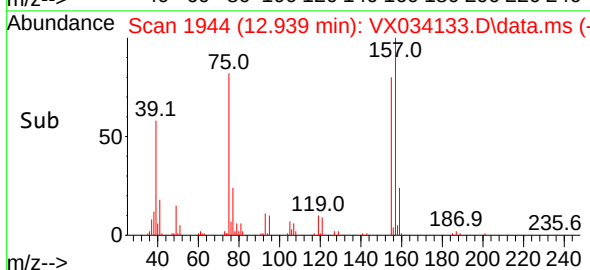
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

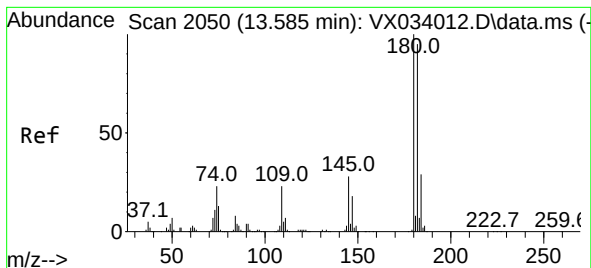


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.218 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034133.D
Acq: 10 Feb 2023 22:27



Tgt Ion: 75 Resp: 16368
Ion Ratio Lower Upper
75 100
155 109.7 51.7 155.1
157 141.5 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 49.897 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

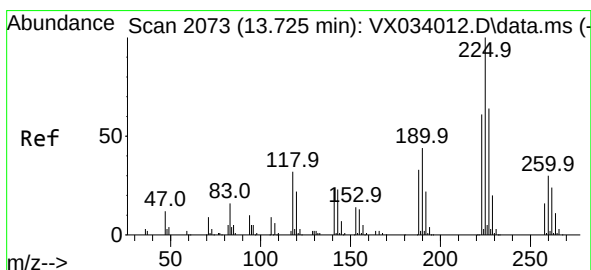
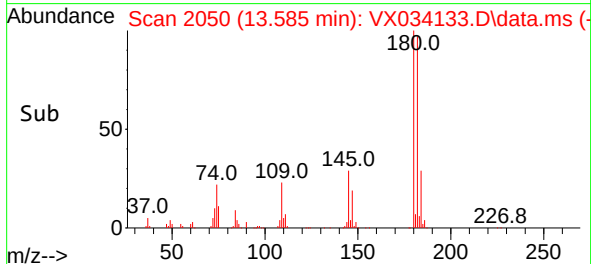
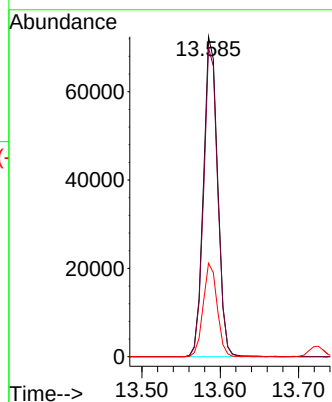
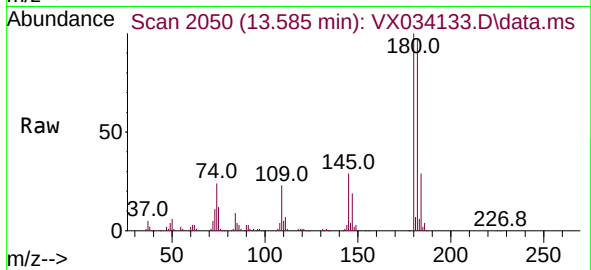
Tgt Ion:180	Resp:	90940
Ion Ratio	Lower	Upper
180	100	
182	96.2	47.9 143.6
145	28.8	14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#94

Hexachlorobutadiene

Concen: 48.209 ug/l

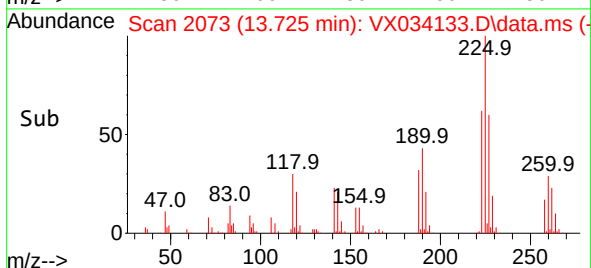
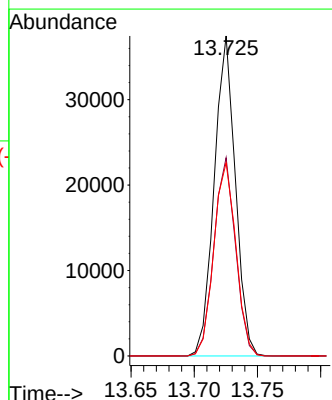
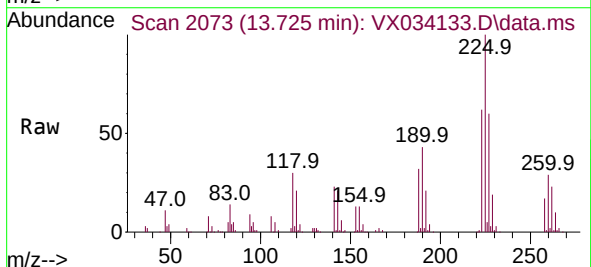
RT: 13.725 min Scan# 2073

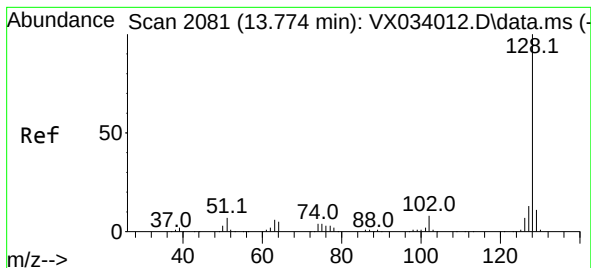
Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Tgt Ion:225	Resp:	43494
Ion Ratio	Lower	Upper
225	100	
223	63.1	31.3 93.9
227	63.2	32.3 96.9





#95

Naphthalene

Concen: 51.018 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 25548

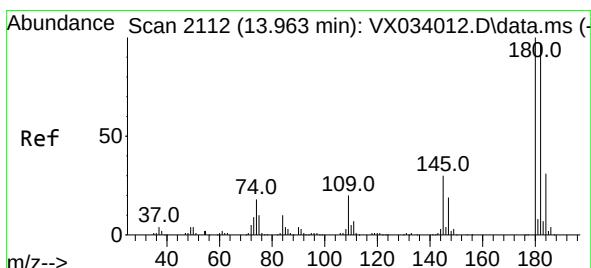
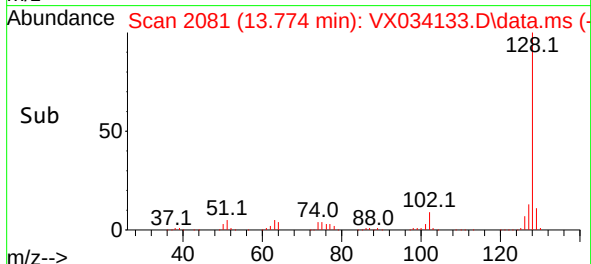
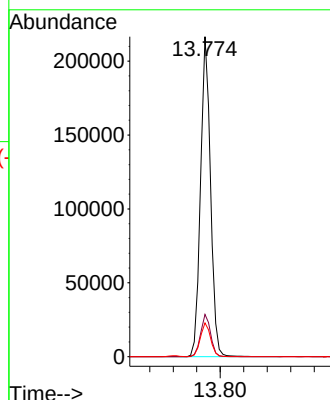
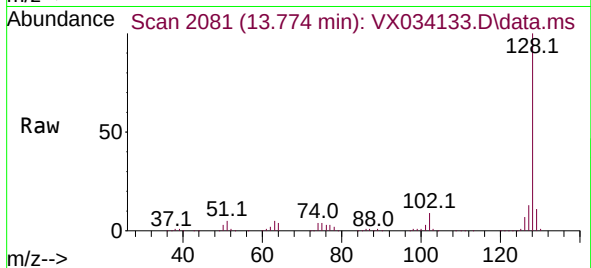
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations

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#96

1,2,3-Trichlorobenzene

Concen: 50.089 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034133.D

Acq: 10 Feb 2023 22:27

Tgt Ion:180 Resp: 91707

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.9
145	29.7	15.1	45.3

