

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038093.D
 Acq On : 05 Oct 2023 11:08
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/06/2023

Quant Time: Oct 05 15:07:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 12:40:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	152843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264733	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123827	50.369	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.740%			
35) Dibromofluoromethane	5.385	113	95349	49.985	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.960%			
50) Toluene-d8	8.653	98	365196	50.100	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.200%			
62) 4-Bromofluorobenzene	11.079	95	137722	49.837	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75675	51.294	ug/l	98
3) Chloromethane	1.307	50	69449	46.186	ug/l	100
4) Vinyl Chloride	1.374	62	83107	49.849	ug/l	95
5) Bromomethane	1.599	94	117456	53.705	ug/l	98
6) Chloroethane	1.679	64	66629	54.215	ug/l	100
7) Trichlorofluoromethane	1.886	101	164487	49.950	ug/l	100
8) Diethyl Ether	2.136	74	60942	49.621	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	71320	49.610	ug/l	98
10) Methyl Iodide	2.453	142	102670	49.636	ug/l	96
11) Tert butyl alcohol	2.959	59	133902	246.592	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	70013	50.067	ug/l	90
13) Acrolein	2.233	56	78415	224.373	ug/l	100
14) Allyl chloride	2.666	41	124410	49.739	ug/l	93
15) Acrylonitrile	3.062	53	277952	248.447	ug/l	99
16) Acetone	2.380	43	244852	238.646	ug/l	93
17) Carbon Disulfide	2.514	76	190964	47.381	ug/l	99
18) Methyl Acetate	2.703	43	217025	49.325	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	278226	49.957	ug/l	99
20) Methylene Chloride	2.788	84	87202	45.185	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	87685	50.643	ug/l	92
22) Diisopropyl ether	3.764	45	268088	51.140	ug/l #	85
23) Vinyl Acetate	3.721	43	994460	258.681	ug/l	98
24) 1,1-Dichloroethane	3.611	63	156791	49.284	ug/l	99
25) 2-Butanone	4.556	43	408754	246.917	ug/l	92
26) 2,2-Dichloropropane	4.477	77	127288	51.246	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	101521	49.233	ug/l	95
28) Bromochloromethane	4.897	49	75508	52.576	ug/l	90
29) Tetrahydrofuran	5.001	42	264802	245.690	ug/l	89
30) Chloroform	5.099	83	178542	51.321	ug/l	99
31) Cyclohexane	5.471	56	136849	51.380	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	154771	51.940	ug/l	99
36) 1,1-Dichloropropene	5.696	75	127409	48.435	ug/l	98
37) Ethyl Acetate	4.715	43	153815	49.235	ug/l	97
38) Carbon Tetrachloride	5.678	117	131477	50.808	ug/l	99
39) Methylcyclohexane	7.379	83	156372	50.751	ug/l	95
40) Benzene	6.037	78	371225	50.456	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	77962	50.165	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	147463	50.165	ug/l	100
43) Isopropyl Acetate	6.342	43	239503	51.354	ug/l	97
44) Trichloroethene	7.129	130	97102	50.460	ug/l	99
45) 1,2-Dichloropropane	7.434	63	95630	50.220	ug/l	99
46) Dibromomethane	7.580	93	72936	49.384	ug/l	97
47) Bromodichloromethane	7.824	83	138801	52.830	ug/l	99
48) Methyl methacrylate	7.696	41	114288	51.333	ug/l	86
49) 1,4-Dioxane	7.659	88	56129	1023.072	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	807628	251.061	ug/l	98
52) Toluene	8.720	92	243575	50.823	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	151810	53.830	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	155565	52.503	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	103135	50.311	ug/l	95
56) Ethyl methacrylate	9.116	69	163323	51.964	ug/l	94
57) 1,3-Dichloropropane	9.311	76	169263	51.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	390836	253.331	ug/l	99
59) 2-Hexanone	9.433	43	650434	251.511	ug/l	95
60) Dibromochloromethane	9.525	129	106050	52.858	ug/l	100
61) 1,2-Dibromoethane	9.610	107	113582	51.236	ug/l	100
64) Tetrachloroethene	9.275	164	83781	50.849	ug/l	97
65) Chlorobenzene	10.079	112	262932	49.370	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	95667	53.121	ug/l	99
67) Ethyl Benzene	10.195	91	483224	50.831	ug/l	100
68) m/p-Xylenes	10.299	106	371674	101.113	ug/l	100
69) o-Xylene	10.640	106	178828	49.847	ug/l	98
70) Styrene	10.653	104	301310	51.573	ug/l	98
71) Bromoform	10.799	173	78664	47.252	ug/l #	100
73) Isopropylbenzene	10.963	105	475320	50.595	ug/l	99
74) N-amyl acetate	10.842	43	214374	53.435	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	174043	50.487	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	142771m	44.831	ug/l	
77) Bromobenzene	11.201	156	114310	49.838	ug/l	94
78) n-propylbenzene	11.305	91	580578	50.541	ug/l	99
79) 2-Chlorotoluene	11.366	91	334442	49.092	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	414803	51.178	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	52682	48.440	ug/l	92
82) 4-Chlorotoluene	11.457	91	404235	50.144	ug/l	98
83) tert-Butylbenzene	11.713	119	401180	50.656	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	416769	51.573	ug/l	99
85) sec-Butylbenzene	11.890	105	527458	51.414	ug/l	100
86) p-Isopropyltoluene	12.006	119	434626	51.349	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	227458	49.374	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	226830	48.229	ug/l	99
89) n-Butylbenzene	12.335	91	430807	51.106	ug/l	96
90) Hexachloroethane	12.536	117	74874	53.352	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	217854	49.197	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43985	52.773	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	145912	49.127	ug/l	97
94) Hexachlorobutadiene	13.725	225	58688	49.094	ug/l	99
95) Naphthalene	13.774	128	513276	49.625	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	142673	49.611	ug/l	98

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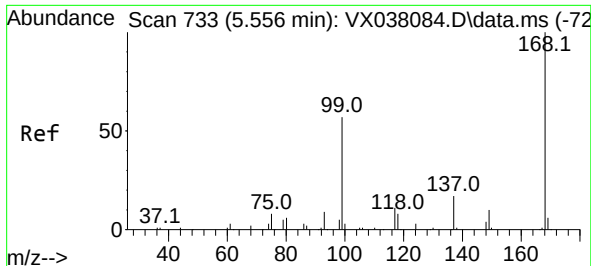
Manual Integrations
APPROVED

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Response via : Initial Calibration

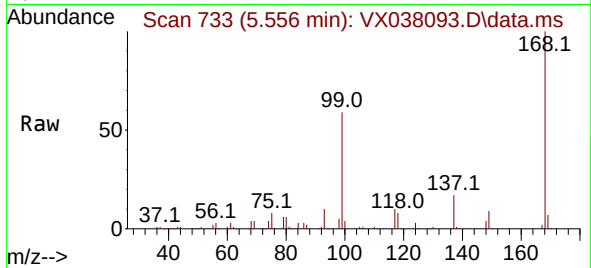
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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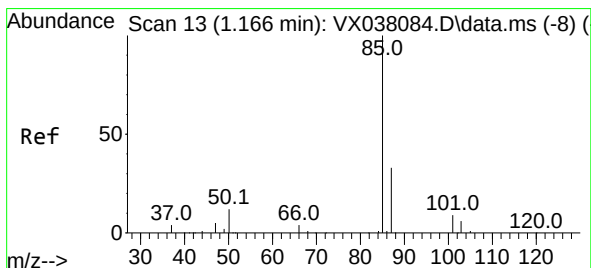
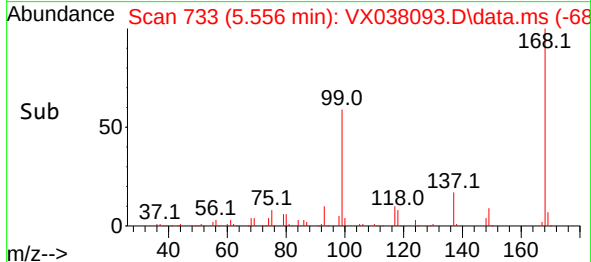
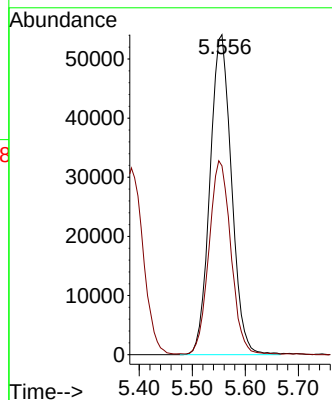
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 15284
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0

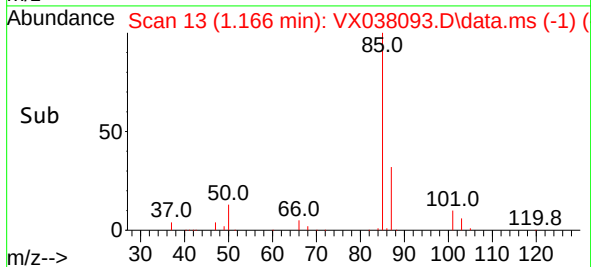
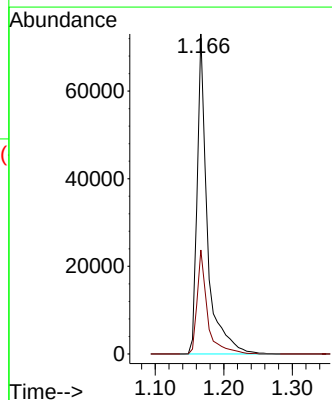
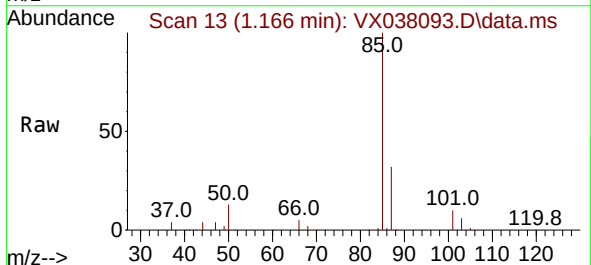
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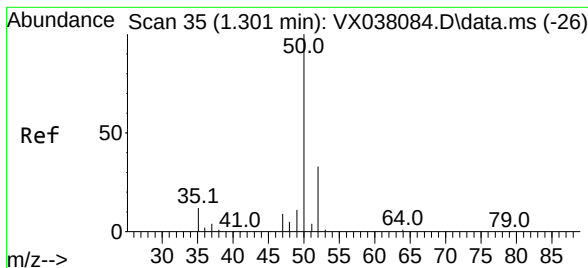
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#2
Dichlorodifluoromethane
Concen: 51.294 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Tgt Ion: 85 Resp: 75675
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3

Chloromethane

Concen: 46.186 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 69449

Ion Ratio Lower Upper

50 100

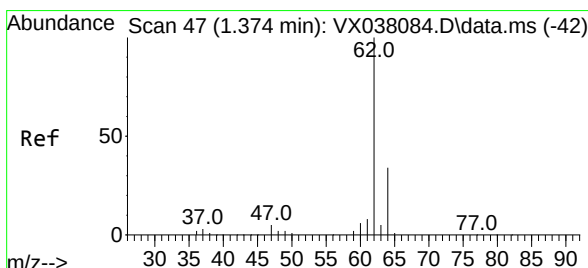
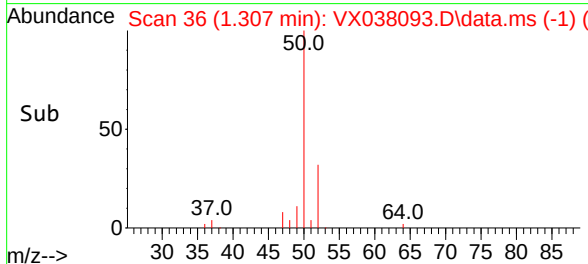
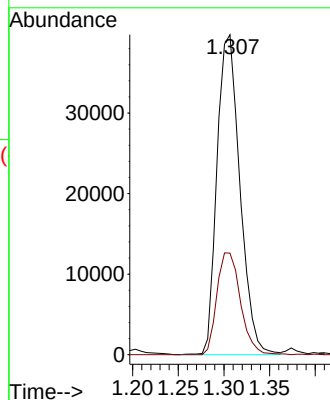
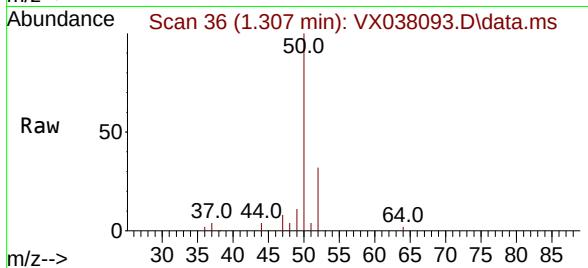
52 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#4

Vinyl Chloride

Concen: 49.849 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038093.D

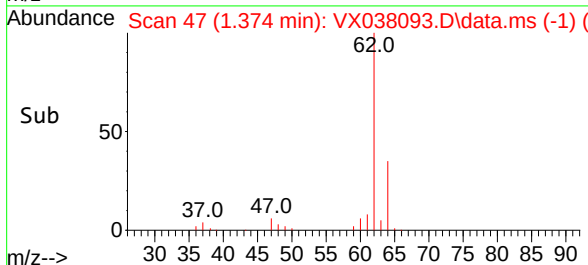
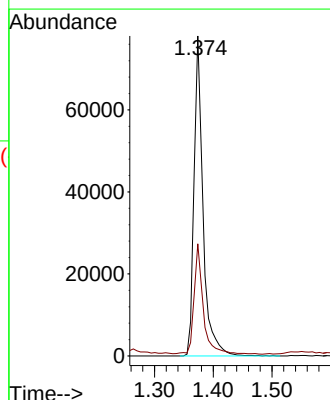
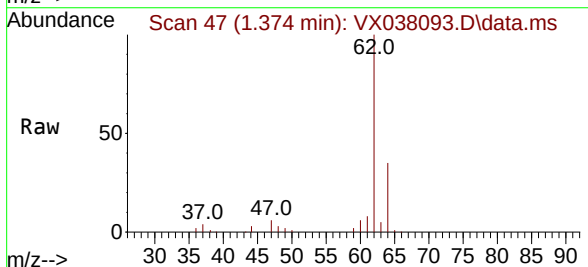
Acq: 05 Oct 2023 11:08

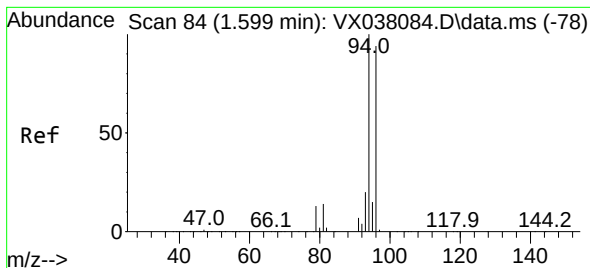
Tgt Ion: 62 Resp: 83107

Ion Ratio Lower Upper

62 100

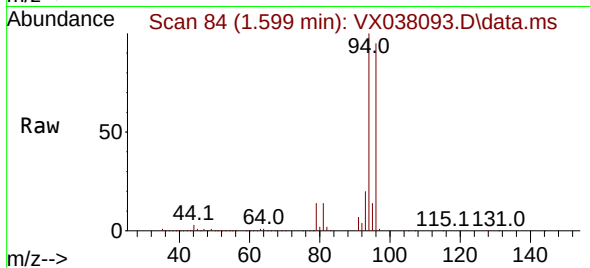
64 34.4 25.4 38.0





#5
Bromomethane
Concen: 53.705 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

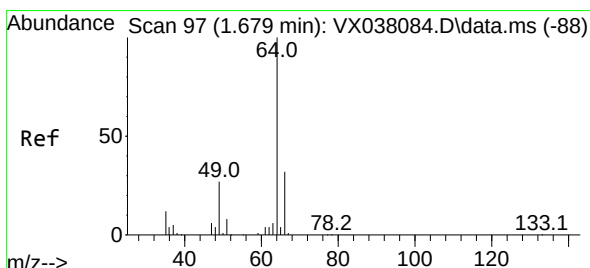
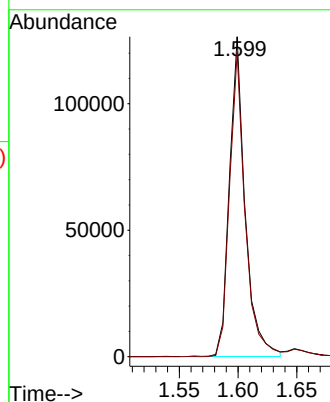
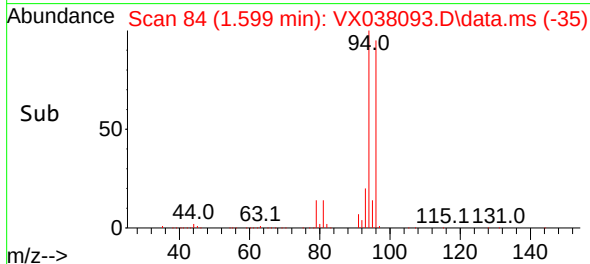
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 94 Resp: 117450
Ion Ratio Lower Upper
94 100
96 95.2 74.6 111.8

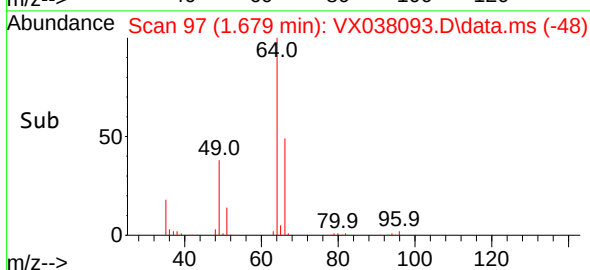
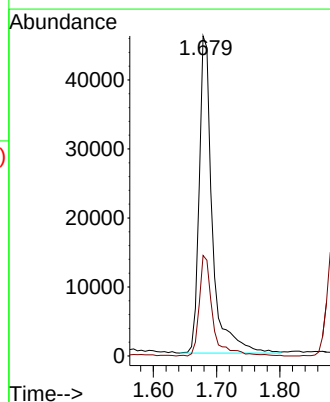
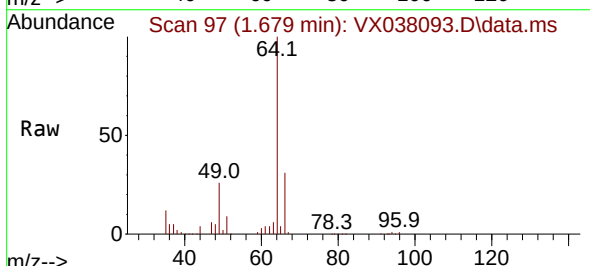
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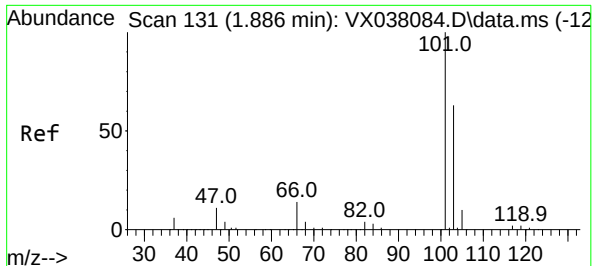
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#6
Chloroethane
Concen: 54.215 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

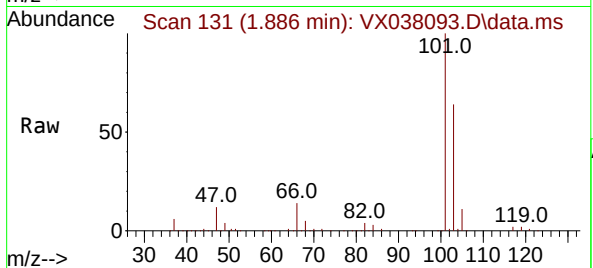
Tgt Ion: 64 Resp: 66629
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.950 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

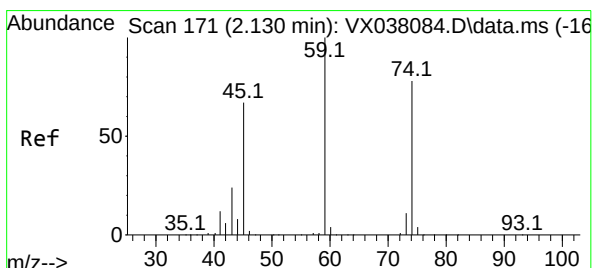
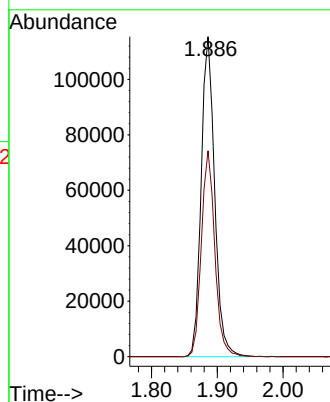
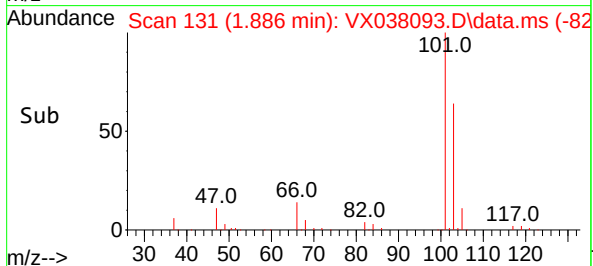
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 16448
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

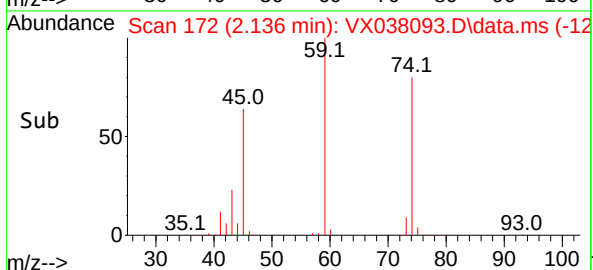
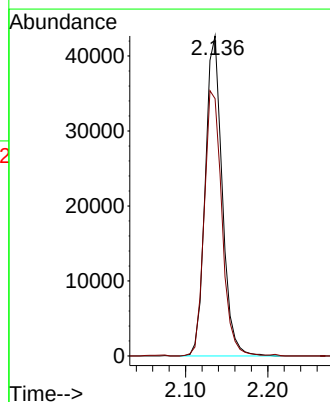
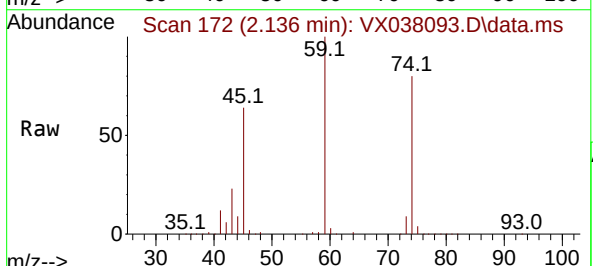
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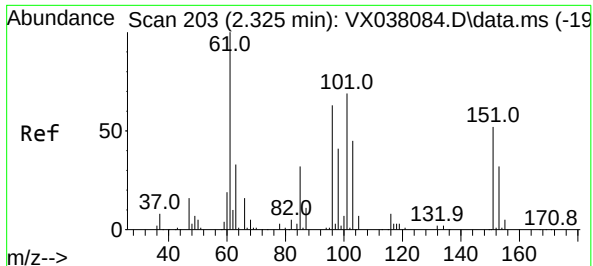
Reviewed By :John Carlone 10/05/2023
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#8
Diethyl Ether
Concen: 49.621 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 60942
Ion Ratio Lower Upper
74 100
45 86.4 53.3 159.8





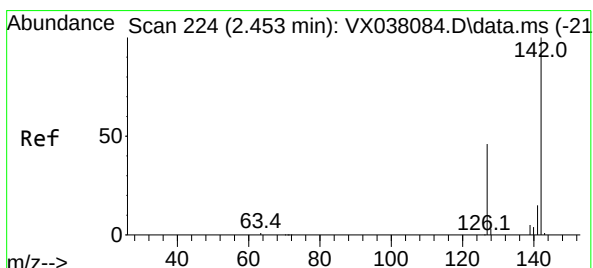
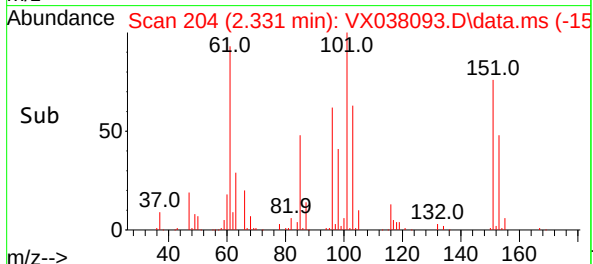
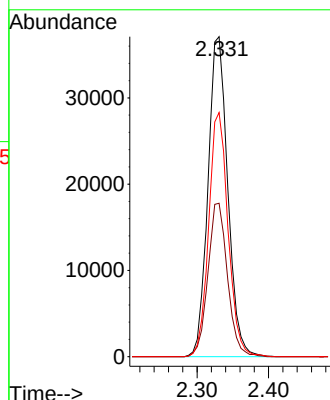
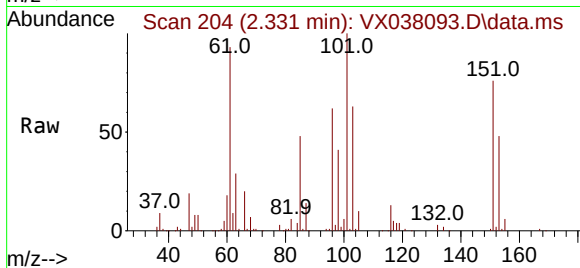
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.610 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 71320
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 74.7 58.6 87.8

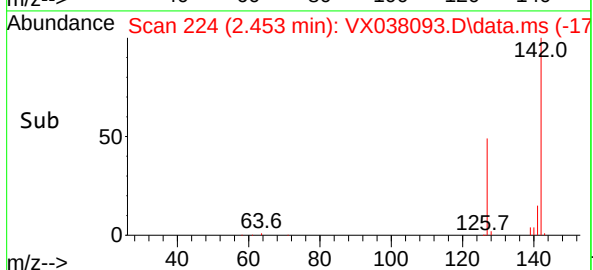
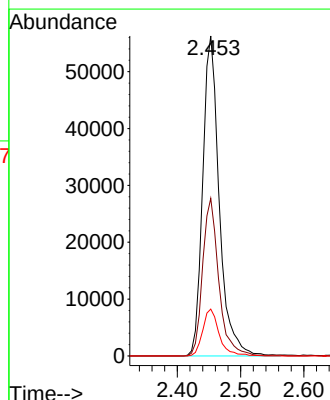
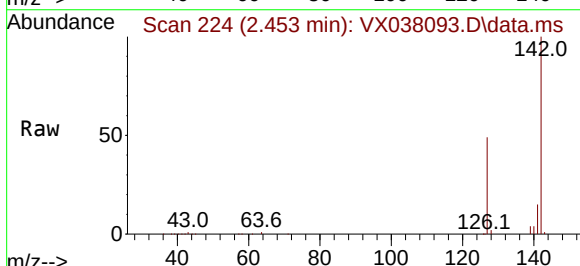
Manual Integrations
APPROVED

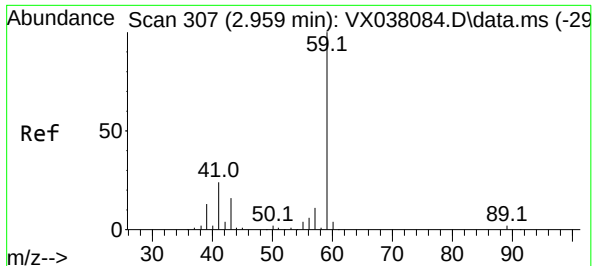
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#10
Methyl Iodide
Concen: 49.636 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Tgt Ion:142 Resp: 102670
Ion Ratio Lower Upper
142 100
127 48.1 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 246.592 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 133902

Ion Ratio Lower Upper

59 100

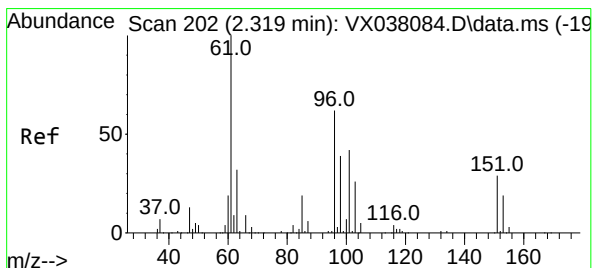
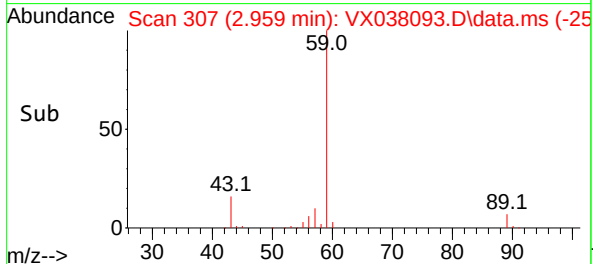
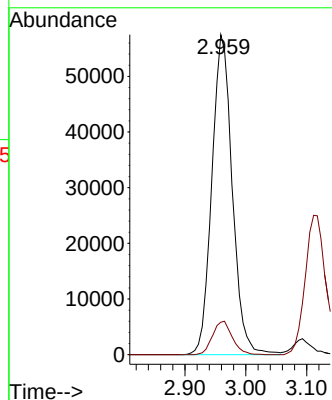
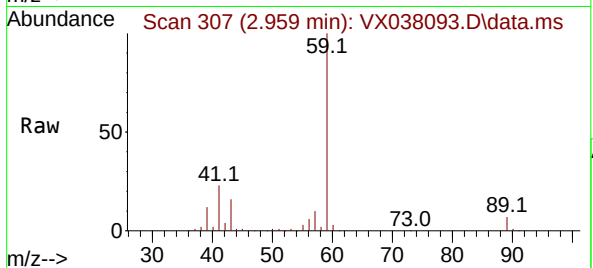
57 10.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#12

1,1-Dichloroethene

Concen: 50.067 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

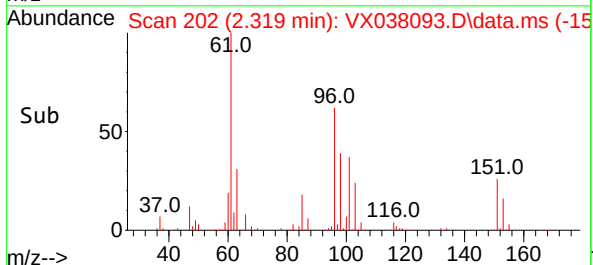
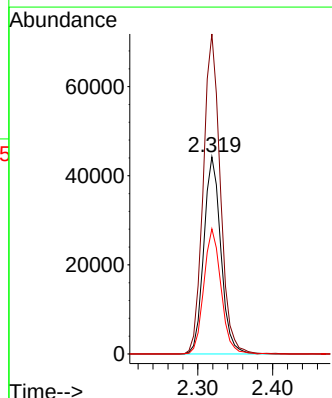
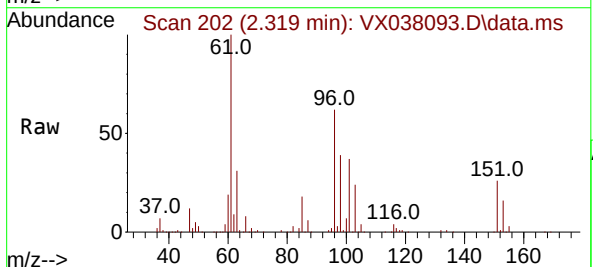
Tgt Ion: 96 Resp: 70013

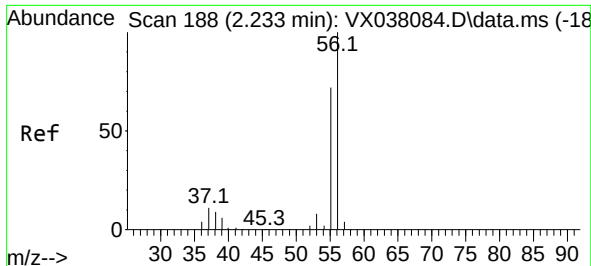
Ion Ratio Lower Upper

96 100

61 162.4 144.6 216.8

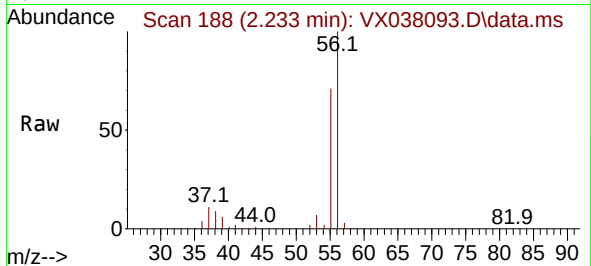
98 63.5 50.4 75.6





#13
Acrolein
Concen: 224.373 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

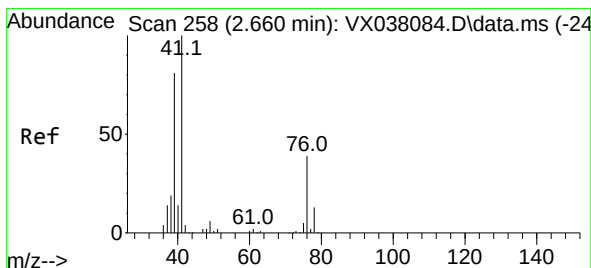
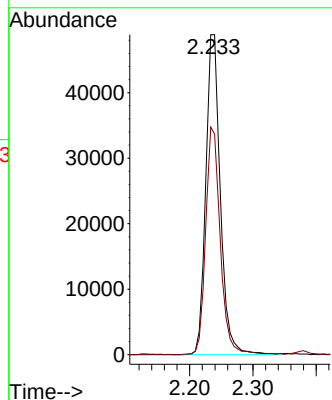
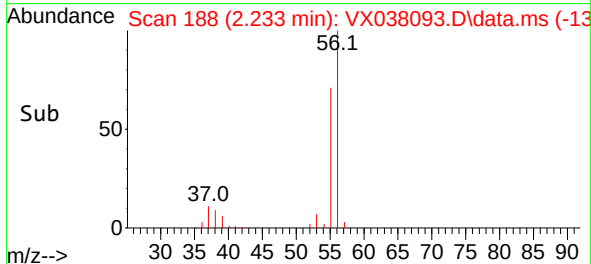
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 7841
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7

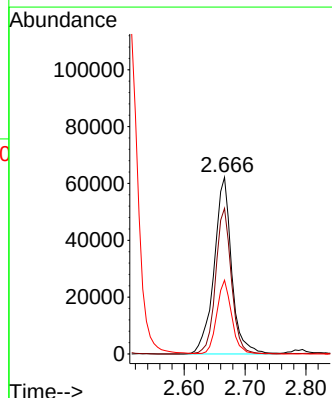
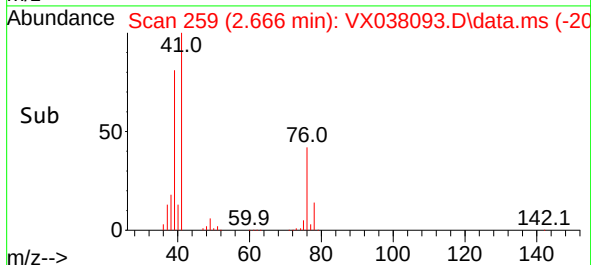
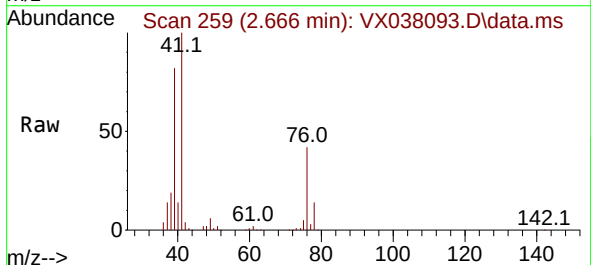
Manual Integrations
APPROVED

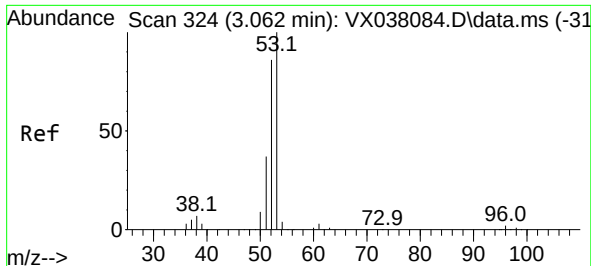
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#14
Allyl chloride
Concen: 49.739 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

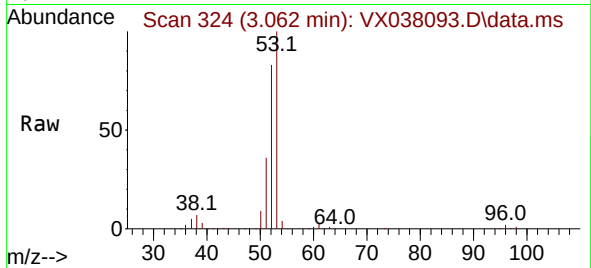
Tgt Ion: 41 Resp: 124410
Ion Ratio Lower Upper
41 100
39 74.1 55.8 83.6
76 35.4 24.3 36.5





#15
Acrylonitrile
Concen: 248.447 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

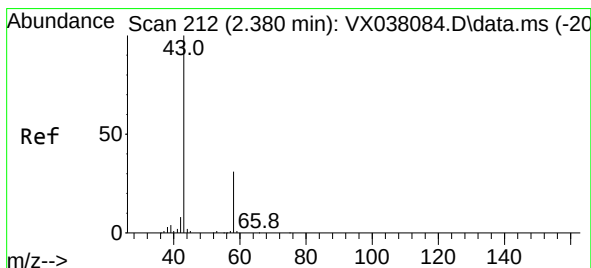
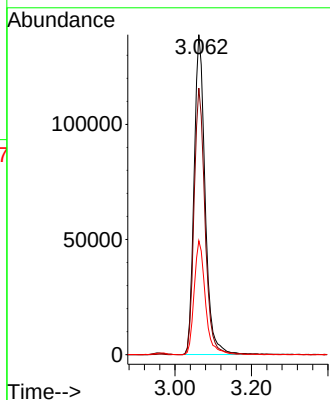
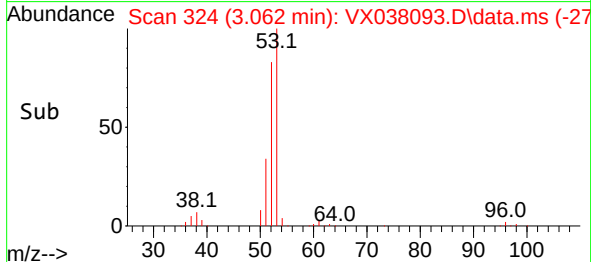
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 277952
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 36.2 29.8 44.6

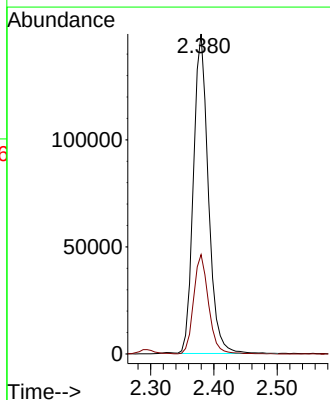
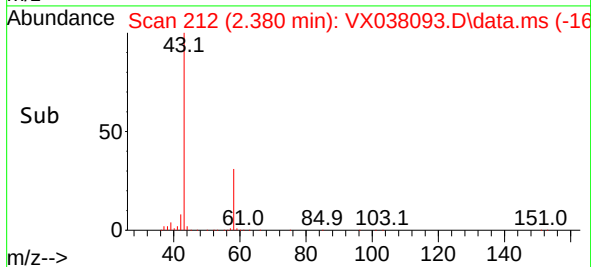
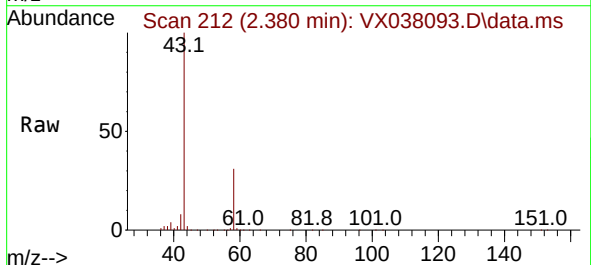
Manual Integrations
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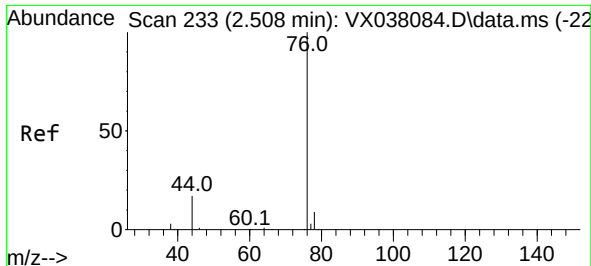
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#16
Acetone
Concen: 238.646 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Tgt Ion: 43 Resp: 244852
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9





#17

Carbon Disulfide

Concen: 47.381 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 190964

Ion Ratio Lower Upper

76 100

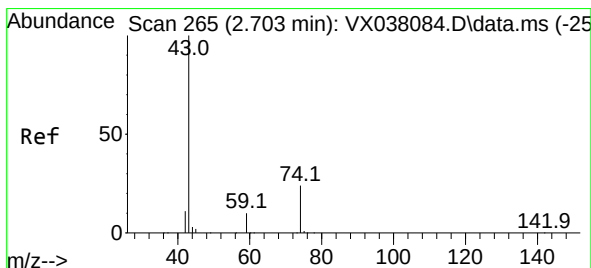
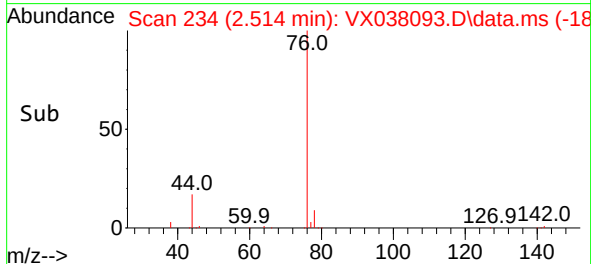
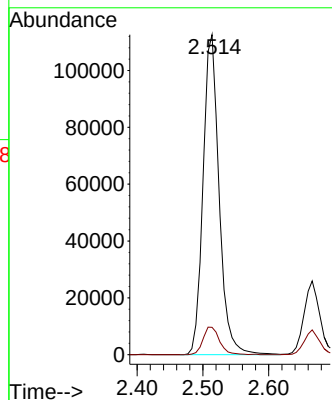
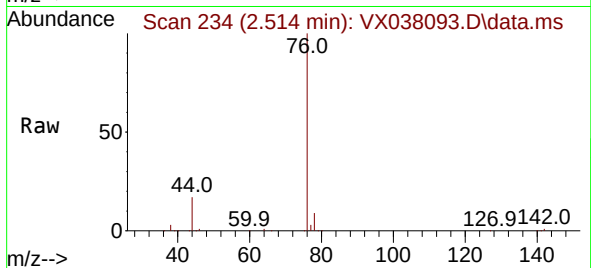
78 8.6 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#18

Methyl Acetate

Concen: 49.325 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038093.D

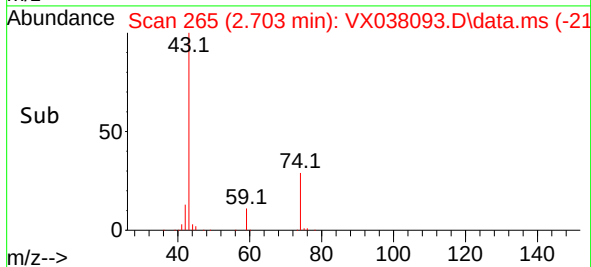
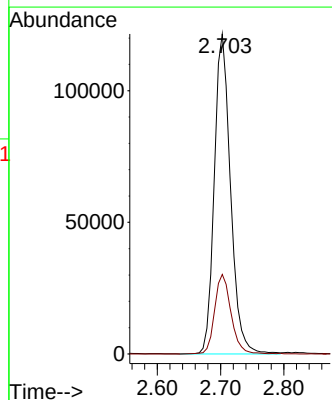
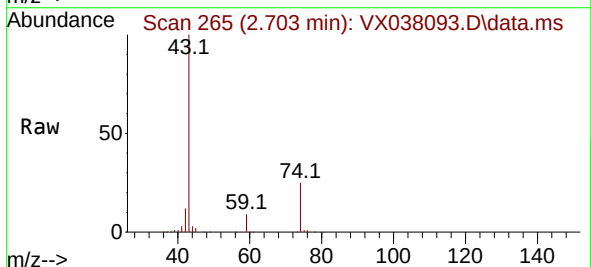
Acq: 05 Oct 2023 11:08

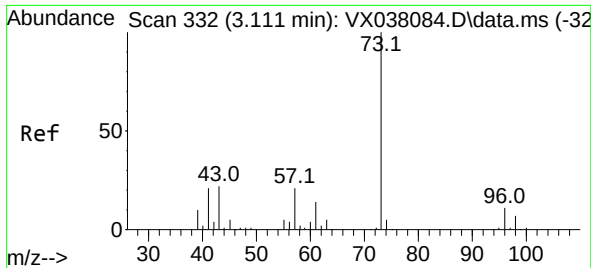
Tgt Ion: 43 Resp: 217025

Ion Ratio Lower Upper

43 100

74 25.1 17.8 26.8





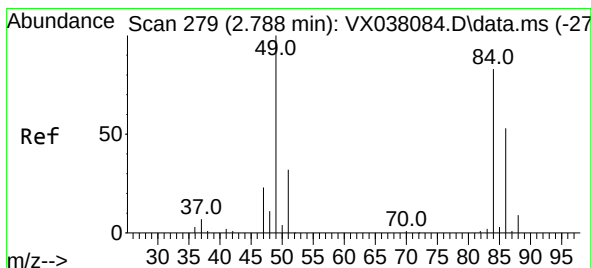
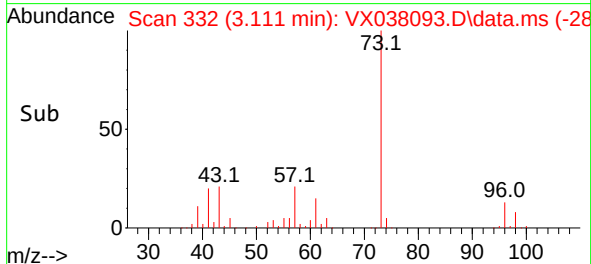
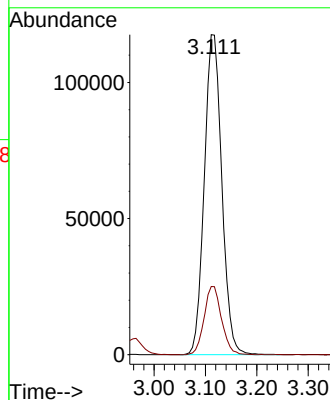
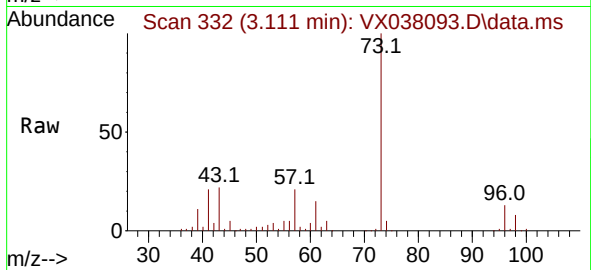
#19
Methyl tert-butyl Ether
Concen: 49.957 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 278220
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

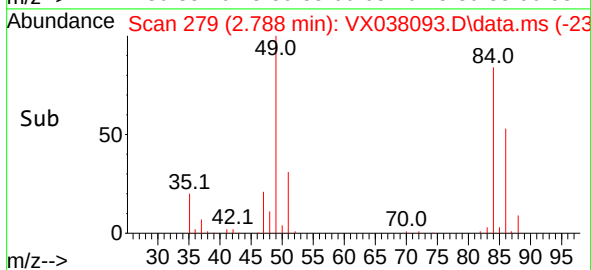
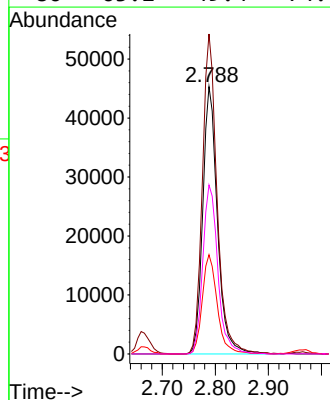
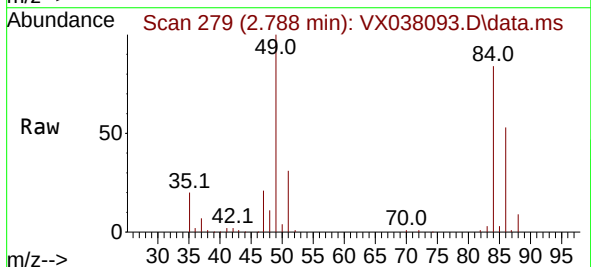
Manual Integrations
APPROVED

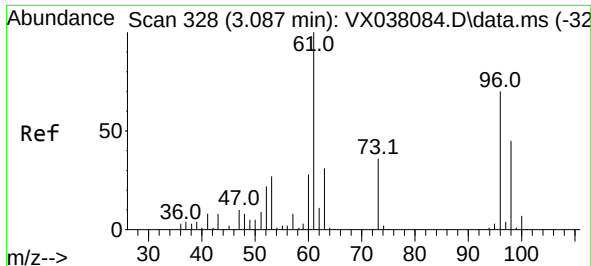
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 45.185 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

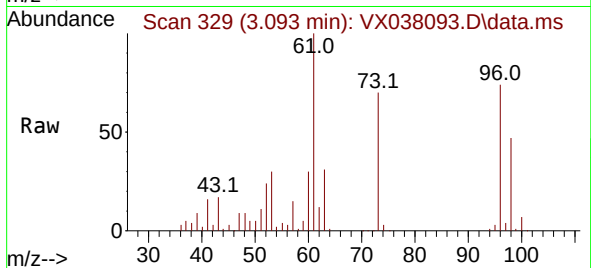
Tgt Ion: 84 Resp: 87202
Ion Ratio Lower Upper
84 100
49 119.7 103.6 155.4
51 37.1 33.8 50.6
86 63.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.643 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

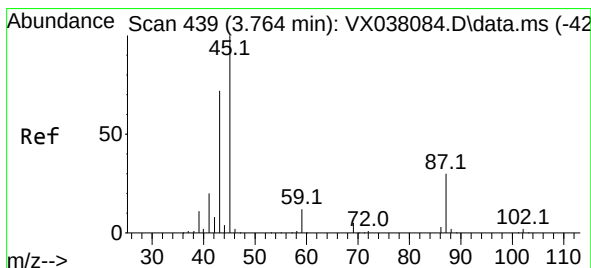
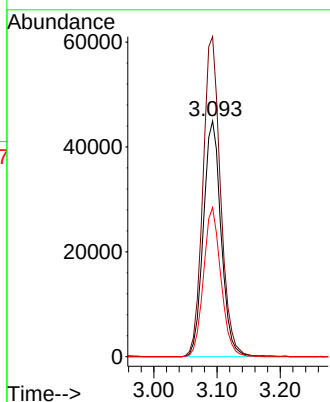
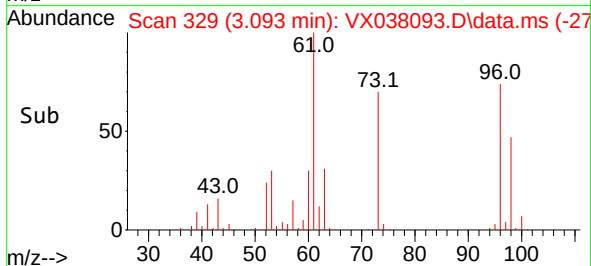
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



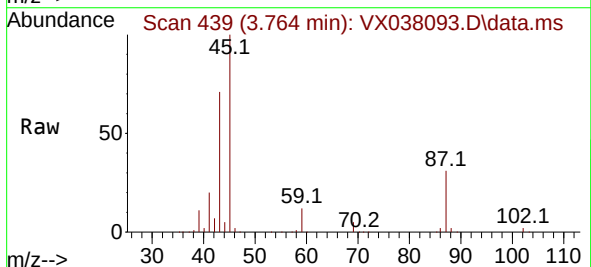
Tgt Ion: 96 Resp: 87685
Ion Ratio Lower Upper
96 100
61 135.8 119.2 178.8
98 63.3 48.7 73.1

Manual Integrations
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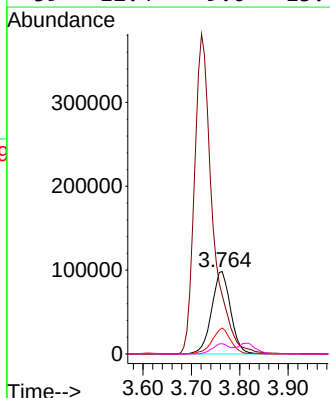
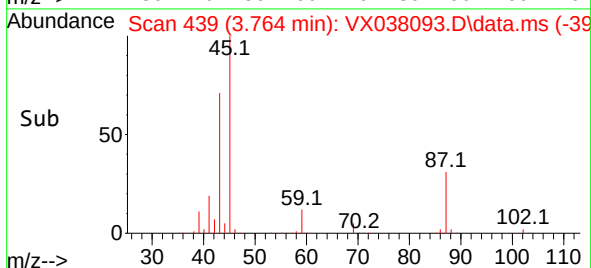
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

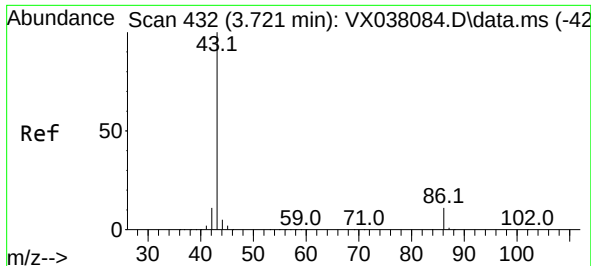


#22
Diisopropyl ether
Concen: 51.140 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08



Tgt Ion: 45 Resp: 268088
Ion Ratio Lower Upper
45 100
43 71.0 69.7 104.5
87 31.5 20.8 31.2#
59 12.4 9.0 13.4





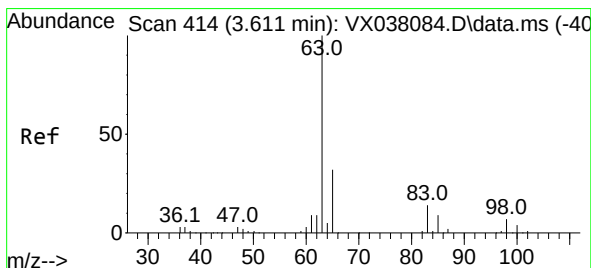
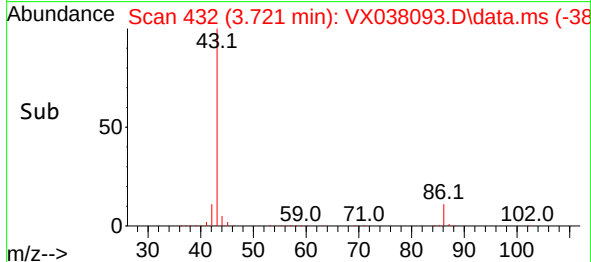
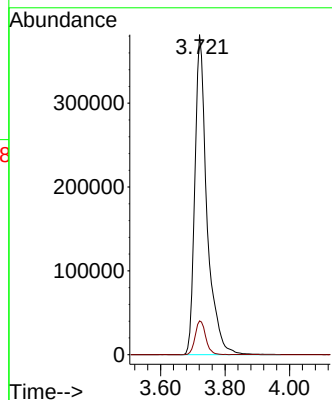
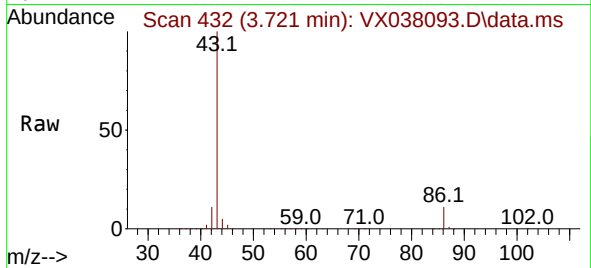
#23
 Vinyl Acetate
 Concen: 258.681 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038093.D
 Acq: 05 Oct 2023 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 994460
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8

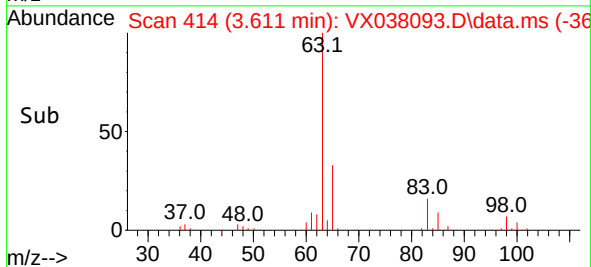
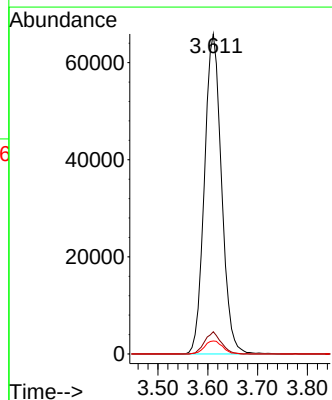
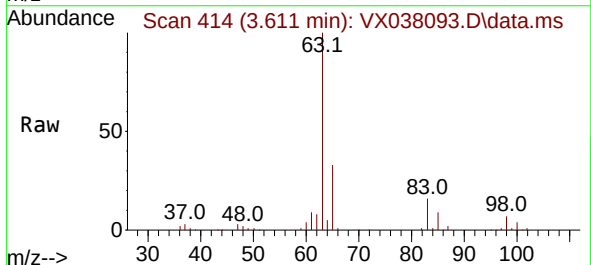
Manual Integrations
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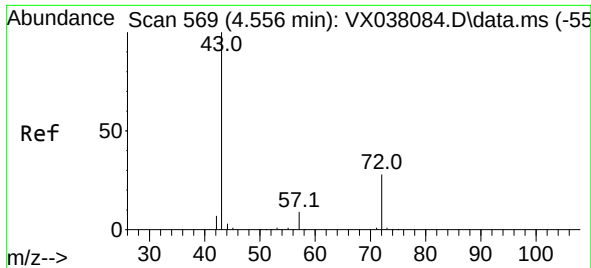
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 49.284 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038093.D
 Acq: 05 Oct 2023 11:08

Tgt Ion: 63 Resp: 156791
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.0 2.1 6.5





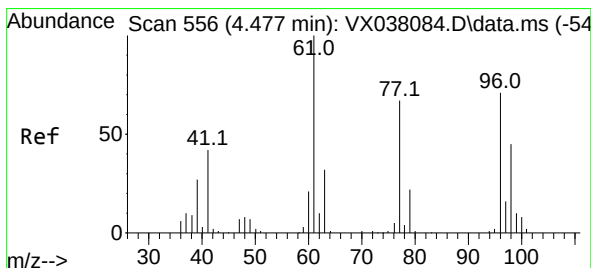
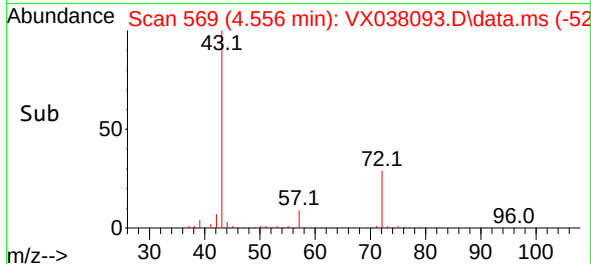
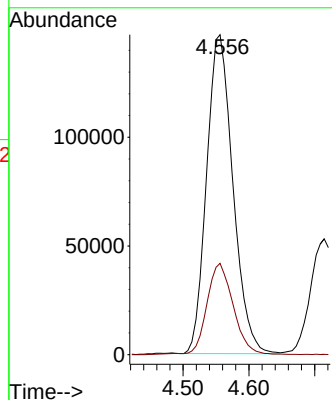
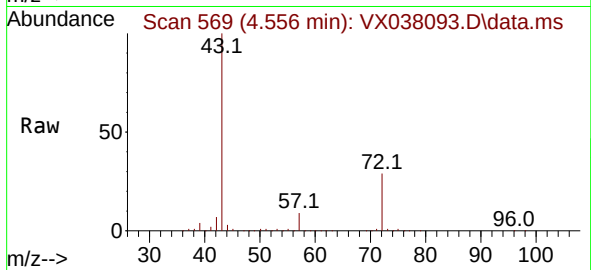
#25
2-Butanone
Concen: 246.917 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 408754
Ion Ratio Lower Upper
43 100
72 28.4 19.4 29.2

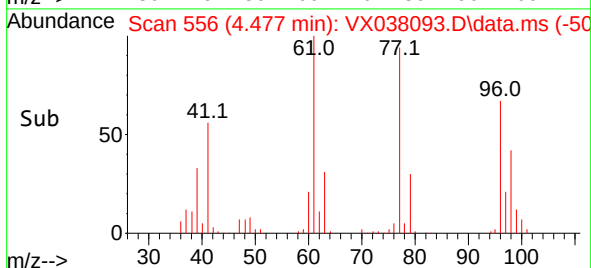
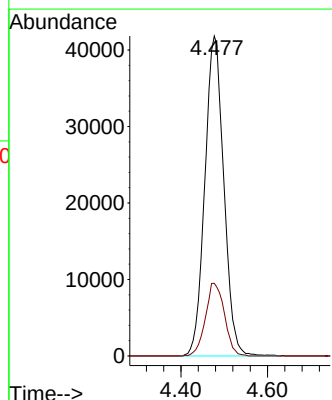
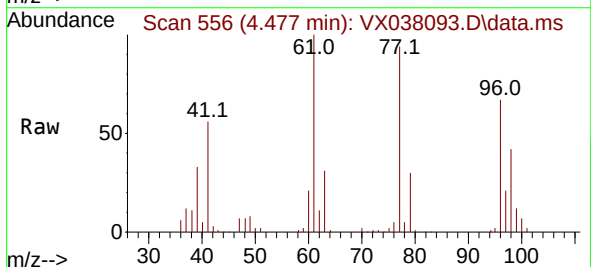
Manual Integrations
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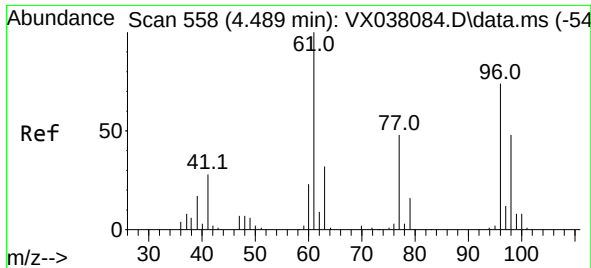
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#26
2,2-Dichloropropane
Concen: 51.246 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Tgt Ion: 77 Resp: 127288
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.233 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 10152

Ion Ratio Lower Upper

96 100

61 146.6 0.0 312.2

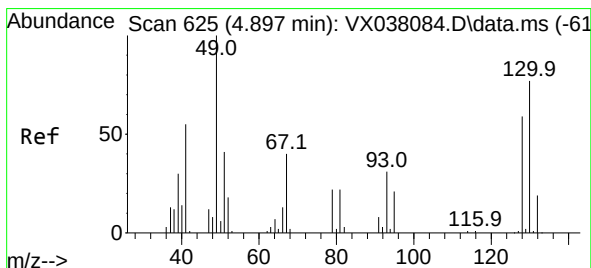
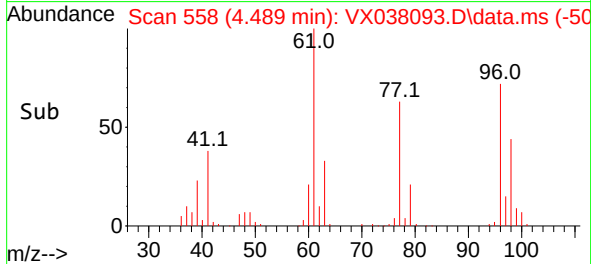
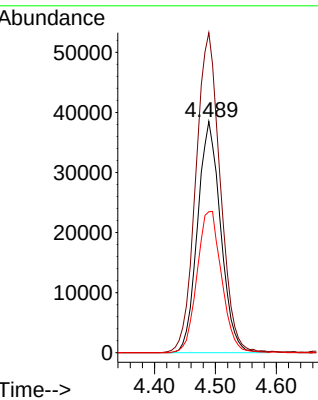
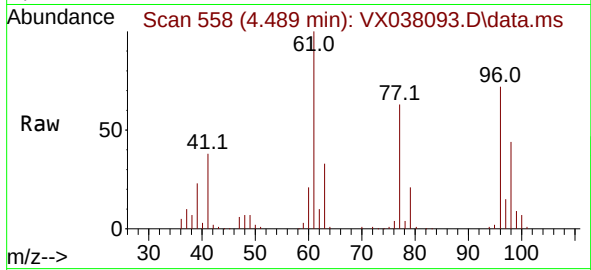
98 64.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#28

Bromochloromethane

Concen: 52.576 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

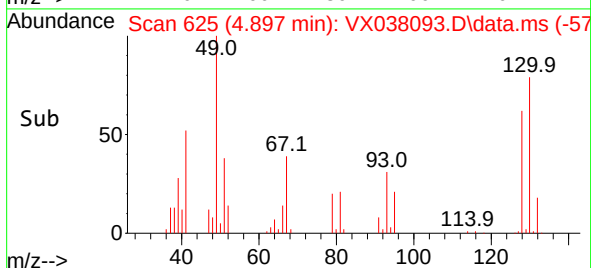
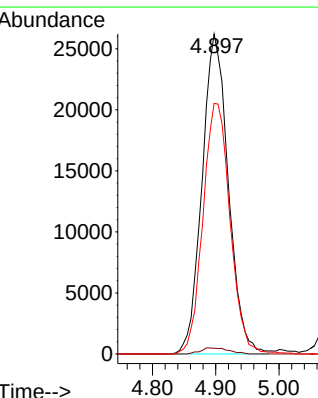
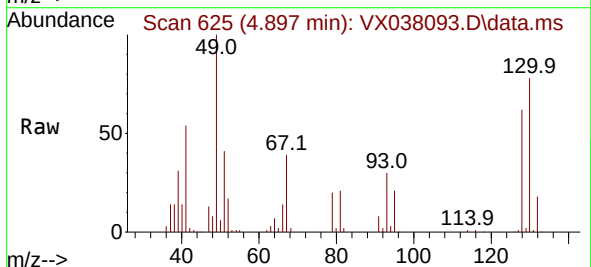
Tgt Ion: 49 Resp: 75508

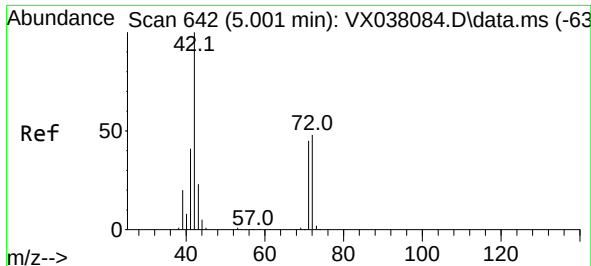
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 80.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 245.690 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 26480

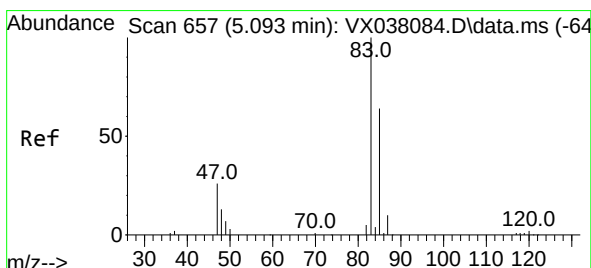
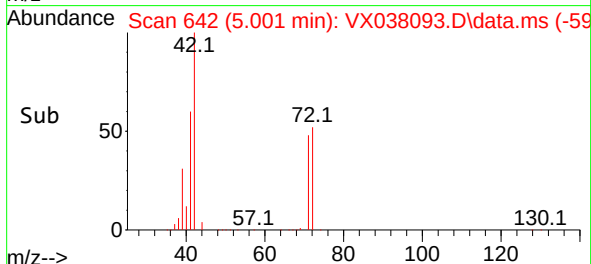
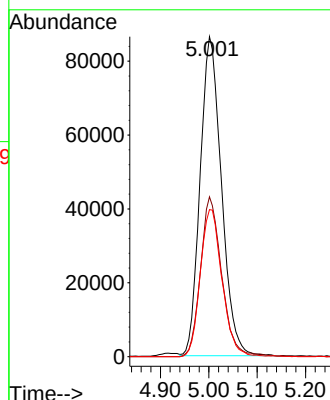
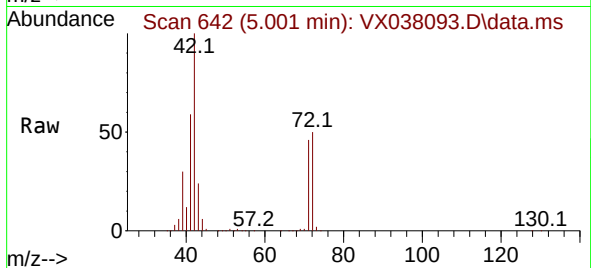
Ion	Ratio	Lower	Upper
42	100		
72	49.9	34.2	51.4
71	46.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 51.321 ug/l

RT: 5.099 min Scan# 658

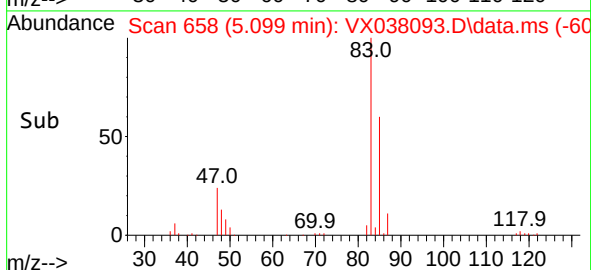
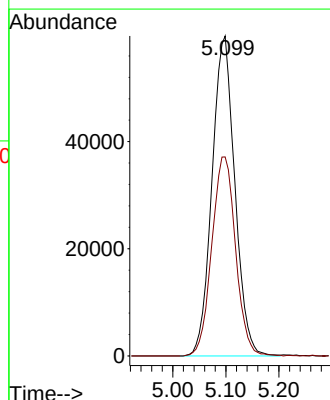
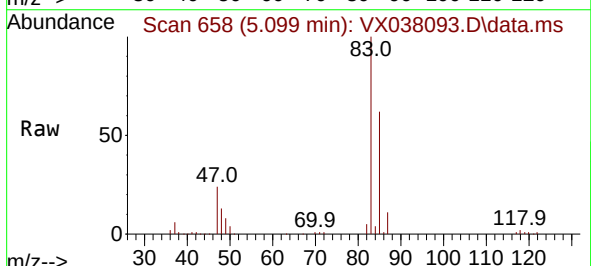
Delta R.T. 0.006 min

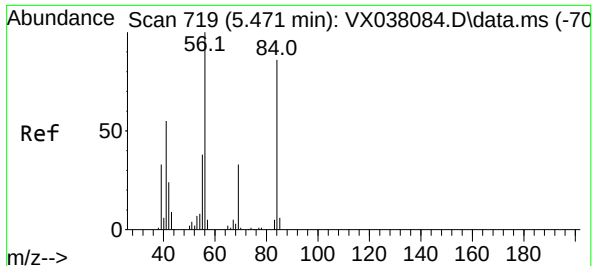
Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Tgt Ion: 83 Resp: 178542

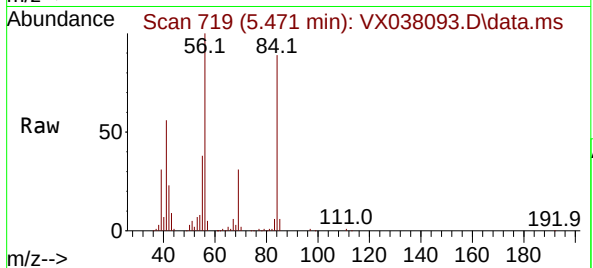
Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.3	75.5





#31
Cyclohexane
Concen: 51.380 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

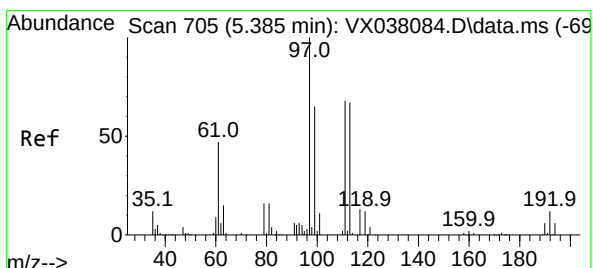
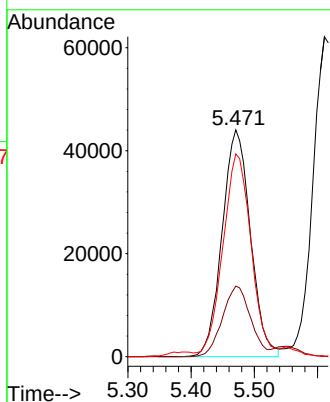
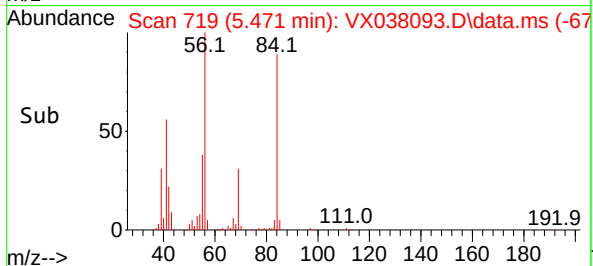
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 136849
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 87.6 65.9 98.9

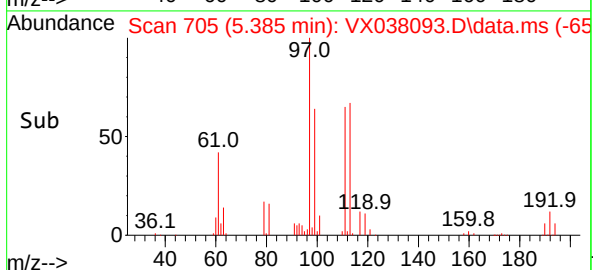
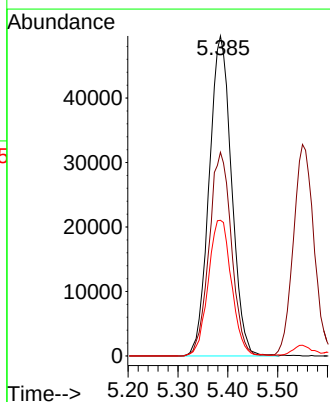
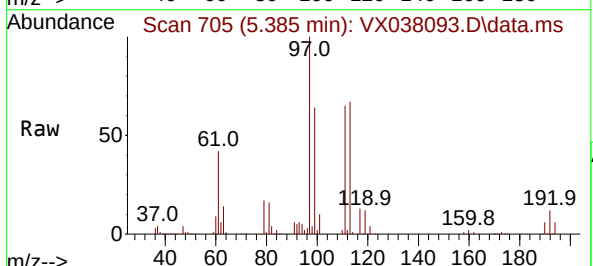
Manual Integrations
APPROVED

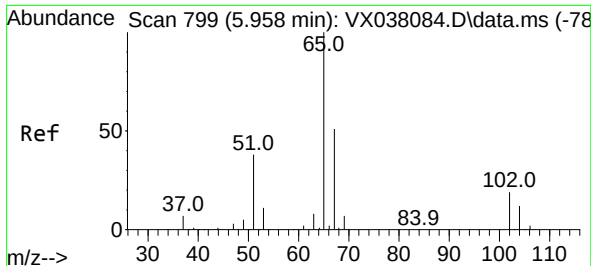
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#32
1,1,1-Trichloroethane
Concen: 51.940 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Tgt Ion: 97 Resp: 154771
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 44.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.369 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 12382

Ion Ratio Lower Upper

65 100

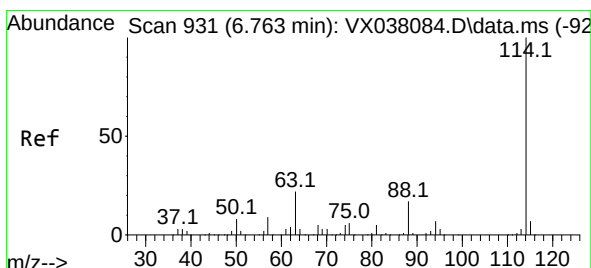
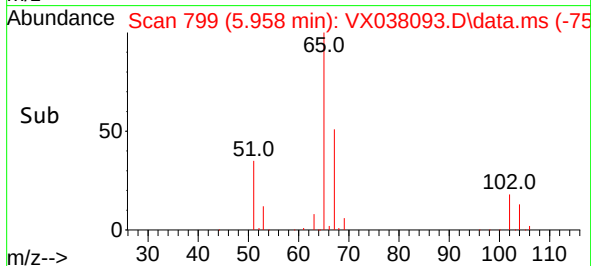
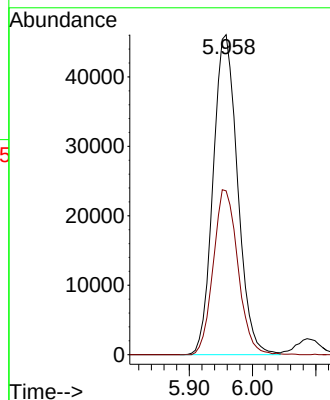
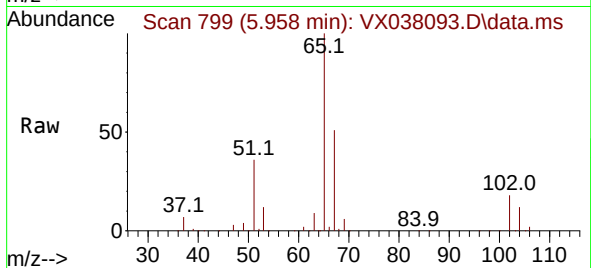
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

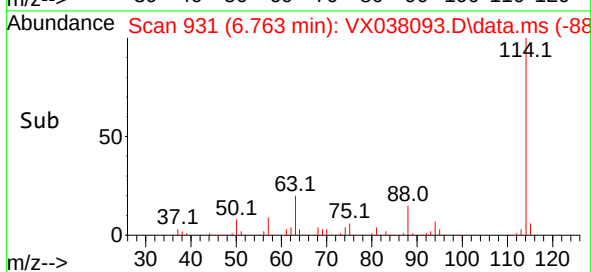
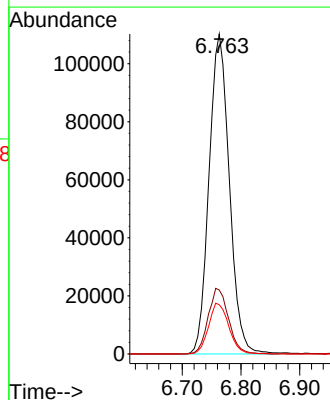
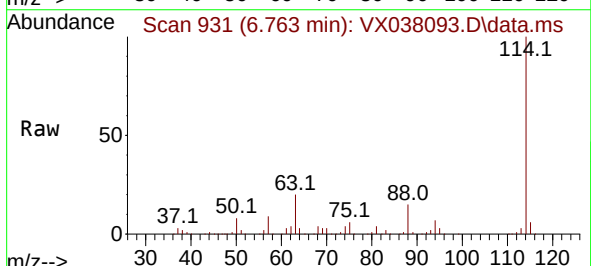
Tgt Ion:114 Resp: 264733

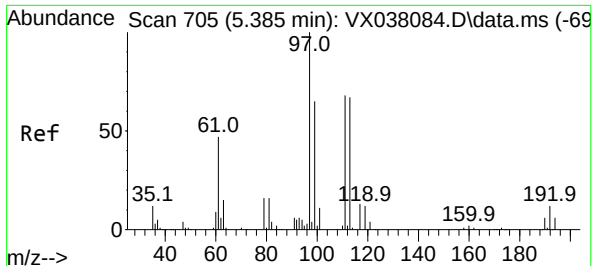
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

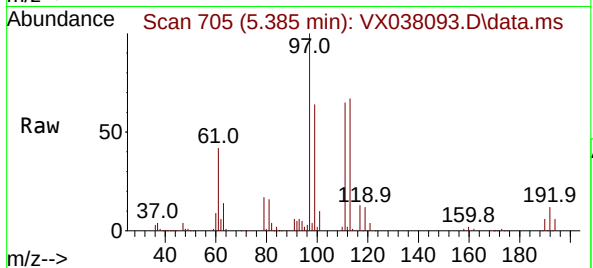
88 15.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.985 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

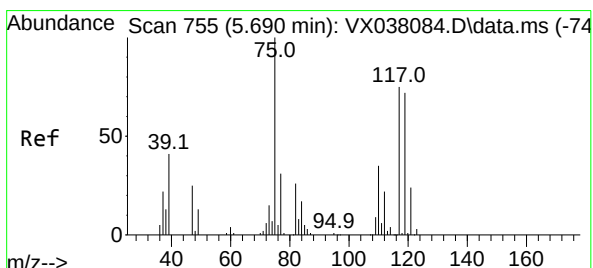
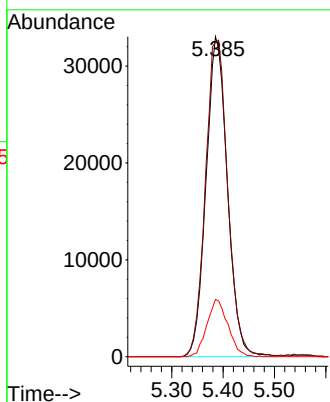
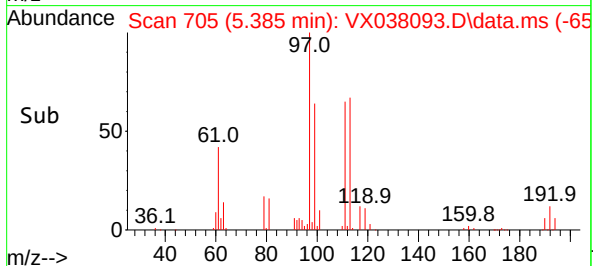
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 95349
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 17.6 13.3 19.9

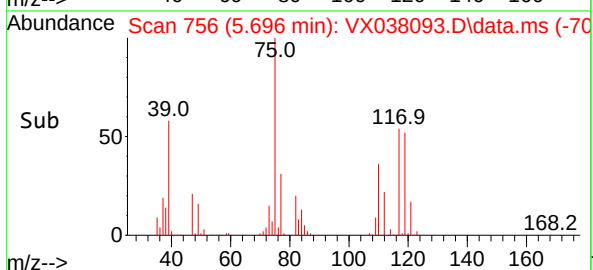
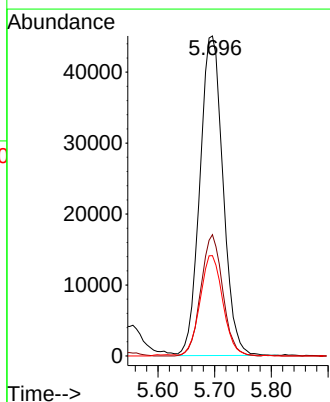
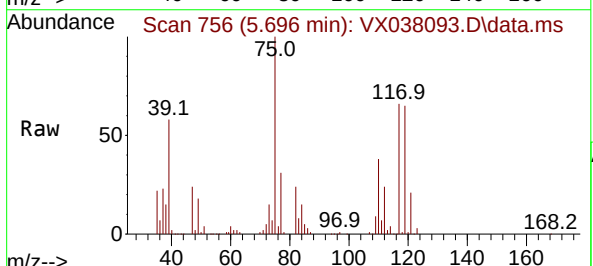
Manual Integrations
APPROVED

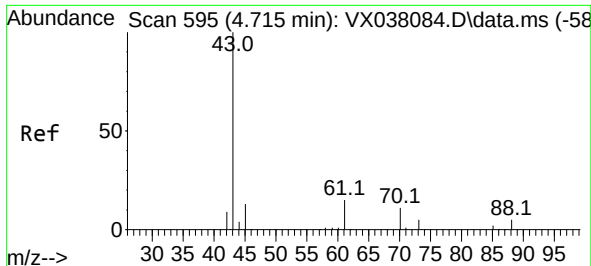
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#36
1,1-Dichloropropene
Concen: 48.435 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Tgt Ion: 75 Resp: 127409
Ion Ratio Lower Upper
75 100
110 35.9 17.0 50.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 49.235 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 15381

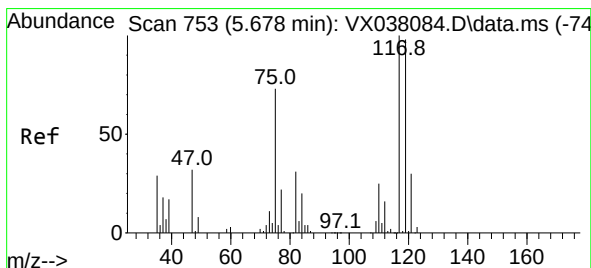
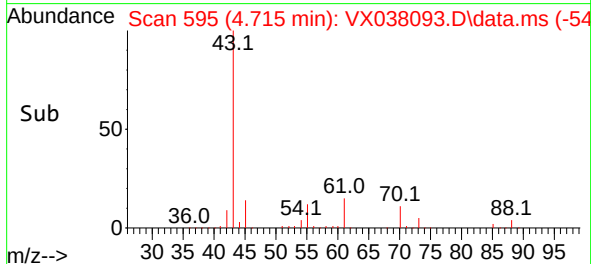
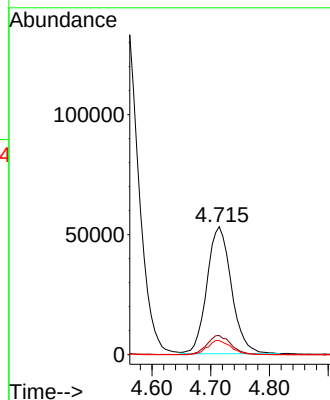
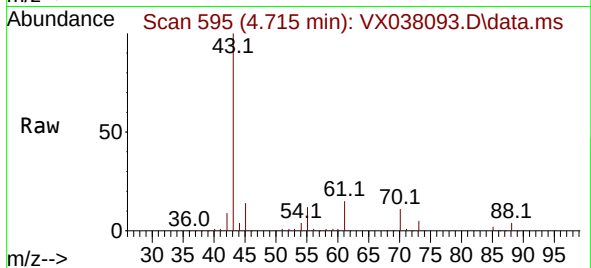
Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.6	16.0
70	10.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#38

Carbon Tetrachloride

Concen: 50.808 ug/l

RT: 5.678 min Scan# 753

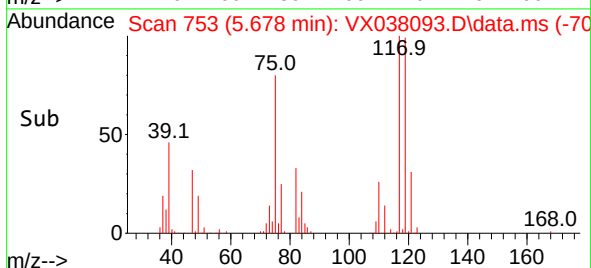
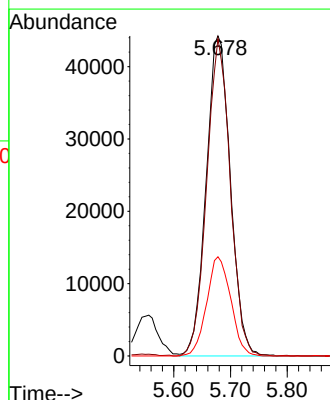
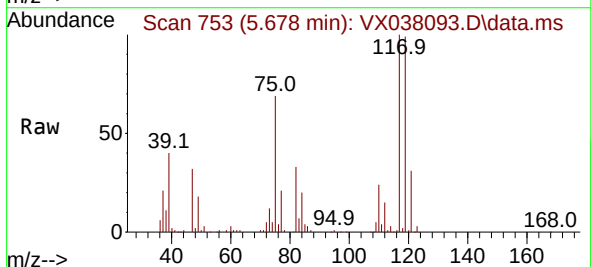
Delta R.T. -0.000 min

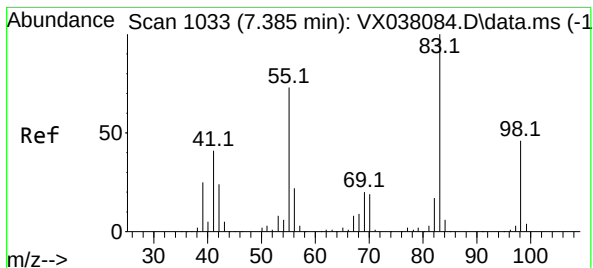
Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Tgt Ion:117 Resp: 131477

Ion	Ratio	Lower	Upper
117	100		
119	99.2	78.2	117.2
121	31.0	24.4	36.6





#39

Methylcyclohexane

Concen: 50.751 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 156372

Ion Ratio Lower Upper

83 100

55 73.3 64.6 97.0

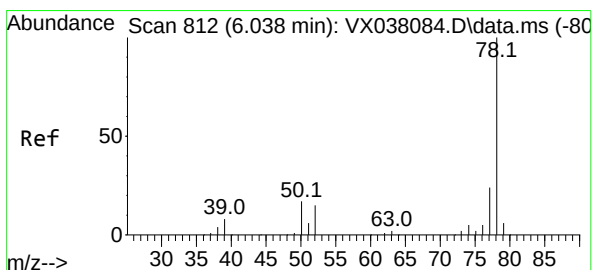
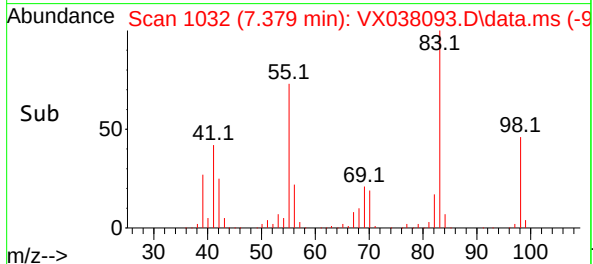
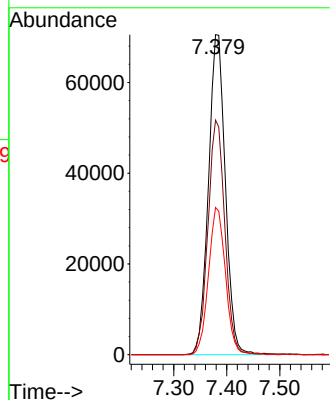
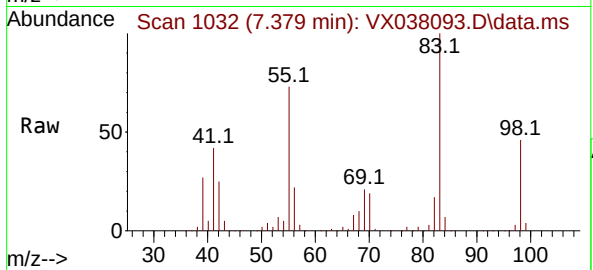
98 46.0 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#40

Benzene

Concen: 50.456 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX038093.D

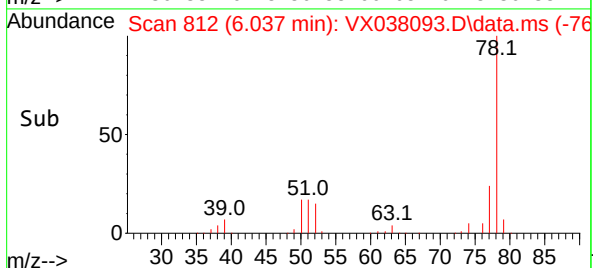
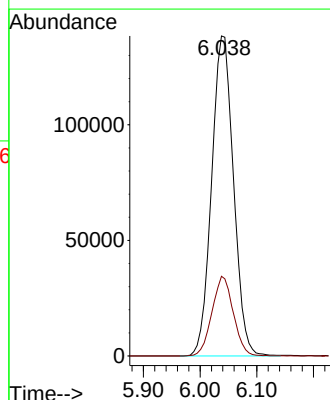
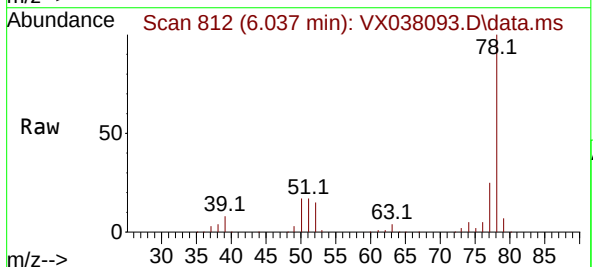
Acq: 05 Oct 2023 11:08

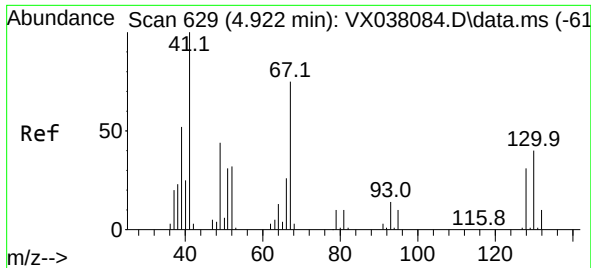
Tgt Ion: 78 Resp: 371225

Ion Ratio Lower Upper

78 100

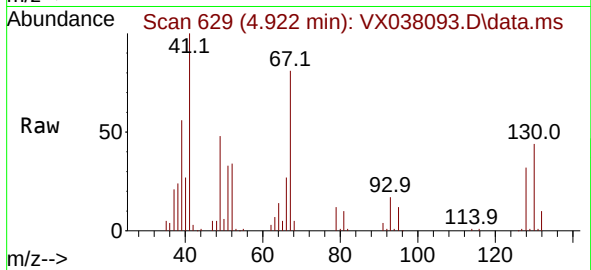
77 24.9 19.3 28.9





#41
Methacrylonitrile
Concen: 50.165 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

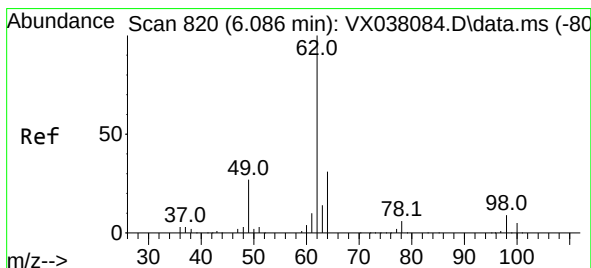
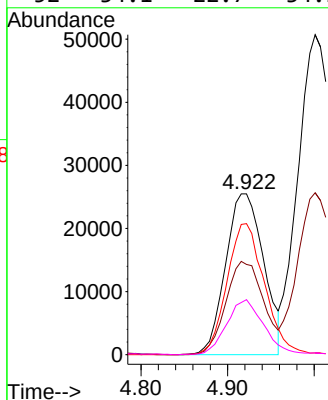
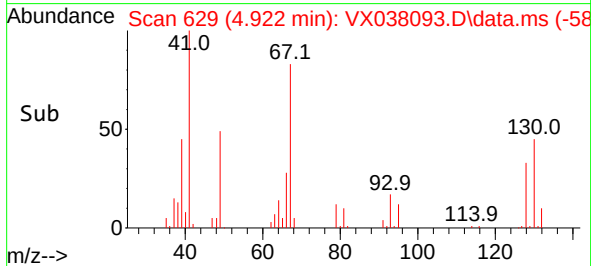
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 77962
Ion Ratio Lower Upper
41 100
39 57.6 45.2 67.8
67 80.4 52.6 78.8
52 34.1 22.7 34.1

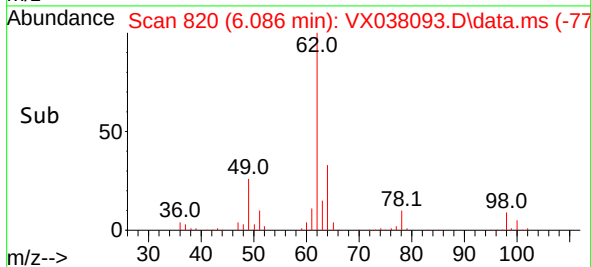
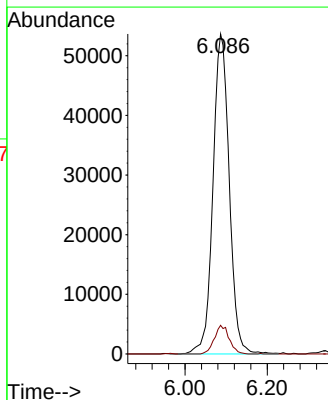
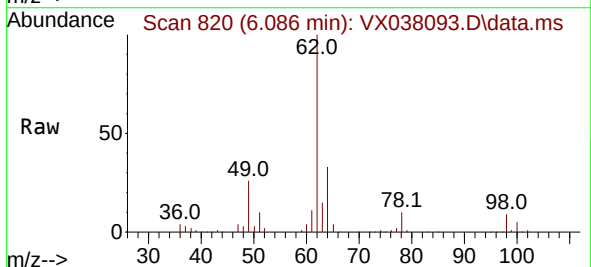
Manual Integrations
APPROVED

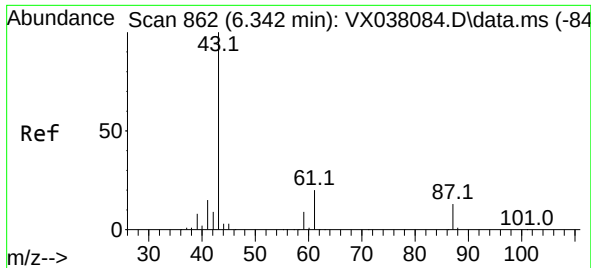
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#42
1,2-Dichloroethane
Concen: 50.165 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

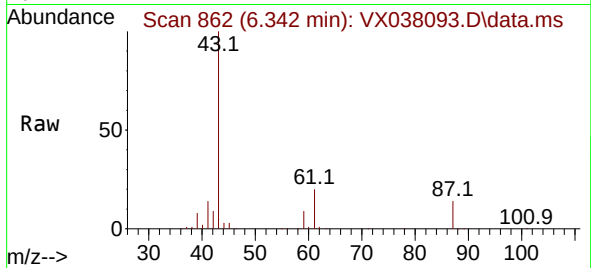
Tgt Ion: 62 Resp: 147463
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.354 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

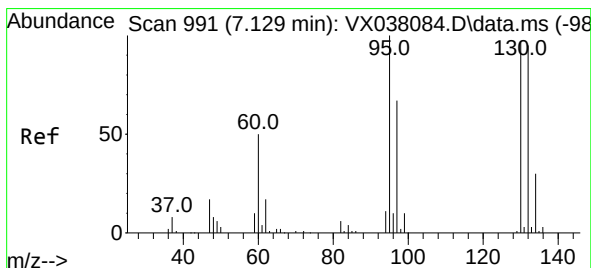
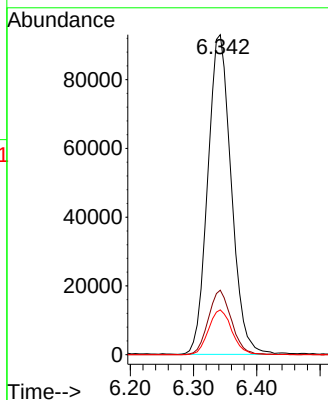
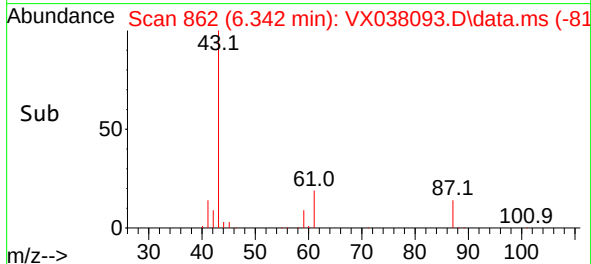
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 23950
Ion Ratio Lower Upper
43 100
61 19.8 15.2 22.8
87 14.0 9.8 14.6

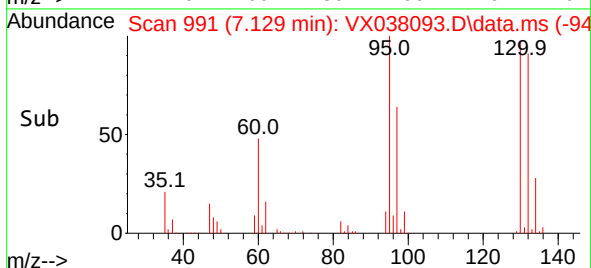
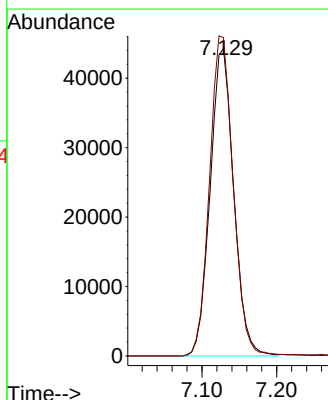
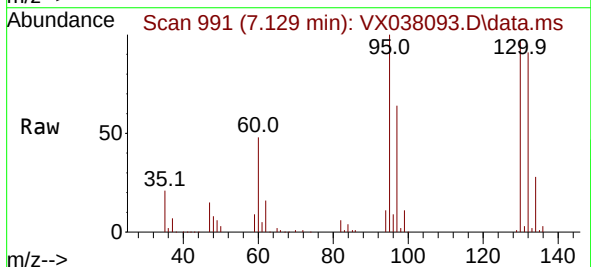
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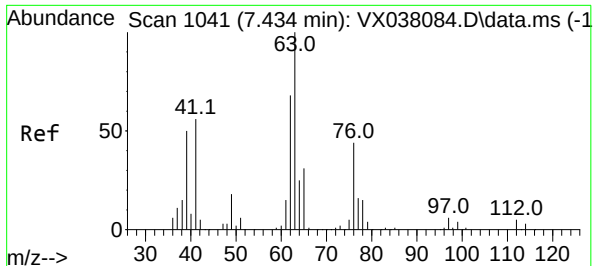
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#44
Trichloroethene
Concen: 50.460 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Tgt Ion:130 Resp: 97102
Ion Ratio Lower Upper
130 100
95 103.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.220 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 95630

Ion Ratio Lower Upper

63 100

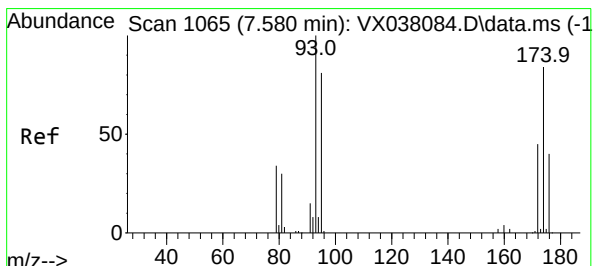
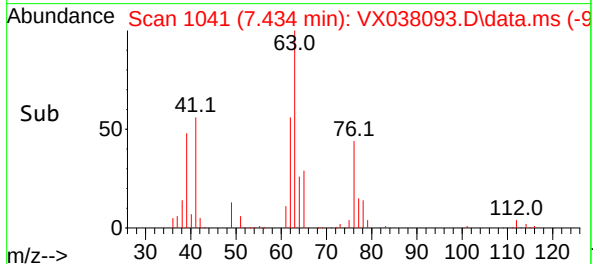
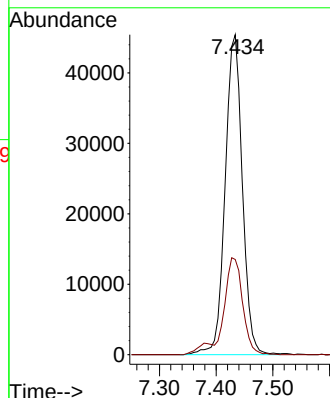
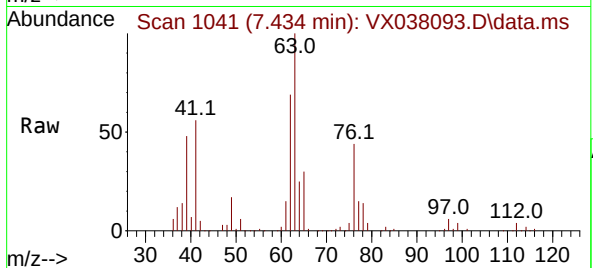
65 29.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#46

Dibromomethane

Concen: 49.384 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

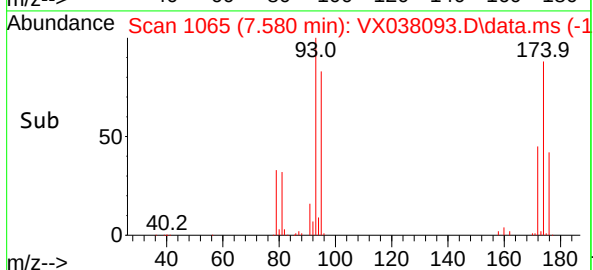
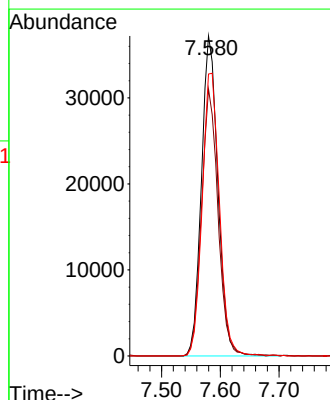
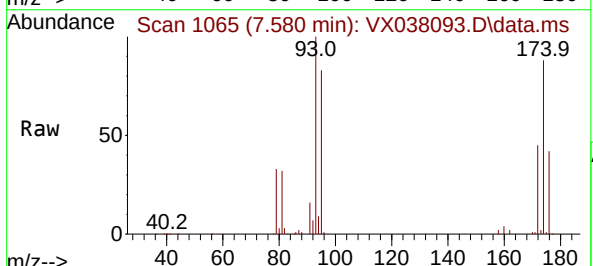
Tgt Ion: 93 Resp: 72936

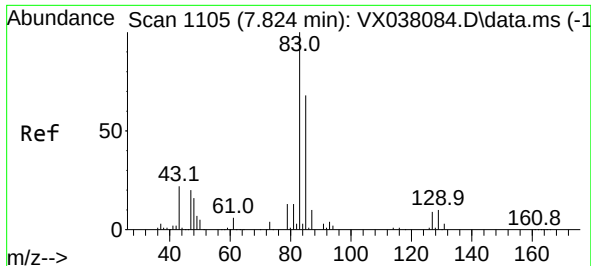
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 92.1 69.4 104.0





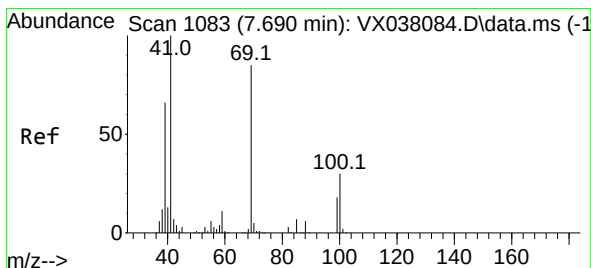
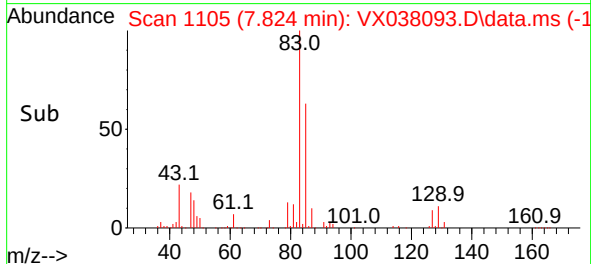
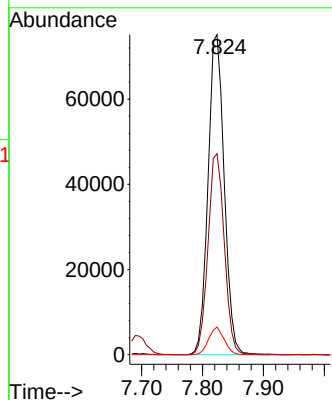
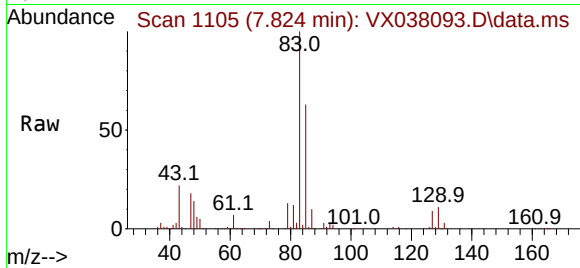
#47
Bromodichloromethane
Concen: 52.830 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 13880
Ion Ratio Lower Upper
83 100
85 62.8 49.8 74.6
127 8.6 7.1 10.7

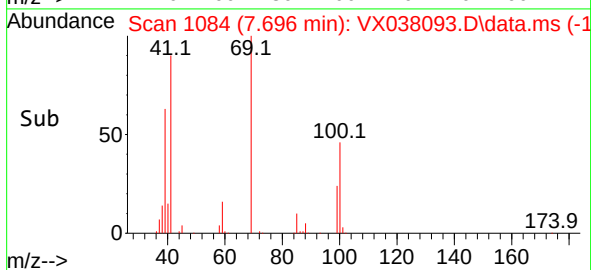
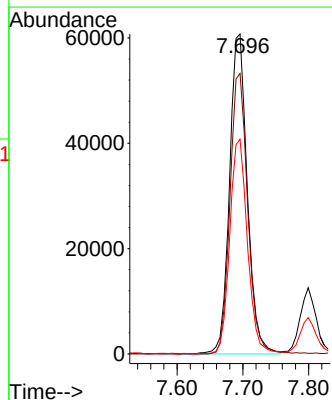
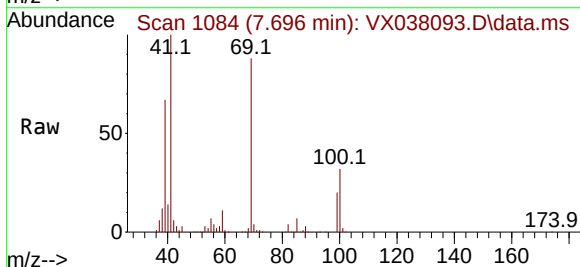
Manual Integrations
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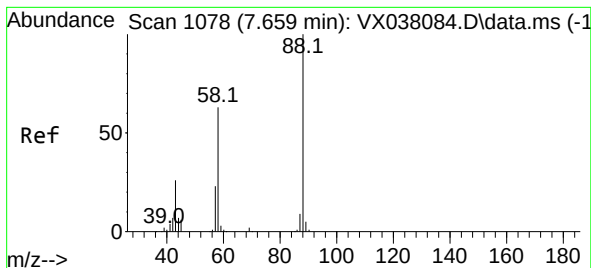
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#48
Methyl methacrylate
Concen: 51.333 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Tgt Ion: 41 Resp: 114288
Ion Ratio Lower Upper
41 100
69 88.1 59.2 88.8
39 67.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1023.072 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 56129

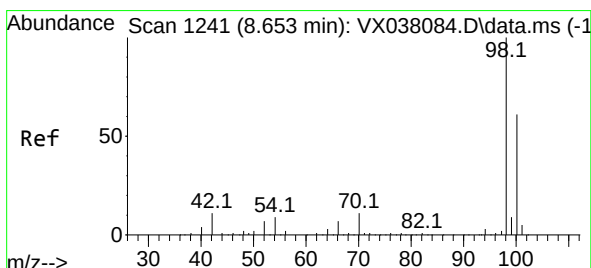
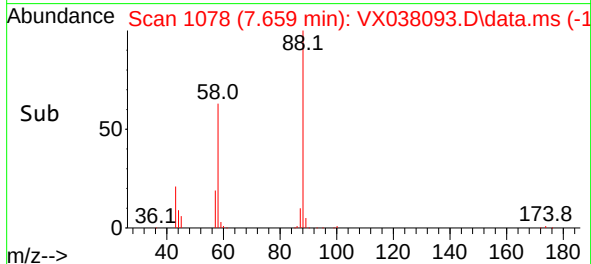
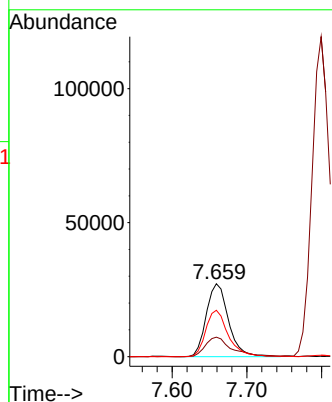
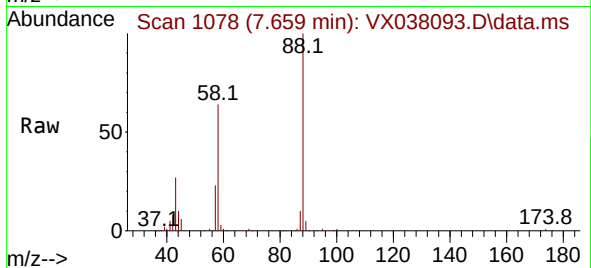
Ion	Ratio	Lower	Upper
88	100		
43	31.4	0.0	0.0
58	64.5	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#50

Toluene-d8

Concen: 50.100 ug/l

RT: 8.653 min Scan# 1241

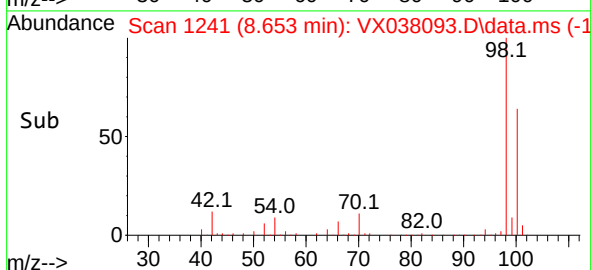
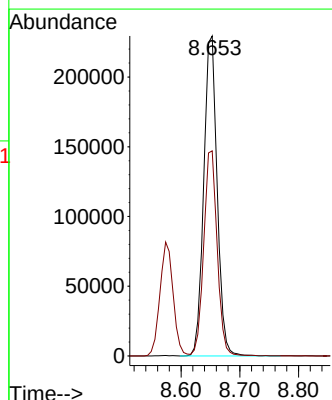
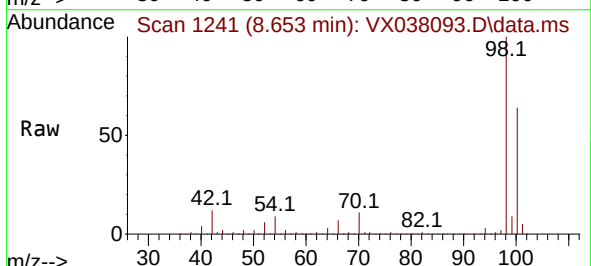
Delta R.T. -0.000 min

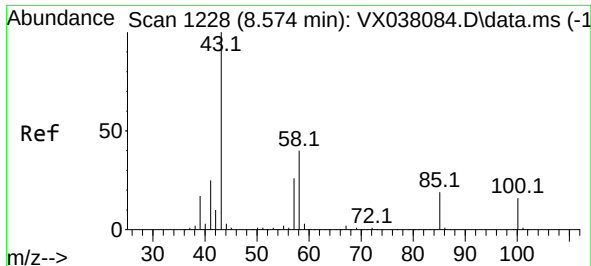
Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Tgt Ion: 98 Resp: 365196

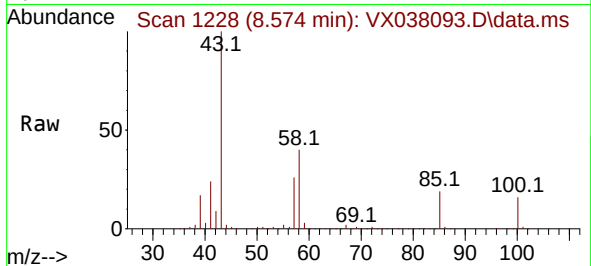
Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 251.061 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

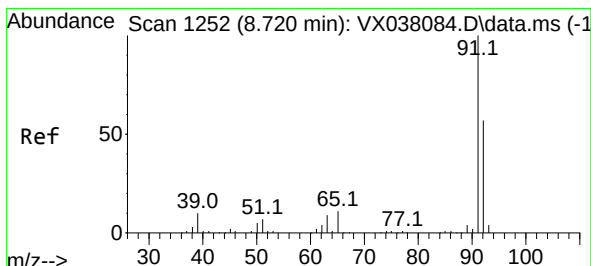
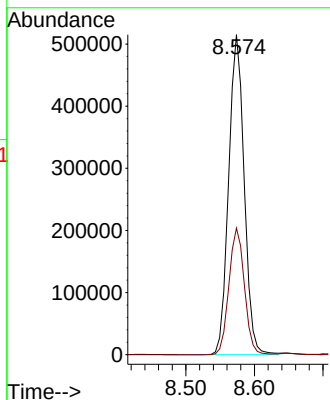
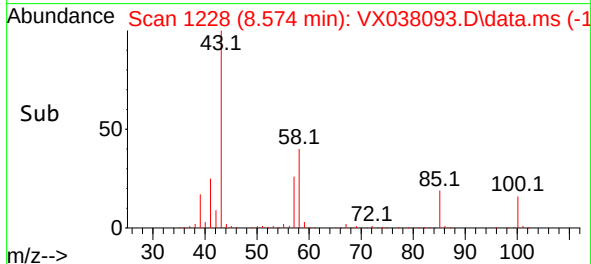
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



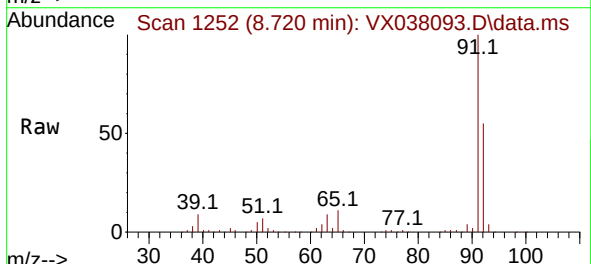
Tgt Ion: 43 Resp: 807628
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6

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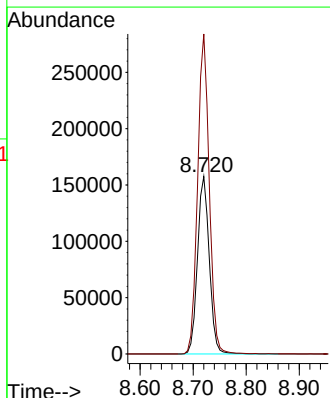
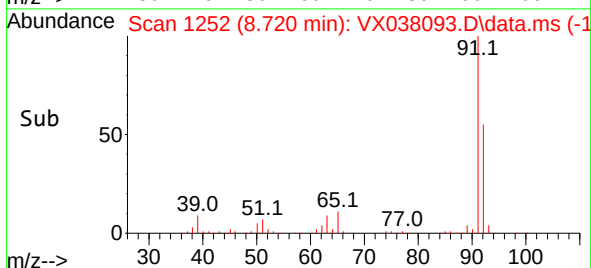
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

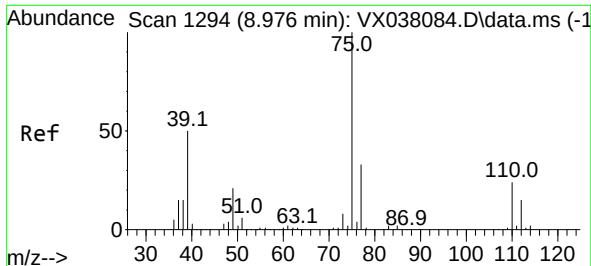


#52
Toluene
Concen: 50.823 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08



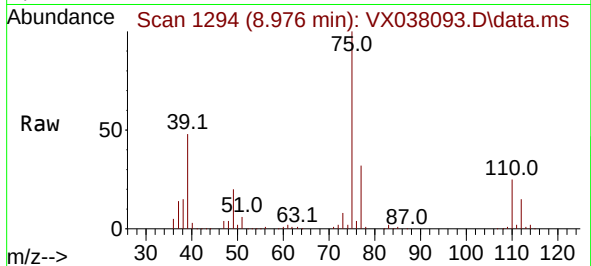
Tgt Ion: 92 Resp: 243575
Ion Ratio Lower Upper
92 100
91 177.5 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 53.830 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

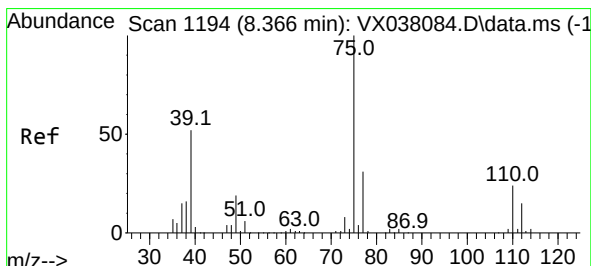
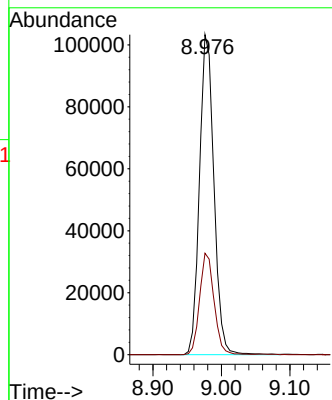
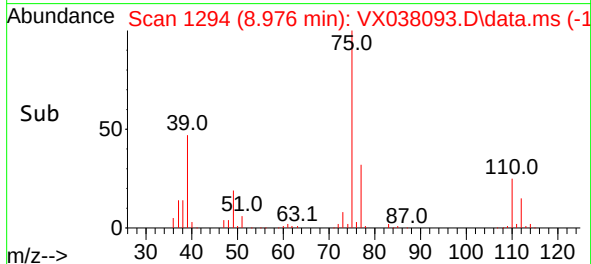
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



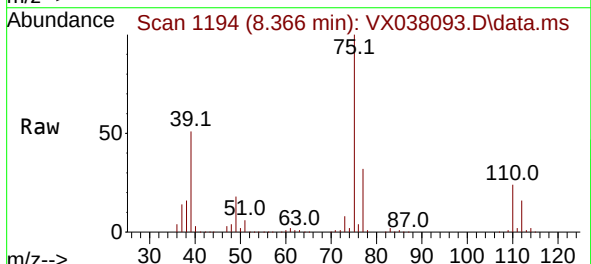
Tgt Ion: 75 Resp: 151810
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

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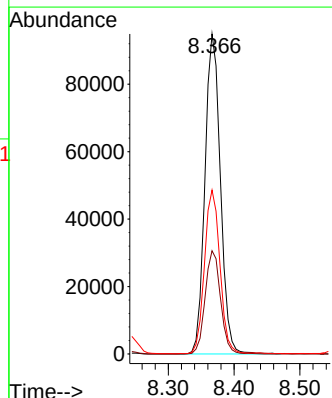
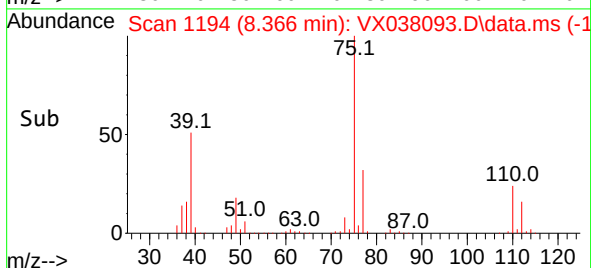
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

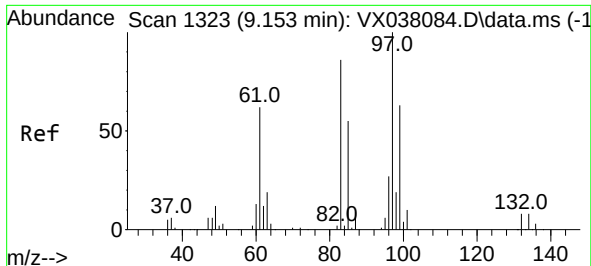


#54
cis-1,3-Dichloropropene
Concen: 52.503 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08



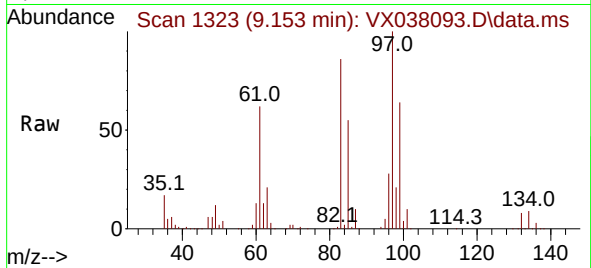
Tgt Ion: 75 Resp: 155565
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 51.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.311 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

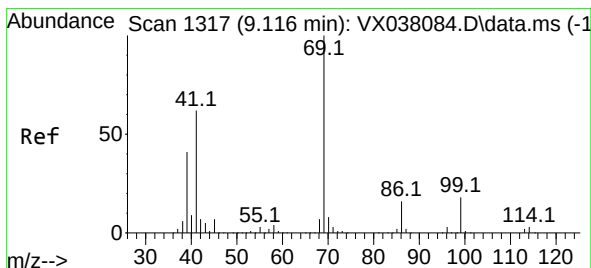
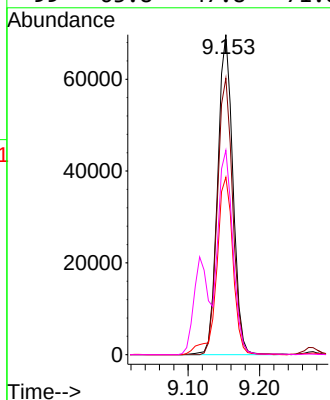
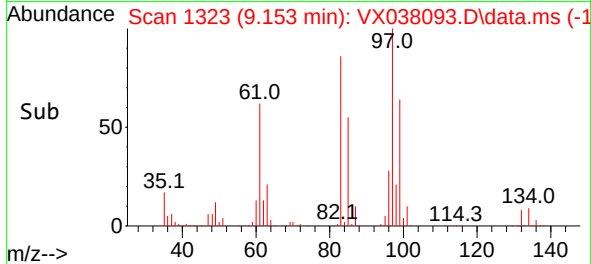


Tgt Ion: 97 Resp: 10313

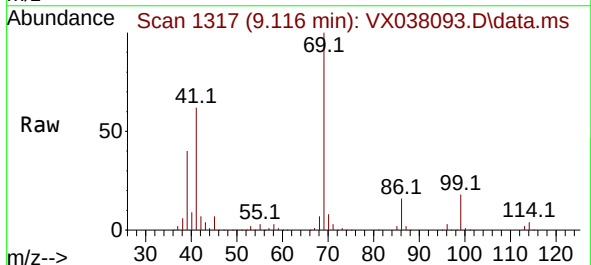
Ion	Ratio	Lower	Upper
97	100		
83	86.4	65.8	98.8
85	55.4	41.6	62.4
99	63.8	47.8	71.8

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Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

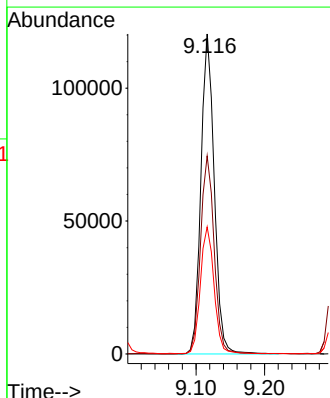
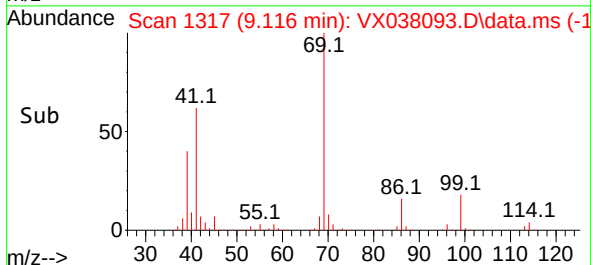


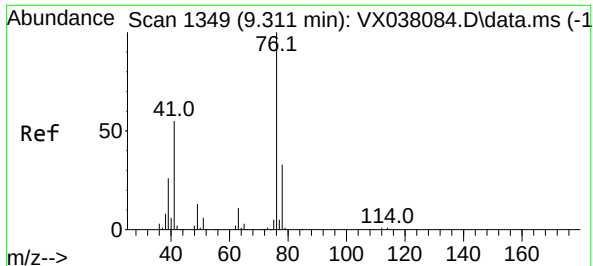
#56
Ethyl methacrylate
Concen: 51.964 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08



Tgt Ion: 69 Resp: 163323

Ion	Ratio	Lower	Upper
69	100		
41	63.3	56.8	85.2
39	40.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.052 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 16926

Ion Ratio Lower Upper

76 100

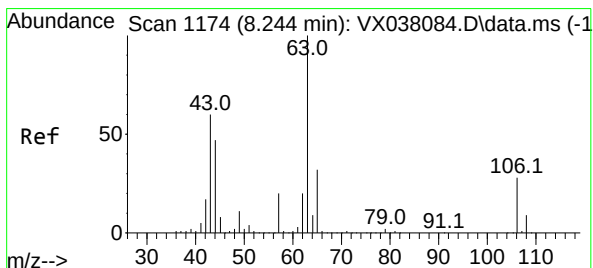
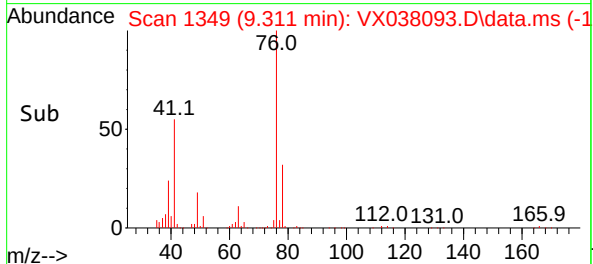
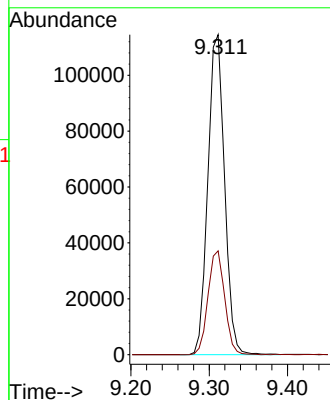
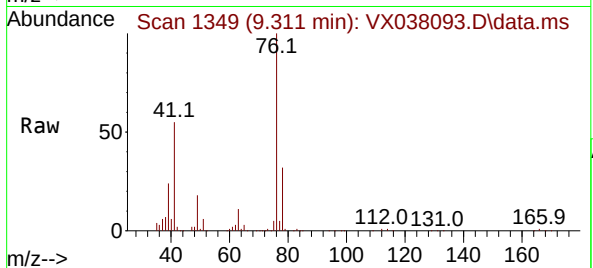
78 32.4 26.1 39.1

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Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 253.331 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038093.D

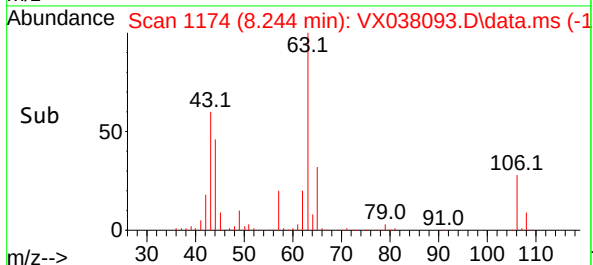
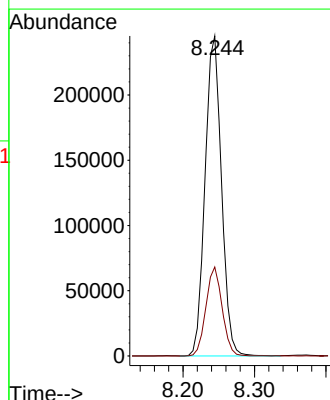
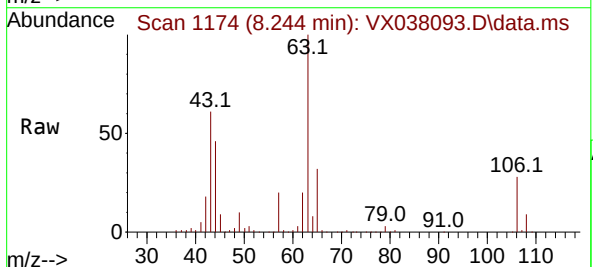
Acq: 05 Oct 2023 11:08

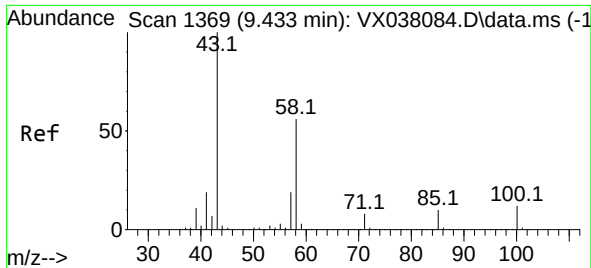
Tgt Ion: 63 Resp: 390836

Ion Ratio Lower Upper

63 100

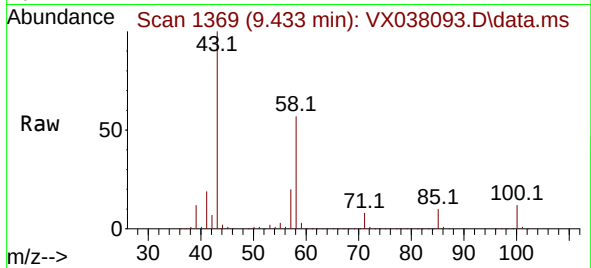
106 27.5 22.5 33.7





#59
2-Hexanone
Concen: 251.511 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

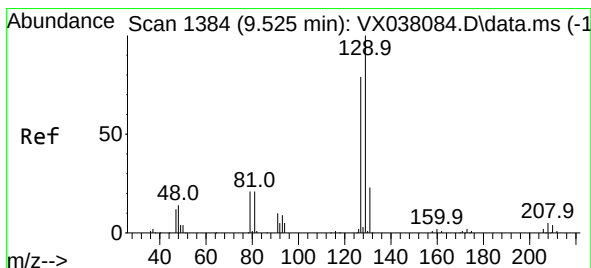
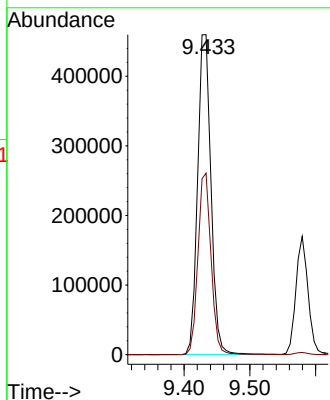
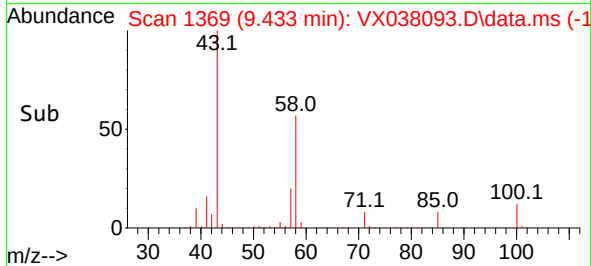
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 650434
Ion Ratio Lower Upper
43 100
58 55.7 26.2 78.5

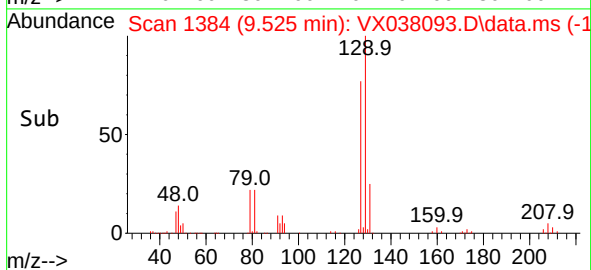
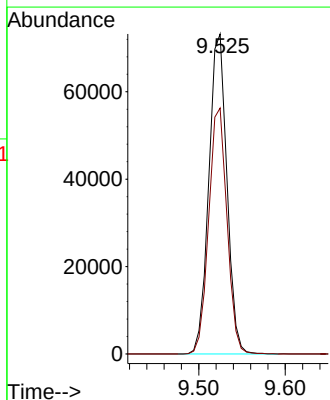
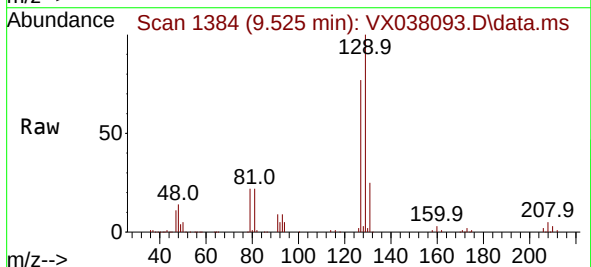
Manual Integrations
APPROVED

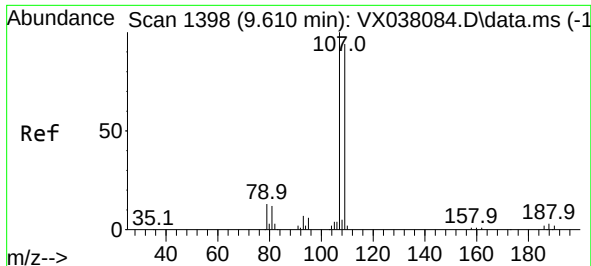
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#60
Dibromochloromethane
Concen: 52.858 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

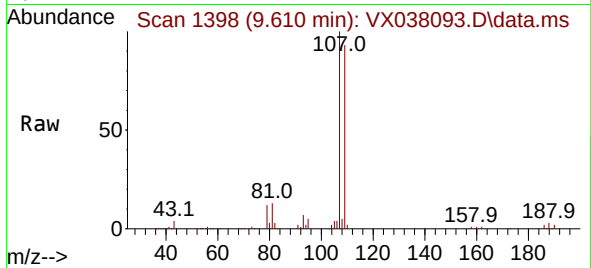
Tgt Ion:129 Resp: 106050
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.236 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

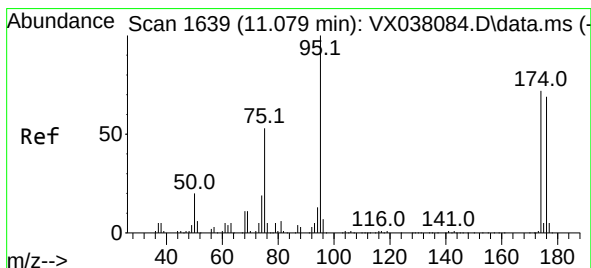
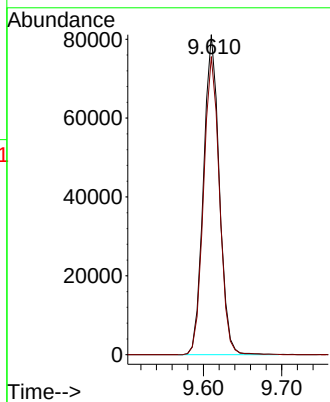
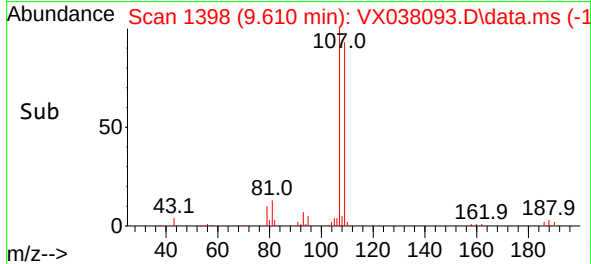
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



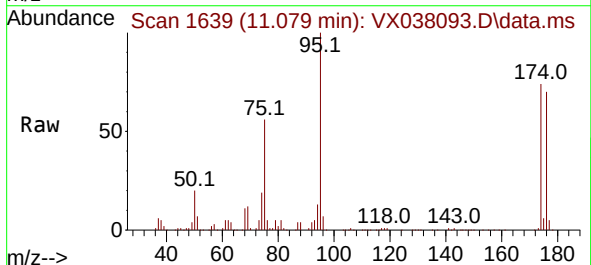
Tgt Ion:107 Resp: 113582
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8

Manual Integrations
APPROVED

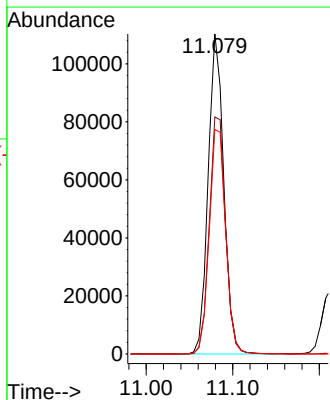
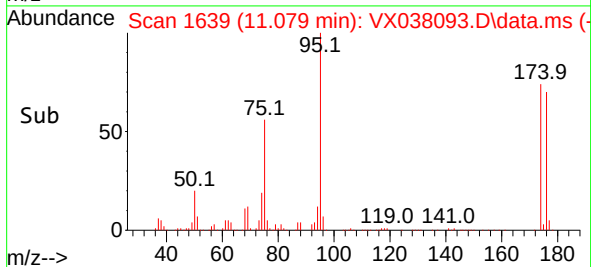
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

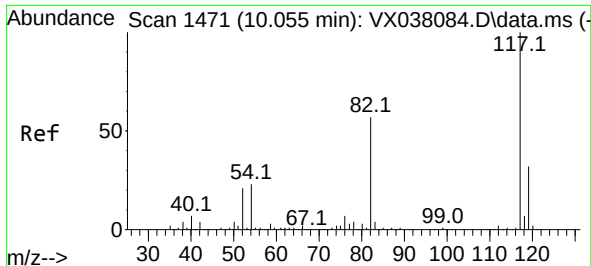


#62
4-Bromofluorobenzene
Concen: 49.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08



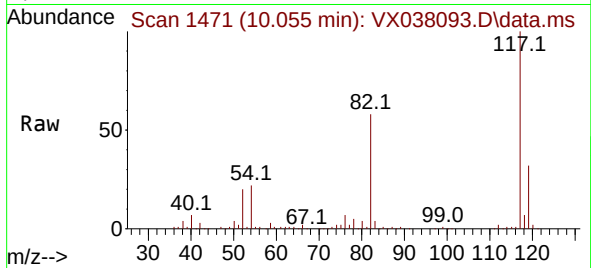
Tgt Ion: 95 Resp: 137722
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 74.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

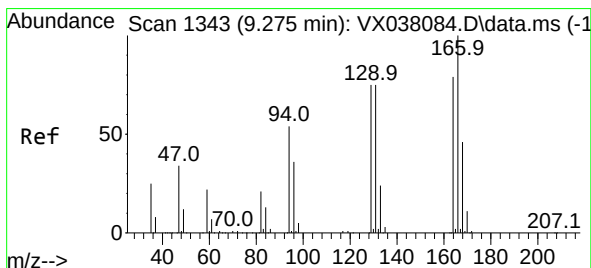
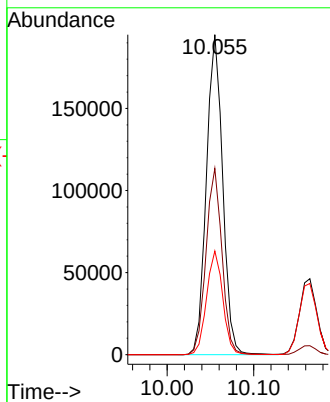
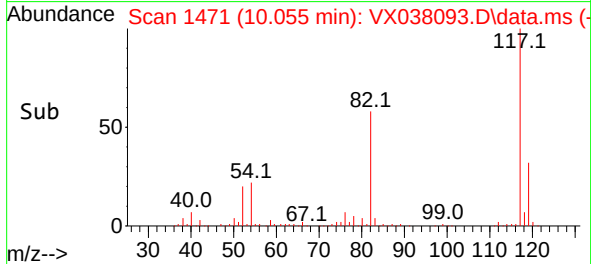
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 254512
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.4 25.5 38.3

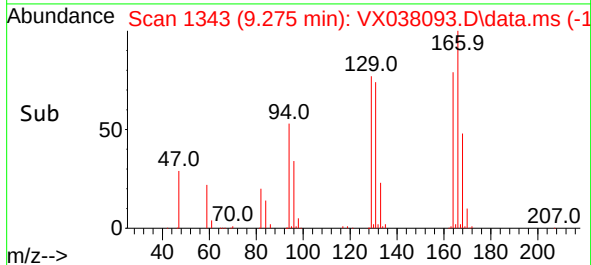
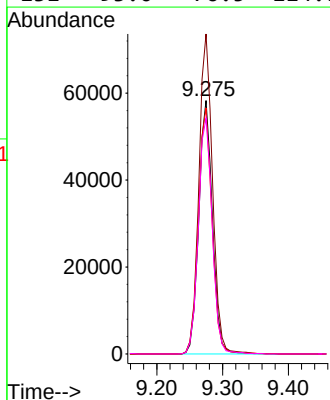
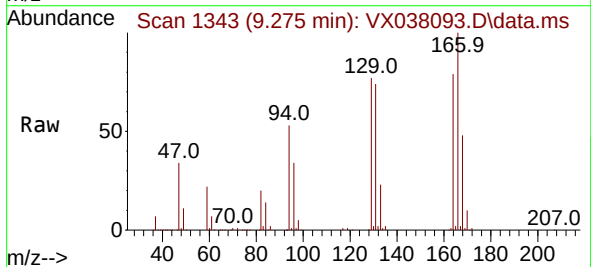
Manual Integrations
APPROVED

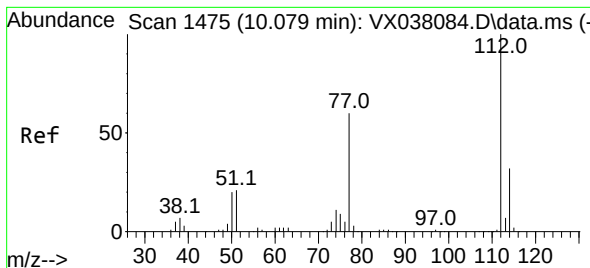
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#64
Tetrachloroethene
Concen: 50.849 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

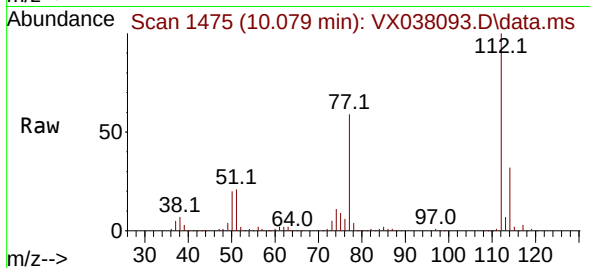
Tgt Ion:164 Resp: 83781
Ion Ratio Lower Upper
164 100
166 126.3 102.7 154.1
129 97.1 80.4 120.6
131 93.0 76.5 114.7





#65
Chlorobenzene
Concen: 49.370 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

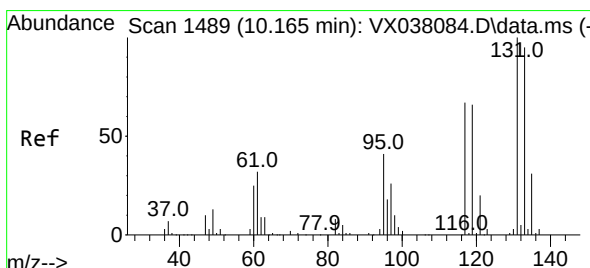
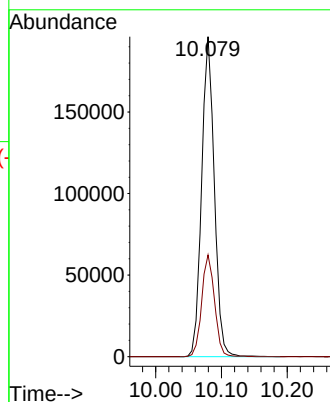
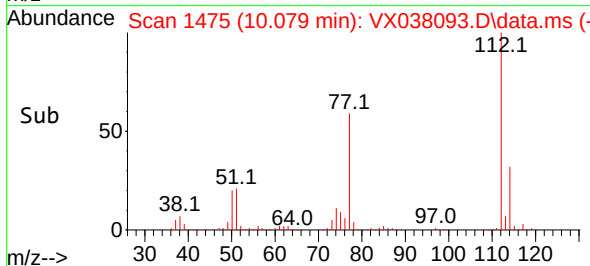
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



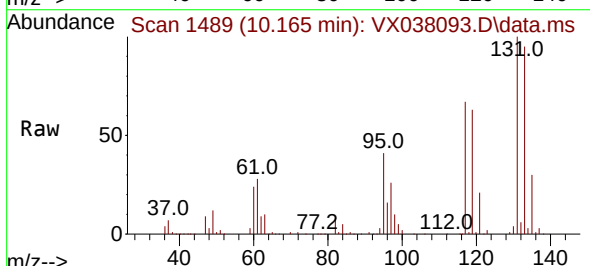
Tgt Ion:112 Resp: 262932
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

Manual Integrations
APPROVED

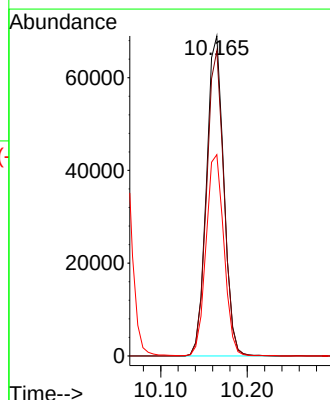
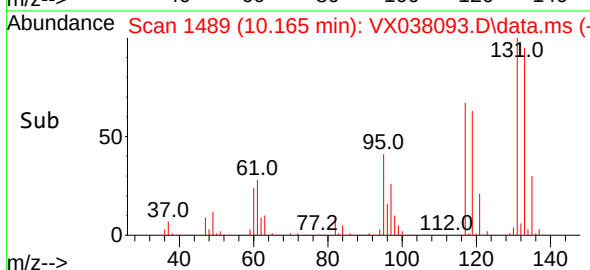
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

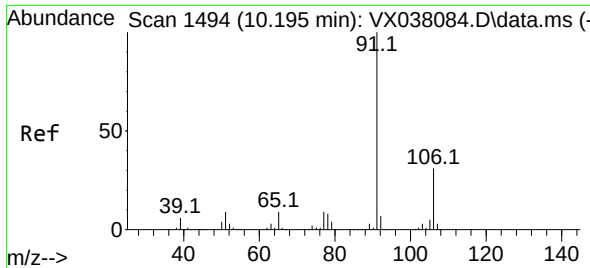


#66
1,1,1,2-Tetrachloroethane
Concen: 53.121 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08



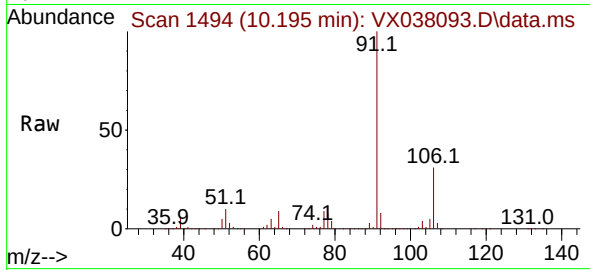
Tgt Ion:131 Resp: 95667
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 64.9 32.2 96.6





#67
Ethyl Benzene
Concen: 50.831 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

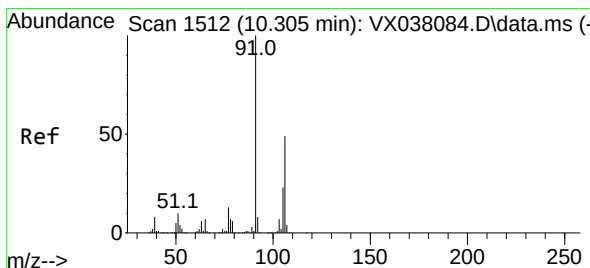
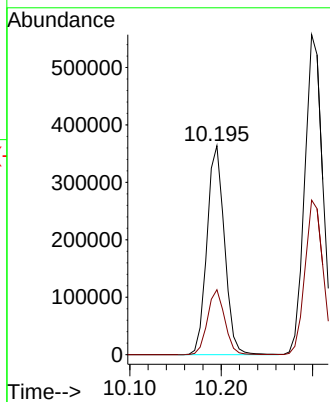
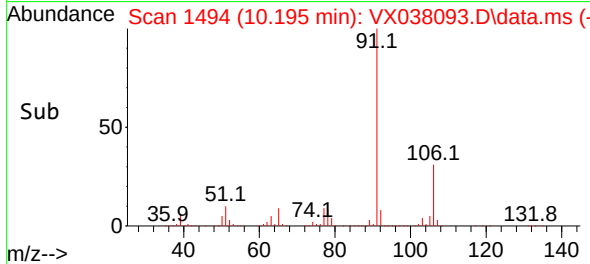
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



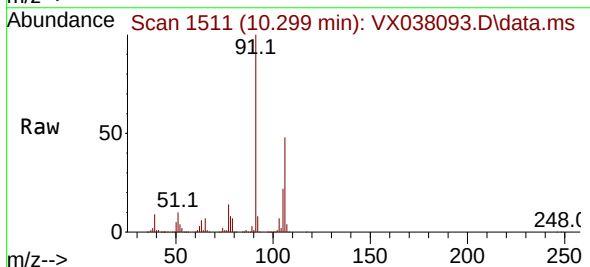
Tgt Ion: 91 Resp: 483224
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

Manual Integrations
APPROVED

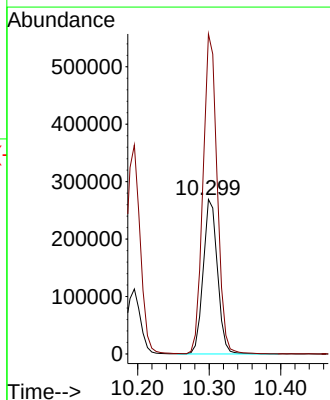
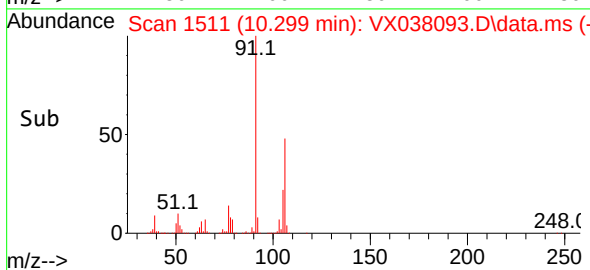
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

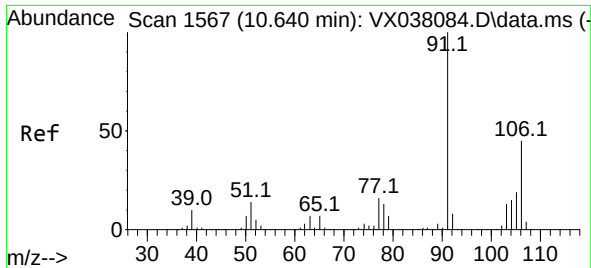


#68
m/p-Xylenes
Concen: 101.113 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08



Tgt Ion:106 Resp: 371674
Ion Ratio Lower Upper
106 100
91 206.7 165.5 248.3





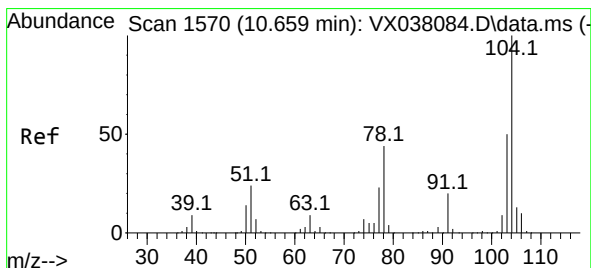
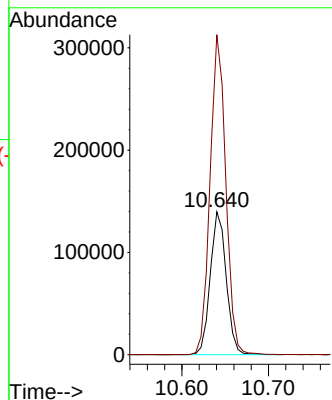
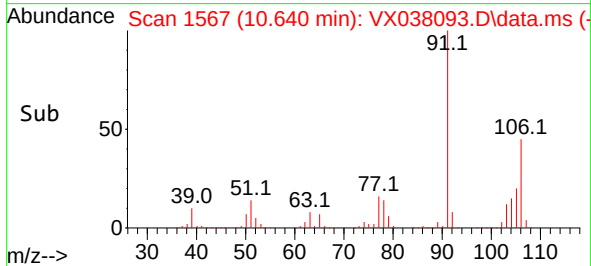
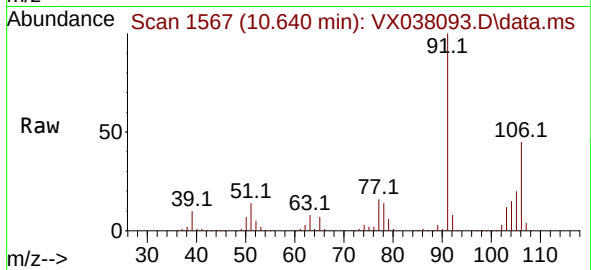
#69
o-Xylene
Concen: 49.847 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 178828
Ion Ratio Lower Upper
106 100
91 220.9 108.9 326.8

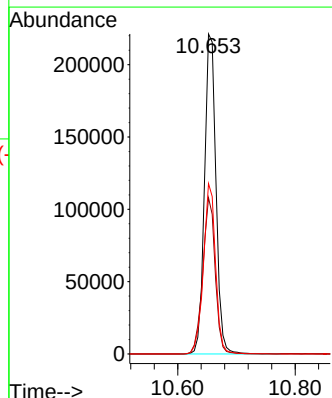
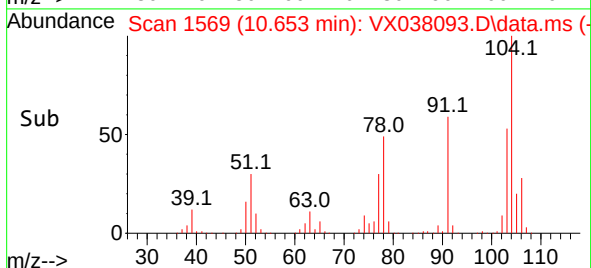
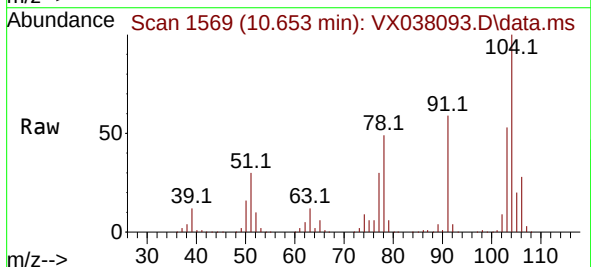
Manual Integrations
APPROVED

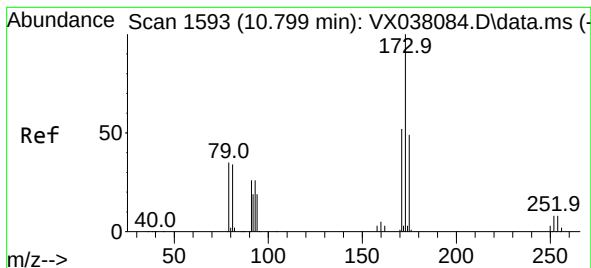
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#70
Styrene
Concen: 51.573 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

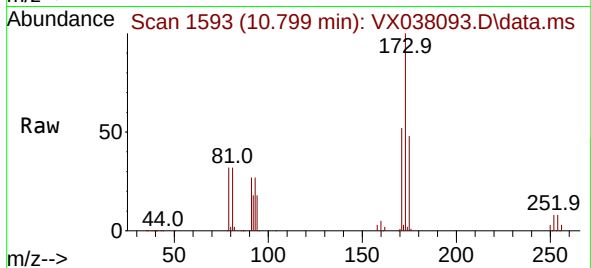
Tgt Ion:104 Resp: 301310
Ion Ratio Lower Upper
104 100
78 52.8 43.6 65.4
103 56.1 43.6 65.4





#71
Bromoform
Concen: 47.252 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

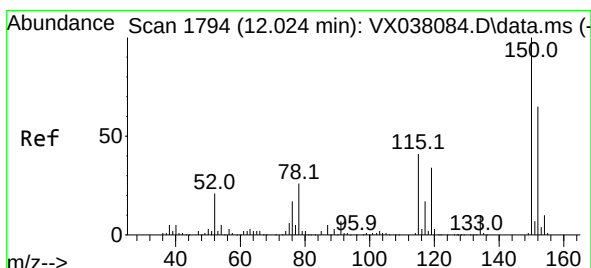
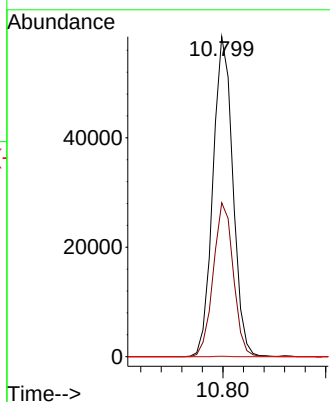
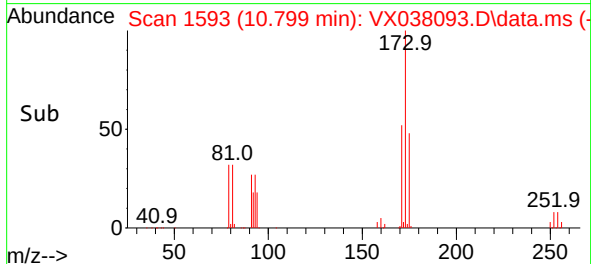
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



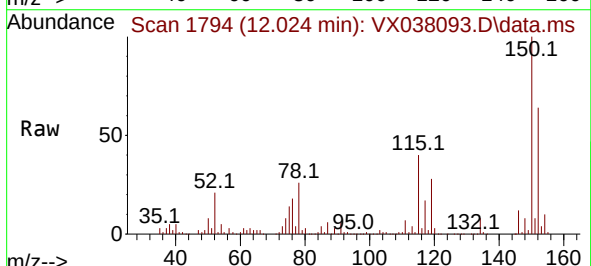
Tgt Ion:173 Resp: 78664
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

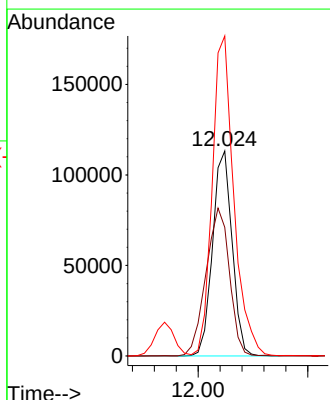
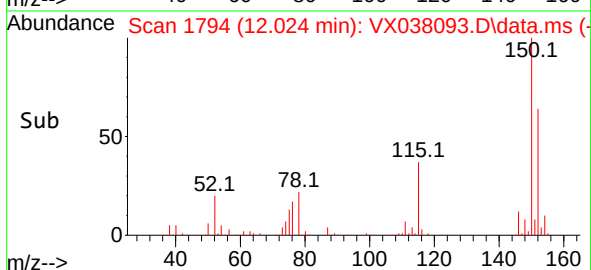
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

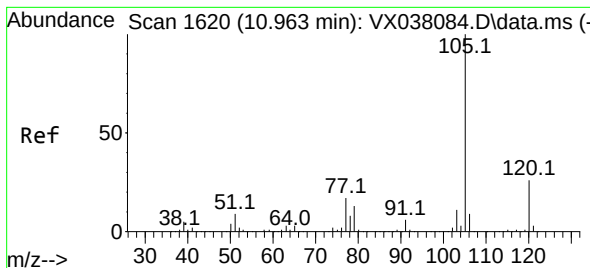


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08



Tgt Ion:152 Resp: 140086
Ion Ratio Lower Upper
152 100
115 87.1 43.3 129.9
150 173.0 0.0 345.0





#73

Isopropylbenzene

Concen: 50.595 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 475320

Ion Ratio Lower Upper

105 100

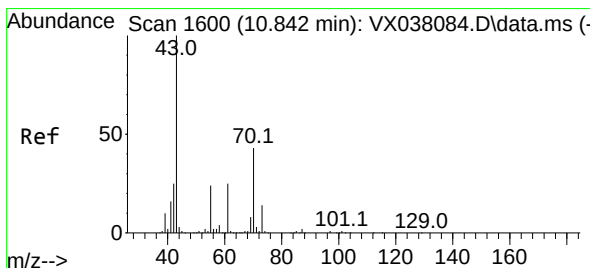
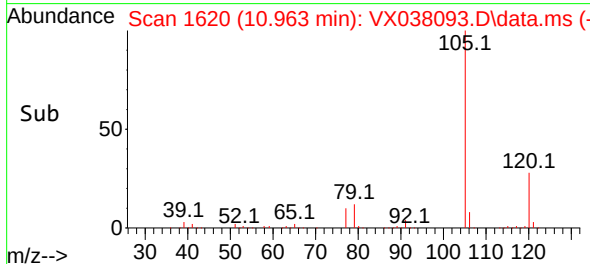
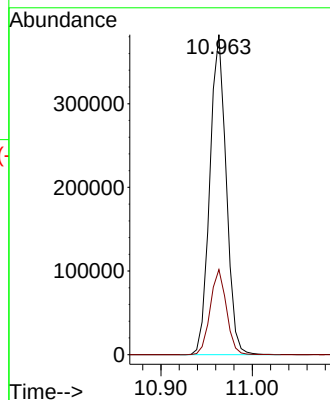
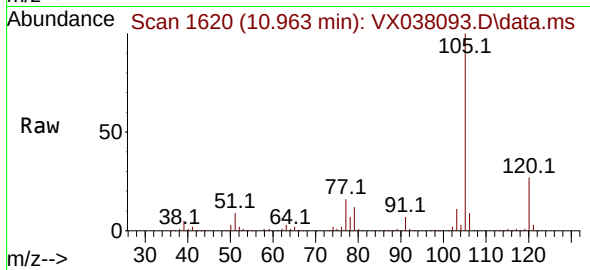
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#74

N-ethyl acetate

Concen: 53.435 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Tgt Ion: 43 Resp: 214374

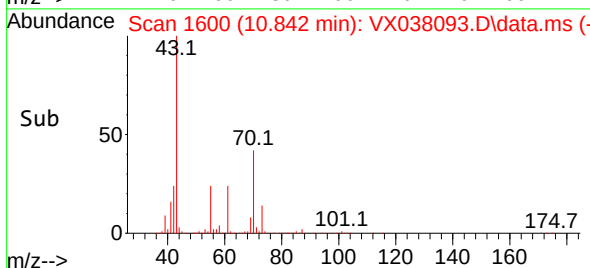
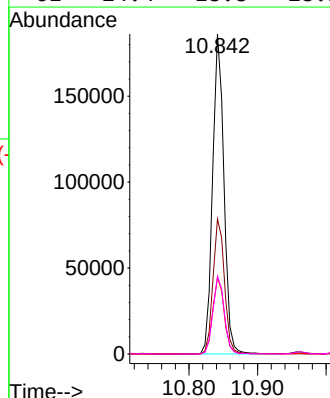
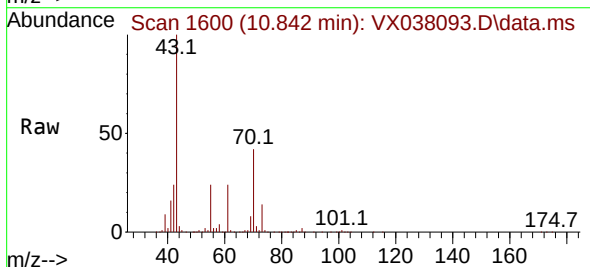
Ion Ratio Lower Upper

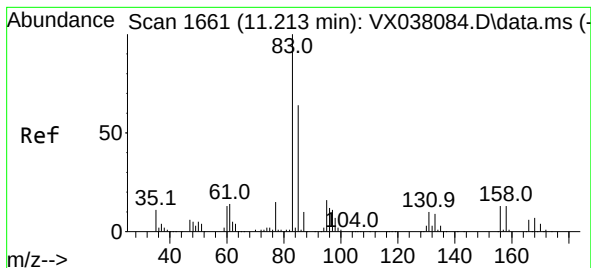
43 100

70 43.0 32.9 49.3

55 24.4 19.3 28.9

61 24.4 18.8 28.2





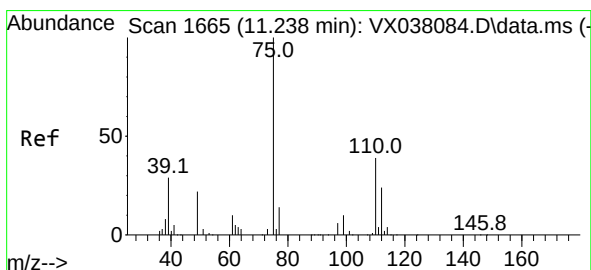
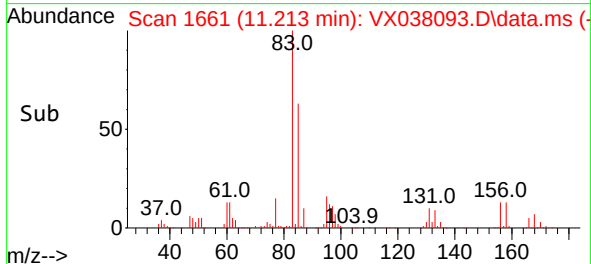
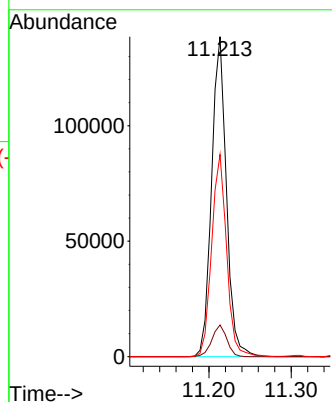
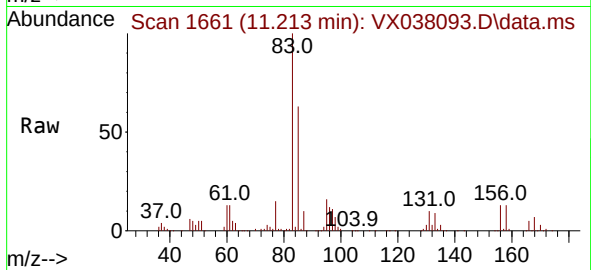
#75
1,1,2,2-Tetrachloroethane
Concen: 50.487 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 17404
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 63.8 32.0 96.2

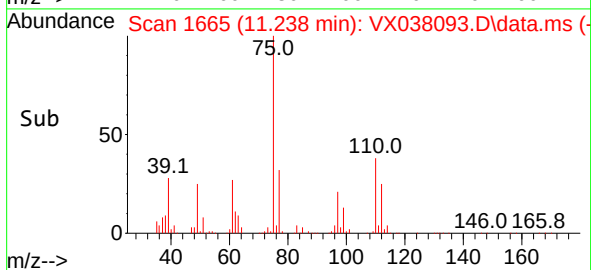
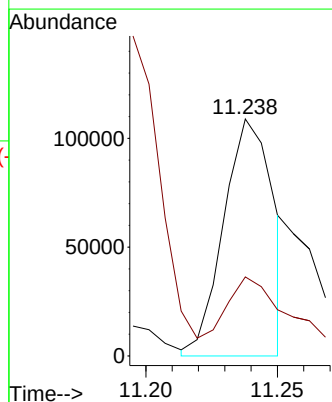
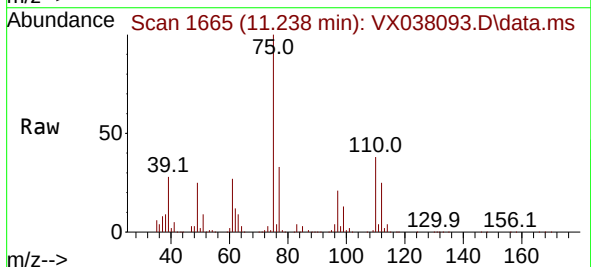
Manual Integrations
APPROVED

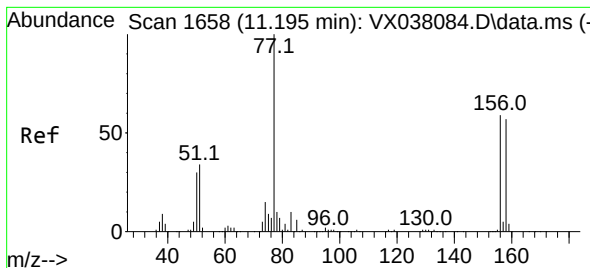
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#76
1,2,3-Trichloropropane
Concen: 44.831 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Tgt Ion: 75 Resp: 142771
Ion Ratio Lower Upper
75 100
77 44.2 19.1 57.5





#77

Bromobenzene

Concen: 49.838 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

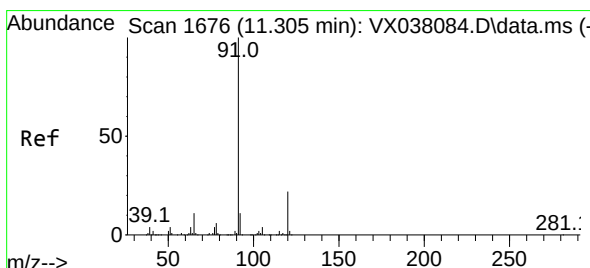
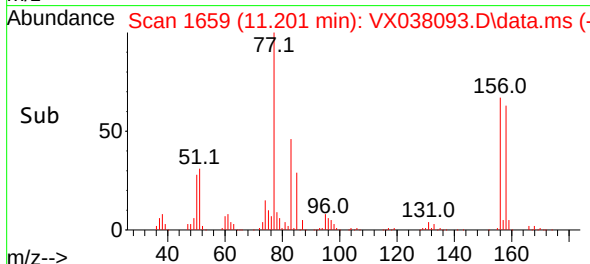
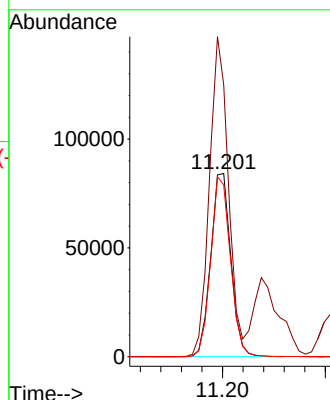
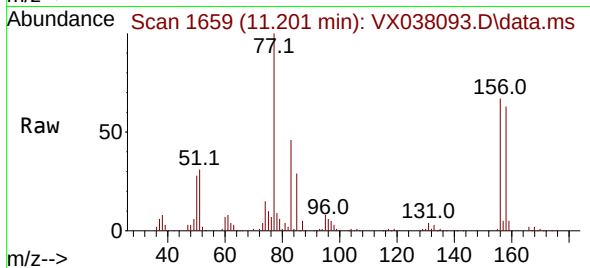
Tgt Ion:	156	Resp:	114310
Ion Ratio	Lower	Upper	
156	100		
77	163.9	88.4	265.3
158	96.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#78

n-propylbenzene

Concen: 50.541 ug/l

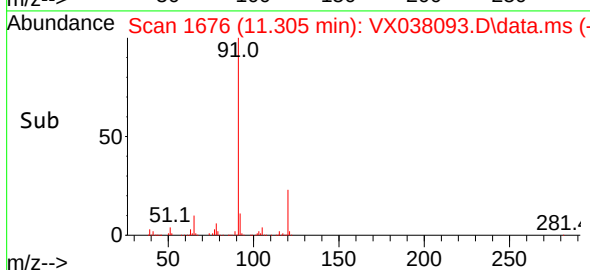
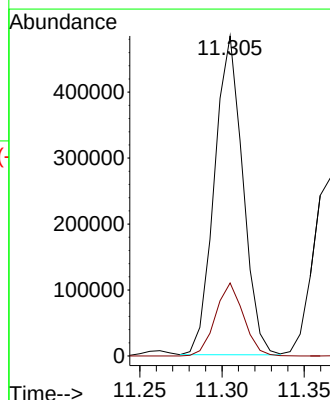
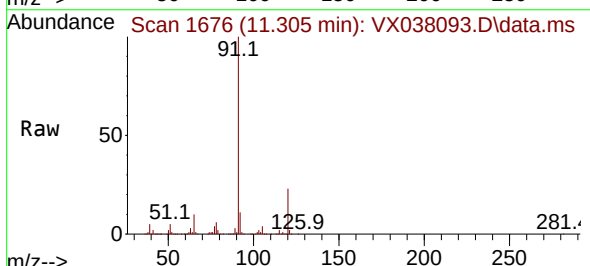
RT: 11.305 min Scan# 1676

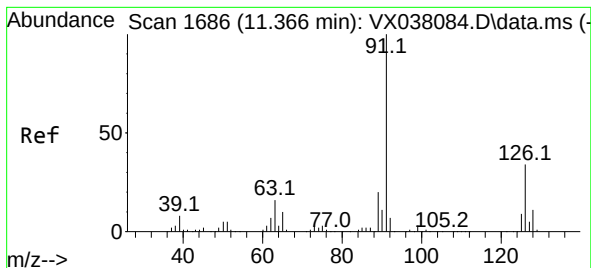
Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Tgt Ion:	91	Resp:	580578
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4





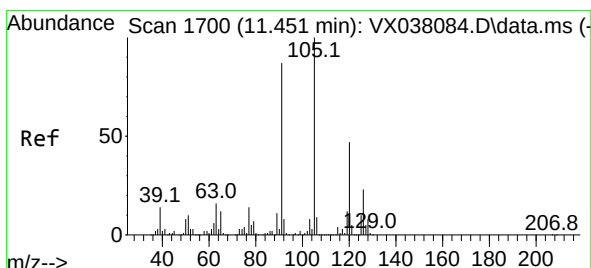
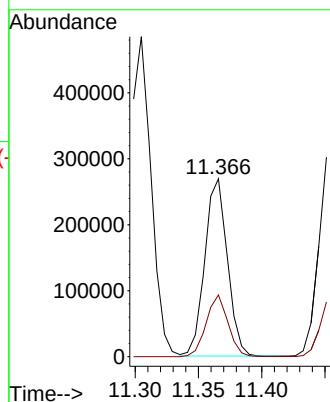
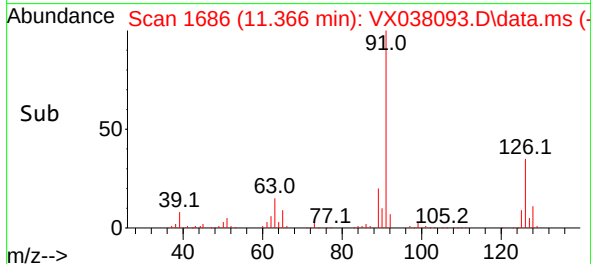
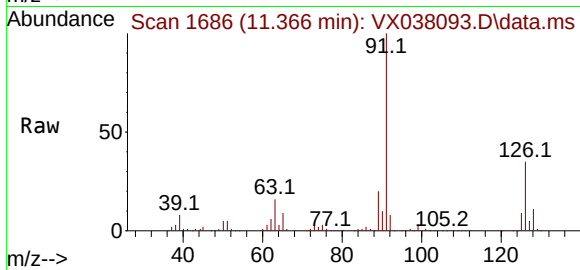
#79
2-Chlorotoluene
Concen: 49.092 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 33444
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

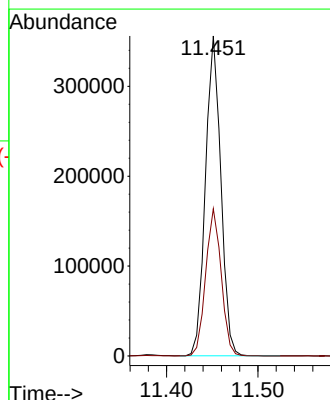
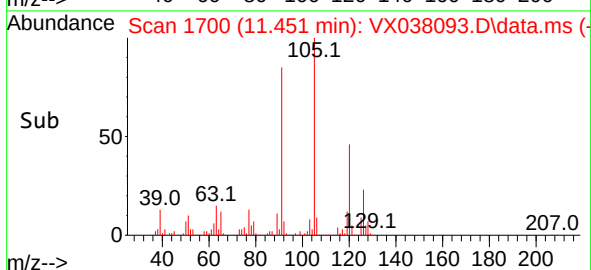
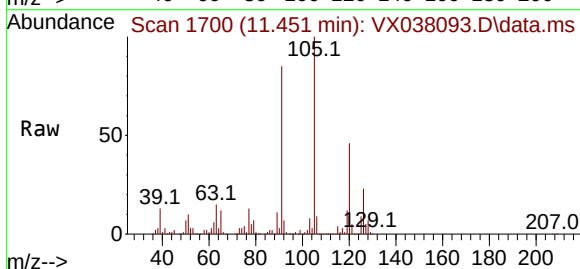
Manual Integrations
APPROVED

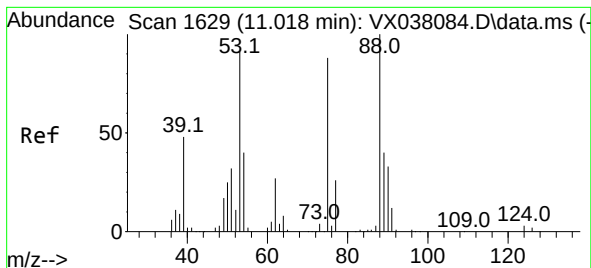
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.178 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Tgt Ion:105 Resp: 414803
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





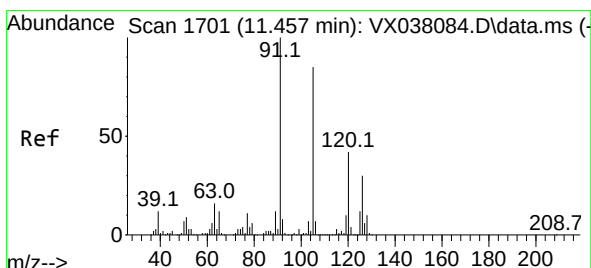
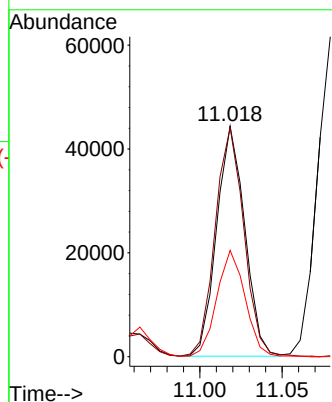
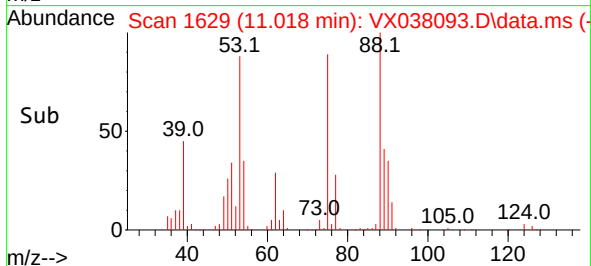
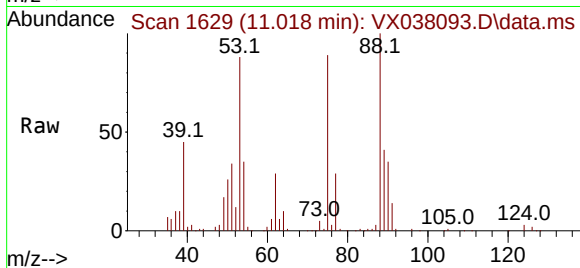
#81
trans-1,4-Dichloro-2-butene
Concen: 48.440 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 5268
Ion Ratio Lower Upper
75 100
53 102.1 90.5 135.7
89 46.7 36.9 55.3

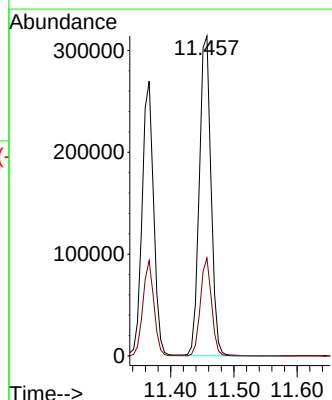
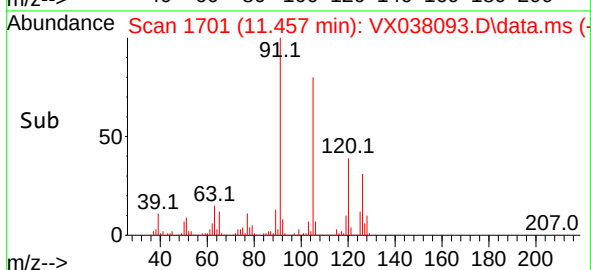
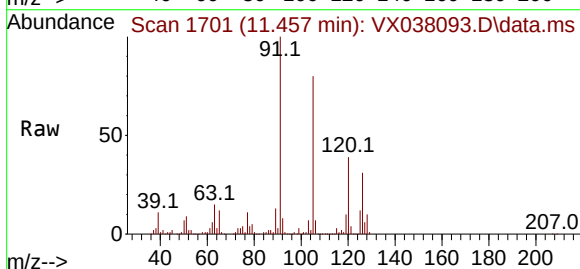
Manual Integrations
APPROVED

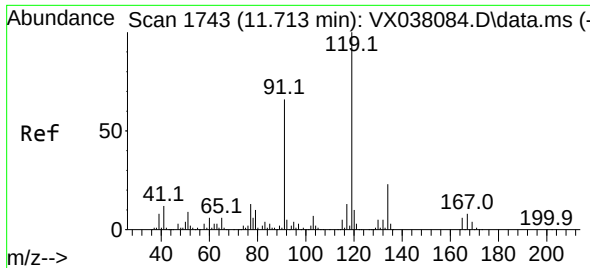
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#82
4-Chlorotoluene
Concen: 50.144 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

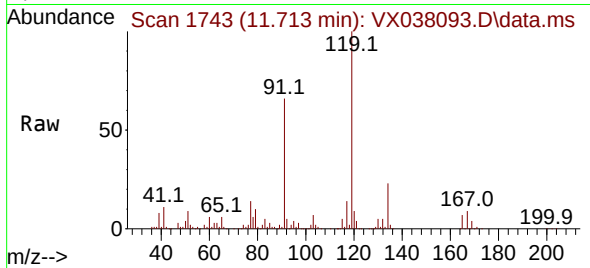
Tgt Ion: 91 Resp: 404235
Ion Ratio Lower Upper
91 100
126 29.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.656 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

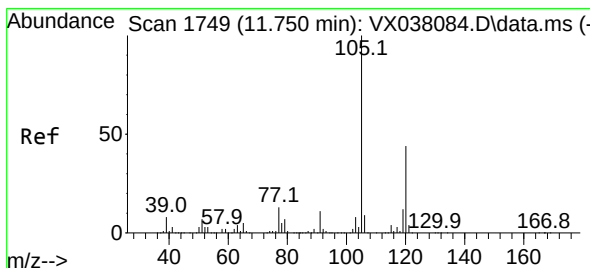
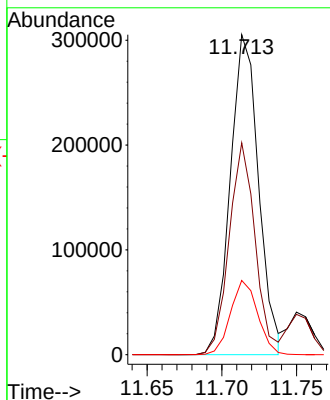
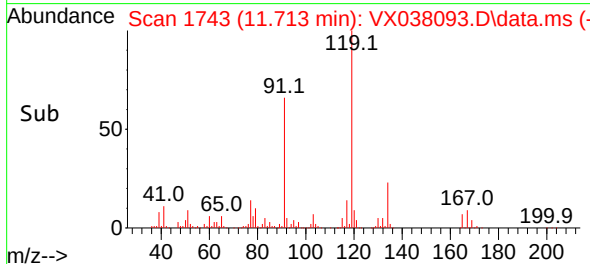
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



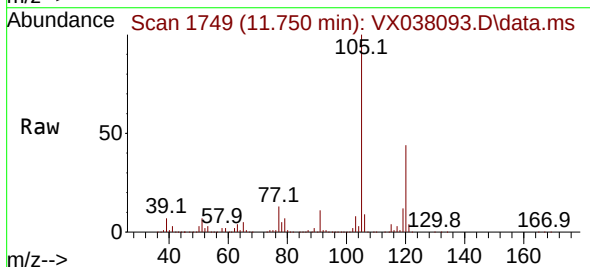
Tgt Ion:119 Resp: 401180
Ion Ratio Lower Upper
119 100
91 61.1 31.2 93.6
134 22.4 11.7 35.0

Manual Integrations
APPROVED

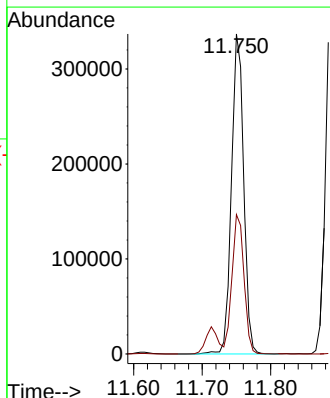
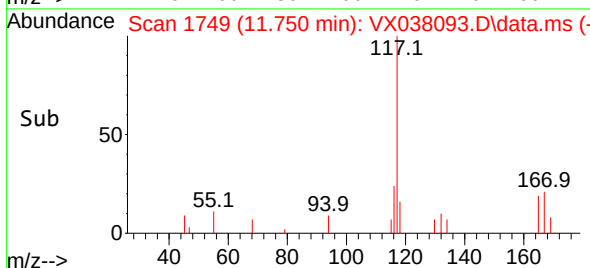
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

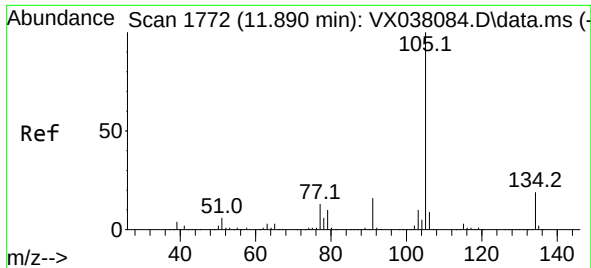


#84
1,2,4-Trimethylbenzene
Concen: 51.573 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08



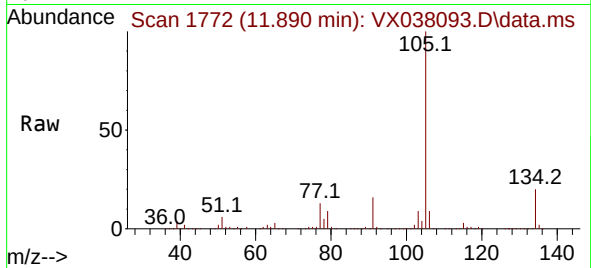
Tgt Ion:105 Resp: 416769
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.414 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038093.D
 Acq: 05 Oct 2023 11:08

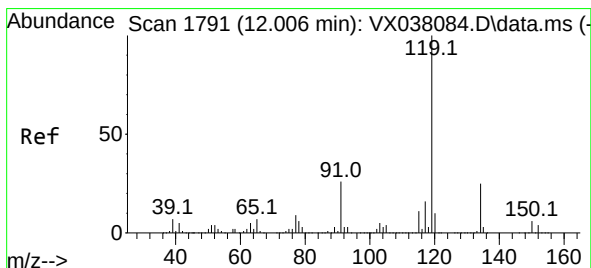
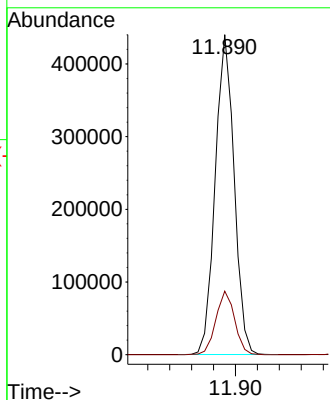
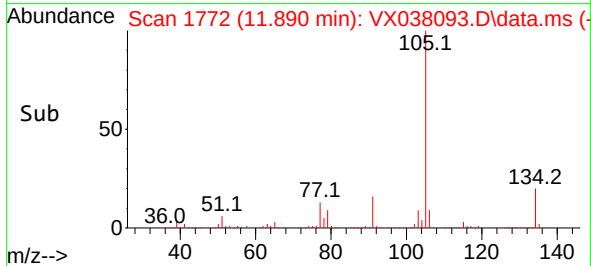
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



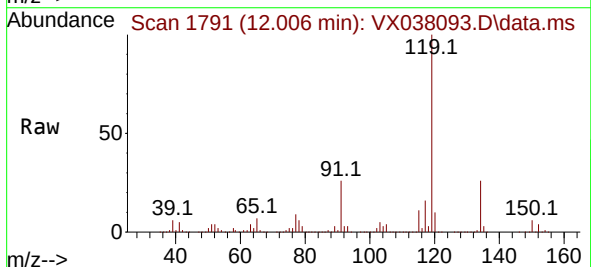
Tgt Ion:105 Resp: 527458
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

Manual Integrations
 APPROVED

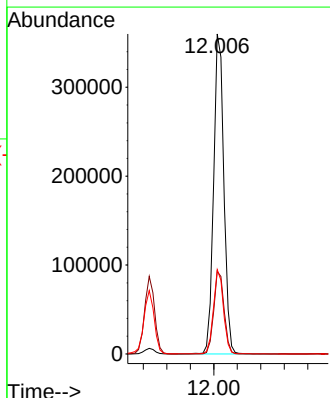
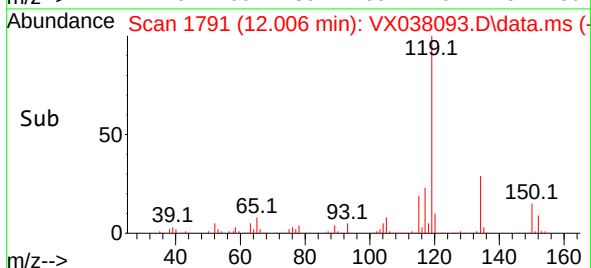
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/06/2023

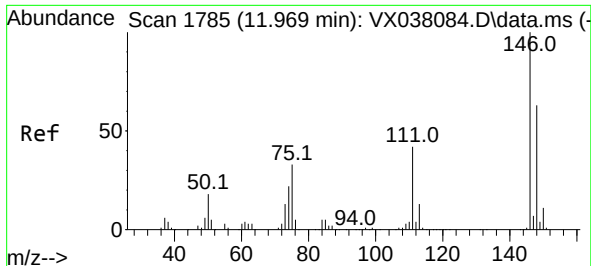


#86
 p-Isopropyltoluene
 Concen: 51.349 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038093.D
 Acq: 05 Oct 2023 11:08



Tgt Ion:119 Resp: 434626
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 25.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.374 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 227458

Ion Ratio Lower Upper

146 100

111 41.6 22.1 66.1

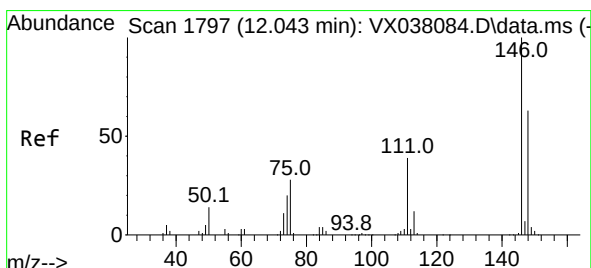
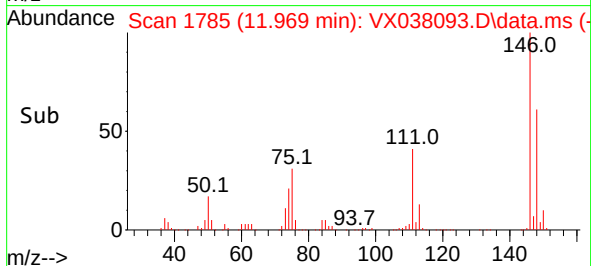
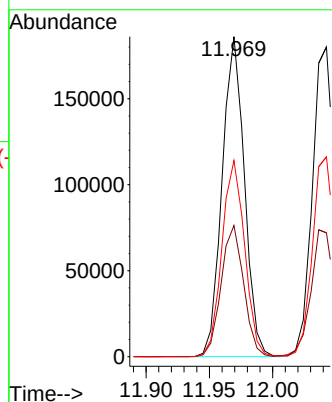
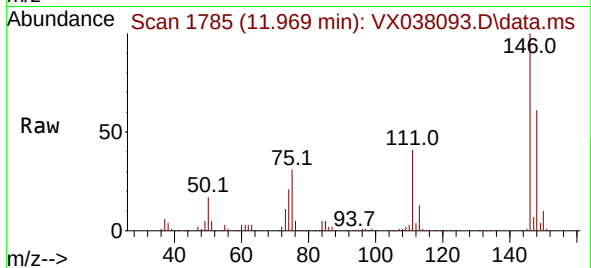
148 62.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#88

1,4-Dichlorobenzene

Concen: 48.229 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

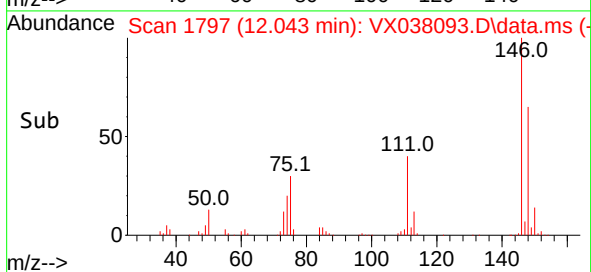
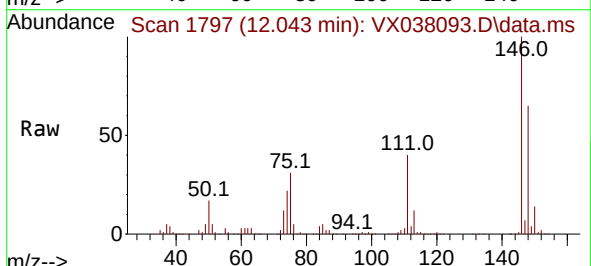
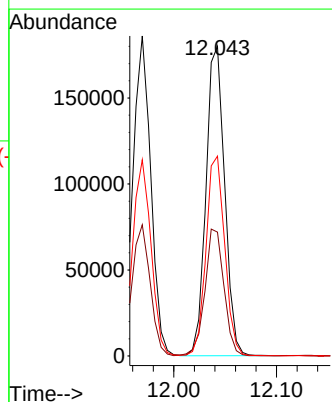
Tgt Ion:146 Resp: 226830

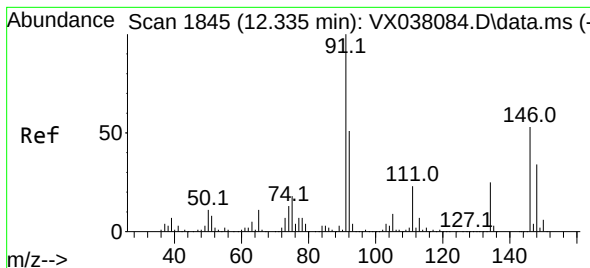
Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.7

148 65.0 31.8 95.4





#89

n-Butylbenzene

Concen: 51.106 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX038093.D

Acq: 05 Oct 2023 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 43080

Ion Ratio Lower Upper

91 100

92 50.8 27.4 82.0

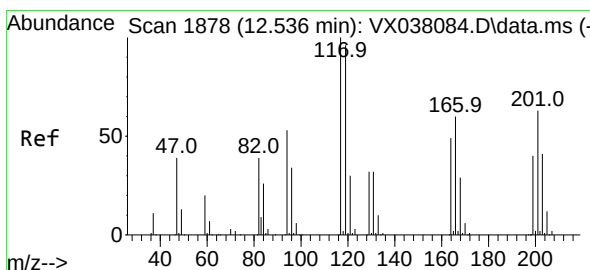
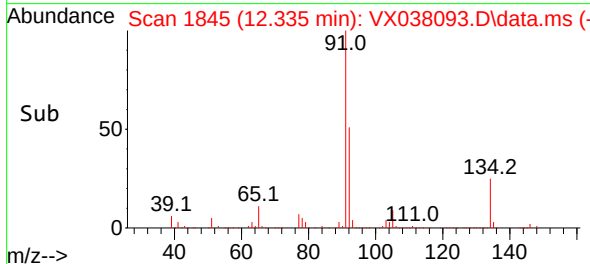
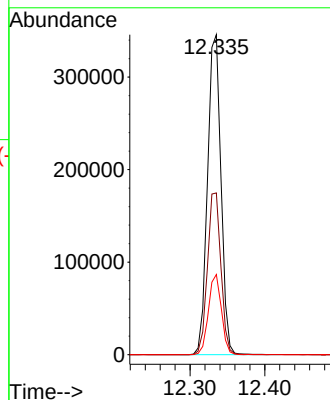
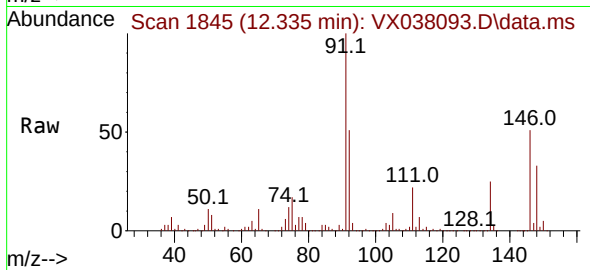
134 24.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/06/2023



#90

Hexachloroethane

Concen: 53.352 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038093.D

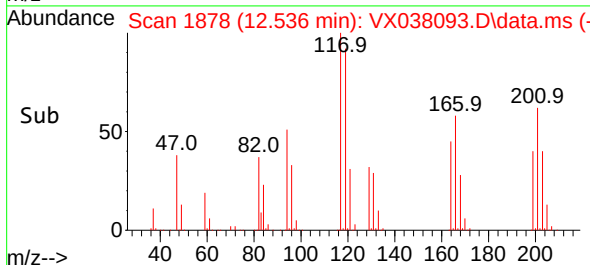
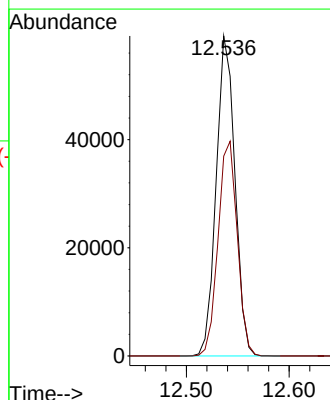
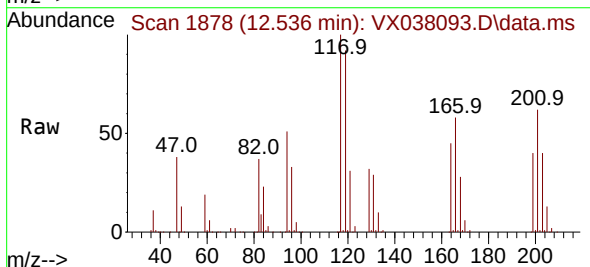
Acq: 05 Oct 2023 11:08

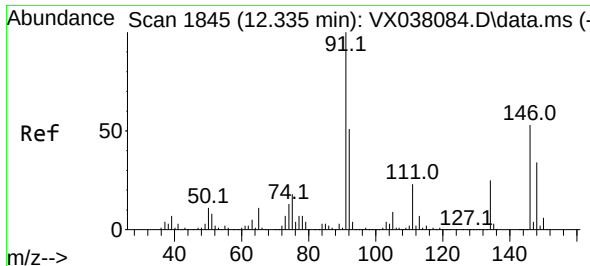
Tgt Ion:117 Resp: 74874

Ion Ratio Lower Upper

117 100

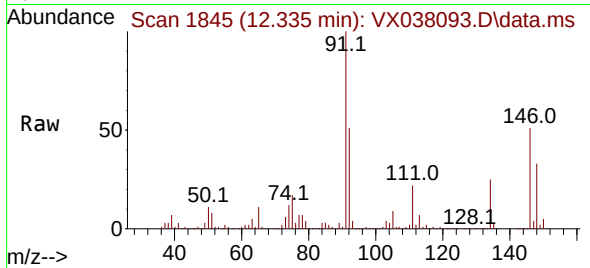
201 68.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.197 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

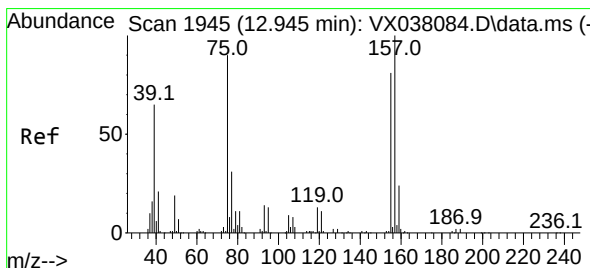
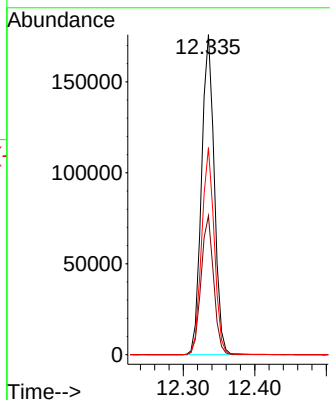
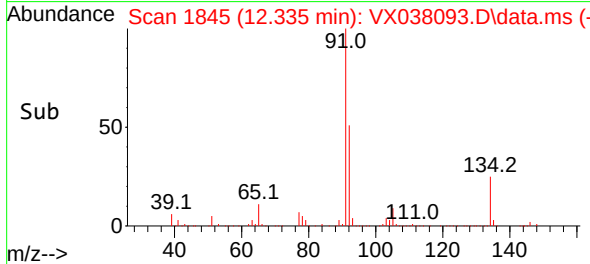
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



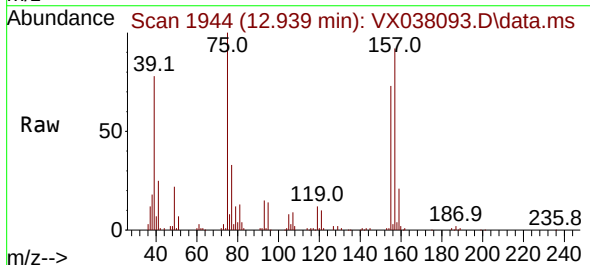
Tgt Ion:146 Resp: 217854
Ion Ratio Lower Upper
146 100
111 42.7 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

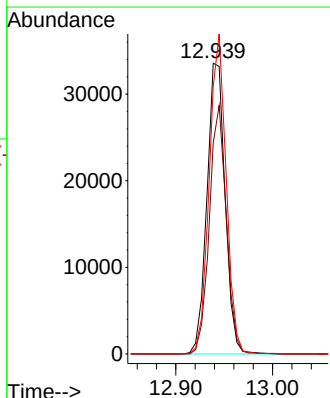
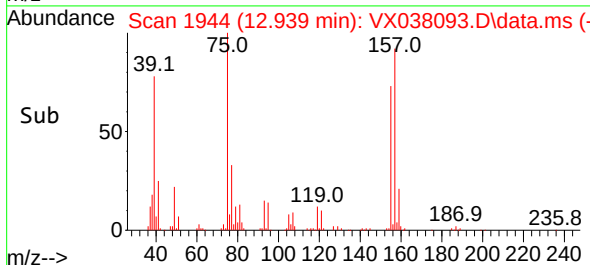
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023

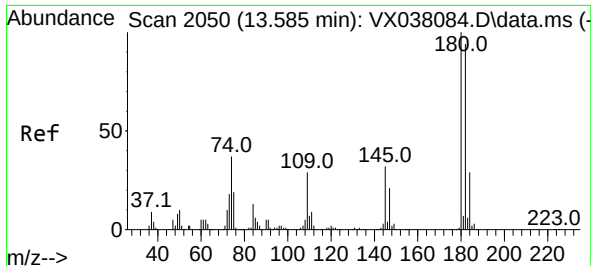


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.773 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08



Tgt Ion: 75 Resp: 43985
Ion Ratio Lower Upper
75 100
155 79.7 36.1 108.5
157 102.5 44.9 134.7





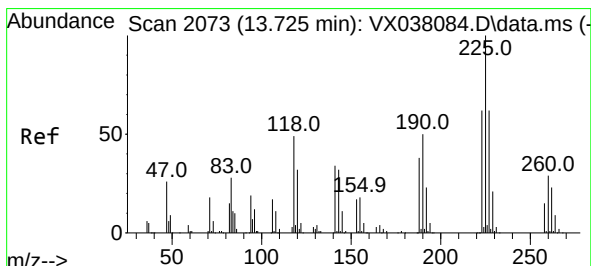
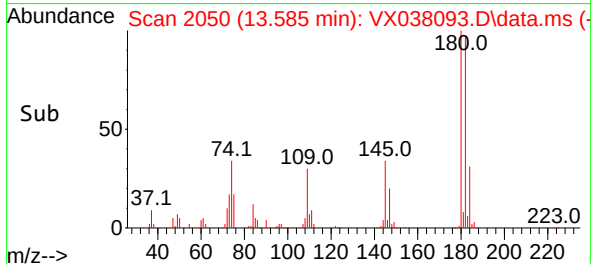
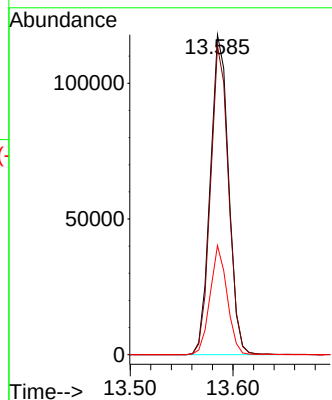
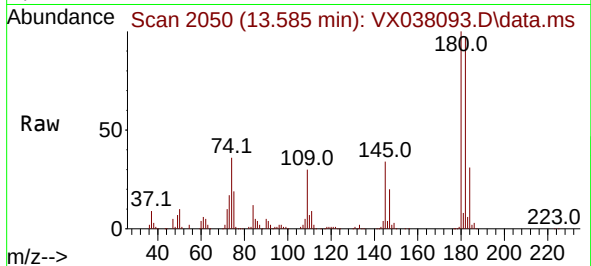
#93
1,2,4-Trichlorobenzene
Concen: 49.127 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 145912
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.8
145 31.7 18.0 54.0

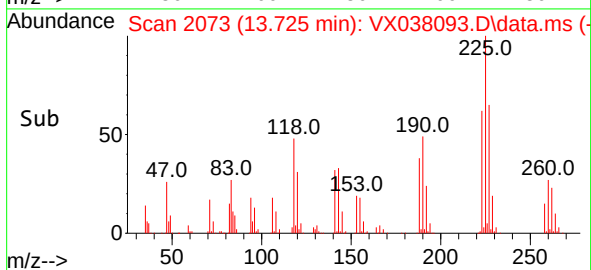
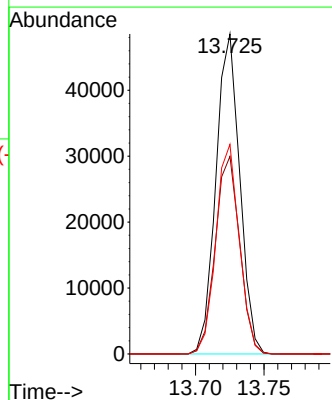
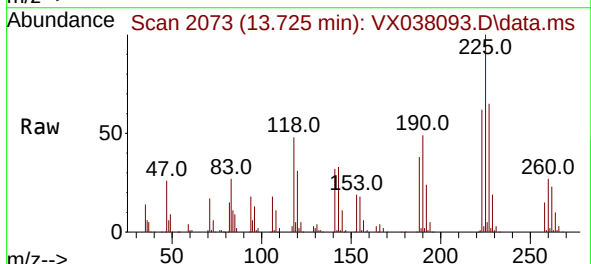
Manual Integrations
APPROVED

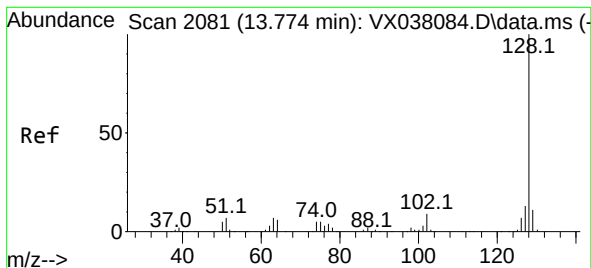
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#94
Hexachlorobutadiene
Concen: 49.094 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

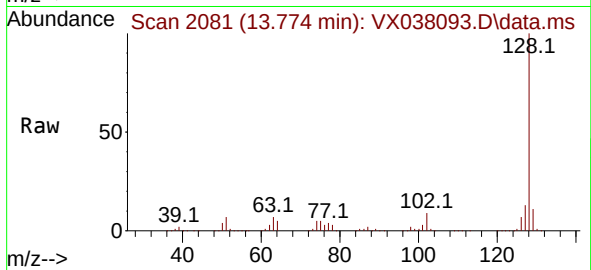
Tgt Ion:225 Resp: 58688
Ion Ratio Lower Upper
225 100
223 63.2 31.1 93.2
227 64.3 32.5 97.5





#95
Naphthalene
Concen: 49.625 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08

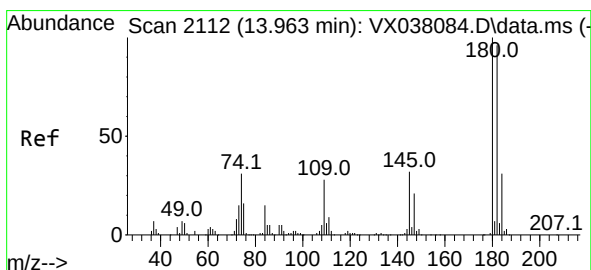
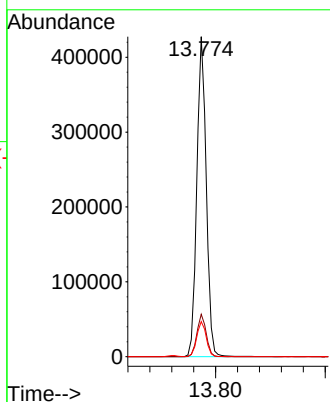
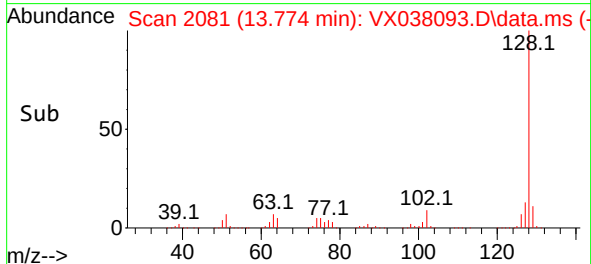
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



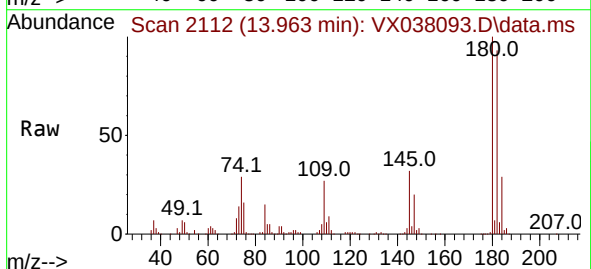
Tgt Ion:128 Resp: 513270
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.611 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038093.D
Acq: 05 Oct 2023 11:08



Tgt Ion:180 Resp: 142673
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.6
145 33.3 17.8 53.5

