

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038146.D
 Acq On : 06 Oct 2023 23:29
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Oct 07 06:16:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:04:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

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

Internal Standards						
1) Bromochloromethane	4.904	128	11166	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	84235	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	117020	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	46900	30.745	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.500%			
60) 4-Bromofluorobenzene	11.079	95	75925	31.146	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.833%			
63) Toluene-d8	8.647	98	134143	29.603	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.667%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68741	51.157	ug/l	98
3) Chloromethane	1.300	50	66217	49.753	ug/l	96
4) Vinyl Chloride	1.374	62	78356	50.262	ug/l	97
5) Bromomethane	1.593	94	102255	54.208	ug/l	97
6) Chloroethane	1.685	64	66105	49.783	ug/l	92
7) Trichlorofluoromethane	1.886	101	167302	50.387	ug/l	100
8) Diethyl Ether	2.130	74	60434	49.893	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	62659	49.406	ug/l	97
10) 1,1-Dichloroethene	2.319	96	61934	50.125	ug/l	98
11) Methyl Iodide	2.453	142	93364	50.707	ug/l	98
12) Methyl Acetate	2.703	43	199328	47.401	ug/l	99
13) Acrolein	2.233	56	68995	261.728	ug/l	96
14) Acrylonitrile	3.062	53	251480	255.167	ug/l	97
15) Acetone	2.380	58	66287	252.592	ug/l	92
16) Carbon Disulfide	2.514	76	166664	50.480	ug/l	99
17) Allyl chloride	2.666	41	107232	51.644	ug/l	92
18) Methylene Chloride	2.788	84	78293	48.598	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	76659	49.542	ug/l	99
20) Diisopropyl ether	3.757	45	236369	51.874	ug/l #	86
21) 1,1-Dichloroethane	3.611	63	141278	50.946	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	92067	50.520	ug/l	97
23) tert-Butyl Alcohol	2.959	59	112854	260.079	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	245266	50.565	ug/l	98
25) Chloroform	5.093	83	163199	51.828	ug/l	99
26) Cyclohexane	5.477	56	122482	52.214	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	116057	52.075	ug/l	99
30) 2-Butanone	4.556	43	372803	260.253	ug/l	97
31) 2,2-Dichloropropane	4.477	77	84928	51.586	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	137923	51.793	ug/l	99
33) Carbon Tetrachloride	5.678	117	117702	52.168	ug/l	97
34) Benzene	6.037	78	341220	51.757	ug/l	98
35) Methacrylonitrile	4.922	41	70271	52.399	ug/l	94
36) 1,2-Dichloroethane	6.086	62	133601	52.235	ug/l	99
37) Trichloroethene	7.129	130	88877	51.186	ug/l	97
38) Methylcyclohexane	7.379	83	136927	51.580	ug/l	96
39) 1,2-Dichloropropane	7.434	63	86345	52.248	ug/l	96
40) Dibromomethane	7.580	93	67086	51.950	ug/l	97
41) Bromodichloromethane	7.824	83	121601	52.529	ug/l	97
42) Vinyl Acetate	3.721	43	860094	272.803	ug/l	100

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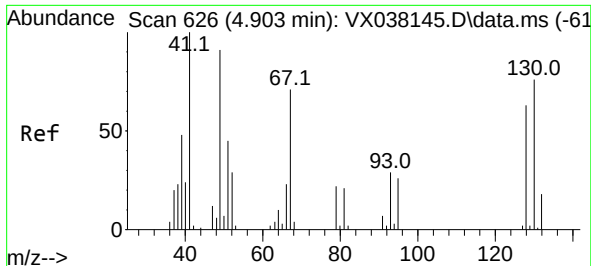
Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 10/09/2023

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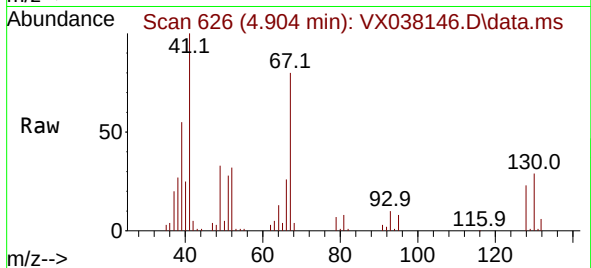
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	139049	52.476	ug/l	98
44) Isopropyl Acetate	6.342	43	210904	53.466	ug/l	99
45) 1,4-Dioxane	7.659	88	53028	1057.859	ug/l #	1
46) Methyl methacrylate	7.696	41	102108	52.503	ug/l	97
47) n-amyl Acetate	10.841	43	197108	57.559	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	130024	54.644	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	133274	52.828	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	95539	52.404	ug/l	99
51) Ethyl methacrylate	9.116	69	147707	54.098	ug/l	96
52) 1,3-Dichloropropane	9.311	76	155855	52.568	ug/l	100
53) Dibromochloromethane	9.525	129	99201	54.927	ug/l	100
54) 1,2-Dibromoethane	9.610	107	107117	53.769	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	348834	253.125	ug/l	99
56) Bromoform	10.799	173	74720	55.358	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	755103	257.804	ug/l	97
59) 2-Hexanone	9.427	43	621977	264.126	ug/l	98
61) Tetrachloroethene	9.275	164	80410	50.289	ug/l	97
62) Toluene	8.720	91	400088	51.315	ug/l	99
64) Chlorobenzene	10.079	112	250579	51.323	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	90401	53.116	ug/l	99
66) Ethyl Benzene	10.195	91	458998	51.917	ug/l	99
67) m/p-Xylenes	10.299	106	357805	104.322	ug/l	97
68) o-Xylene	10.640	106	175699	52.795	ug/l	96
69) Styrene	10.652	104	294528	53.261	ug/l	99
70) Isopropylbenzene	10.963	105	461800	52.618	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	172146	53.216	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	156564m	53.216	ug/l	
73) Bromobenzene	11.195	156	113459	52.208	ug/l	97
74) n-propylbenzene	11.305	91	562045	52.698	ug/l	99
75) 2-Chlorotoluene	11.366	91	328047	52.346	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	404066	52.685	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	45387	56.675	ug/l	94
78) 4-Chlorotoluene	11.457	91	392149	52.620	ug/l	100
79) tert-butylbenzene	11.713	119	389811	53.505	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	398960	53.277	ug/l	98
81) sec-Butylbenzene	11.890	105	510326	53.544	ug/l	98
82) p-Isopropyltoluene	12.006	119	423105	53.699	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	221109	52.169	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	226524	52.491	ug/l	99
85) n-Butylbenzene	12.335	91	399103	53.086	ug/l	99
86) Hexachloroethane	12.536	117	71968	55.253	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	215436	52.441	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	42130	56.237	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	138371	51.883	ug/l	99
90) Hexachlorobutadiene	13.725	225	56242	52.426	ug/l	97
91) Naphthalene	13.774	128	490200	53.669	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	136619	52.331	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX038146.D
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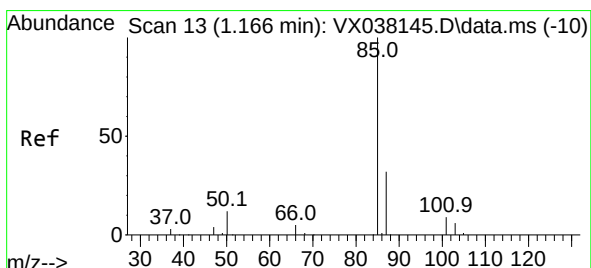
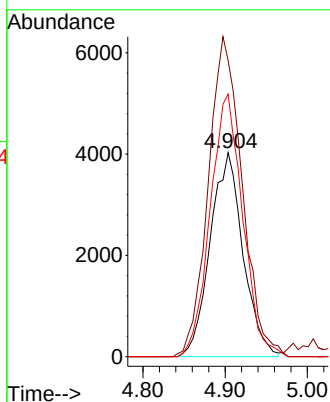
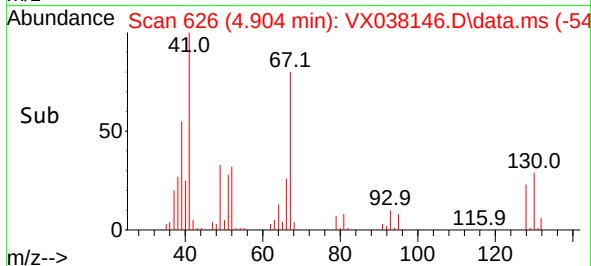
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 11160
Ion Ratio Lower Upper
128 100
49 161.9 0.0 406.3
130 128.0 0.0 328.0

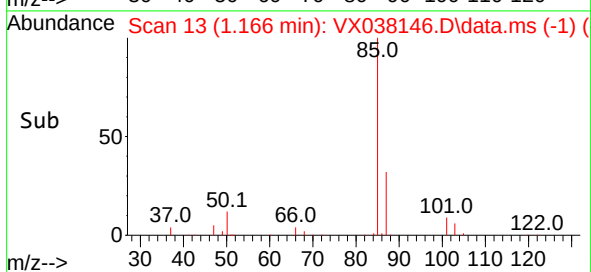
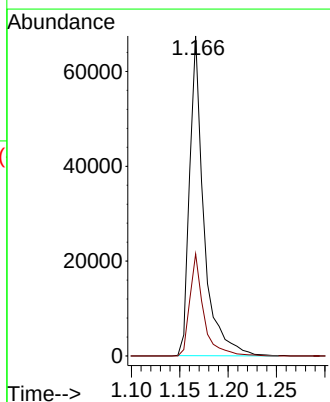
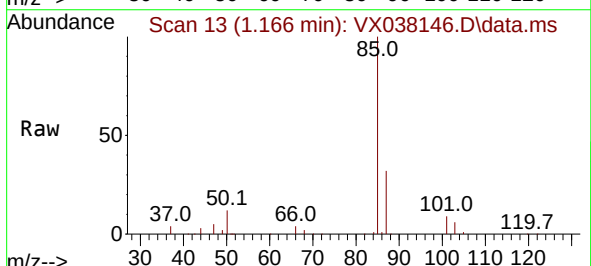
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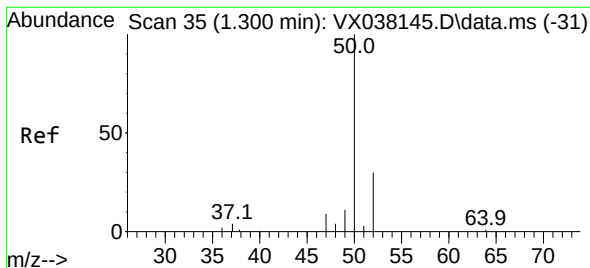
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#2
Dichlorodifluoromethane
Concen: 51.157 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion: 85 Resp: 68741
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.4





#3

Chloromethane

Concen: 49.753 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 50 Resp: 6621

Ion Ratio Lower Upper

50 100

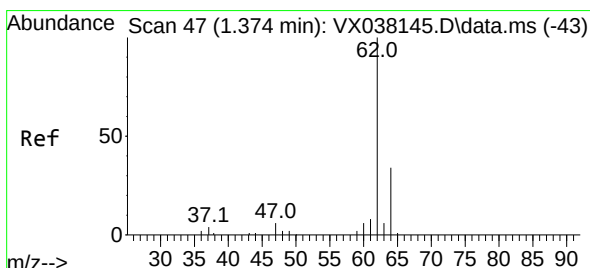
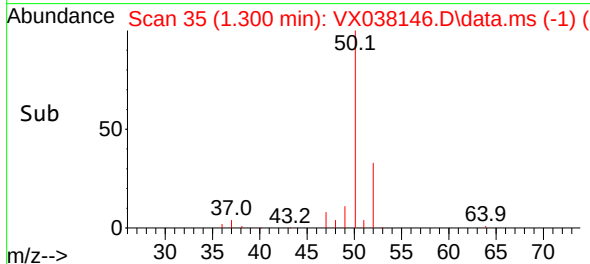
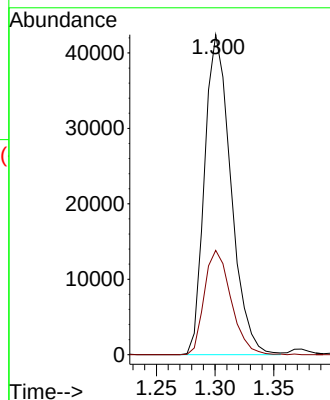
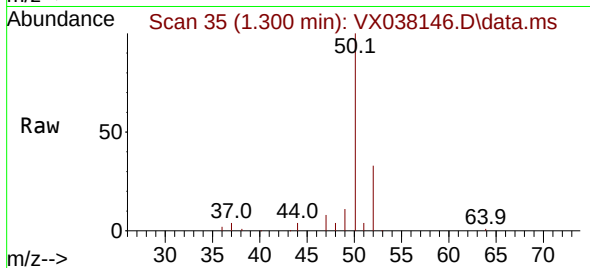
52 32.6 24.5 36.7

Manual Integrations

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Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#4

Vinyl Chloride

Concen: 50.262 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038146.D

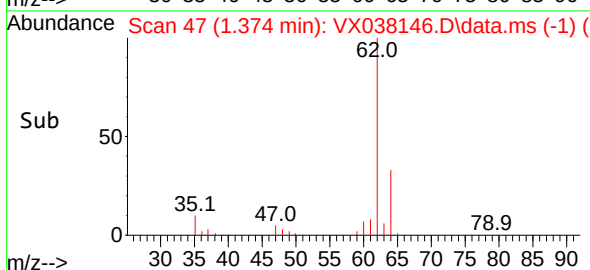
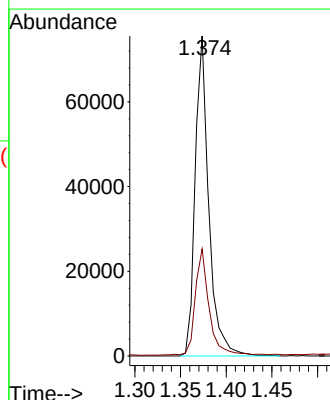
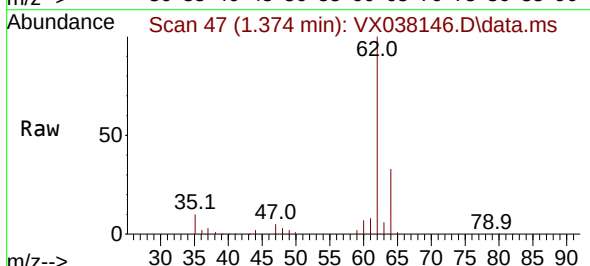
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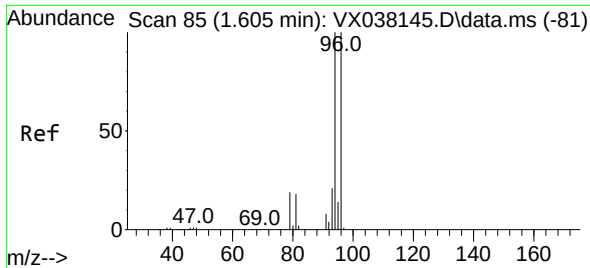
Tgt Ion: 62 Resp: 78356

Ion Ratio Lower Upper

62 100

64 33.0 25.3 37.9





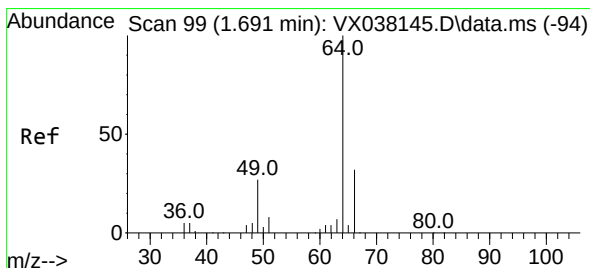
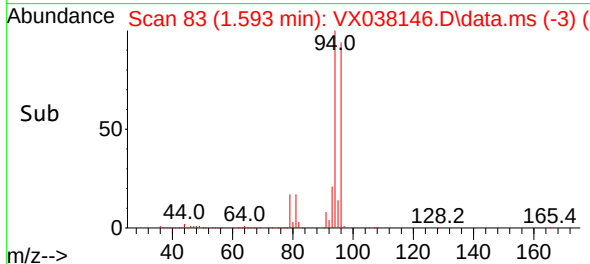
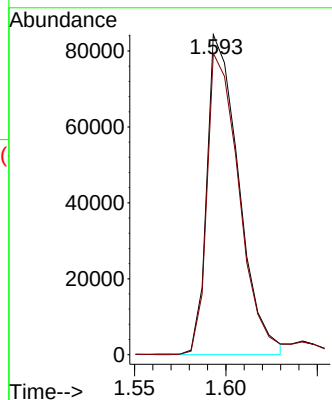
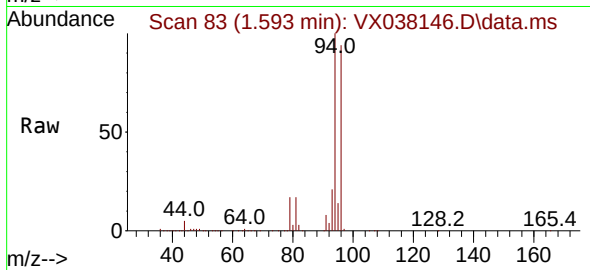
#5
Bromomethane
Concen: 54.208 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 94 Resp: 10225
Ion Ratio Lower Upper
94 100
96 94.2 77.4 116.2

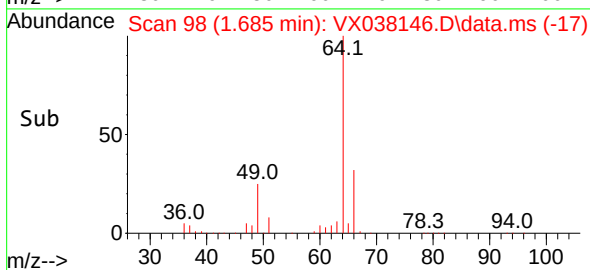
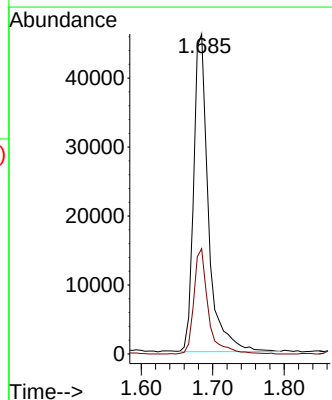
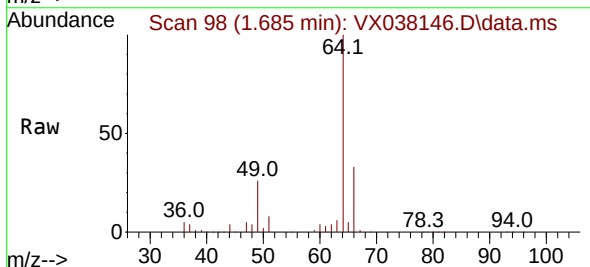
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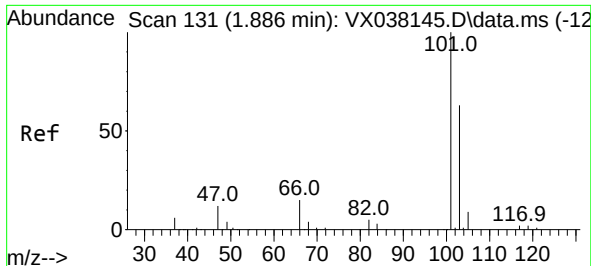
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#6
Chloroethane
Concen: 49.783 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

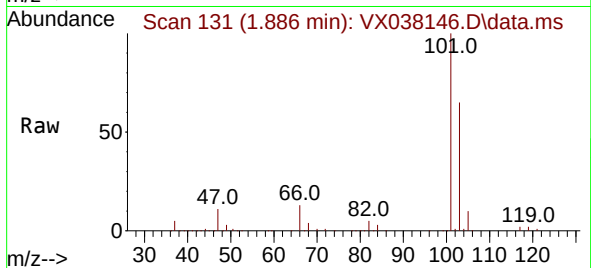
Tgt Ion: 64 Resp: 66105
Ion Ratio Lower Upper
64 100
66 33.1 23.1 34.7





#7
 Trichlorofluoromethane
 Concen: 50.387 ug/l
 RT: 1.886 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VX038146.D
 Acq: 06 Oct 2023 23:29

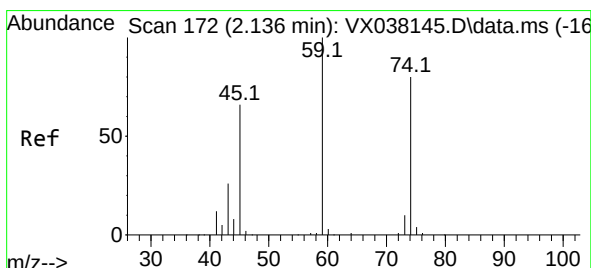
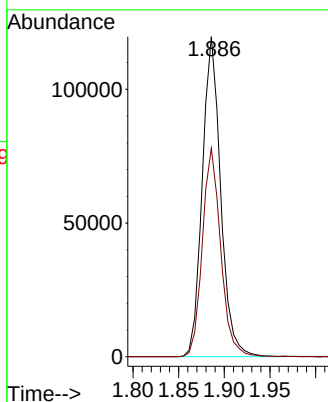
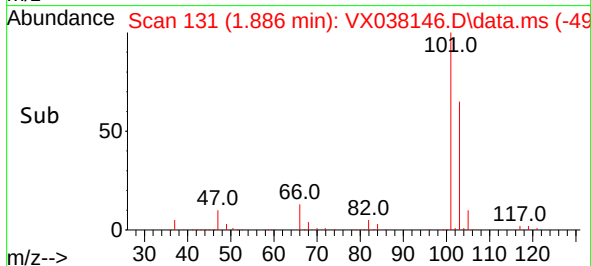
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



Tgt Ion:101 Resp: 167302
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.2

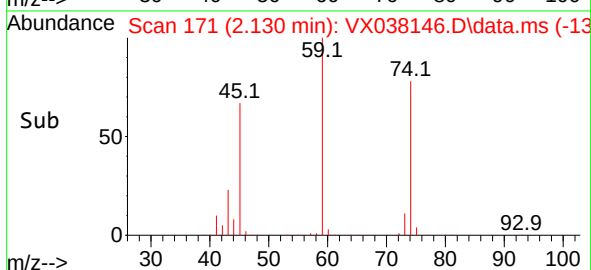
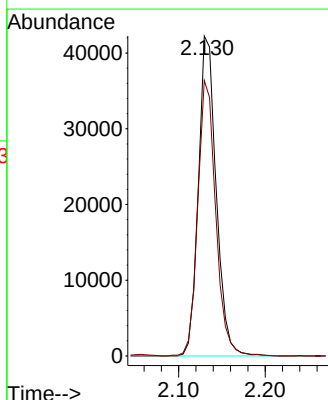
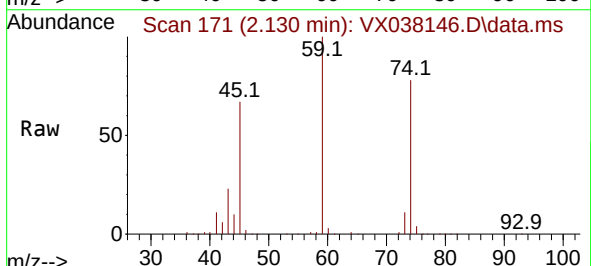
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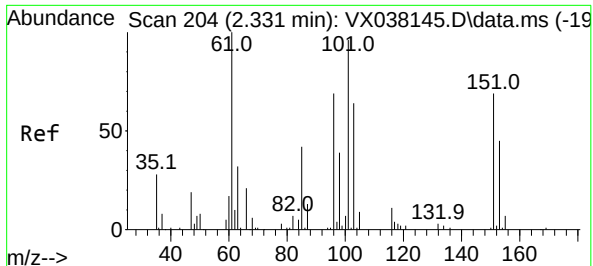
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023



#8
 Diethyl Ether
 Concen: 49.893 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX038146.D
 Acq: 06 Oct 2023 23:29

Tgt Ion: 74 Resp: 60434
 Ion Ratio Lower Upper
 74 100
 45 86.9 19.9 178.9





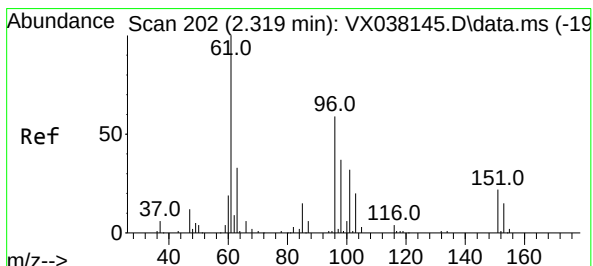
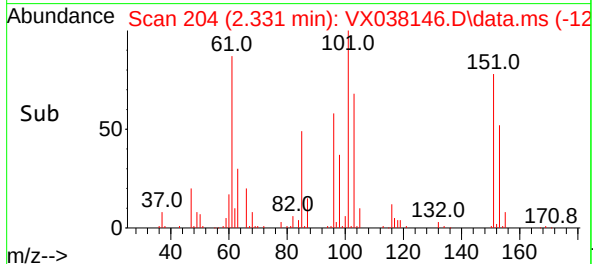
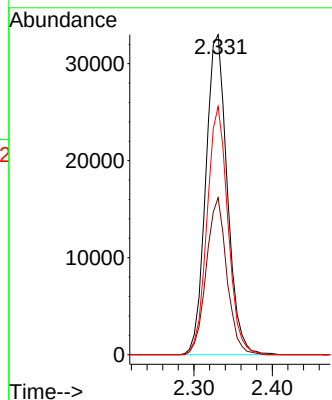
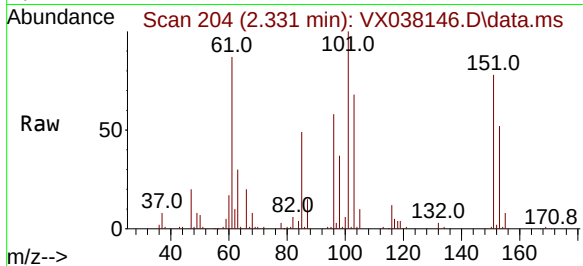
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.406 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 62659
Ion Ratio Lower Upper
101 100
85 47.0 0.0 91.0
151 75.4 0.0 155.4

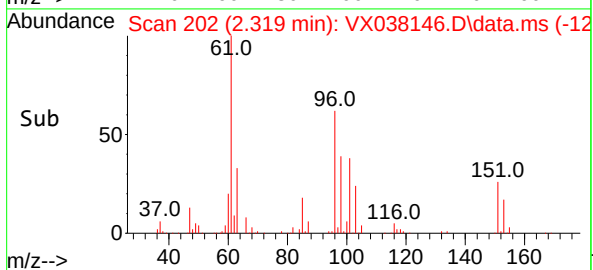
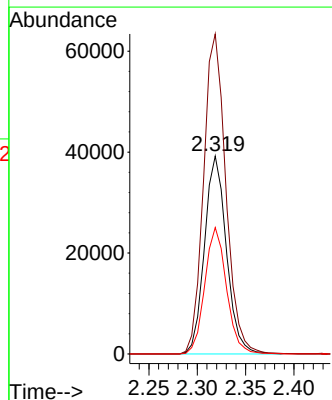
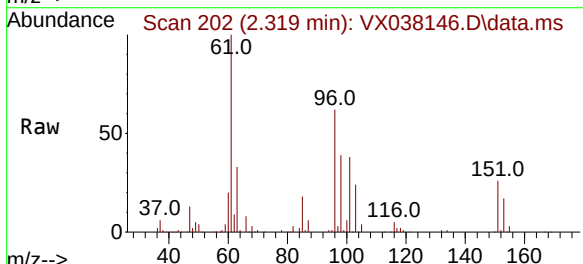
Manual Integrations
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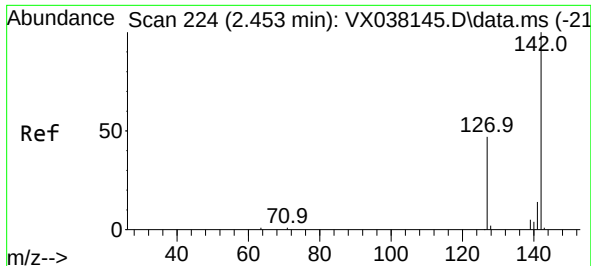
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#10
1,1-Dichloroethene
Concen: 50.125 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion: 96 Resp: 61934
Ion Ratio Lower Upper
96 100
61 161.7 127.2 190.8
98 63.9 52.7 79.1





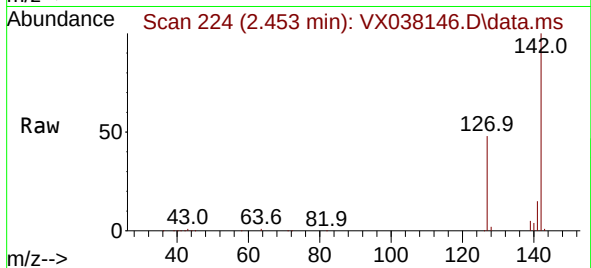
#11
Methyl Iodide
Concen: 50.707 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050



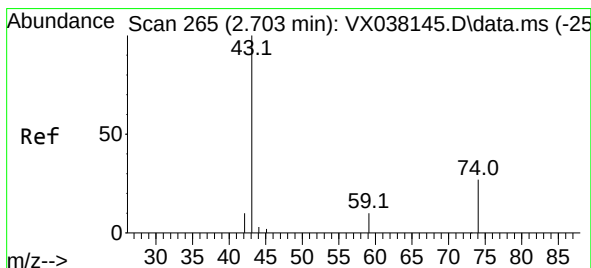
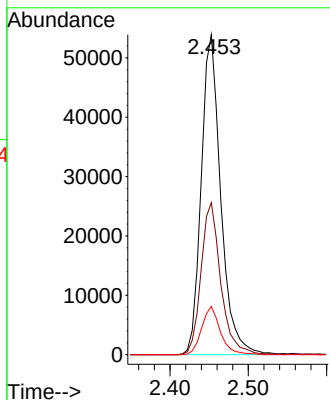
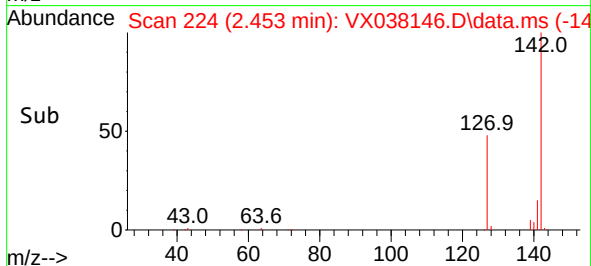
Tgt Ion:142 Resp: 93364
Ion Ratio Lower Upper
142 100
127 47.5 22.9 68.8
141 15.1 7.5 22.6

Manual Integrations

APPROVED

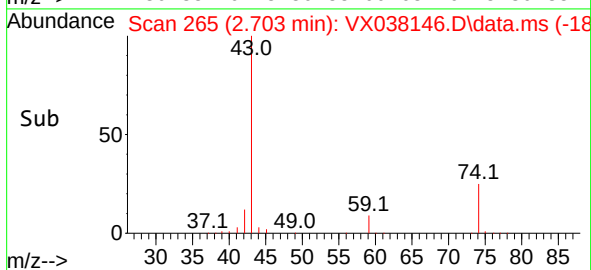
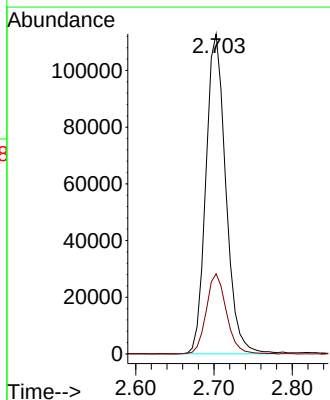
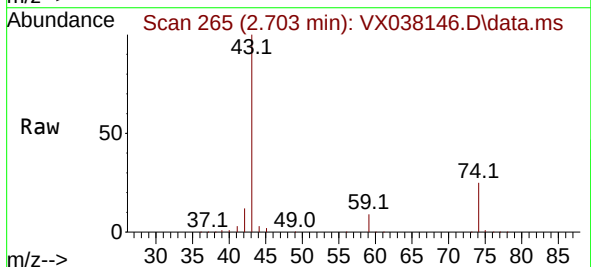
Reviewed By :John Carlone 10/09/2023

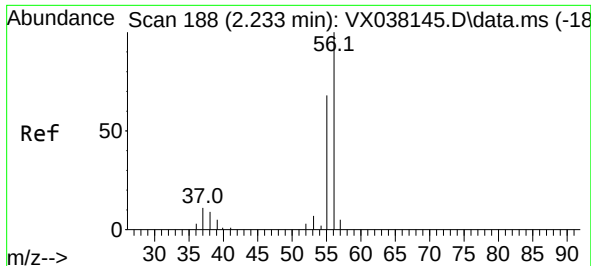
Supervised By :Mahesh Dadoda 10/09/2023



#12
Methyl Acetate
Concen: 47.401 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

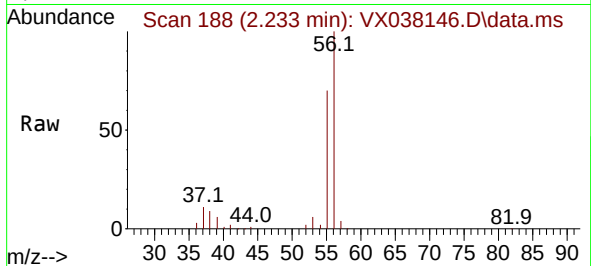
Tgt Ion: 43 Resp: 199328
Ion Ratio Lower Upper
43 100
74 25.1 20.3 30.5





#13
Acrolein
Concen: 261.728 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

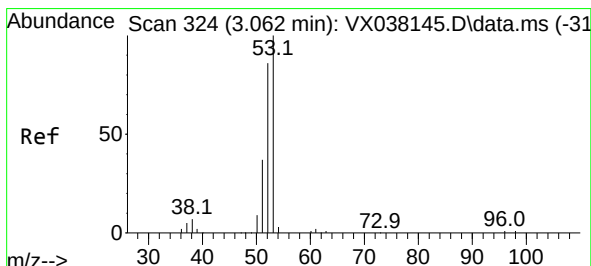
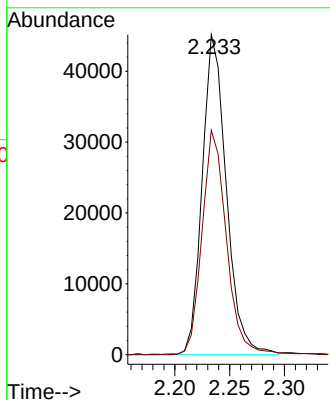
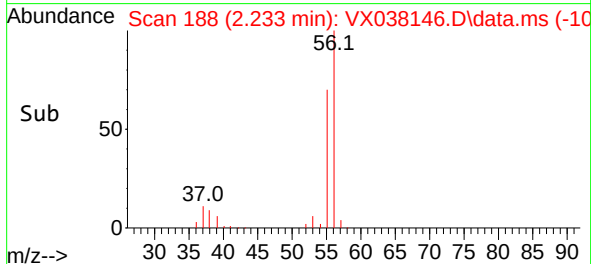
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 56 Resp: 6899
Ion Ratio Lower Upper
56 100
55 70.8 59.7 89.5

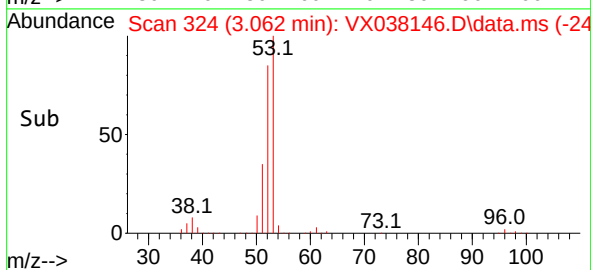
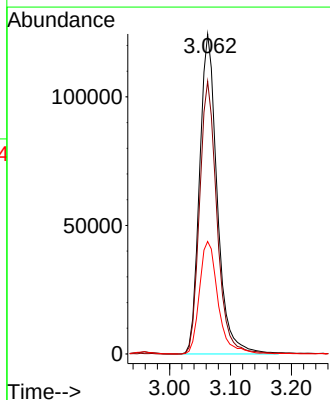
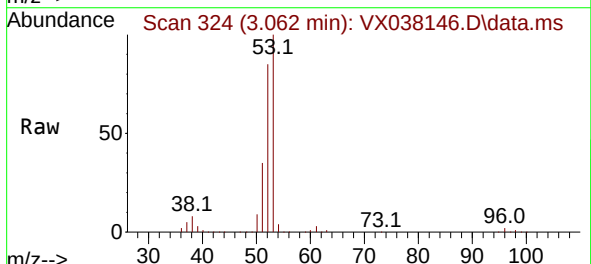
Manual Integrations
APPROVED

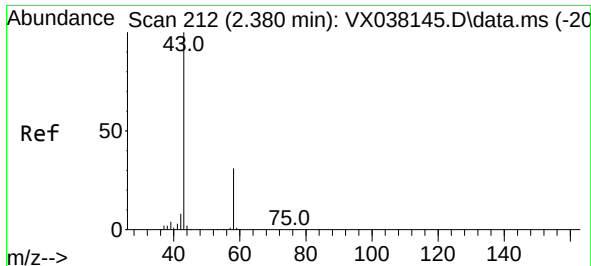
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#14
Acrylonitrile
Concen: 255.167 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion: 53 Resp: 251480
Ion Ratio Lower Upper
53 100
52 83.6 40.0 119.9
51 36.9 18.2 54.6





#15

Acetone

Concen: 252.592 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 58 Resp: 6628

Ion Ratio Lower Upper

58 100

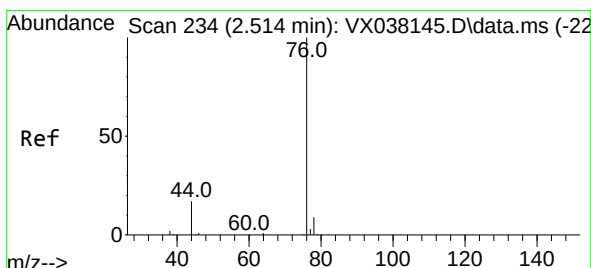
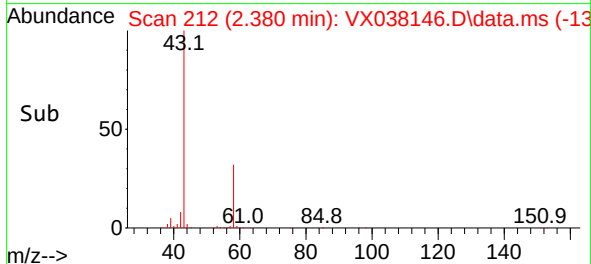
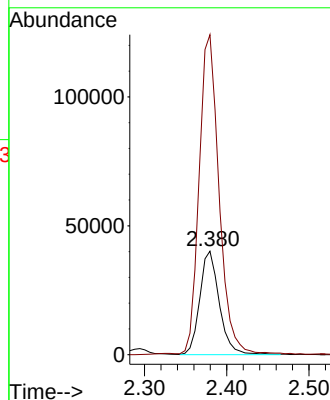
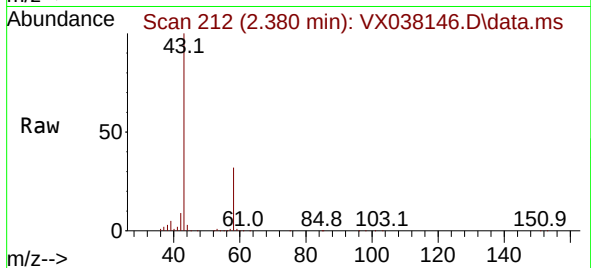
43 308.7 261.0 391.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#16

Carbon Disulfide

Concen: 50.480 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX038146.D

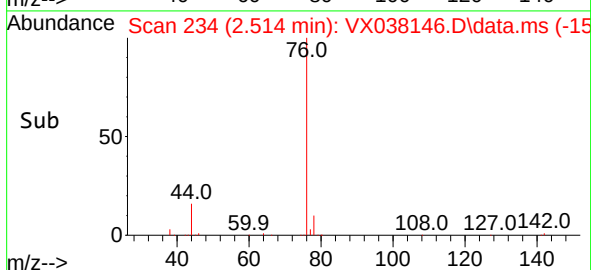
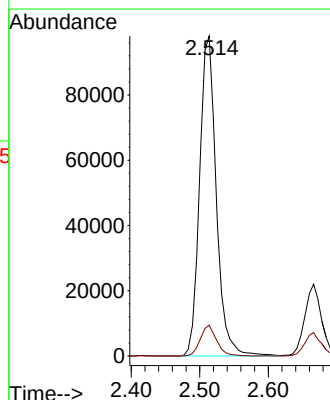
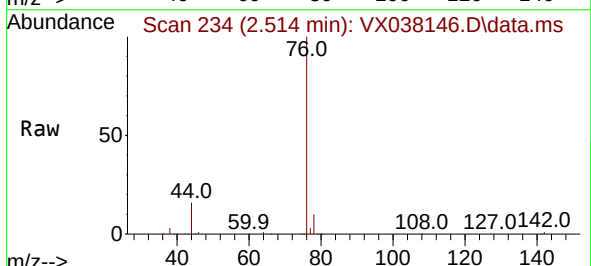
Acq: 06 Oct 2023 23:29

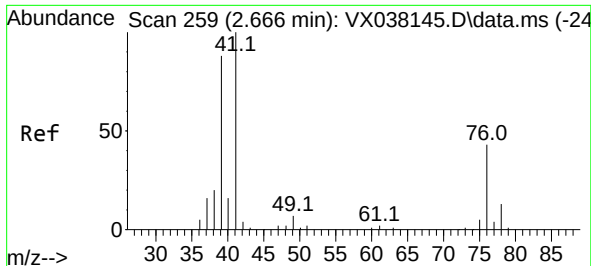
Tgt Ion: 76 Resp: 166664

Ion Ratio Lower Upper

76 100

78 9.6 8.0 12.0





#17

Allyl chloride

Concen: 51.644 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 41 Resp: 10723

Ion Ratio Lower Upper

41 100

39 83.4 38.5 115.3

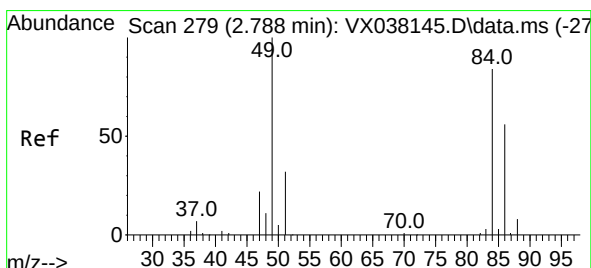
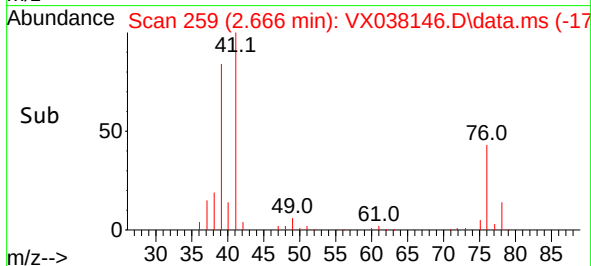
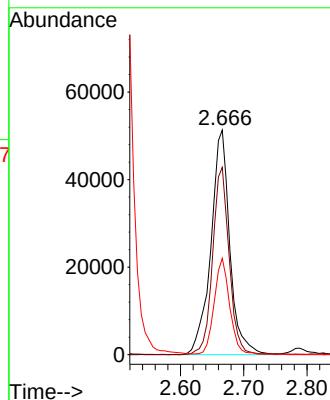
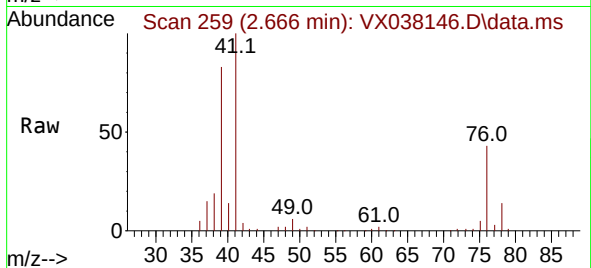
76 42.7 18.6 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#18

Methylene Chloride

Concen: 48.598 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Tgt Ion: 84 Resp: 78293

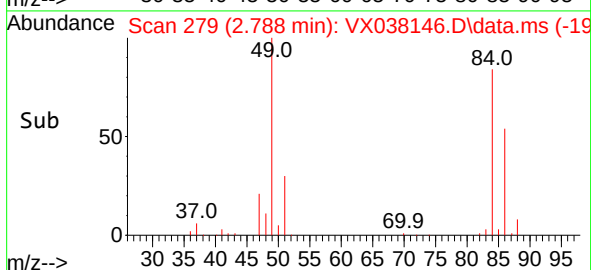
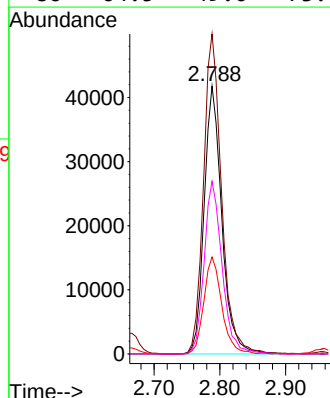
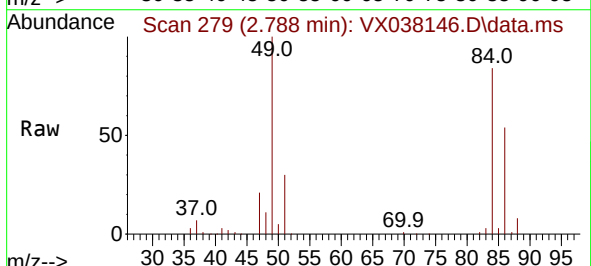
Ion Ratio Lower Upper

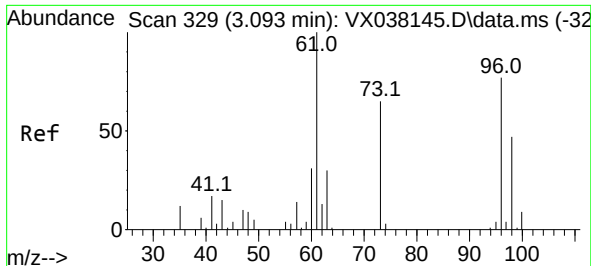
84 100

49 119.6 95.4 143.0

51 36.2 28.3 42.5

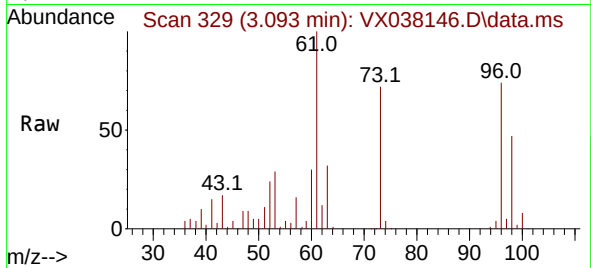
86 64.5 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 49.542 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

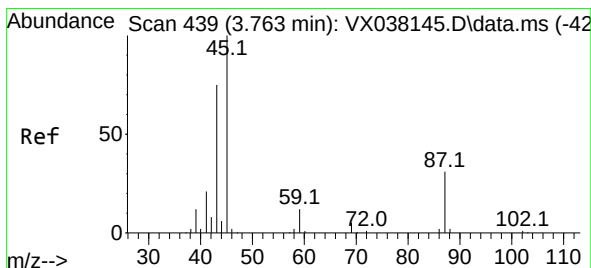
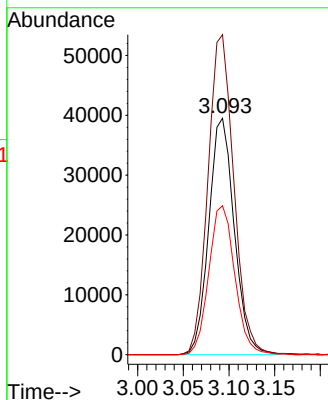
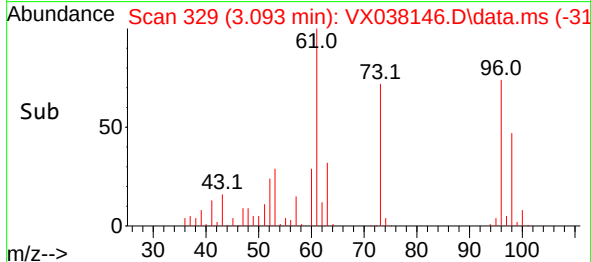
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



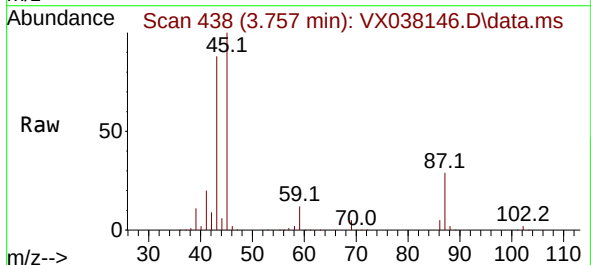
Tgt Ion: 96 Resp: 76659
Ion Ratio Lower Upper
96 100
61 135.4 108.7 163.1
98 63.0 49.1 73.7

Manual Integrations
APPROVED

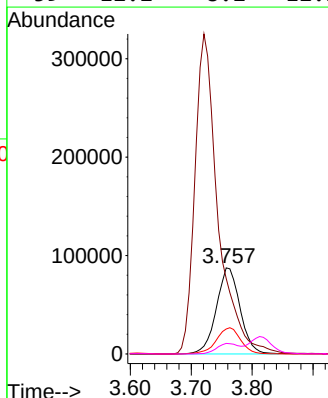
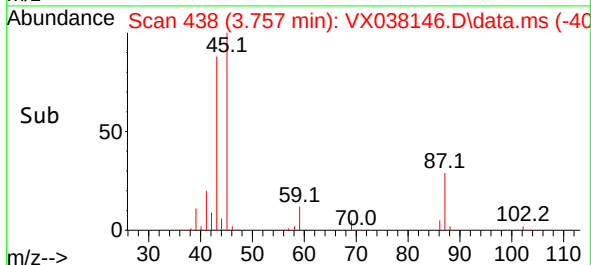
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

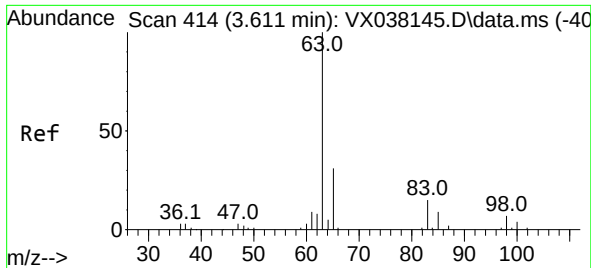


#20
Diisopropyl ether
Concen: 51.874 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29



Tgt Ion: 45 Resp: 236369
Ion Ratio Lower Upper
45 100
43 86.2 55.8 83.6#
87 29.0 23.0 34.4
59 12.2 8.2 12.2





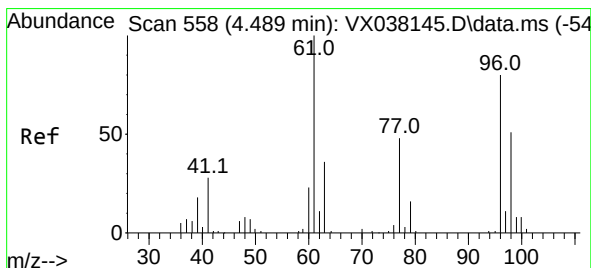
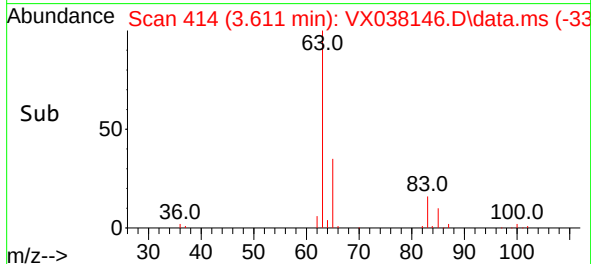
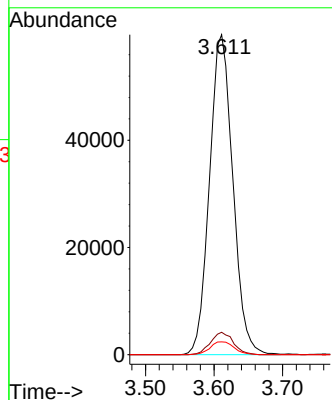
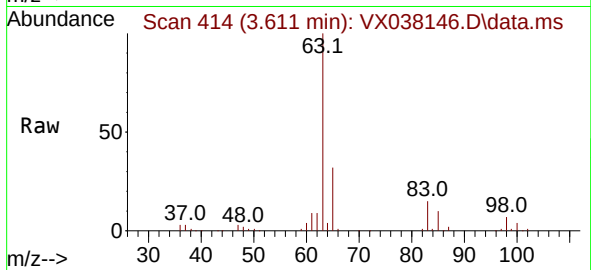
#21
1,1-Dichloroethane
Concen: 50.946 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 141278
Ion Ratio Lower Upper
63 100
98 7.0 3.2 9.6
100 4.0 2.3 6.8

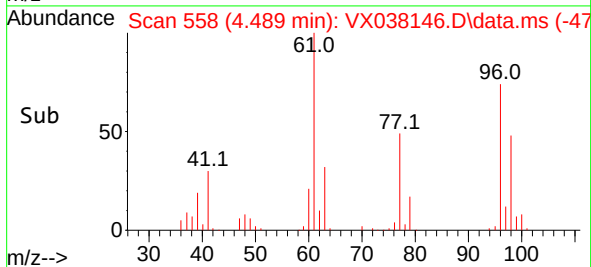
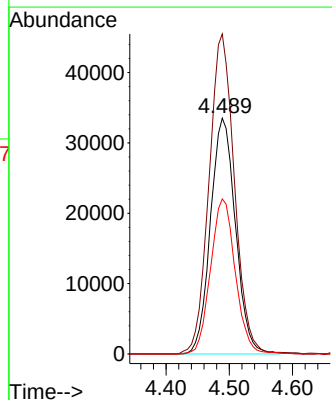
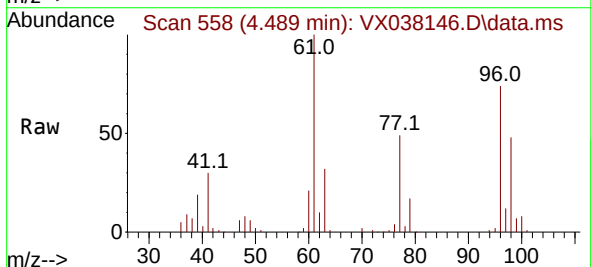
Manual Integrations
APPROVED

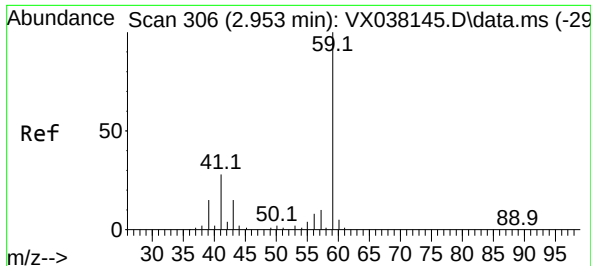
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#22
cis-1,2-Dichloroethene
Concen: 50.520 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

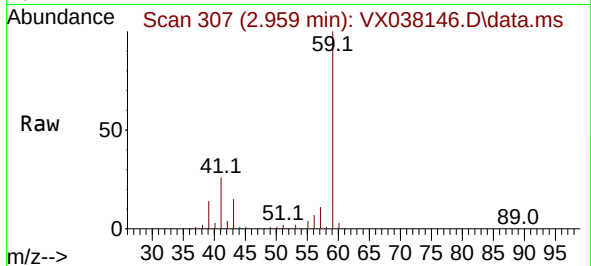
Tgt Ion: 96 Resp: 92067
Ion Ratio Lower Upper
96 100
61 137.5 114.0 171.0
98 64.8 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 260.079 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

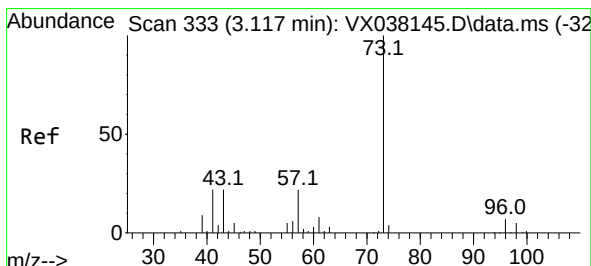
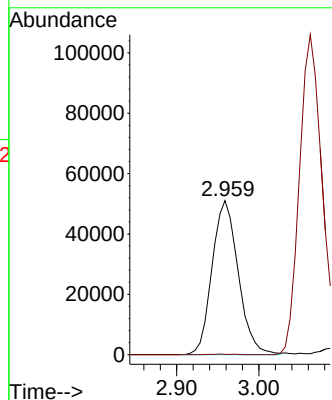
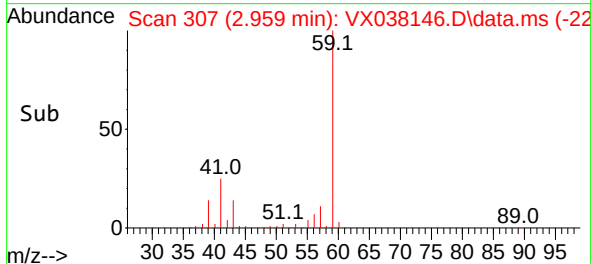
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 59 Resp: 112854
Ion Ratio Lower Upper
59 100
52 0.1 142.6 213.8

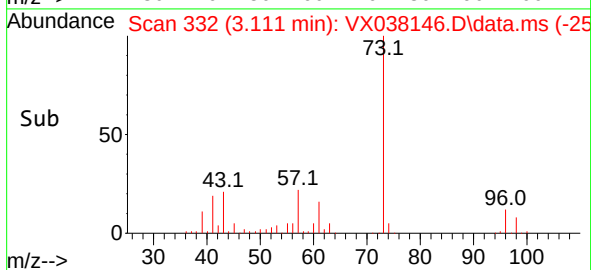
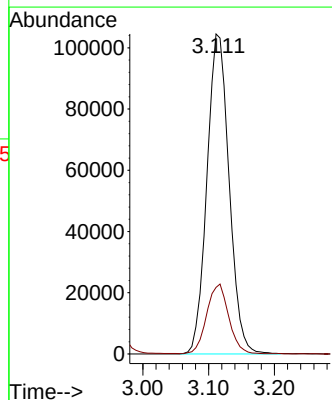
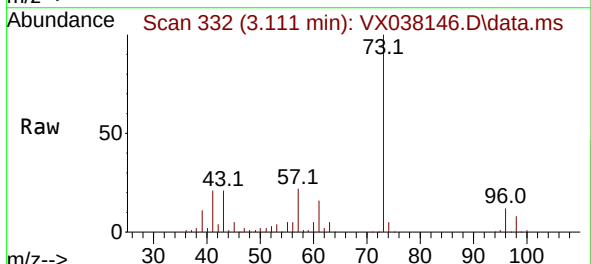
Manual Integrations
APPROVED

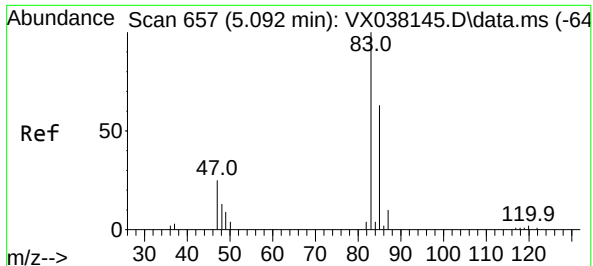
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#24
Methyl tert-Butyl Ether
Concen: 50.565 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion: 73 Resp: 245266
Ion Ratio Lower Upper
73 100
43 21.7 16.8 25.2





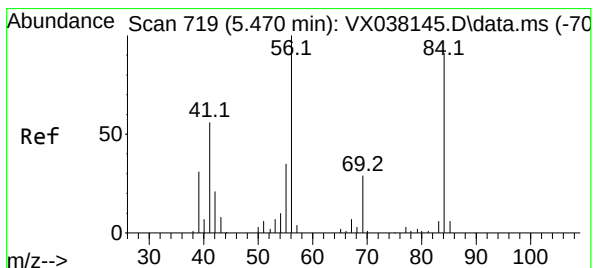
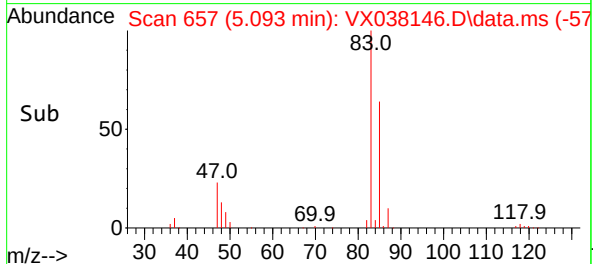
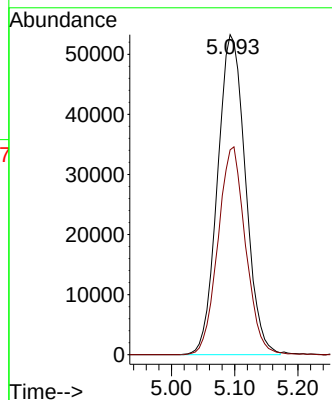
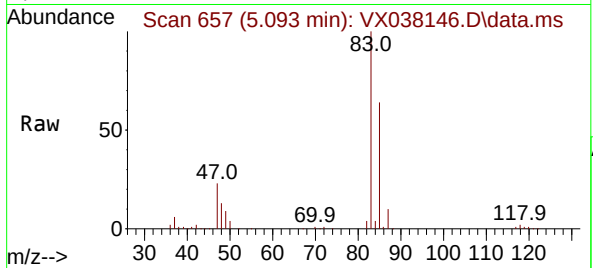
#25
Chloroform
Concen: 51.828 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 163199
Ion Ratio Lower Upper
83 100
85 64.0 51.5 77.3

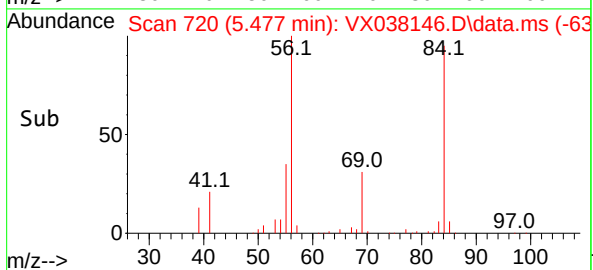
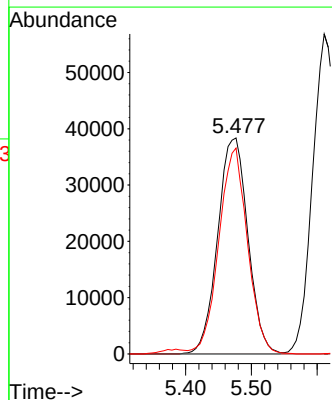
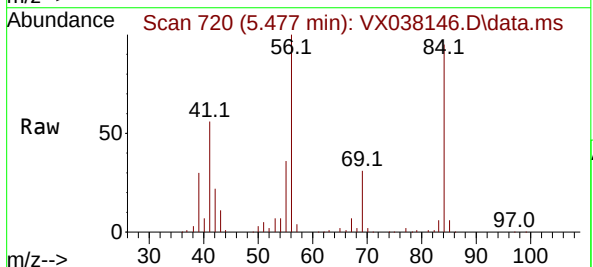
Manual Integrations
APPROVED

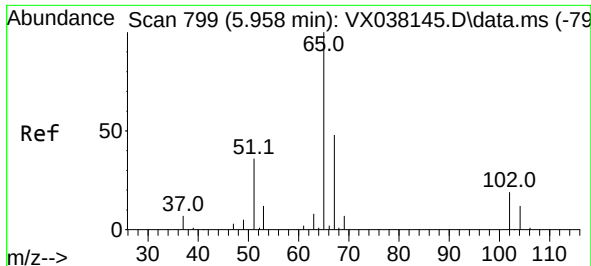
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#26
Cyclohexane
Concen: 52.214 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion: 56 Resp: 122482
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.6 71.4 107.2





#27
 1,2-Dichloroethane-d4
 Concen: 30.745 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038146.D
 Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

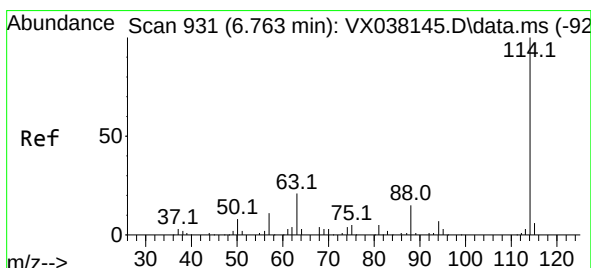
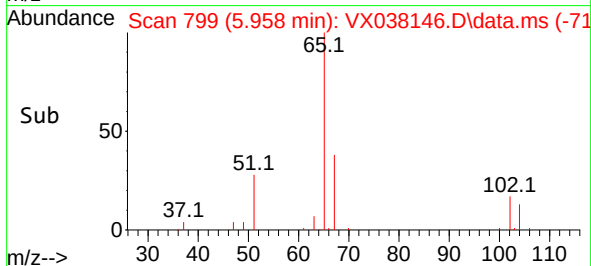
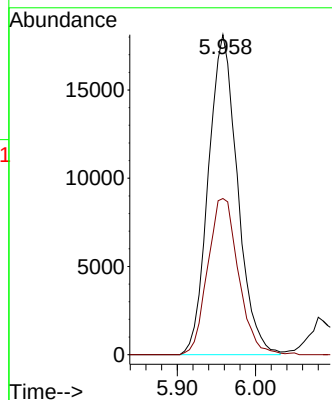
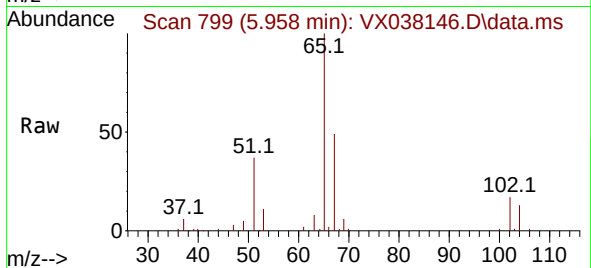
VSTDIC050

Tgt Ion: 65 Resp: 46900
 Ion Ratio Lower Upper
 65 100
 67 51.4 42.1 63.1

Manual Integrations

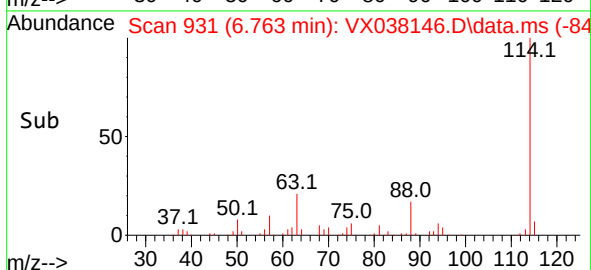
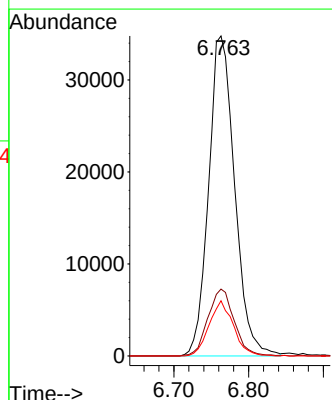
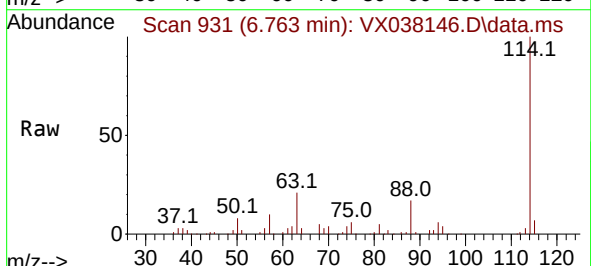
APPROVED

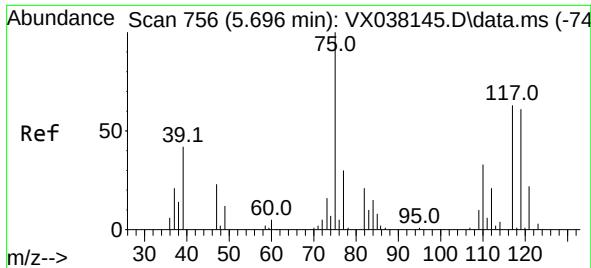
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038146.D
 Acq: 06 Oct 2023 23:29

Tgt Ion:114 Resp: 84235
 Ion Ratio Lower Upper
 114 100
 63 21.0 16.6 24.8
 88 16.1 12.9 19.3





#29

1,1-Dichloropropene

Concen: 52.075 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

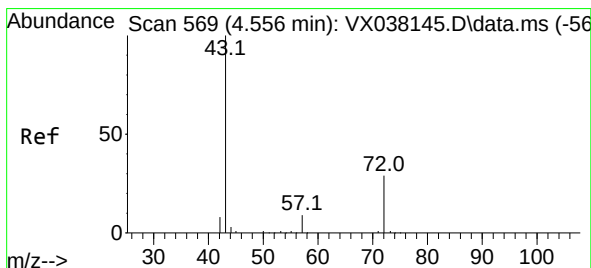
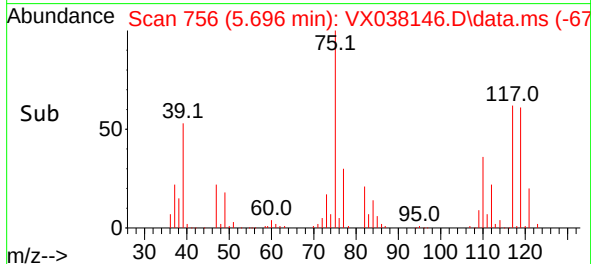
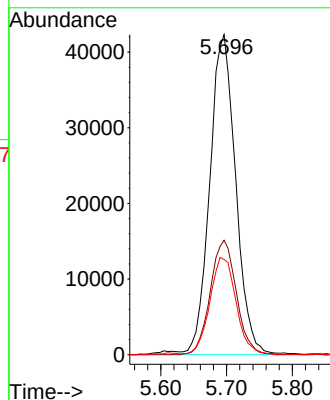
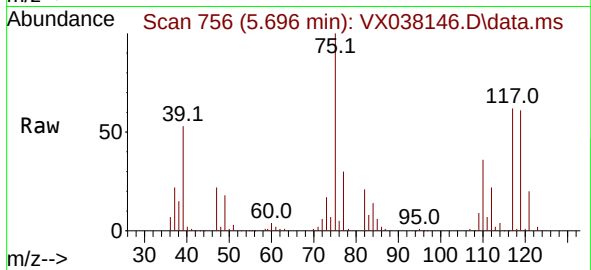
Tgt Ion: 75	Resp: 11605
Ion Ratio	Lower Upper
75	100
110	35.9 0.0 70.4
77	30.7 0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#30

2-Butanone

Concen: 260.253 ug/l

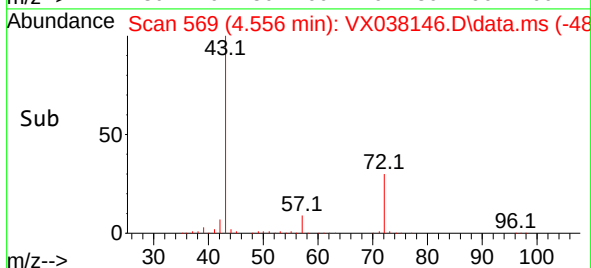
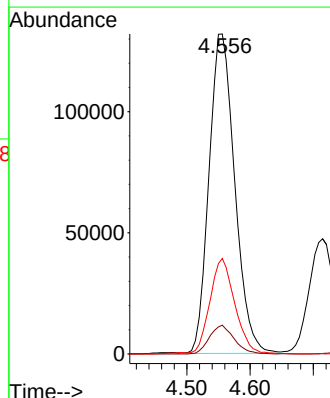
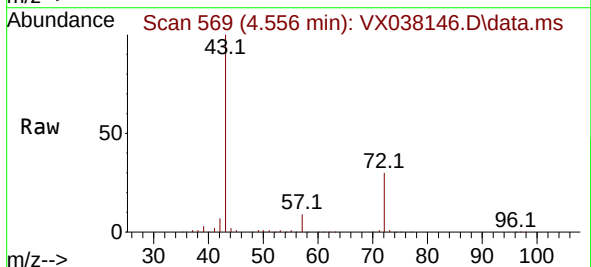
RT: 4.556 min Scan# 569

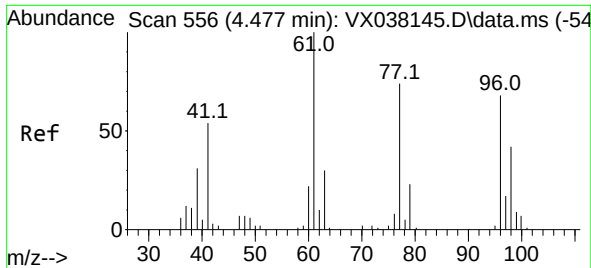
Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Tgt Ion: 43	Resp: 372803
Ion Ratio	Lower Upper
43	100
57	8.6 6.4 9.6
72	28.9 21.6 32.4





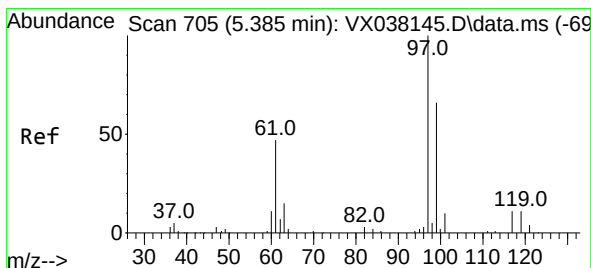
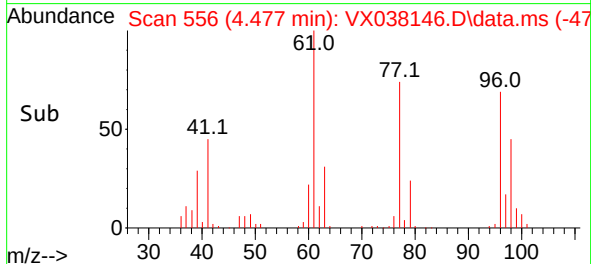
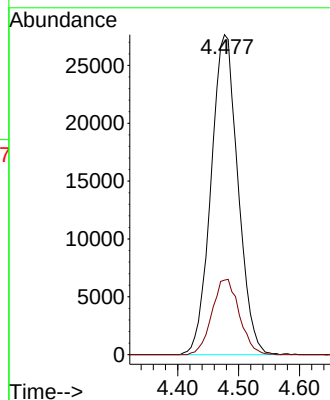
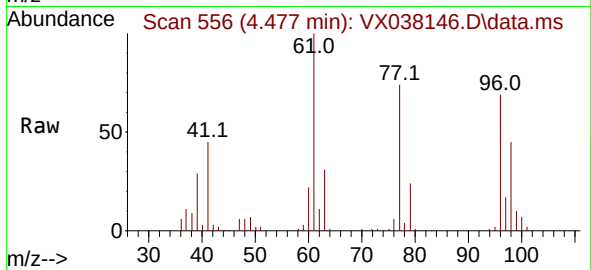
#31
2,2-Dichloropropane
Concen: 51.586 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 77 Resp: 84928
Ion Ratio Lower Upper
77 100
97 23.9 18.6 27.8

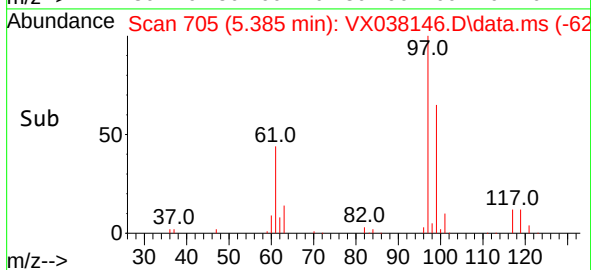
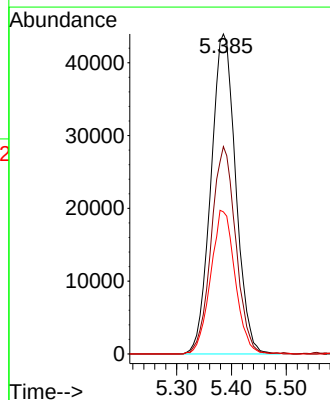
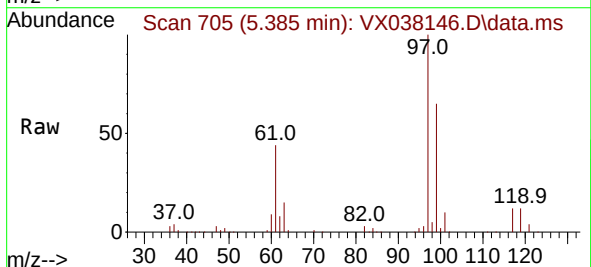
Manual Integrations
APPROVED

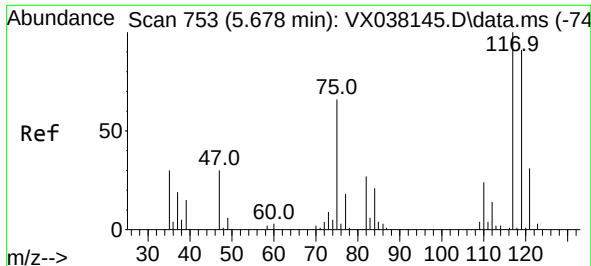
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#32
1,1,1-Trichloroethane
Concen: 51.793 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

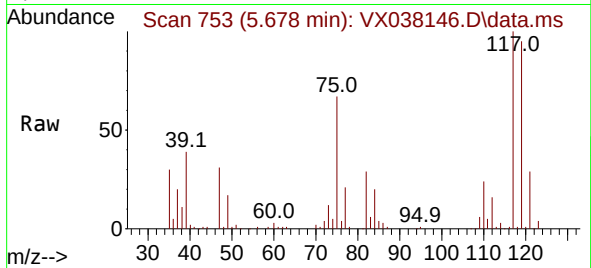
Tgt Ion: 97 Resp: 137923
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 44.3 35.8 53.8





#33
Carbon Tetrachloride
Concen: 52.168 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

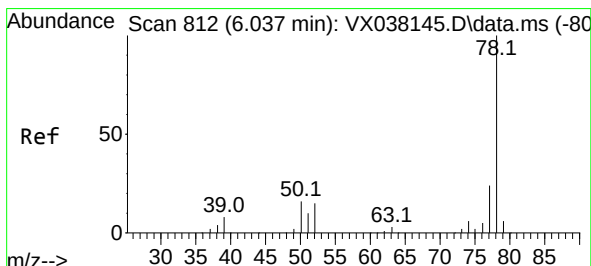
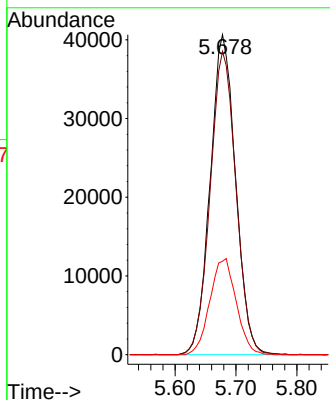
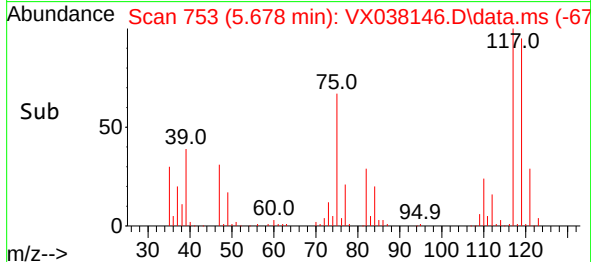
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 11770
Ion Ratio Lower Upper
117 100
119 94.7 76.6 115.0
121 29.2 26.5 39.7

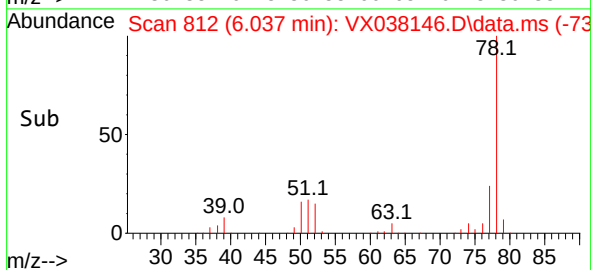
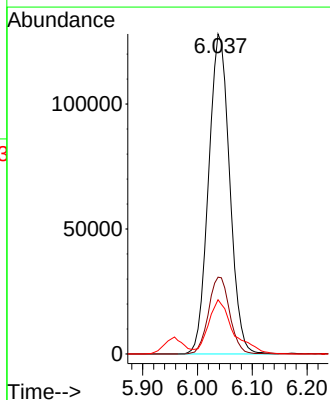
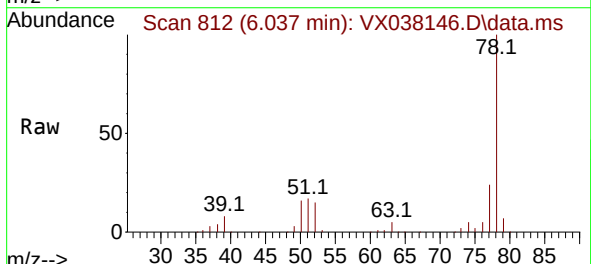
Manual Integrations
APPROVED

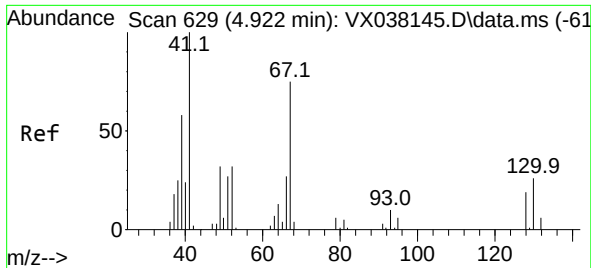
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#34
Benzene
Concen: 51.757 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion: 78 Resp: 341220
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1
51 16.8 14.2 21.4





#35
Methacrylonitrile
Concen: 52.399 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

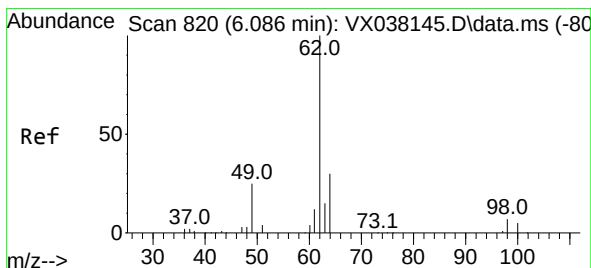
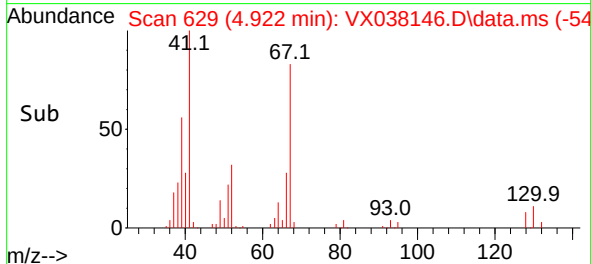
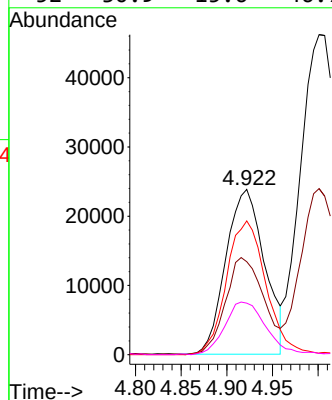
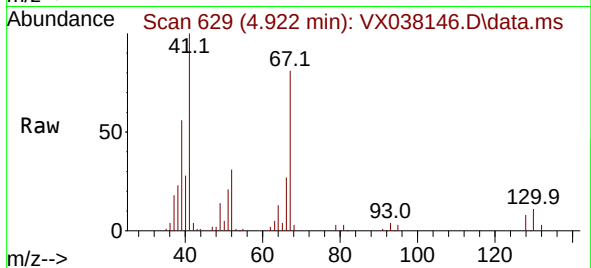
Tgt Ion: 41 Resp: 7027
Ion Ratio Lower Upper
41 100
39 56.1 28.2 84.7
67 81.2 35.0 105.1
52 30.9 15.6 46.7

Manual Integrations

APPROVED

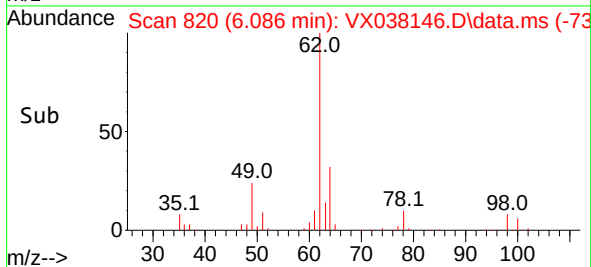
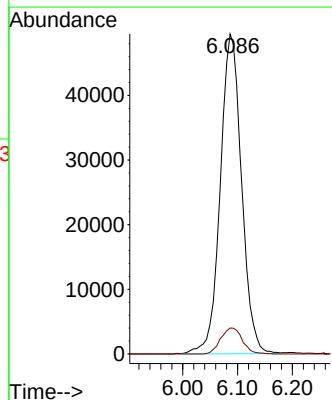
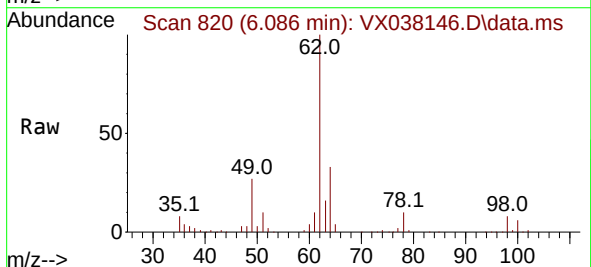
Reviewed By :John Carlone 10/09/2023

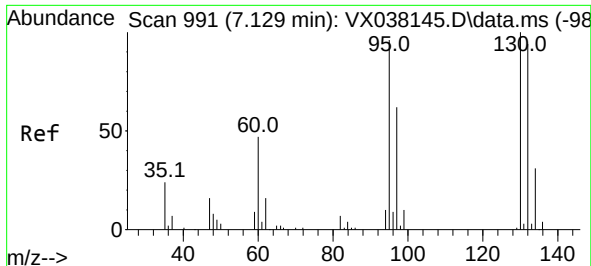
Supervised By :Mahesh Dadoda 10/09/2023



#36
1,2-Dichloroethane
Concen: 52.235 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion: 62 Resp: 133601
Ion Ratio Lower Upper
62 100
98 8.3 7.0 10.6





#37

Trichloroethene

Concen: 51.186 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:130 Resp: 8887

Ion Ratio Lower Upper

130 100

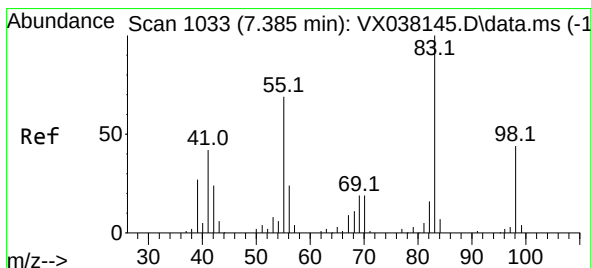
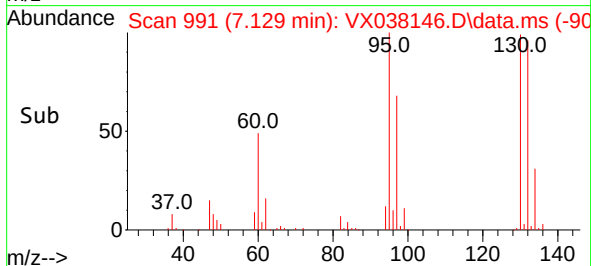
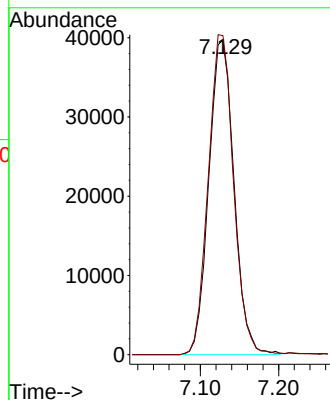
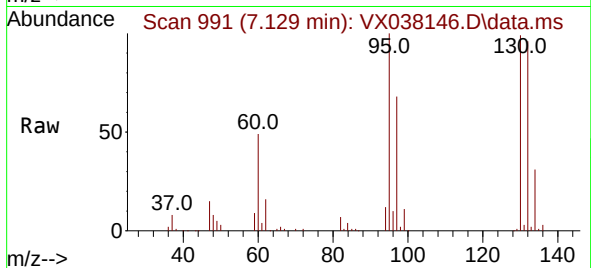
95 101.3 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#38

Methylcyclohexane

Concen: 51.580 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

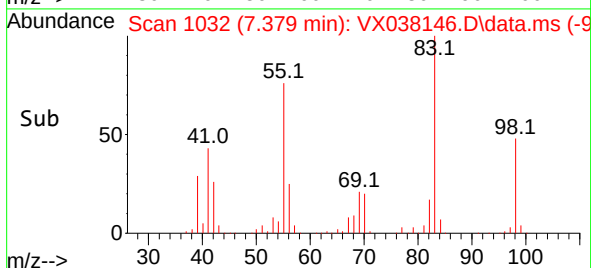
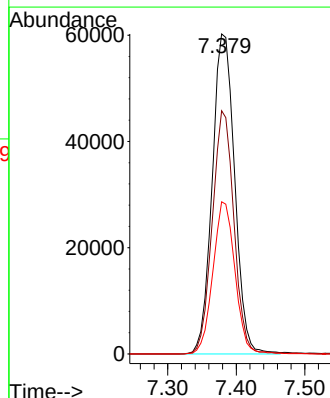
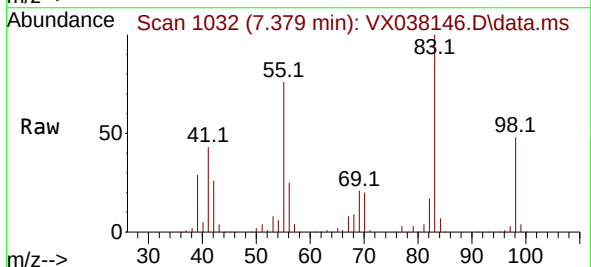
Tgt Ion: 83 Resp: 136927

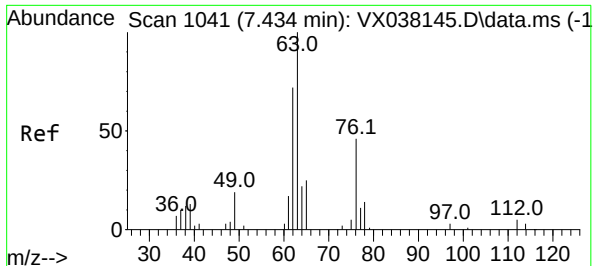
Ion Ratio Lower Upper

83 100

55 72.9 38.1 114.5

98 46.7 24.4 73.4





#39

1,2-Dichloropropane

Concen: 52.248 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 8634

Ion Ratio Lower Upper

63 100

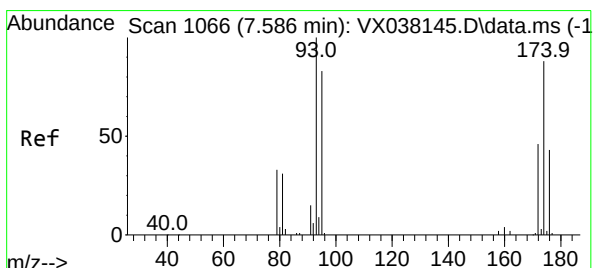
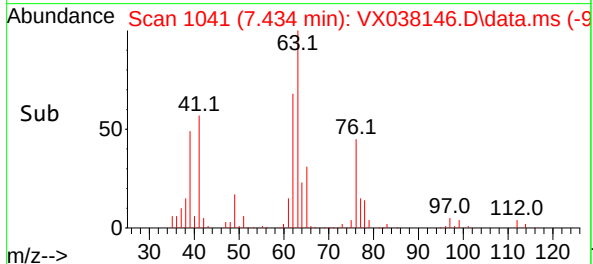
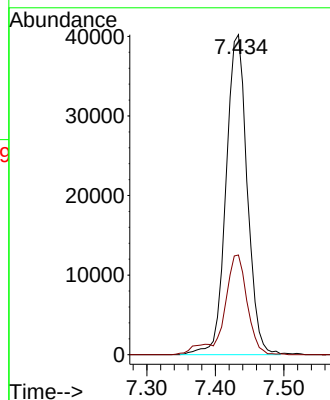
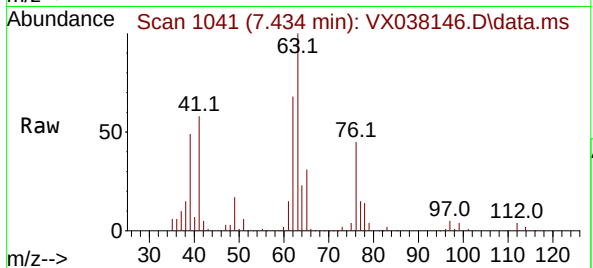
65 30.9 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#40

Dibromomethane

Concen: 51.950 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

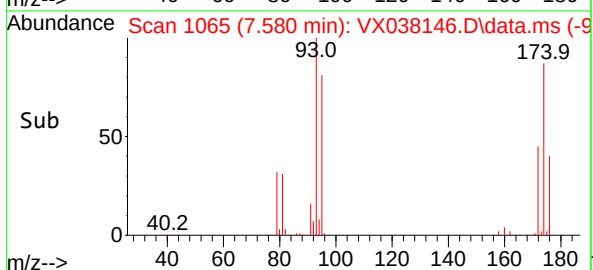
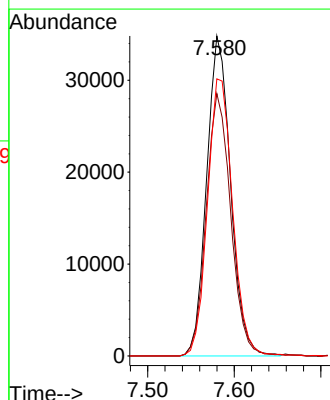
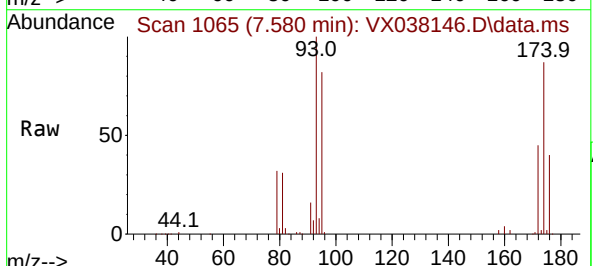
Tgt Ion: 93 Resp: 67086

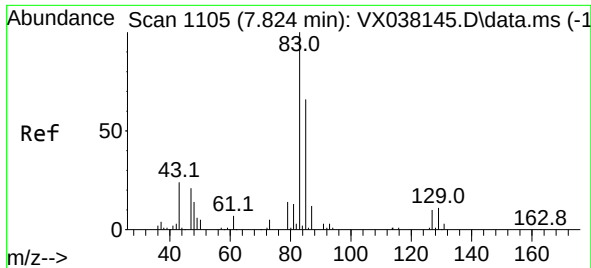
Ion Ratio Lower Upper

93 100

95 83.7 0.0 166.8

174 90.6 0.0 191.6





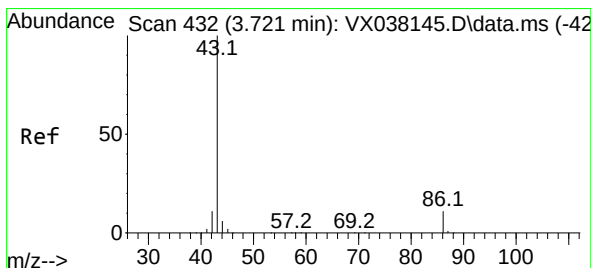
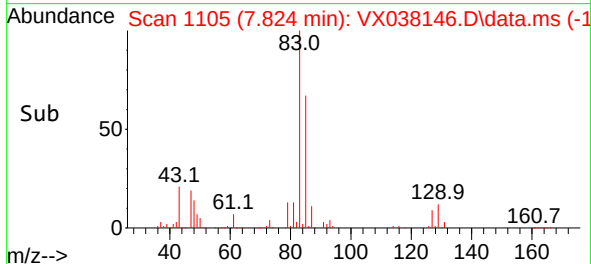
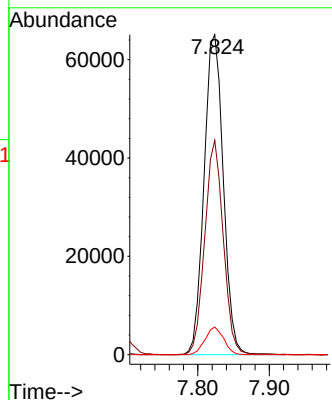
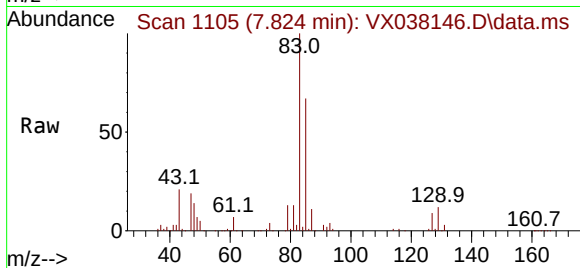
#41
Bromodichloromethane
Concen: 52.529 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 121600
Ion Ratio Lower Upper
83 100
85 66.9 51.5 77.3
127 8.6 6.4 9.6

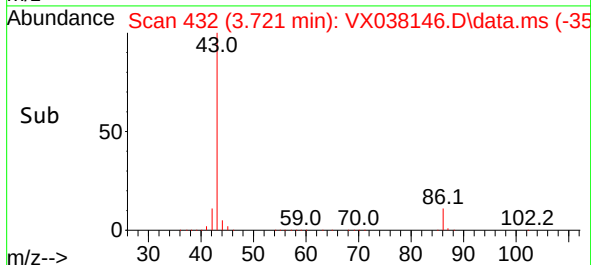
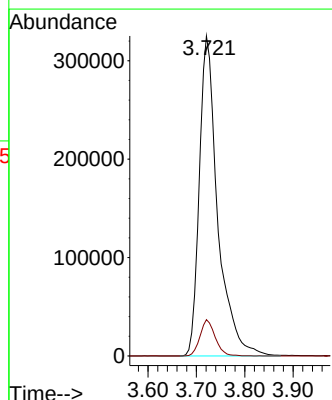
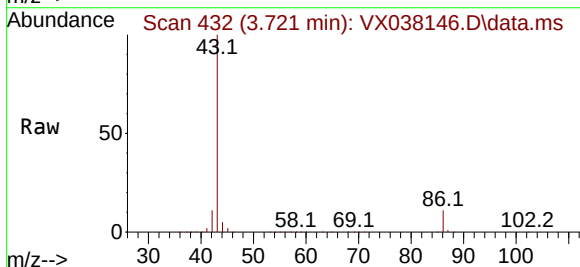
Manual Integrations
APPROVED

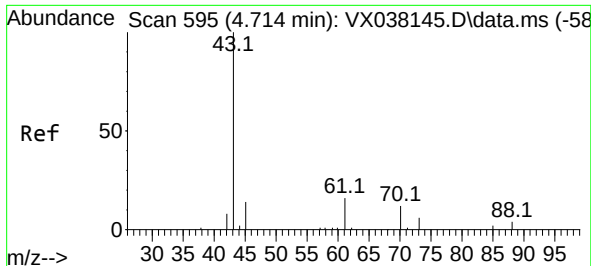
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#42
Vinyl Acetate
Concen: 272.803 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

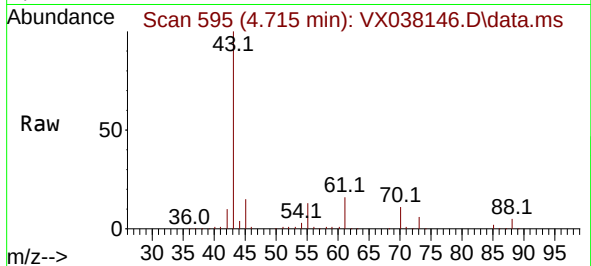
Tgt Ion: 43 Resp: 860094
Ion Ratio Lower Upper
43 100
86 9.3 7.4 11.0





#43
Ethyl Acetate
Concen: 52.476 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

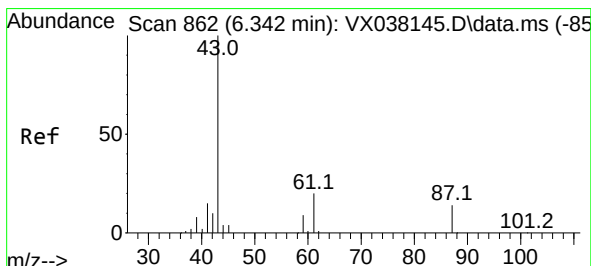
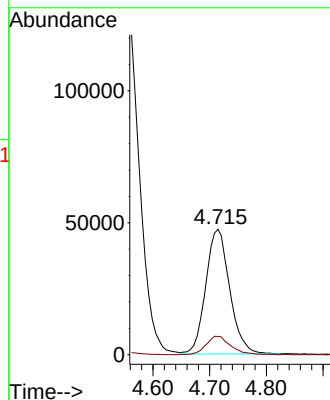
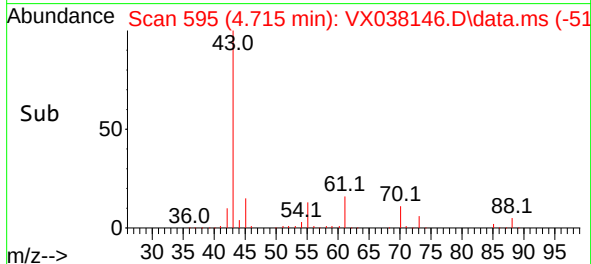
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 139049
Ion Ratio Lower Upper
43 100
45 15.0 12.6 18.8

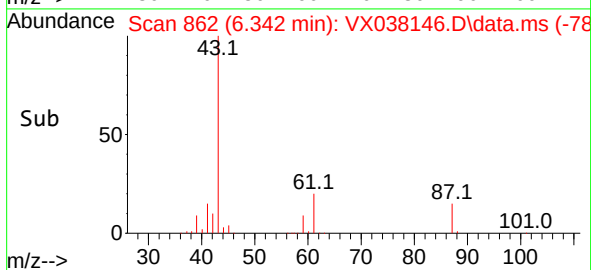
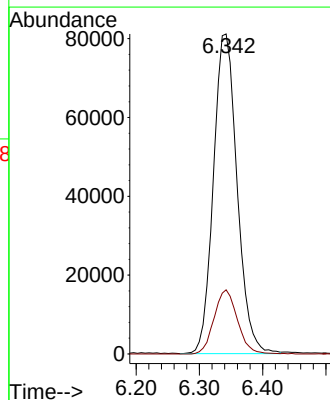
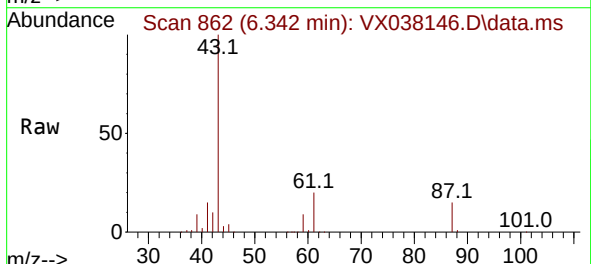
Manual Integrations
APPROVED

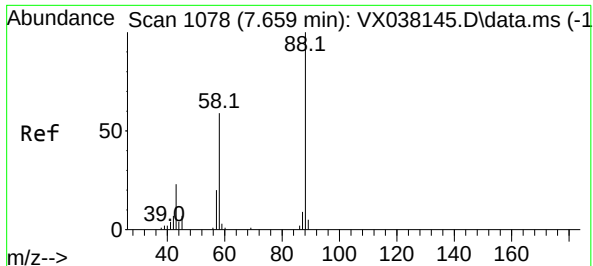
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#44
Isopropyl Acetate
Concen: 53.466 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

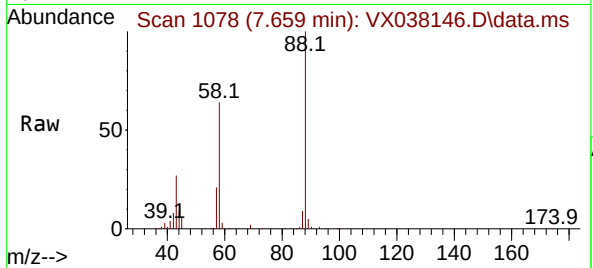
Tgt Ion: 43 Resp: 210904
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.0





#45
1,4-Dioxane
Concen: 1057.859 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

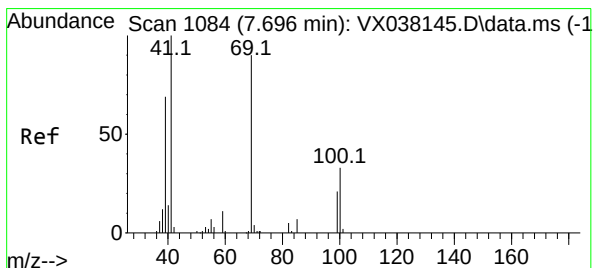
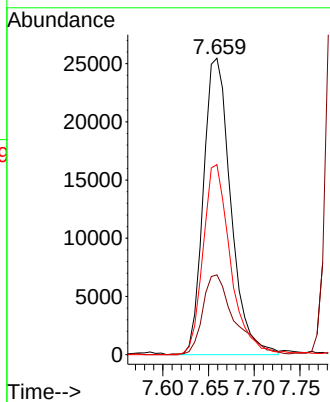
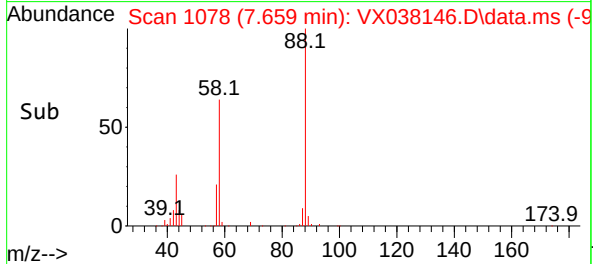
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 88 Resp: 53028
Ion Ratio Lower Upper
88 100
43 30.3 297.5 446.3
58 64.0 1.0 1.4

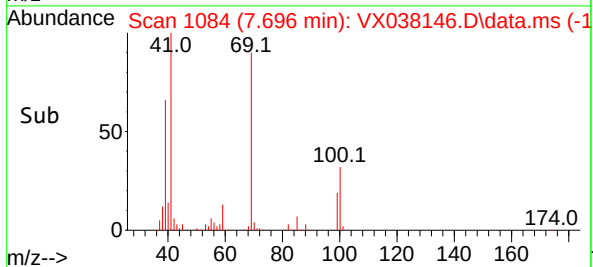
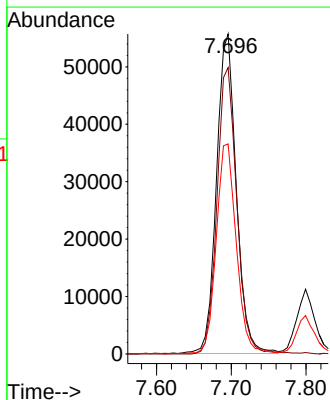
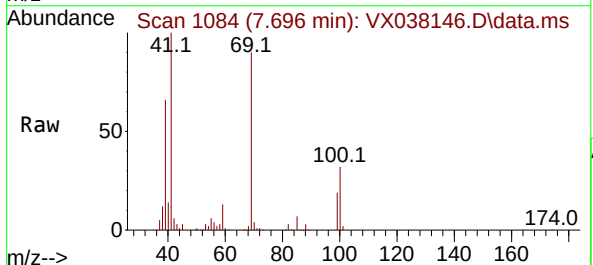
Manual Integrations
APPROVED

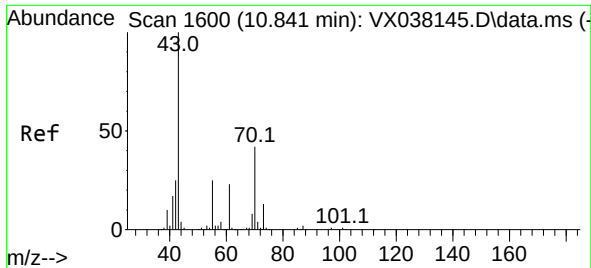
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#46
Methyl methacrylate
Concen: 52.503 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

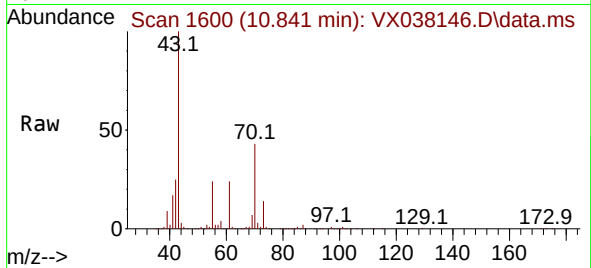
Tgt Ion: 41 Resp: 102108
Ion Ratio Lower Upper
41 100
69 89.7 44.4 133.1
39 65.6 34.9 104.7





#47
n-amyl acetate
Concen: 57.559 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

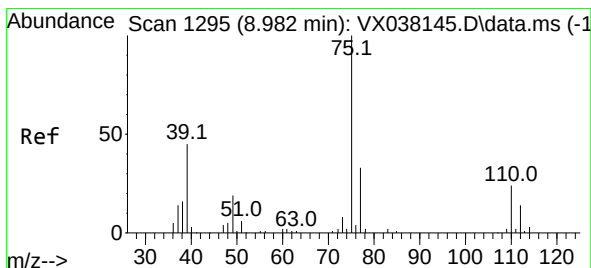
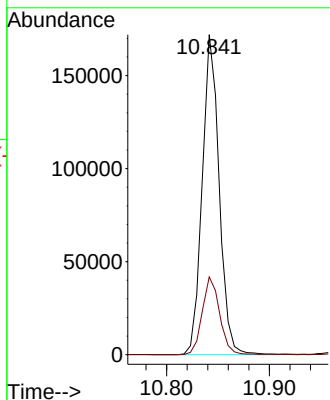
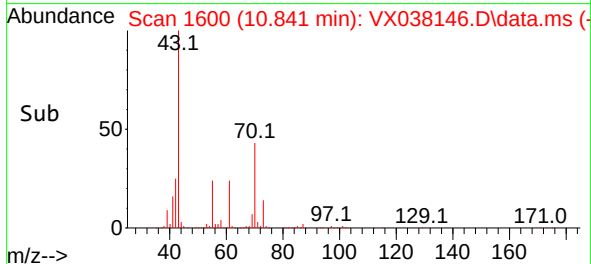
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 197108
Ion Ratio Lower Upper
43 100
55 24.9 18.6 28.0

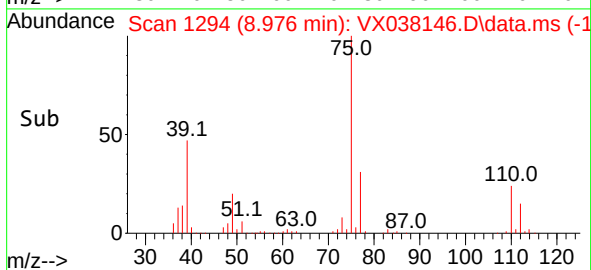
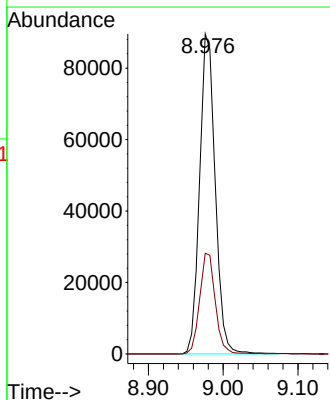
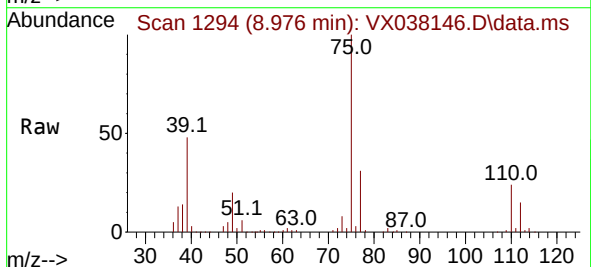
Manual Integrations
APPROVED

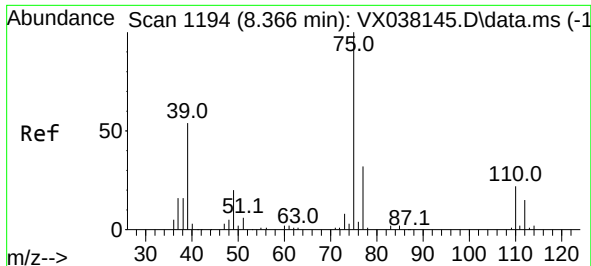
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#48
t-1,3-Dichloropropene
Concen: 54.644 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion: 75 Resp: 130024
Ion Ratio Lower Upper
75 100
77 31.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 52.828 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 133274

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

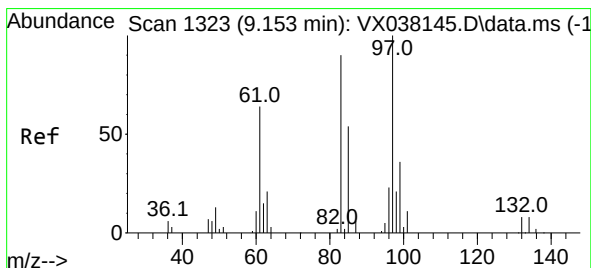
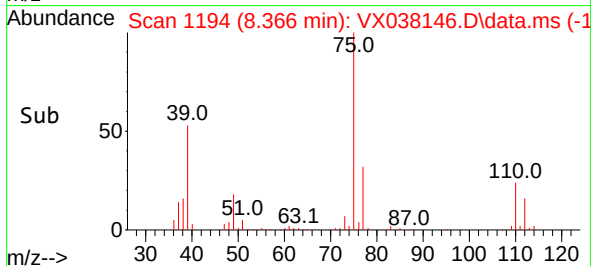
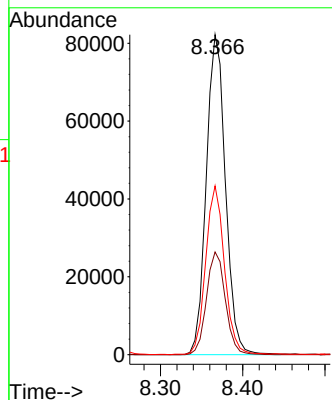
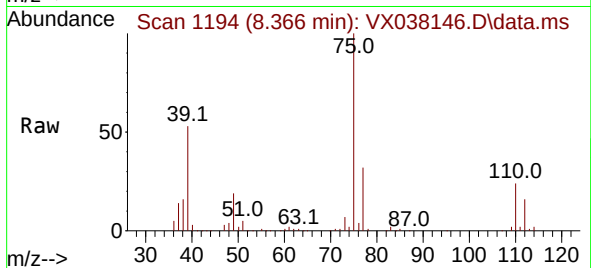
39 52.6 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#50

1,1,2-Trichloroethane

Concen: 52.404 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Tgt Ion: 97 Resp: 95539

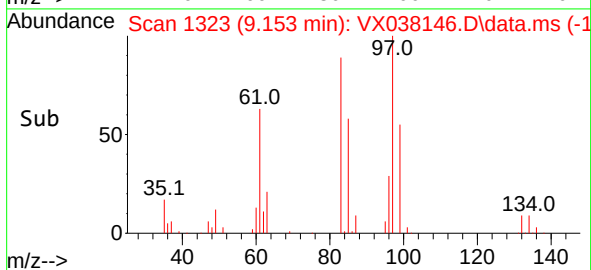
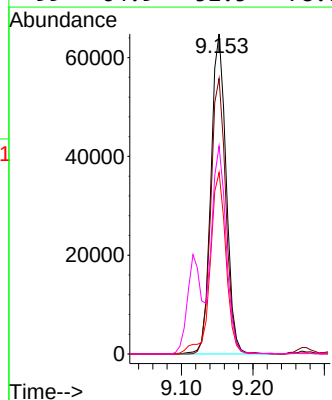
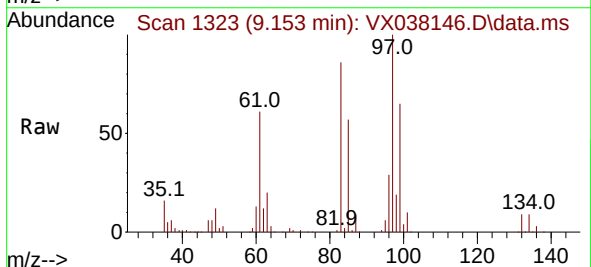
Ion Ratio Lower Upper

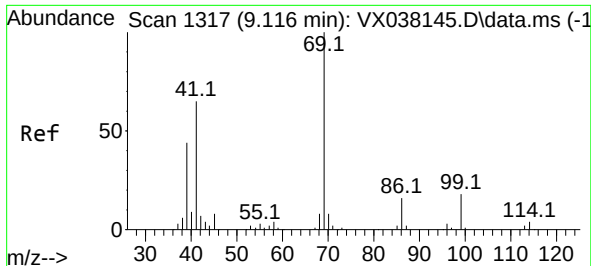
97 100

83 86.1 70.0 105.0

85 56.7 46.1 69.1

99 64.9 52.5 78.7





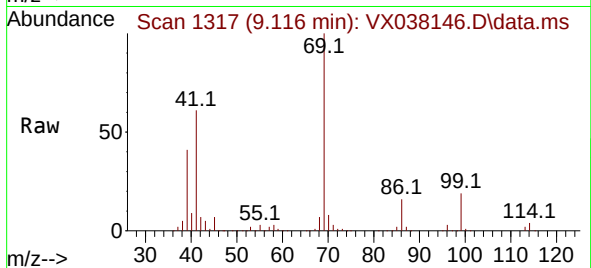
#51
Ethyl methacrylate
Concen: 54.098 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



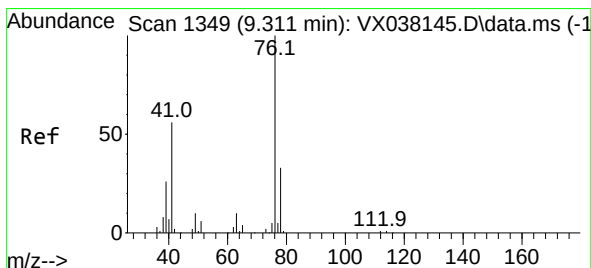
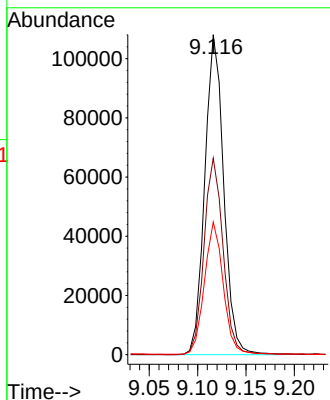
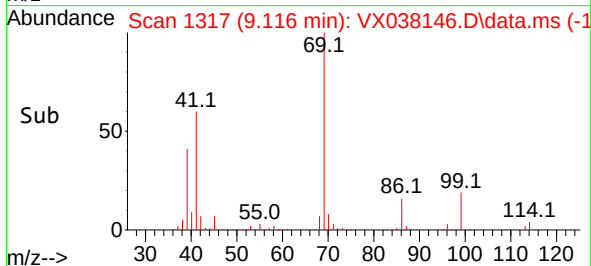
Tgt Ion: 69 Resp: 14770
Ion Ratio Lower Upper
69 100
41 61.3 32.0 96.0
39 41.3 19.4 58.4

Manual Integrations

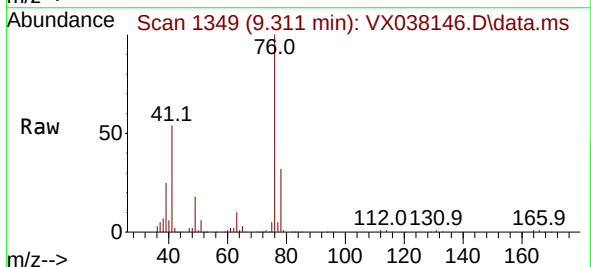
APPROVED

Reviewed By :John Carlone 10/09/2023

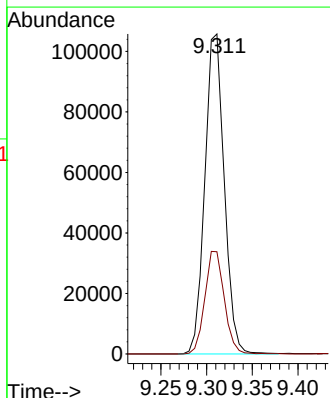
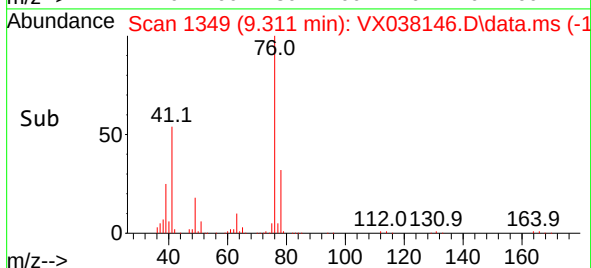
Supervised By :Mahesh Dadoda 10/09/2023

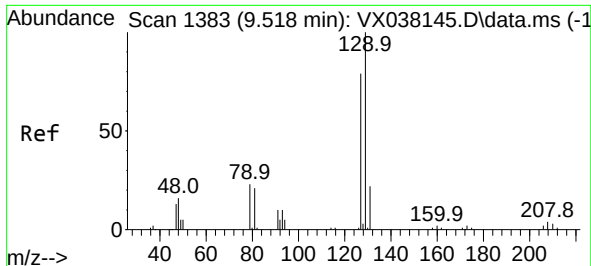


#52
1,3-Dichloropropane
Concen: 52.568 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29



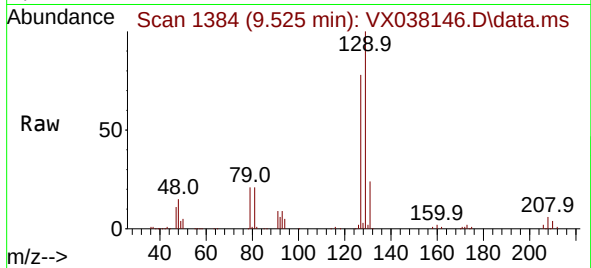
Tgt Ion: 76 Resp: 155855
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.6





#53
Dibromochloromethane
Concen: 54.927 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

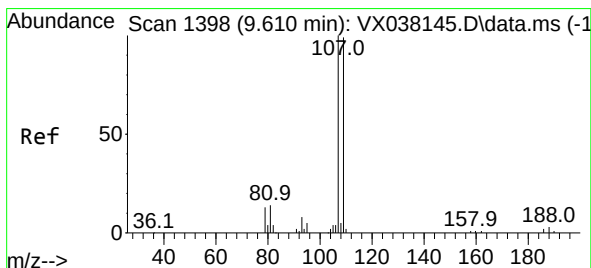
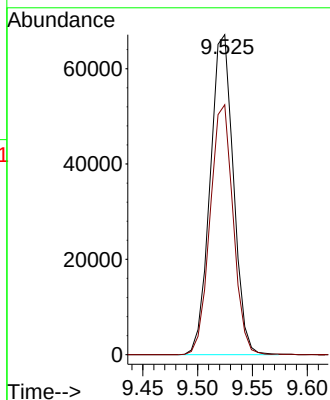
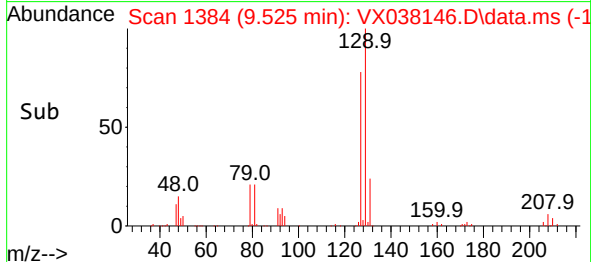
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:129 Resp: 9920
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8

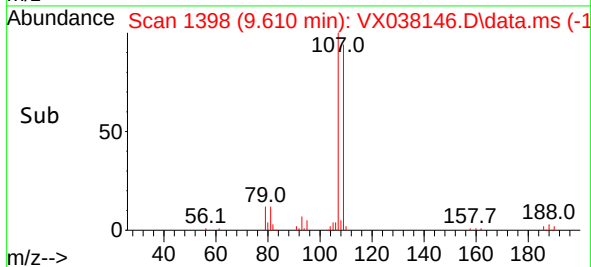
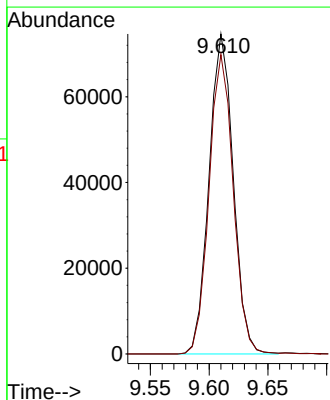
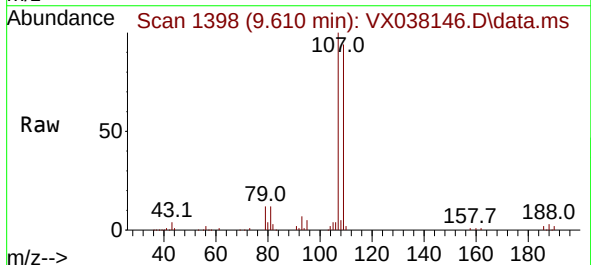
Manual Integrations
APPROVED

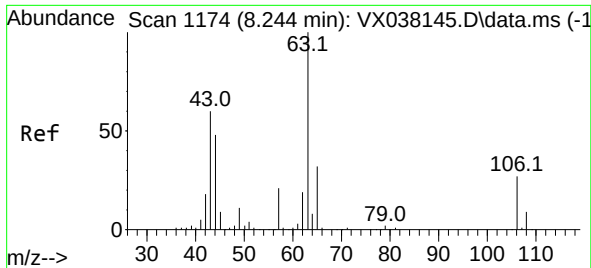
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#54
1,2-Dibromoethane
Concen: 53.769 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion:107 Resp: 107117
Ion Ratio Lower Upper
107 100
109 93.4 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 253.125 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 348834

Ion Ratio Lower Upper

63 100

65 32.6 25.9 38.9

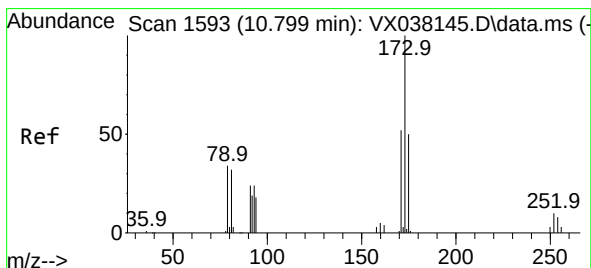
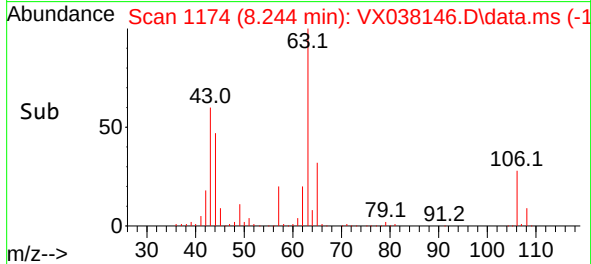
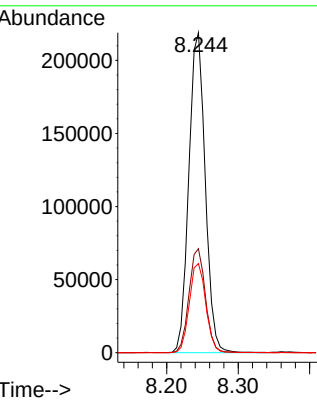
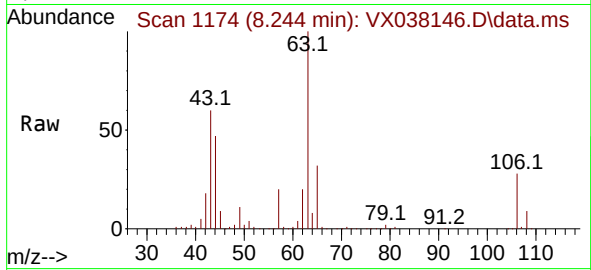
106 27.9 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#56

Bromoform

Concen: 55.358 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

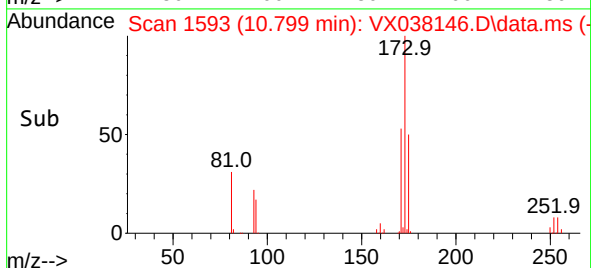
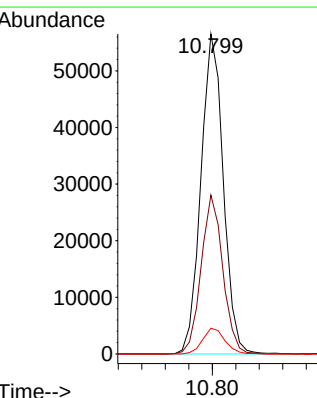
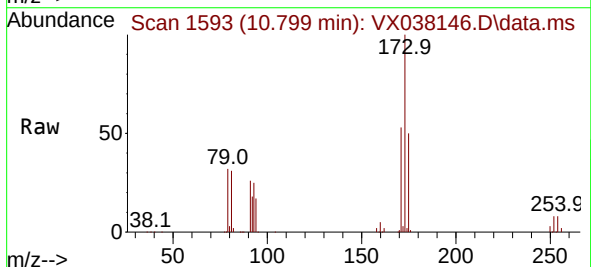
Tgt Ion:173 Resp: 74720

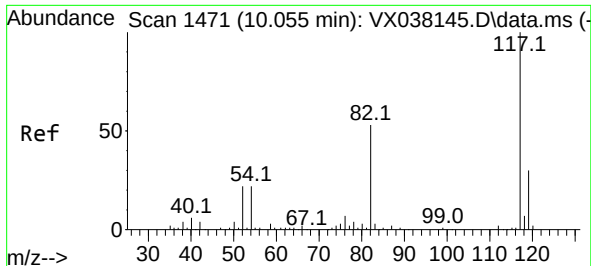
Ion Ratio Lower Upper

173 100

175 48.1 38.1 57.1

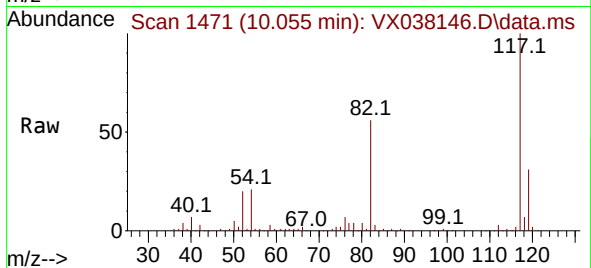
254 8.1 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

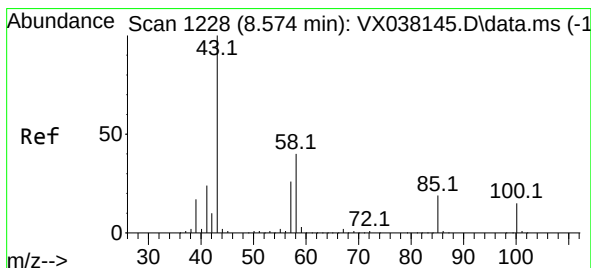
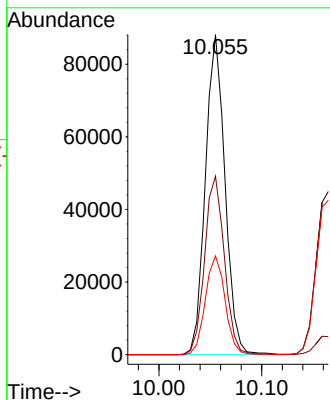
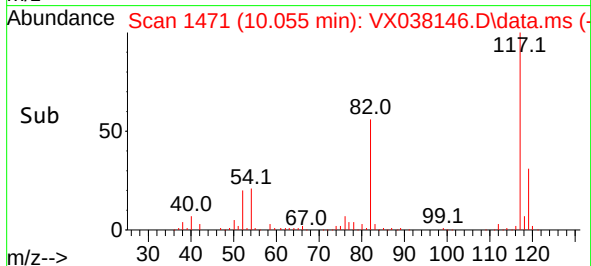
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 117020
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 31.2 25.6 38.4

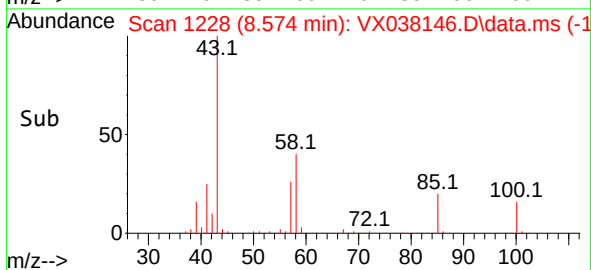
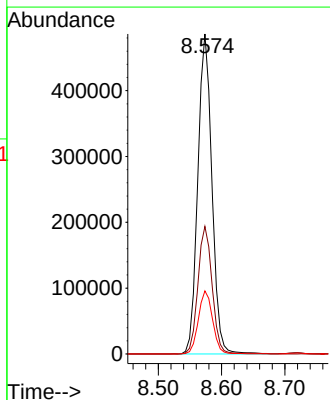
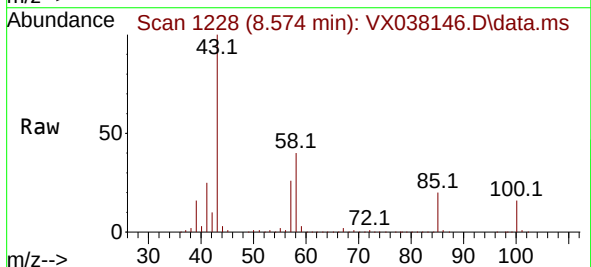
Manual Integrations
APPROVED

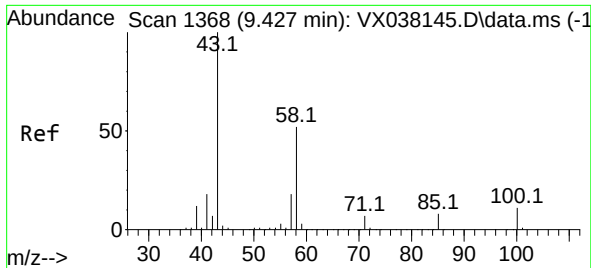
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#58
4-Methyl-2-Pentanone
Concen: 257.804 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

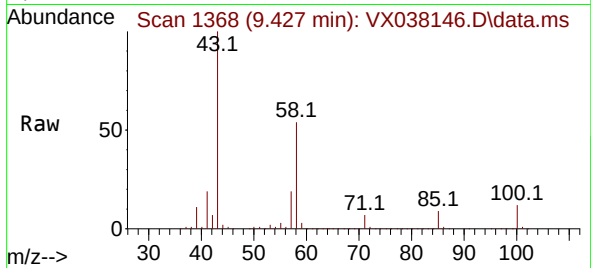
Tgt Ion: 43 Resp: 755103
Ion Ratio Lower Upper
43 100
58 40.0 30.9 46.3
85 19.8 14.4 21.6





#59
2-Hexanone
Concen: 264.126 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

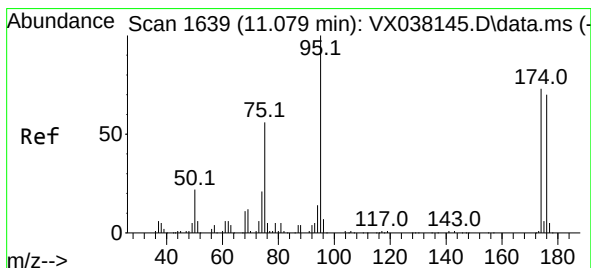
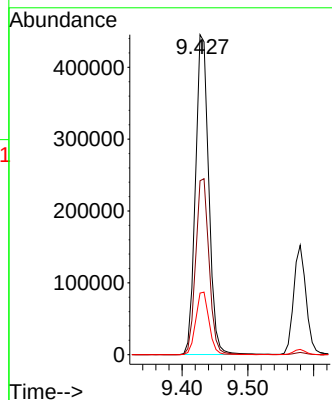
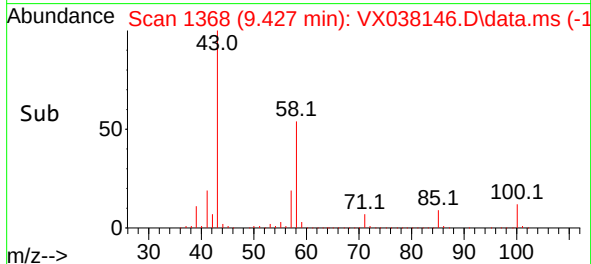
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 62197
Ion Ratio Lower Upper
43 100
58 55.5 43.4 65.2
57 19.7 15.1 22.7

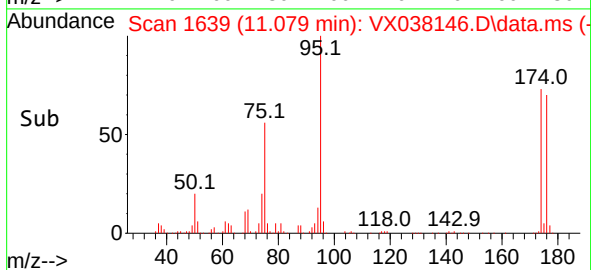
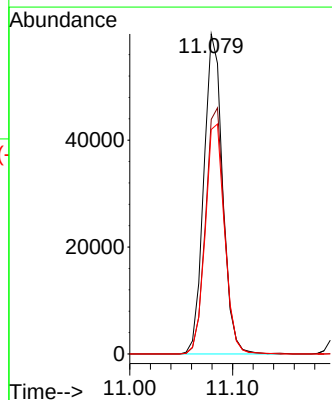
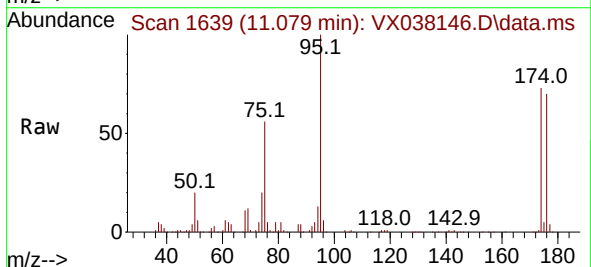
Manual Integrations
APPROVED

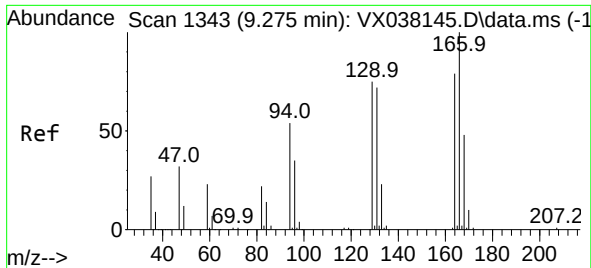
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#60
4-Bromofluorobenzene
Concen: 31.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

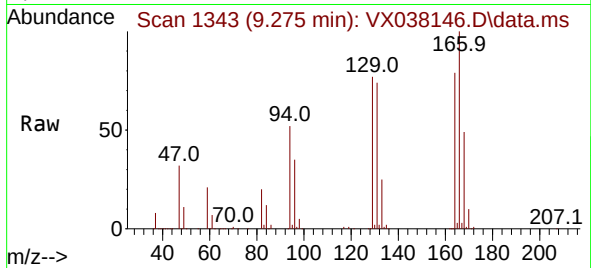
Tgt Ion: 95 Resp: 75925
Ion Ratio Lower Upper
95 100
174 78.0 60.5 90.7
176 74.2 58.2 87.4





#61
Tetrachloroethene
Concen: 50.289 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

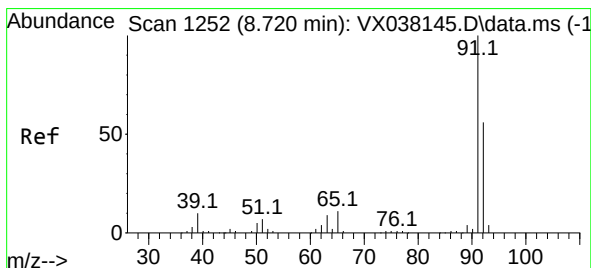
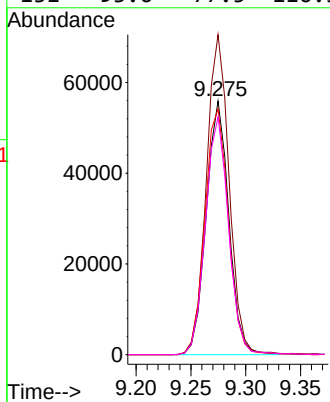
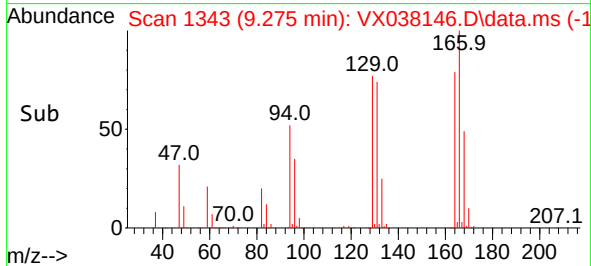
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:164 Resp: 80410
Ion Ratio Lower Upper
164 100
166 126.1 104.5 156.7
129 96.9 78.0 117.0
131 93.6 77.5 116.3

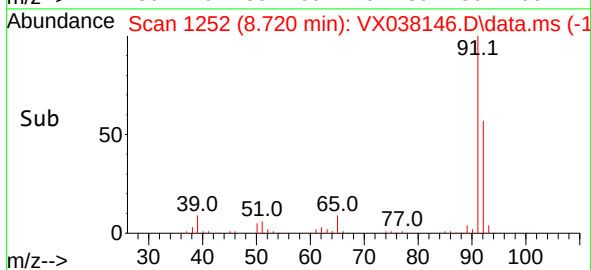
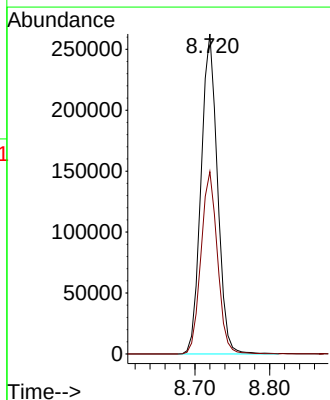
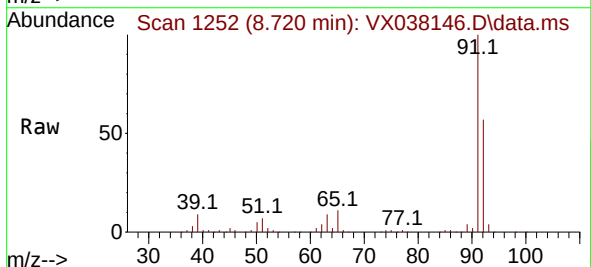
Manual Integrations
APPROVED

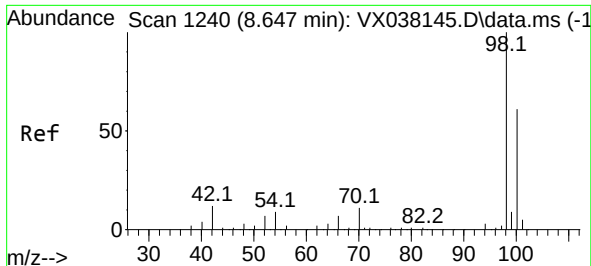
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#62
Toluene
Concen: 51.315 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

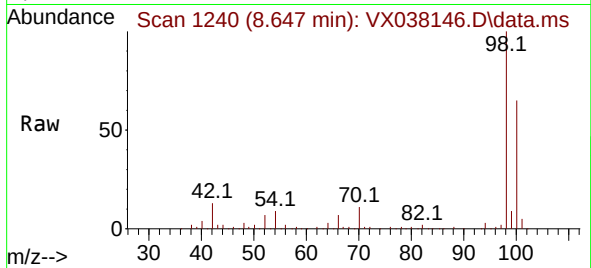
Tgt Ion: 91 Resp: 400088
Ion Ratio Lower Upper
91 100
92 57.2 44.9 67.3





#63
Toluene-d8
Concen: 29.603 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

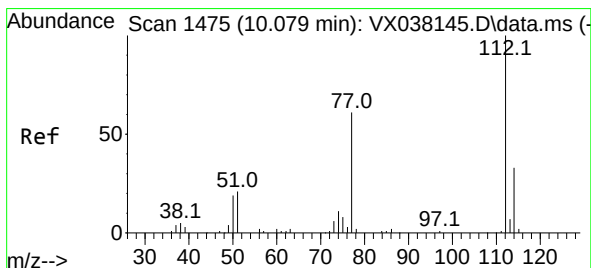
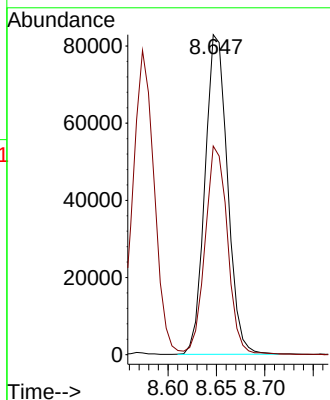
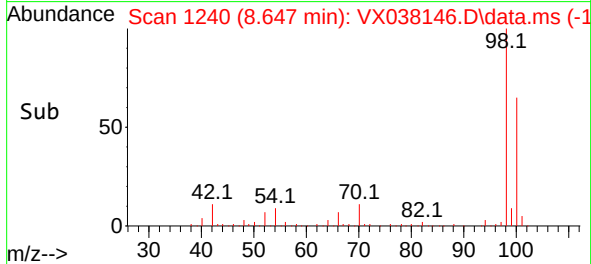
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 13414
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4

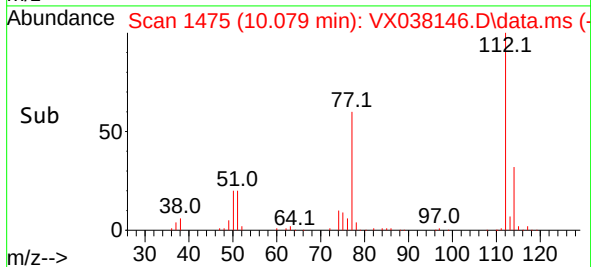
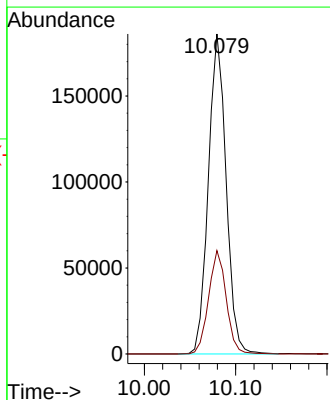
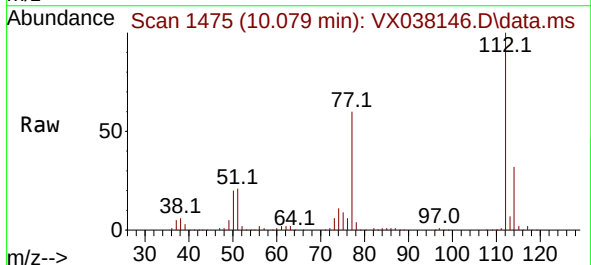
Manual Integrations
APPROVED

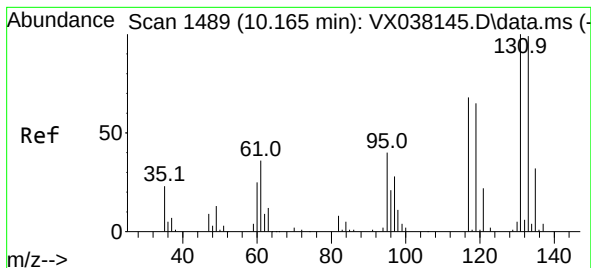
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#64
Chlorobenzene
Concen: 51.323 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

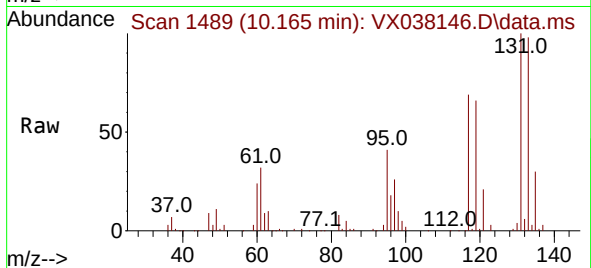
Tgt Ion:112 Resp: 250579
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 53.116 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

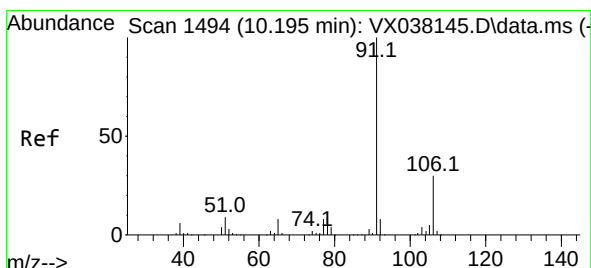
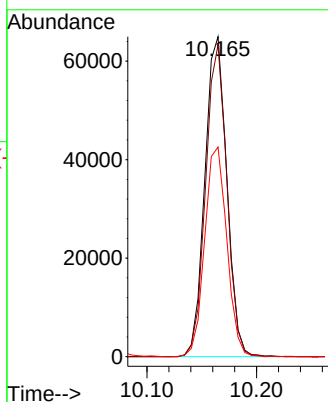
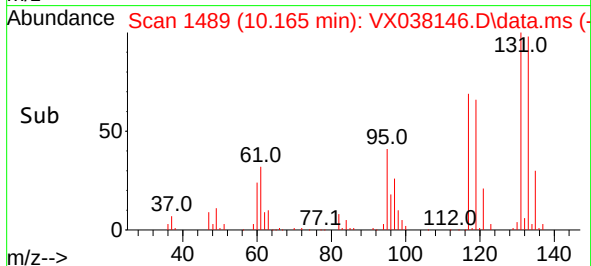
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 9040
Ion Ratio Lower Upper
131 100
133 94.4 0.0 192.0
119 66.1 0.0 132.8

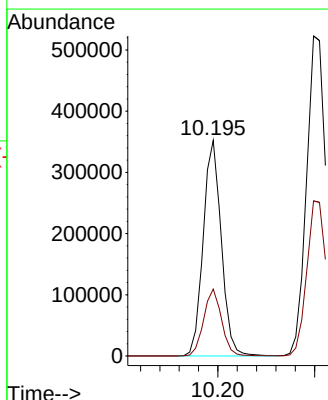
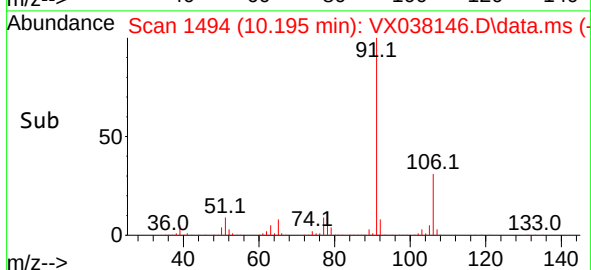
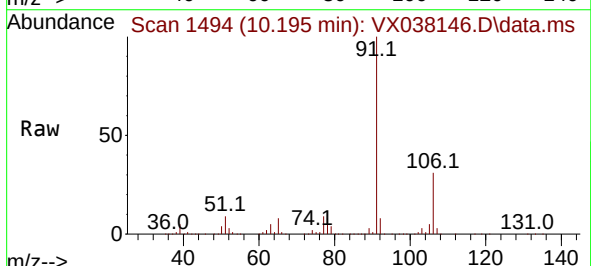
Manual Integrations
APPROVED

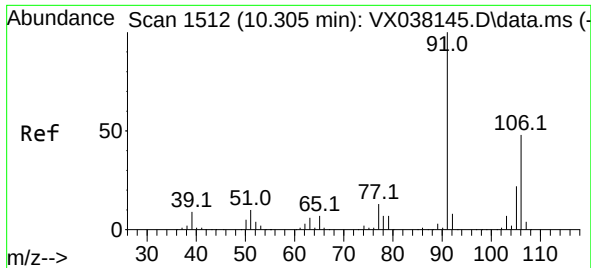
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#66
Ethyl Benzene
Concen: 51.917 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion: 91 Resp: 458998
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4





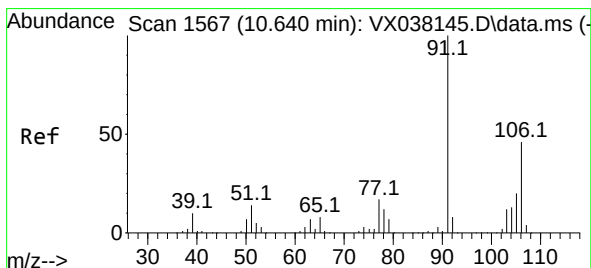
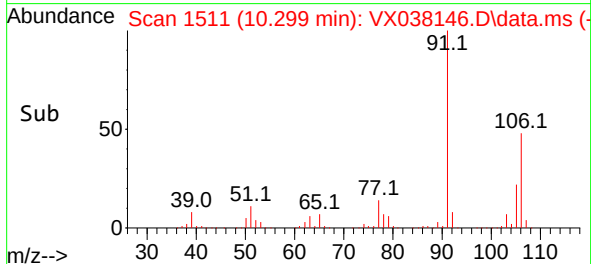
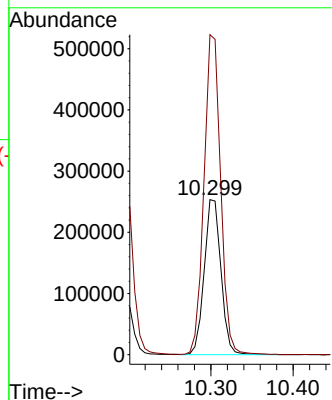
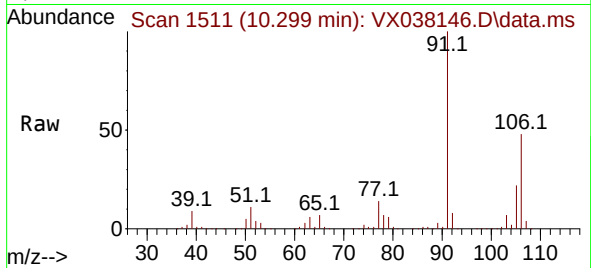
#67
m/p-Xylenes
Concen: 104.322 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 35780
Ion Ratio Lower Upper
106 100
91 205.4 160.5 240.7

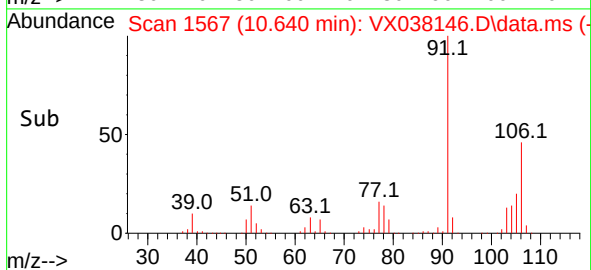
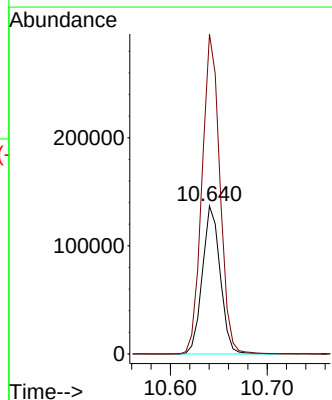
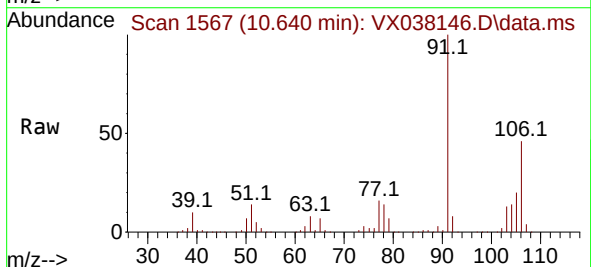
Manual Integrations
APPROVED

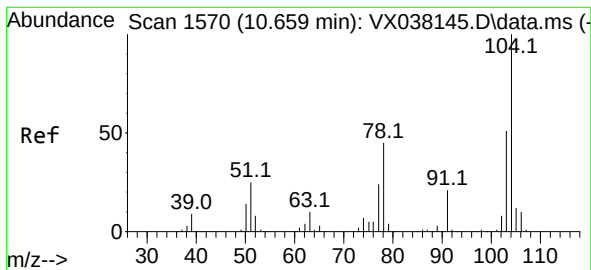
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#68
o-Xylene
Concen: 52.795 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion:106 Resp: 175699
Ion Ratio Lower Upper
106 100
91 216.7 105.4 316.1





#69

Styrene

Concen: 53.261 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

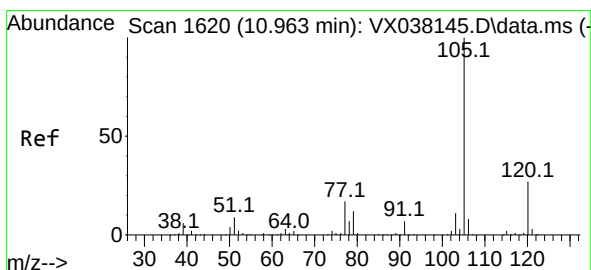
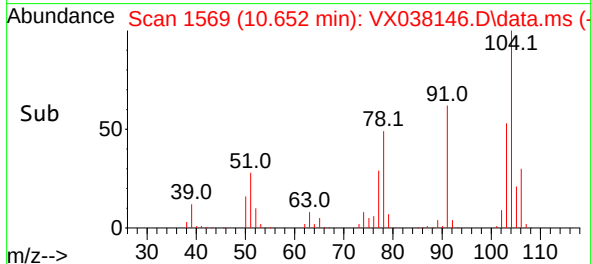
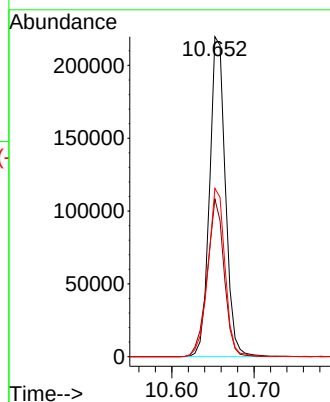
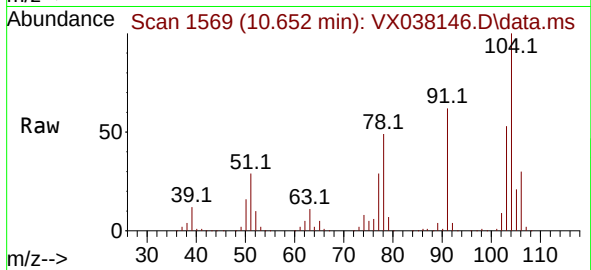
Tgt Ion:104 Resp: 294528
 Ion Ratio Lower Upper
 104 100
 78 52.7 41.0 61.4
 103 56.6 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#70

Isopropylbenzene

Concen: 52.618 ug/l

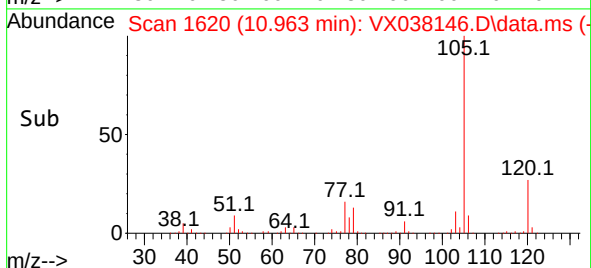
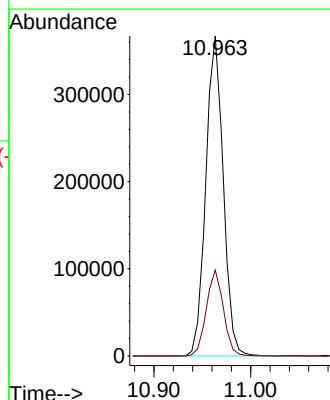
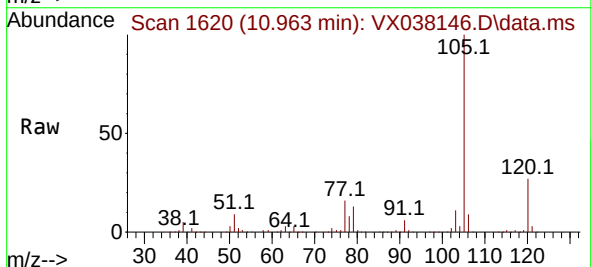
RT: 10.963 min Scan# 1620

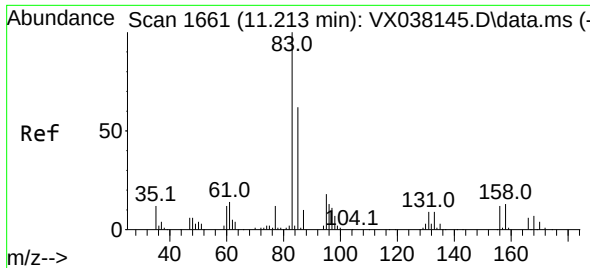
Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

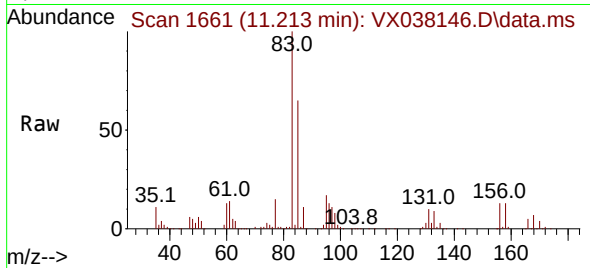
Tgt Ion:105 Resp: 461800
 Ion Ratio Lower Upper
 105 100
 120 26.2 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 53.216 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

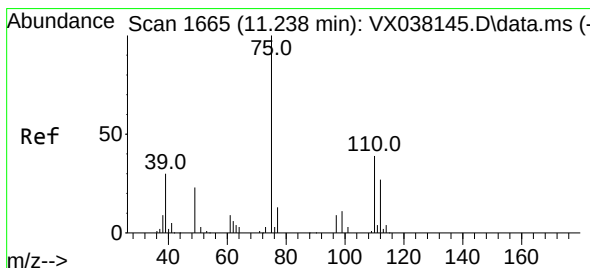
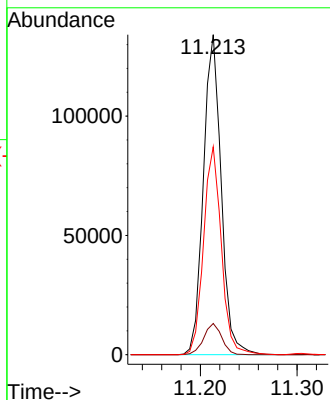
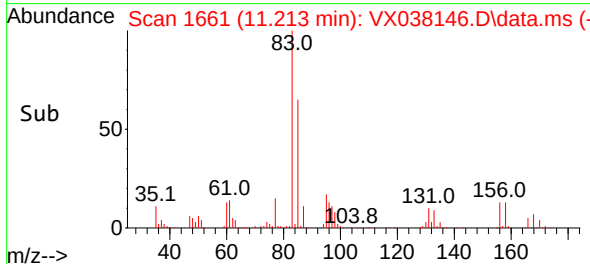
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



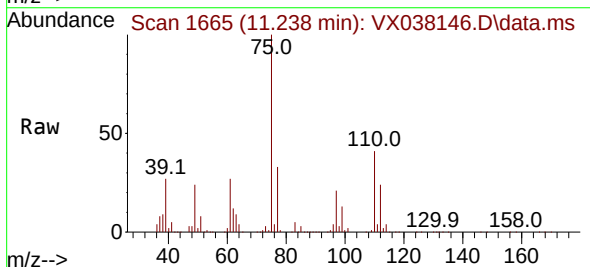
Tgt Ion: 83 Resp: 172140
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 64.8 32.4 97.0

Manual Integrations
APPROVED

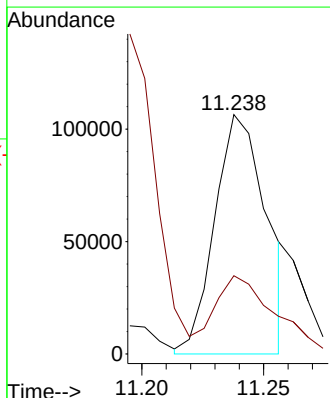
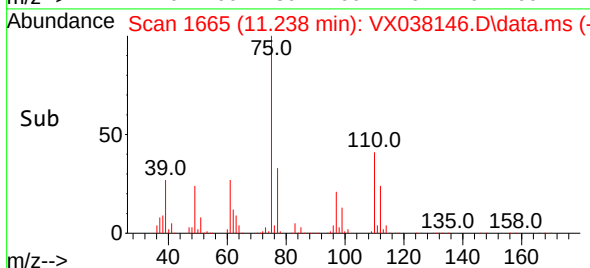
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

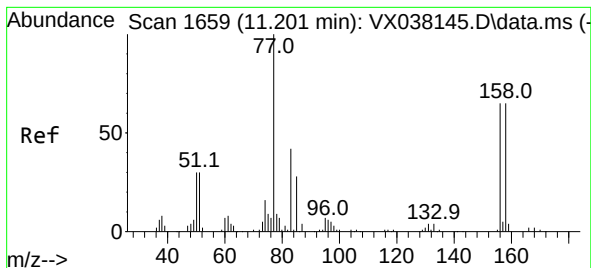


#72
1,2,3-Trichloropropane
Concen: 53.216 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29



Tgt Ion: 75 Resp: 156564
Ion Ratio Lower Upper
75 100
77 38.6 0.0 77.2





#73

Bromobenzene

Concen: 52.208 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

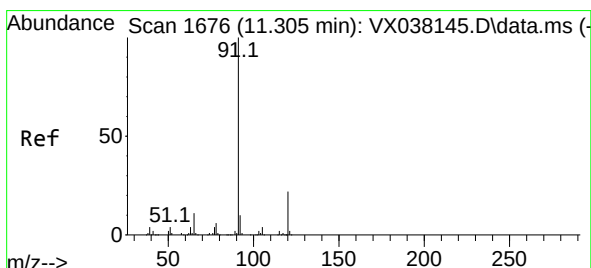
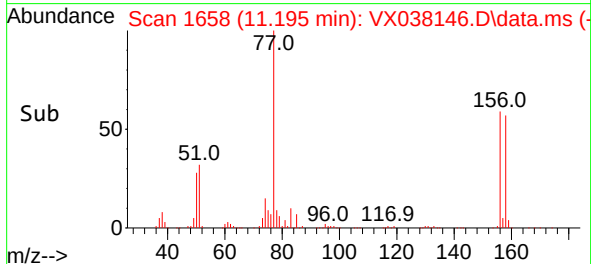
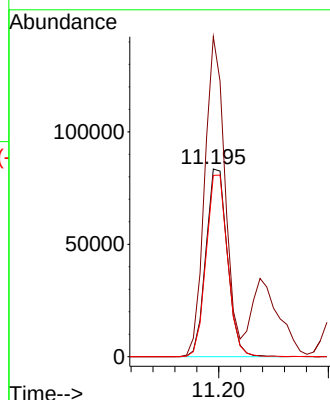
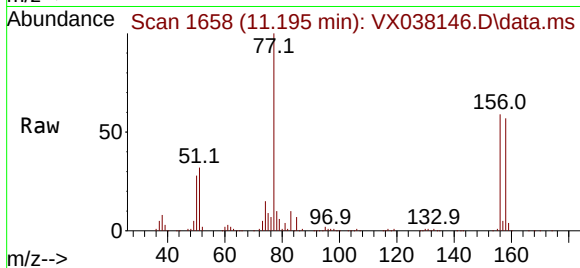
Tgt Ion:	156	Resp:	11345
Ion Ratio	Lower	Upper	
156	100		
77	160.7	0.0	333.0
158	96.9	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#74

n-propylbenzene

Concen: 52.698 ug/l

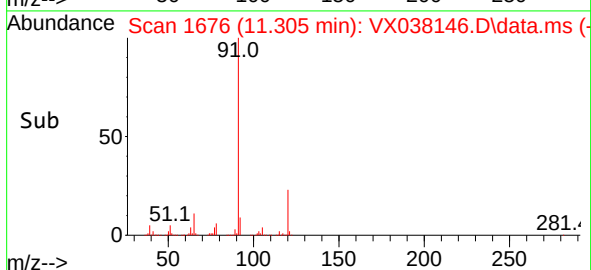
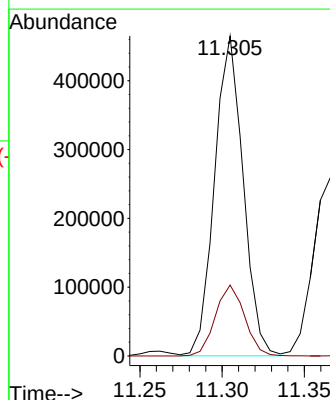
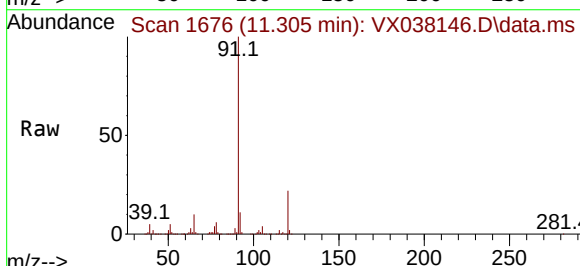
RT: 11.305 min Scan# 1676

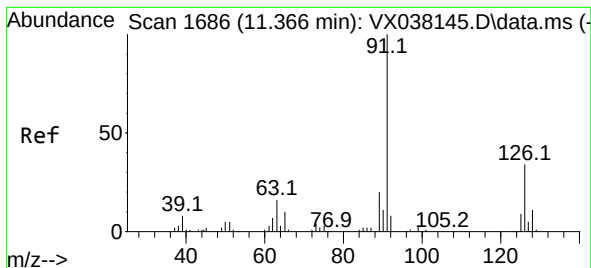
Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Tgt Ion:	91	Resp:	562045
Ion Ratio	Lower	Upper	
91	100		
120	22.7	0.0	46.6





#75

2-Chlorotoluene

Concen: 52.346 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 91 Resp: 32804

Ion Ratio Lower Upper

91 100

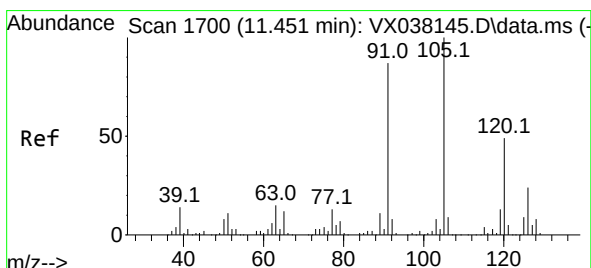
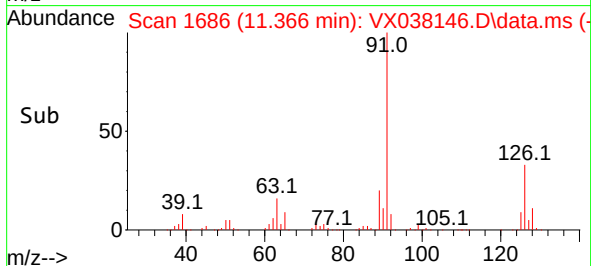
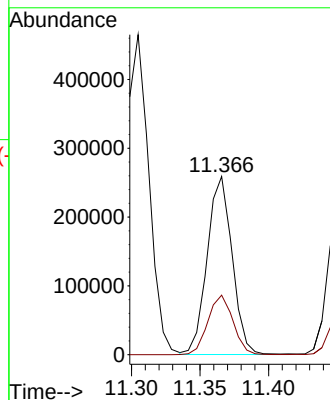
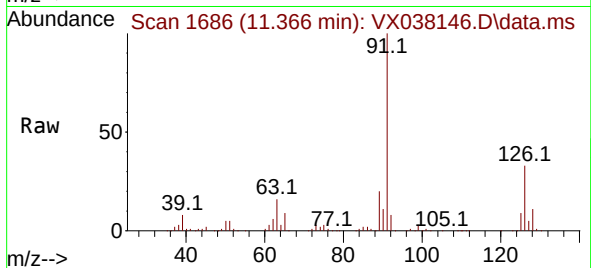
126 33.6 0.0 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#76

1,3,5-Trimethylbenzene

Concen: 52.685 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038146.D

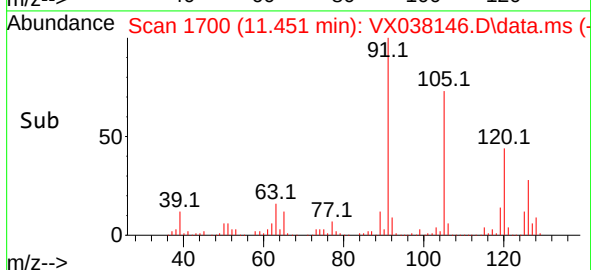
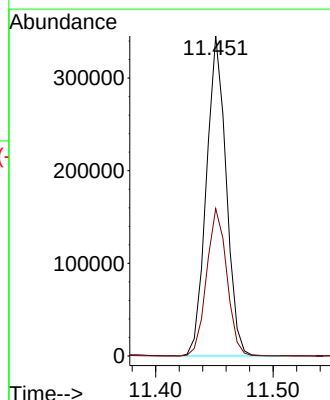
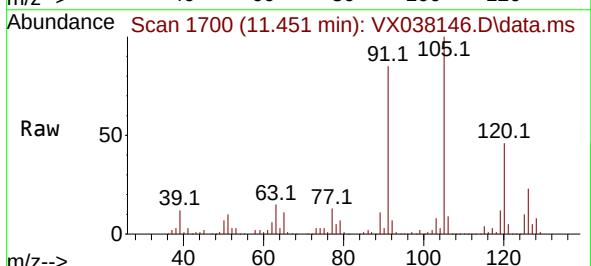
Acq: 06 Oct 2023 23:29

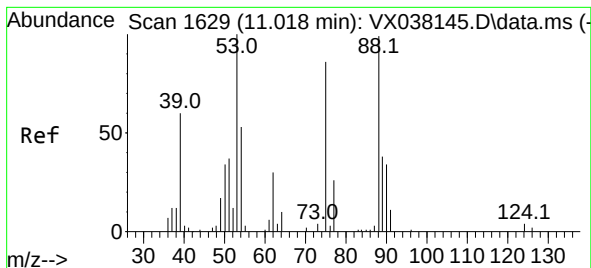
Tgt Ion:105 Resp: 404066

Ion Ratio Lower Upper

105 100

120 47.0 0.0 96.4





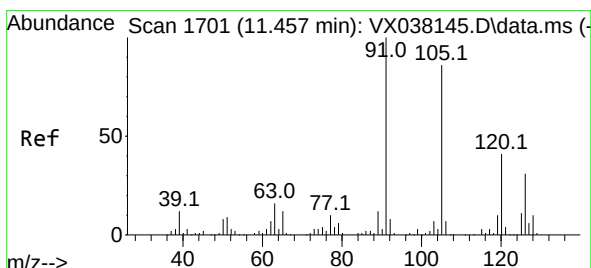
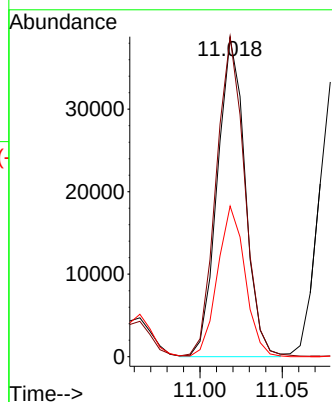
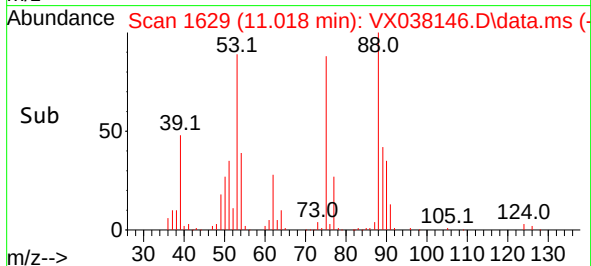
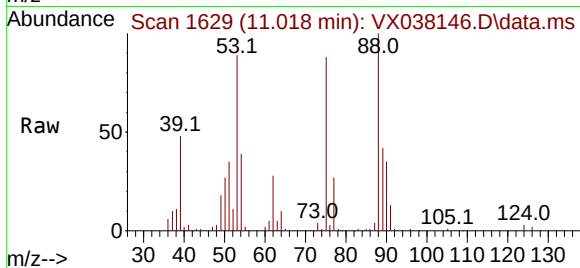
#77
t-1,4-Dichloro-2-butene
Concen: 56.675 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 4538
Ion Ratio Lower Upper
75 100
53 100.3 53.9 161.7
89 47.0 22.1 66.1

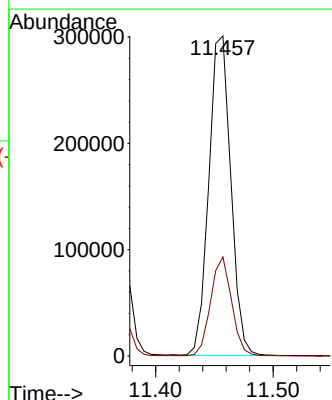
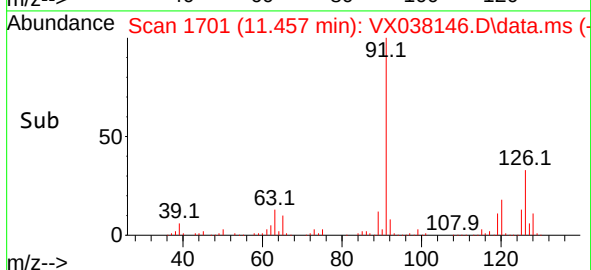
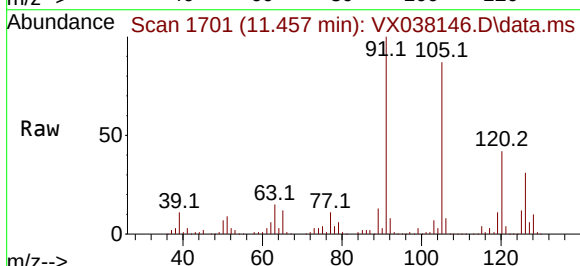
Manual Integrations
APPROVED

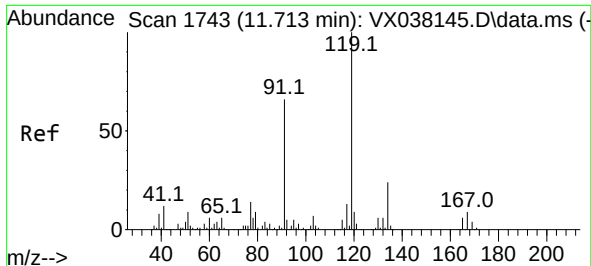
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#78
4-Chlorotoluene
Concen: 52.620 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion: 91 Resp: 392149
Ion Ratio Lower Upper
91 100
126 29.5 0.0 59.4





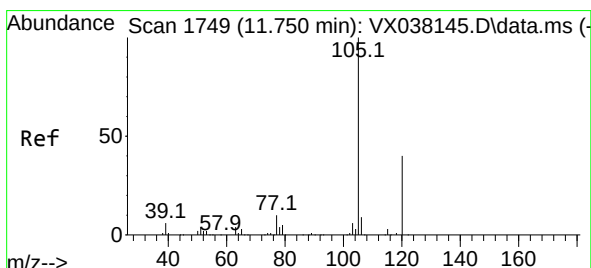
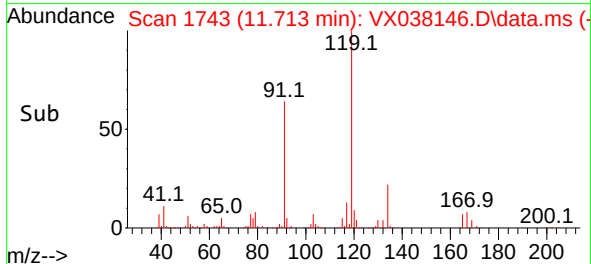
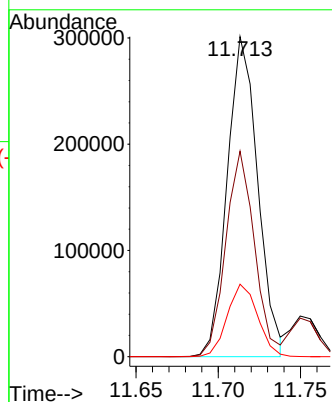
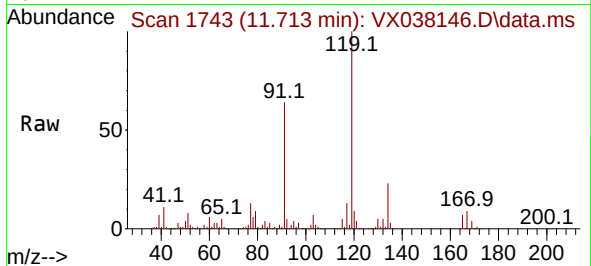
#79
tert-butylbenzene
Concen: 53.505 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:119 Resp: 38981
Ion Ratio Lower Upper
119 100
91 60.4 0.0 124.4
134 22.5 0.0 47.2

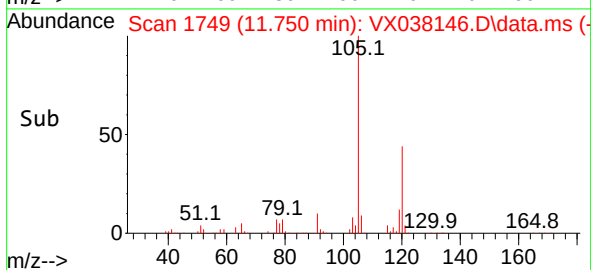
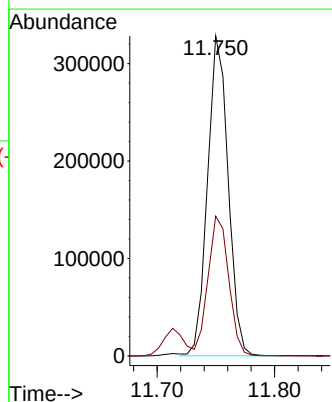
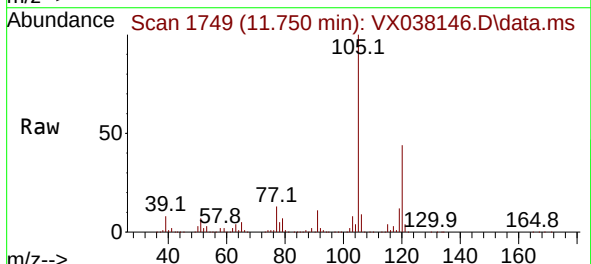
Manual Integrations
APPROVED

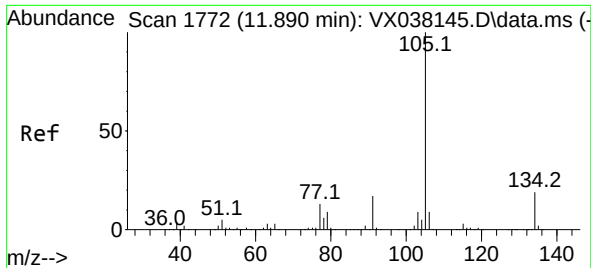
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 53.277 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

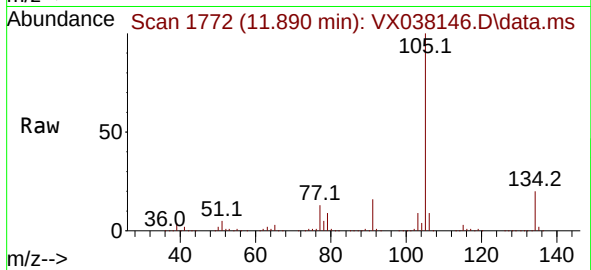
Tgt Ion:105 Resp: 398960
Ion Ratio Lower Upper
105 100
120 44.0 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 53.544 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038146.D
 Acq: 06 Oct 2023 23:29

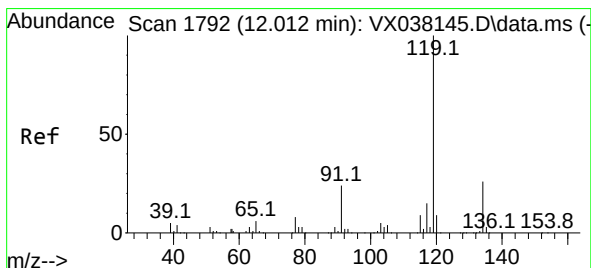
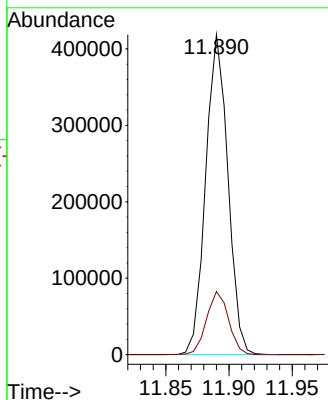
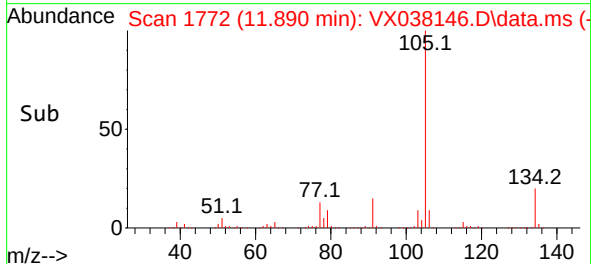
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



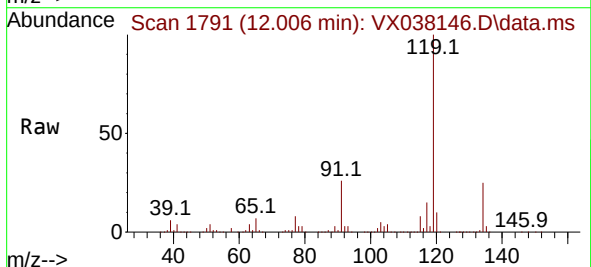
Tgt Ion:105 Resp: 510320
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 41.2

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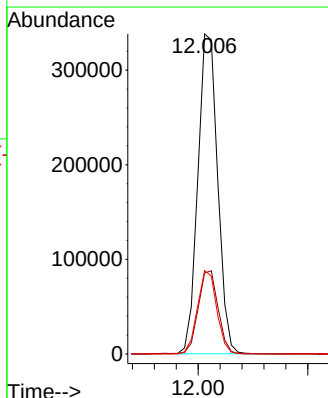
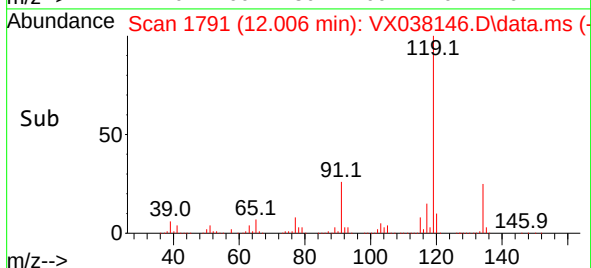
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

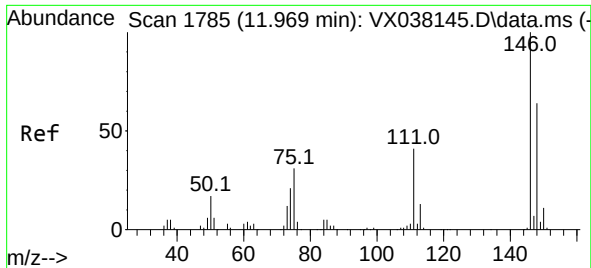


#82
 p-Isopropyltoluene
 Concen: 53.699 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038146.D
 Acq: 06 Oct 2023 23:29



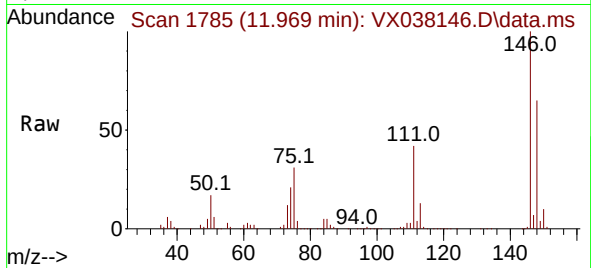
Tgt Ion:119 Resp: 423105
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 53.2
 91 25.3 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 52.169 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

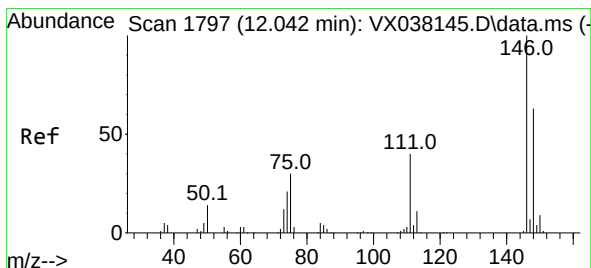
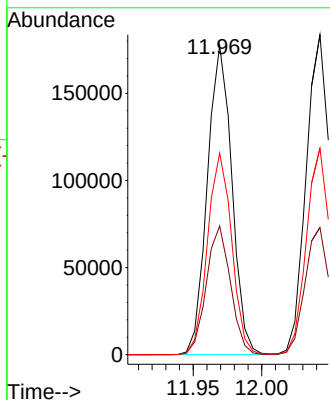
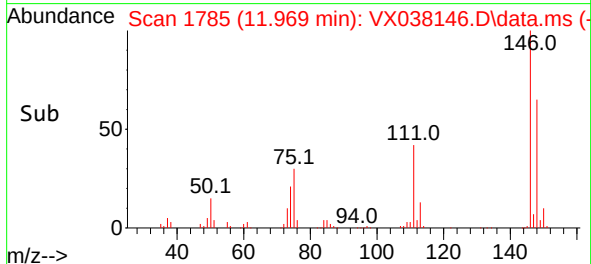
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



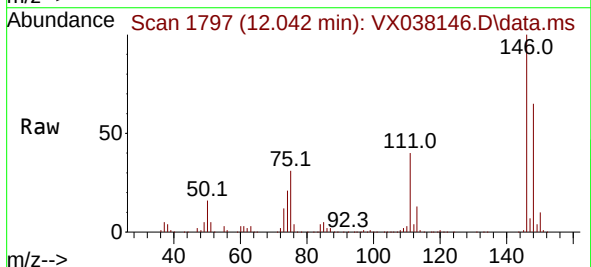
Tgt Ion:146 Resp: 221109
Ion Ratio Lower Upper
146 100
111 41.0 20.4 61.2
148 64.2 31.6 94.8

Manual Integrations
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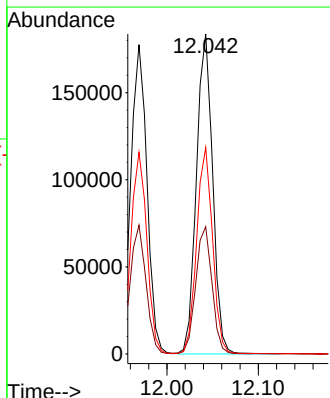
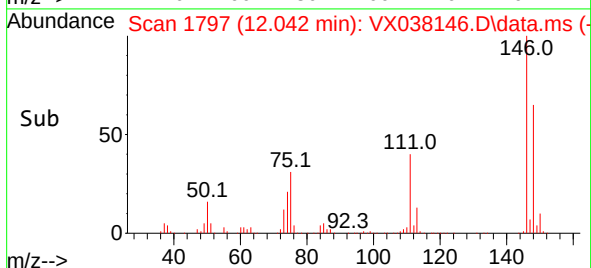
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

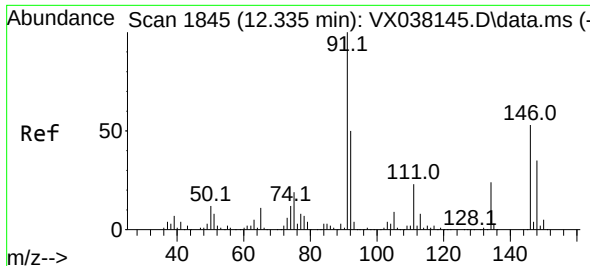


#84
1,4-Dichlorobenzene
Concen: 52.491 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29



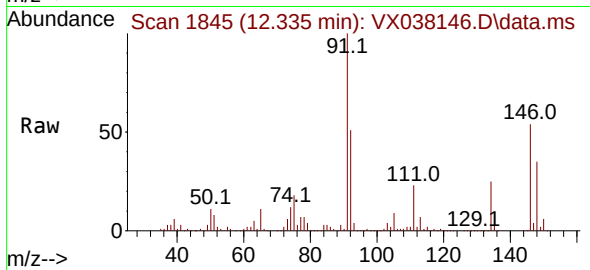
Tgt Ion:146 Resp: 226524
Ion Ratio Lower Upper
146 100
111 40.0 20.2 60.6
148 63.3 32.1 96.3





#85
n-Butylbenzene
Concen: 53.086 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

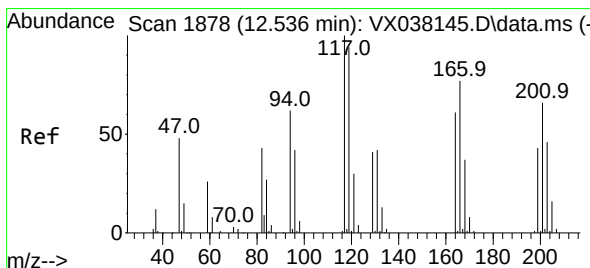
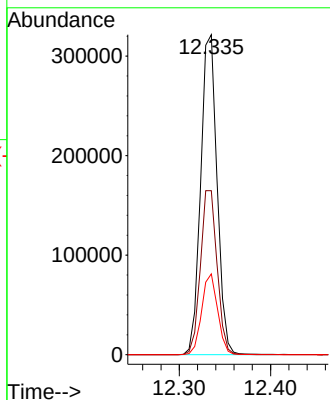
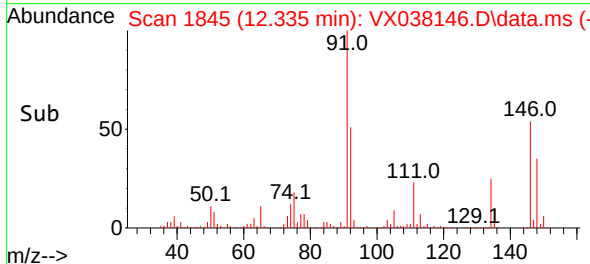
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 39910
Ion Ratio Lower Upper
91 100
92 52.2 0.0 105.2
134 24.6 0.0 51.4

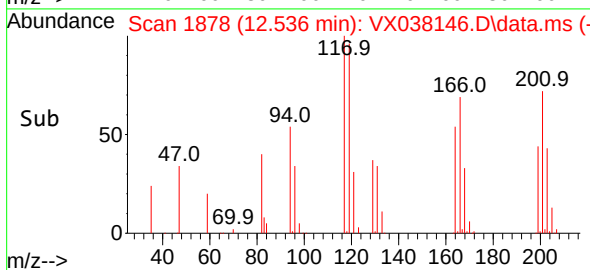
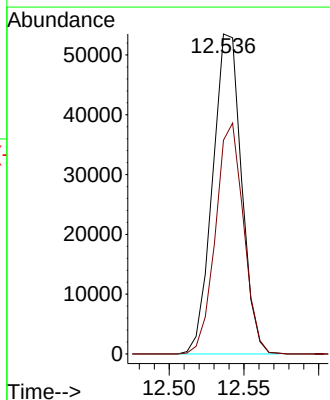
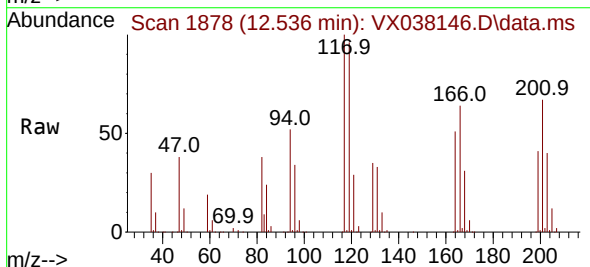
Manual Integrations
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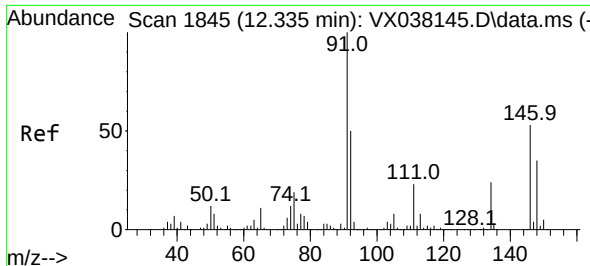
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#86
Hexachloroethane
Concen: 55.253 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

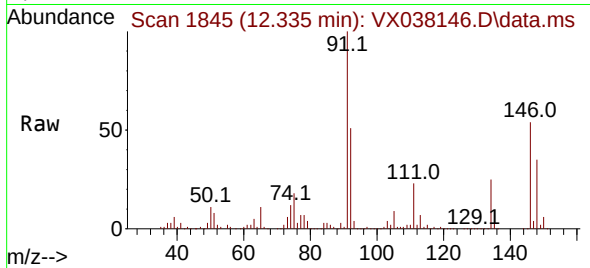
Tgt Ion:117 Resp: 71968
Ion Ratio Lower Upper
117 100
201 69.9 36.0 108.0





#87
1,2-Dichlorobenzene
Concen: 52.441 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

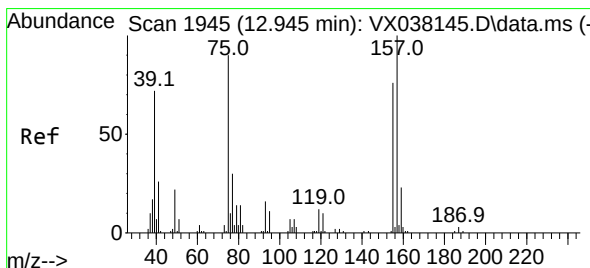
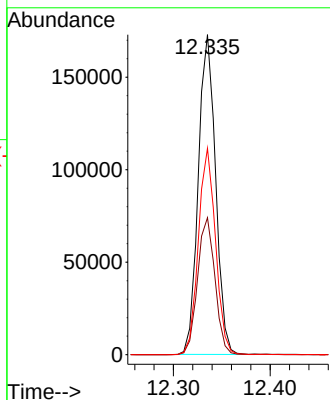
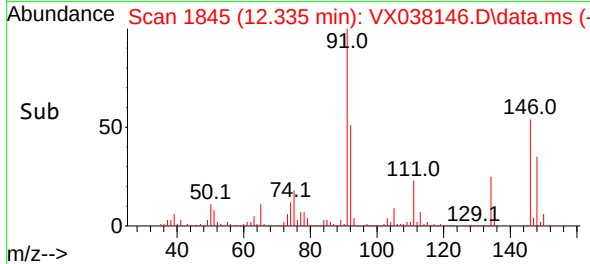
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:146 Resp: 215436
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.3
148 64.2 33.2 99.6

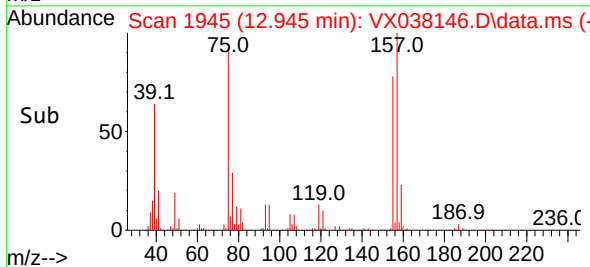
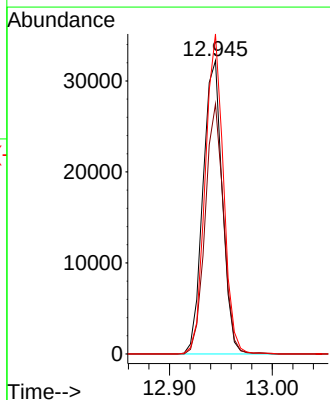
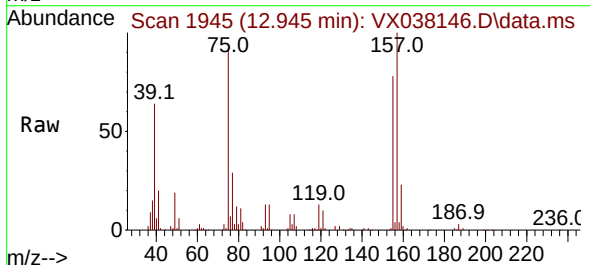
Manual Integrations
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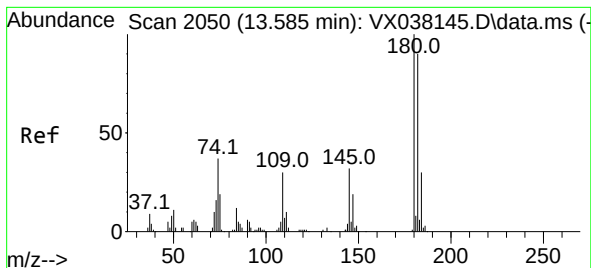
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 56.237 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion: 75 Resp: 42130
Ion Ratio Lower Upper
75 100
155 81.0 62.7 94.1
157 102.8 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 51.883 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

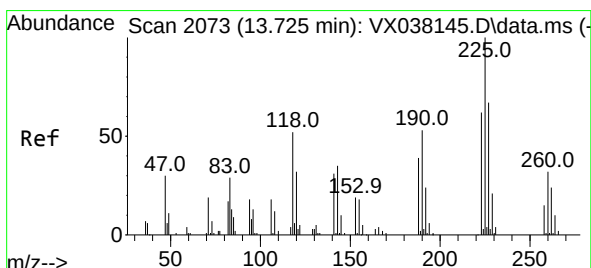
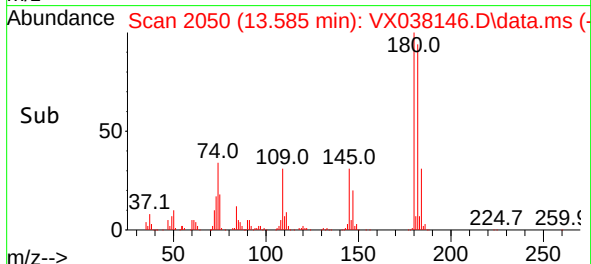
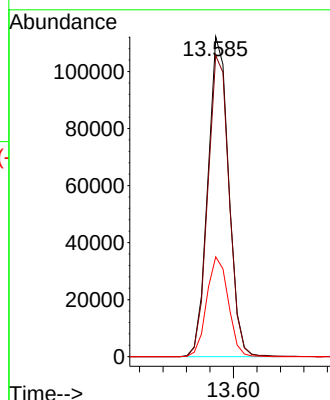
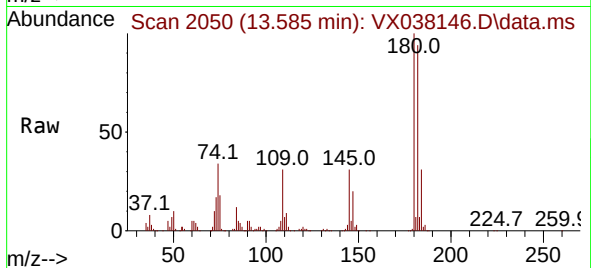
Tgt Ion:180	Resp: 13837
Ion Ratio	Lower Upper
180 100	
182 95.8	75.6 113.4
145 32.1	25.4 38.2

Manual Integrations

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Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#90

Hexachlorobutadiene

Concen: 52.426 ug/l

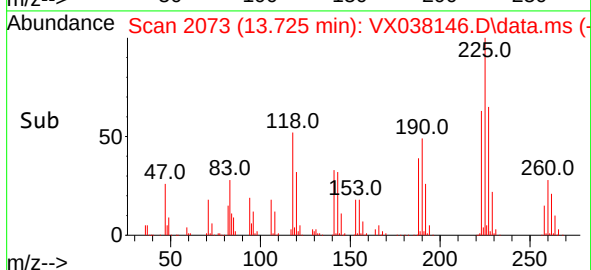
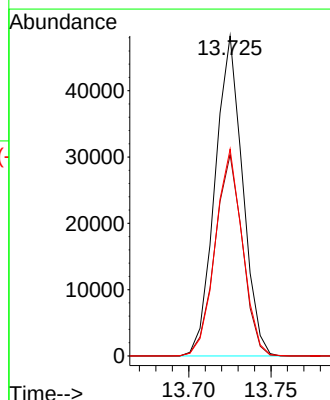
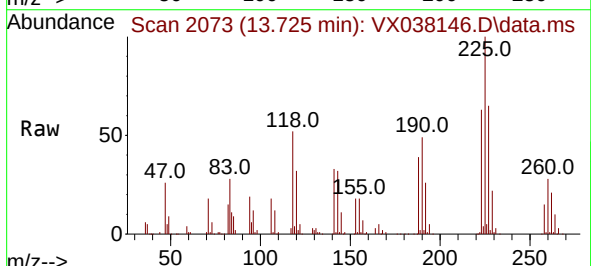
RT: 13.725 min Scan# 2073

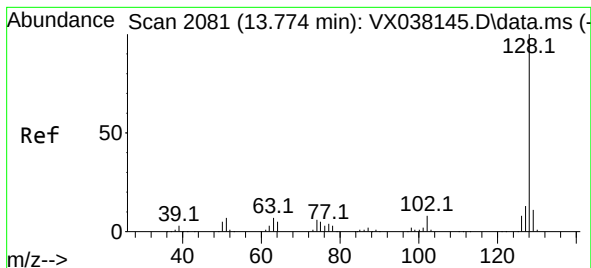
Delta R.T. 0.000 min

Lab File: VX038146.D

Acq: 06 Oct 2023 23:29

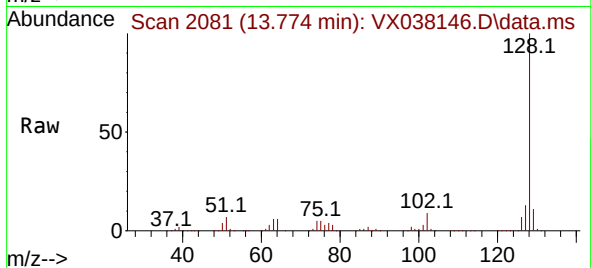
Tgt Ion:225	Resp: 56242
Ion Ratio	Lower Upper
225 100	
223 62.7	0.0 124.2
227 63.5	0.0 120.4





#91
Naphthalene
Concen: 53.669 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

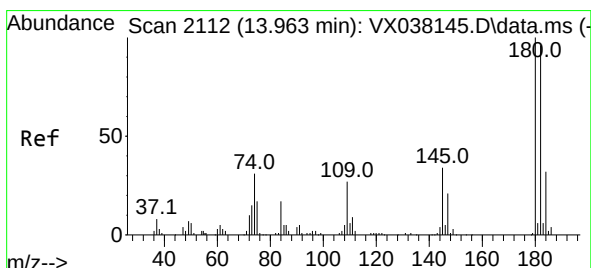
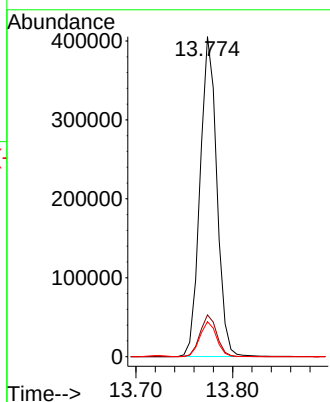
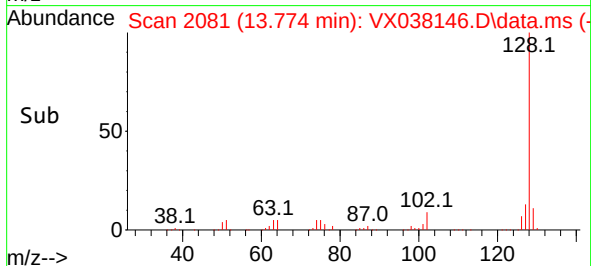
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 490200
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 52.331 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038146.D
Acq: 06 Oct 2023 23:29

Tgt Ion:180 Resp: 136619
Ion Ratio Lower Upper
180 100
182 94.3 0.0 190.6
145 33.9 0.0 66.8

