

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038052.D
 Acq On : 04 Oct 2023 09:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 00:56:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	146234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110769	48.682	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.360%		
35) Dibromofluoromethane	5.379	113	83819	50.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.840%		
50) Toluene-d8	8.647	98	325251	51.628	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.260%		
62) 4-Bromofluorobenzene	11.079	95	124270	54.201	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	74458	51.099	ug/l	97
3) Chloromethane	1.301	50	78409	40.874	ug/l	100
4) Vinyl Chloride	1.374	62	83417	48.180	ug/l	96
5) Bromomethane	1.599	94	123308	54.165	ug/l	100
6) Chloroethane	1.679	64	61247	47.123	ug/l	98
7) Trichlorofluoromethane	1.886	101	148835	43.581	ug/l	98
8) Diethyl Ether	2.130	74	54368	43.533	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	69783	46.932	ug/l	98
10) Methyl Iodide	2.453	142	88789	57.896	ug/l	95
11) Tert butyl alcohol	2.953	59	117931	230.738	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	67385	48.668	ug/l	88
13) Acrolein	2.233	56	72771	248.893	ug/l	99
14) Allyl chloride	2.660	41	119663	48.765	ug/l	93
15) Acrylonitrile	3.056	53	257552	242.448	ug/l	99
16) Acetone	2.374	43	250019	250.206	ug/l	94
17) Carbon Disulfide	2.508	76	186128	47.528	ug/l	99
18) Methyl Acetate	2.697	43	206686	48.112	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	257533	48.162	ug/l	100
20) Methylene Chloride	2.788	84	84595	47.085	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	78986	47.479	ug/l	93
22) Diisopropyl ether	3.757	45	250512	48.854	ug/l	89
23) Vinyl Acetate	3.715	43	946121	256.470	ug/l	97
24) 1,1-Dichloroethane	3.605	63	146281	47.000	ug/l	100
25) 2-Butanone	4.544	43	398142	252.718	ug/l	96
26) 2,2-Dichloropropane	4.477	77	127580	52.191	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	94273	48.604	ug/l	95
28) Bromochloromethane	4.891	49	80466	54.949	ug/l	93
29) Tetrahydrofuran	4.995	42	253642	249.633	ug/l	93
30) Chloroform	5.086	83	163146	48.121	ug/l	97
31) Cyclohexane	5.464	56	131113	49.278	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	142089	50.384	ug/l	99
36) 1,1-Dichloropropene	5.684	75	119966	49.451	ug/l	98
37) Ethyl Acetate	4.702	43	145569	53.428	ug/l	99
38) Carbon Tetrachloride	5.672	117	122212	51.769	ug/l	97
39) Methylcyclohexane	7.379	83	149004	51.968	ug/l	95
40) Benzene	6.031	78	341076	49.840	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	74427	54.558	ug/l	91
42) 1,2-Dichloroethane	6.080	62	136634	50.911	ug/l	100
43) Isopropyl Acetate	6.330	43	226263	53.603	ug/l	99
44) Trichloroethene	7.123	130	90058	48.764	ug/l	95
45) 1,2-Dichloropropane	7.428	63	89188	51.193	ug/l	100
46) Dibromomethane	7.580	93	66828	49.532	ug/l	98
47) Bromodichloromethane	7.818	83	126029	53.655	ug/l	99
48) Methyl methacrylate	7.690	41	106912	52.678	ug/l	87
49) 1,4-Dioxane	7.653	88	50806	1116.764	ug/l #	89
51) 4-Methyl-2-Pentanone	8.568	43	773165	263.634	ug/l	98
52) Toluene	8.714	92	224437	50.670	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	142010	57.396	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	147336	55.962	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	93506	51.986	ug/l	95
56) Ethyl methacrylate	9.116	69	149734	55.388	ug/l	93
57) 1,3-Dichloropropane	9.305	76	156749	51.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	392943	284.398	ug/l	98
59) 2-Hexanone	9.427	43	633708	270.114	ug/l	97
60) Dibromochloromethane	9.519	129	98735	57.042	ug/l	100
61) 1,2-Dibromoethane	9.610	107	103109	52.874	ug/l	99
64) Tetrachloroethene	9.275	164	76344	47.778	ug/l	98
65) Chlorobenzene	10.079	112	243454	48.292	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	87956	52.322	ug/l	99
67) Ethyl Benzene	10.195	91	453815	50.043	ug/l	100
68) m/p-Xylenes	10.299	106	345199	99.396	ug/l	99
69) o-Xylene	10.640	106	166601	50.514	ug/l	97
70) Styrene	10.653	104	282189	51.802	ug/l	98
71) Bromoform	10.799	173	73048	57.160	ug/l #	100
73) Isopropylbenzene	10.963	105	448679	50.332	ug/l	99
74) N-amyl acetate	10.842	43	207418	51.700	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	164458	49.289	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	138810m	45.619	ug/l	
77) Bromobenzene	11.195	156	106006	48.503	ug/l	94
78) n-propylbenzene	11.305	91	555818	50.742	ug/l	99
79) 2-Chlorotoluene	11.366	91	314473	49.442	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	392927	51.789	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	51659	57.336	ug/l	93
82) 4-Chlorotoluene	11.451	91	381807	49.805	ug/l	99
83) tert-Butylbenzene	11.713	119	378122	50.132	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	392343	51.273	ug/l	99
85) sec-Butylbenzene	11.890	105	501511	51.269	ug/l	99
86) p-Isopropyltoluene	12.006	119	415916	51.921	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	210994	48.145	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	215335	47.076	ug/l	98
89) n-Butylbenzene	12.329	91	413185	51.681	ug/l	96
90) Hexachloroethane	12.536	117	71814	55.005	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	205539	49.284	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42067	55.401	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	138323	47.814	ug/l	97
94) Hexachlorobutadiene	13.725	225	60207	48.772	ug/l	98
95) Naphthalene	13.774	128	480360	49.258	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	134639	48.124	ug/l	98

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

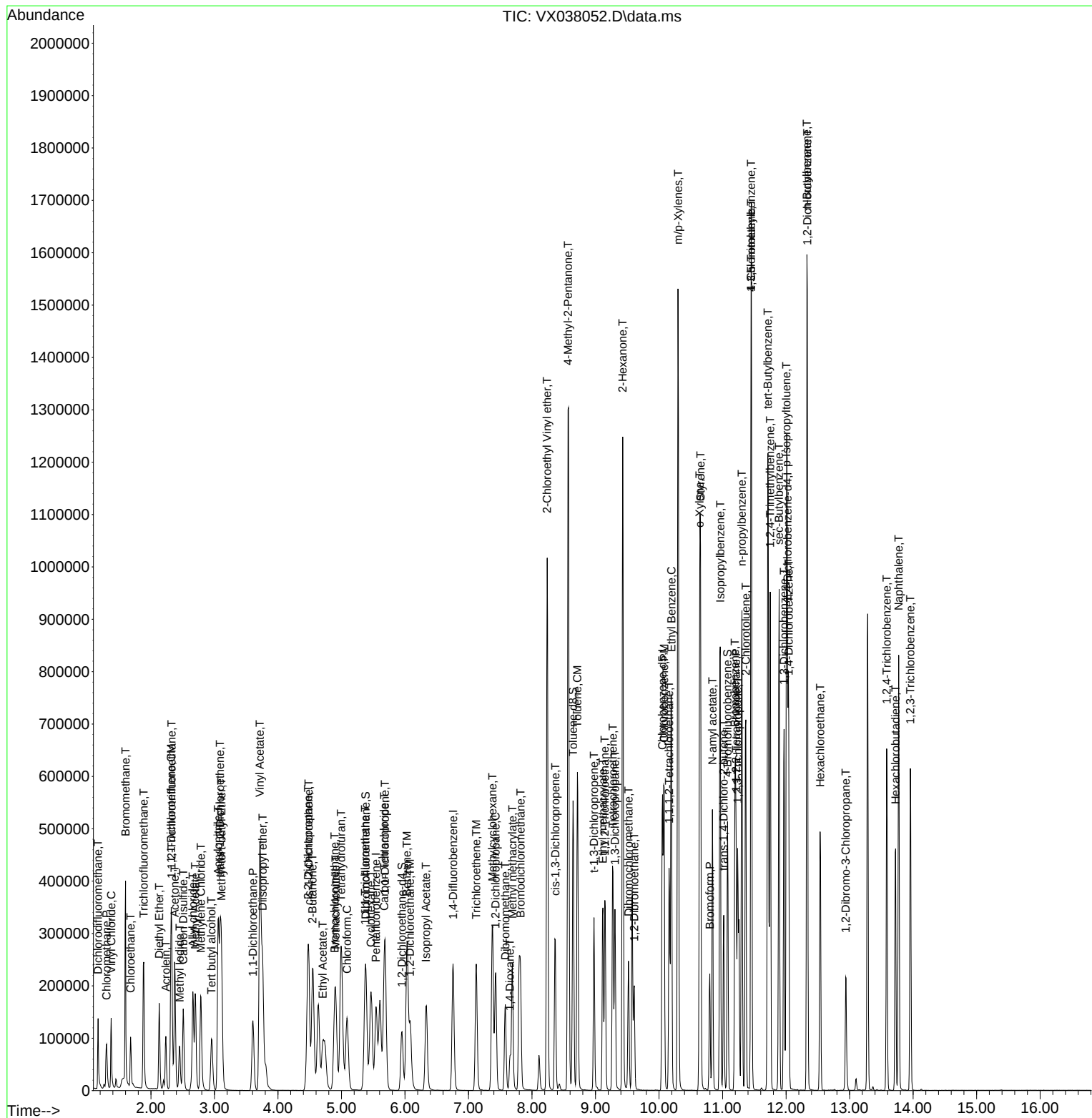
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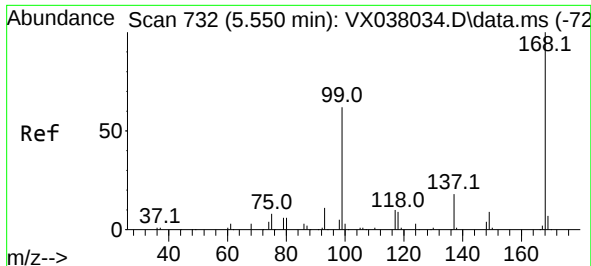
Instrument :
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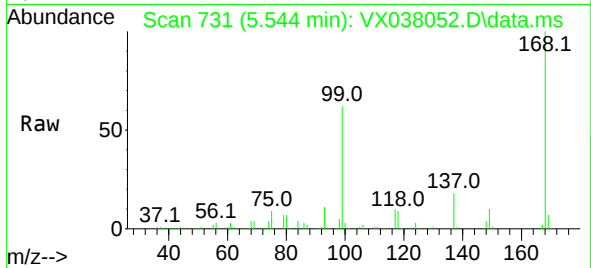
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

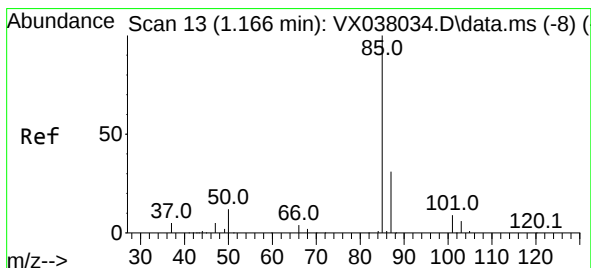
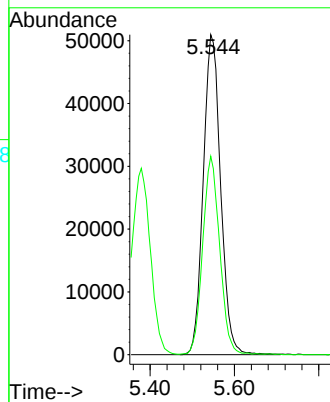
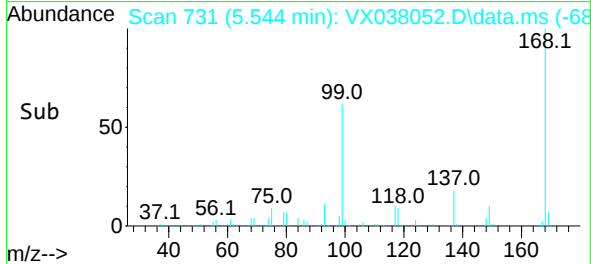
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



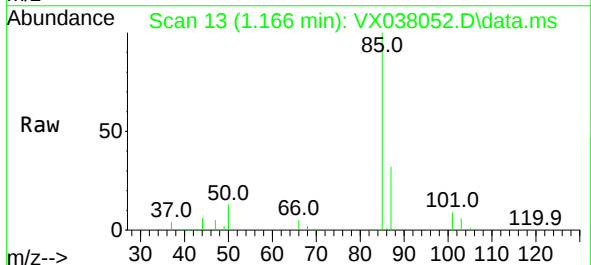
Tgt Ion:168 Resp: 146234
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0

Manual Integrations
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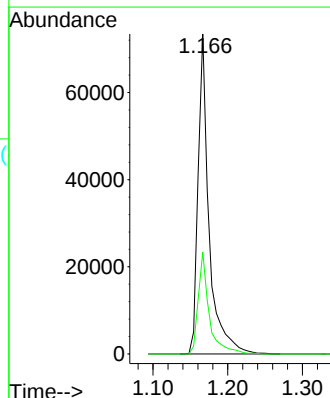
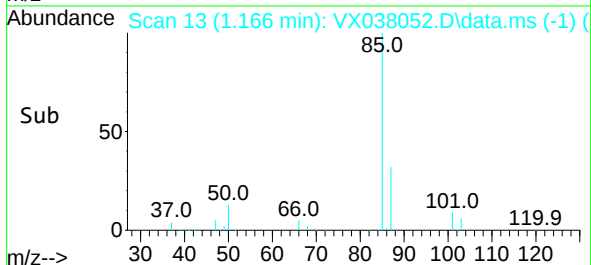
Reviewed By :John Carlone 10/05/2023
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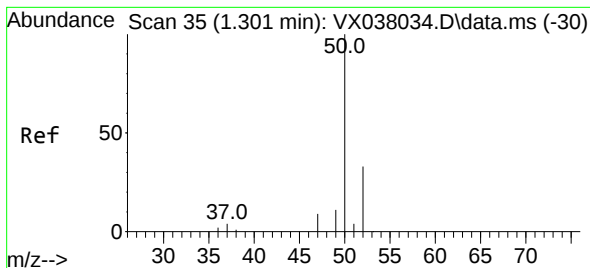


#2
Dichlorodifluoromethane
Concen: 51.099 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



Tgt Ion: 85 Resp: 74458
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





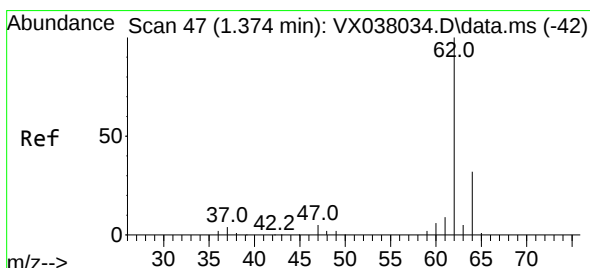
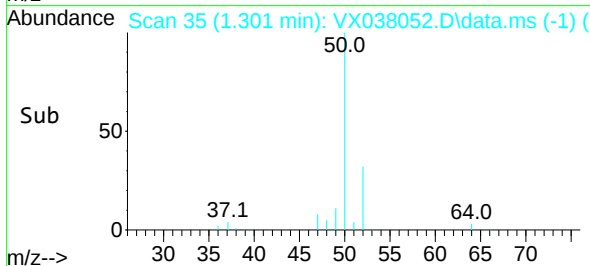
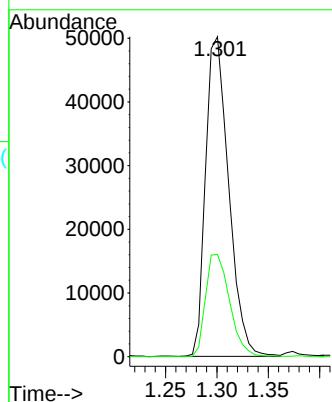
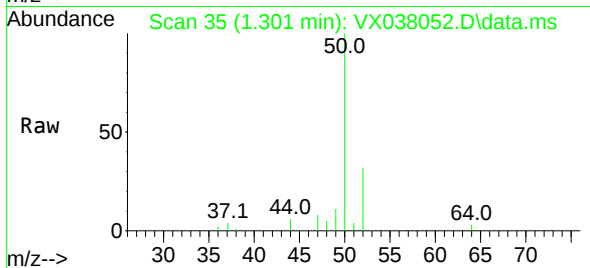
#3
Chloromethane
Concen: 40.874 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Instrument :
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Tgt Ion: 50 Resp: 78409
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

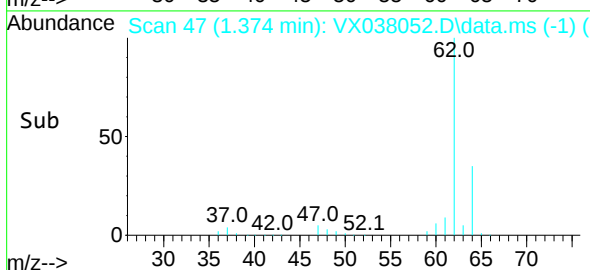
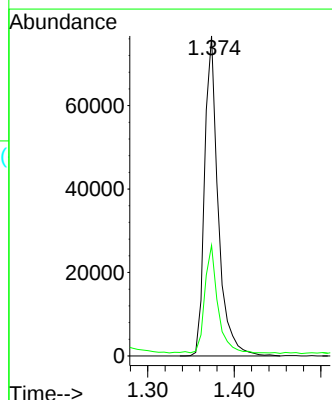
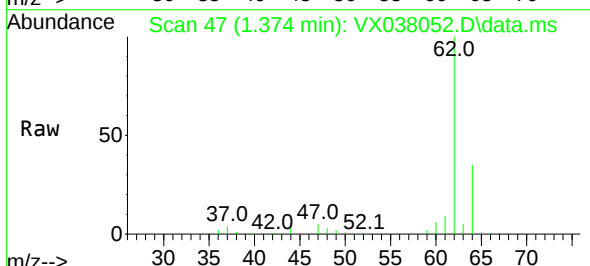
Manual Integrations
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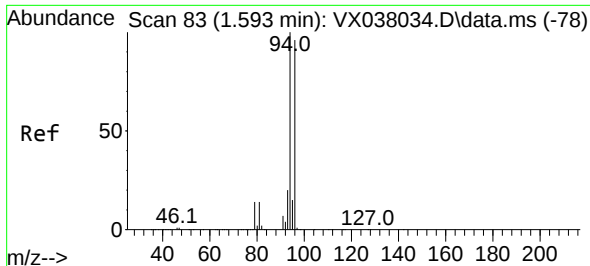
Reviewed By :John Carlone 10/05/2023
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#4
Vinyl Chloride
Concen: 48.180 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

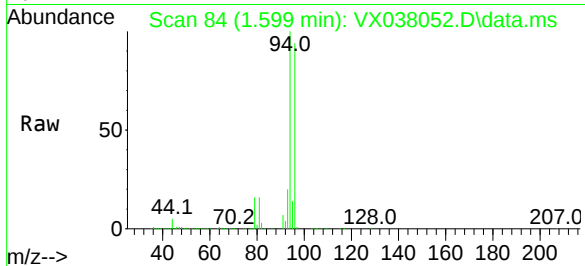
Tgt Ion: 62 Resp: 83417
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.0





#5
Bromomethane
Concen: 54.165 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

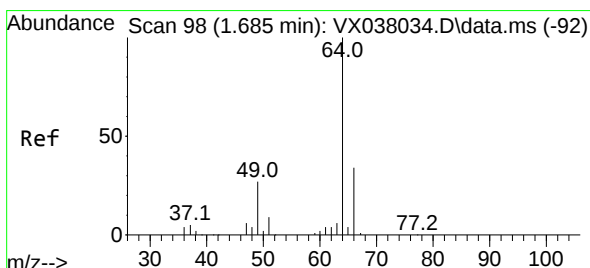
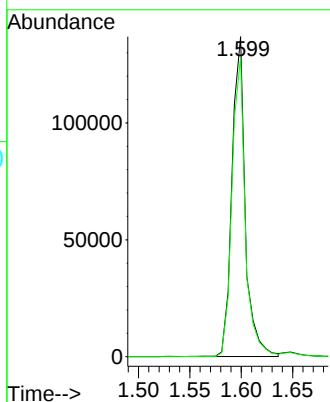
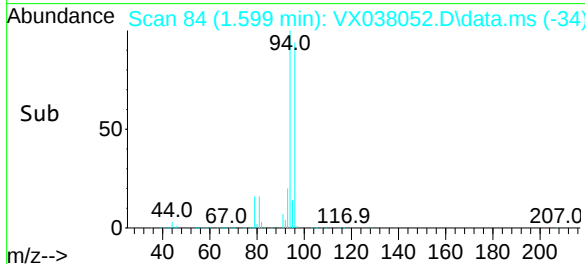
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Tgt Ion: 94 Resp: 123308
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8

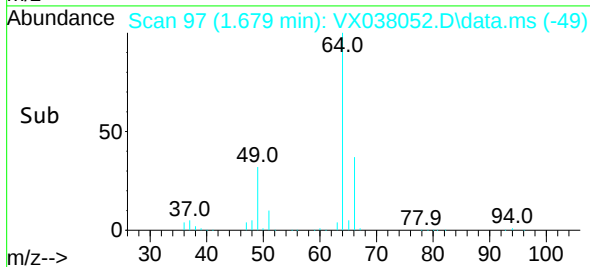
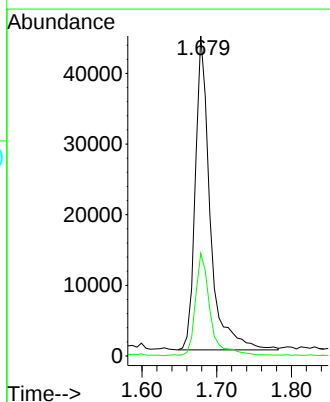
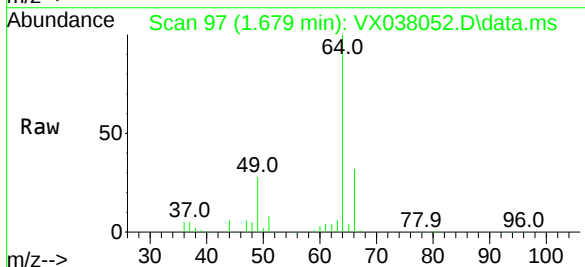
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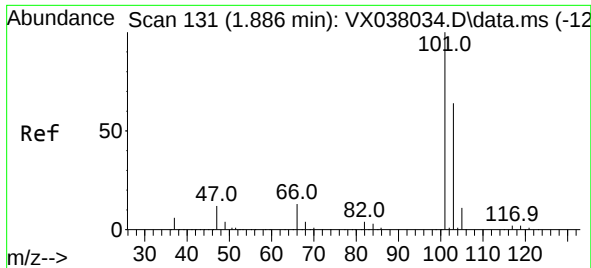
Reviewed By :John Carlone 10/05/2023
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#6
Chloroethane
Concen: 47.123 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX038052.D
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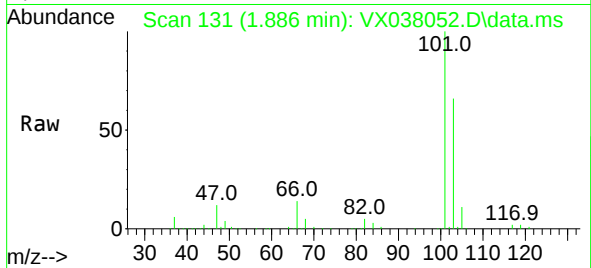
Tgt Ion: 64 Resp: 61247
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 43.581 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

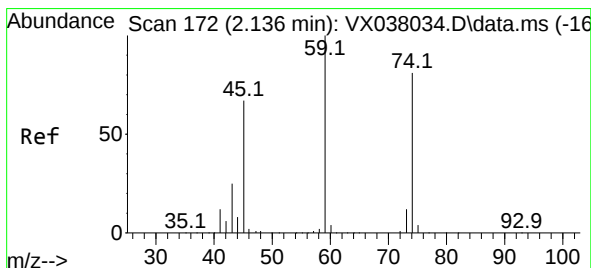
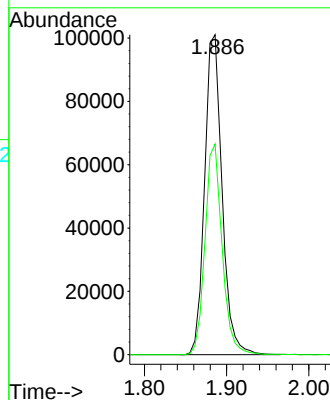
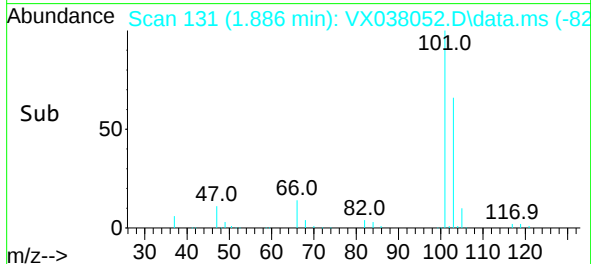
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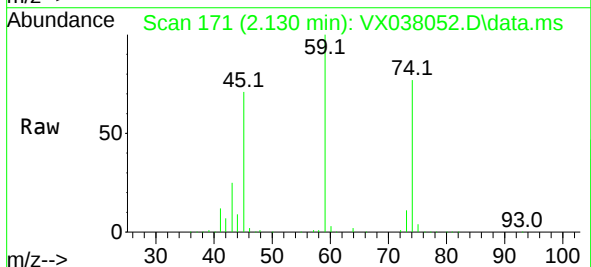
Tgt Ion:101 Resp: 14883
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2

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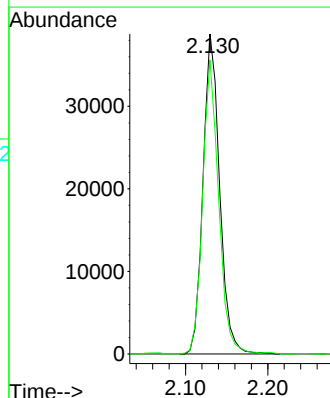
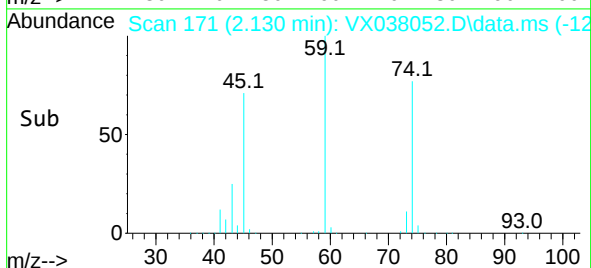
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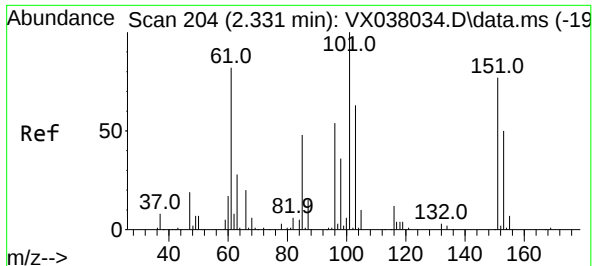


#8
Diethyl Ether
Concen: 43.533 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Acq: 04 Oct 2023 09:52



Tgt Ion: 74 Resp: 54368
Ion Ratio Lower Upper
74 100
45 89.1 53.3 159.8





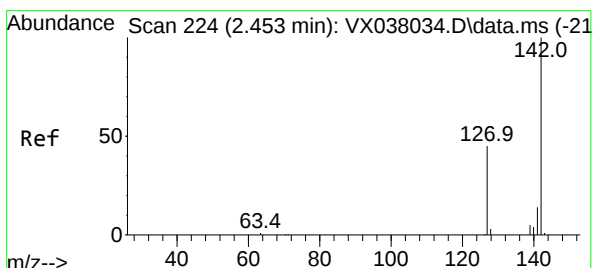
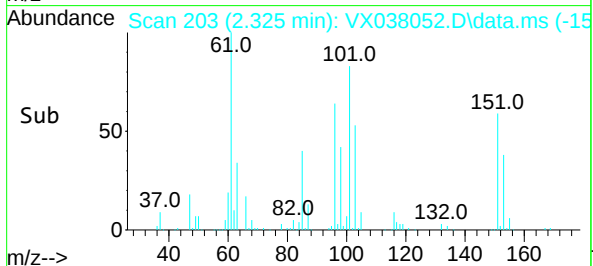
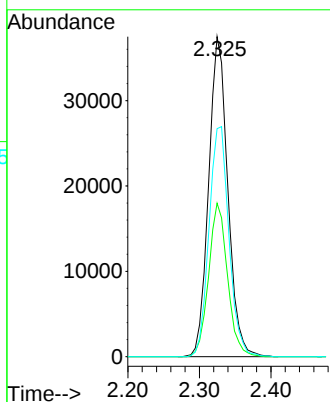
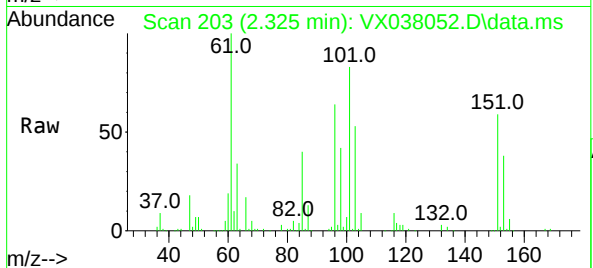
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.932 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6978
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 74.8 58.6 87.8

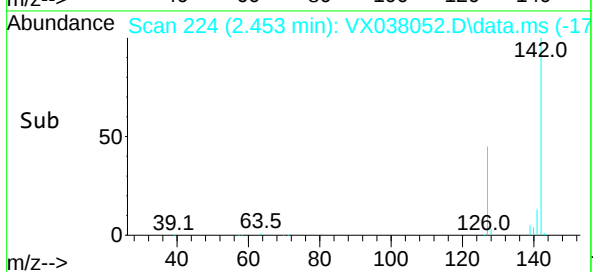
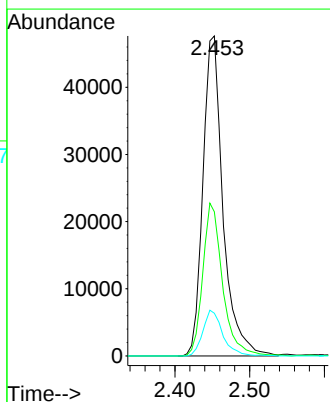
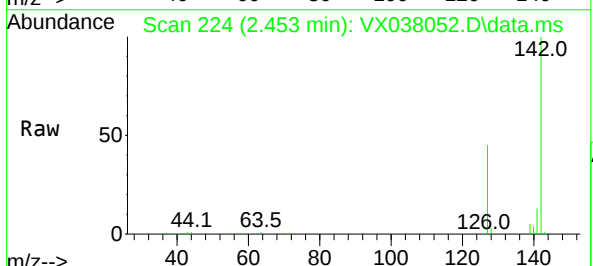
Manual Integrations
APPROVED

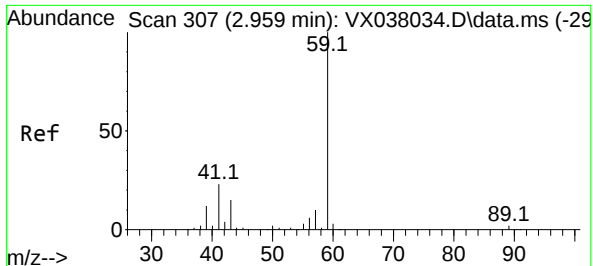
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#10
Methyl Iodide
Concen: 57.896 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Tgt Ion:142 Resp: 88789
Ion Ratio Lower Upper
142 100
127 47.2 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 230.738 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 11793

Ion Ratio Lower Upper

59 100

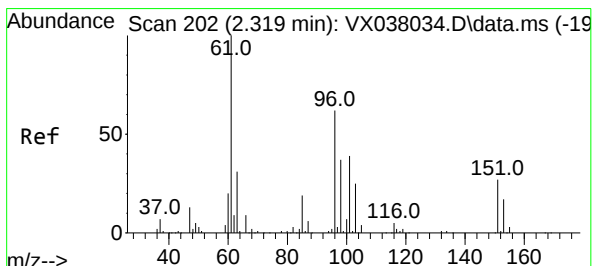
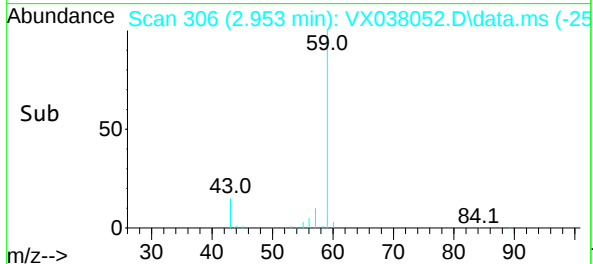
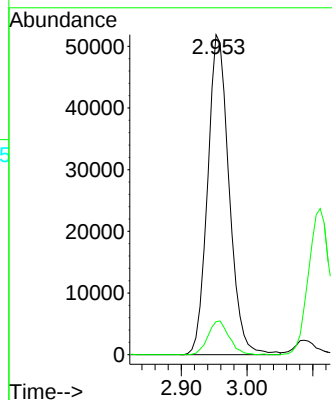
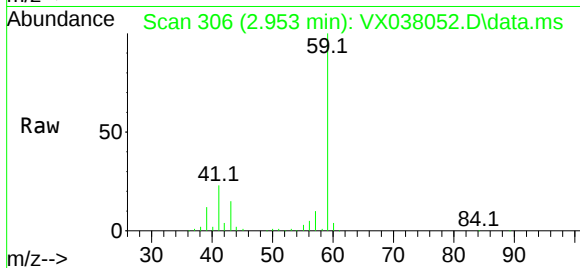
57 10.4 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#12

1,1-Dichloroethene

Concen: 48.668 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

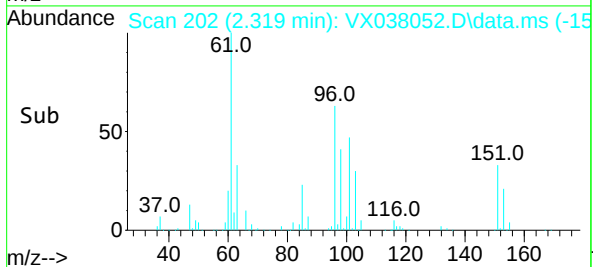
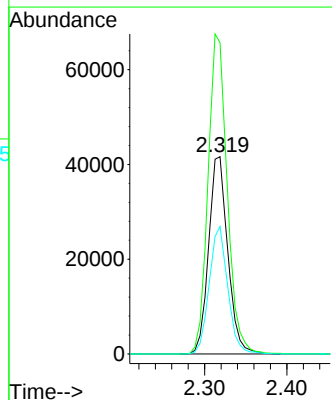
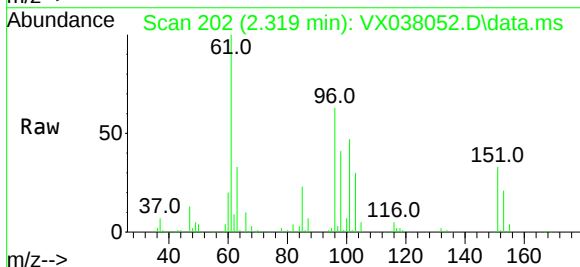
Tgt Ion: 96 Resp: 67385

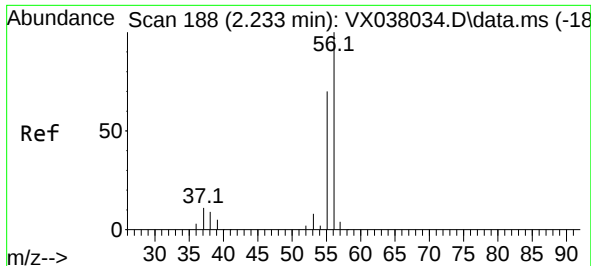
Ion Ratio Lower Upper

96 100

61 157.7 144.6 216.8

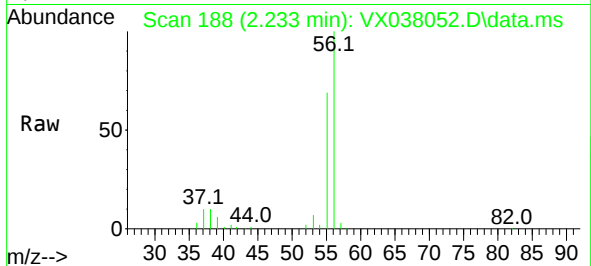
98 64.5 50.4 75.6





#13
Acrolein
Concen: 248.893 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

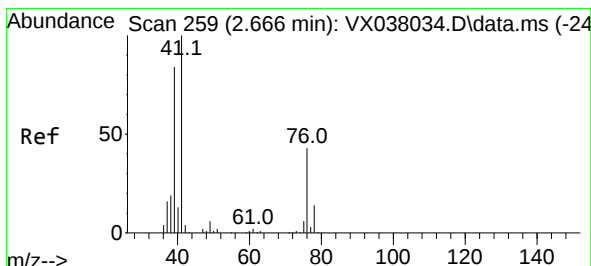
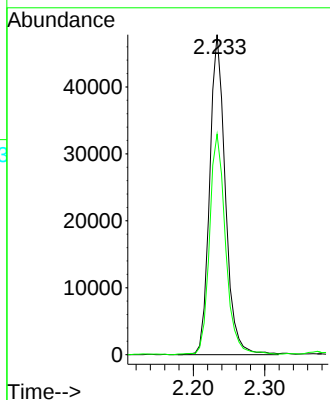
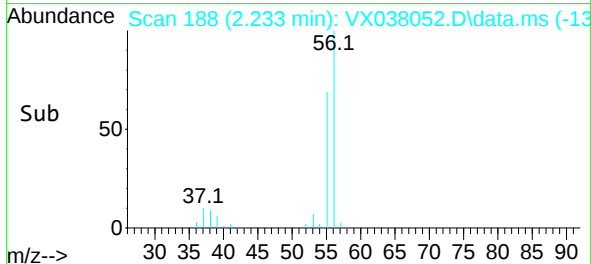
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



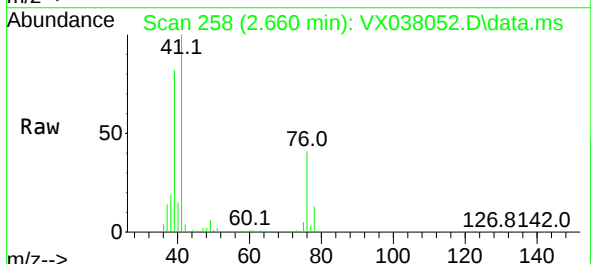
Tgt Ion: 56 Resp: 7277
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7

Manual Integrations
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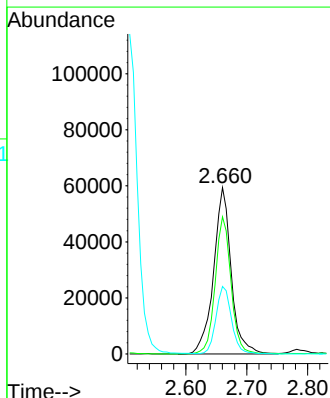
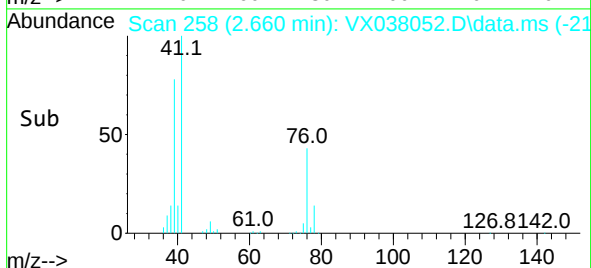
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

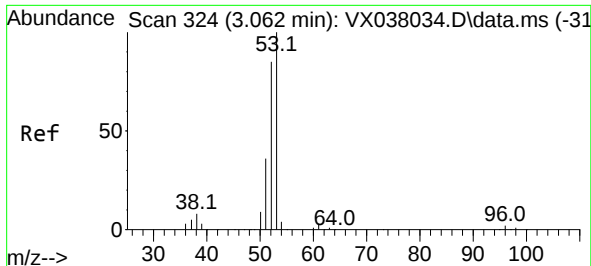


#14
Allyl chloride
Concen: 48.765 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



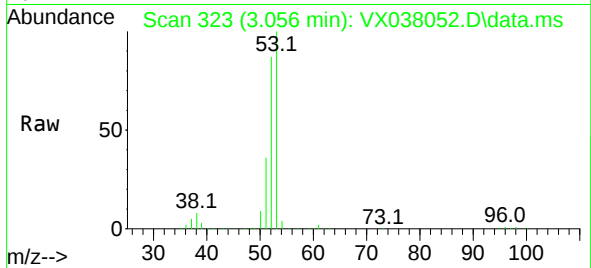
Tgt Ion: 41 Resp: 119663
Ion Ratio Lower Upper
41 100
39 74.1 55.8 83.6
76 35.6 24.3 36.5





#15
Acrylonitrile
Concen: 242.448 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

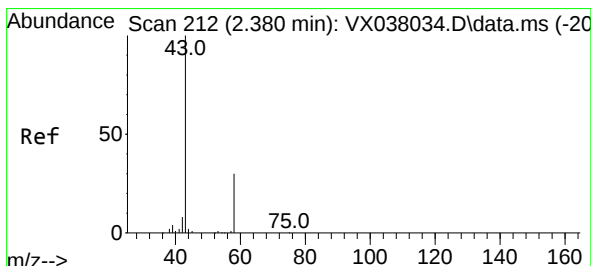
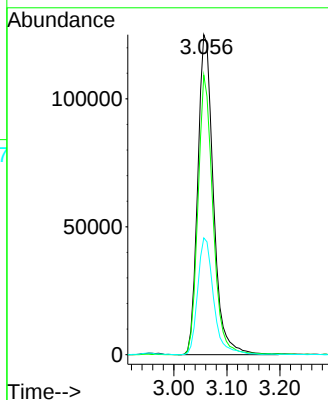
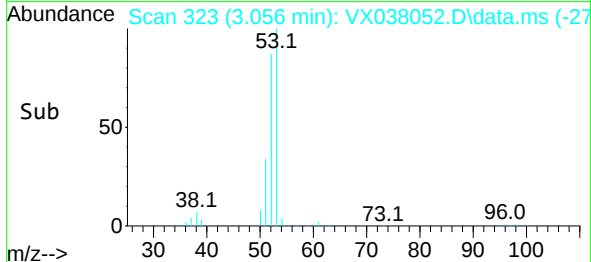
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 257552
Ion Ratio Lower Upper
53 100
52 83.4 66.0 99.0
51 37.0 29.8 44.6

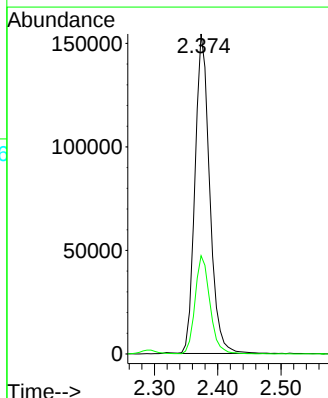
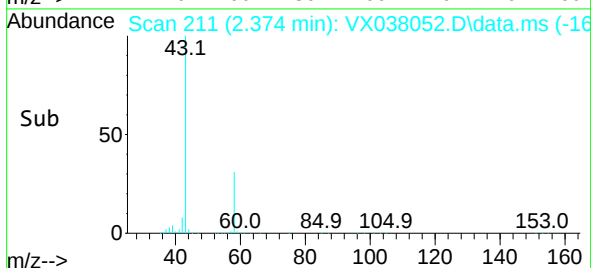
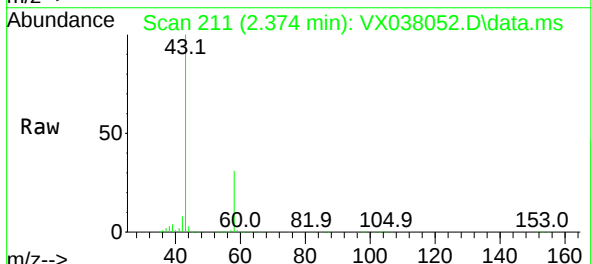
Manual Integrations
APPROVED

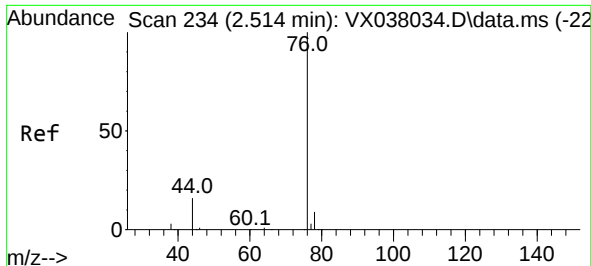
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#16
Acetone
Concen: 250.206 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Tgt Ion: 43 Resp: 250019
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9





#17

Carbon Disulfide

Concen: 47.528 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 186128

Ion Ratio Lower Upper

76 100

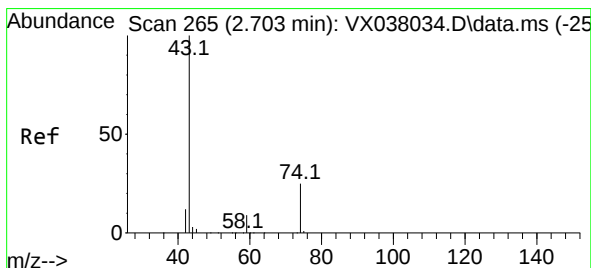
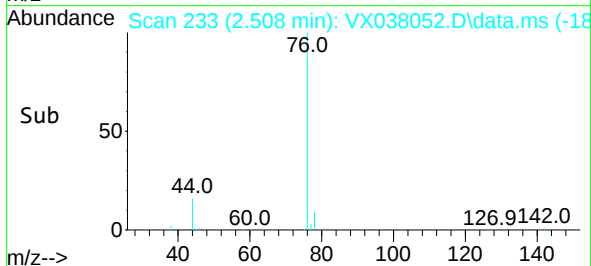
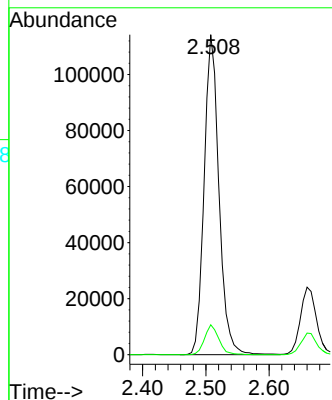
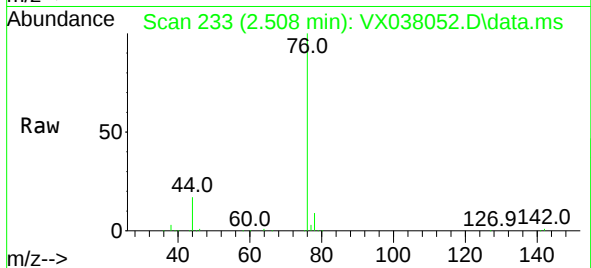
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#18

Methyl Acetate

Concen: 48.112 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX038052.D

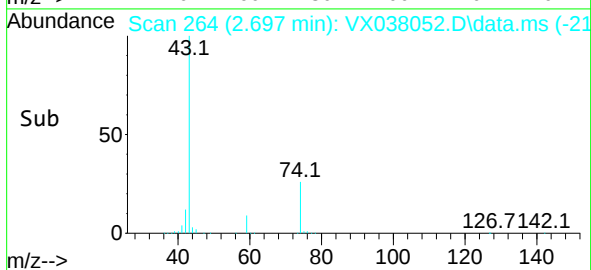
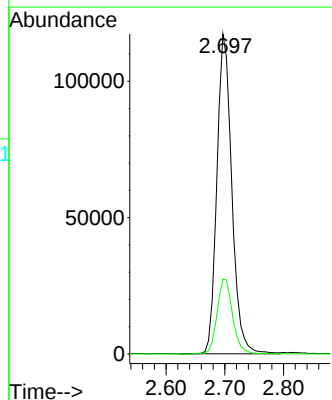
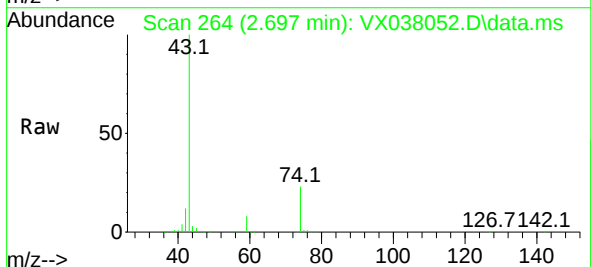
Acq: 04 Oct 2023 09:52

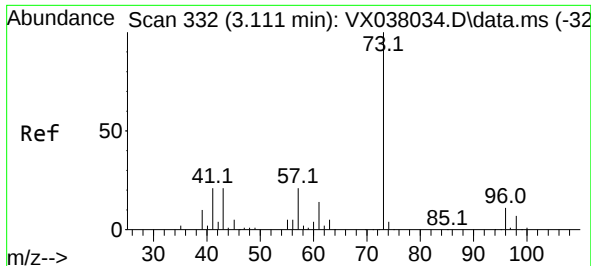
Tgt Ion: 43 Resp: 206686

Ion Ratio Lower Upper

43 100

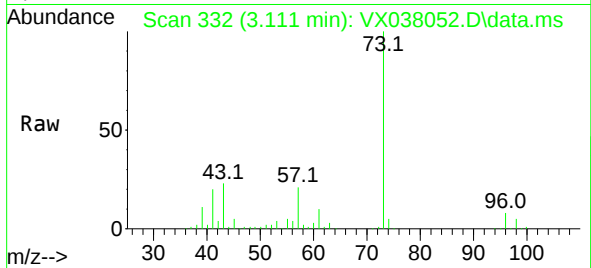
74 24.5 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 48.162 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

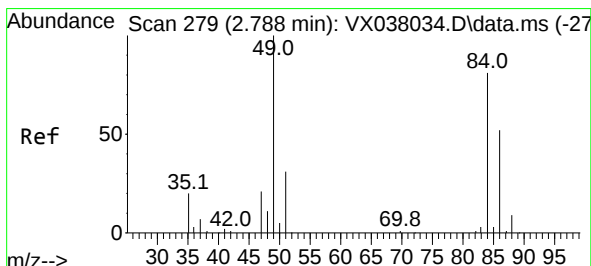
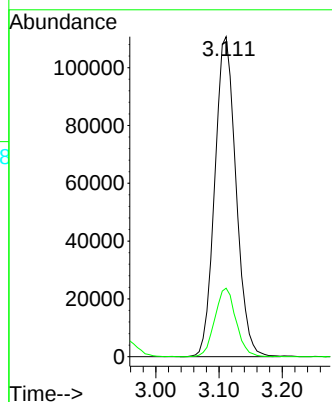
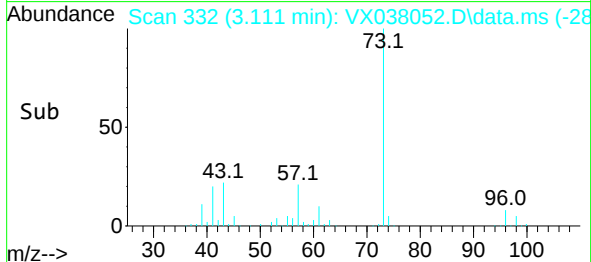
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 25753
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

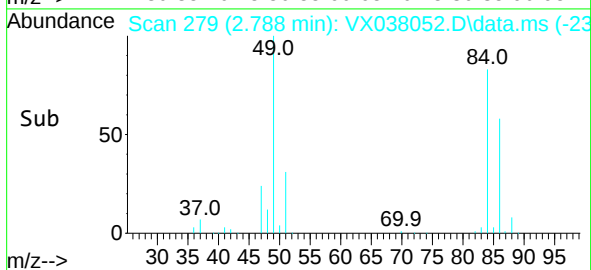
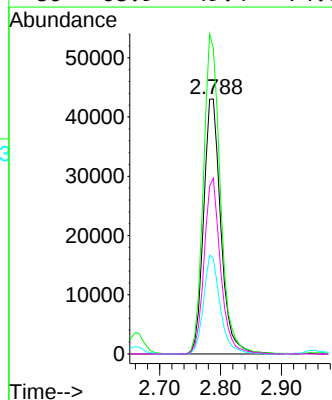
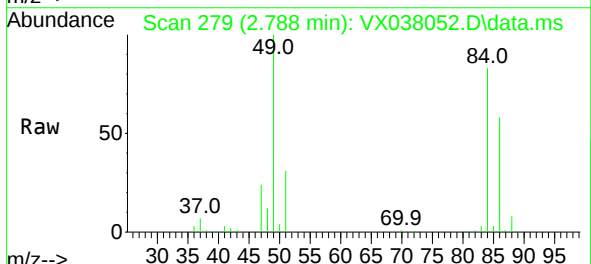
Manual Integrations
APPROVED

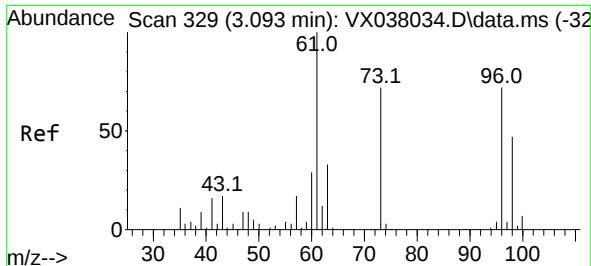
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#20
Methylene Chloride
Concen: 47.085 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

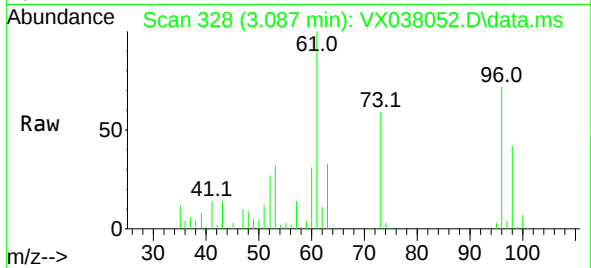
Tgt Ion: 84 Resp: 84595
Ion Ratio Lower Upper
84 100
49 119.9 103.6 155.4
51 37.5 33.8 50.6
86 68.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.479 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

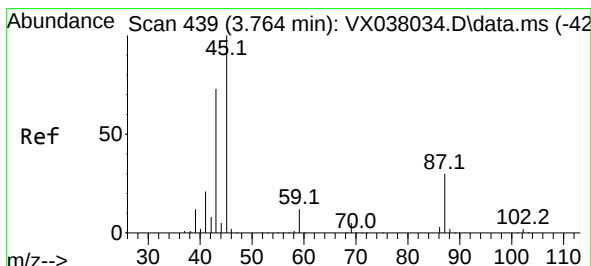
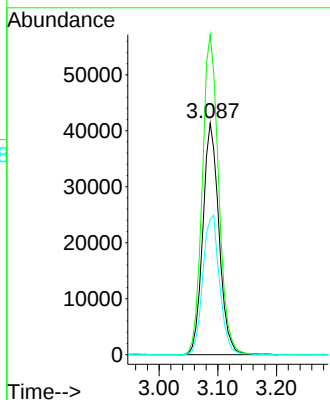
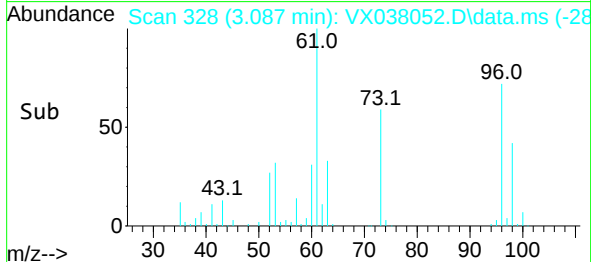
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



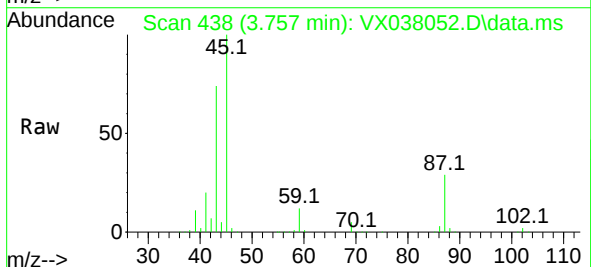
Tgt Ion: 96 Resp: 7898
Ion Ratio Lower Upper
96 100
61 138.1 119.2 178.8
98 58.4 48.7 73.1

Manual Integrations
APPROVED

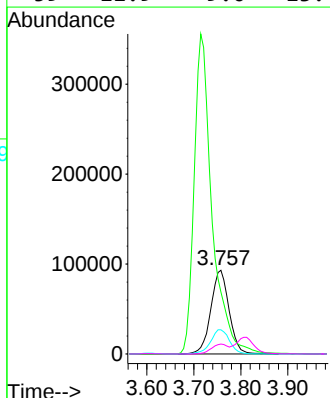
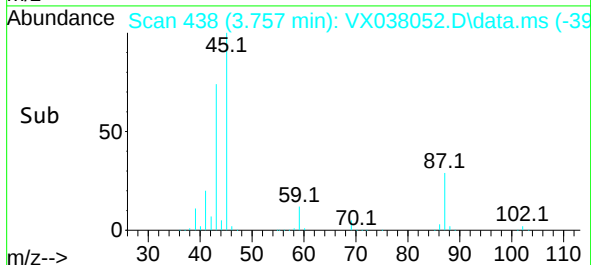
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

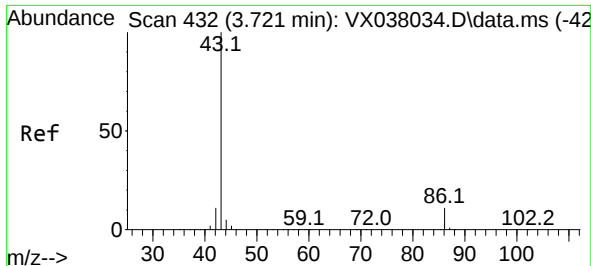


#22
Diisopropyl ether
Concen: 48.854 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



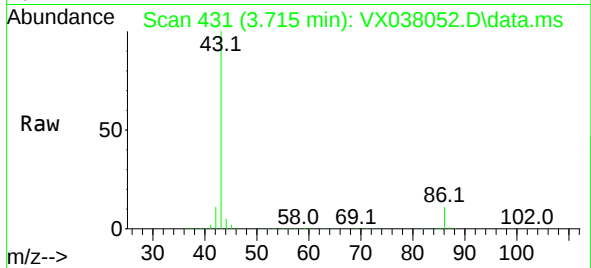
Tgt Ion: 45 Resp: 250512
Ion Ratio Lower Upper
45 100
43 73.9 69.7 104.5
87 28.9 20.8 31.2
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 256.470 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038052.D
 Acq: 04 Oct 2023 09:52

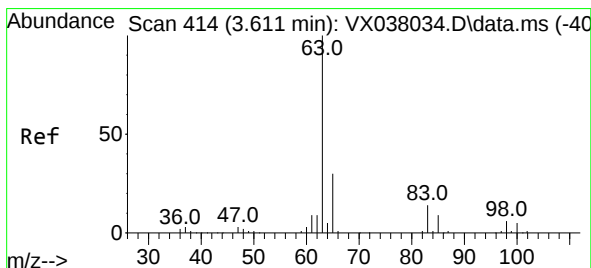
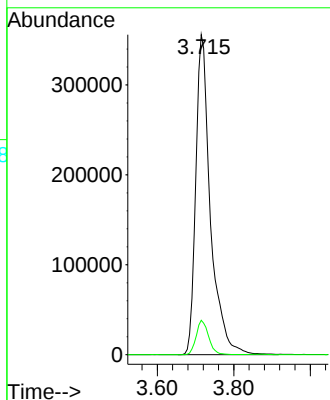
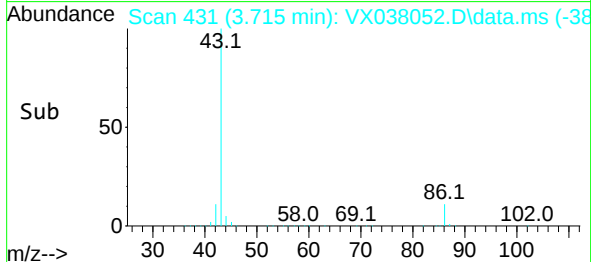
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



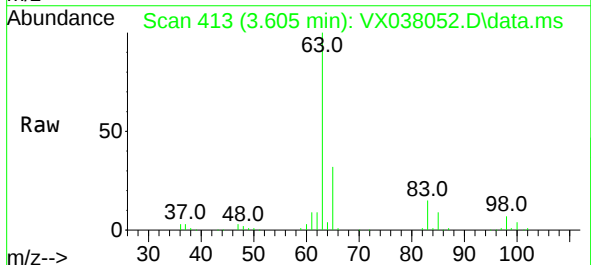
Tgt Ion: 43 Resp: 94612
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

Manual Integrations
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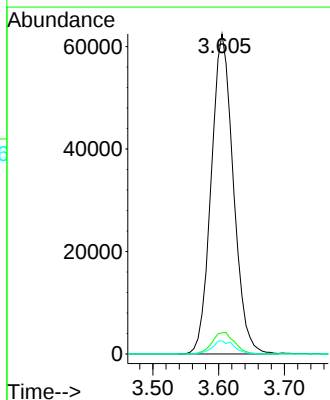
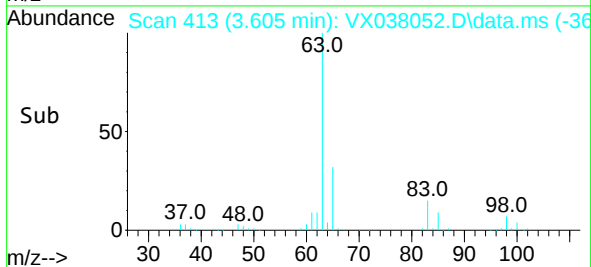
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

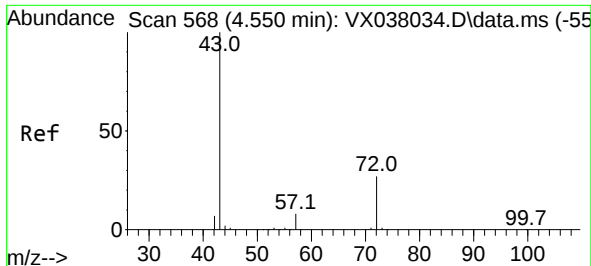


#24
 1,1-Dichloroethane
 Concen: 47.000 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038052.D
 Acq: 04 Oct 2023 09:52



Tgt Ion: 63 Resp: 146281
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.1 2.1 6.5





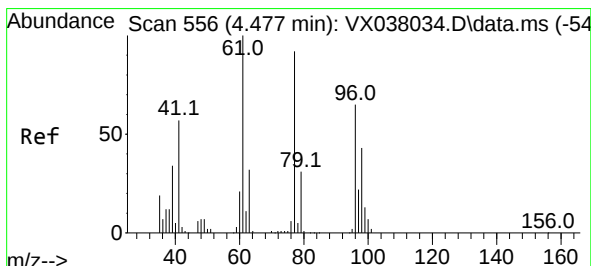
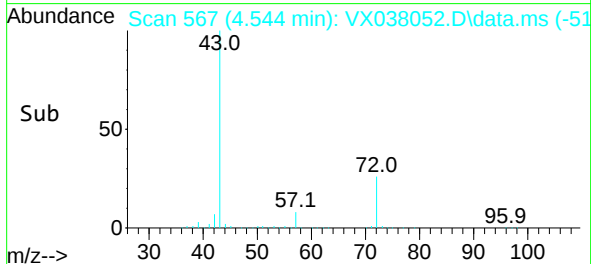
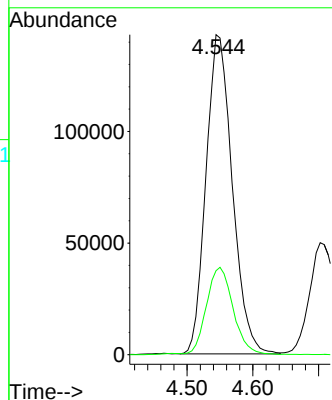
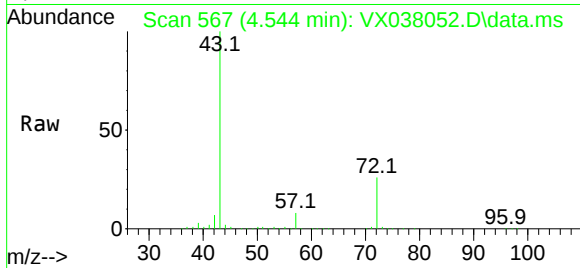
#25
2-Butanone
Concen: 252.718 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 39814
Ion Ratio Lower Upper
43 100
72 26.2 19.4 29.2

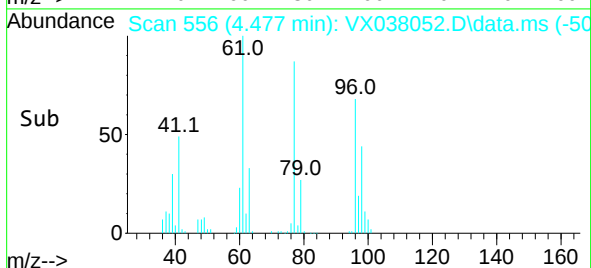
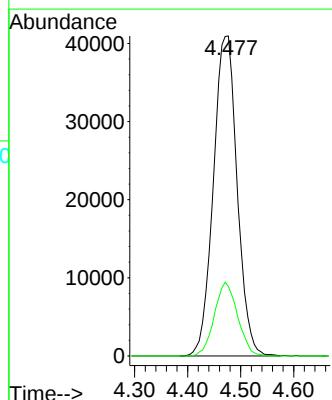
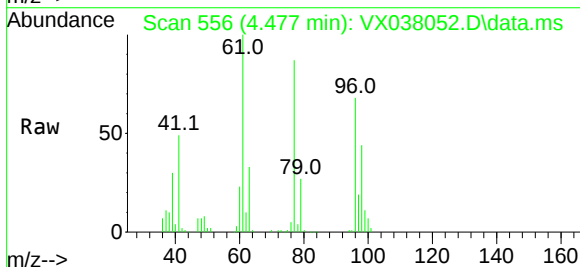
Manual Integrations
APPROVED

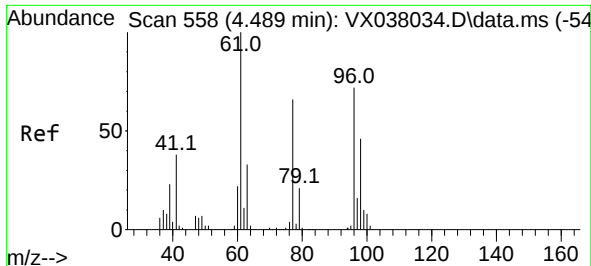
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#26
2,2-Dichloropropane
Concen: 52.191 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

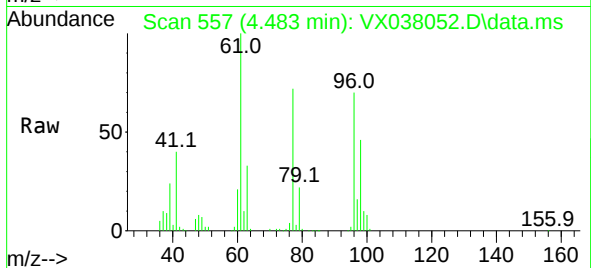
Tgt Ion: 77 Resp: 127580
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 48.604 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

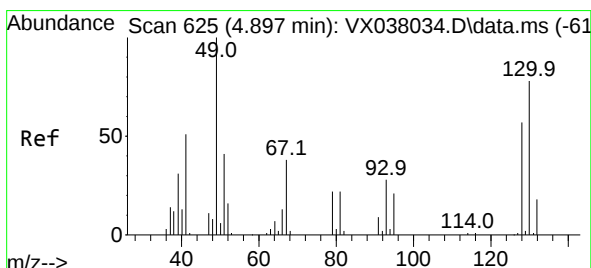
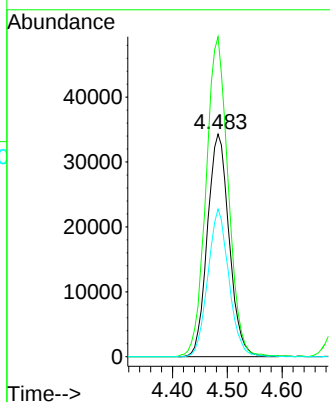
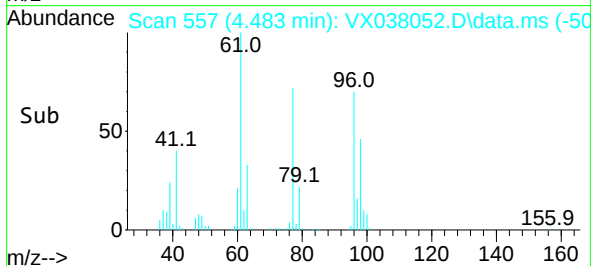
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 9427
Ion Ratio Lower Upper
96 100
61 147.0 0.0 312.2
98 64.3 0.0 129.0

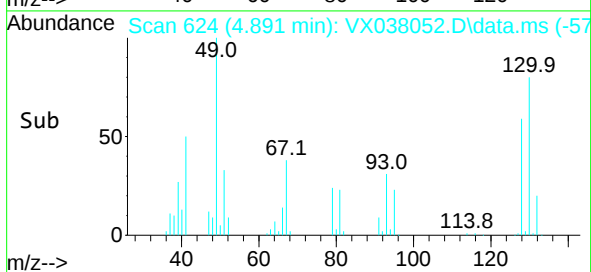
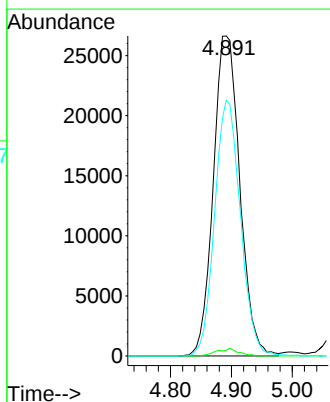
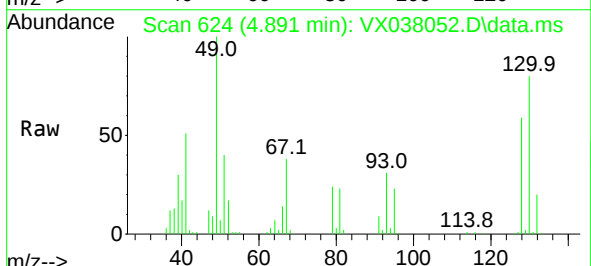
Manual Integrations
APPROVED

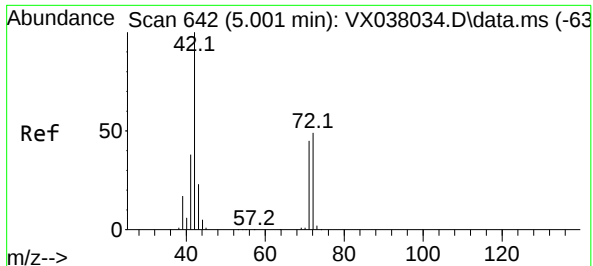
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#28
Bromochloromethane
Concen: 54.949 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Tgt Ion: 49 Resp: 80466
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 77.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 249.633 ug/l

RT: 4.995 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 25364

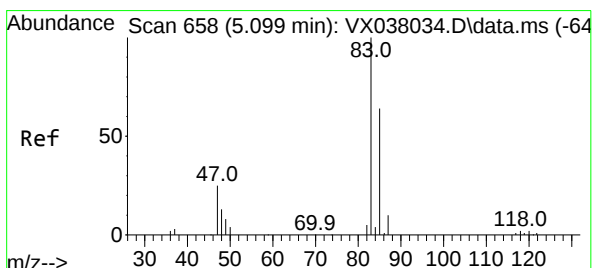
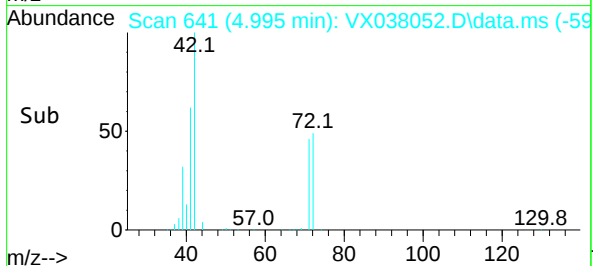
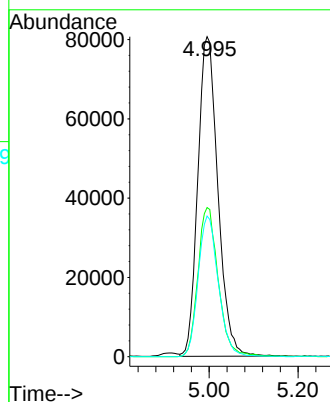
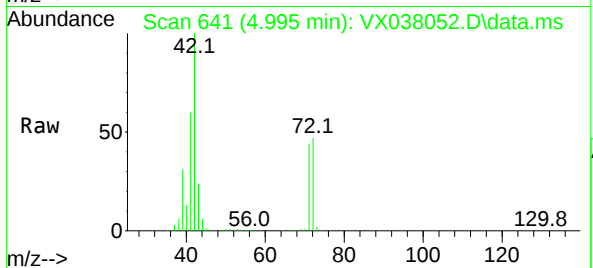
Ion	Ratio	Lower	Upper
42	100		
72	47.4	34.2	51.4
71	44.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#30

Chloroform

Concen: 48.121 ug/l

RT: 5.086 min Scan# 656

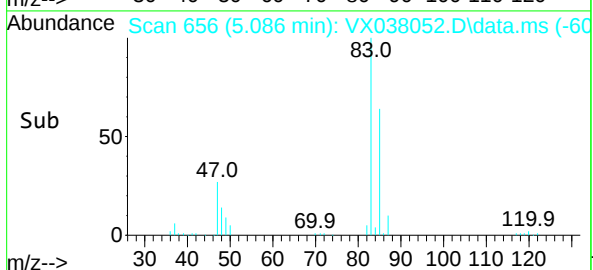
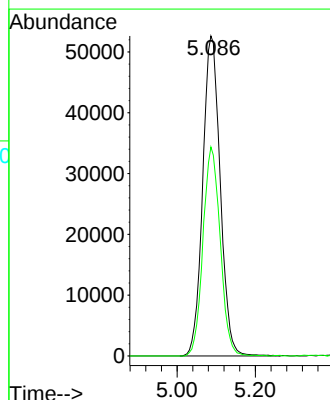
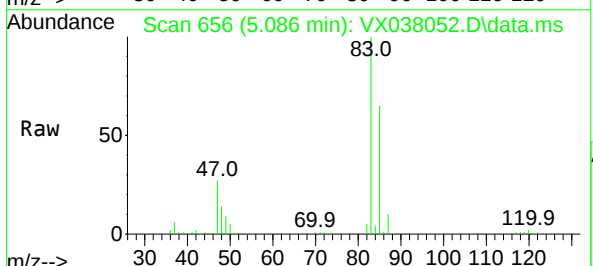
Delta R.T. -0.013 min

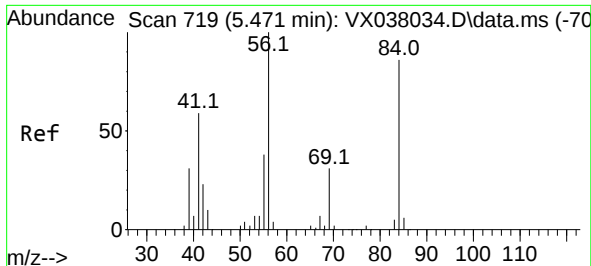
Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Tgt Ion: 83 Resp: 163146

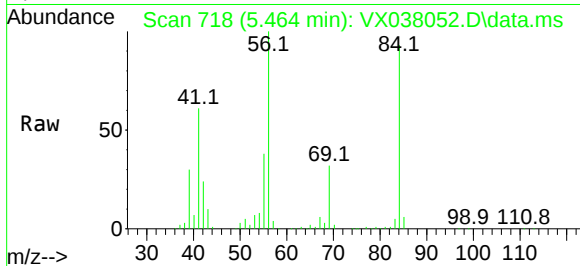
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.3	75.5





#31
Cyclohexane
Concen: 49.278 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

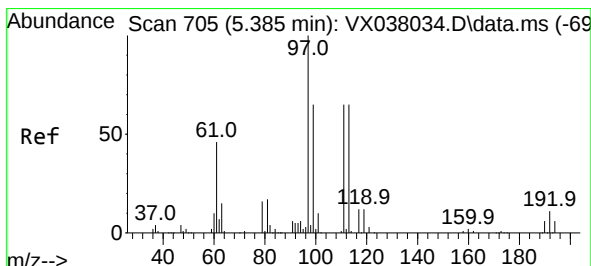
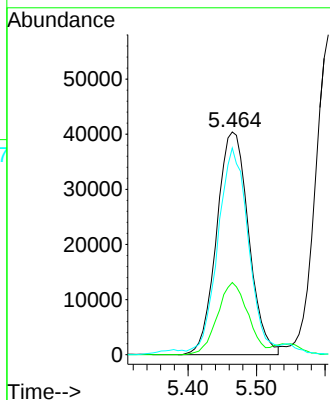
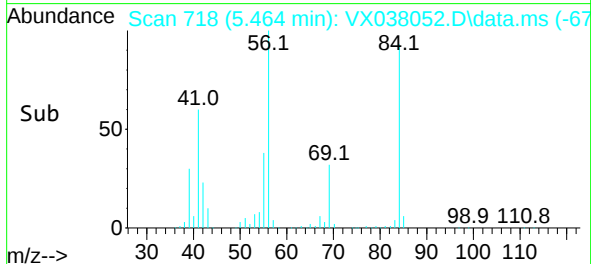
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



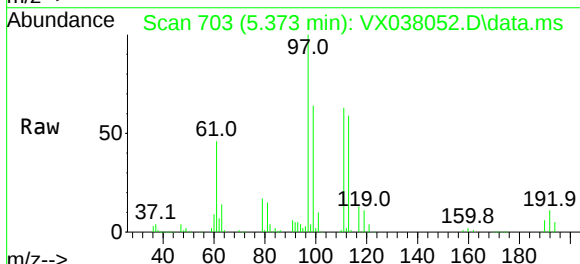
Tgt Ion: 56 Resp: 131111
Ion Ratio Lower Upper
56 100
69 32.4 23.4 35.2
84 91.0 65.9 98.9

Manual Integrations
APPROVED

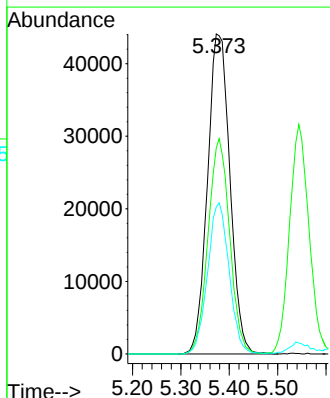
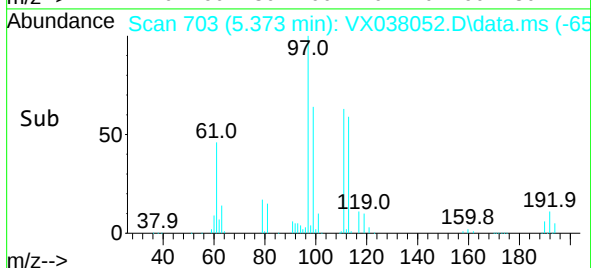
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

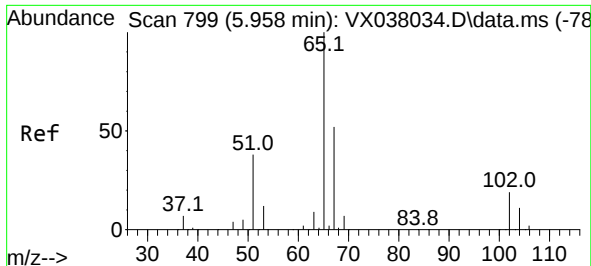


#32
1,1,1-Trichloroethane
Concen: 50.384 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



Tgt Ion: 97 Resp: 142089
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 45.4 36.4 54.6





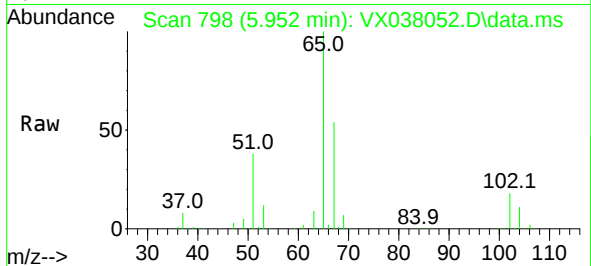
#33
1,2-Dichloroethane-d4
Concen: 48.682 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



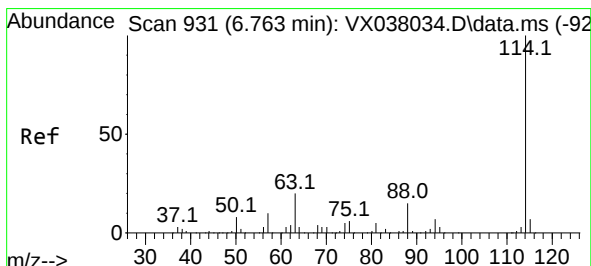
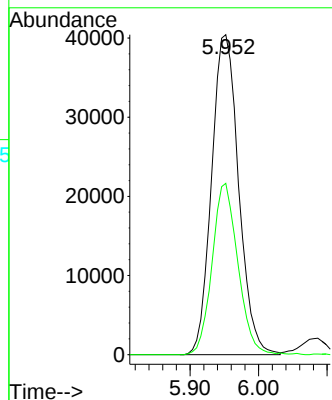
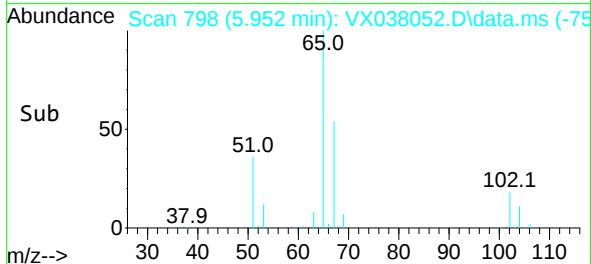
Tgt Ion: 65 Resp: 110769
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

Manual Integrations

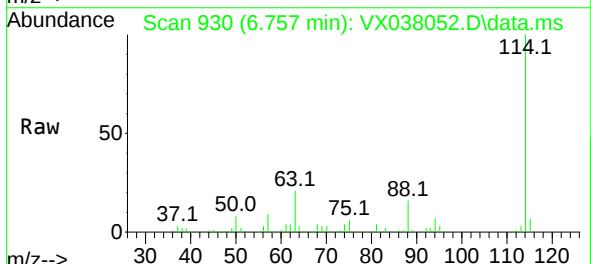
APPROVED

Reviewed By :John Carlone 10/05/2023

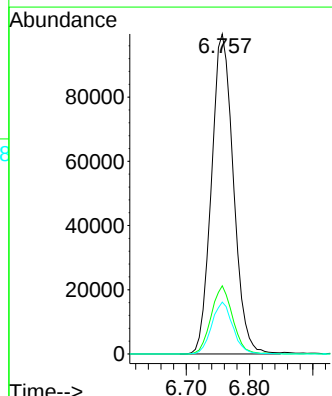
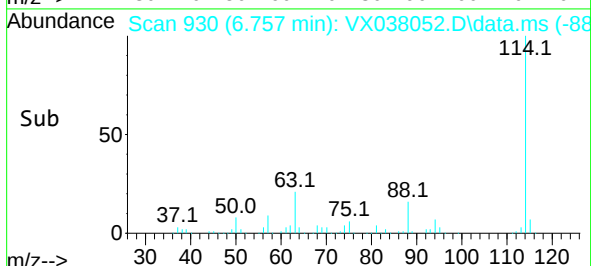
Supervised By :Mahesh Dadoda 10/05/2023

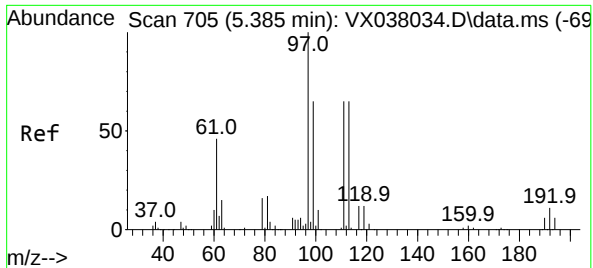


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



Tgt Ion:114 Resp: 239950
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.918 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX038052.D

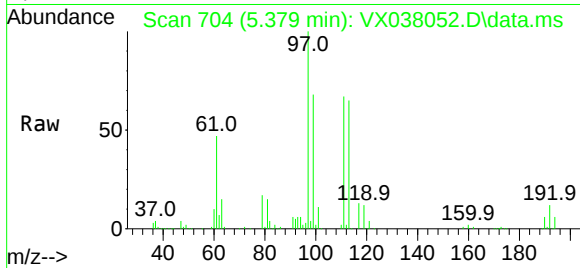
Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



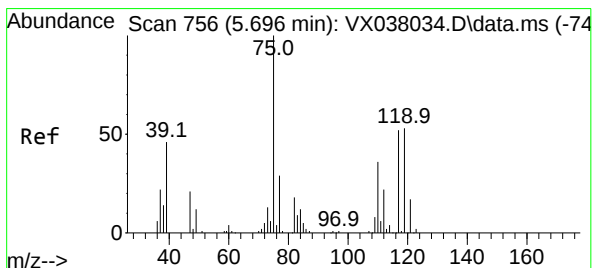
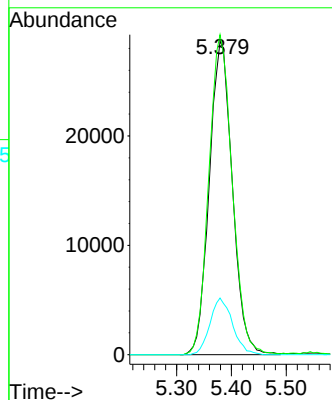
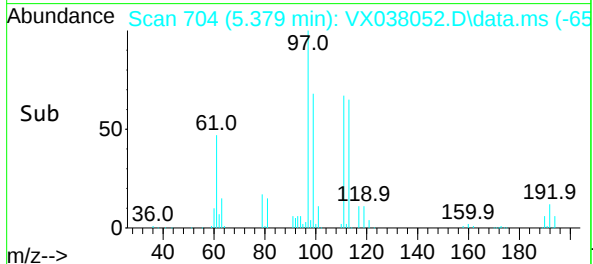
Tgt Ion:	113	Resp:	83819
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	17.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#36

1,1-Dichloropropene

Concen: 49.451 ug/l

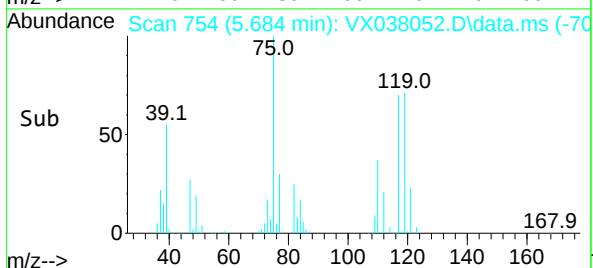
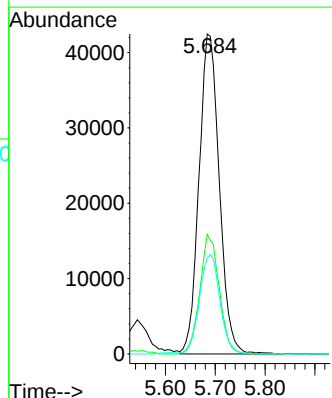
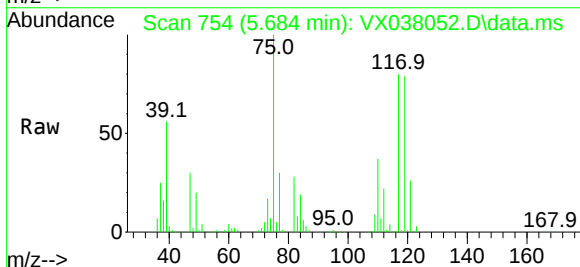
RT: 5.684 min Scan# 754

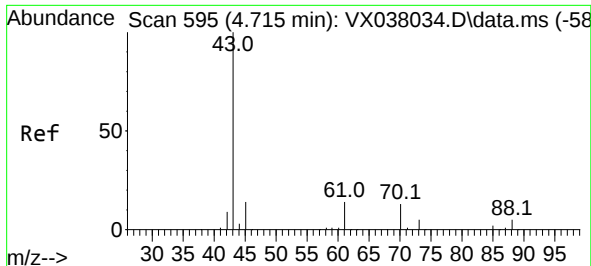
Delta R.T. -0.012 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Tgt Ion:	75	Resp:	119966
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.0	50.9
77	31.2	24.7	37.1





#37

Ethyl Acetate

Concen: 53.428 ug/l

RT: 4.702 min Scan# 595

Delta R.T. -0.012 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 145569

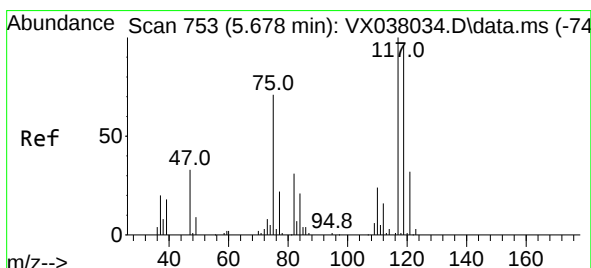
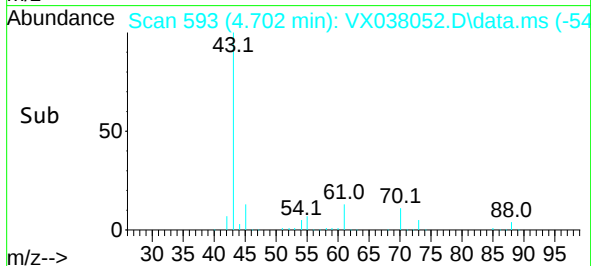
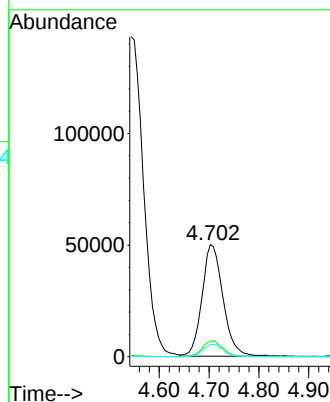
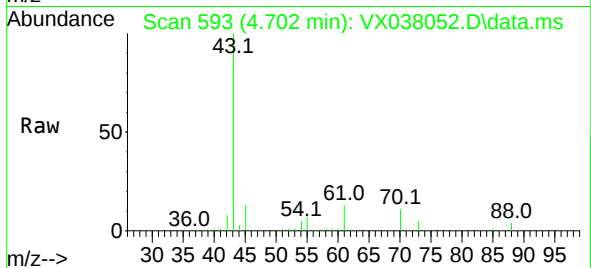
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	16.0
70	10.8	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#38

Carbon Tetrachloride

Concen: 51.769 ug/l

RT: 5.672 min Scan# 752

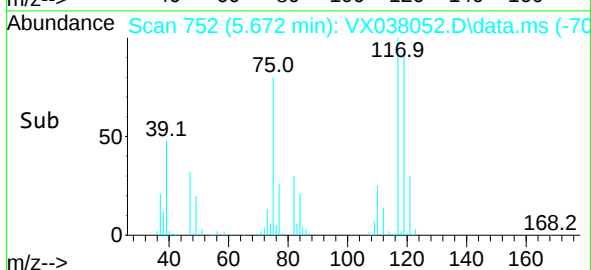
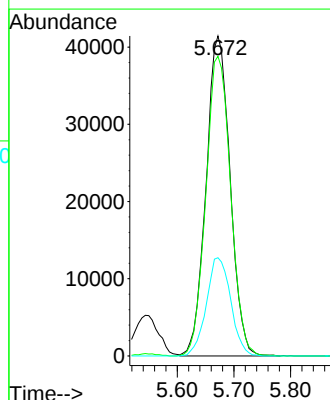
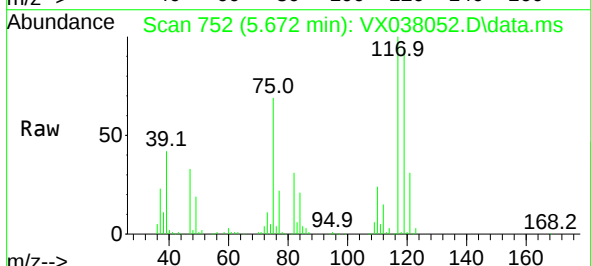
Delta R.T. -0.006 min

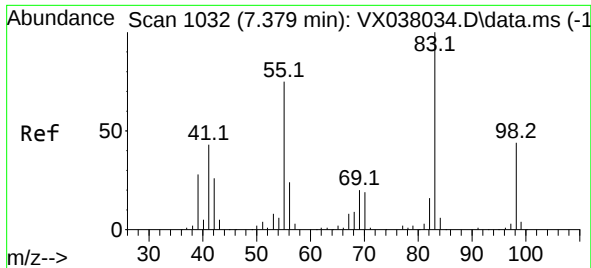
Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Tgt Ion:117 Resp: 122212

Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.2	117.2
121	30.7	24.4	36.6





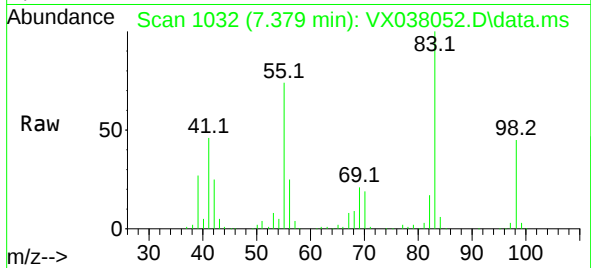
#39
Methylcyclohexane
Concen: 51.968 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



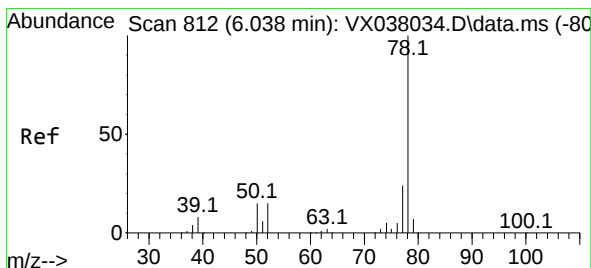
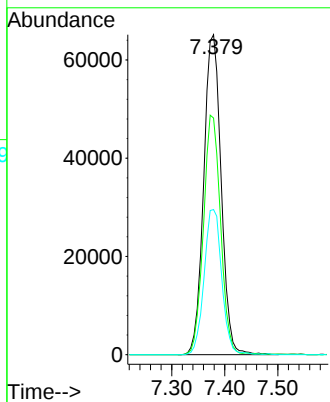
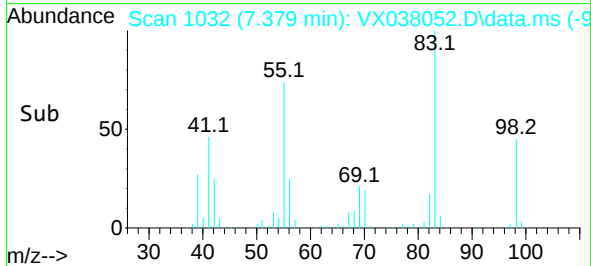
Tgt Ion: 83 Resp: 149004
Ion Ratio Lower Upper
83 100
55 73.9 64.6 97.0
98 45.4 36.7 55.1

Manual Integrations

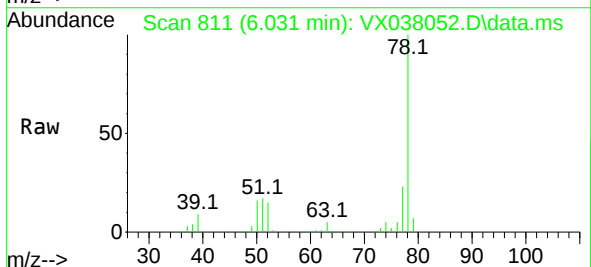
APPROVED

Reviewed By :John Carlone 10/05/2023

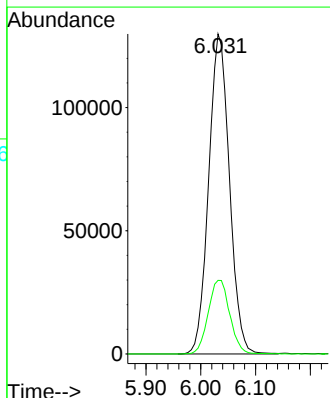
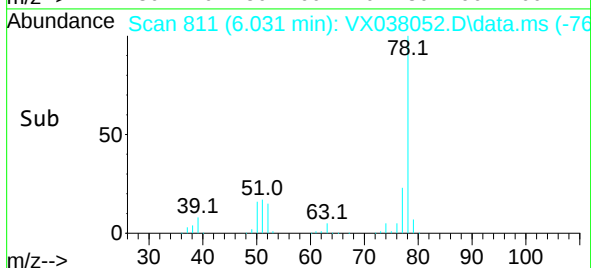
Supervised By :Mahesh Dadoda 10/05/2023

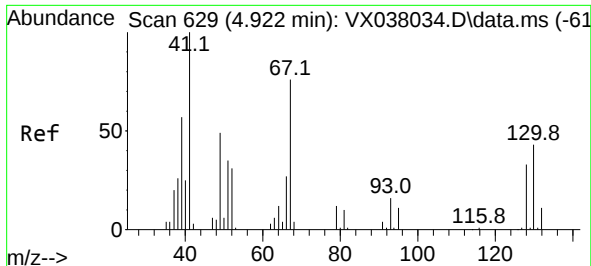


#40
Benzene
Concen: 49.840 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



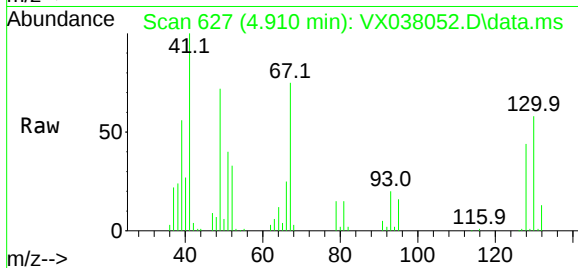
Tgt Ion: 78 Resp: 341076
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9





#41
Methacrylonitrile
Concen: 54.558 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

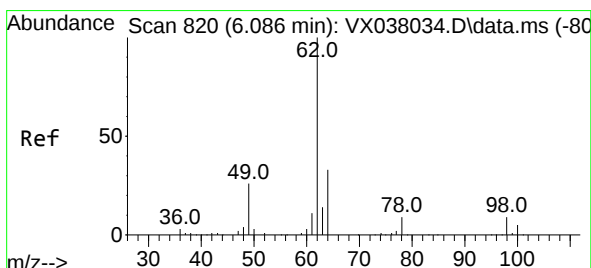
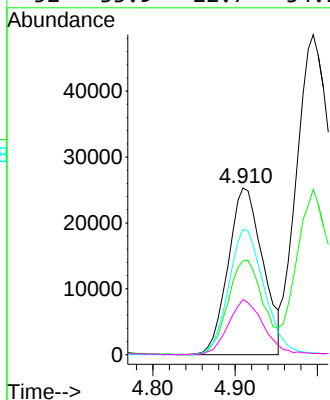
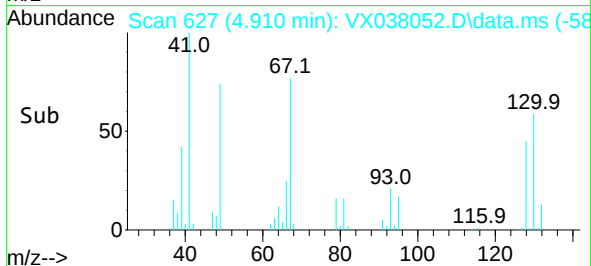
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	7442
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.2	67.8
67	77.3	52.6	78.8
52	33.9	22.7	34.1

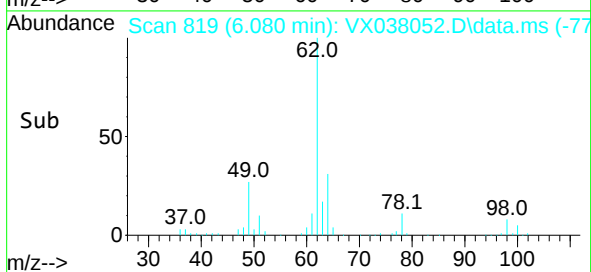
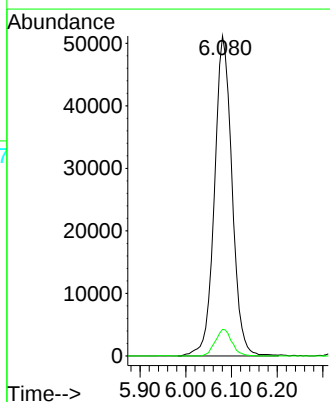
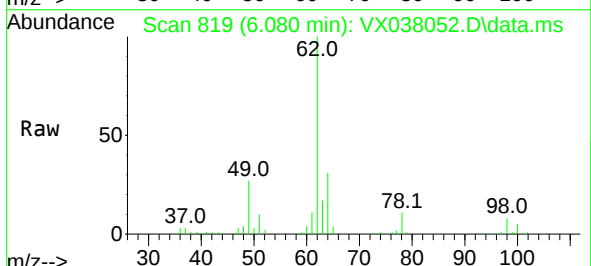
Manual Integrations
APPROVED

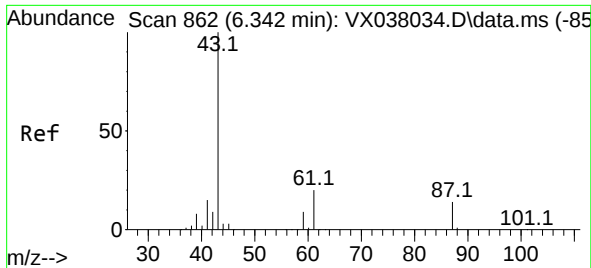
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#42
1,2-Dichloroethane
Concen: 50.911 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Tgt Ion:	62	Resp:	136634
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.0





#43

Isopropyl Acetate

Concen: 53.603 ug/l

RT: 6.330 min Scan# 80

Delta R.T. -0.012 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 22626

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

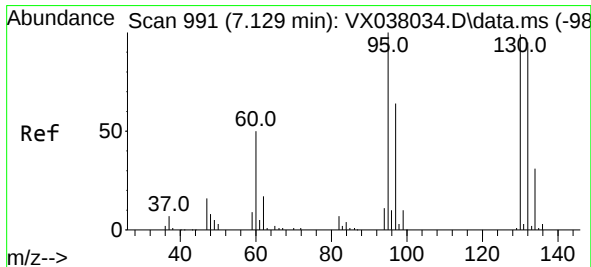
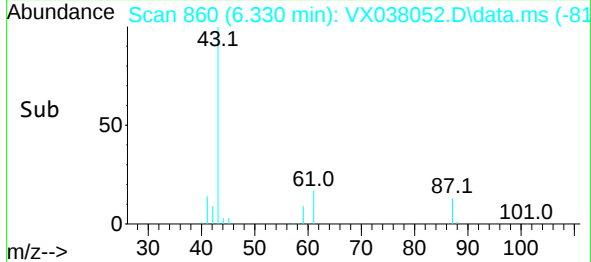
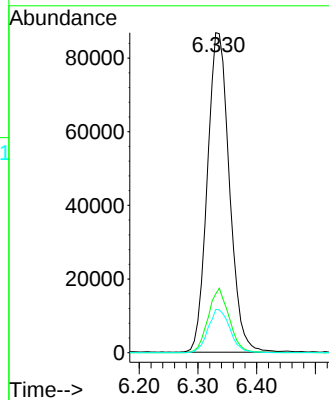
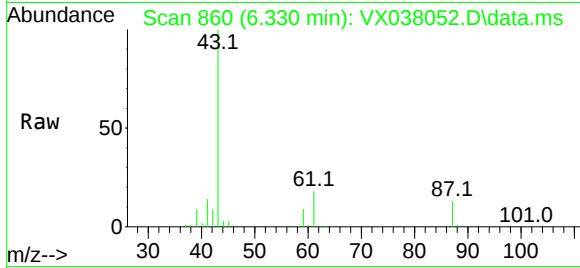
87 13.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#44

Trichloroethene

Concen: 48.764 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX038052.D

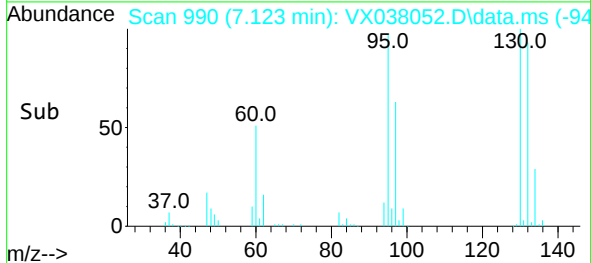
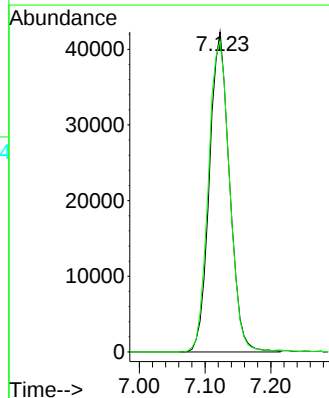
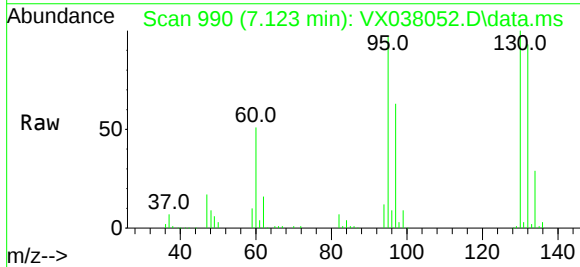
Acq: 04 Oct 2023 09:52

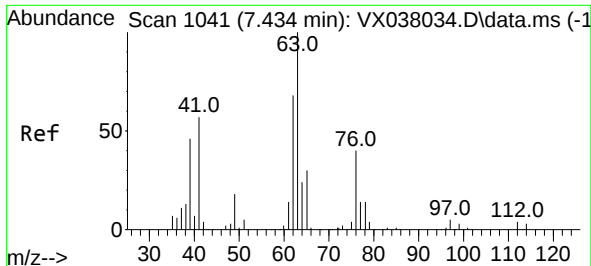
Tgt Ion:130 Resp: 90058

Ion Ratio Lower Upper

130 100

95 97.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.193 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8918

Ion Ratio Lower Upper

63 100

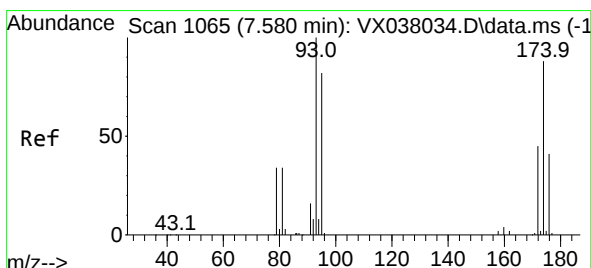
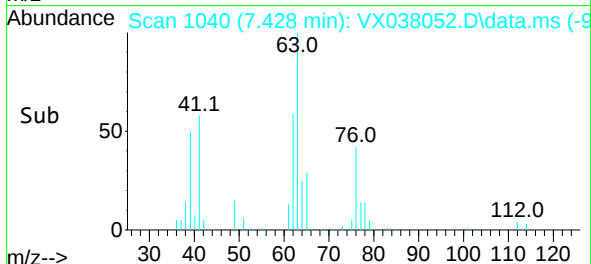
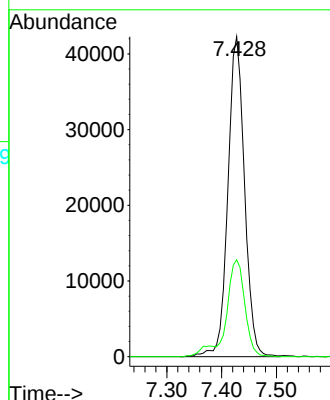
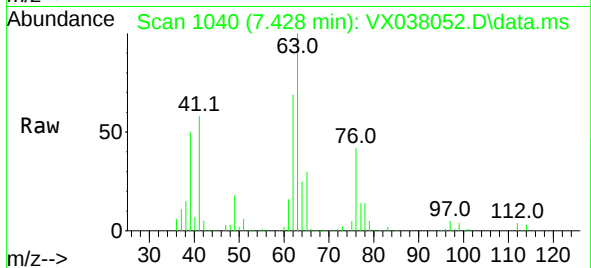
65 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#46

Dibromomethane

Concen: 49.532 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

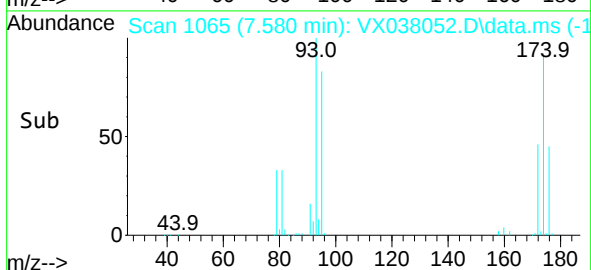
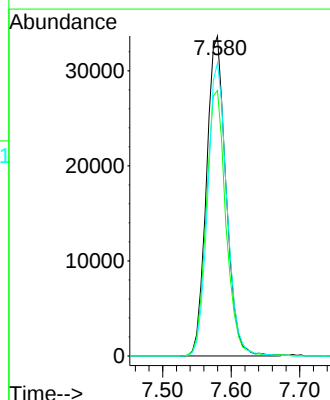
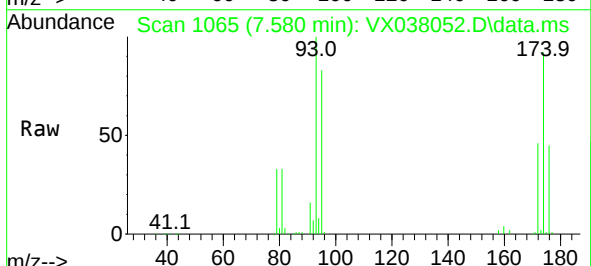
Tgt Ion: 93 Resp: 66828

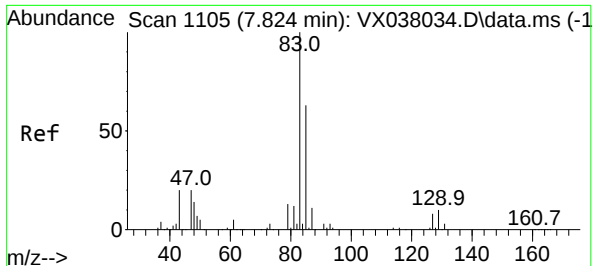
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 90.0 69.4 104.0





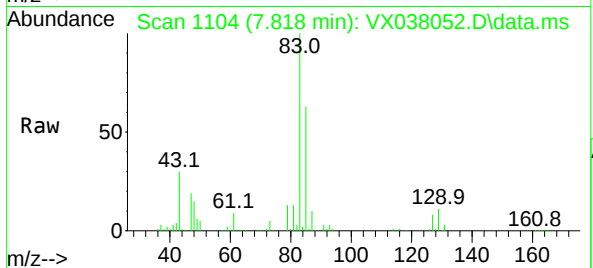
#47
Bromodichloromethane
Concen: 53.655 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



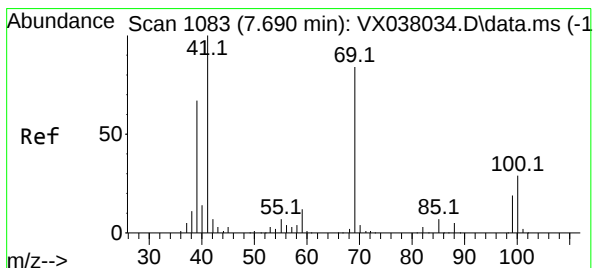
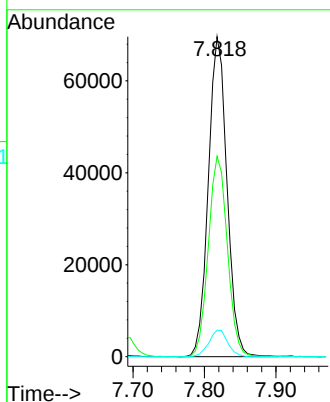
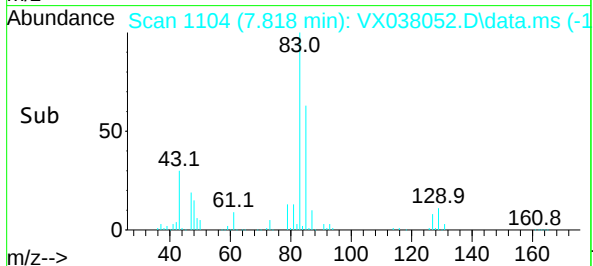
Tgt Ion: 83 Resp: 126029
Ion Ratio Lower Upper
83 100
85 62.6 49.8 74.6
127 8.3 7.1 10.7

Manual Integrations

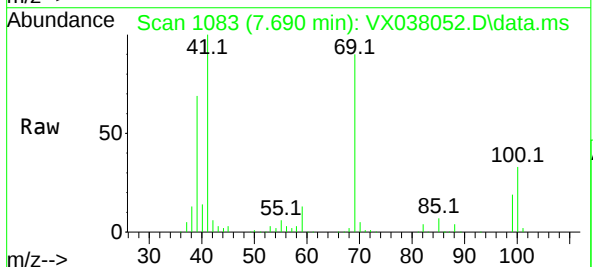
APPROVED

Reviewed By :John Carlone 10/05/2023

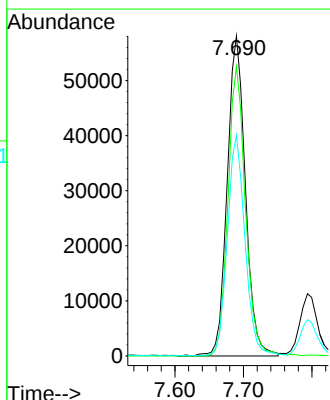
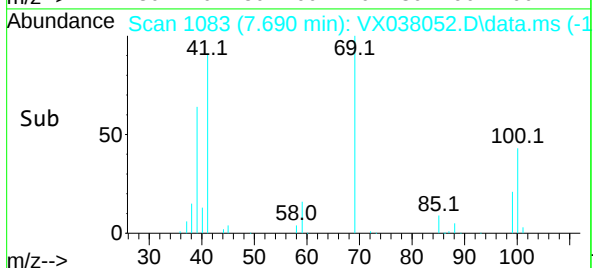
Supervised By :Mahesh Dadoda 10/05/2023

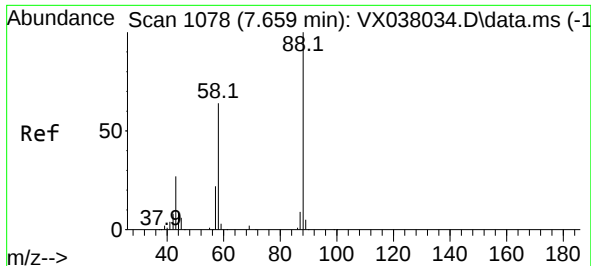


#48
Methyl methacrylate
Concen: 52.678 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



Tgt Ion: 41 Resp: 106912
Ion Ratio Lower Upper
41 100
69 87.3 59.2 88.8
39 66.8 47.7 71.5





#49

1,4-Dioxane

Concen: 1116.764 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

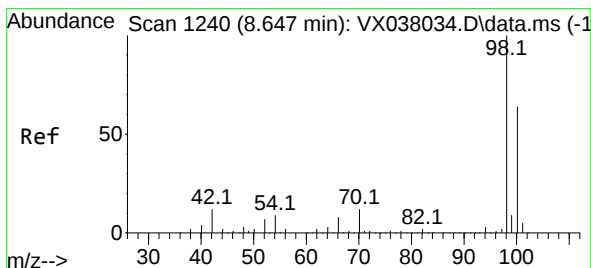
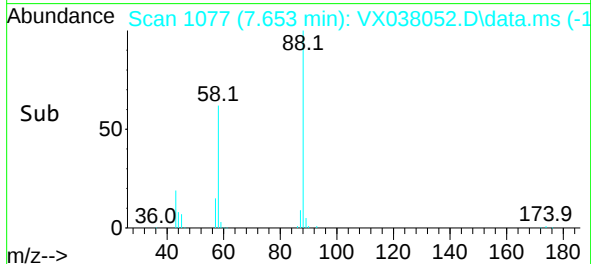
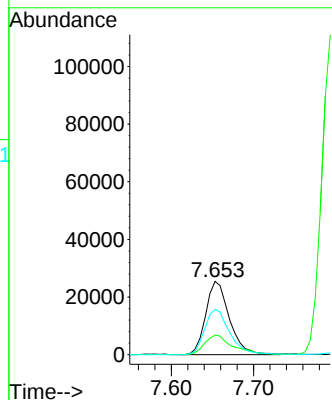
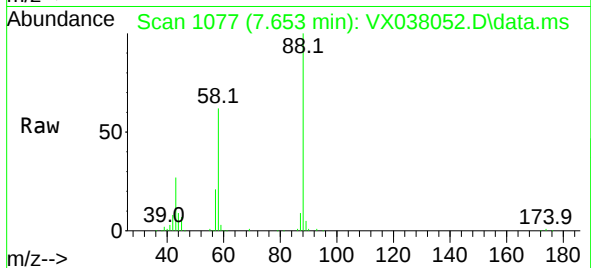
Tgt Ion: 88 Resp: 50800
 Ion Ratio Lower Upper
 88 100
 43 31.8 0.0 0.0
 58 66.0 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#50

Toluene-d8

Concen: 51.628 ug/l

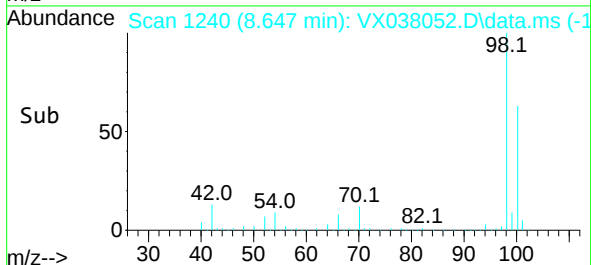
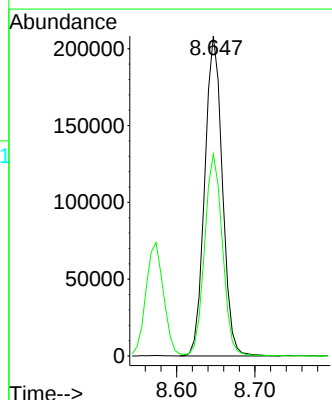
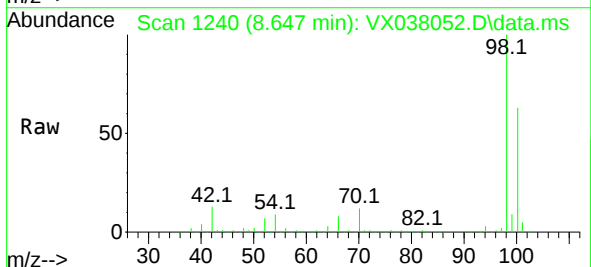
RT: 8.647 min Scan# 1240

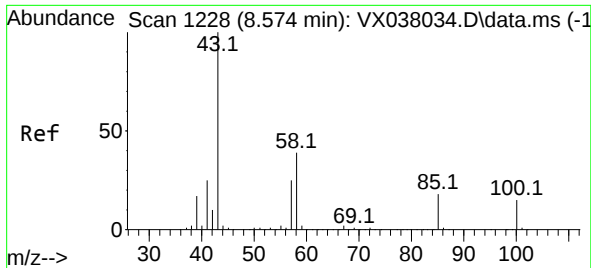
Delta R.T. 0.000 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Tgt Ion: 98 Resp: 325251
 Ion Ratio Lower Upper
 98 100
 100 63.7 53.1 79.7





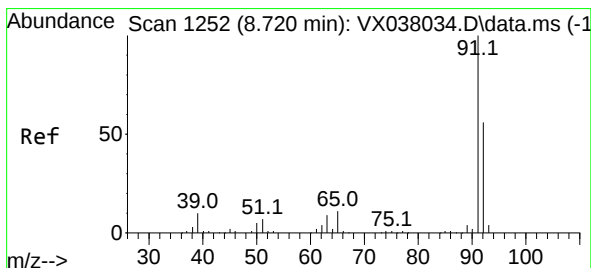
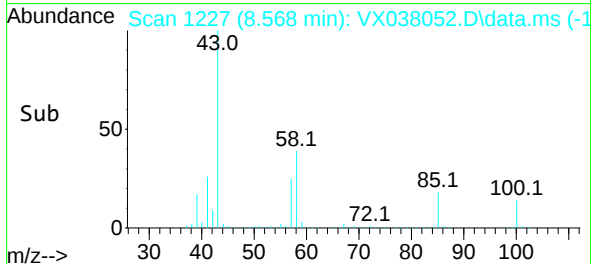
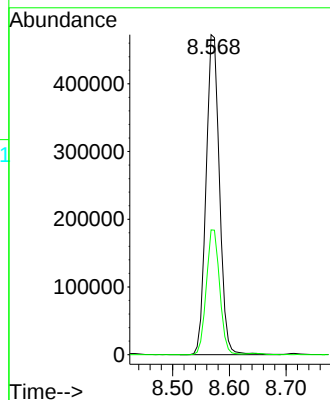
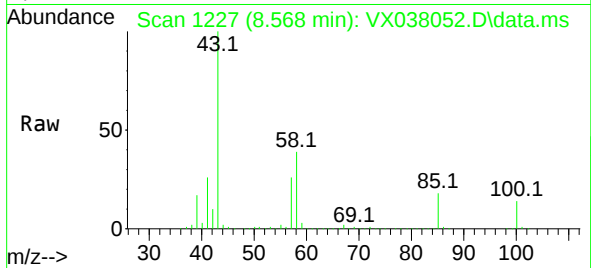
#51
4-Methyl-2-Pentanone
Concen: 263.634 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 77316
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6

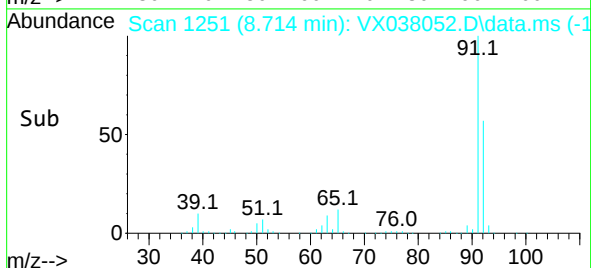
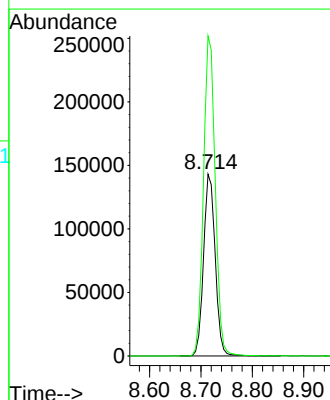
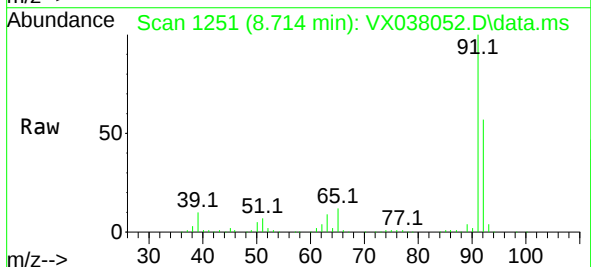
Manual Integrations
APPROVED

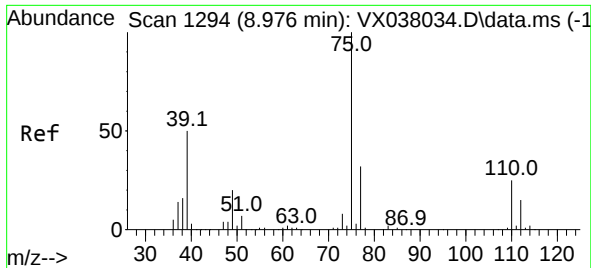
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#52
Toluene
Concen: 50.670 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

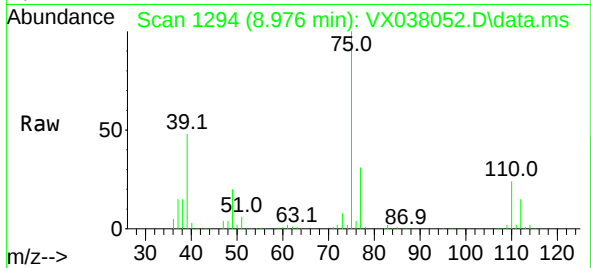
Tgt Ion: 92 Resp: 224437
Ion Ratio Lower Upper
92 100
91 177.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 57.396 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

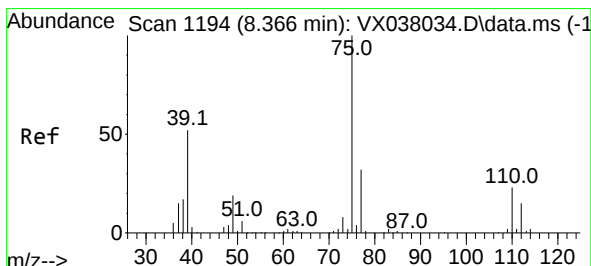
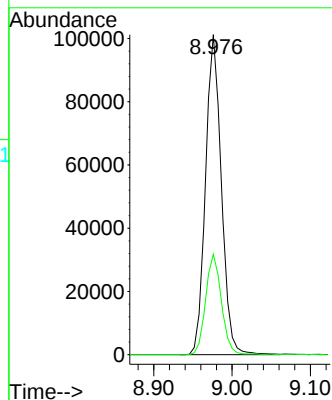
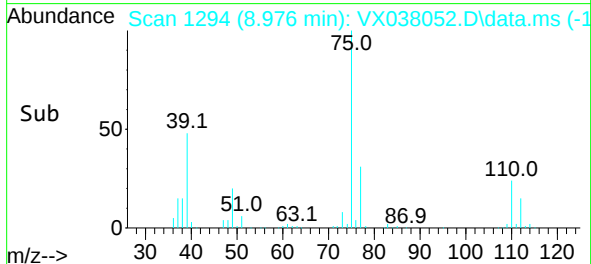
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



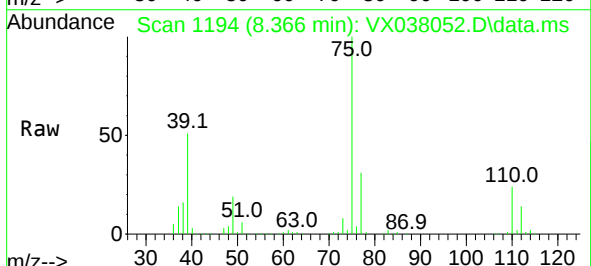
Tgt Ion: 75 Resp: 142010
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5

Manual Integrations
APPROVED

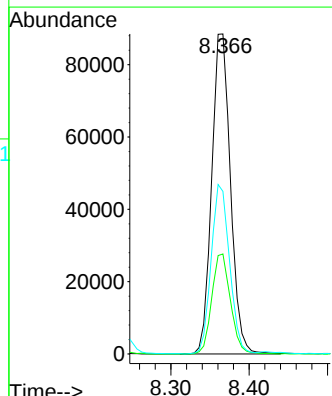
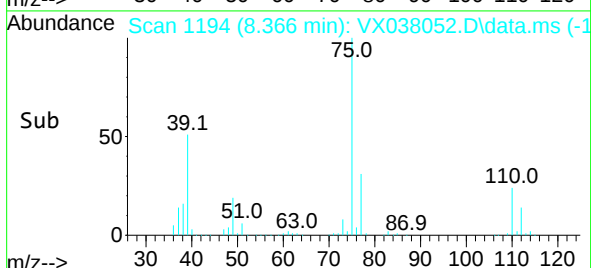
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

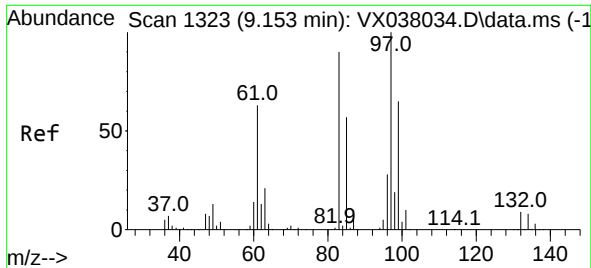


#54
cis-1,3-Dichloropropene
Concen: 55.962 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



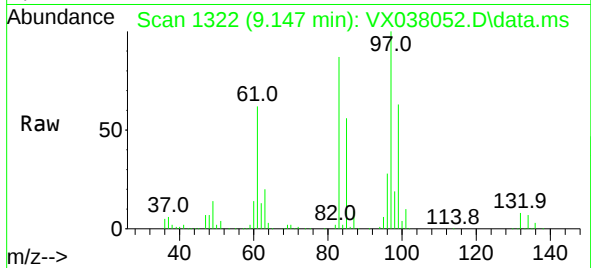
Tgt Ion: 75 Resp: 147336
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 50.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.986 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

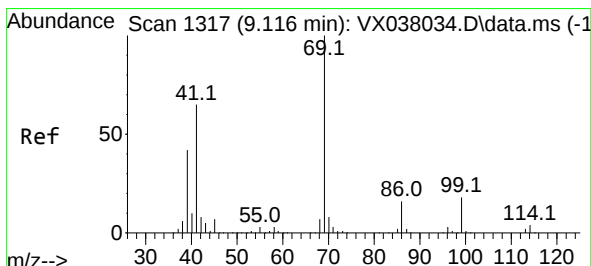
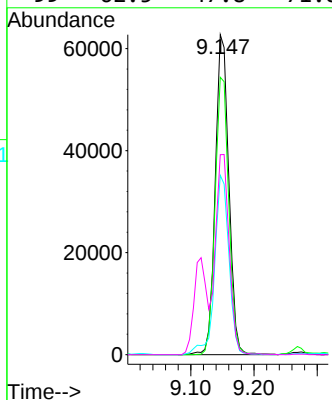
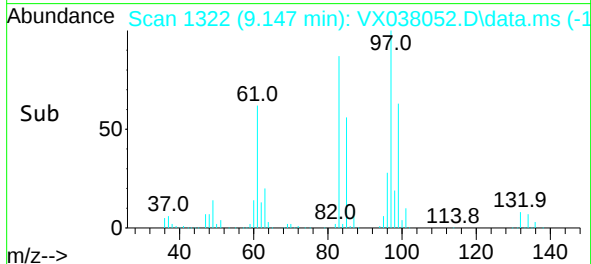
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



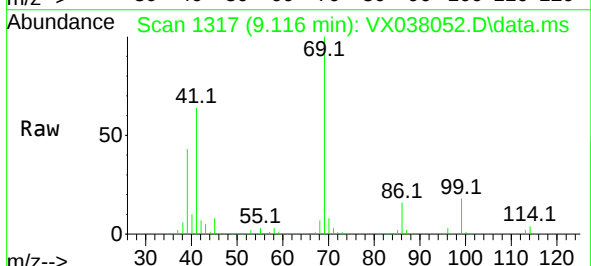
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.8	98.8
85	56.1	41.6	62.4
99	62.5	47.8	71.8

Manual Integrations
APPROVED

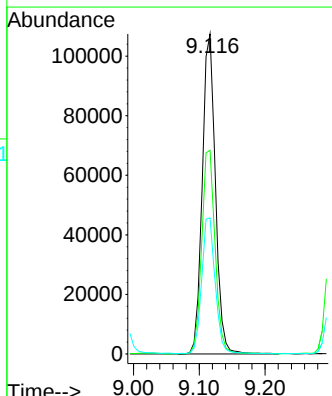
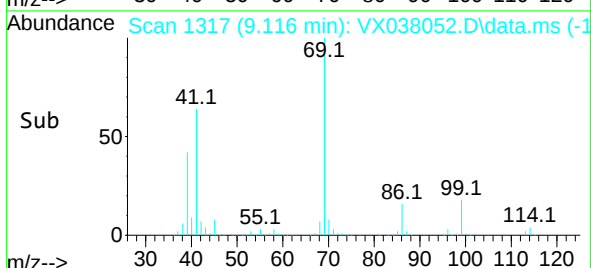
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

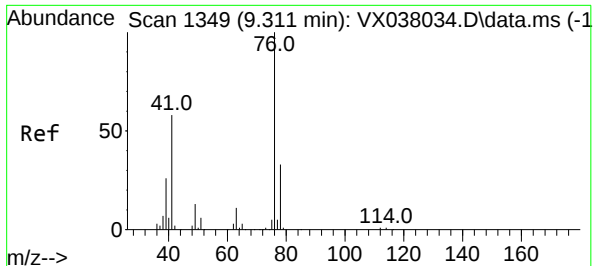


#56
Ethyl methacrylate
Concen: 55.388 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.2	56.8	85.2
39	43.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.825 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 156749

Ion Ratio Lower Upper

76 100

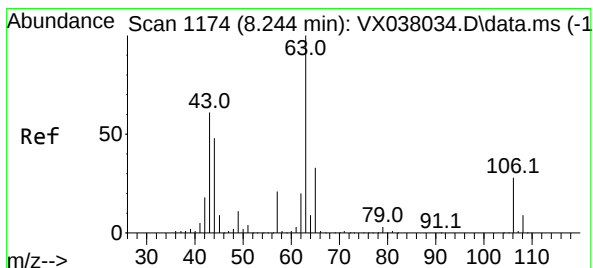
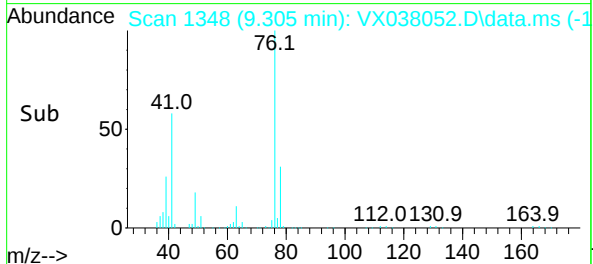
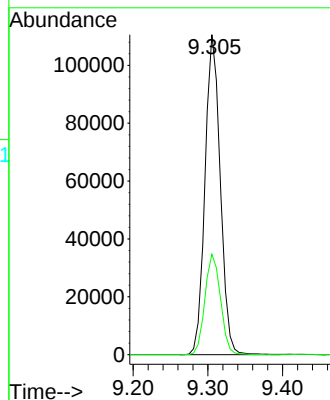
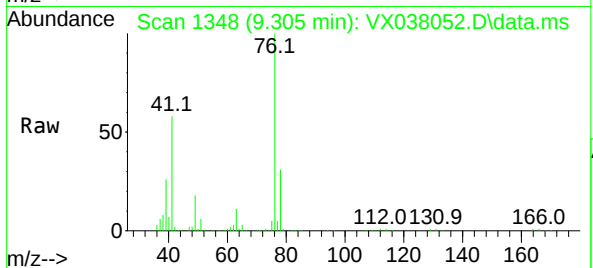
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#58

2-Chloroethyl Vinyl ether

Concen: 284.398 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038052.D

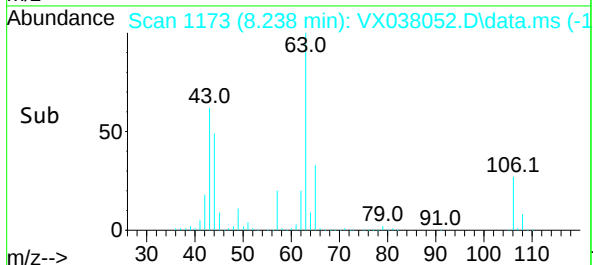
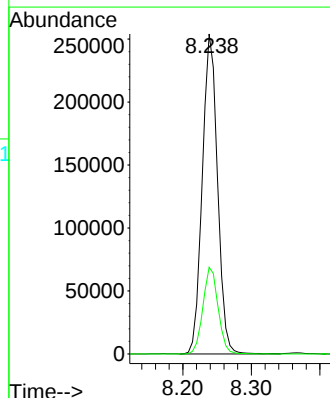
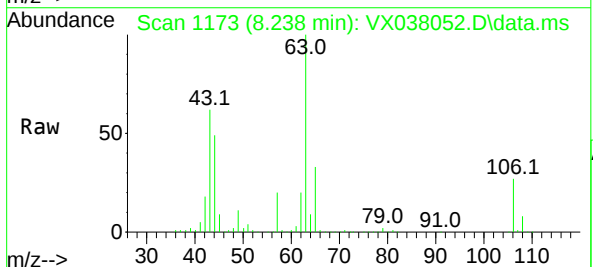
Acq: 04 Oct 2023 09:52

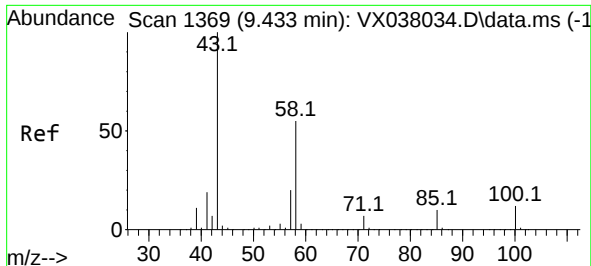
Tgt Ion: 63 Resp: 392943

Ion Ratio Lower Upper

63 100

106 27.0 22.5 33.7





#59

2-Hexanone

Concen: 270.114 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 633708

Ion Ratio Lower Upper

43 100

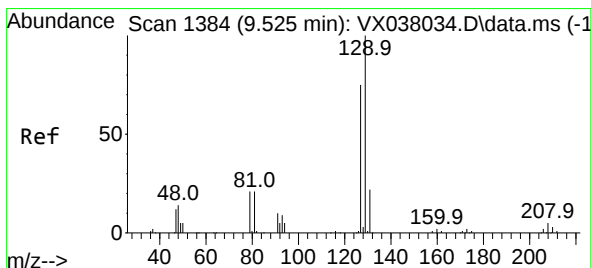
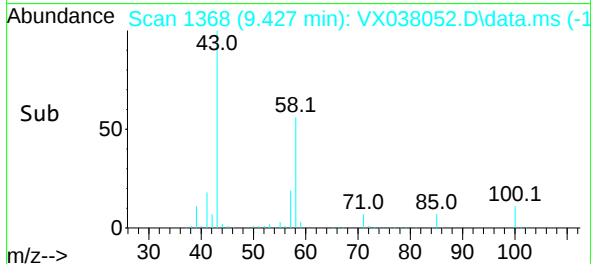
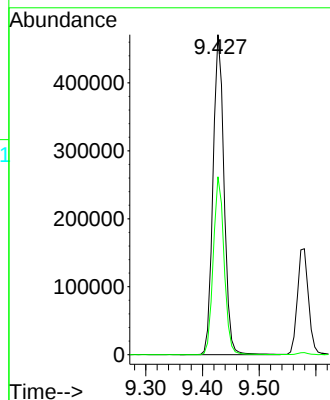
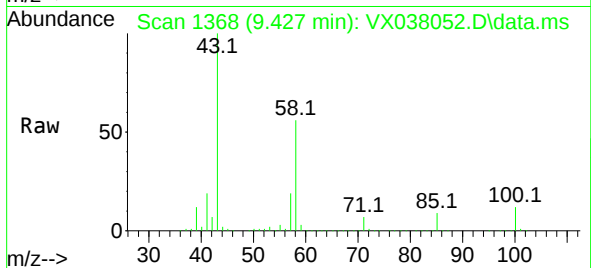
58 54.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#60

Dibromochloromethane

Concen: 57.042 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038052.D

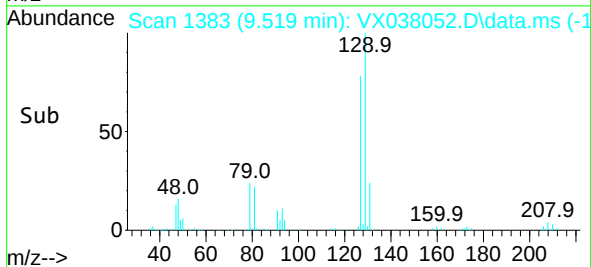
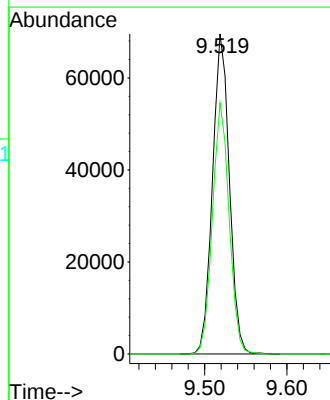
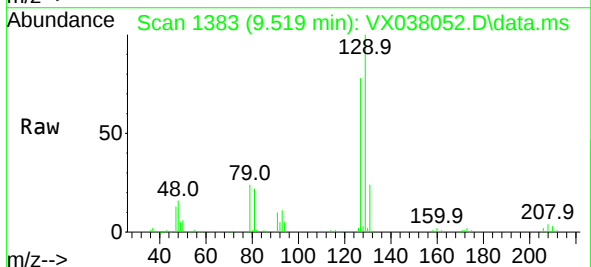
Acq: 04 Oct 2023 09:52

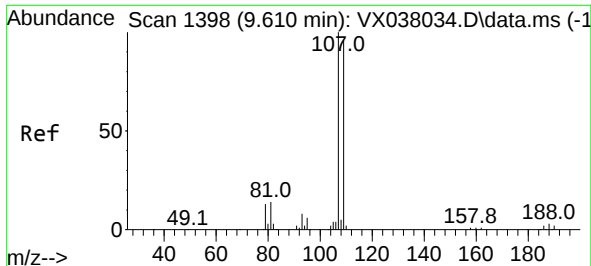
Tgt Ion:129 Resp: 98735

Ion Ratio Lower Upper

129 100

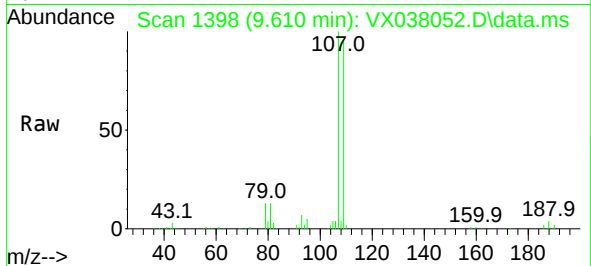
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.874 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

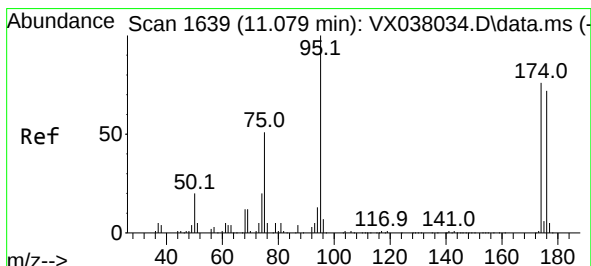
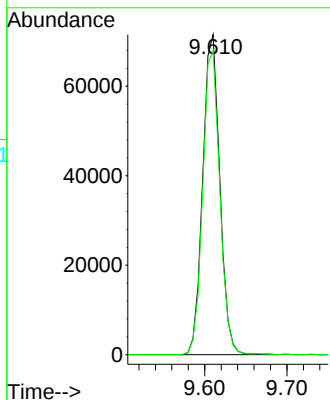
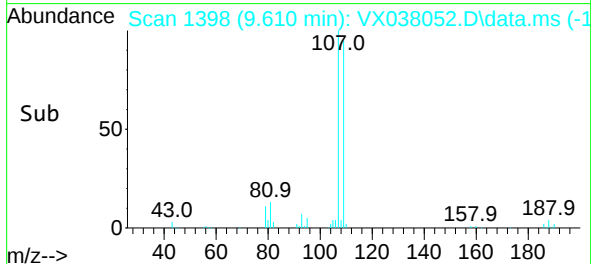
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



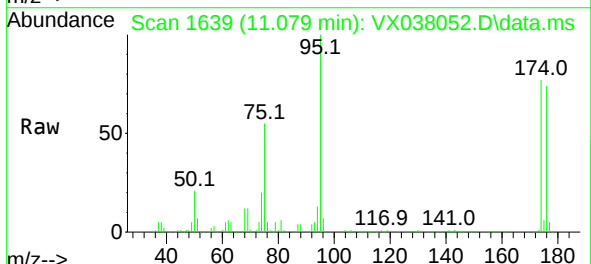
Tgt Ion:107 Resp: 103109
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

Manual Integrations
APPROVED

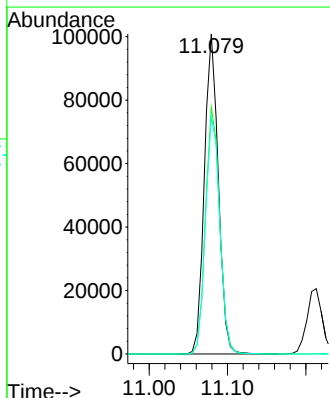
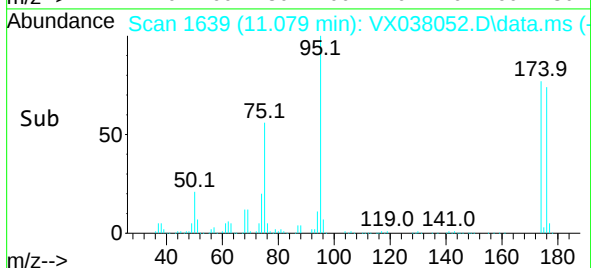
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

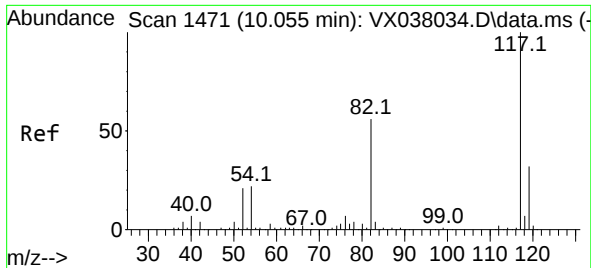


#62
4-Bromofluorobenzene
Concen: 54.201 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



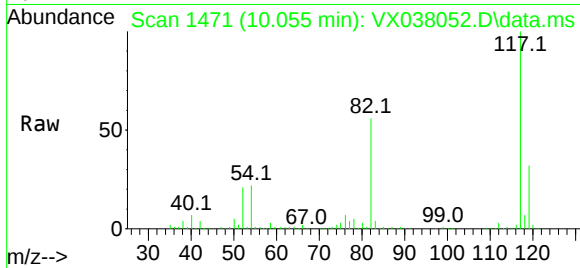
Tgt Ion: 95 Resp: 124270
Ion Ratio Lower Upper
95 100
174 78.6 0.0 135.6
176 76.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

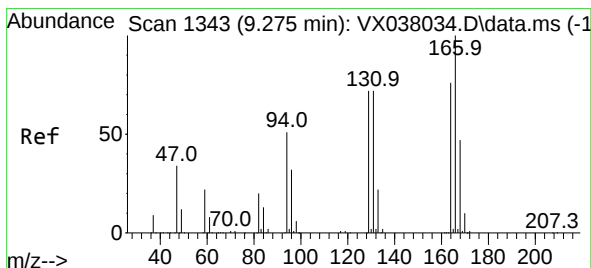
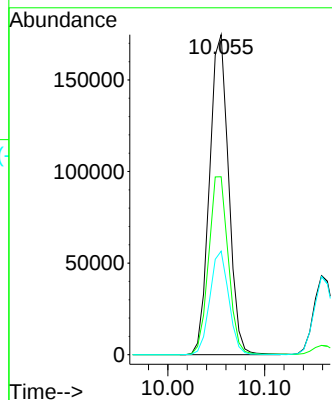
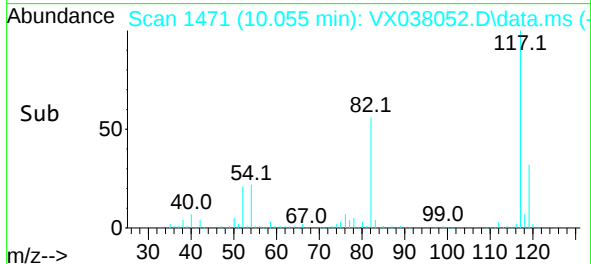
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 24015
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.3 25.5 38.3

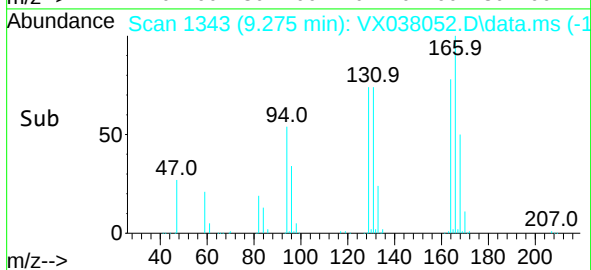
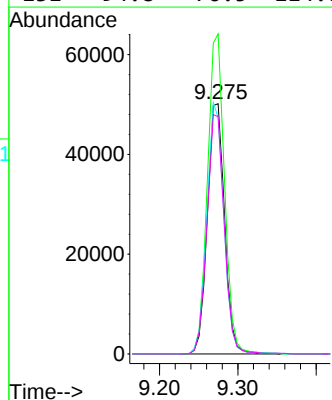
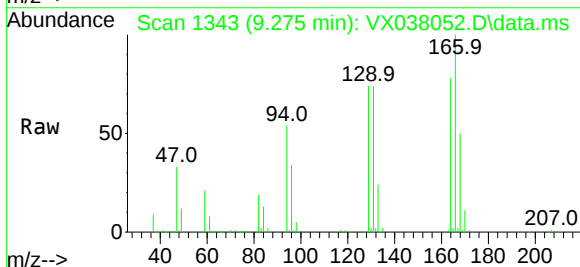
Manual Integrations
APPROVED

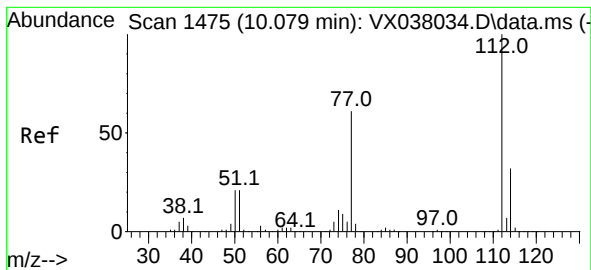
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#64
Tetrachloroethene
Concen: 47.778 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

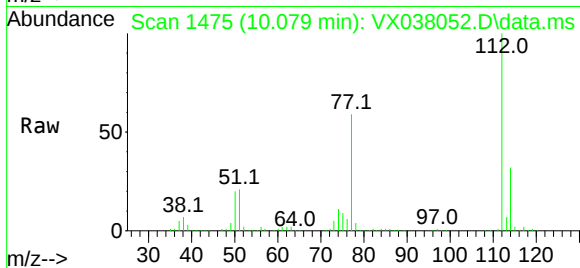
Tgt Ion:164 Resp: 76344
Ion Ratio Lower Upper
164 100
166 127.9 102.7 154.1
129 94.5 80.4 120.6
131 94.8 76.5 114.7





#65
Chlorobenzene
Concen: 48.292 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

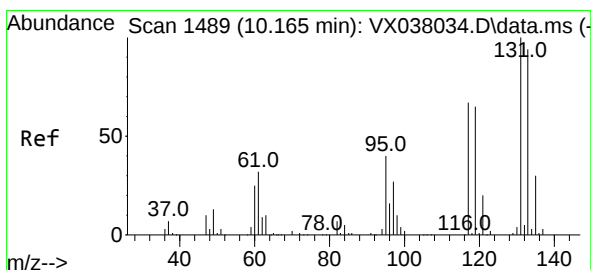
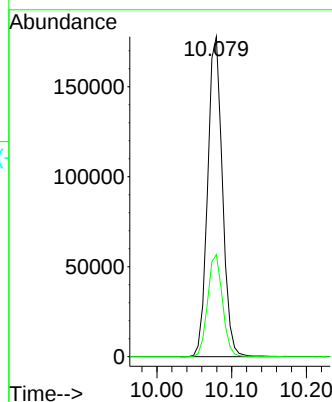
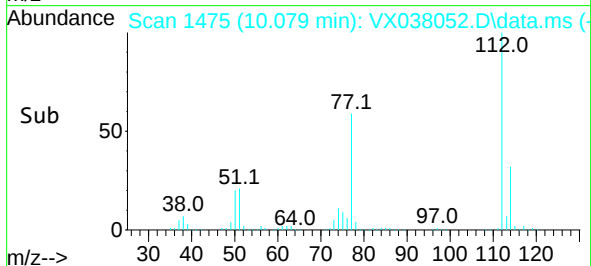
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



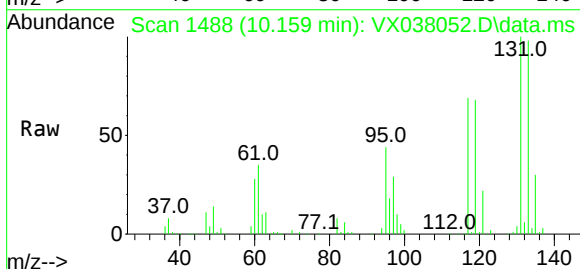
Tgt Ion:112 Resp: 243454
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

Manual Integrations
APPROVED

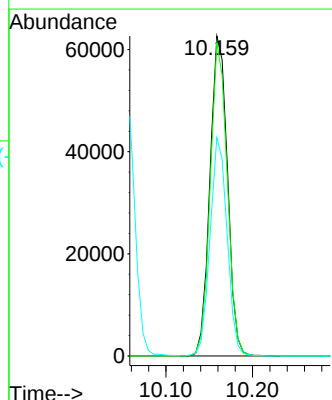
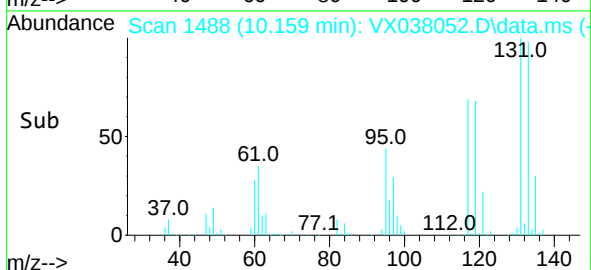
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

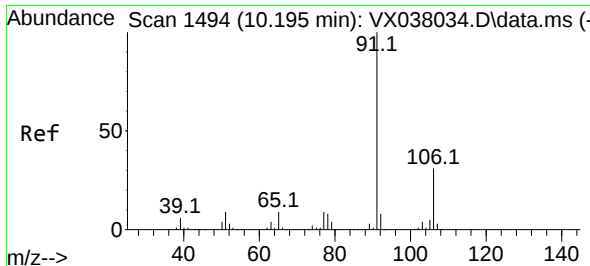


#66
1,1,1,2-Tetrachloroethane
Concen: 52.322 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



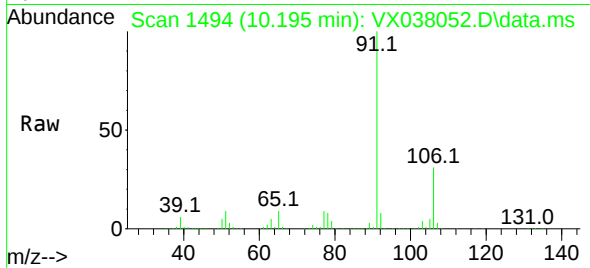
Tgt Ion:131 Resp: 87956
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 66.5 32.2 96.6





#67
Ethyl Benzene
Concen: 50.043 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

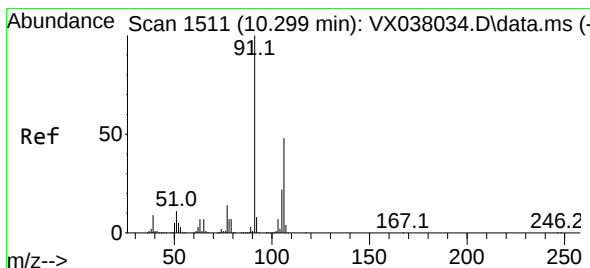
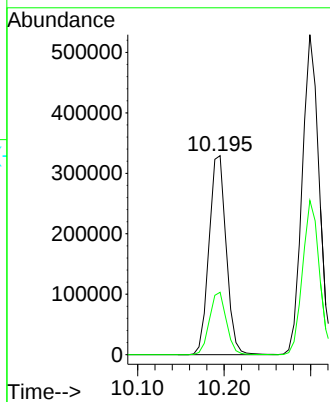
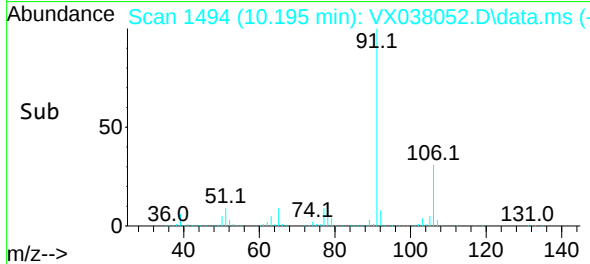
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



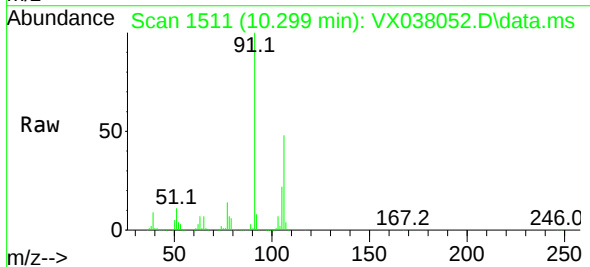
Tgt Ion: 91 Resp: 453815
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

Manual Integrations
APPROVED

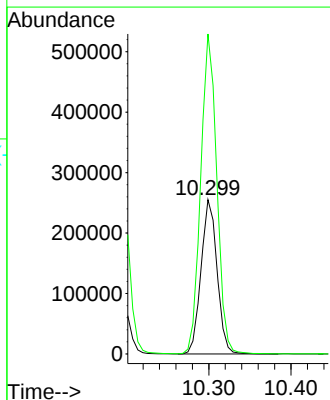
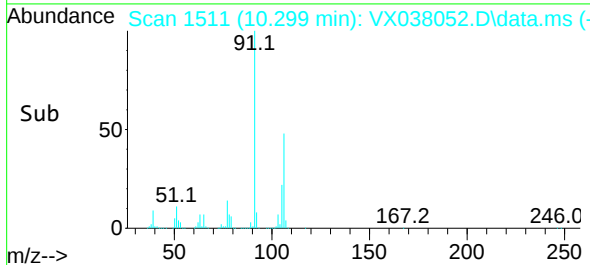
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

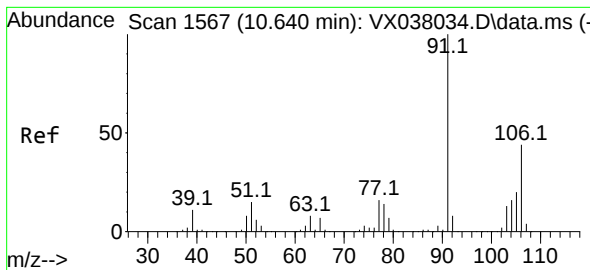


#68
m/p-Xylenes
Concen: 99.396 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



Tgt Ion:106 Resp: 345199
Ion Ratio Lower Upper
106 100
91 208.4 165.5 248.3





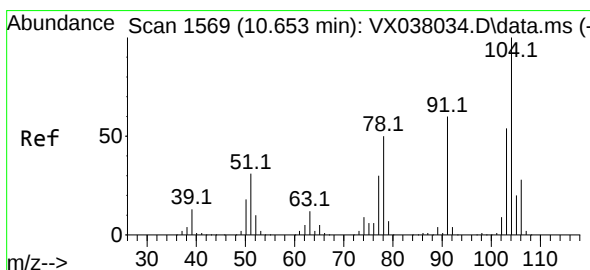
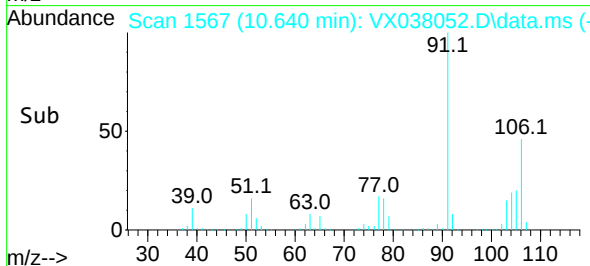
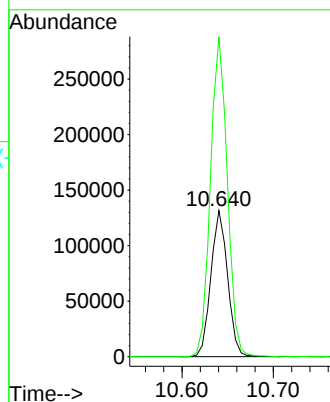
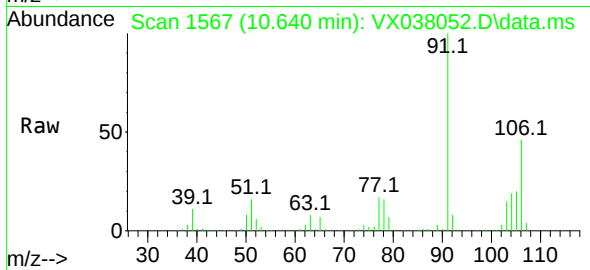
#69
o-Xylene
Concen: 50.514 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 16660
Ion Ratio Lower Upper
106 100
91 222.0 108.9 326.8

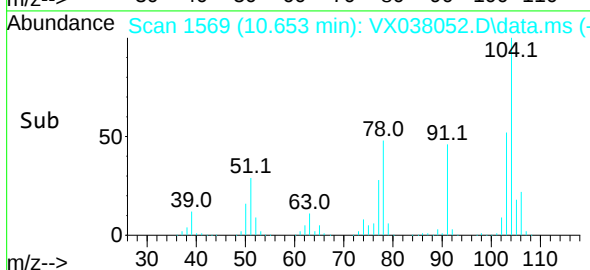
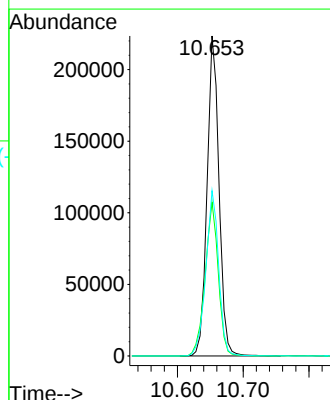
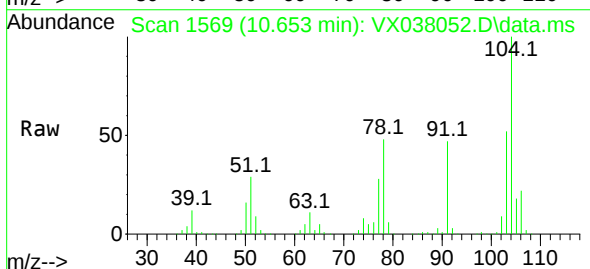
Manual Integrations
APPROVED

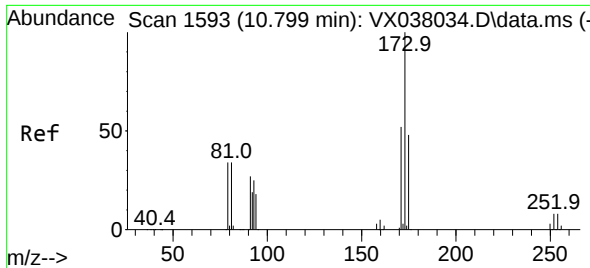
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#70
Styrene
Concen: 51.802 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

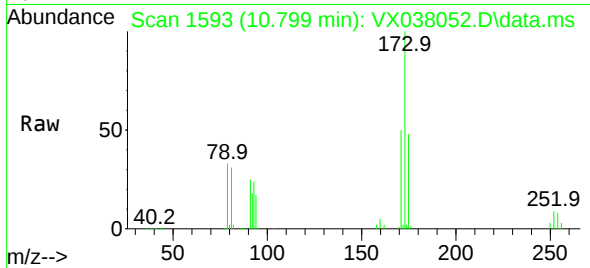
Tgt Ion:104 Resp: 282189
Ion Ratio Lower Upper
104 100
78 53.0 43.6 65.4
103 55.7 43.6 65.4





#71
Bromoform
Concen: 57.160 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

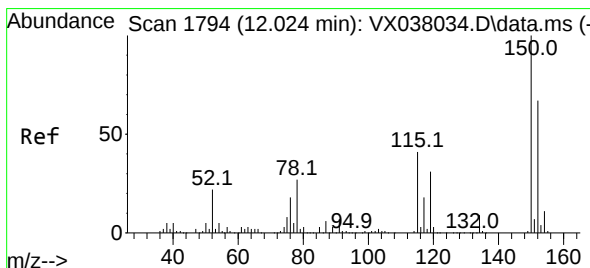
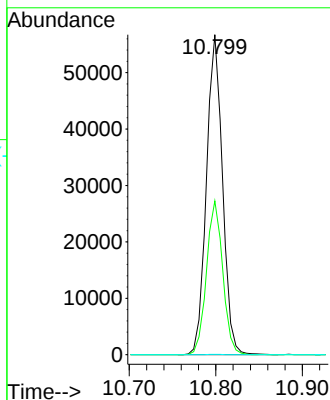
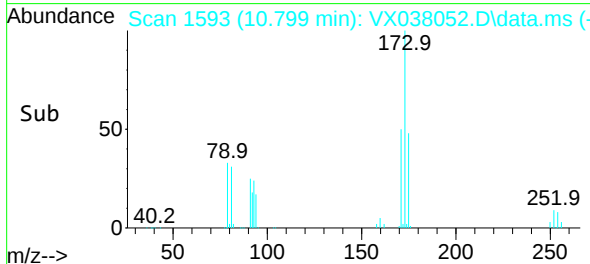
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



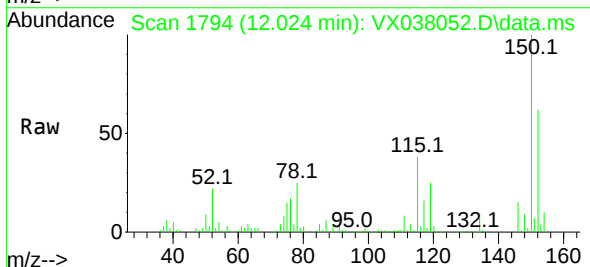
Tgt Ion:173 Resp: 73048
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

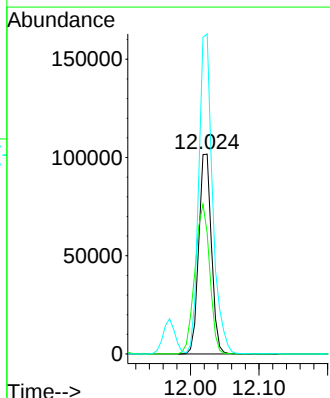
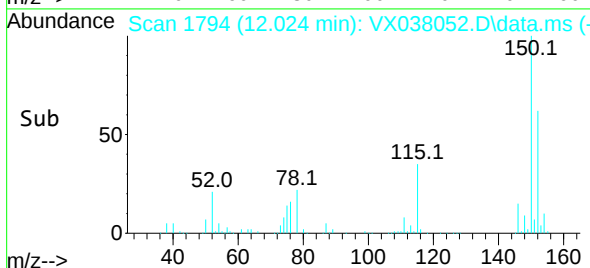
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

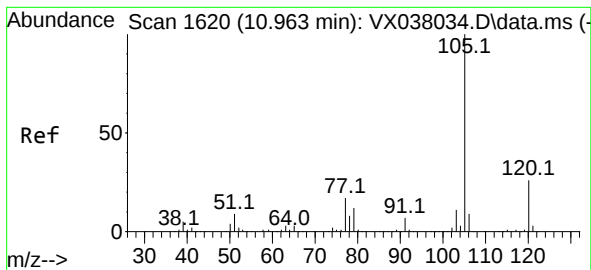


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



Tgt Ion:152 Resp: 131354
Ion Ratio Lower Upper
152 100
115 87.3 43.3 129.9
150 174.1 0.0 345.0





#73

Isopropylbenzene

Concen: 50.332 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 448679

Ion Ratio Lower Upper

105 100

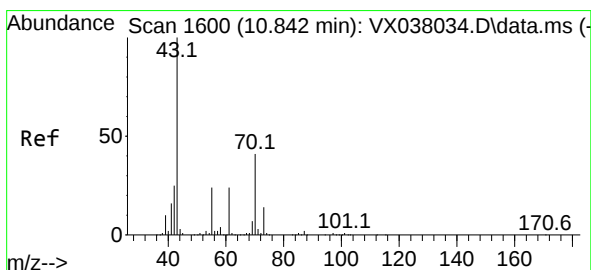
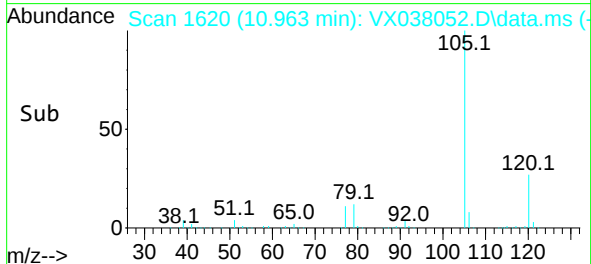
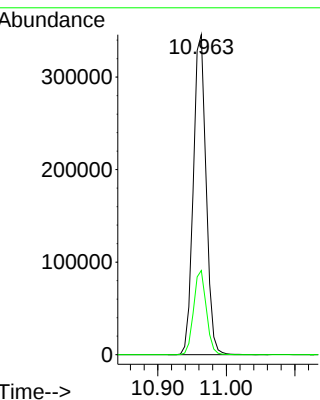
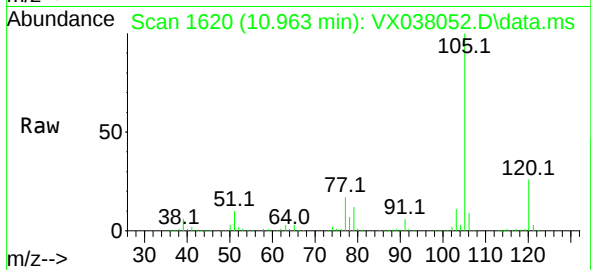
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#74

N-ethyl acetate

Concen: 51.700 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Tgt Ion: 43 Resp: 207418

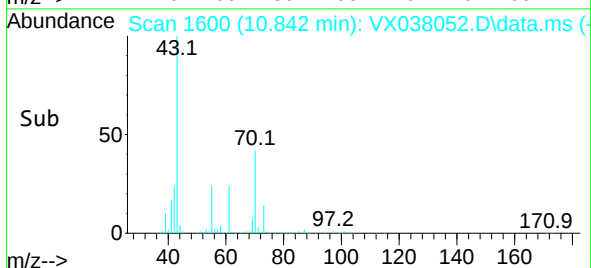
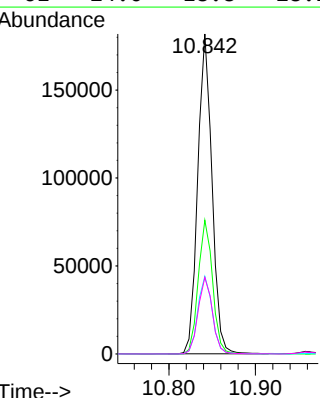
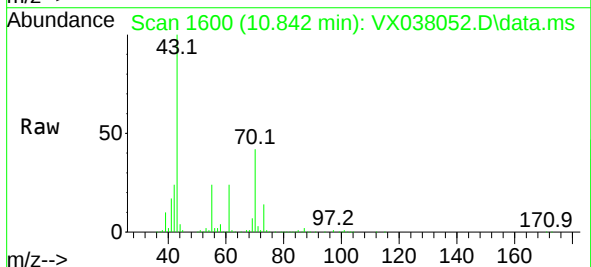
Ion Ratio Lower Upper

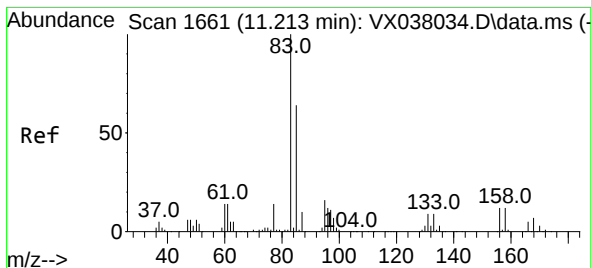
43 100

70 42.3 32.9 49.3

55 24.7 19.3 28.9

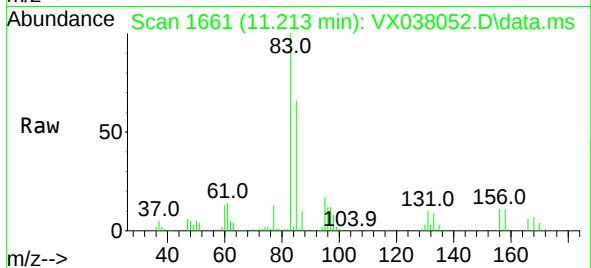
61 24.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.289 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

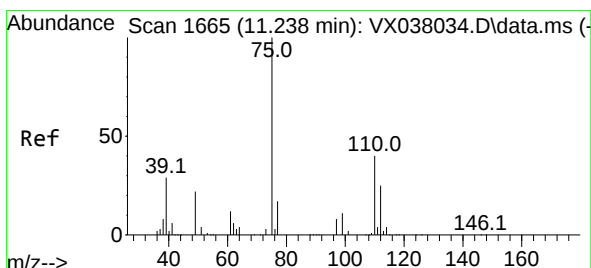
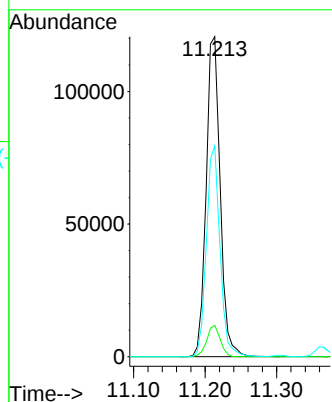
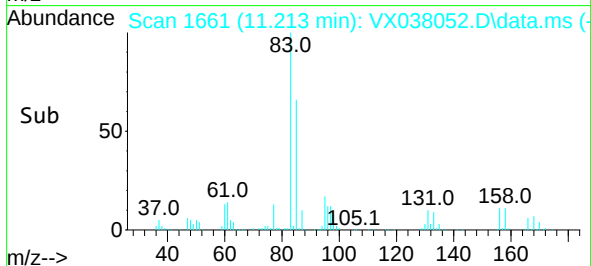
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



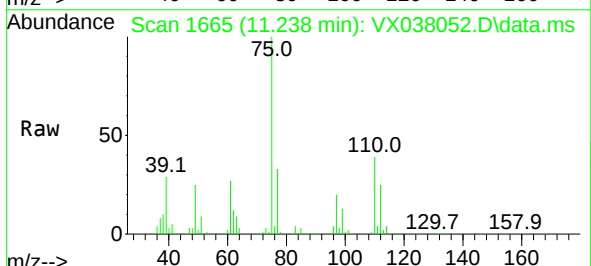
Tgt Ion: 83 Resp: 164458
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 64.2 32.0 96.2

Manual Integrations
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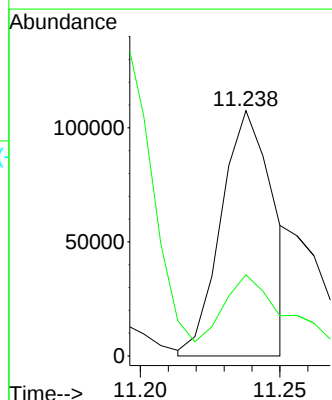
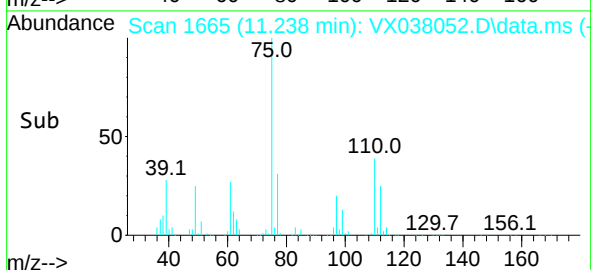
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

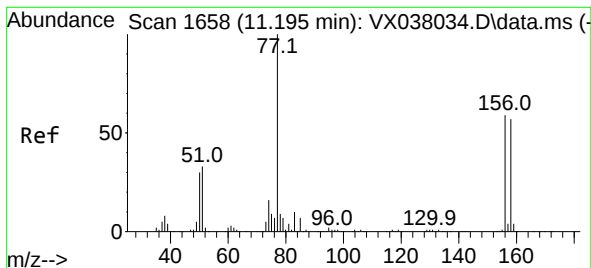


#76
1,2,3-Trichloropropane
Concen: 45.619 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



Tgt Ion: 75 Resp: 138810
Ion Ratio Lower Upper
75 100
77 42.9 19.1 57.5





#77

Bromobenzene

Concen: 48.503 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 106000

Ion Ratio Lower Upper

156 100

77 164.9 88.4 265.3

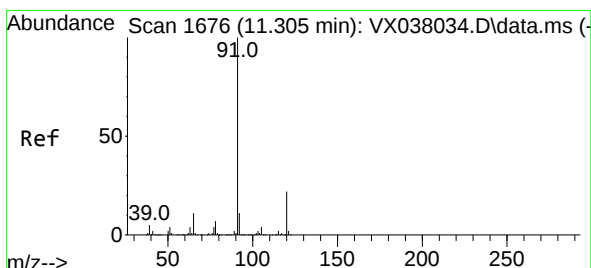
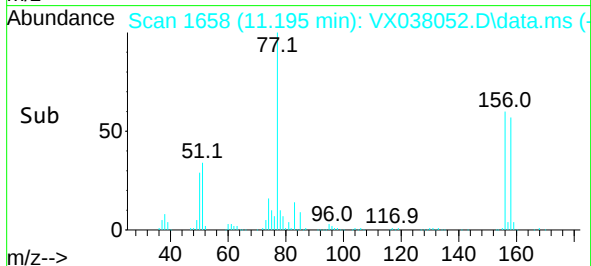
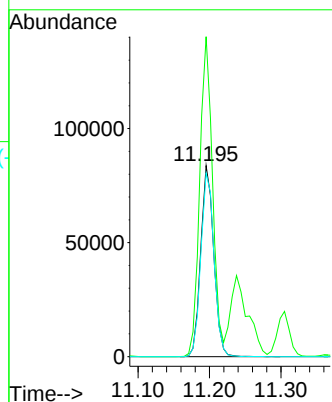
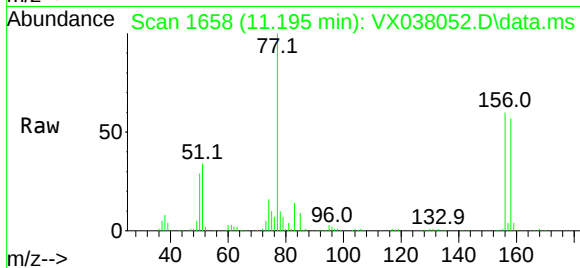
158 97.2 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#78

n-propylbenzene

Concen: 50.742 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038052.D

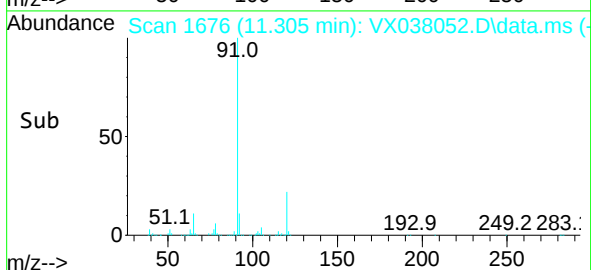
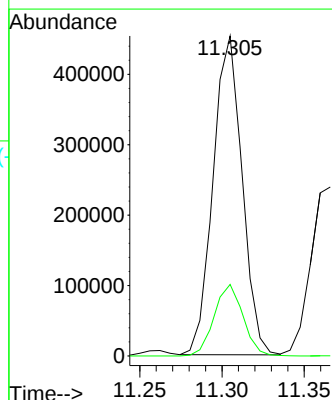
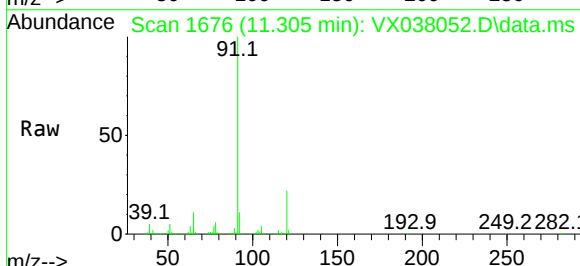
Acq: 04 Oct 2023 09:52

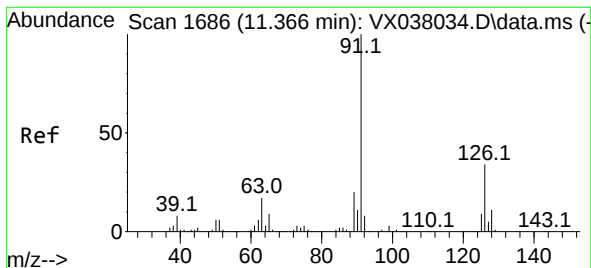
Tgt Ion: 91 Resp: 555818

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4





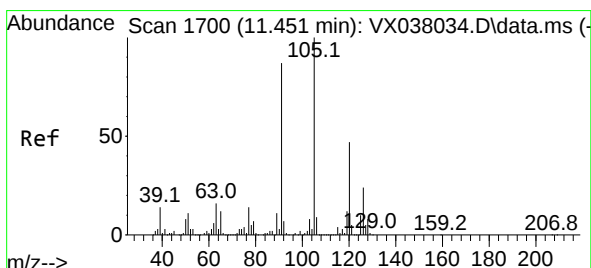
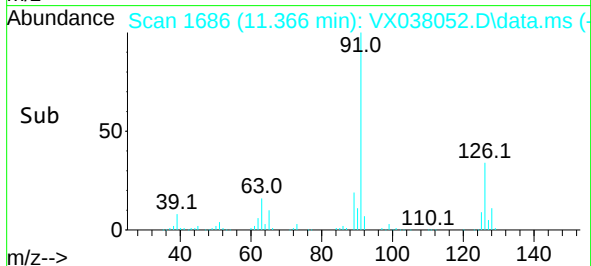
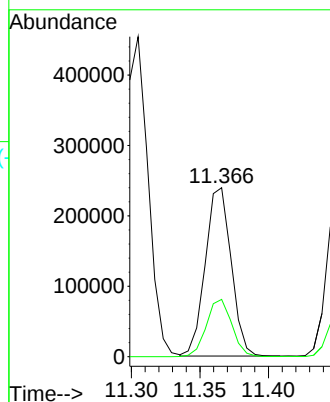
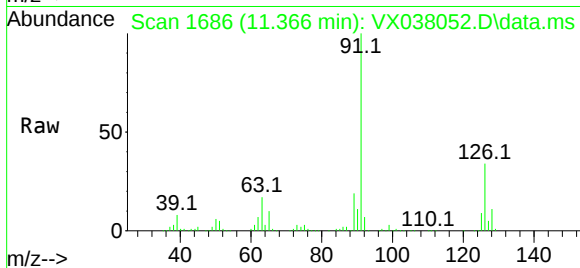
#79
2-Chlorotoluene
Concen: 49.442 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31447
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

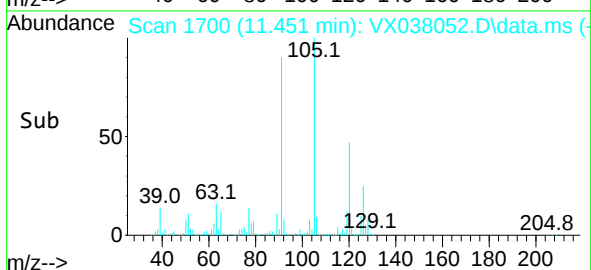
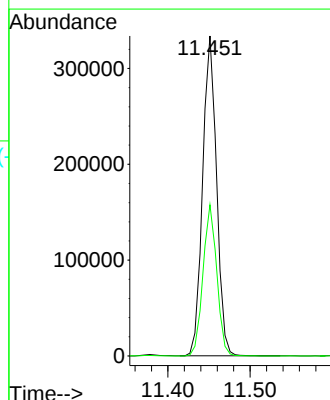
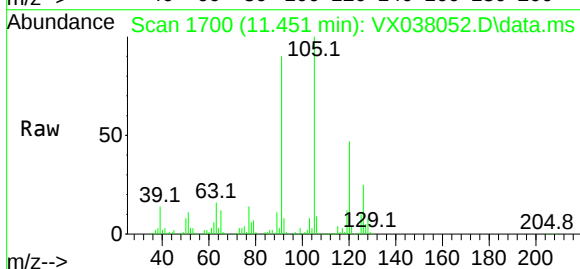
Manual Integrations
APPROVED

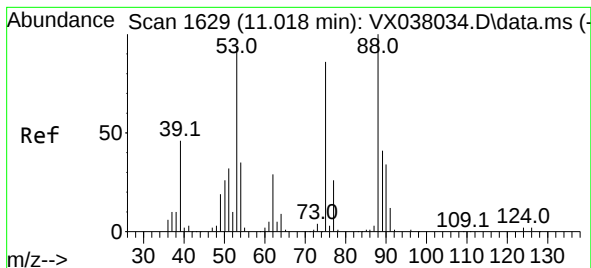
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.789 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Tgt Ion:105 Resp: 392927
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3





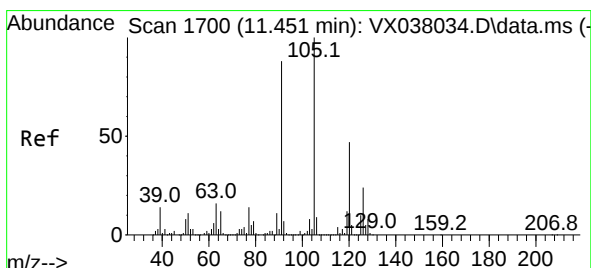
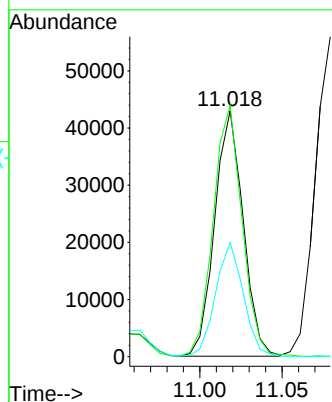
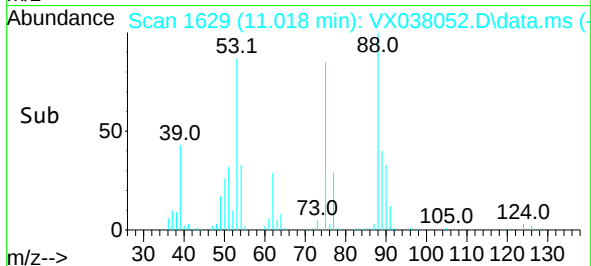
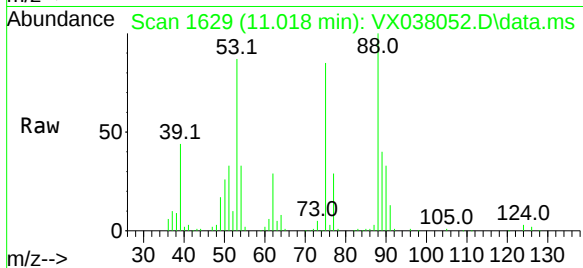
#81
trans-1,4-Dichloro-2-butene
Concen: 57.336 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 51659
Ion Ratio Lower Upper
75 100
53 103.4 90.5 135.7
89 45.4 36.9 55.3

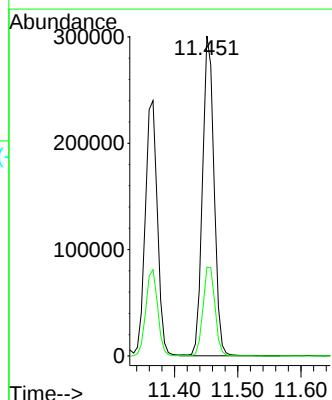
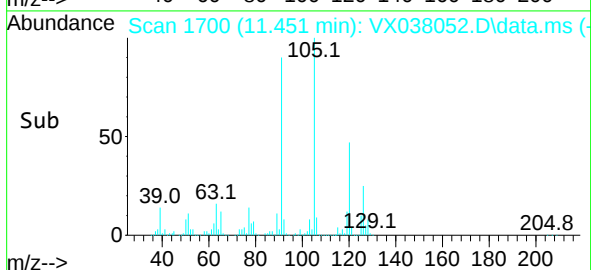
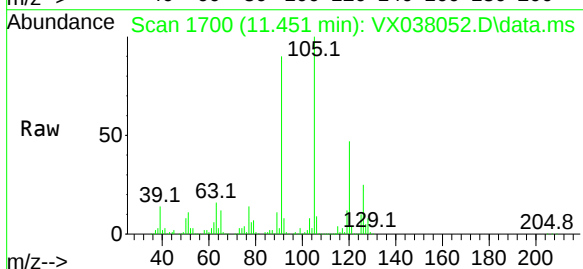
Manual Integrations
APPROVED

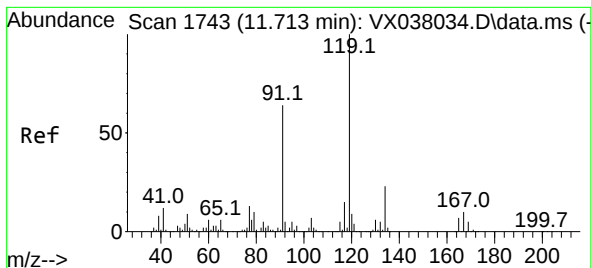
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#82
4-Chlorotoluene
Concen: 49.805 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

Tgt Ion: 91 Resp: 381807
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.132 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

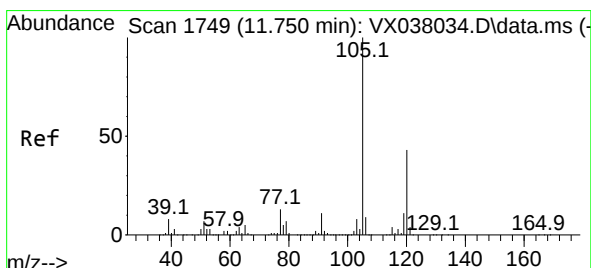
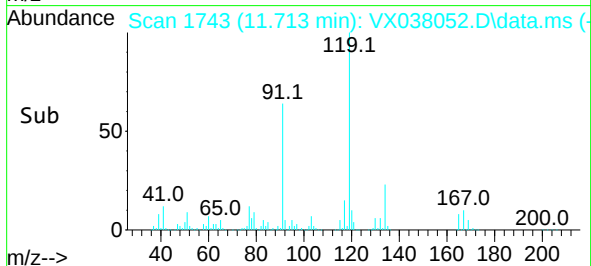
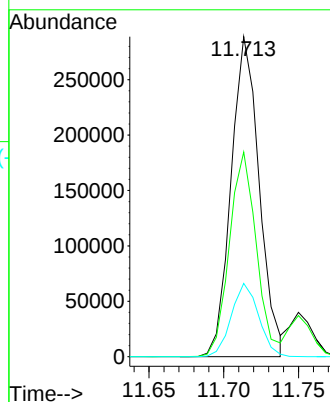
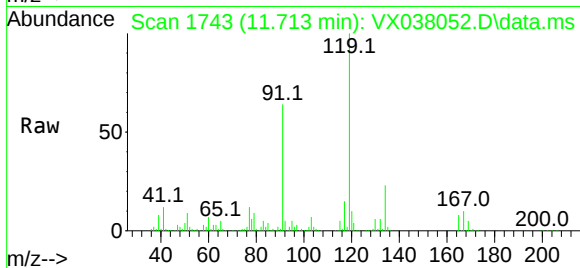
Tgt Ion:119 Resp: 37812
 Ion Ratio Lower Upper
 119 100
 91 61.4 31.2 93.6
 134 22.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#84

1,2,4-Trimethylbenzene

Concen: 51.273 ug/l

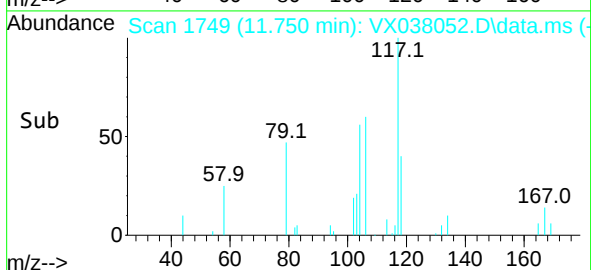
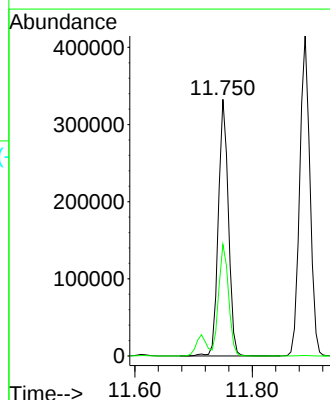
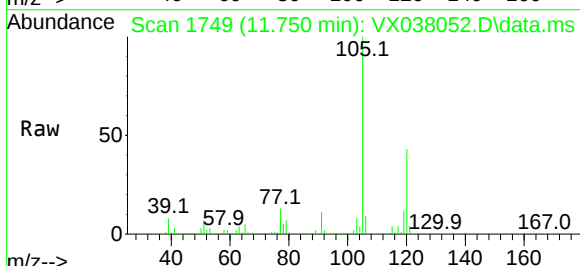
RT: 11.750 min Scan# 1749

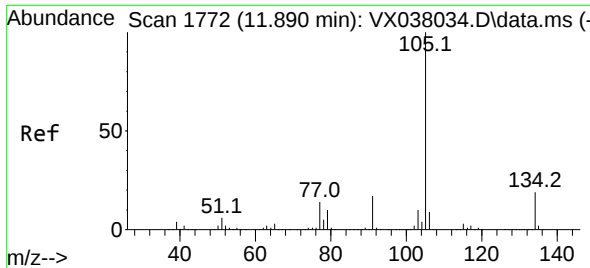
Delta R.T. 0.000 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

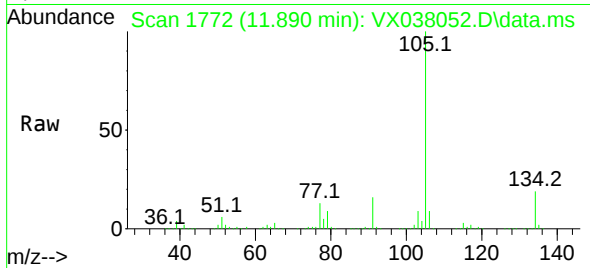
Tgt Ion:105 Resp: 392343
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.269 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038052.D
 Acq: 04 Oct 2023 09:52

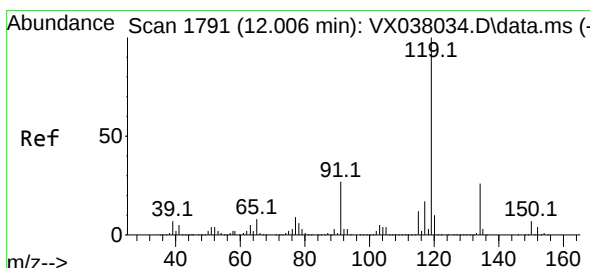
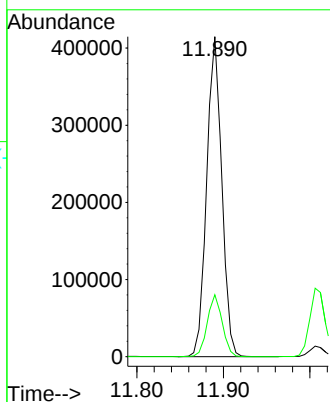
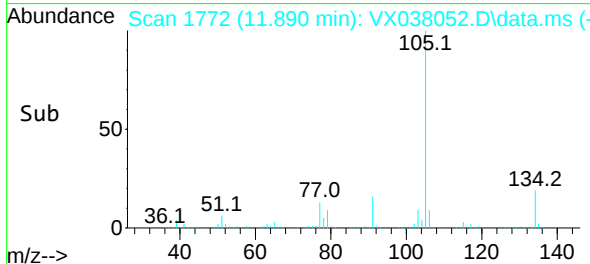
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



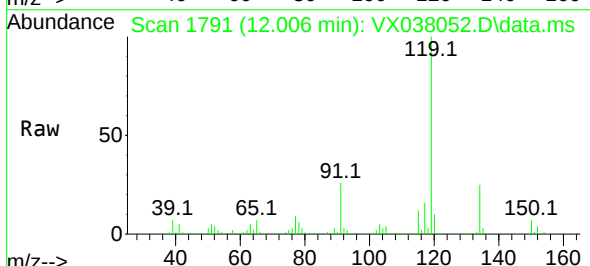
Tgt Ion:105 Resp: 50151
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

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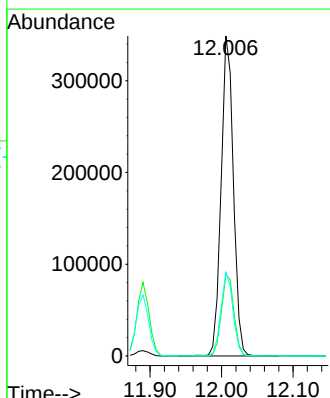
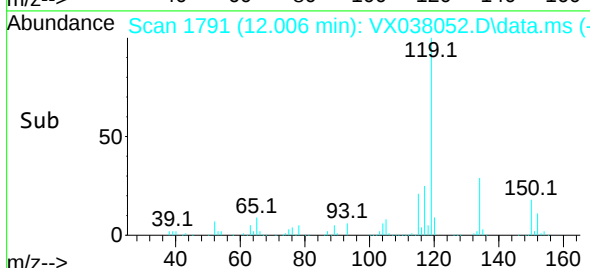
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

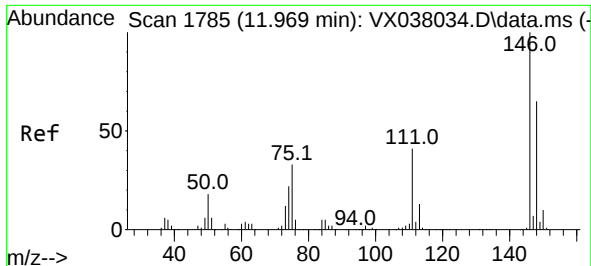


#86
 p-Isopropyltoluene
 Concen: 51.921 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038052.D
 Acq: 04 Oct 2023 09:52



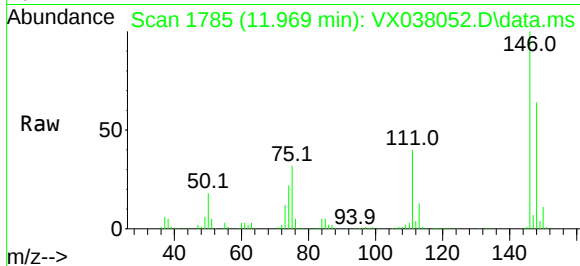
Tgt Ion:119 Resp: 415916
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 25.8 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 48.145 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

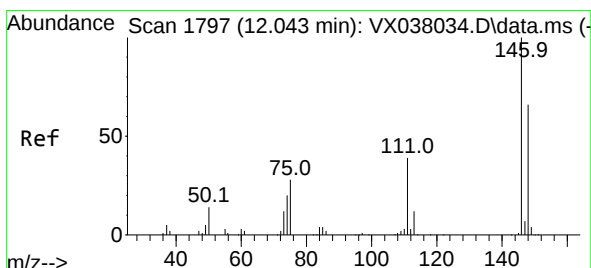
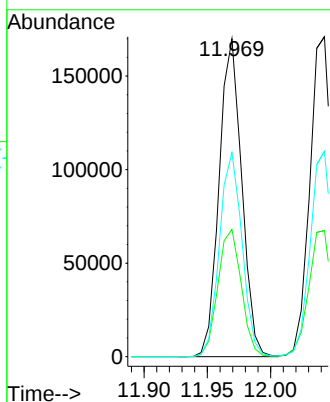
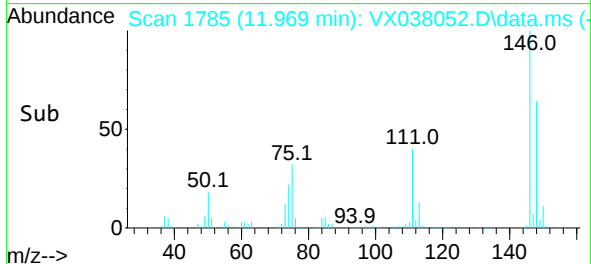
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



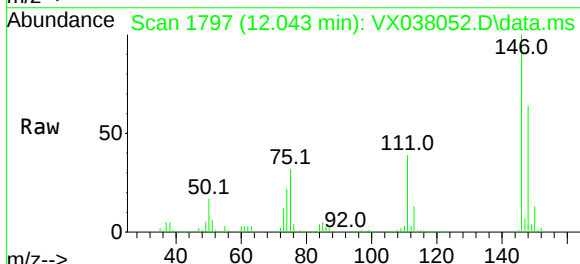
Tgt Ion:146 Resp: 210994
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.1
148 64.2 31.8 95.3

Manual Integrations
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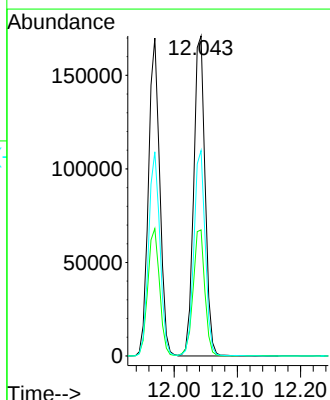
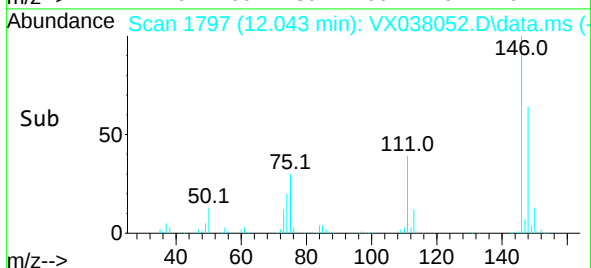
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

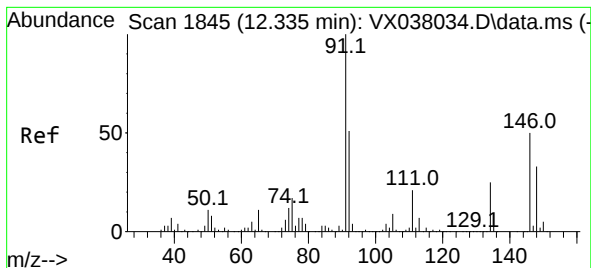


#88
1,4-Dichlorobenzene
Concen: 47.076 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



Tgt Ion:146 Resp: 215335
Ion Ratio Lower Upper
146 100
111 40.1 21.3 63.7
148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 51.681 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 41318

Ion Ratio Lower Upper

91 100

92 51.3 27.4 82.0

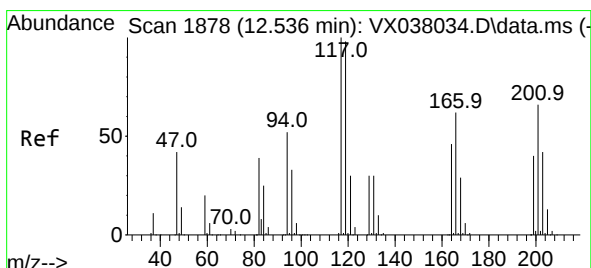
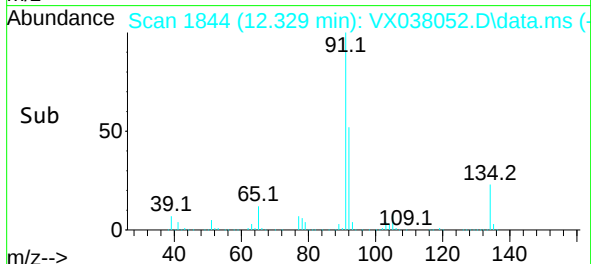
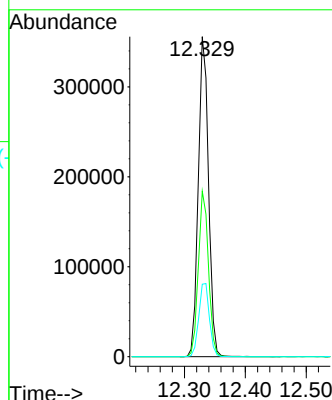
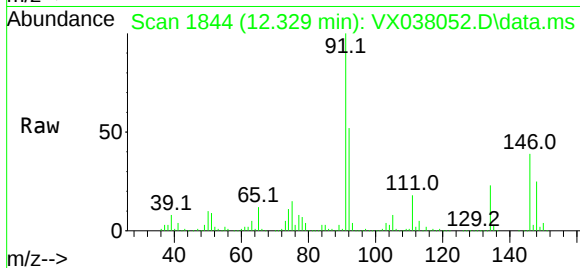
134 23.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#90

Hexachloroethane

Concen: 55.005 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038052.D

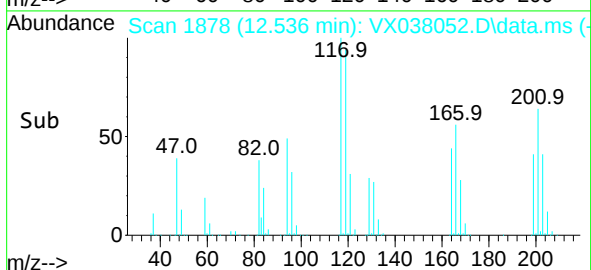
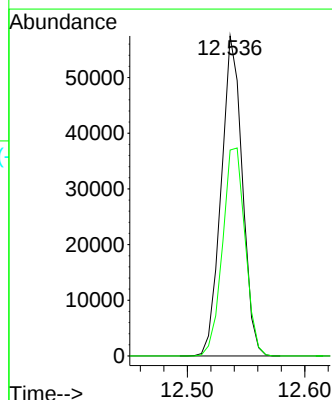
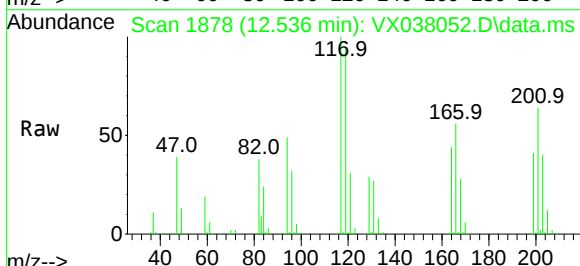
Acq: 04 Oct 2023 09:52

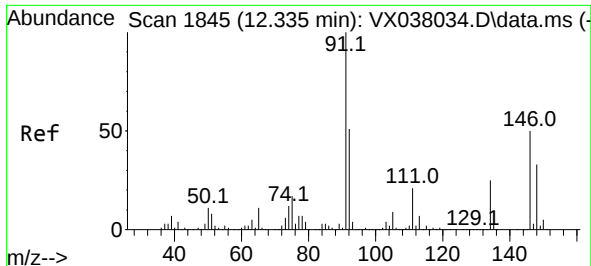
Tgt Ion:117 Resp: 71814

Ion Ratio Lower Upper

117 100

201 69.6 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 49.284 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 205539

Ion Ratio Lower Upper

146 100

111 42.0 22.4 67.0

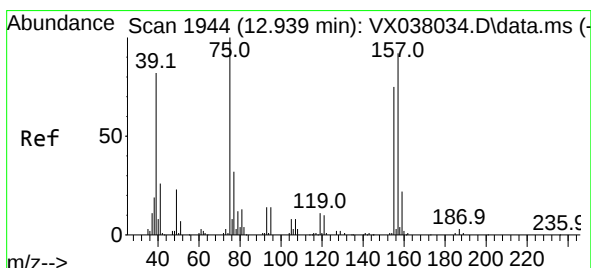
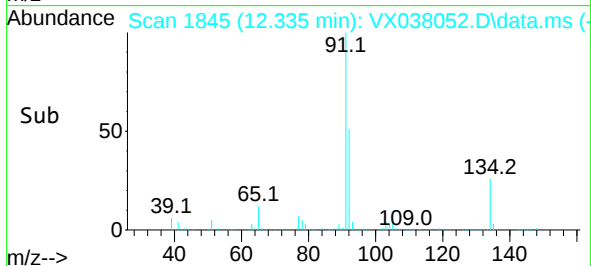
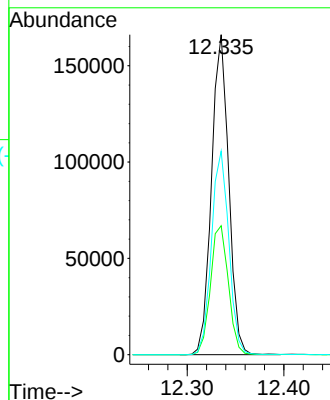
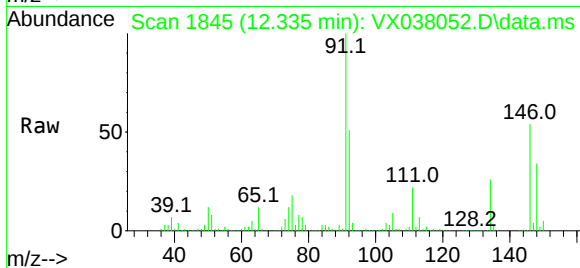
148 64.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.401 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

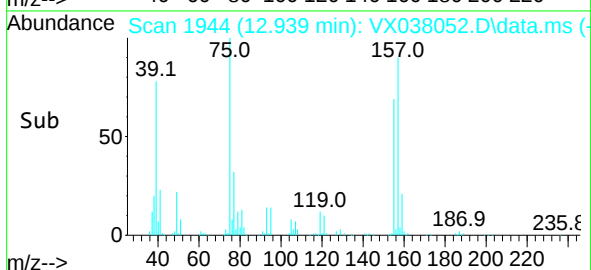
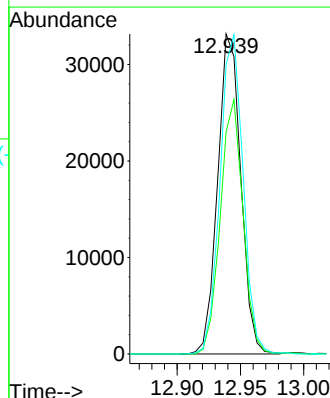
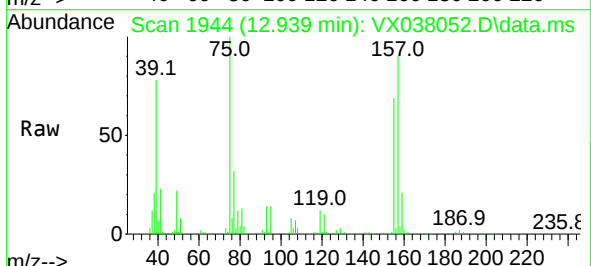
Tgt Ion: 75 Resp: 42067

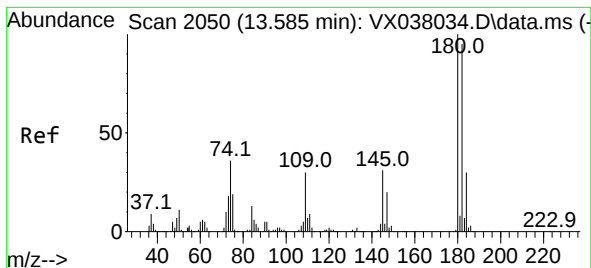
Ion Ratio Lower Upper

75 100

155 78.3 36.1 108.5

157 99.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 47.814 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

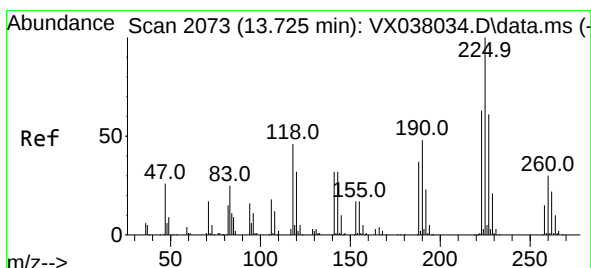
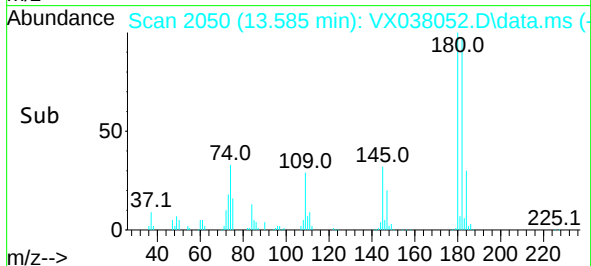
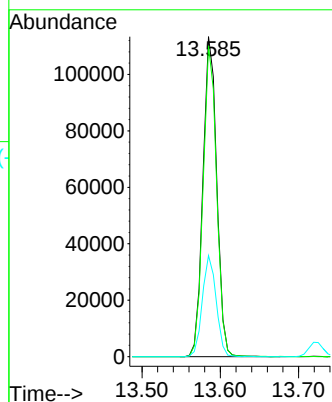
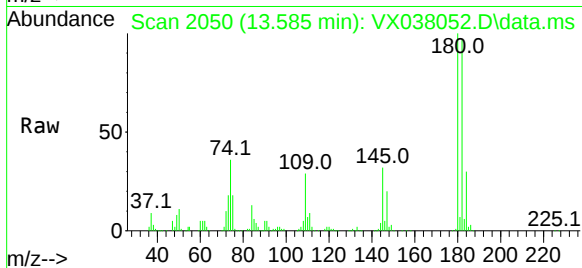
Tgt Ion:	180	Resp:	13832
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.3	144.8
145	31.7	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#94

Hexachlorobutadiene

Concen: 48.772 ug/l

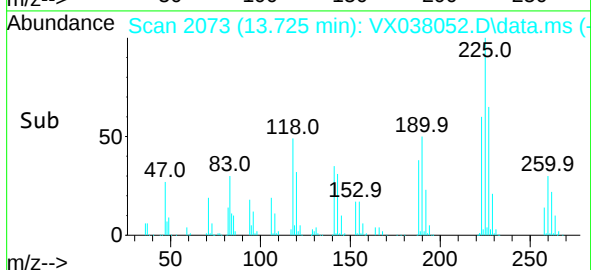
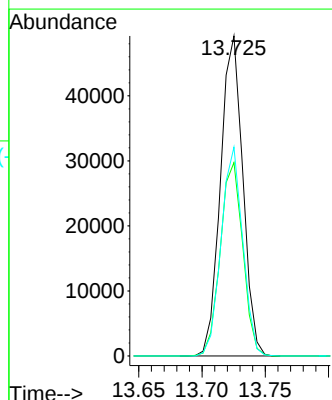
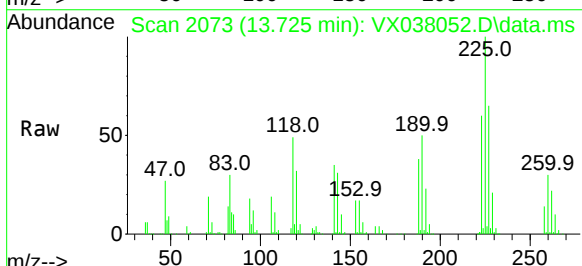
RT: 13.725 min Scan# 2073

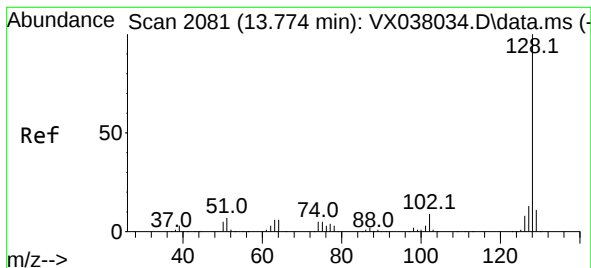
Delta R.T. 0.000 min

Lab File: VX038052.D

Acq: 04 Oct 2023 09:52

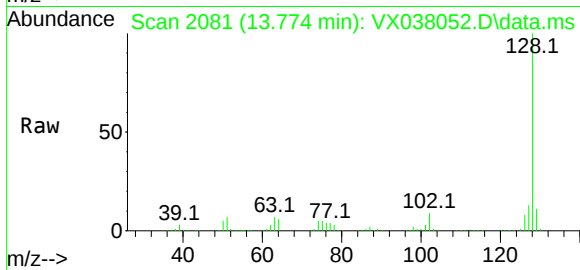
Tgt Ion:	225	Resp:	60207
Ion Ratio	Lower	Upper	
225	100		
223	60.8	31.1	93.2
227	63.1	32.5	97.5





#95
Naphthalene
Concen: 49.258 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52

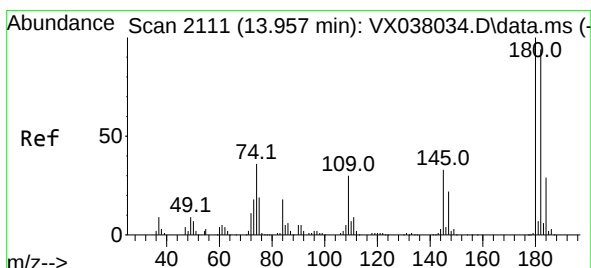
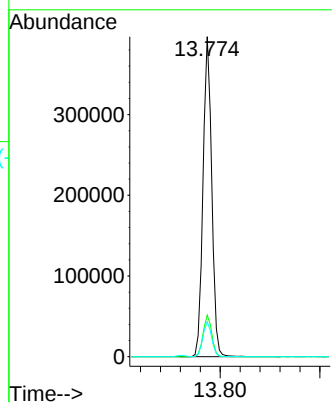
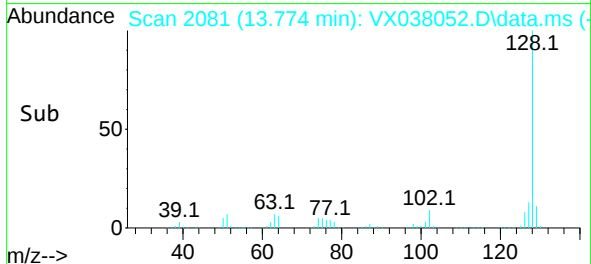
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



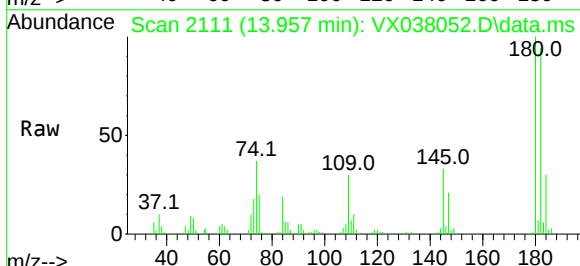
Tgt Ion:128 Resp: 480360
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.124 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX038052.D
Acq: 04 Oct 2023 09:52



Tgt Ion:180 Resp: 134639
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.6
145 32.8 17.8 53.5

