

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038057.D
 Acq On : 04 Oct 2023 12:01
 Operator : JC/MD
 Sample : VX1004WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 05 00:59:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	126761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105458	53.468	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.940%			
35) Dibromofluoromethane	5.385	113	80180	53.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.940%			
50) Toluene-d8	8.647	98	306022	53.824	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.640%			
62) 4-Bromofluorobenzene	11.079	95	112952	54.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	31968	25.309	ug/l	100
3) Chloromethane	1.301	50	30436	18.303	ug/l	99
4) Vinyl Chloride	1.374	62	32791	21.849	ug/l	96
5) Bromomethane	1.605	94	31643	16.035	ug/l	97
6) Chloroethane	1.685	64	23609	20.955	ug/l	98
7) Trichlorofluoromethane	1.886	101	60571	20.461	ug/l	98
8) Diethyl Ether	2.136	74	21786	20.124	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	25953	20.136	ug/l	97
10) Methyl Iodide	2.453	142	32045	24.105	ug/l	95
11) Tert butyl alcohol	2.959	59	47934	108.192	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	24754	20.625	ug/l	90
13) Acrolein	2.233	56	27908	110.115	ug/l	99
14) Allyl chloride	2.666	41	43895	20.636	ug/l	94
15) Acrylonitrile	3.062	53	99352	107.893	ug/l	100
16) Acetone	2.380	43	95082	109.771	ug/l	95
17) Carbon Disulfide	2.514	76	66025	19.449	ug/l	100
18) Methyl Acetate	2.703	43	79305	21.296	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	95287	20.558	ug/l	99
20) Methylene Chloride	2.788	84	31321	19.631	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	29218	20.261	ug/l	90
22) Diisopropyl ether	3.764	45	92260	20.756	ug/l	93
23) Vinyl Acetate	3.721	43	344645	107.777	ug/l	98
24) 1,1-Dichloroethane	3.611	63	54602	20.239	ug/l	99
25) 2-Butanone	4.556	43	149064	109.153	ug/l	92
26) 2,2-Dichloropropane	4.477	77	45466	21.457	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	35225	20.950	ug/l	94
28) Bromochloromethane	4.898	49	27505	21.668	ug/l	92
29) Tetrahydrofuran	5.007	42	95029	107.895	ug/l	92
30) Chloroform	5.093	83	59896	20.381	ug/l	98
31) Cyclohexane	5.477	56	47013	20.384	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	51248	20.964	ug/l	99
36) 1,1-Dichloropropene	5.696	75	44203	20.189	ug/l	99
37) Ethyl Acetate	4.715	43	54578	22.196	ug/l	98
38) Carbon Tetrachloride	5.678	117	43623	20.475	ug/l	96
39) Methylcyclohexane	7.379	83	53102	20.521	ug/l	95
40) Benzene	6.044	78	126992	20.561	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25796	20.952	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	51407	21.224	ug/l	99
43) Isopropyl Acetate	6.342	43	81806	21.474	ug/l	99
44) Trichloroethene	7.129	130	33049	19.828	ug/l	95
45) 1,2-Dichloropropane	7.428	63	32674	20.781	ug/l	98
46) Dibromomethane	7.580	93	24789	20.358	ug/l	96
47) Bromodichloromethane	7.824	83	43738	20.632	ug/l	93
48) Methyl methacrylate	7.696	41	38456	20.995	ug/l	87
49) 1,4-Dioxane	7.659	88	19868	483.899	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	285984	108.050	ug/l	98
52) Toluene	8.720	92	82255	20.576	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	47477	21.262	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	50812	21.385	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	33878	20.870	ug/l	92
56) Ethyl methacrylate	9.116	69	51284	21.020	ug/l	95
57) 1,3-Dichloropropane	9.311	76	56974	20.872	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	136982	109.854	ug/l	98
59) 2-Hexanone	9.427	43	234966	110.973	ug/l	97
60) Dibromochloromethane	9.525	129	32874	21.044	ug/l	99
61) 1,2-Dibromoethane	9.610	107	36430	20.699	ug/l	98
64) Tetrachloroethene	9.275	164	27294	19.716	ug/l	97
65) Chlorobenzene	10.079	112	89333	20.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30122	20.682	ug/l	97
67) Ethyl Benzene	10.195	91	161784	20.591	ug/l	100
68) m/p-Xylenes	10.299	106	123946	41.193	ug/l	99
69) o-Xylene	10.640	106	59047	20.664	ug/l	98
70) Styrene	10.653	104	98639	20.900	ug/l	97
71) Bromoform	10.799	173	23510	21.234	ug/l #	99
73) Isopropylbenzene	10.963	105	159284	20.601	ug/l	98
74) N-amyl acetate	10.842	43	71703	20.606	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	61135	21.125	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	49073m	18.594	ug/l	
77) Bromobenzene	11.195	156	38139	20.120	ug/l	94
78) n-propylbenzene	11.305	91	195017	20.527	ug/l	99
79) 2-Chlorotoluene	11.366	91	111209	20.159	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	134115	20.381	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15955	20.417	ug/l	99
82) 4-Chlorotoluene	11.457	91	133329	20.052	ug/l	99
83) tert-Butylbenzene	11.713	119	131742	20.138	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	137653	20.740	ug/l	100
85) sec-Butylbenzene	11.890	105	175909	20.734	ug/l	99
86) p-Isopropyltoluene	12.012	119	144533	20.802	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	75318	19.815	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	76343	19.243	ug/l	99
89) n-Butylbenzene	12.335	91	141257	20.371	ug/l	95
90) Hexachloroethane	12.536	117	22205	19.609	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	73345	20.276	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14438	21.923	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	49731	19.820	ug/l	95
94) Hexachlorobutadiene	13.725	225	20688	19.322	ug/l	99
95) Naphthalene	13.774	128	171628	20.291	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47832	19.712	ug/l	98

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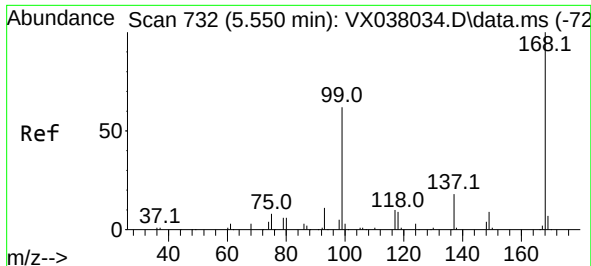
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/05/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

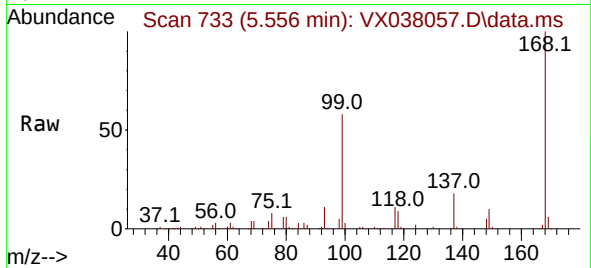
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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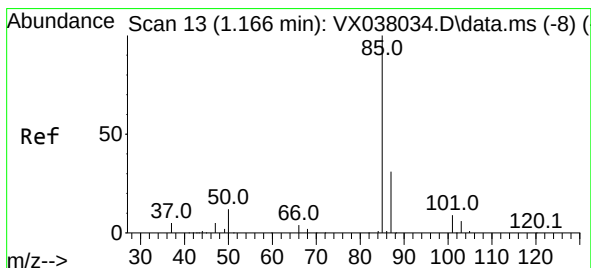
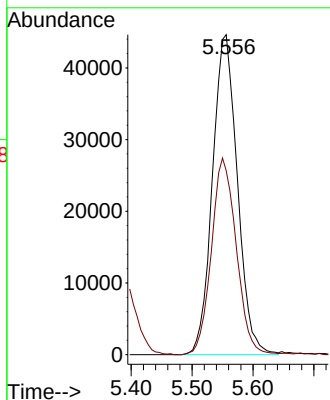
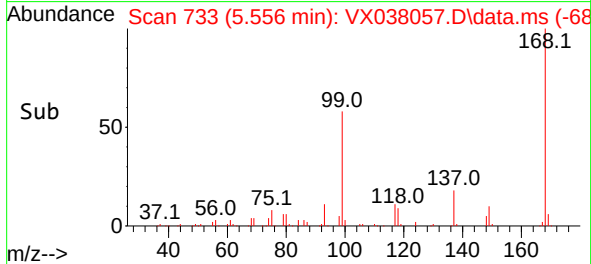
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



Tgt Ion:168 Resp: 12676
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0

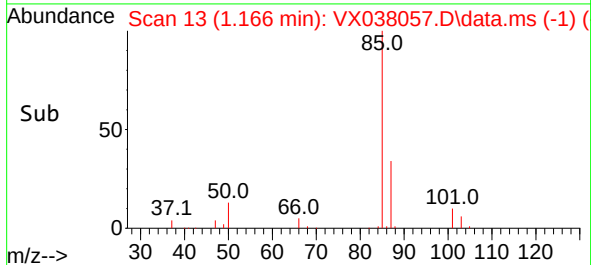
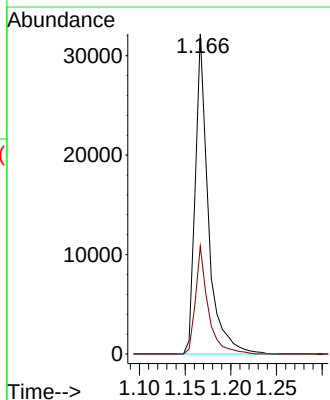
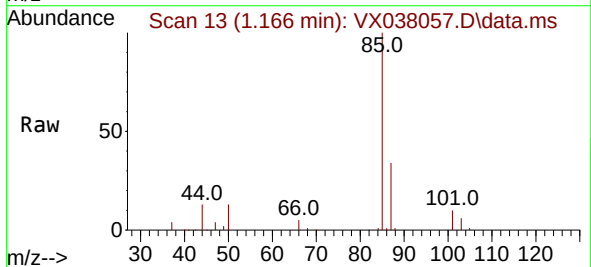
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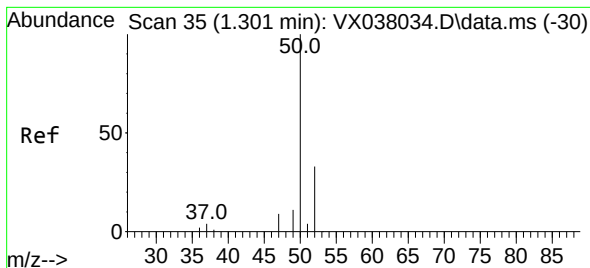
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#2
Dichlorodifluoromethane
Concen: 25.309 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Tgt Ion: 85 Resp: 31968
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.1





#3

Chloromethane

Concen: 18.303 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tgt Ion: 50 Resp: 30430

Ion Ratio Lower Upper

50 100

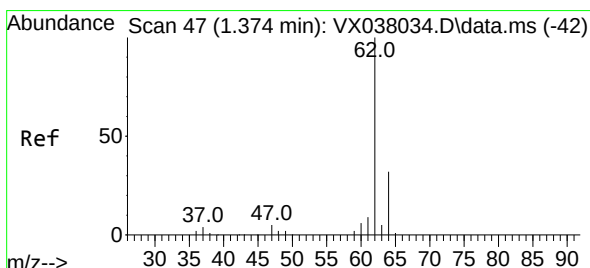
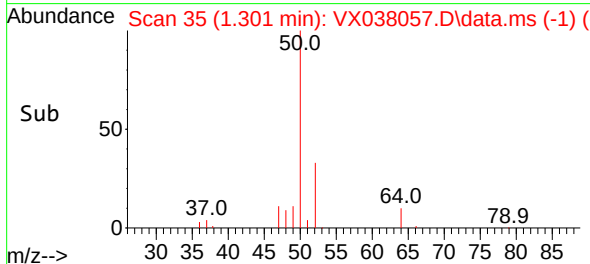
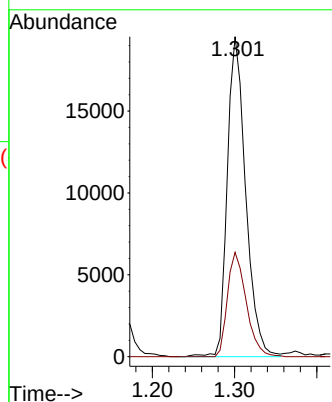
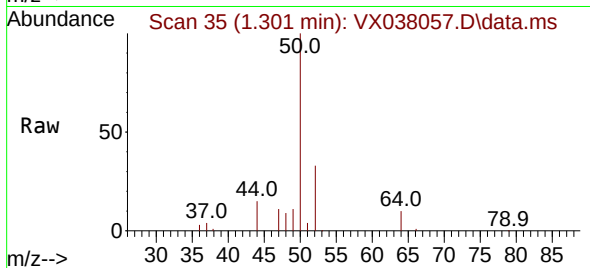
52 32.6 25.5 38.3

Manual Integrations

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Supervised By :Mahesh Dadoda 10/05/2023



#4

Vinyl Chloride

Concen: 21.849 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038057.D

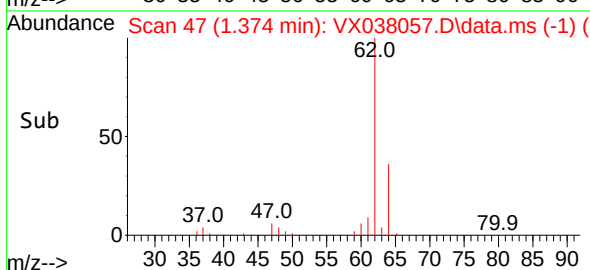
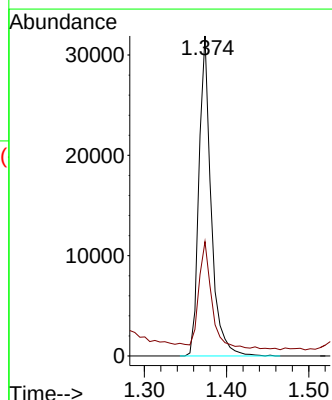
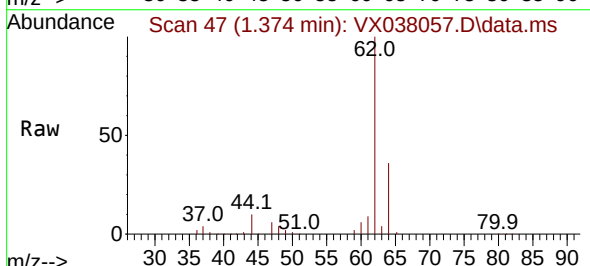
Acq: 04 Oct 2023 12:01

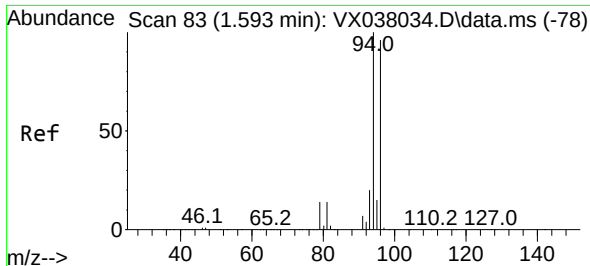
Tgt Ion: 62 Resp: 32791

Ion Ratio Lower Upper

62 100

64 33.8 25.4 38.0





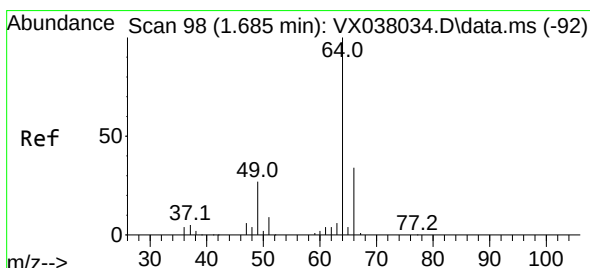
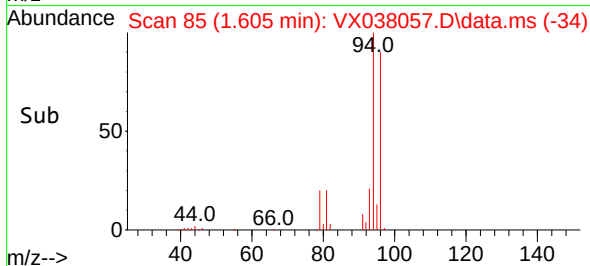
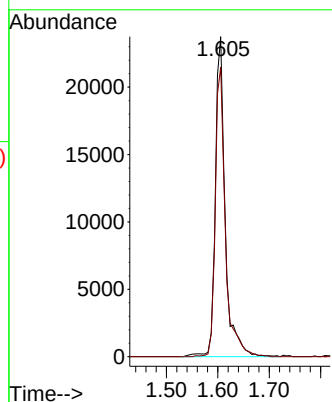
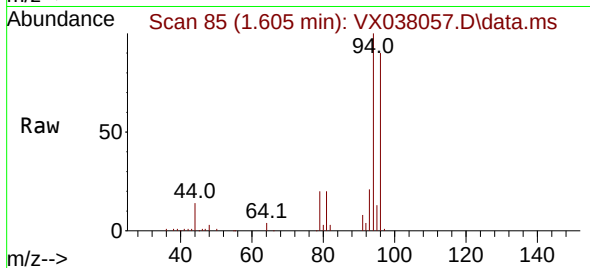
#5
Bromomethane
Concen: 16.035 ug/l
RT: 1.605 min Scan# 83
Delta R.T. 0.012 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Instrument :
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Tgt Ion: 94 Resp: 3164
Ion Ratio Lower Upper
94 100
96 90.5 74.6 111.8

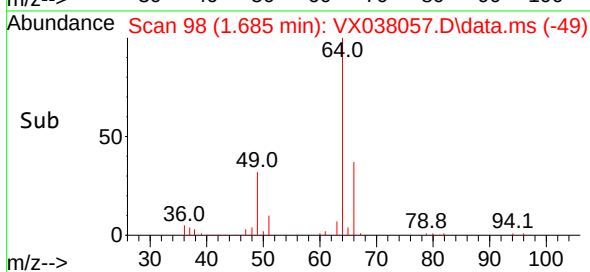
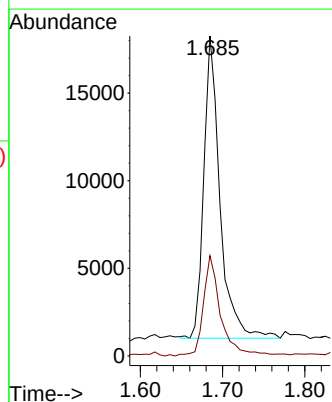
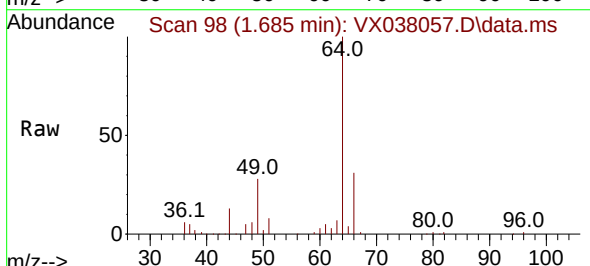
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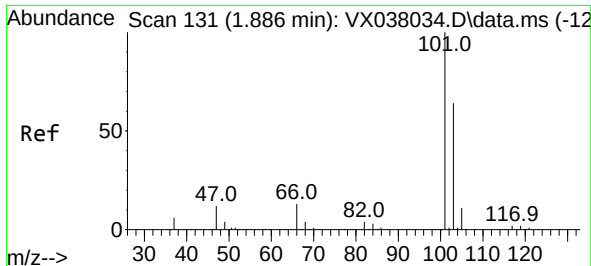
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#6
Chloroethane
Concen: 20.955 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

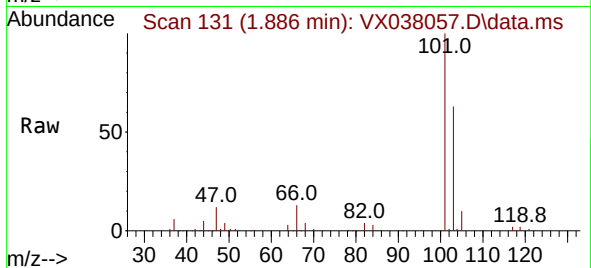
Tgt Ion: 64 Resp: 23609
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 20.461 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

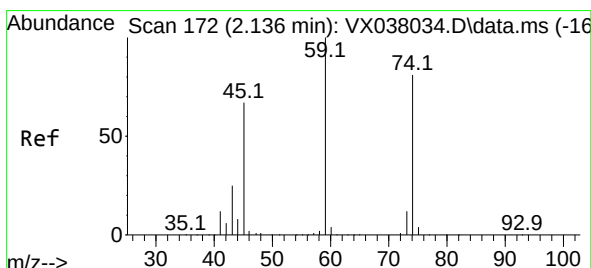
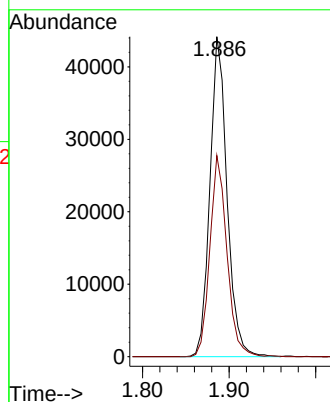
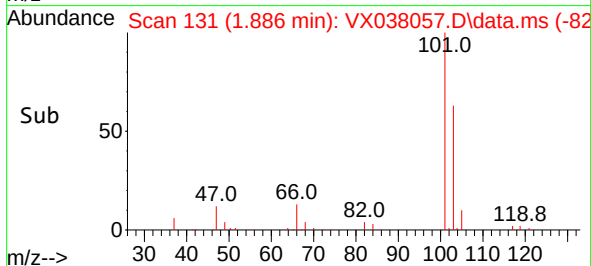
Instrument :
MSVOA_X
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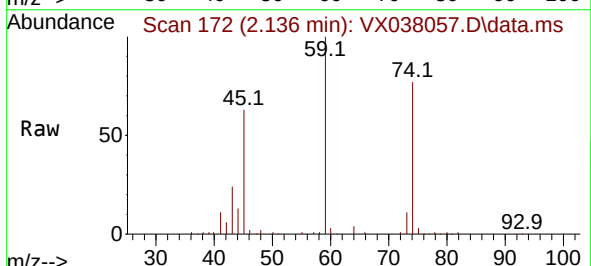
Tgt Ion:101 Resp: 6057
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.2

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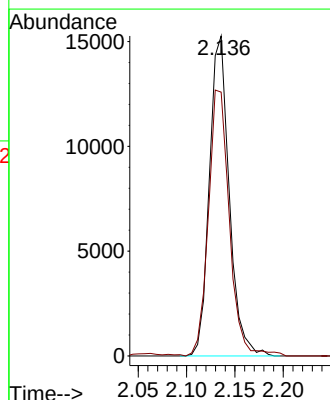
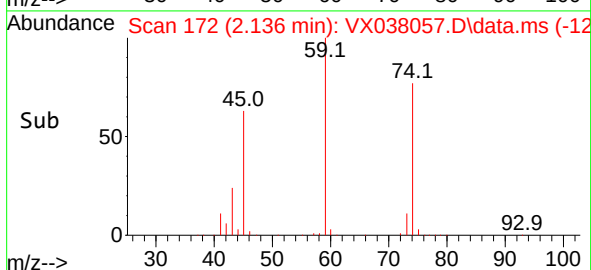
Reviewed By :John Carlone 10/05/2023
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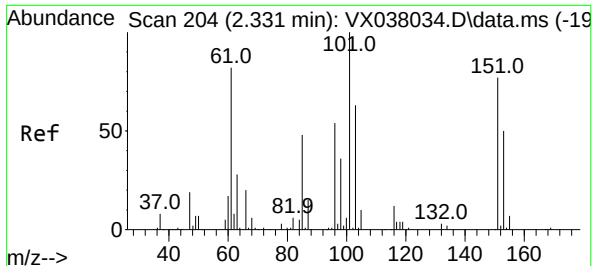


#8
Diethyl Ether
Concen: 20.124 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01



Tgt Ion: 74 Resp: 21786
Ion Ratio Lower Upper
74 100
45 88.0 53.3 159.8





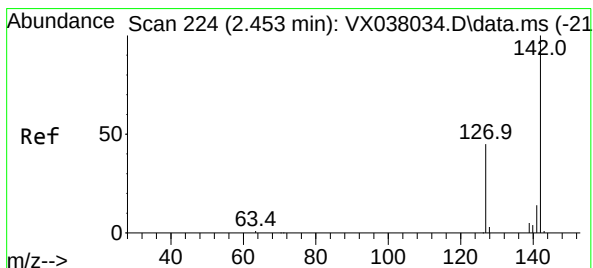
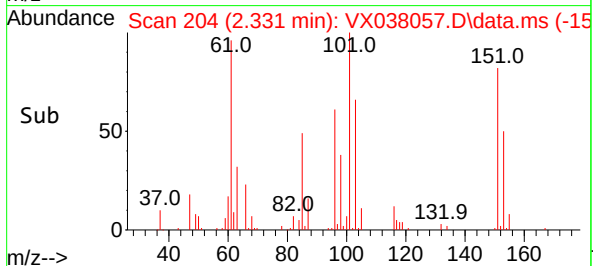
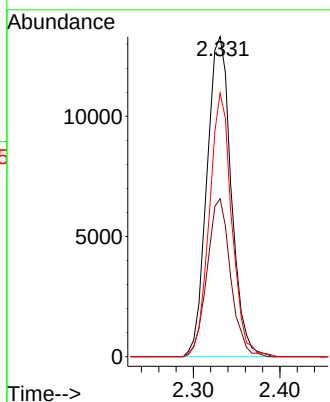
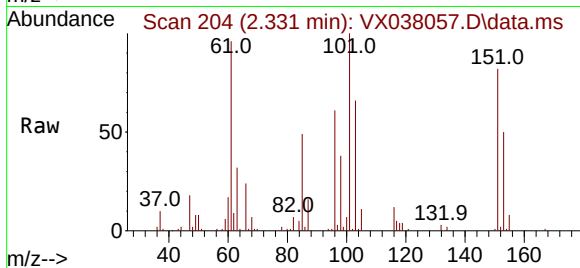
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1,1,2-Trichlorotrifluoroethane
Concen: 20.136 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038057.D
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Instrument :
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ClientSampleId :
VX1004WBS01

Tgt Ion:101 Resp: 2595
Ion Ratio Lower Upper
101 100
85 47.8 37.0 55.6
151 76.3 58.6 87.8

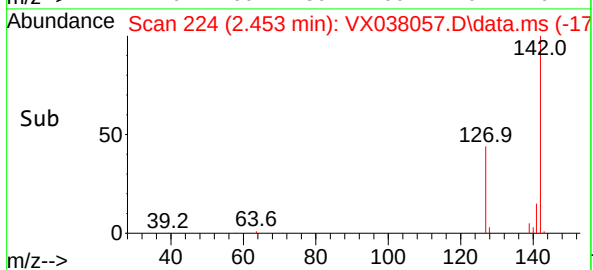
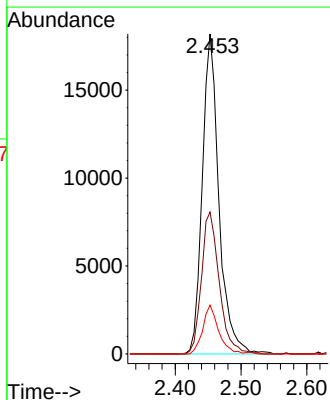
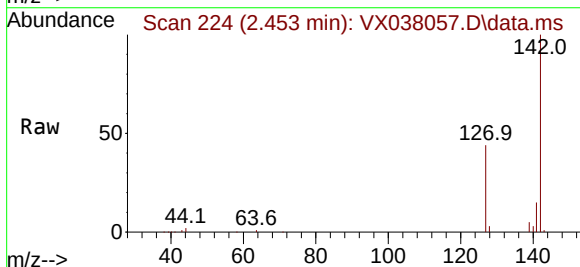
Manual Integrations
APPROVED

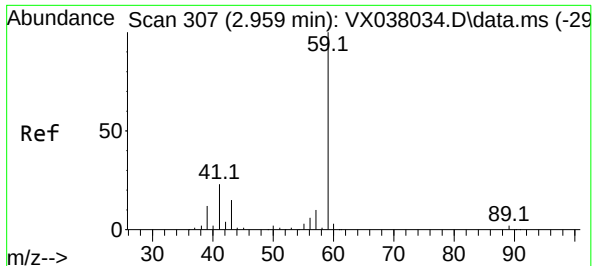
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#10
Methyl Iodide
Concen: 24.105 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Tgt Ion:142 Resp: 32045
Ion Ratio Lower Upper
142 100
127 47.3 41.6 62.4
141 14.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 108.192 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tgt Ion: 59 Resp: 47934

Ion Ratio Lower Upper

59 100

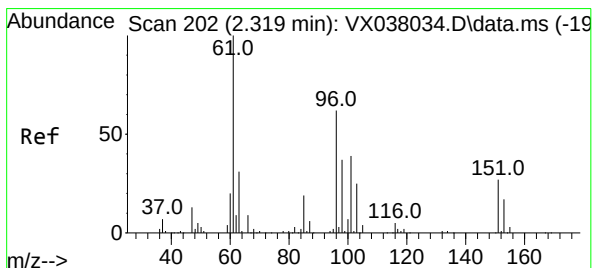
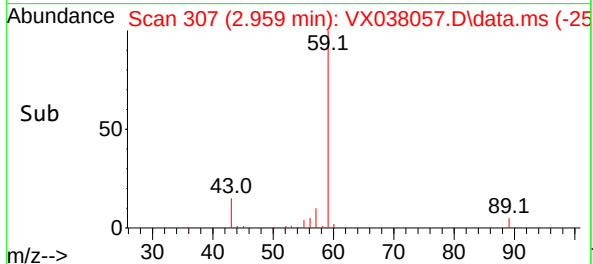
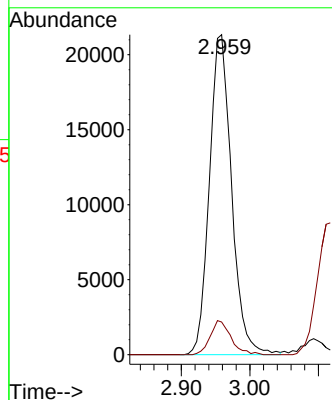
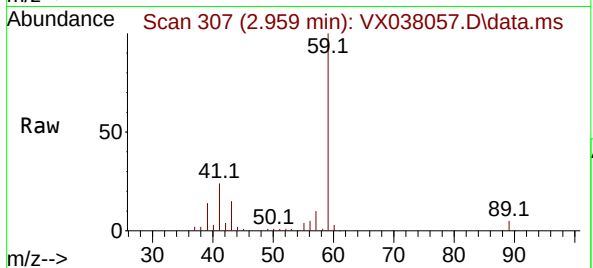
57 10.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#12

1,1-Dichloroethene

Concen: 20.625 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

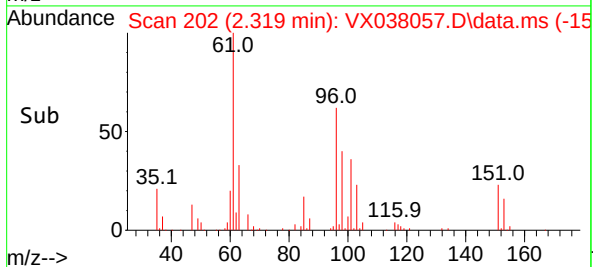
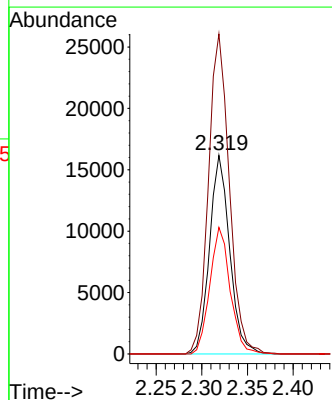
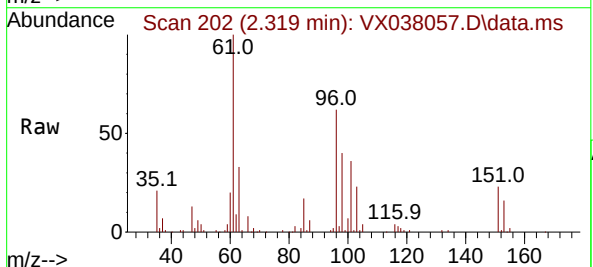
Tgt Ion: 96 Resp: 24754

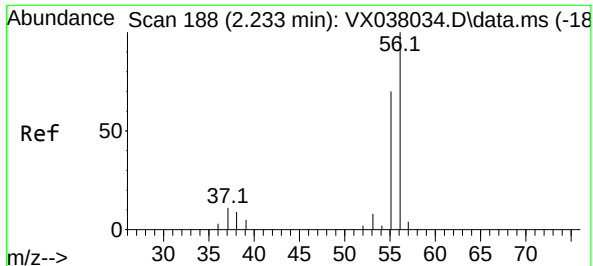
Ion Ratio Lower Upper

96 100

61 161.1 144.6 216.8

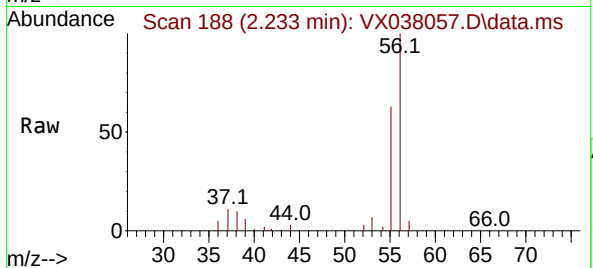
98 63.7 50.4 75.6





#13
Acrolein
Concen: 110.115 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

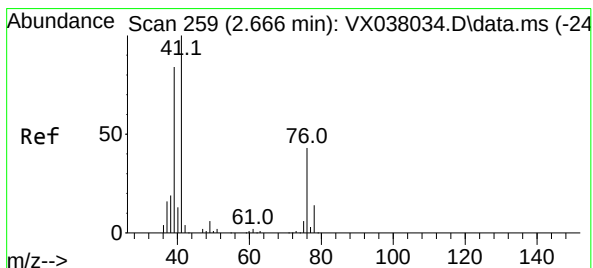
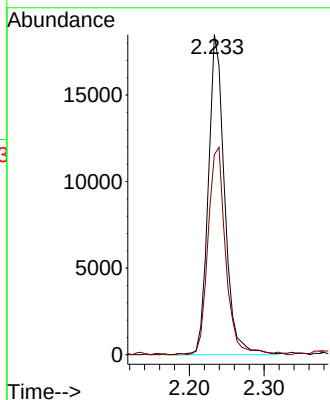
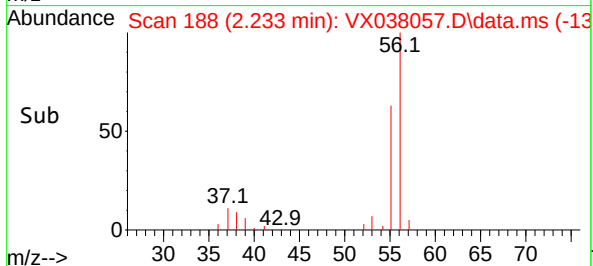
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



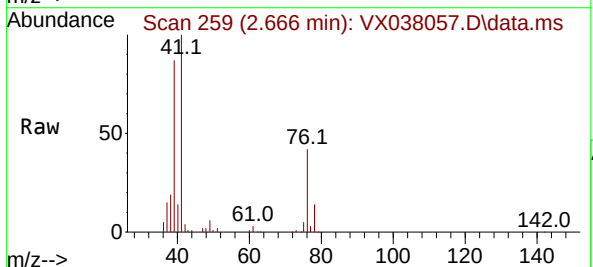
Tgt Ion: 56 Resp: 27908
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

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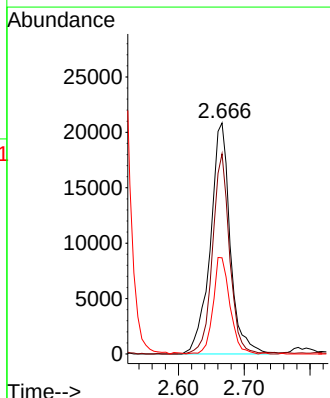
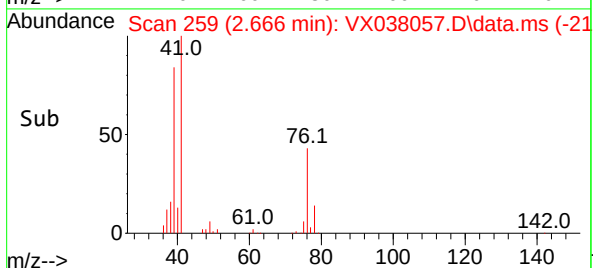
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

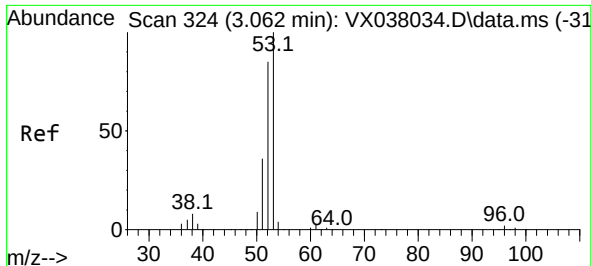


#14
Allyl chloride
Concen: 20.636 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01



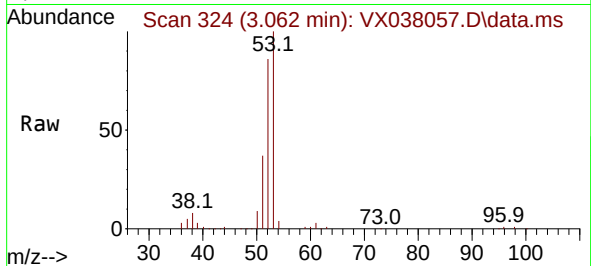
Tgt Ion: 41 Resp: 43895
Ion Ratio Lower Upper
41 100
39 74.1 55.8 83.6
76 35.2 24.3 36.5





#15
Acrylonitrile
Concen: 107.893 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

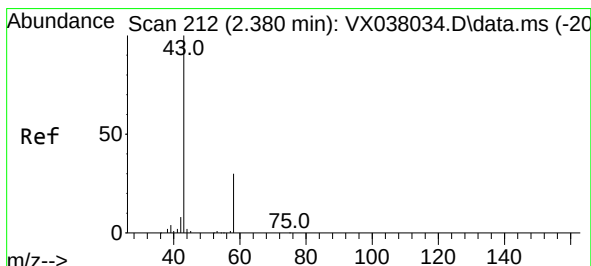
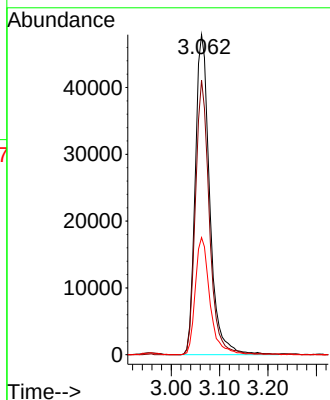
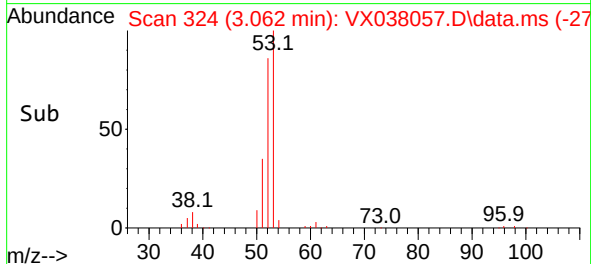
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



Tgt Ion: 53 Resp: 99352
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 37.1 29.8 44.6

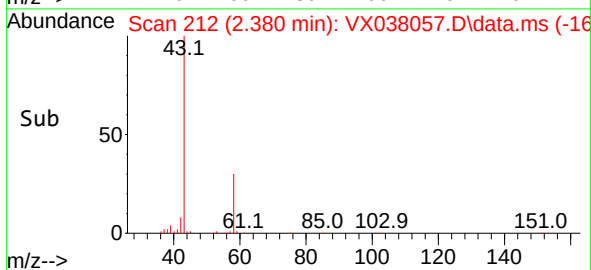
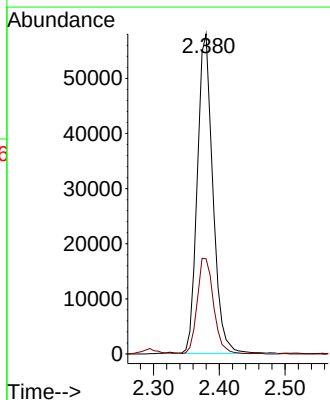
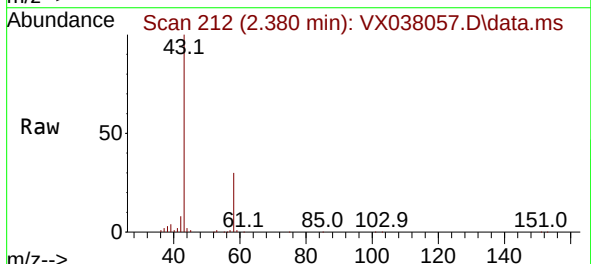
Manual Integrations
APPROVED

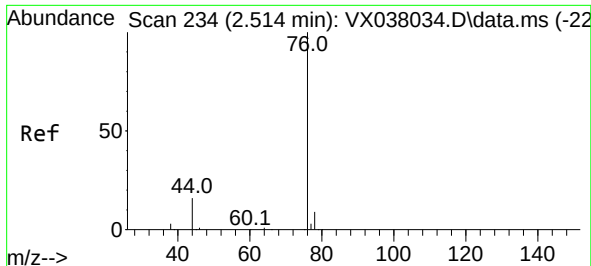
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#16
Acetone
Concen: 109.771 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

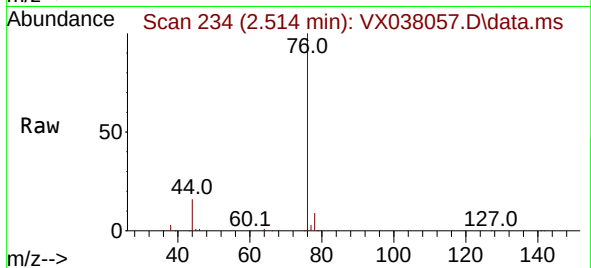
Tgt Ion: 43 Resp: 95082
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9





#17
Carbon Disulfide
Concen: 19.449 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

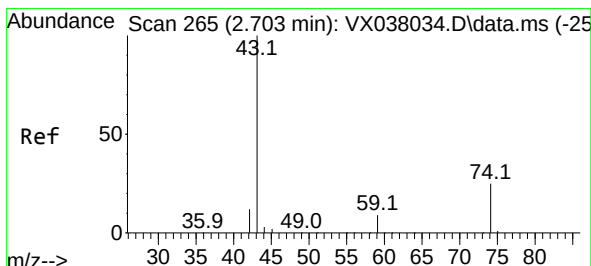
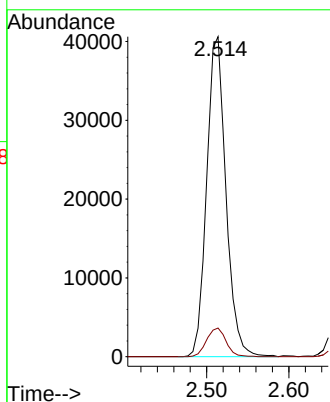
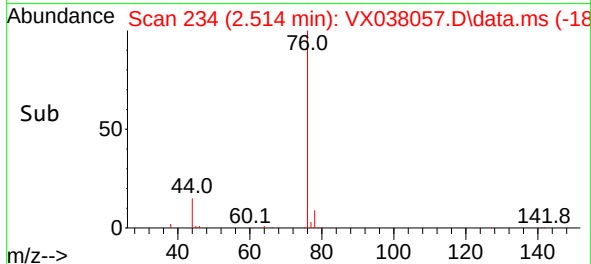
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



Tgt Ion: 76 Resp: 66025
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

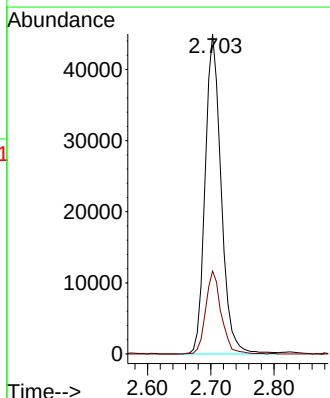
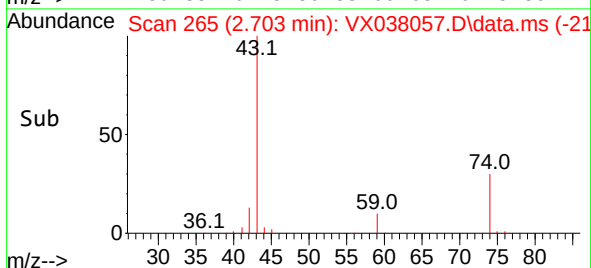
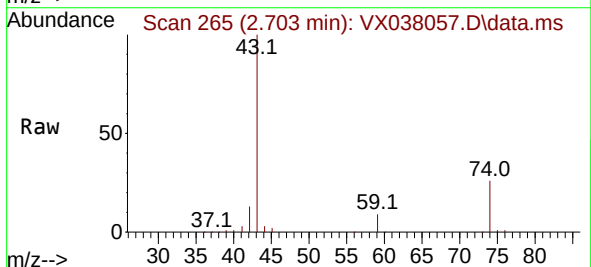
Manual Integrations
APPROVED

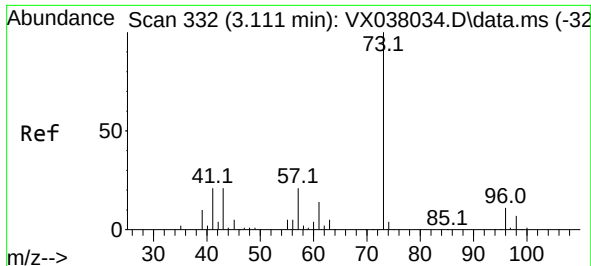
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#18
Methyl Acetate
Concen: 21.296 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Tgt Ion: 43 Resp: 79305
Ion Ratio Lower Upper
43 100
74 25.1 17.8 26.8





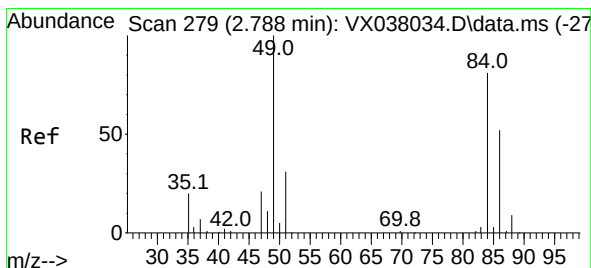
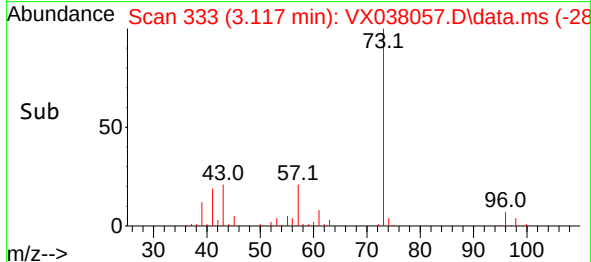
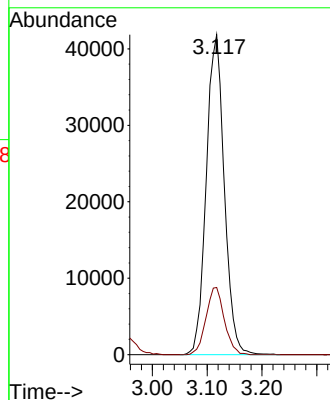
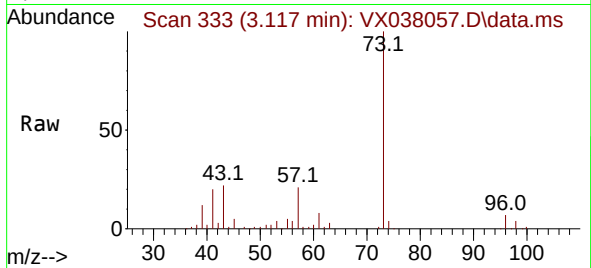
#19
Methyl tert-butyl Ether
Concen: 20.558 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion: 73 Resp: 9528
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

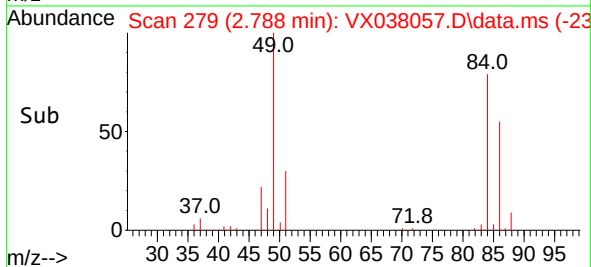
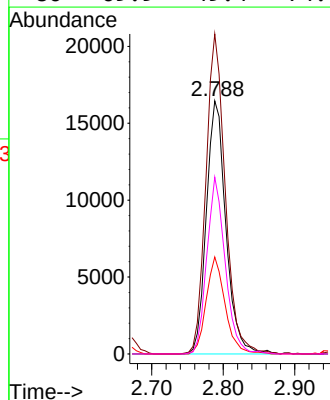
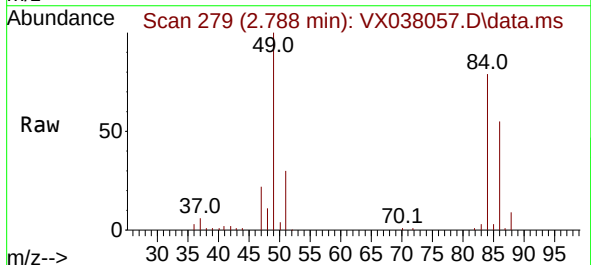
Manual Integrations
APPROVED

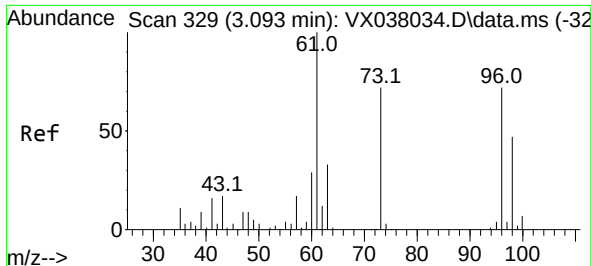
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#20
Methylene Chloride
Concen: 19.631 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

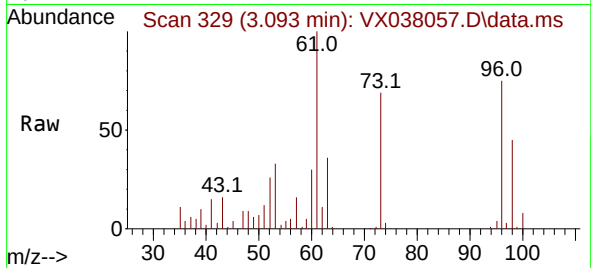
Tgt Ion: 84 Resp: 31321
Ion Ratio Lower Upper
84 100
49 126.4 103.6 155.4
51 38.3 33.8 50.6
86 69.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.261 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

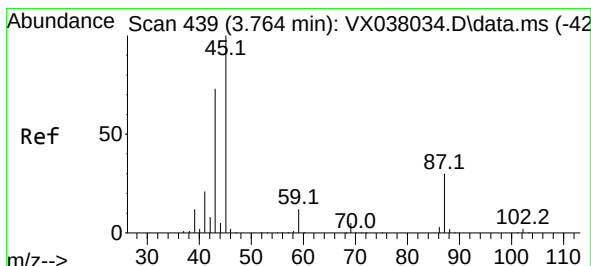
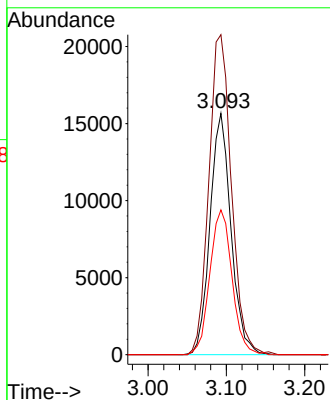
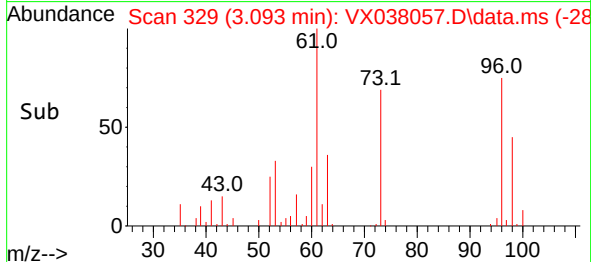
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



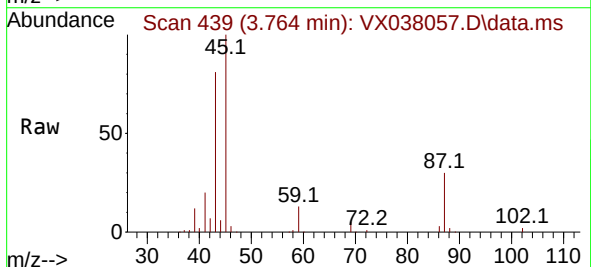
Tgt Ion: 96 Resp: 29218
Ion Ratio Lower Upper
96 100
61 132.6 119.2 178.8
98 60.0 48.7 73.1

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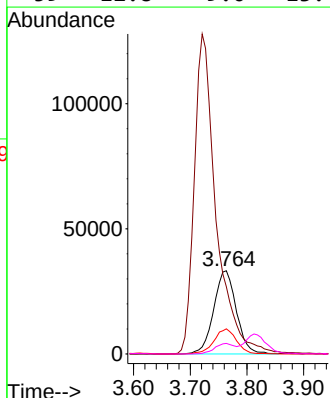
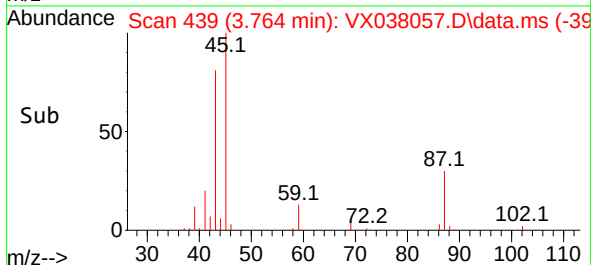
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

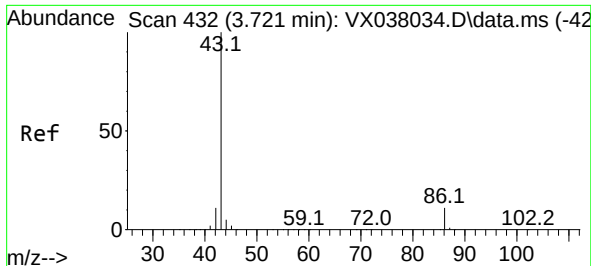


#22
Diisopropyl ether
Concen: 20.756 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01



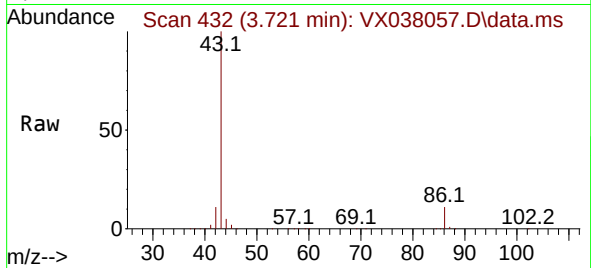
Tgt Ion: 45 Resp: 92260
Ion Ratio Lower Upper
45 100
43 80.0 69.7 104.5
87 30.2 20.8 31.2
59 12.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 107.777 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038057.D
 Acq: 04 Oct 2023 12:01

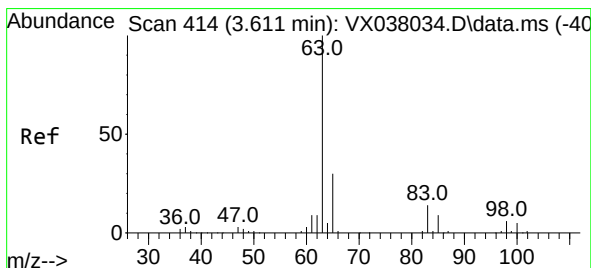
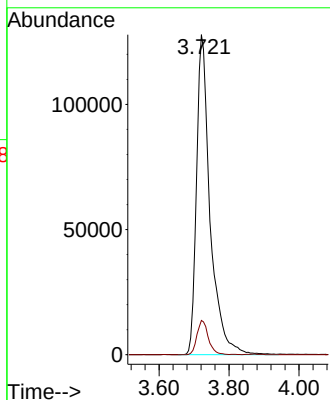
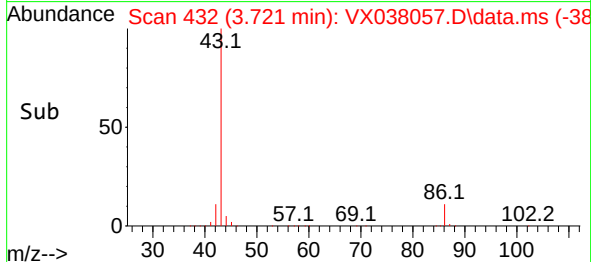
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01



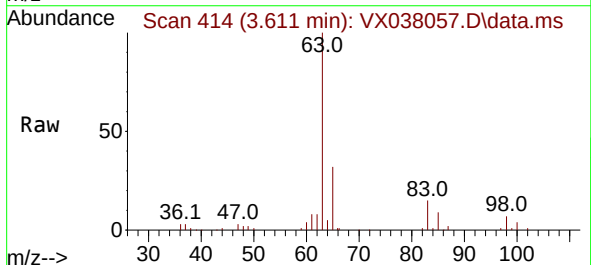
Tgt Ion: 43 Resp: 344649
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

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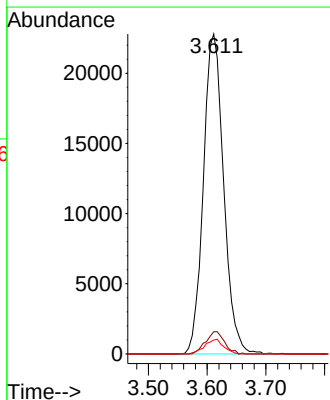
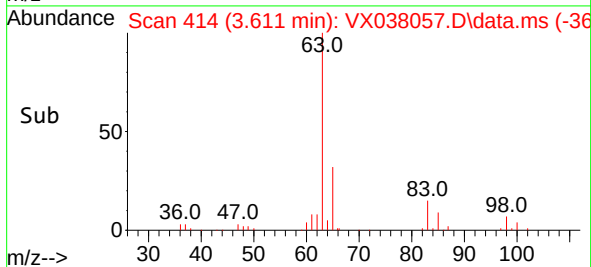
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

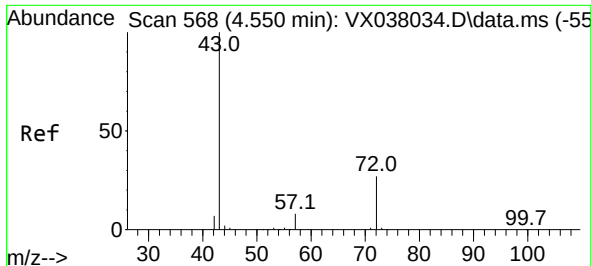


#24
 1,1-Dichloroethane
 Concen: 20.239 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038057.D
 Acq: 04 Oct 2023 12:01



Tgt Ion: 63 Resp: 54602
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.4 2.1 6.5





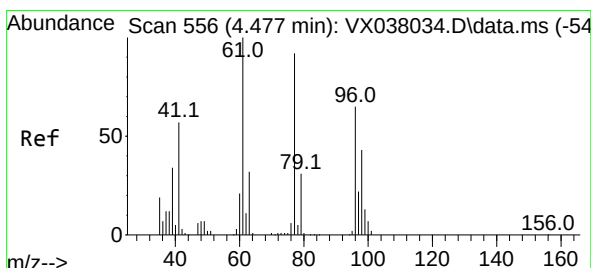
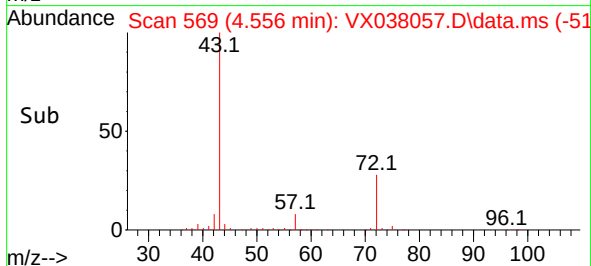
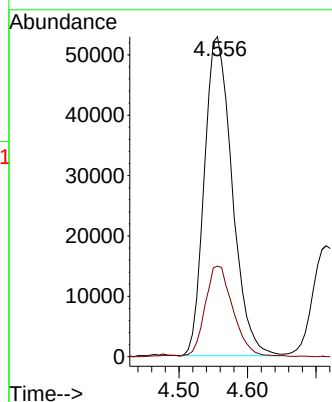
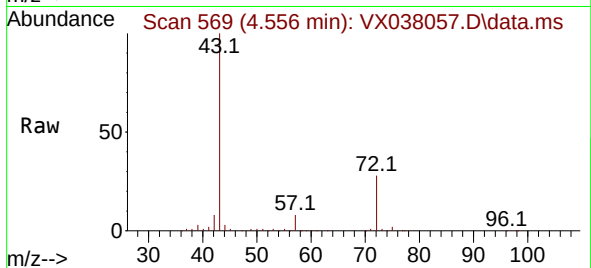
#25
2-Butanone
Concen: 109.153 ug/l
RT: 4.556 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion: 43 Resp: 149064
Ion Ratio Lower Upper
43 100
72 28.3 19.4 29.2

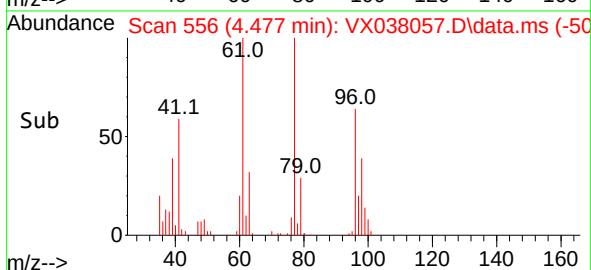
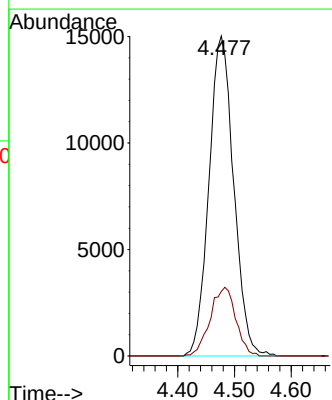
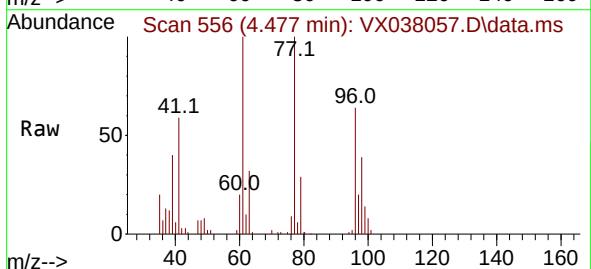
Manual Integrations
APPROVED

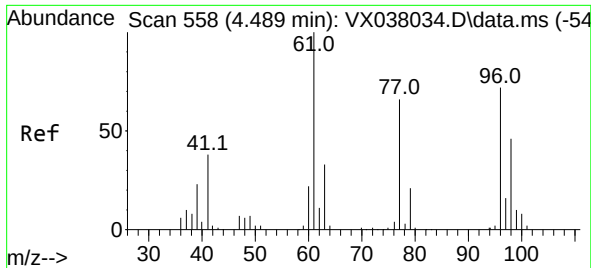
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#26
2,2-Dichloropropane
Concen: 21.457 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Tgt Ion: 77 Resp: 45466
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.950 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tgt Ion: 96 Resp: 3522

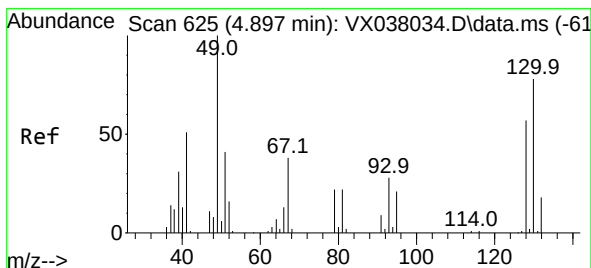
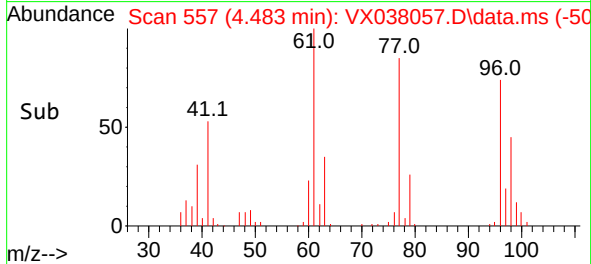
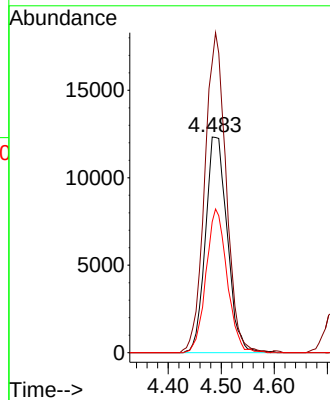
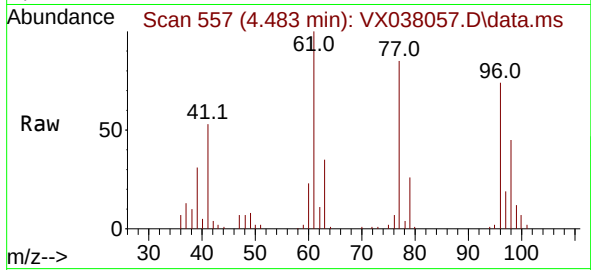
Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	312.2
98	64.3	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#28

Bromochloromethane

Concen: 21.668 ug/l

RT: 4.898 min Scan# 625

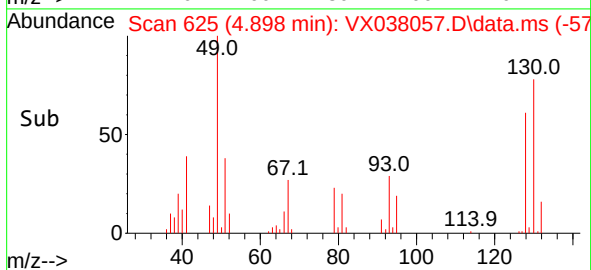
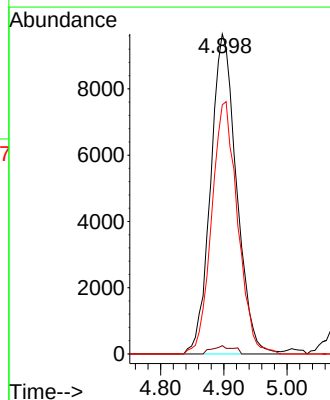
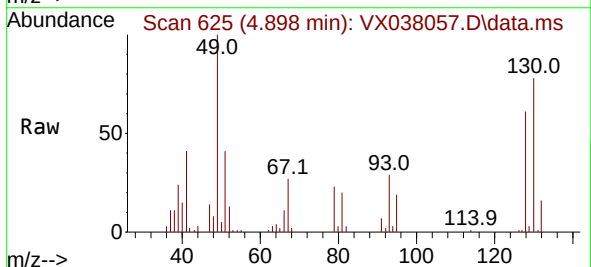
Delta R.T. 0.000 min

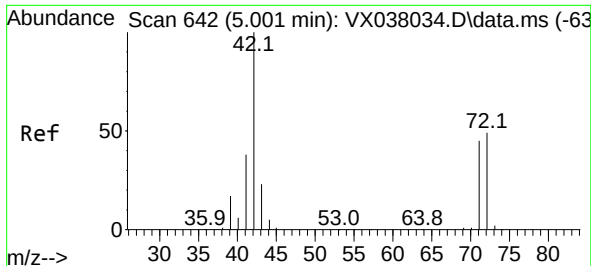
Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Tgt Ion: 49 Resp: 27505

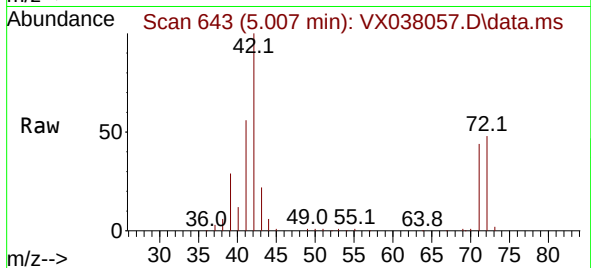
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	78.8	57.5	86.3





#29
Tetrahydrofuran
Concen: 107.895 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

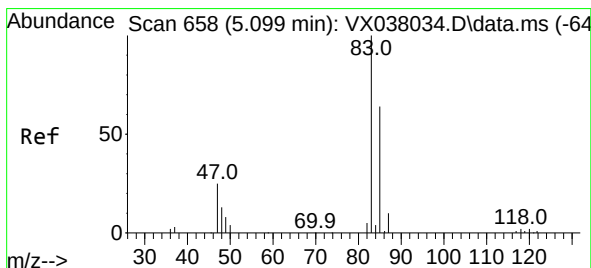
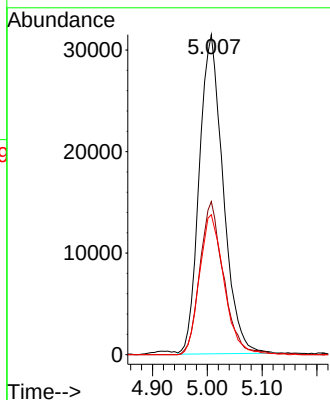
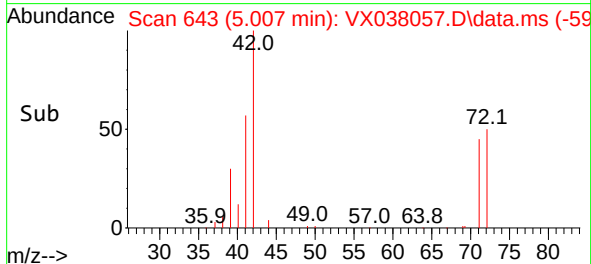
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



Tgt Ion: 42 Resp: 95029
Ion Ratio Lower Upper
42 100
72 47.9 34.2 51.4
71 45.2 32.2 48.2

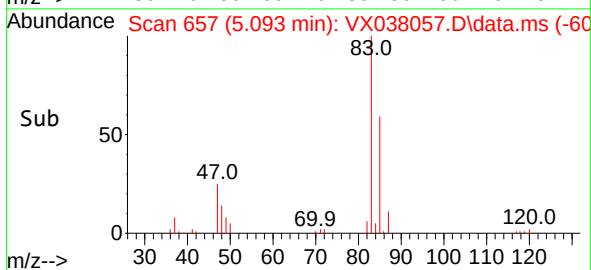
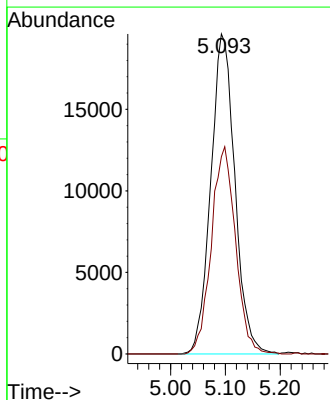
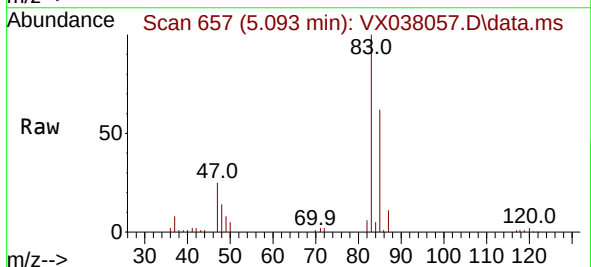
Manual Integrations
APPROVED

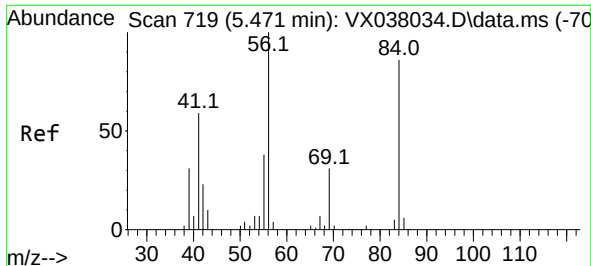
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#30
Chloroform
Concen: 20.381 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Tgt Ion: 83 Resp: 59896
Ion Ratio Lower Upper
83 100
85 61.6 50.3 75.5





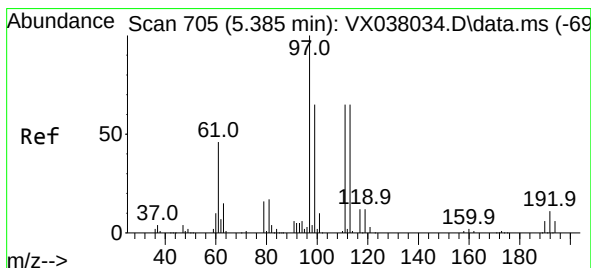
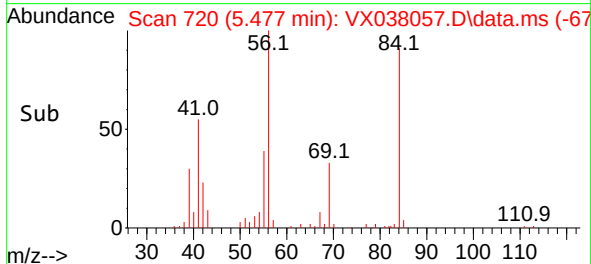
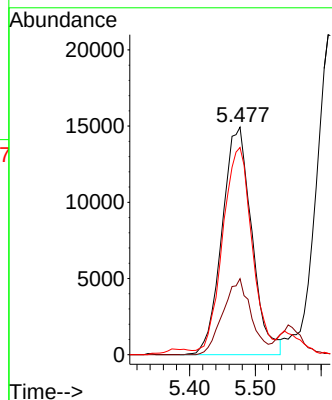
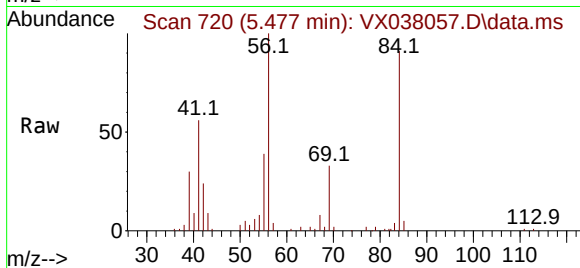
#31
Cyclohexane
Concen: 20.384 ug/l
RT: 5.477 min Scan# 701
Delta R.T. 0.006 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion: 56 Resp: 4701
Ion Ratio Lower Upper
56 100
69 33.4 23.4 35.2
84 88.8 65.9 98.9

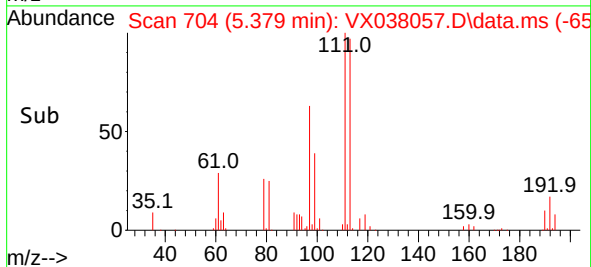
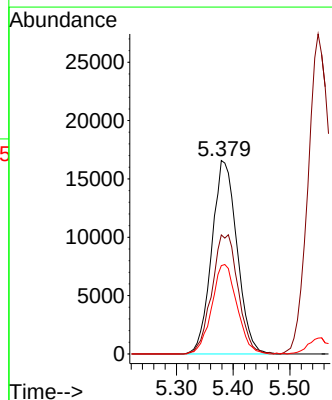
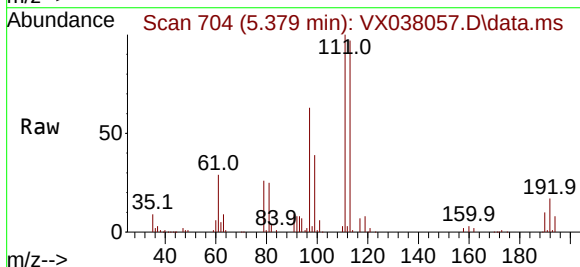
Manual Integrations
APPROVED

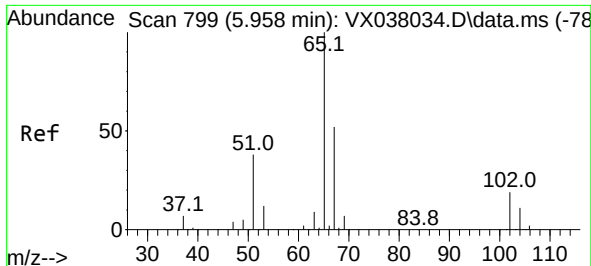
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#32
1,1,1-Trichloroethane
Concen: 20.964 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Tgt Ion: 97 Resp: 51248
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 46.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 53.468 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tgt Ion: 65 Resp: 105458

Ion Ratio Lower Upper

65 100

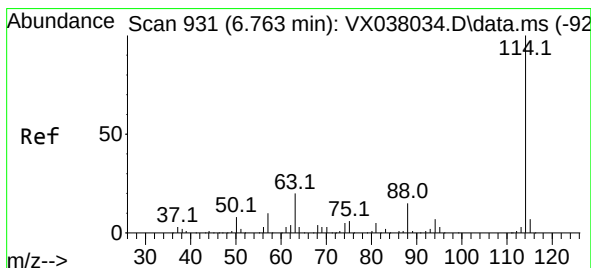
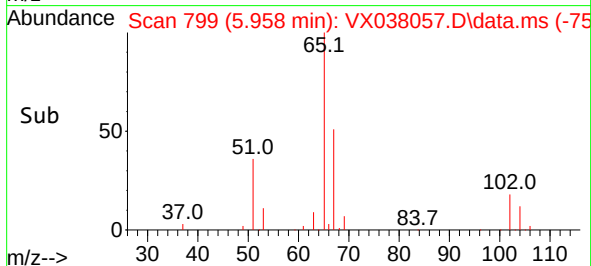
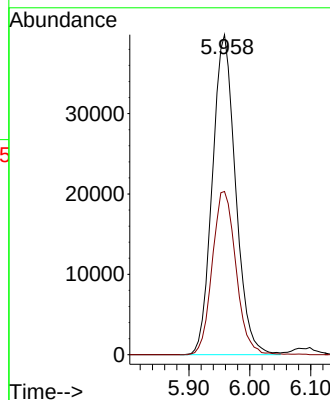
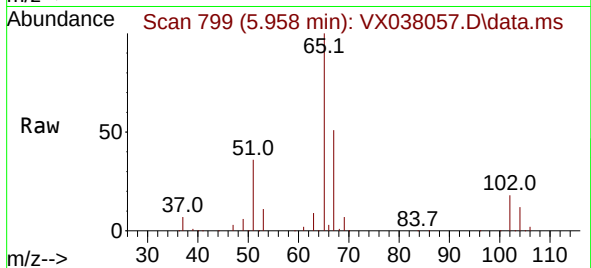
67 52.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

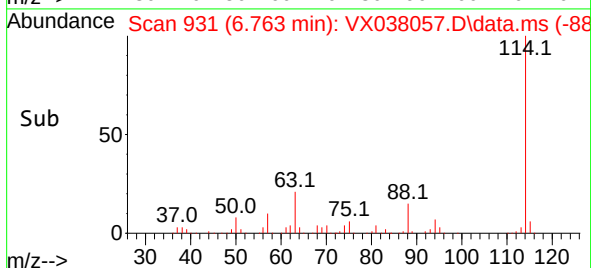
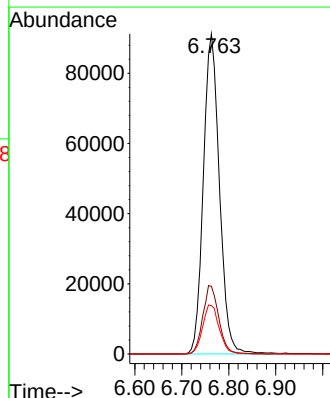
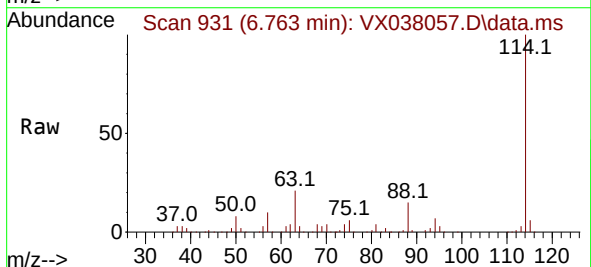
Tgt Ion:114 Resp: 216554

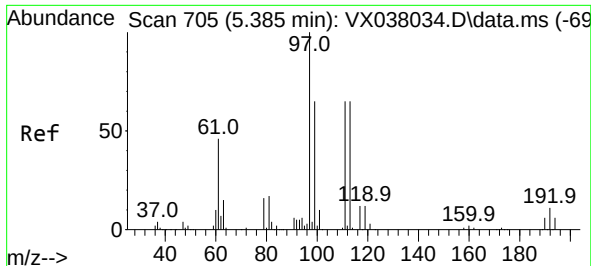
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

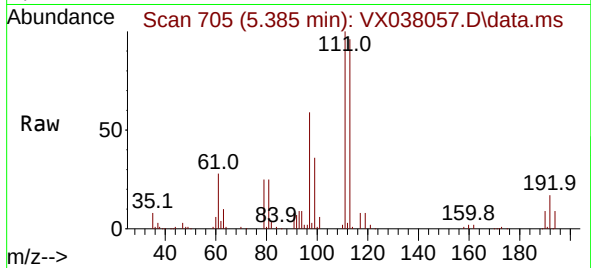
88 15.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.970 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

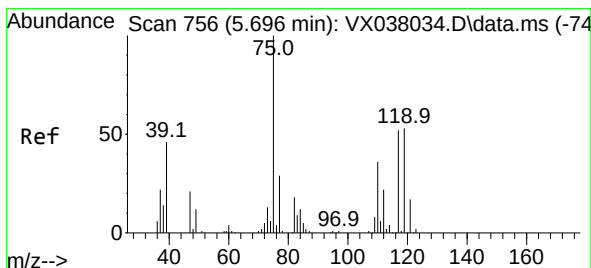
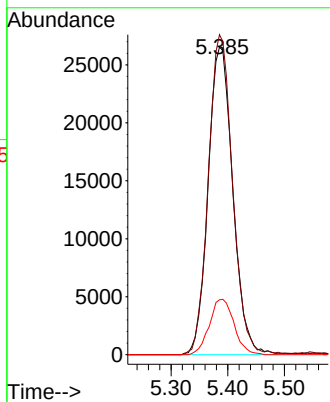
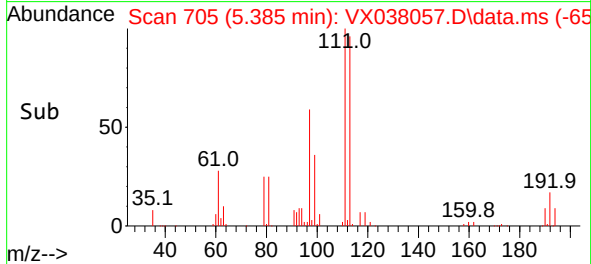
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



Tgt Ion: 113 Resp: 80180
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.0 13.3 19.9

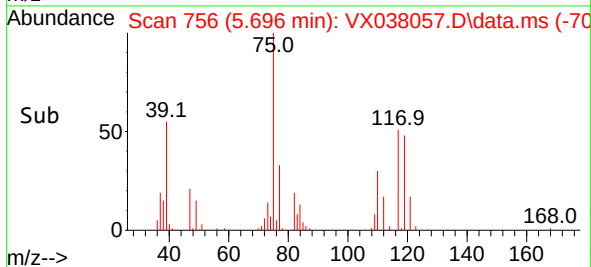
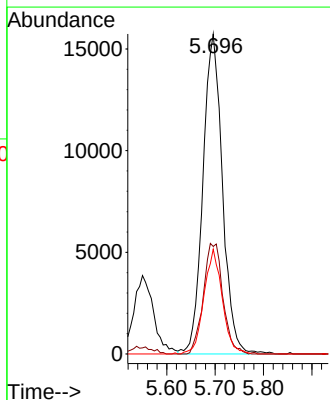
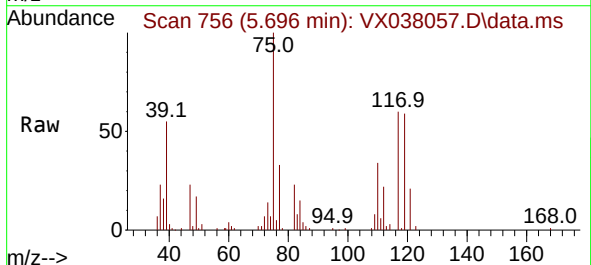
Manual Integrations
APPROVED

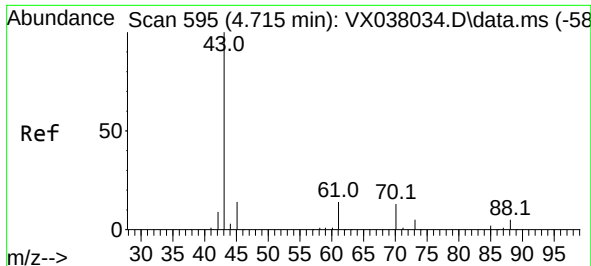
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#36
1,1-Dichloropropene
Concen: 20.189 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

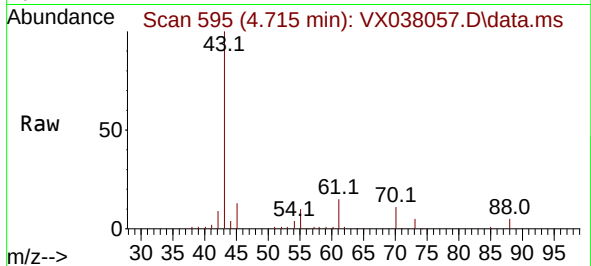
Tgt Ion: 75 Resp: 44203
Ion Ratio Lower Upper
75 100
110 34.6 17.0 50.9
77 30.6 24.7 37.1





#37
Ethyl Acetate
Concen: 22.196 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

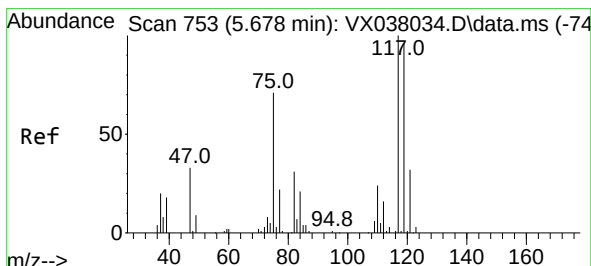
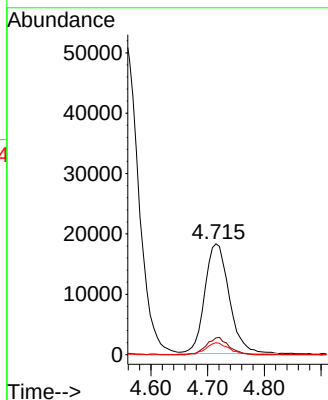
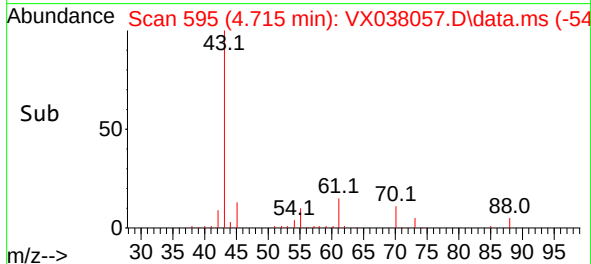
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



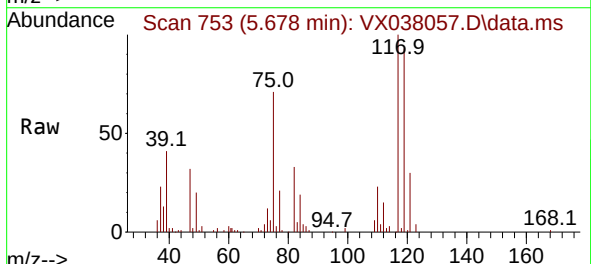
Tgt Ion: 43 Resp: 54578
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 10.2 8.3 12.5

Manual Integrations
APPROVED

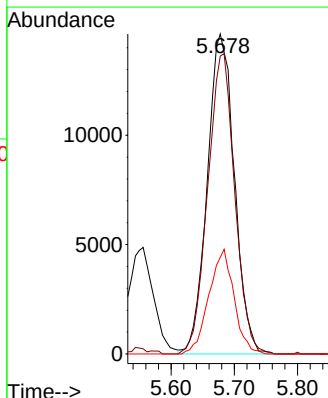
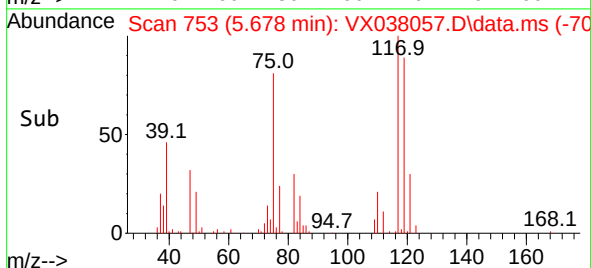
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

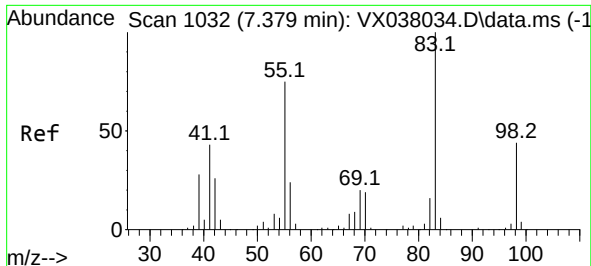


#38
Carbon Tetrachloride
Concen: 20.475 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01



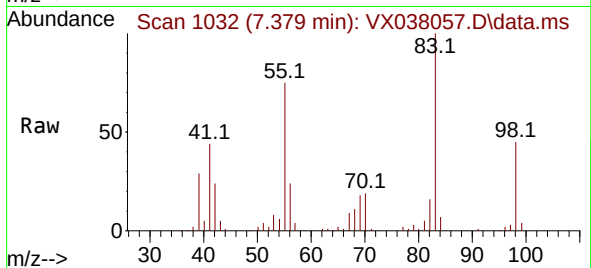
Tgt Ion:117 Resp: 43623
Ion Ratio Lower Upper
117 100
119 93.1 78.2 117.2
121 30.2 24.4 36.6





#39
Methylcyclohexane
Concen: 20.521 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

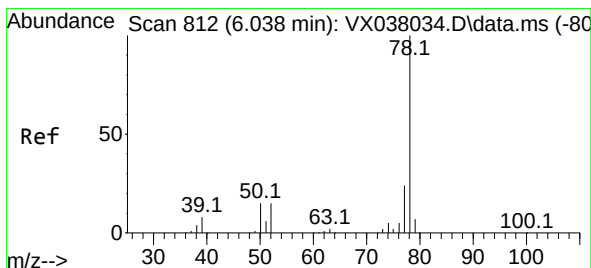
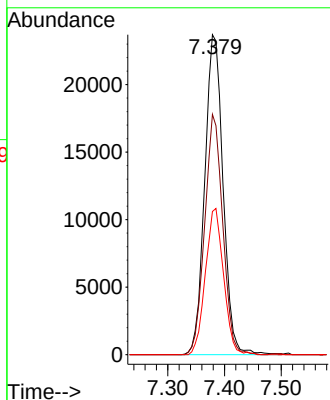
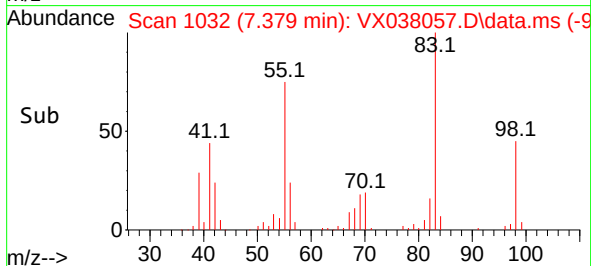
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



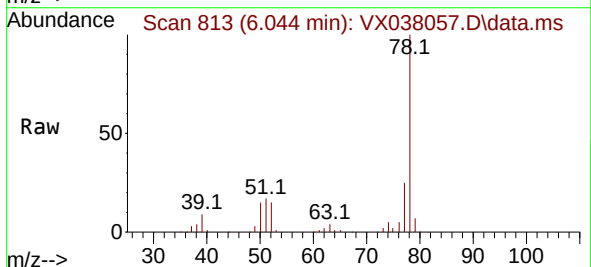
Tgt Ion: 83 Resp: 5310
Ion Ratio Lower Upper
83 100
55 75.1 64.6 97.0
98 44.8 36.7 55.1

Manual Integrations
APPROVED

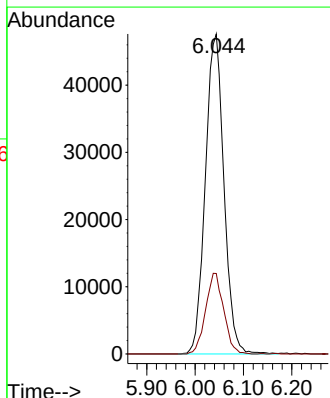
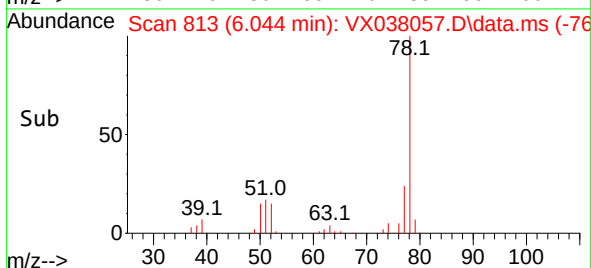
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

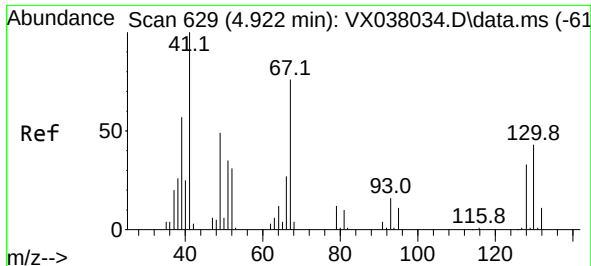


#40
Benzene
Concen: 20.561 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01



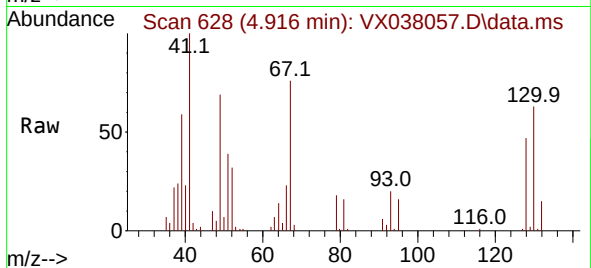
Tgt Ion: 78 Resp: 126992
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9





#41
Methacrylonitrile
Concen: 20.952 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

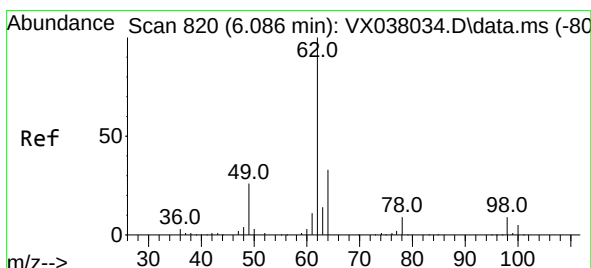
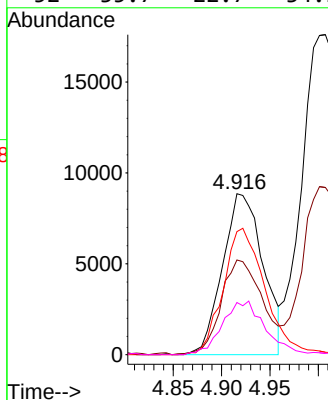
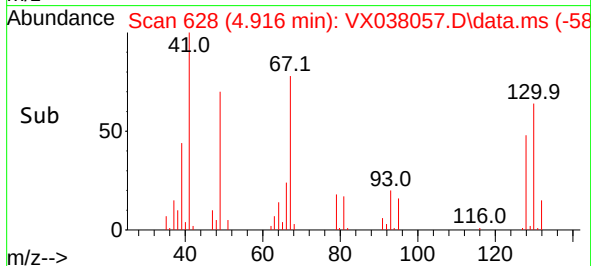
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



Tgt Ion: 41 Resp: 25790
Ion Ratio Lower Upper
41 100
39 59.6 45.2 67.8
67 82.0 52.6 78.8
52 35.7 22.7 34.1#

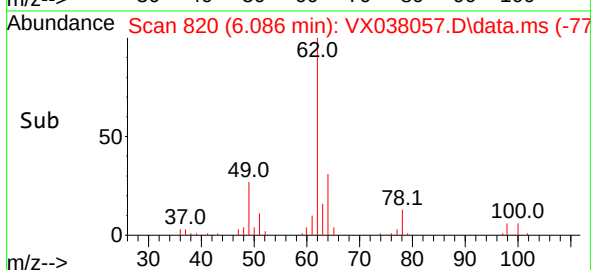
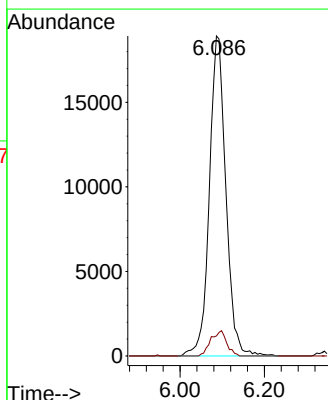
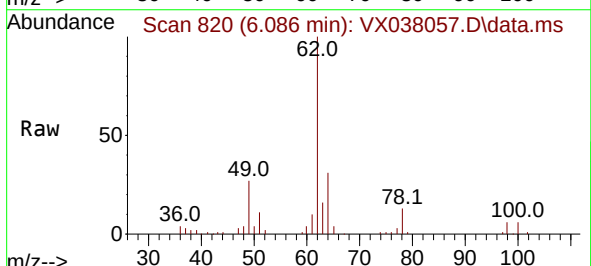
Manual Integrations
APPROVED

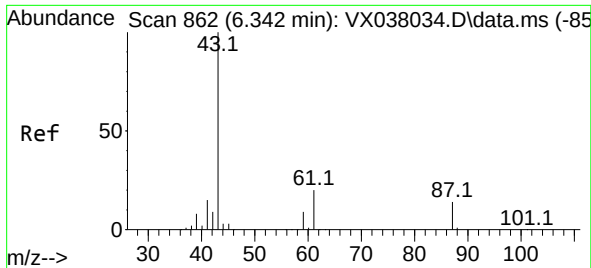
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#42
1,2-Dichloroethane
Concen: 21.224 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Tgt Ion: 62 Resp: 51407
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 21.474 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tgt Ion: 43 Resp: 81800

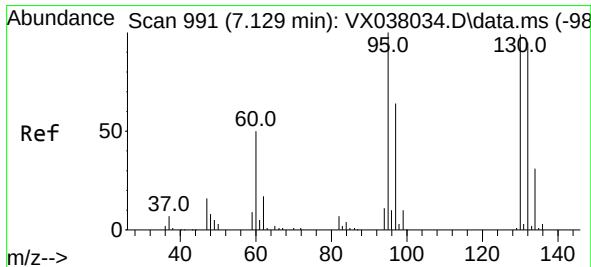
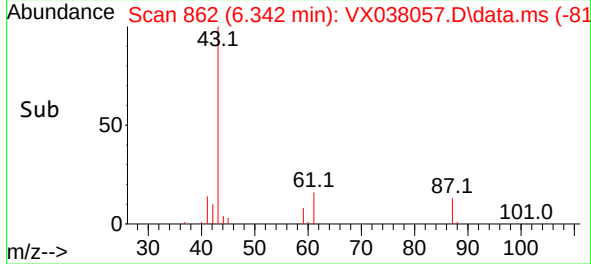
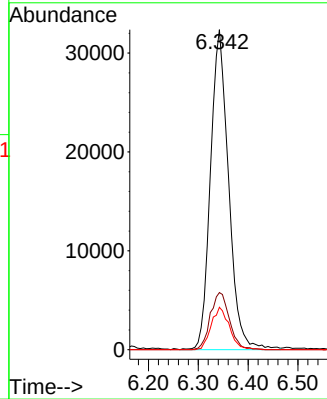
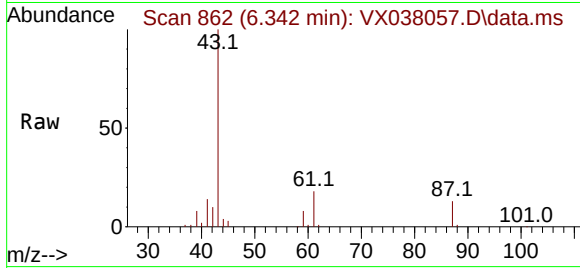
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.2	22.8
87	13.2	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#44

Trichloroethene

Concen: 19.828 ug/l

RT: 7.129 min Scan# 991

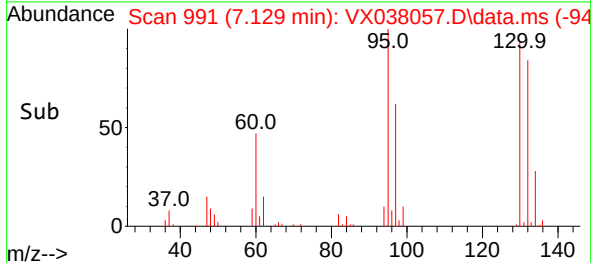
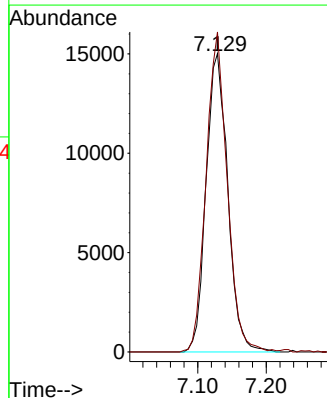
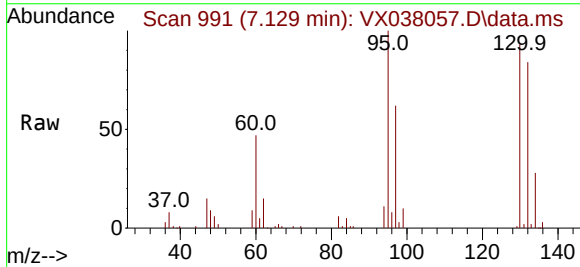
Delta R.T. 0.000 min

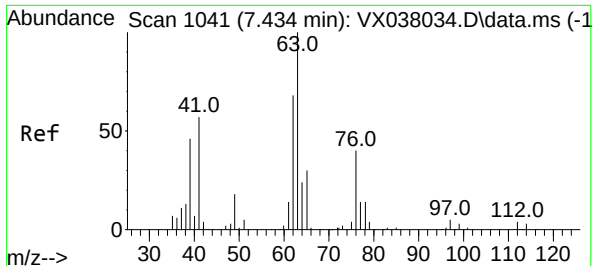
Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Tgt Ion:130 Resp: 33049

Ion	Ratio	Lower	Upper
130	100		
95	107.3	0.0	204.4





#45

1,2-Dichloropropane

Concen: 20.781 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tgt Ion: 63 Resp: 32674

Ion Ratio Lower Upper

63 100

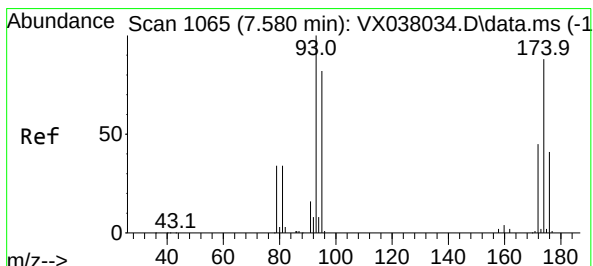
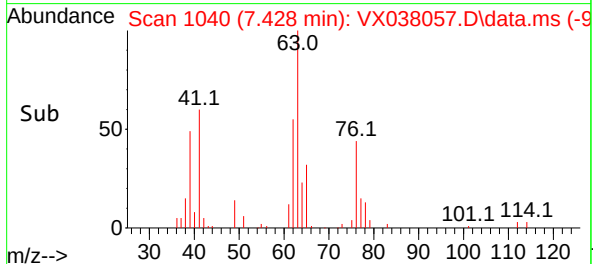
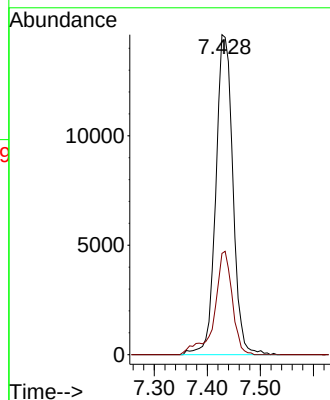
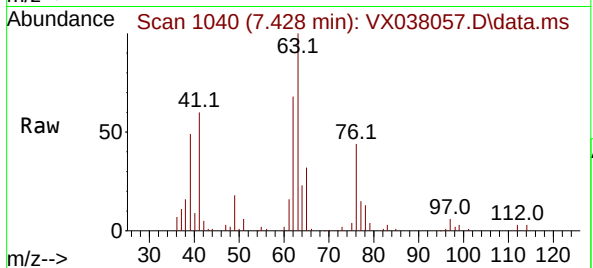
65 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#46

Dibromomethane

Concen: 20.358 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

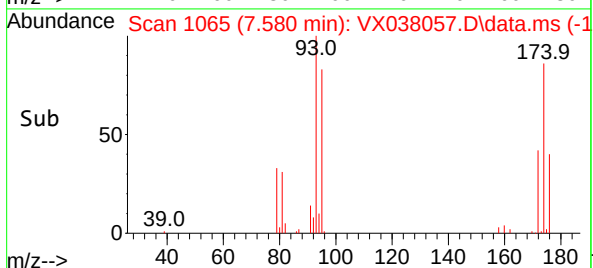
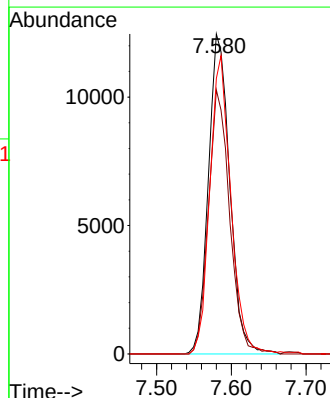
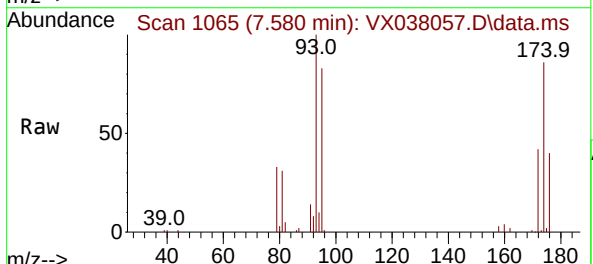
Tgt Ion: 93 Resp: 24789

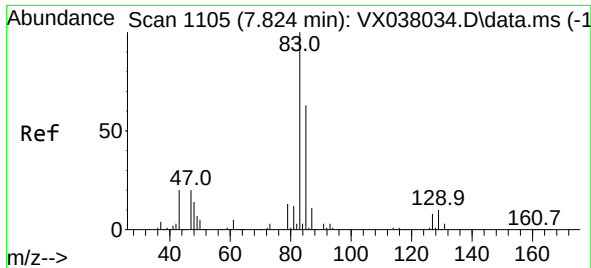
Ion Ratio Lower Upper

93 100

95 81.9 66.6 100.0

174 91.8 69.4 104.0





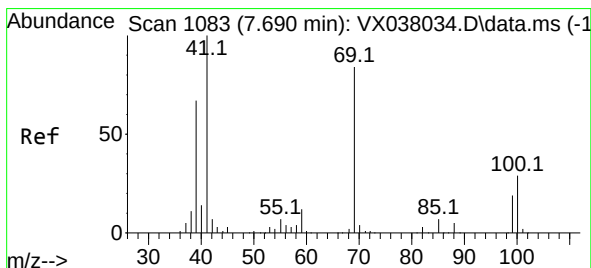
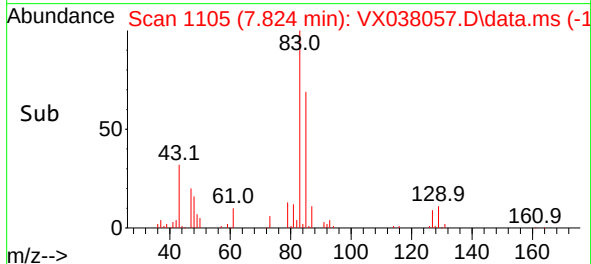
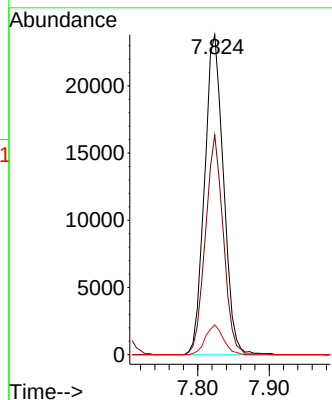
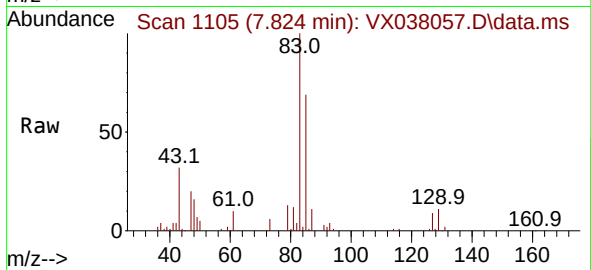
#47
Bromodichloromethane
Concen: 20.632 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion: 83 Resp: 43738
Ion Ratio Lower Upper
83 100
85 68.7 49.8 74.6
127 9.3 7.1 10.7

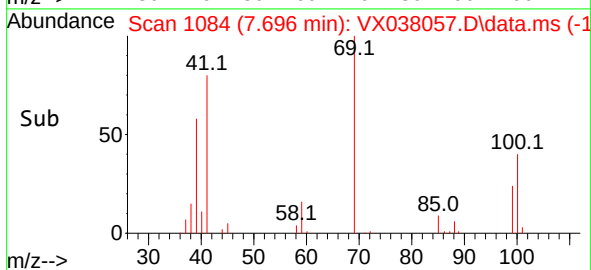
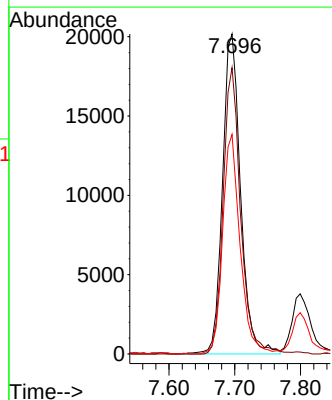
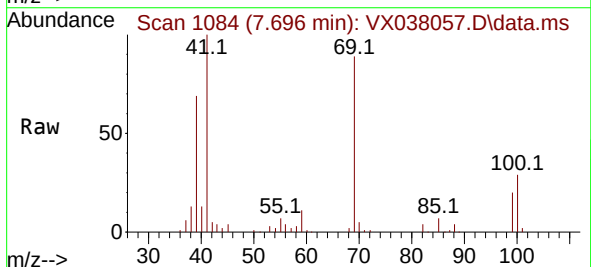
Manual Integrations
APPROVED

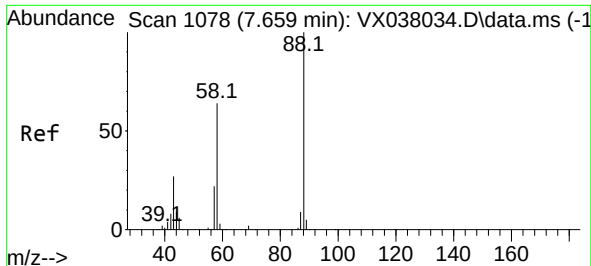
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#48
Methyl methacrylate
Concen: 20.995 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Tgt Ion: 41 Resp: 38456
Ion Ratio Lower Upper
41 100
69 86.9 59.2 88.8
39 66.5 47.7 71.5





#49

1,4-Dioxane

Concen: 483.899 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tgt Ion: 88 Resp: 1986

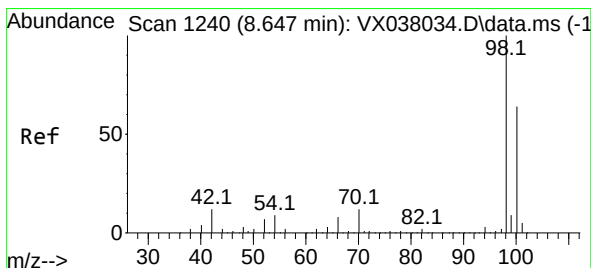
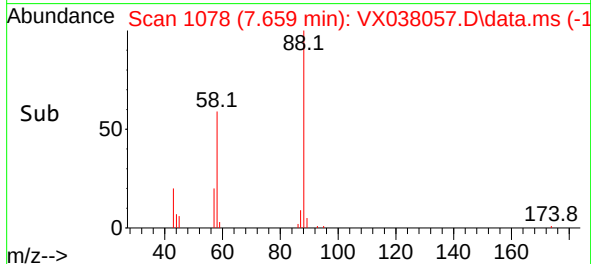
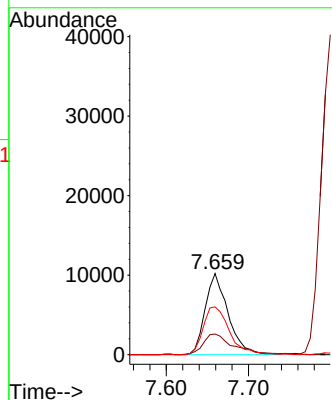
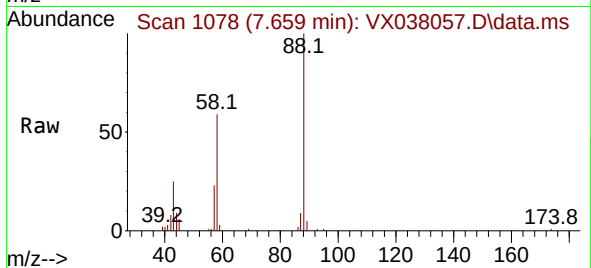
Ion	Ratio	Lower	Upper
88	100		
43	32.7	0.0	0.0
58	67.1	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#50

Toluene-d8

Concen: 53.824 ug/l

RT: 8.647 min Scan# 1240

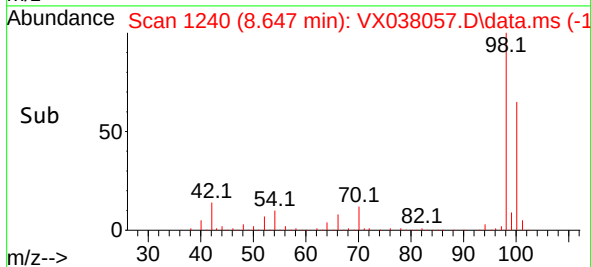
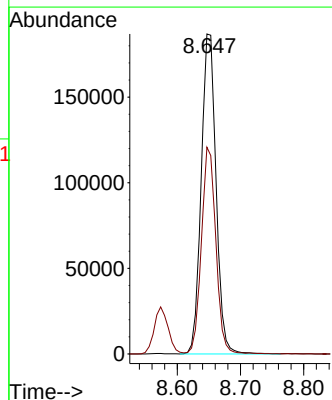
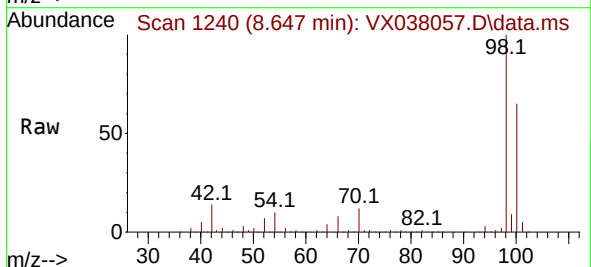
Delta R.T. 0.000 min

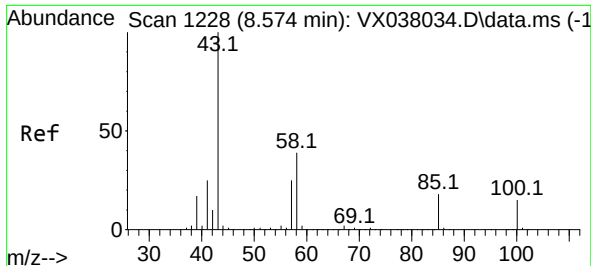
Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Tgt Ion: 98 Resp: 306022

Ion	Ratio	Lower	Upper
98	100		
100	62.8	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 108.050 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tgt Ion: 43 Resp: 285984

Ion Ratio Lower Upper

43 100

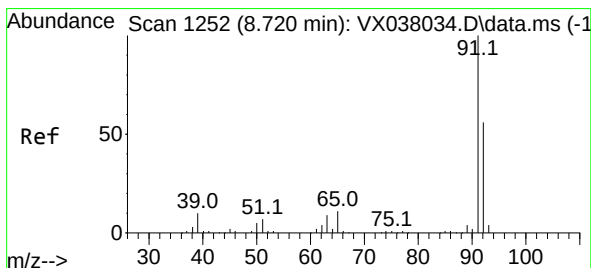
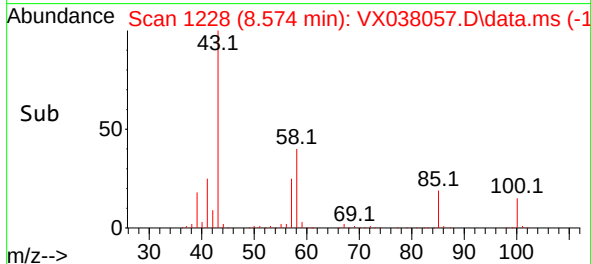
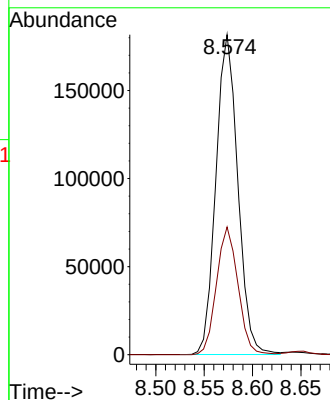
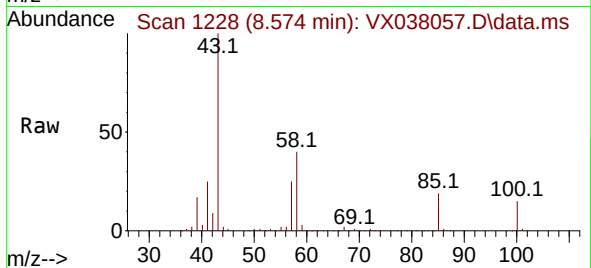
58 39.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#52

Toluene

Concen: 20.576 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038057.D

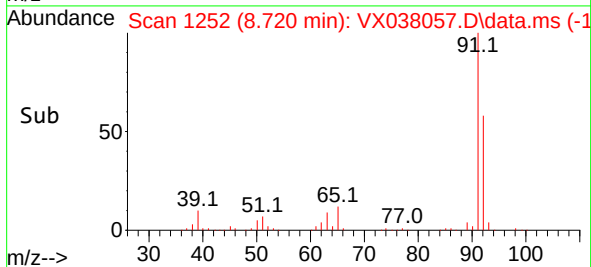
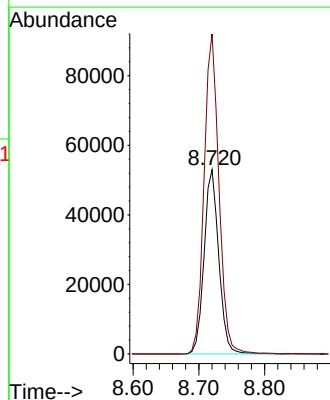
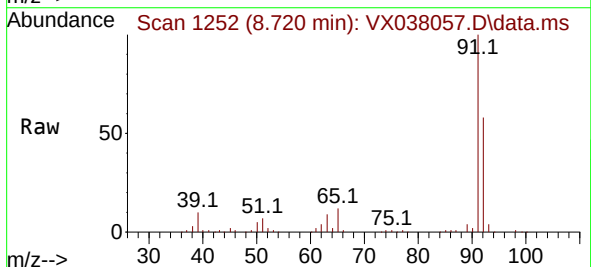
Acq: 04 Oct 2023 12:01

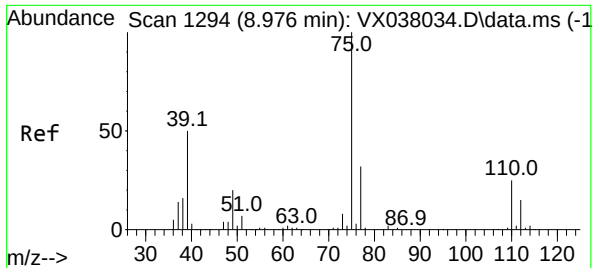
Tgt Ion: 92 Resp: 82255

Ion Ratio Lower Upper

92 100

91 175.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 21.262 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tgt Ion: 75 Resp: 4747

Ion Ratio Lower Upper

75 100

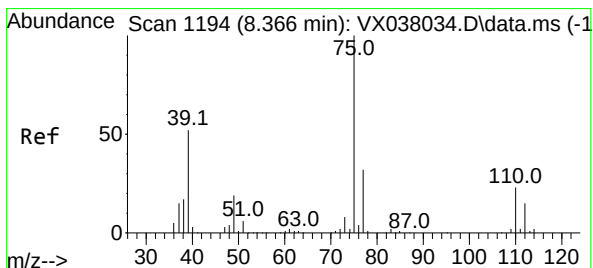
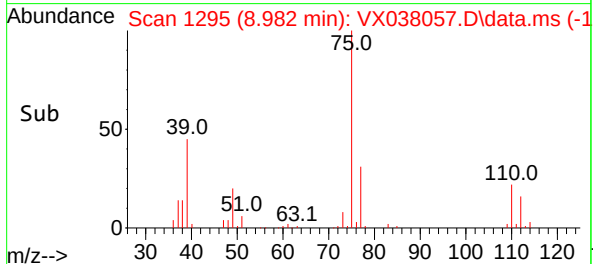
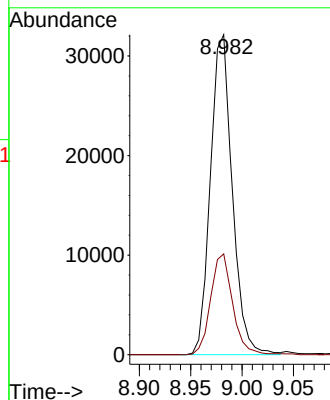
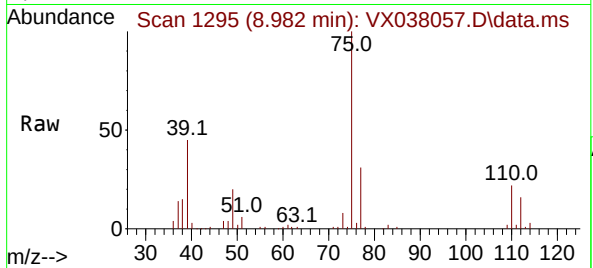
77 31.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#54

cis-1,3-Dichloropropene

Concen: 21.385 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

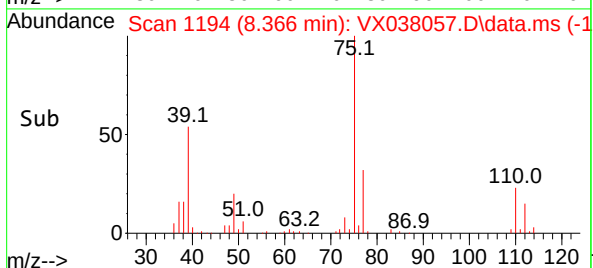
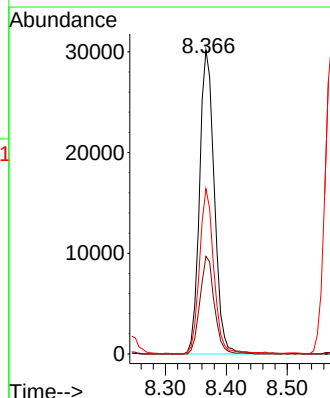
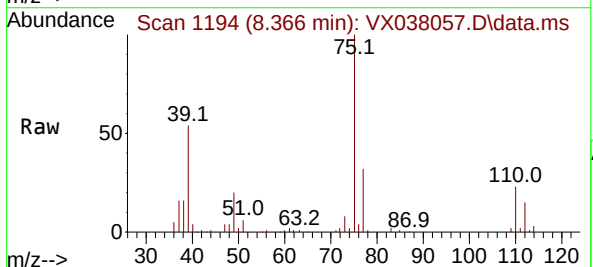
Tgt Ion: 75 Resp: 50812

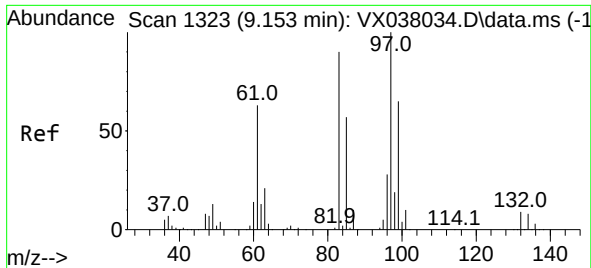
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

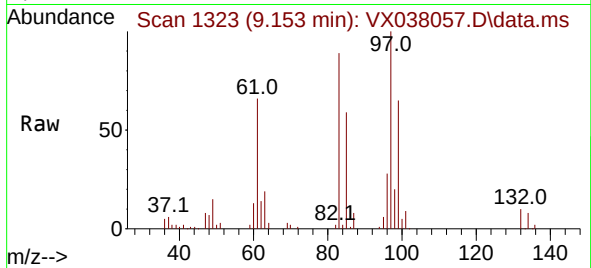
39 54.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.870 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

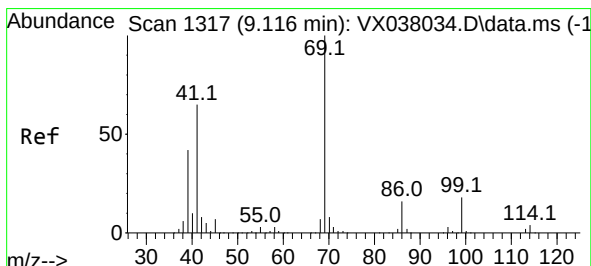
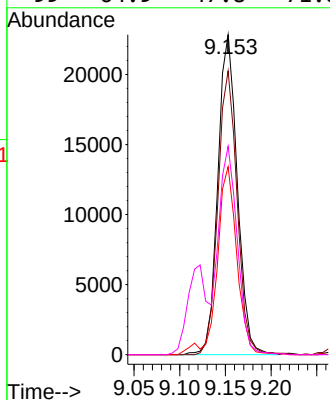
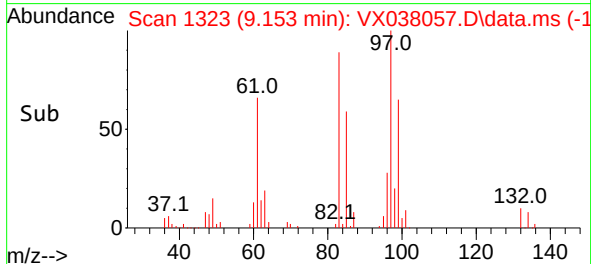
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.7	65.8	98.8
85	58.8	41.6	62.4
99	64.9	47.8	71.8

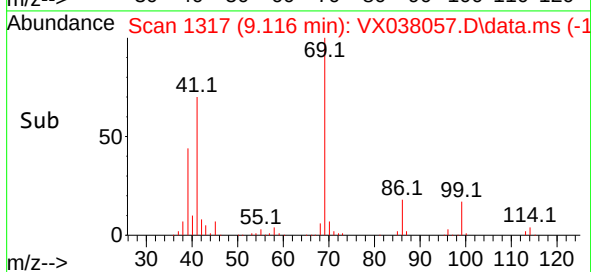
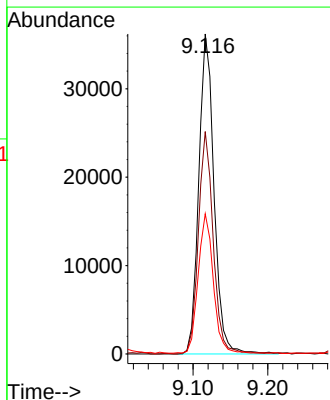
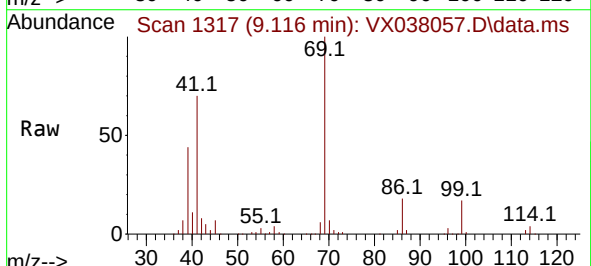
Manual Integrations
APPROVED

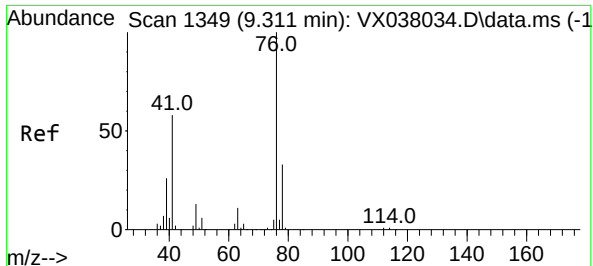
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#56
Ethyl methacrylate
Concen: 21.020 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.7	56.8	85.2
39	43.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.872 ug/l

RT: 9.311 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tgt Ion: 76 Resp: 56974

Ion Ratio Lower Upper

76 100

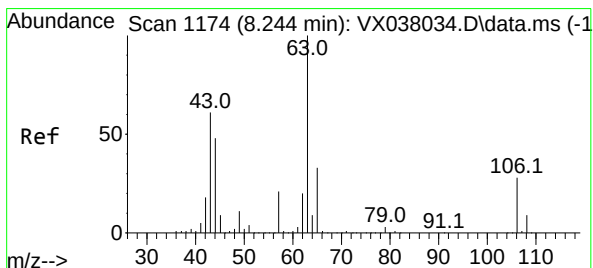
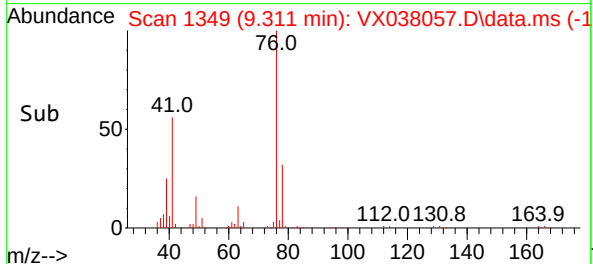
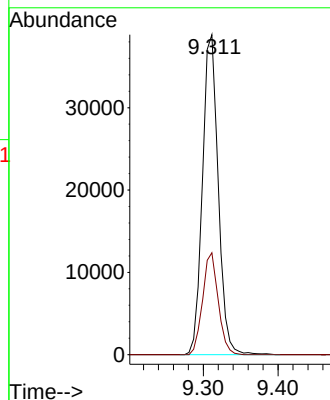
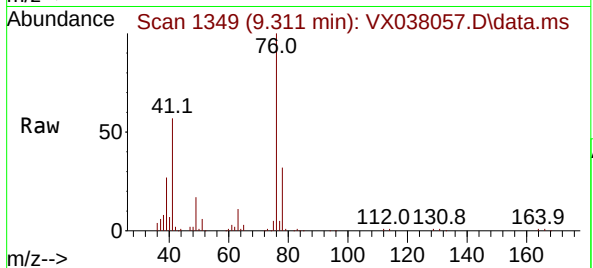
78 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#58

2-Chloroethyl Vinyl ether

Concen: 109.854 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038057.D

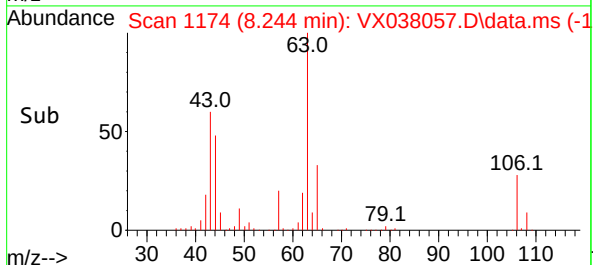
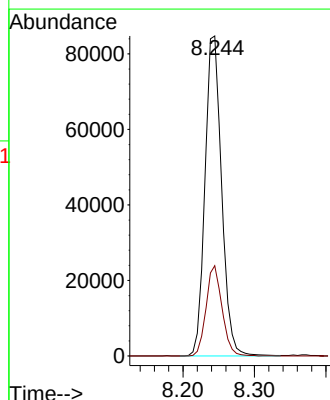
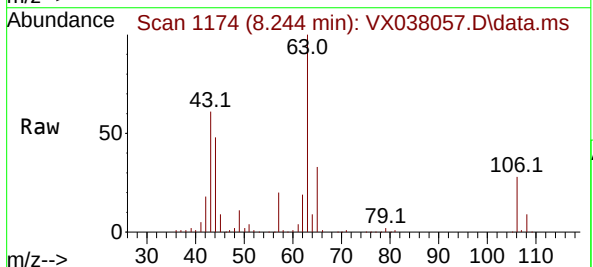
Acq: 04 Oct 2023 12:01

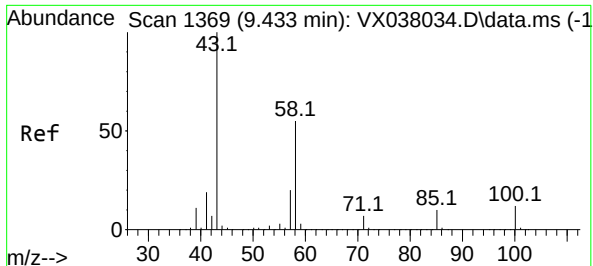
Tgt Ion: 63 Resp: 136982

Ion Ratio Lower Upper

63 100

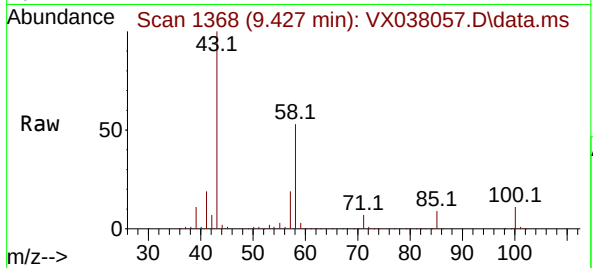
106 27.0 22.5 33.7





#59
2-Hexanone
Concen: 110.973 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

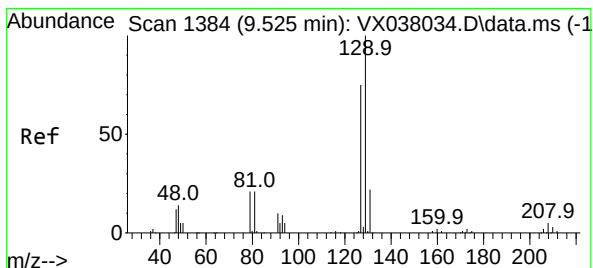
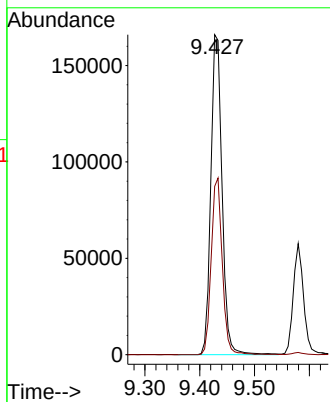
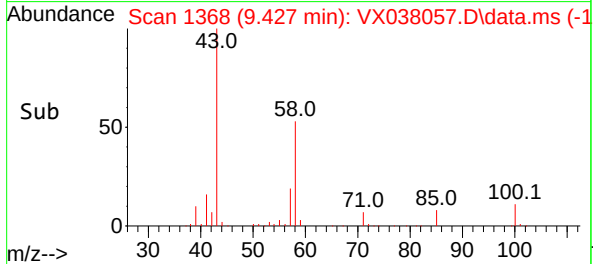
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



Tgt Ion: 43 Resp: 234960
Ion Ratio Lower Upper
43 100
58 54.3 26.2 78.5

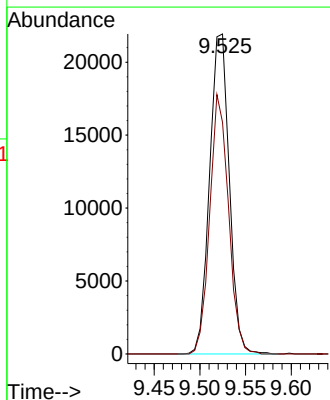
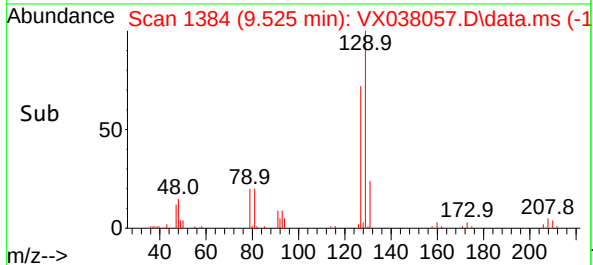
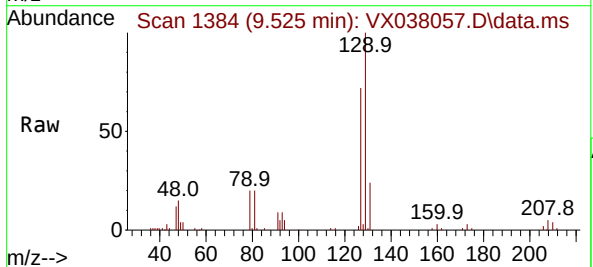
Manual Integrations
APPROVED

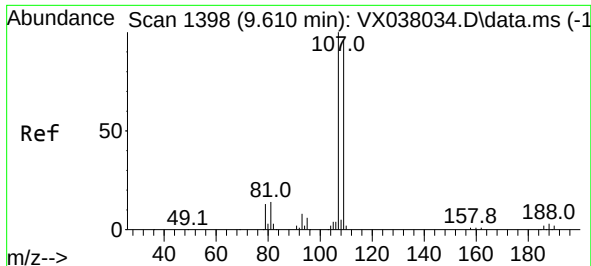
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#60
Dibromochloromethane
Concen: 21.044 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

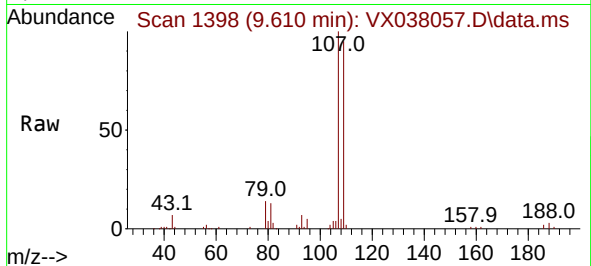
Tgt Ion:129 Resp: 32874
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.699 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

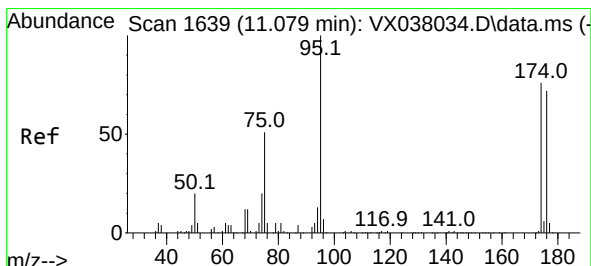
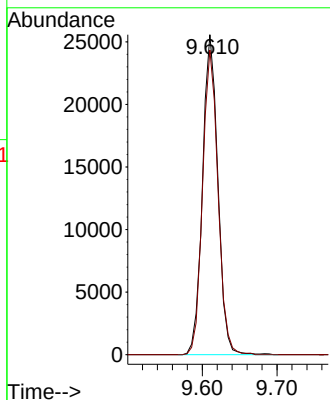
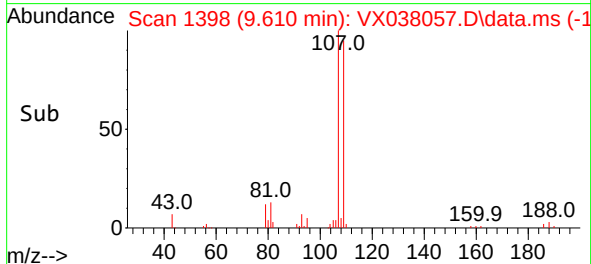
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



Tgt Ion:107 Resp: 36430
Ion Ratio Lower Upper
107 100
109 95.5 75.2 112.8

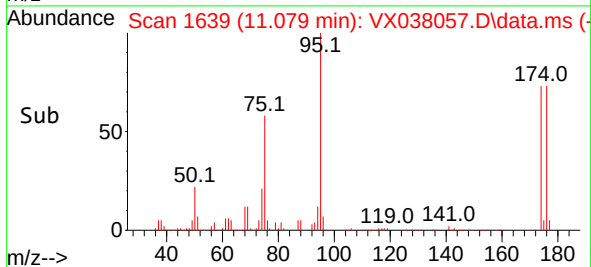
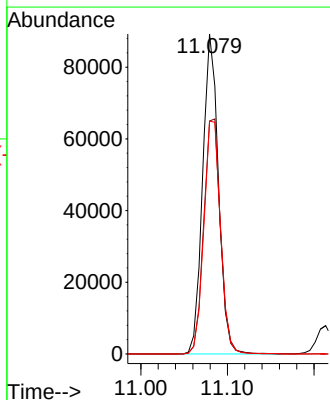
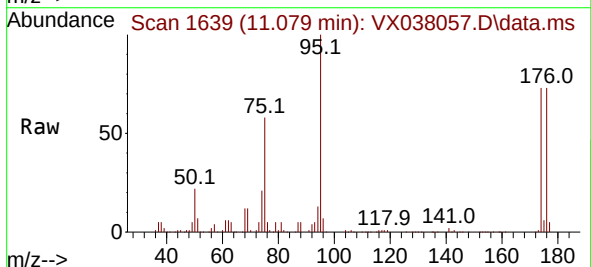
Manual Integrations
APPROVED

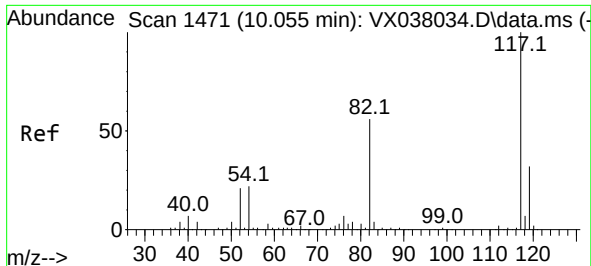
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#62
4-Bromofluorobenzene
Concen: 54.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

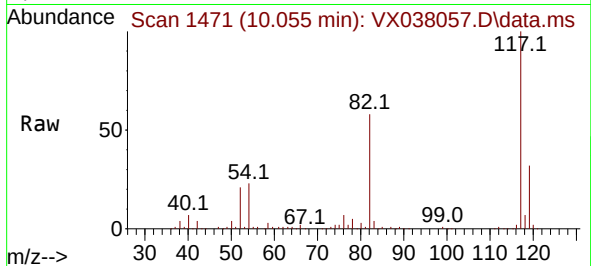
Tgt Ion: 95 Resp: 112952
Ion Ratio Lower Upper
95 100
174 78.0 0.0 135.6
176 77.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

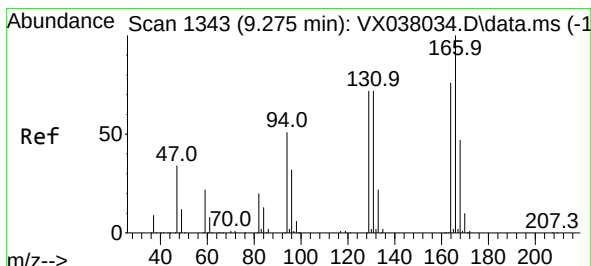
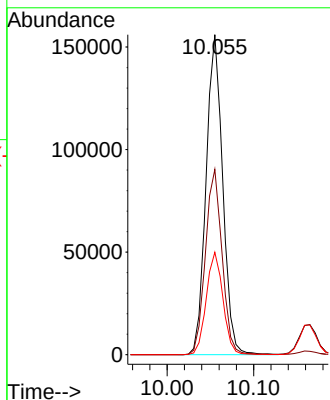
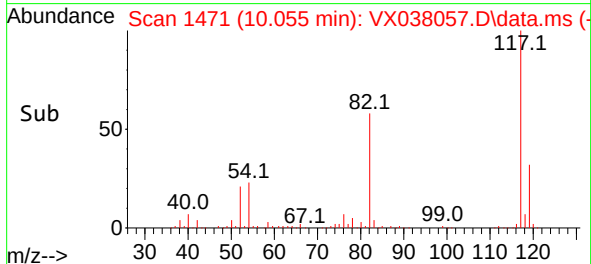
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



Tgt Ion:117 Resp: 208065
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.0 25.5 38.3

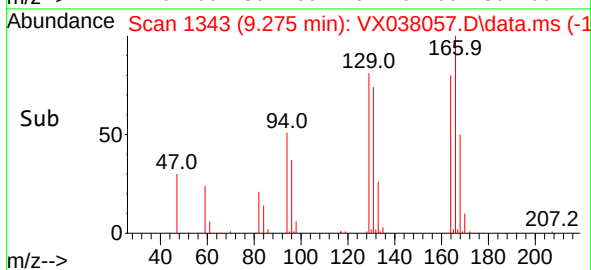
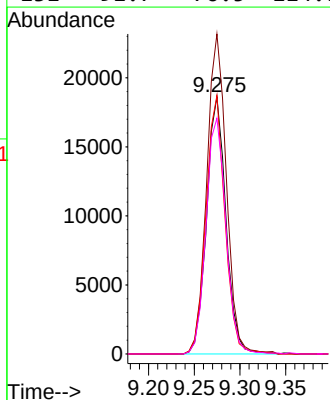
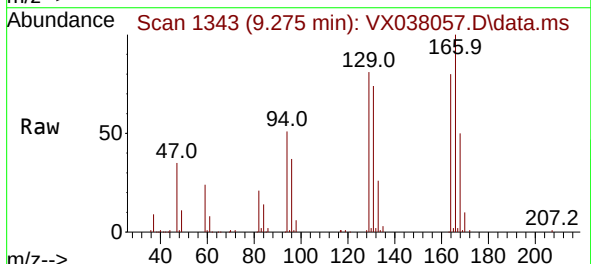
Manual Integrations
APPROVED

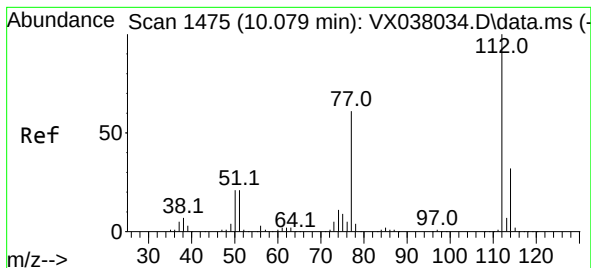
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#64
Tetrachloroethene
Concen: 19.716 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

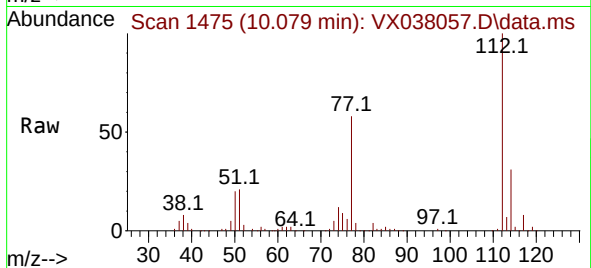
Tgt Ion:164 Resp: 27294
Ion Ratio Lower Upper
164 100
166 124.5 102.7 154.1
129 100.5 80.4 120.6
131 91.7 76.5 114.7





#65
Chlorobenzene
Concen: 20.453 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

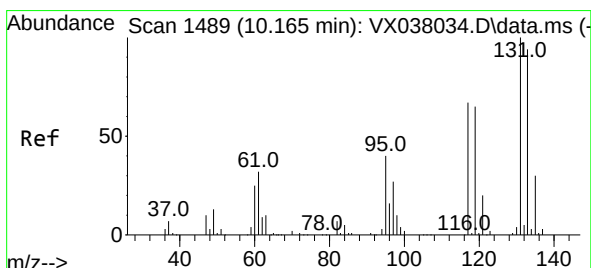
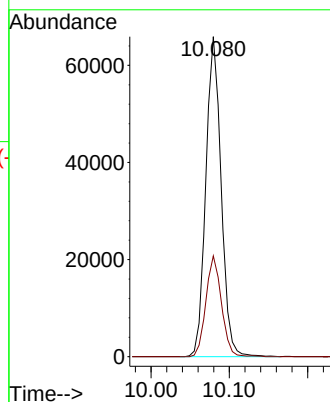
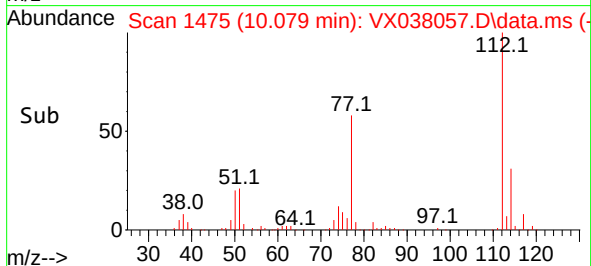
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



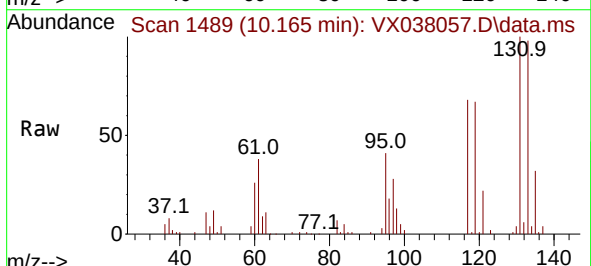
Tgt Ion:112 Resp: 8933
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

Manual Integrations
APPROVED

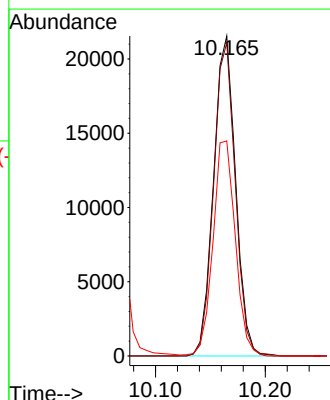
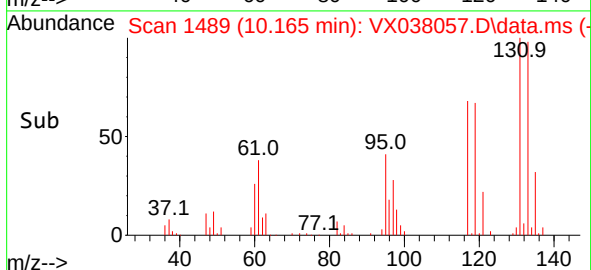
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

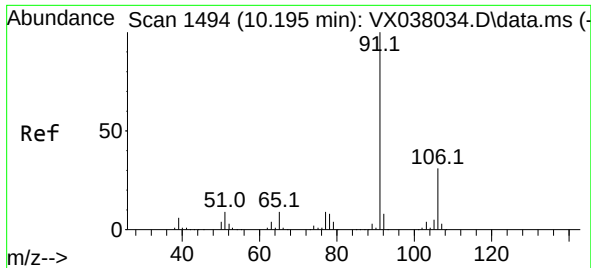


#66
1,1,1,2-Tetrachloroethane
Concen: 20.682 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01



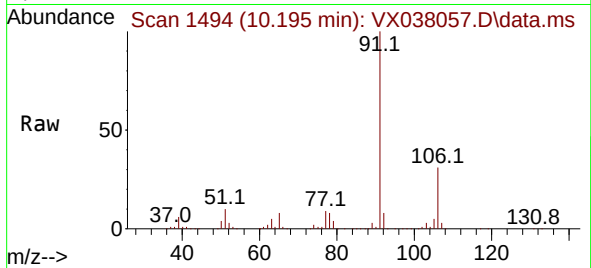
Tgt Ion:131 Resp: 30122
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 68.3 32.2 96.6





#67
Ethyl Benzene
Concen: 20.591 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

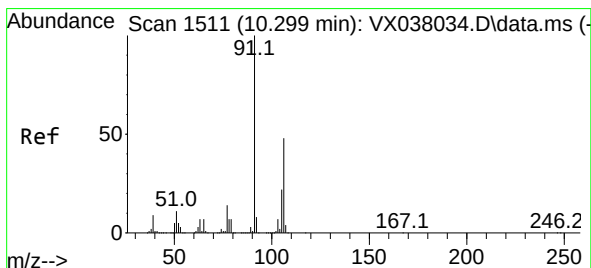
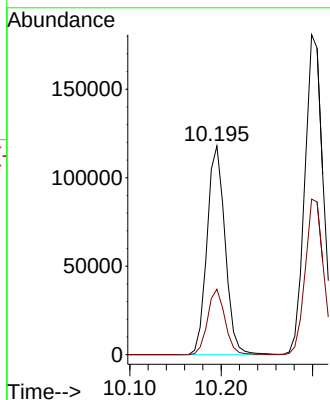
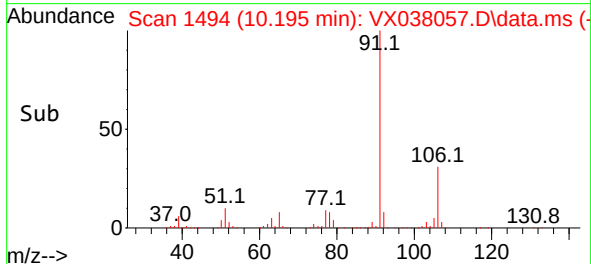
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



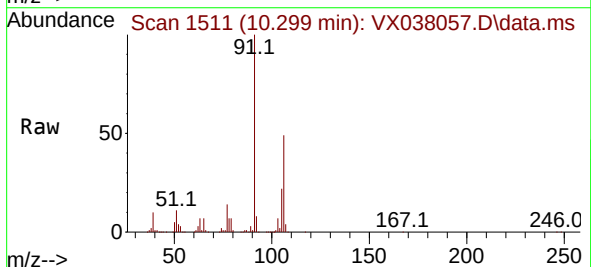
Tgt Ion: 91 Resp: 161784
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

Manual Integrations
APPROVED

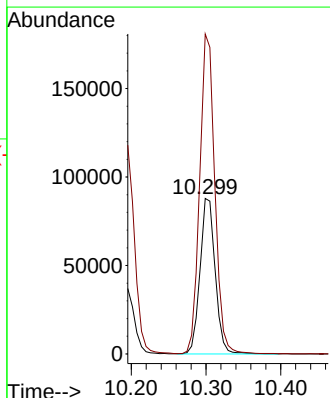
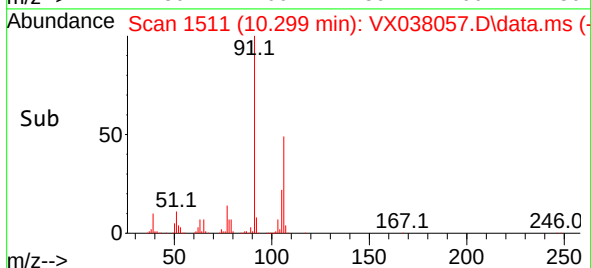
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

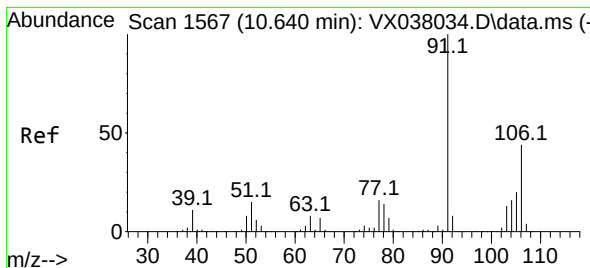


#68
m/p-Xylenes
Concen: 41.193 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01



Tgt Ion:106 Resp: 123946
Ion Ratio Lower Upper
106 100
91 205.3 165.5 248.3





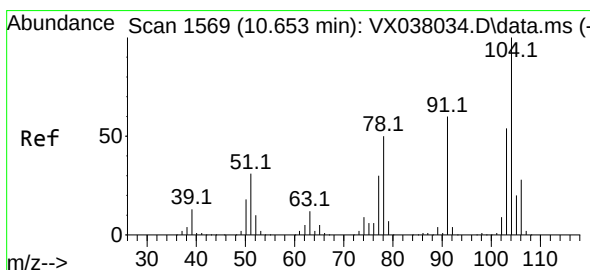
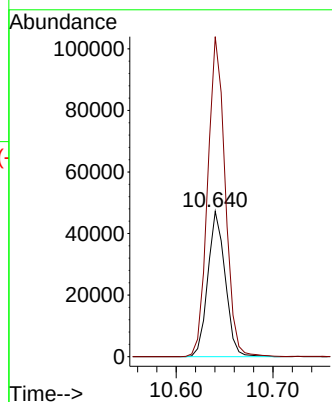
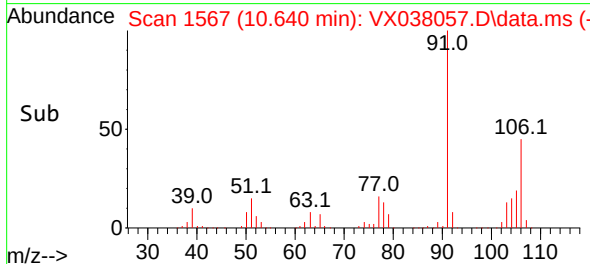
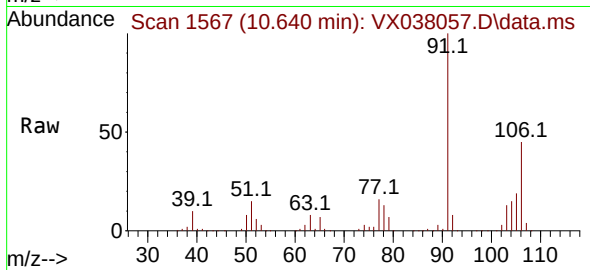
#69
o-Xylene
Concen: 20.664 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion:106 Resp: 5904
Ion Ratio Lower Upper
106 100
91 221.3 108.9 326.8

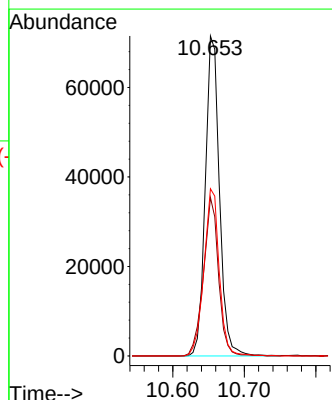
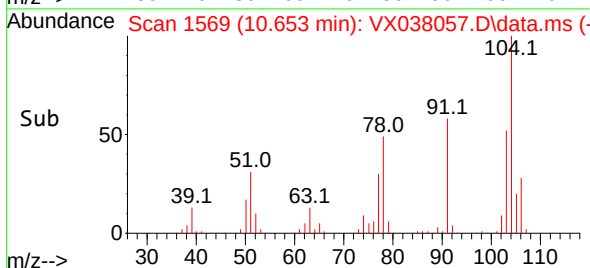
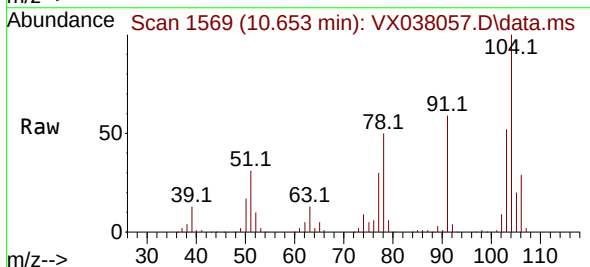
Manual Integrations
APPROVED

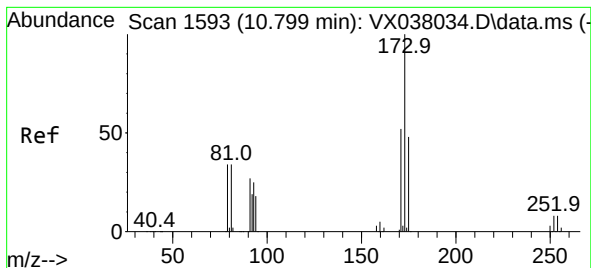
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#70
Styrene
Concen: 20.900 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

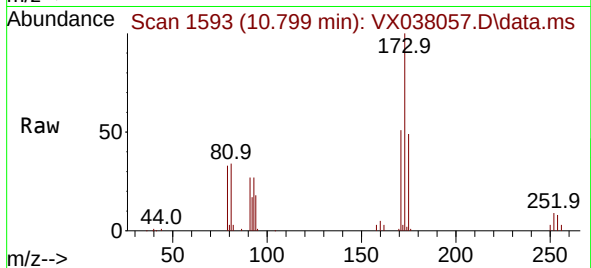
Tgt Ion:104 Resp: 98639
Ion Ratio Lower Upper
104 100
78 52.6 43.6 65.4
103 56.5 43.6 65.4





#71
Bromoform
Concen: 21.234 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

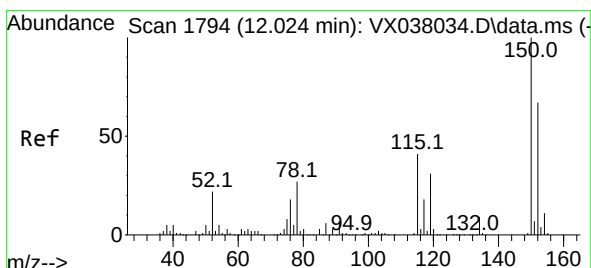
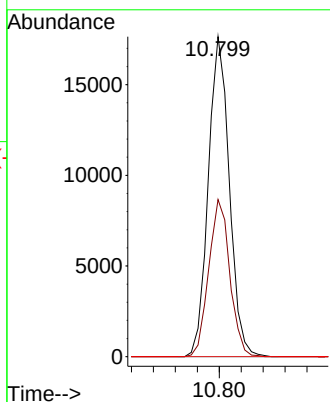
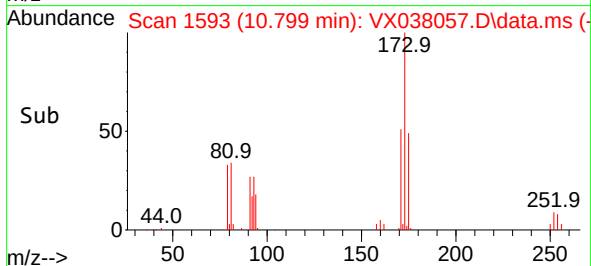
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



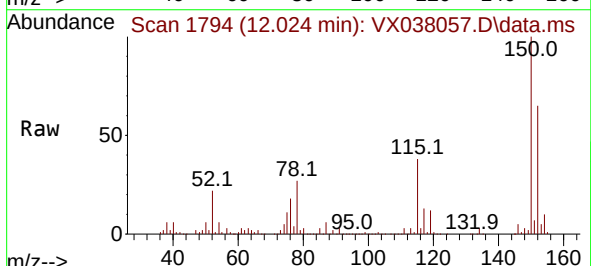
Tgt Ion:173 Resp: 23510
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

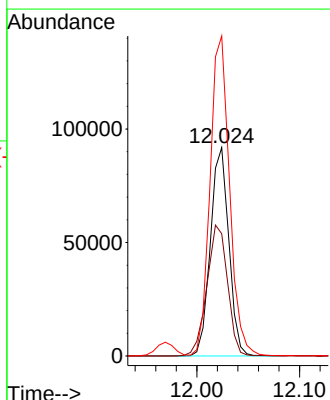
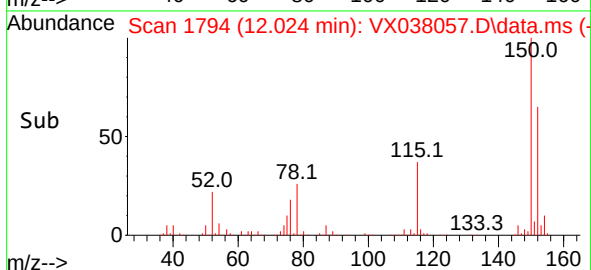
Reviewed By :John Carbone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

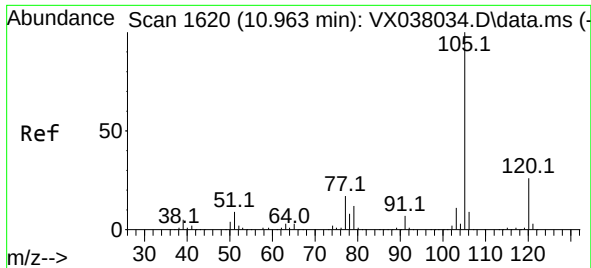


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01



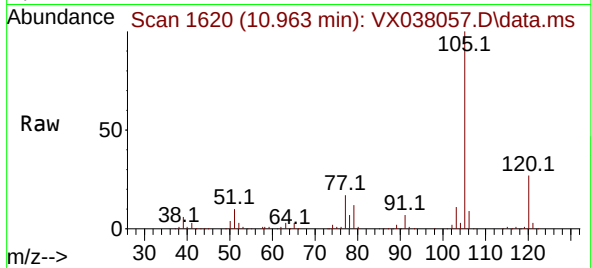
Tgt Ion:152 Resp: 113928
Ion Ratio Lower Upper
152 100
115 70.6 43.3 129.9
150 162.5 0.0 345.0





#73
Isopropylbenzene
Concen: 20.601 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

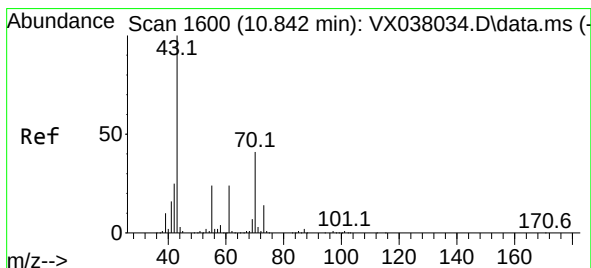
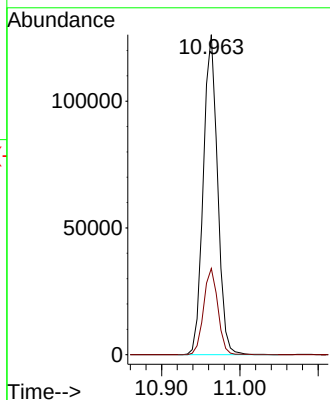
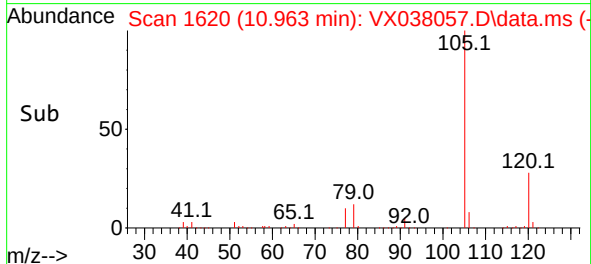
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



Tgt Ion:105 Resp: 159284
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

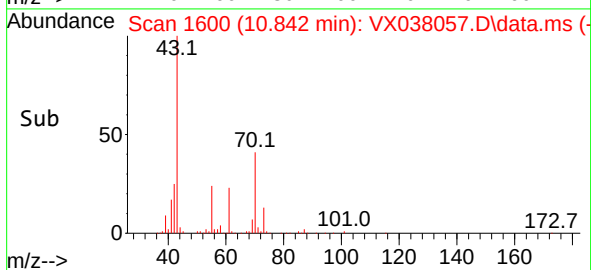
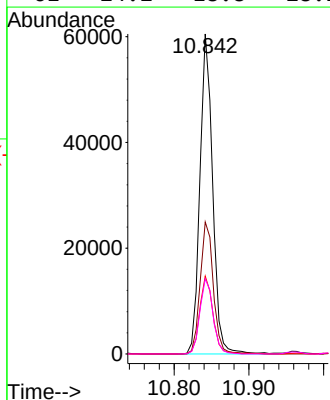
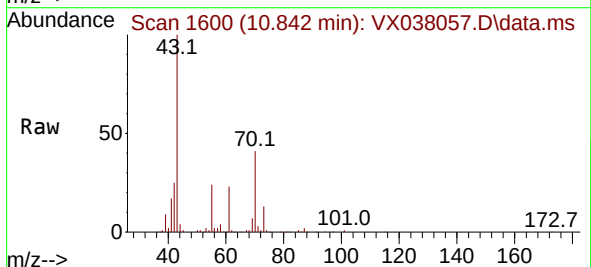
Manual Integrations
APPROVED

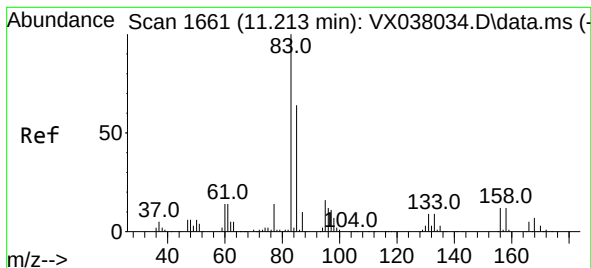
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#74
N-ethyl acetate
Concen: 20.606 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Tgt Ion: 43 Resp: 71703
Ion Ratio Lower Upper
43 100
70 42.7 32.9 49.3
55 25.0 19.3 28.9
61 24.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.125 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

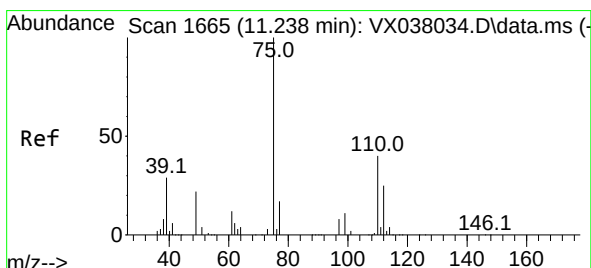
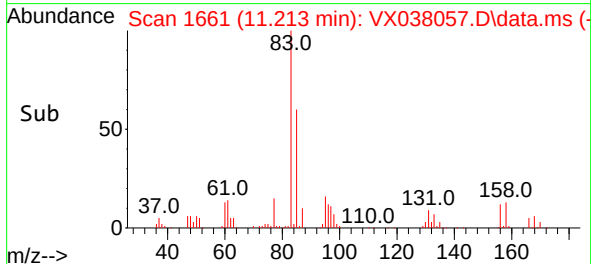
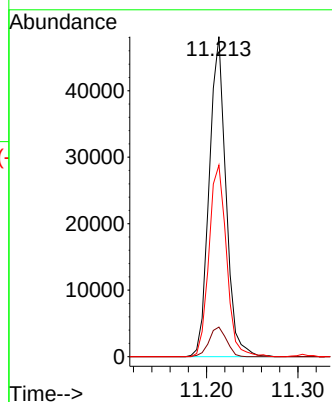
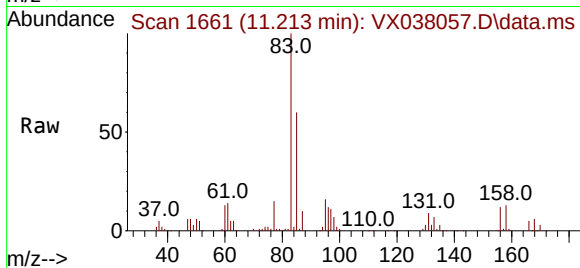
Tgt Ion: 83	Resp: 6113
Ion Ratio	Lower Upper
83 100	
131 9.6	5.3 15.8
85 62.8	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#76

1,2,3-Trichloropropane

Concen: 18.594 ug/l m

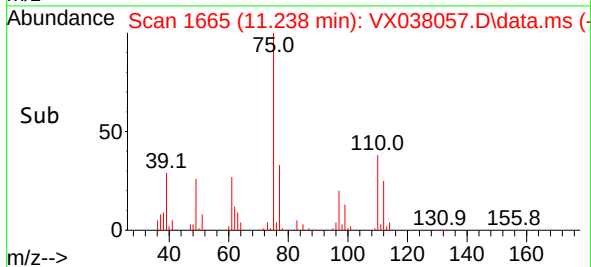
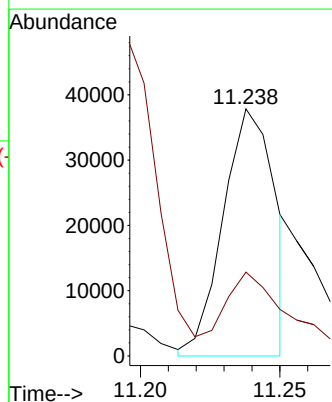
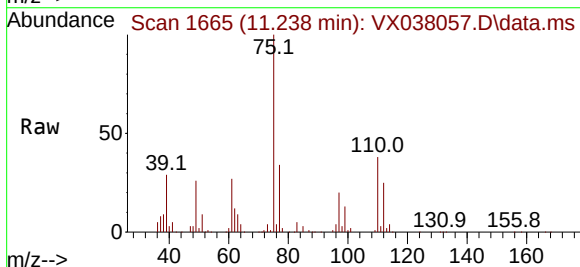
RT: 11.238 min Scan# 1665

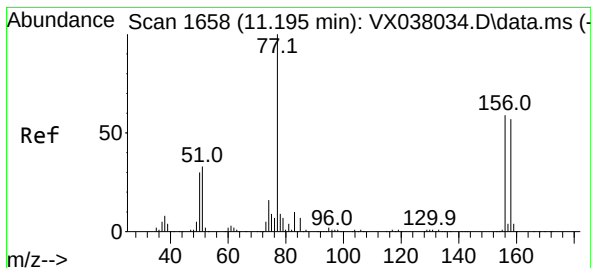
Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Tgt Ion: 75	Resp: 49073
Ion Ratio	Lower Upper
75 100	
77 42.8	19.1 57.5





#77

Bromobenzene

Concen: 20.120 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

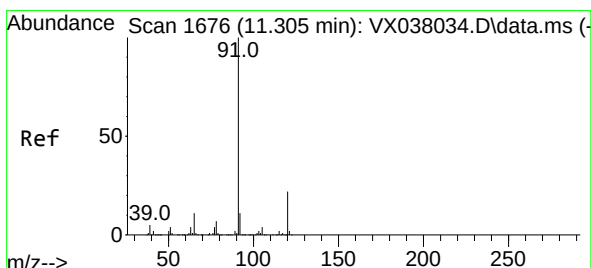
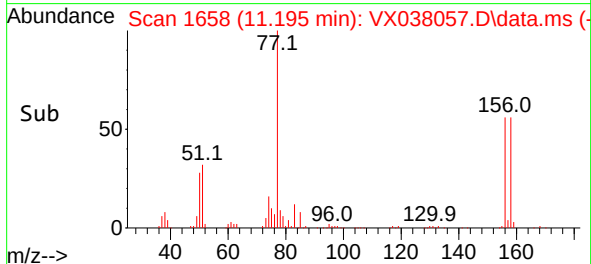
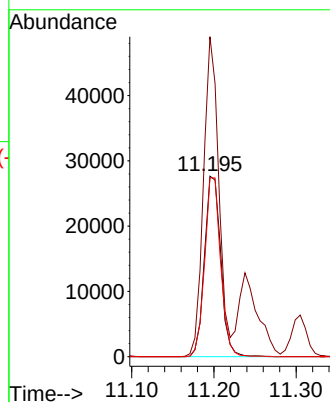
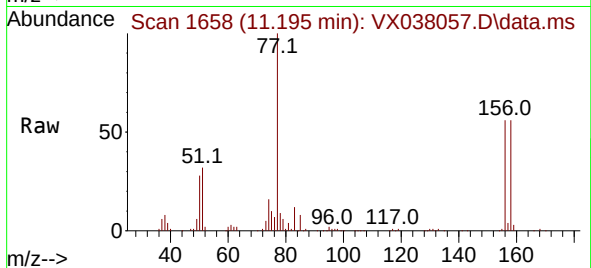
Tgt Ion:	156	Resp:	38139
Ion Ratio	Lower	Upper	
156	100		
77	165.6	88.4	265.3
158	97.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#78

n-propylbenzene

Concen: 20.527 ug/l

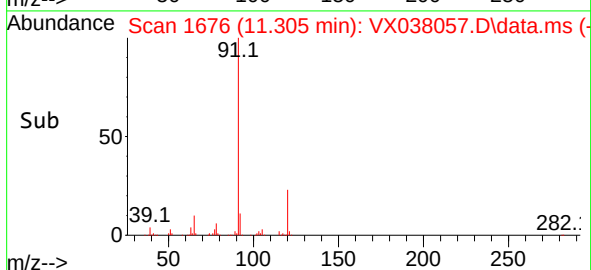
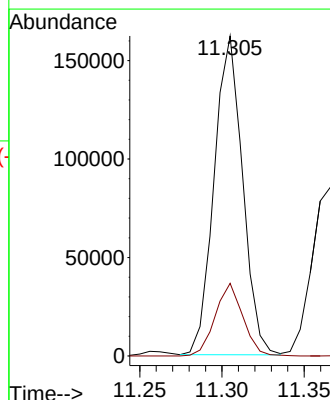
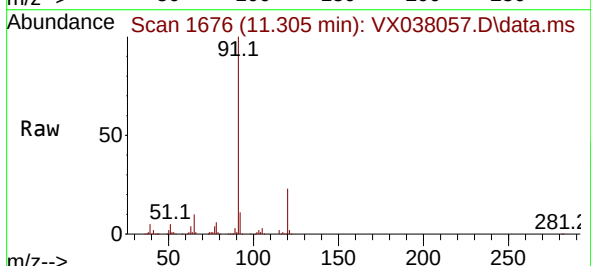
RT: 11.305 min Scan# 1676

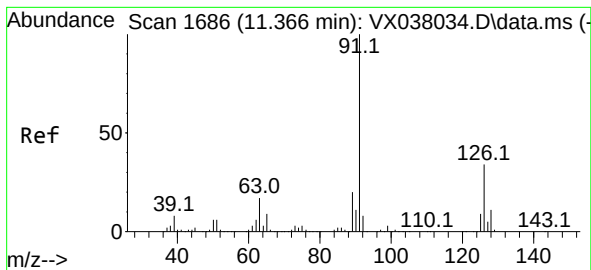
Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Tgt Ion:	91	Resp:	195017
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.5	34.4





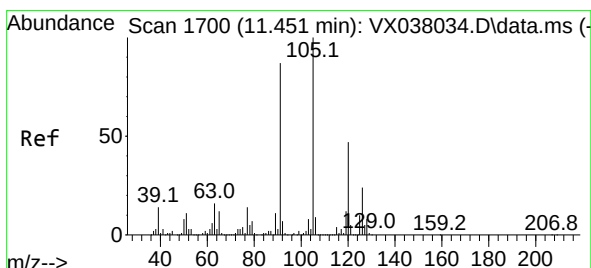
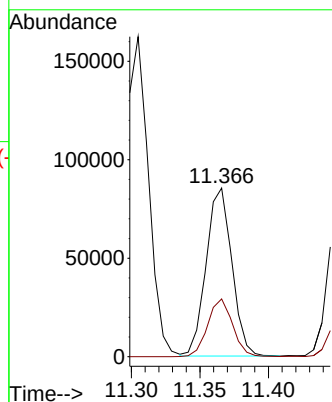
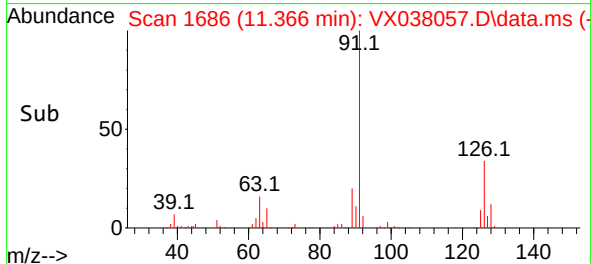
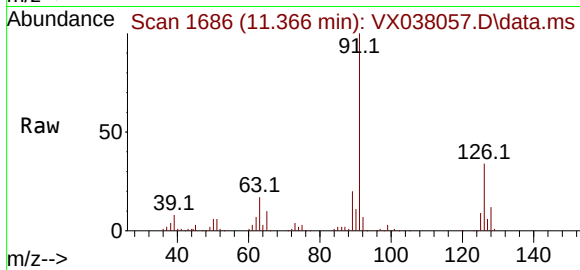
#79
2-Chlorotoluene
Concen: 20.159 ug/l
RT: 11.366 min Scan# 111209
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion: 91 Resp: 111209
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

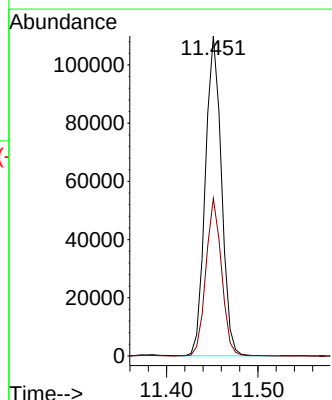
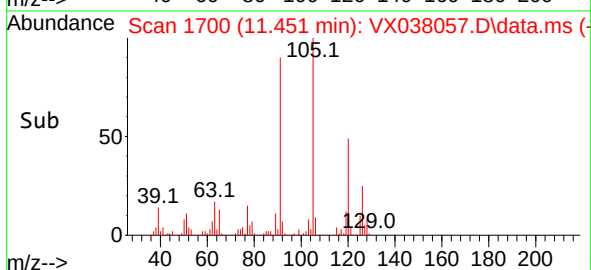
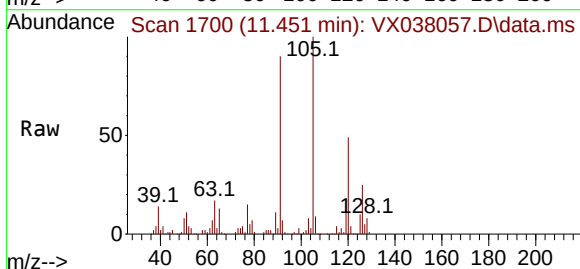
Manual Integrations
APPROVED

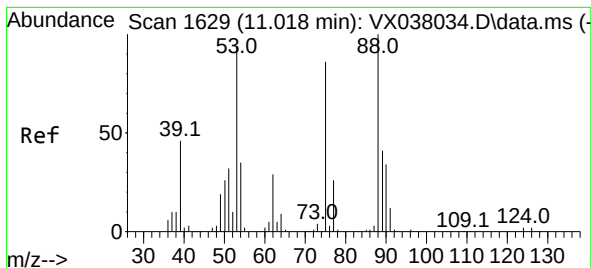
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.381 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Tgt Ion:105 Resp: 134115
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





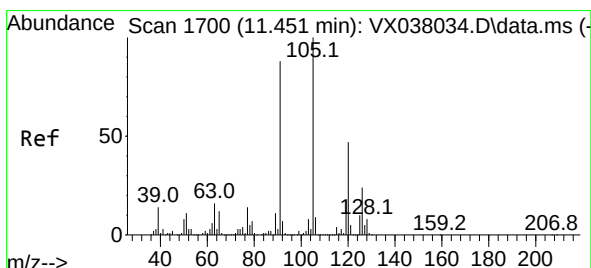
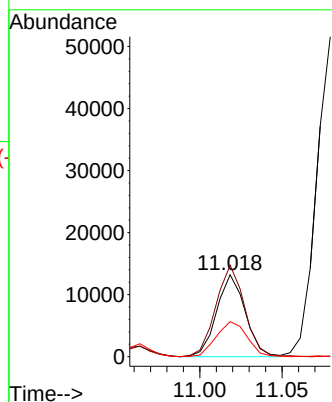
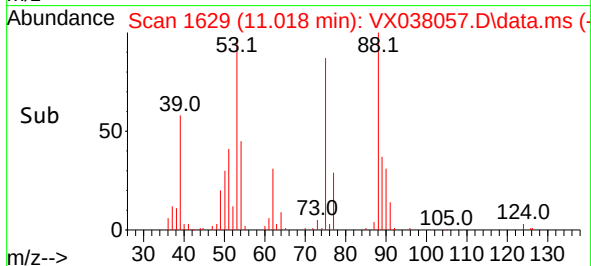
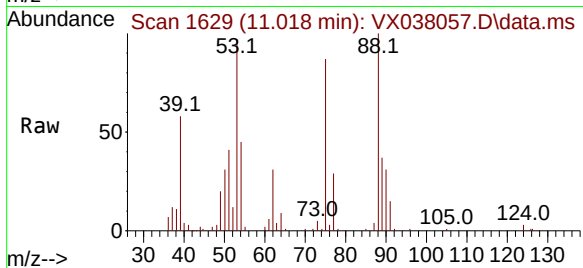
#81
trans-1,4-Dichloro-2-butene
Concen: 20.417 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01

Tgt Ion: 75 Resp: 15958
Ion Ratio Lower Upper
75 100
53 112.4 90.5 135.7
89 46.4 36.9 55.3

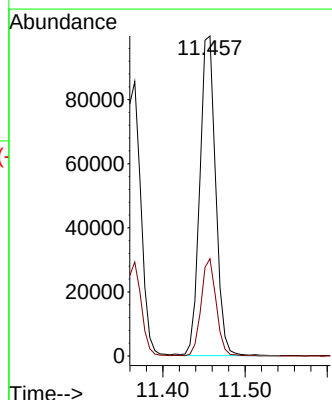
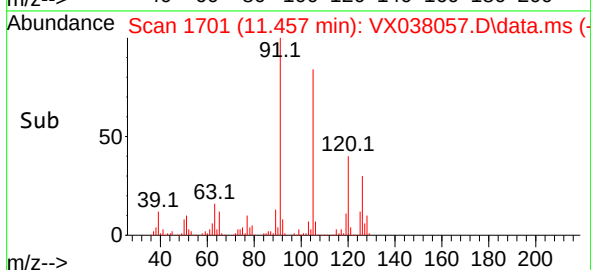
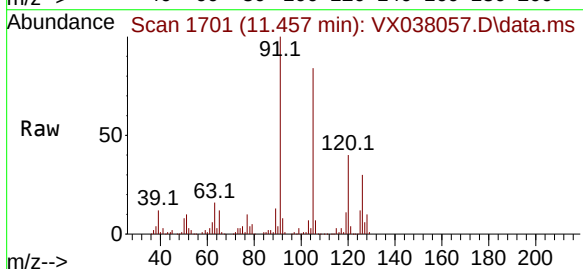
Manual Integrations
APPROVED

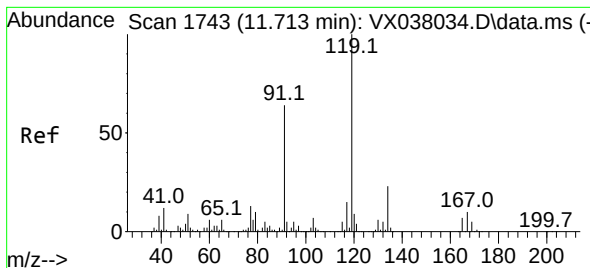
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#82
4-Chlorotoluene
Concen: 20.052 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

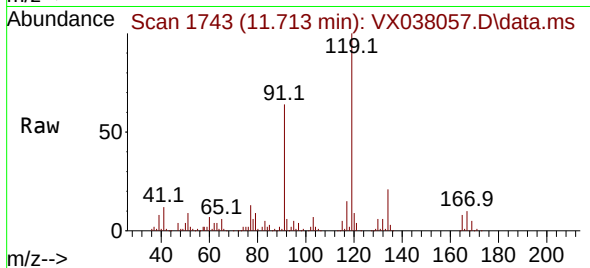
Tgt Ion: 91 Resp: 133329
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.138 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

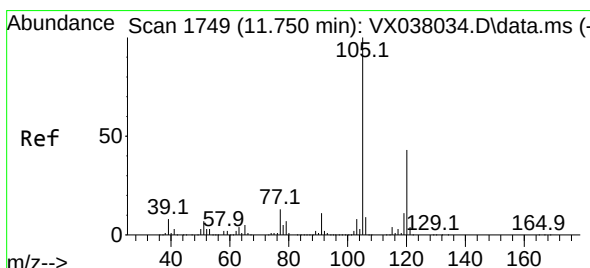
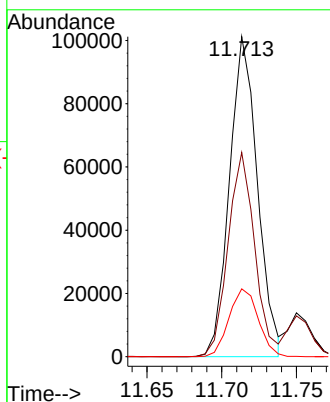
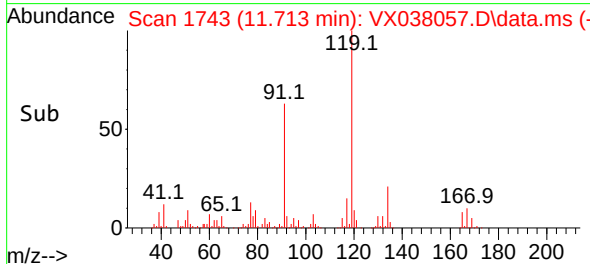
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



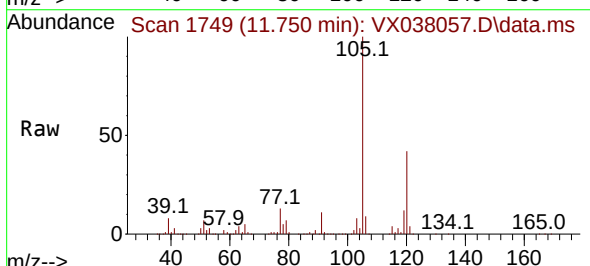
Tgt Ion:119 Resp: 131742
Ion Ratio Lower Upper
119 100
91 61.0 31.2 93.6
134 22.2 11.7 35.0

Manual Integrations
APPROVED

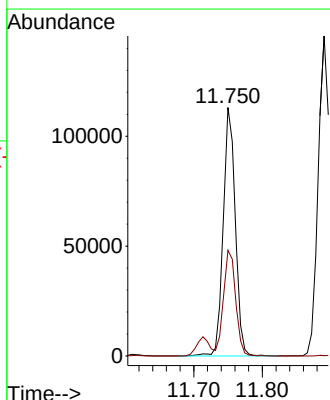
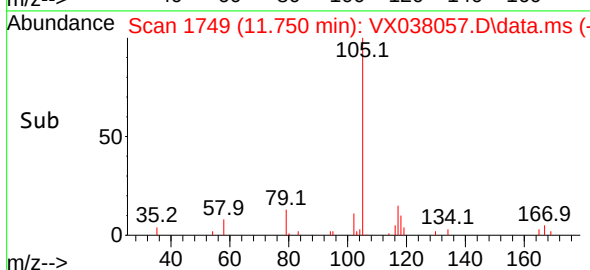
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

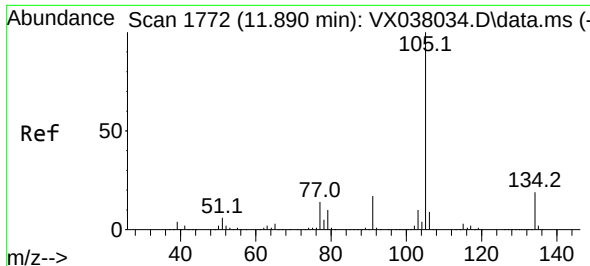


#84
1,2,4-Trimethylbenzene
Concen: 20.740 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01



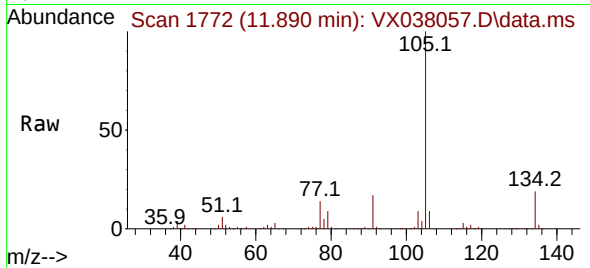
Tgt Ion:105 Resp: 137653
Ion Ratio Lower Upper
105 100
120 42.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.734 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038057.D
 Acq: 04 Oct 2023 12:01

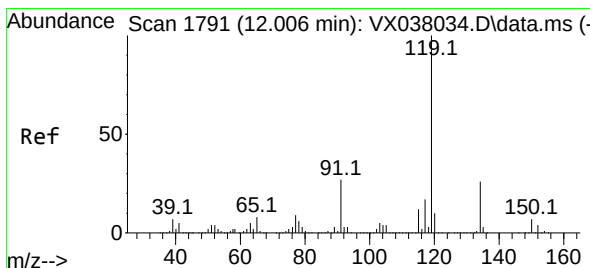
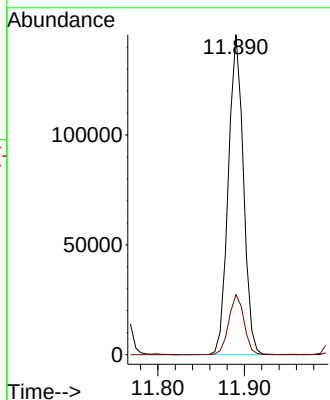
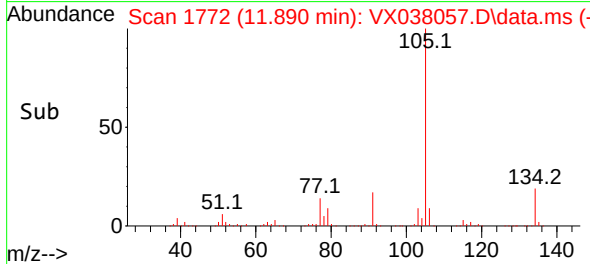
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01



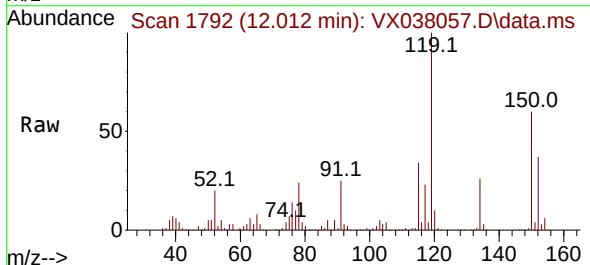
Tgt Ion:105 Resp: 175909
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations
 APPROVED

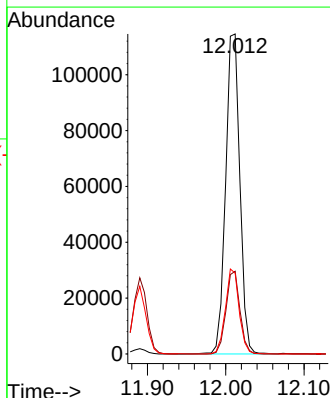
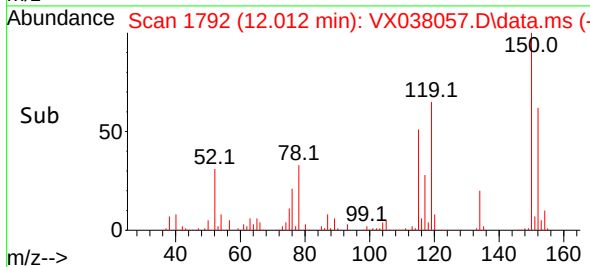
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

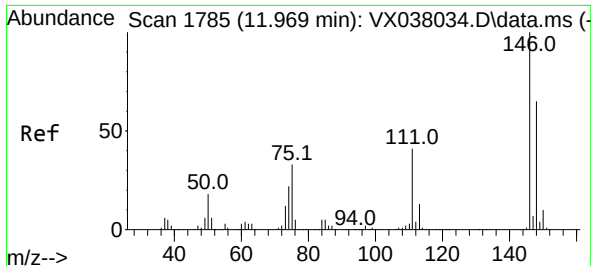


#86
 p-Isopropyltoluene
 Concen: 20.802 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038057.D
 Acq: 04 Oct 2023 12:01



Tgt Ion:119 Resp: 144533
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 25.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.815 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

Tgt Ion:146 Resp: 75318

Ion Ratio Lower Upper

146 100

111 40.8 22.1 66.1

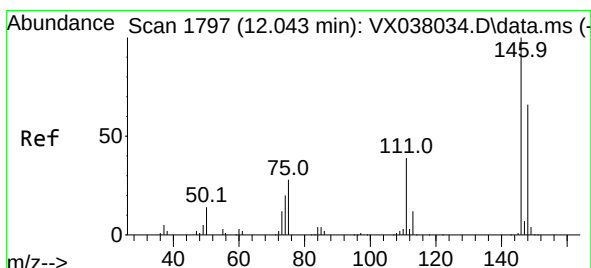
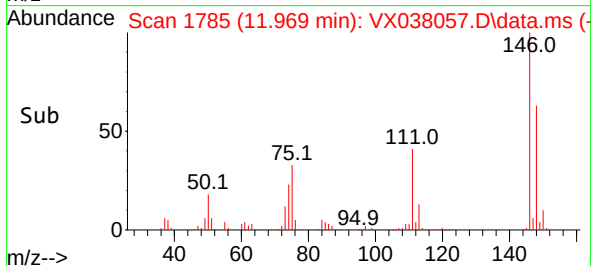
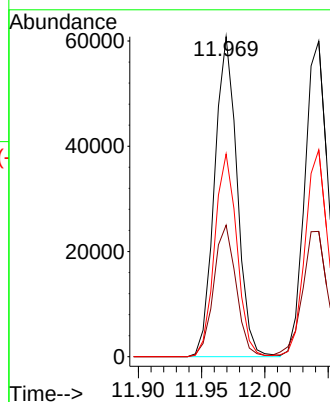
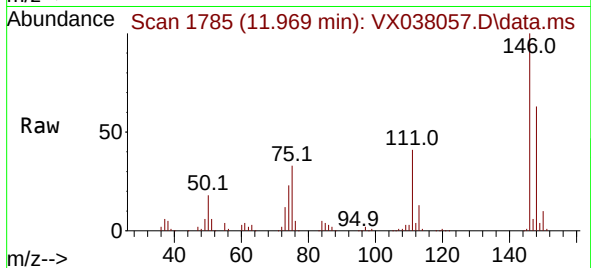
148 62.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#88

1,4-Dichlorobenzene

Concen: 19.243 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

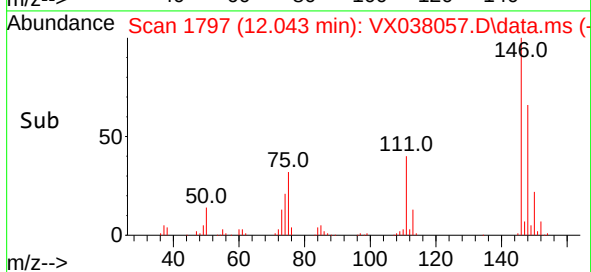
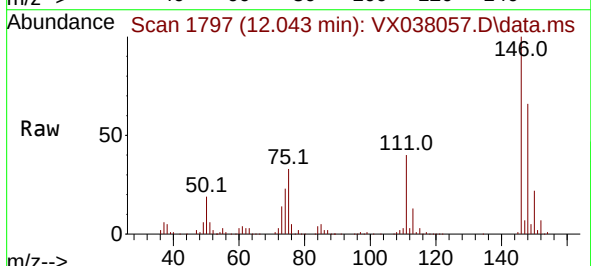
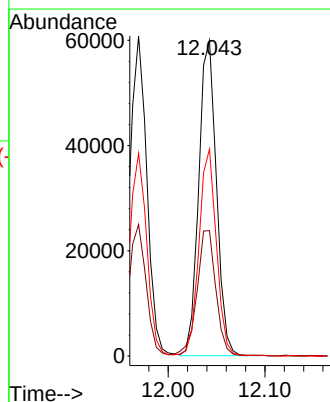
Tgt Ion:146 Resp: 76343

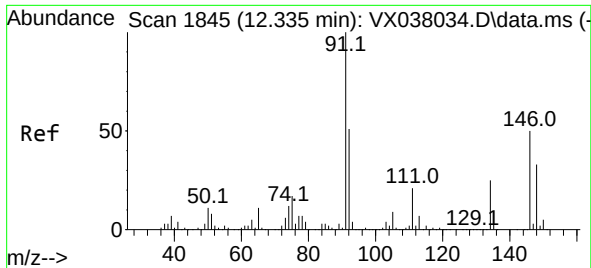
Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.7

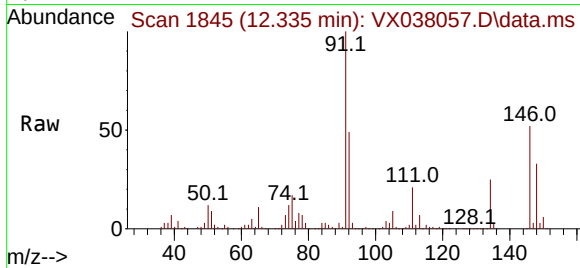
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 20.371 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

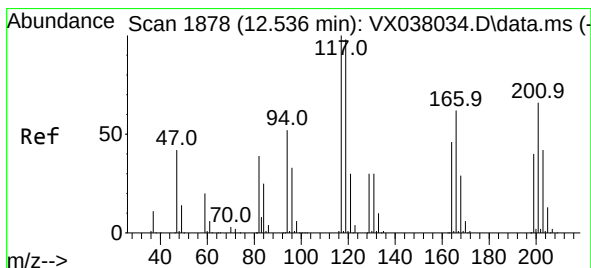
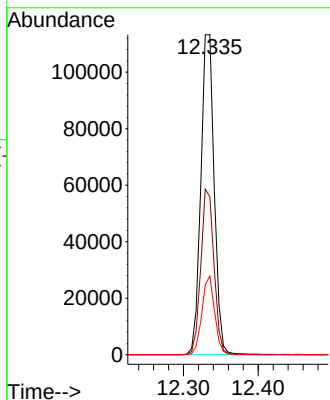
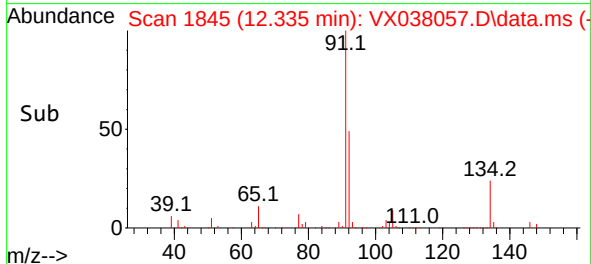
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



Tgt Ion: 91 Resp: 14125
Ion Ratio Lower Upper
91 100
92 51.0 27.4 82.0
134 23.3 12.6 37.8

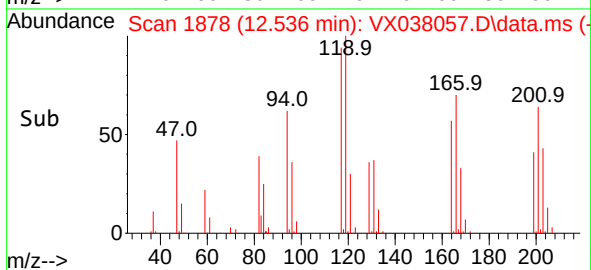
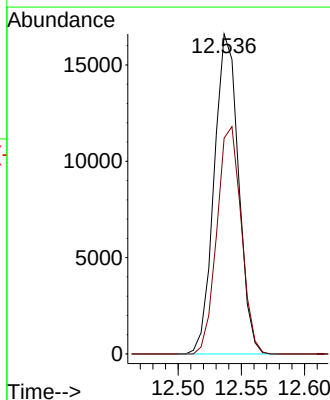
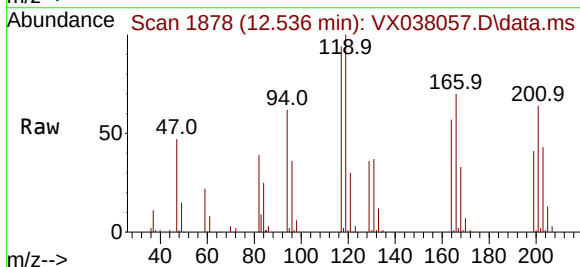
Manual Integrations
APPROVED

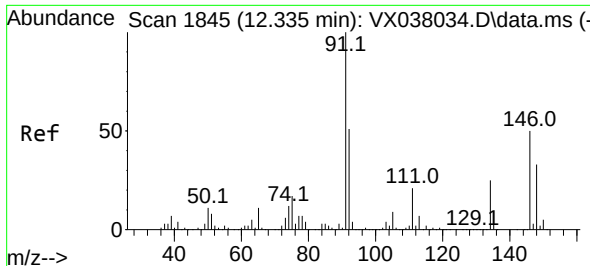
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#90
Hexachloroethane
Concen: 19.609 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

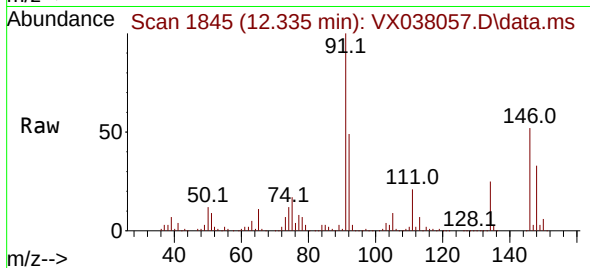
Tgt Ion:117 Resp: 22205
Ion Ratio Lower Upper
117 100
201 71.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.276 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

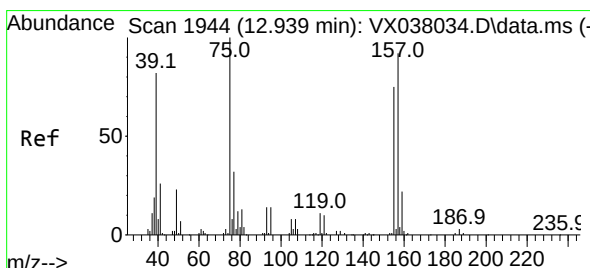
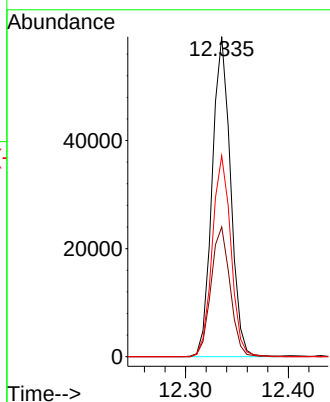
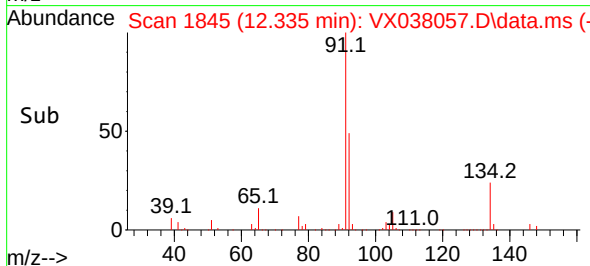
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



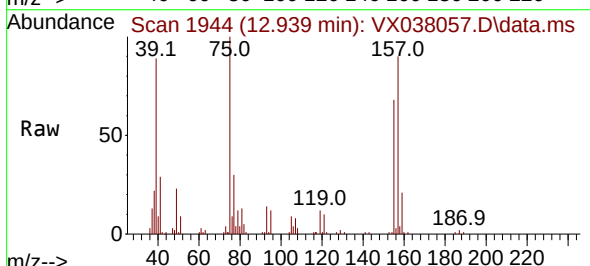
Tgt Ion:146 Resp: 73349
Ion Ratio Lower Upper
146 100
111 42.1 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
APPROVED

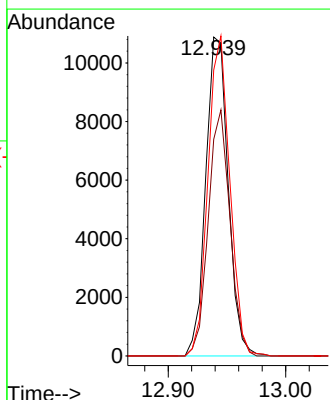
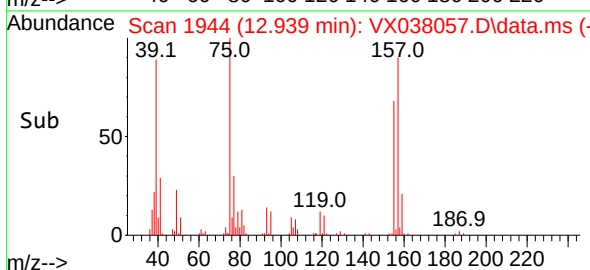
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

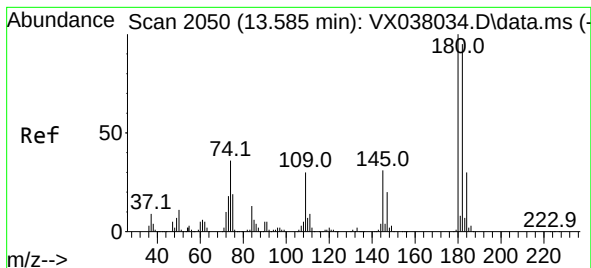


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.923 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01



Tgt Ion: 75 Resp: 14438
Ion Ratio Lower Upper
75 100
155 74.7 36.1 108.5
157 97.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.820 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS01

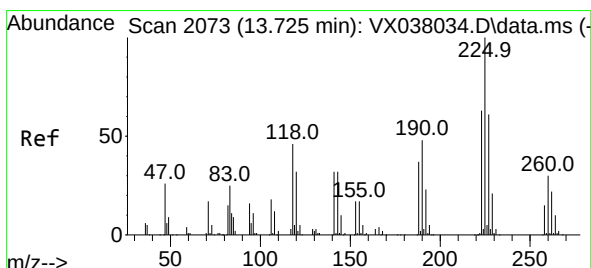
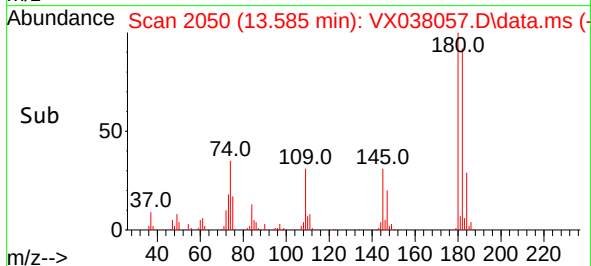
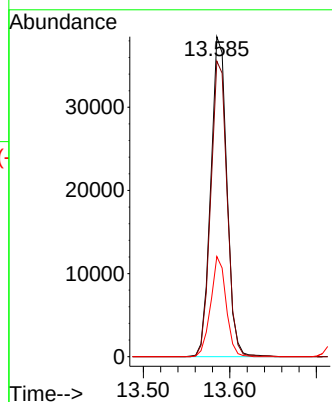
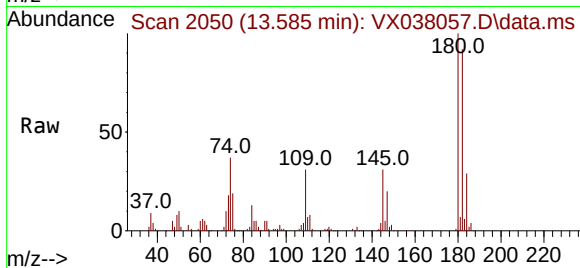
Tgt Ion:180	Resp:	4973
Ion Ratio	Lower	Upper
180	100	
182	93.5	48.3 144.8
145	29.9	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#94

Hexachlorobutadiene

Concen: 19.322 ug/l

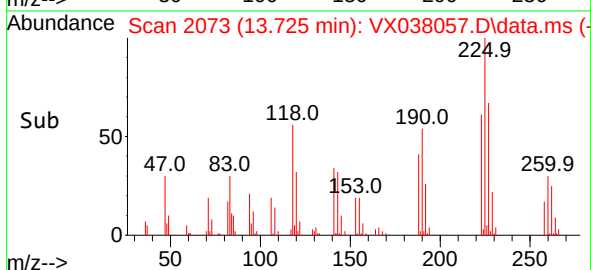
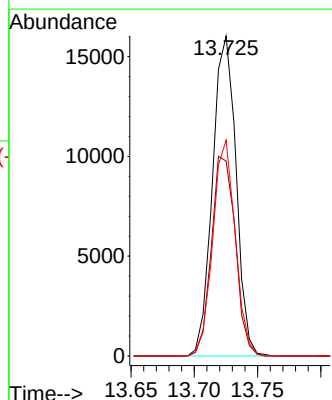
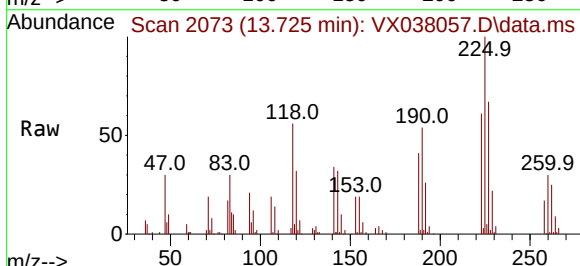
RT: 13.725 min Scan# 2073

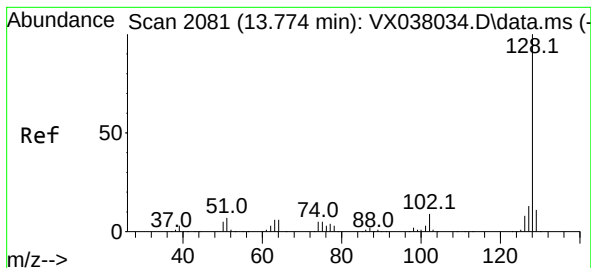
Delta R.T. 0.000 min

Lab File: VX038057.D

Acq: 04 Oct 2023 12:01

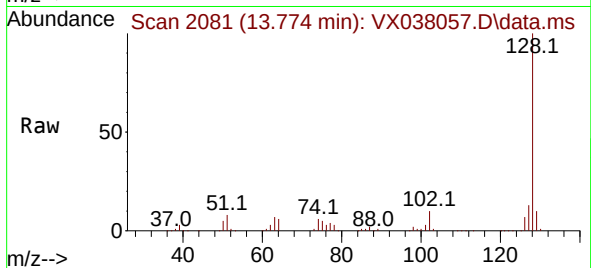
Tgt Ion:225	Resp:	20688
Ion Ratio	Lower	Upper
225	100	
223	63.4	31.1 93.2
227	64.4	32.5 97.5





#95
Naphthalene
Concen: 20.291 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01

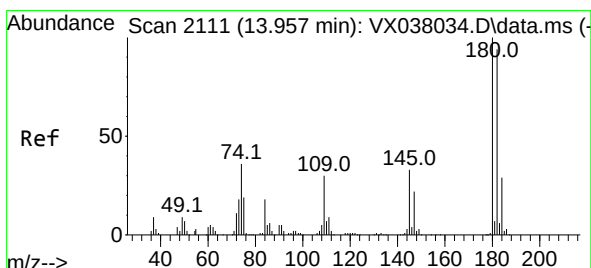
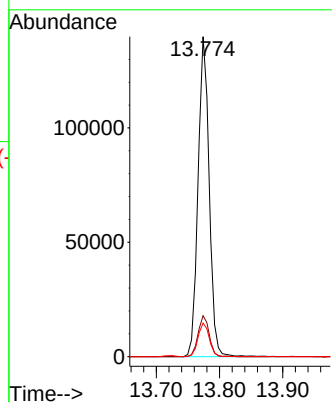
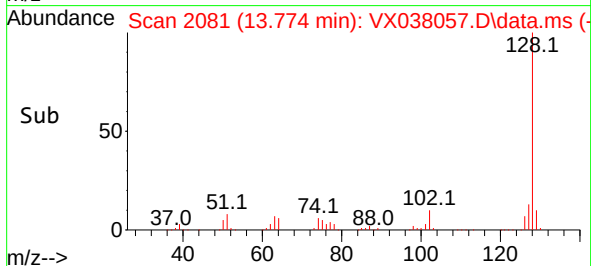
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS01



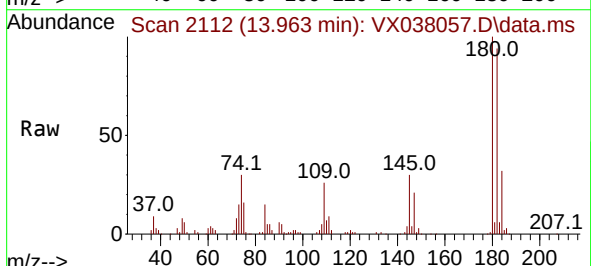
Tgt Ion:128 Resp: 171628
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.712 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038057.D
Acq: 04 Oct 2023 12:01



Tgt Ion:180 Resp: 47832
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 32.2 17.8 53.5

