

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037686.D
 Acq On : 13 Sep 2023 11:36
 Operator : JC/MD
 Sample : VX0913WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2023
 Supervised By : Mahesh Dadoda 09/14/2023

Quant Time: Sep 14 02:16:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	205084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	351519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155321	46.810	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.620%		
35) Dibromofluoromethane	5.391	113	124587	50.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.000%		
50) Toluene-d8	8.647	98	468357	49.842	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.680%		
62) 4-Bromofluorobenzene	11.079	95	168774	49.783	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	42117	18.731	ug/l	96
3) Chloromethane	1.307	50	47079	18.379	ug/l	100
4) Vinyl Chloride	1.374	62	52353	18.169	ug/l	98
5) Bromomethane	1.599	94	41926	17.395	ug/l	96
6) Chloroethane	1.685	64	37263	18.808	ug/l	97
7) Trichlorofluoromethane	1.886	101	87048	18.259	ug/l	99
8) Diethyl Ether	2.136	74	34215	18.083	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	41391	19.368	ug/l	97
10) Methyl Iodide	2.453	142	48976	19.405	ug/l	94
11) Tert butyl alcohol	2.965	59	69653	94.665	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	39802	18.864	ug/l	89
13) Acrolein	2.240	56	48341	89.168	ug/l	99
14) Allyl chloride	2.666	41	68733	18.595	ug/l	96
15) Acrylonitrile	3.069	53	144375	94.877	ug/l	99
16) Acetone	2.380	43	132482	98.759	ug/l	91
17) Carbon Disulfide	2.514	76	91753	17.106	ug/l	99
18) Methyl Acetate	2.703	43	104985	18.532	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	152972	18.364	ug/l	98
20) Methylene Chloride	2.788	84	52358	19.407	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	45518	18.751	ug/l	90
22) Diisopropyl ether	3.764	45	149956	18.622	ug/l #	92
23) Vinyl Acetate	3.727	43	553482	94.233	ug/l	96
24) 1,1-Dichloroethane	3.611	63	87365	18.618	ug/l	99
25) 2-Butanone	4.562	43	202615	92.632	ug/l	93
26) 2,2-Dichloropropane	4.483	77	67388	20.645	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	56514	19.091	ug/l	91
28) Bromochloromethane	4.904	49	42300	17.843	ug/l	85
29) Tetrahydrofuran	5.007	42	128857	92.510	ug/l	91
30) Chloroform	5.099	83	95287	18.803	ug/l	98
31) Cyclohexane	5.471	56	70059	18.336	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	79854	18.933	ug/l	99
36) 1,1-Dichloropropene	5.696	75	63419	18.710	ug/l	97
37) Ethyl Acetate	4.721	43	73523	18.957	ug/l	96
38) Carbon Tetrachloride	5.678	117	66660	19.251	ug/l	98
39) Methylcyclohexane	7.379	83	78199	19.497	ug/l	94
40) Benzene	6.038	78	198845	19.351	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39655	19.412	ug/l	91
42) 1,2-Dichloroethane	6.092	62	74342	18.511	ug/l	98
43) Isopropyl Acetate	6.342	43	119079	19.246	ug/l	96
44) Trichloroethene	7.129	130	50534	19.684	ug/l	99
45) 1,2-Dichloropropane	7.434	63	52538	19.374	ug/l	97
46) Dibromomethane	7.586	93	37990	19.257	ug/l	95
47) Bromodichloromethane	7.824	83	69767	19.589	ug/l	98
48) Methyl methacrylate	7.696	41	58147	19.441	ug/l	88
49) 1,4-Dioxane	7.665	88	31949	431.145	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	400741	98.636	ug/l	97
52) Toluene	8.720	92	127724	19.332	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	69456	19.236	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	78220	19.742	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	55593	19.983	ug/l	94
56) Ethyl methacrylate	9.116	69	82076	19.282	ug/l	94
57) 1,3-Dichloropropane	9.311	76	89145	19.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	199885	96.849	ug/l	100
59) 2-Hexanone	9.433	43	313029	99.815	ug/l	95
60) Dibromochloromethane	9.525	129	52572	19.239	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57990	19.392	ug/l	99
64) Tetrachloroethene	9.275	164	43015	19.734	ug/l	95
65) Chlorobenzene	10.080	112	138017	19.247	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	50406	20.396	ug/l	98
67) Ethyl Benzene	10.195	91	248660	19.486	ug/l	99
68) m/p-Xylenes	10.299	106	190288	39.107	ug/l	99
69) o-Xylene	10.640	106	94339	19.446	ug/l	99
70) Styrene	10.653	104	155121	19.599	ug/l	97
71) Bromoform	10.799	173	37785	19.539	ug/l #	100
73) Isopropylbenzene	10.964	105	249369	20.163	ug/l	99
74) N-amyl acetate	10.842	43	106942	19.830	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	91609	19.794	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72895m	20.073	ug/l	
77) Bromobenzene	11.201	156	60392	20.606	ug/l	92
78) n-propylbenzene	11.305	91	283433	19.920	ug/l	99
79) 2-Chlorotoluene	11.366	91	175280	20.013	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	214201	20.608	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22983	19.237	ug/l	97
82) 4-Chlorotoluene	11.457	91	197031	19.693	ug/l	98
83) tert-Butylbenzene	11.713	119	214328	20.526	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	213310	20.356	ug/l	98
85) sec-Butylbenzene	11.890	105	259819	20.155	ug/l	100
86) p-Isopropyltoluene	12.006	119	215125	20.365	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	110696	19.671	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	111300	19.244	ug/l	98
89) n-Butylbenzene	12.329	91	185874	19.428	ug/l	97
90) Hexachloroethane	12.536	117	35498	19.915	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	113208	20.107	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18286	19.242	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	65397	19.503	ug/l	96
94) Hexachlorobutadiene	13.725	225	29703	21.206	ug/l	98
95) Naphthalene	13.774	128	235525	19.391	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67403	19.592	ug/l	98

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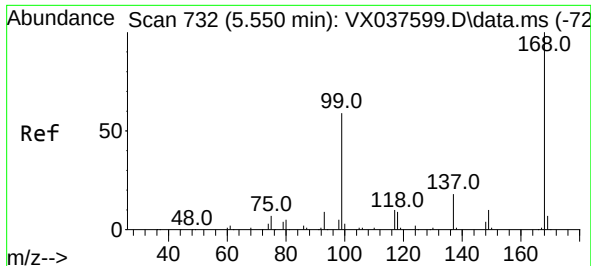
Manual Integrations
APPROVED

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Response via : Initial Calibration

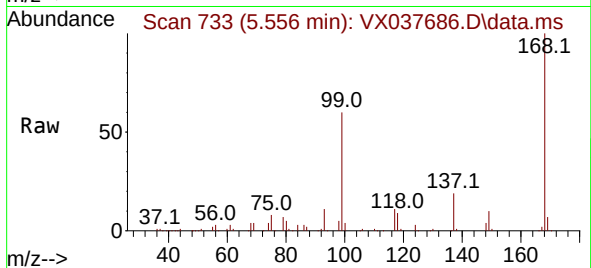
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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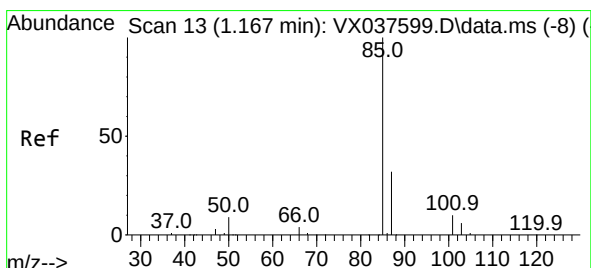
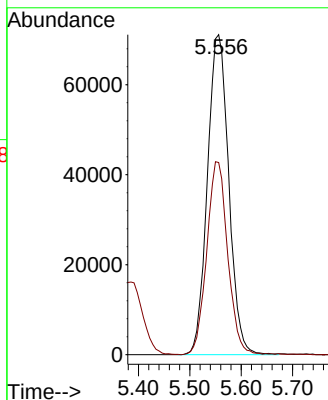
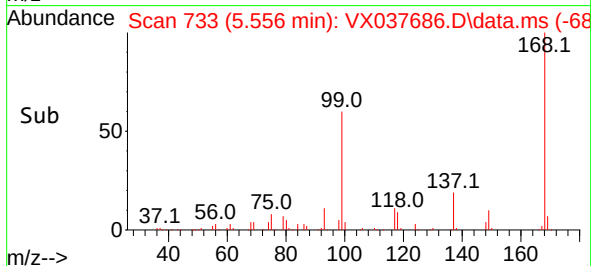
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion:168 Resp: 205084
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0

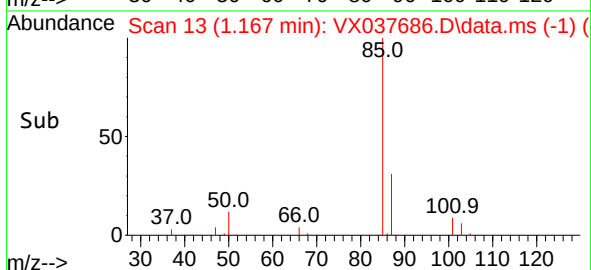
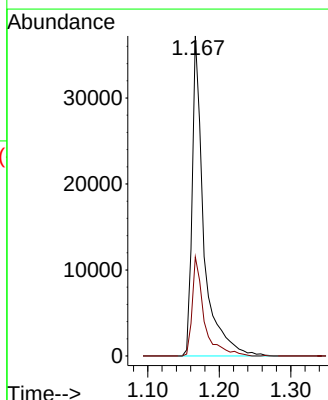
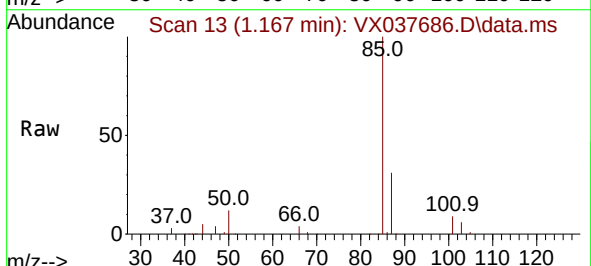
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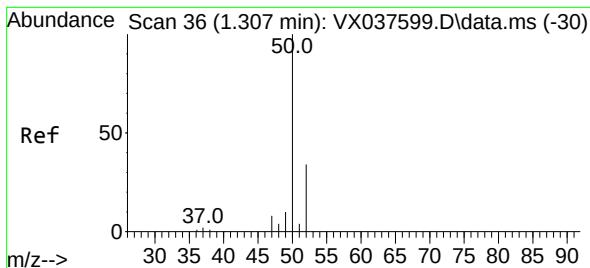
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#2
Dichlorodifluoromethane
Concen: 18.731 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

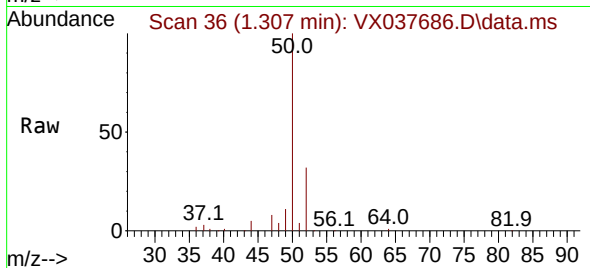
Tgt Ion: 85 Resp: 42117
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





#3
Chloromethane
Concen: 18.379 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

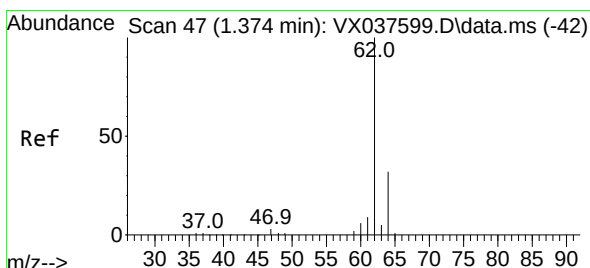
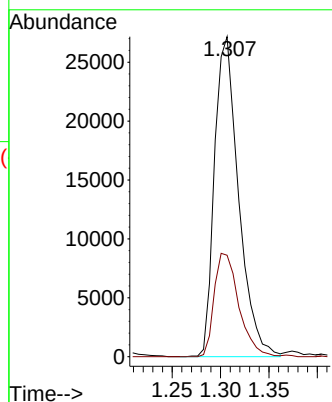
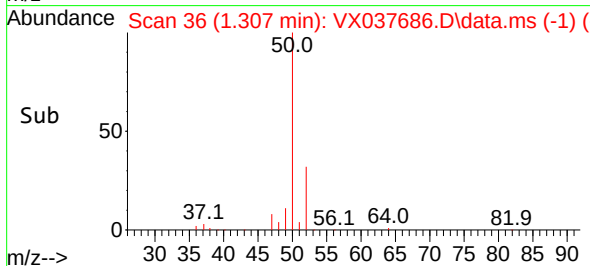
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Tgt Ion: 50 Resp: 47079
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3

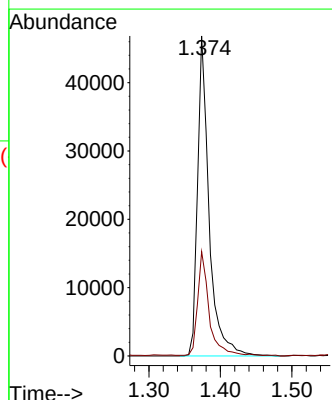
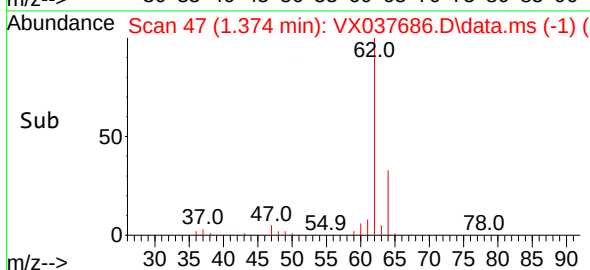
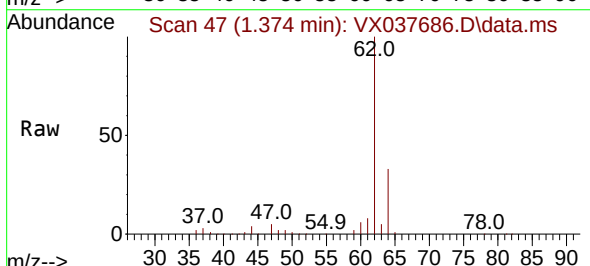
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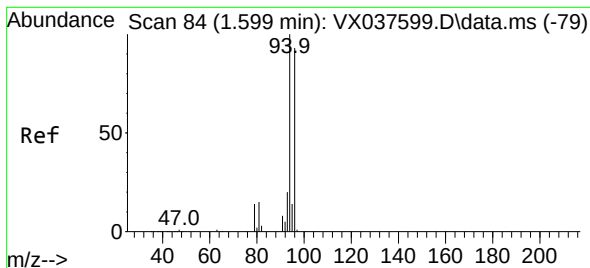
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#4
Vinyl Chloride
Concen: 18.169 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

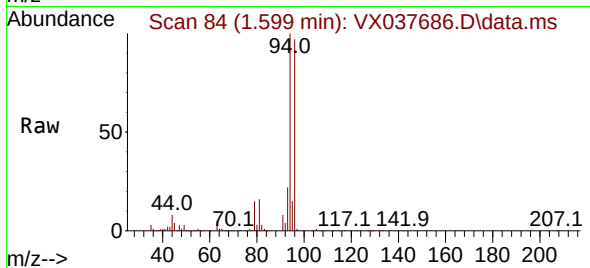
Tgt Ion: 62 Resp: 52353
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 17.395 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

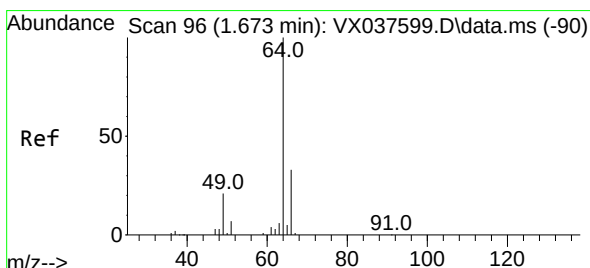
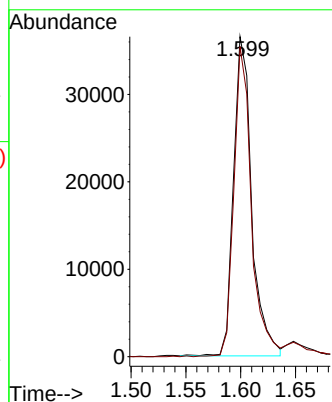
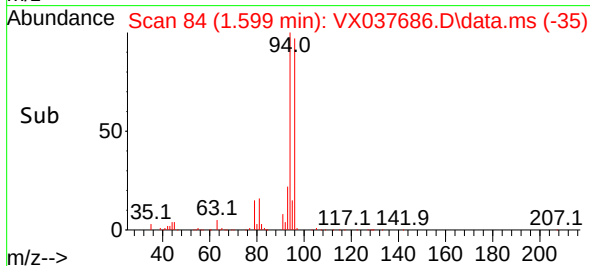
Instrument :
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Tgt Ion: 94 Resp: 41920
Ion Ratio Lower Upper
94 100
96 97.1 74.6 111.8

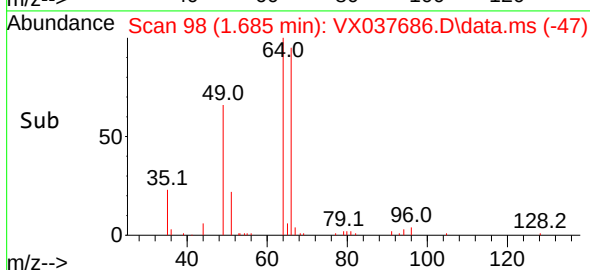
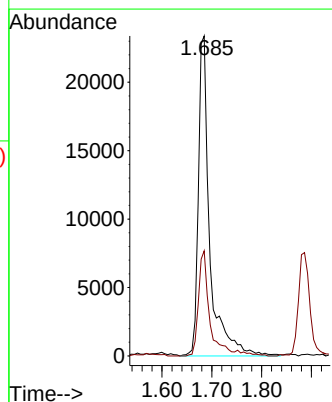
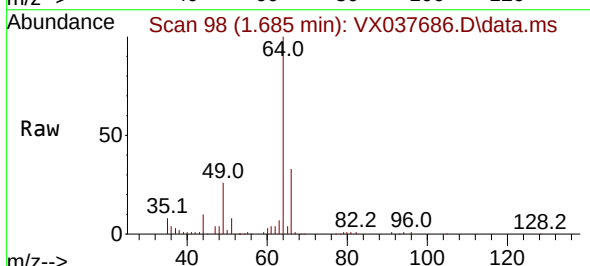
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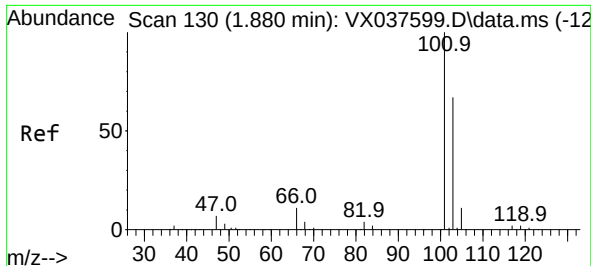
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#6
Chloroethane
Concen: 18.808 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.012 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion: 64 Resp: 37263
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





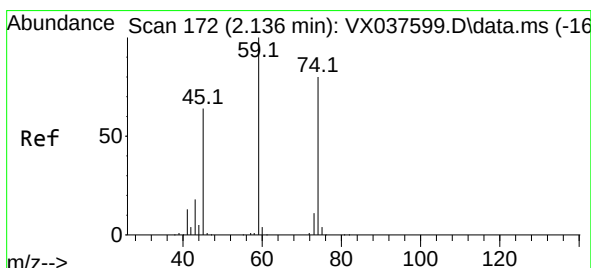
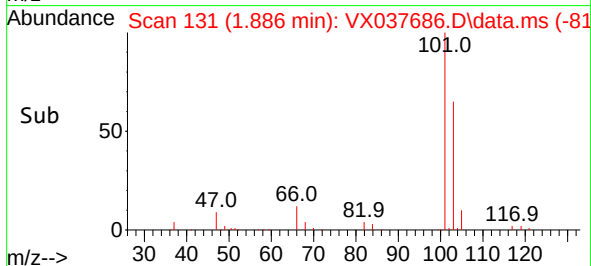
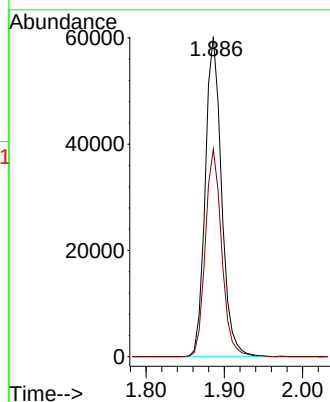
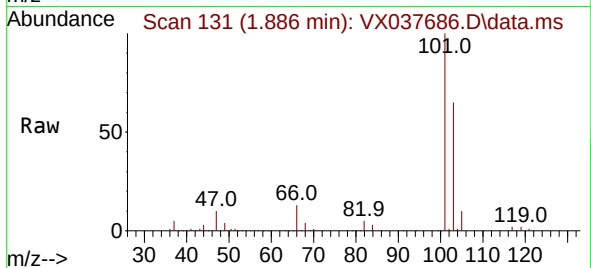
#7
Trichlorofluoromethane
Concen: 18.259 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Instrument :
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ClientSampleId :
VX0913WBS01

Tgt Ion:101 Resp: 87048
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

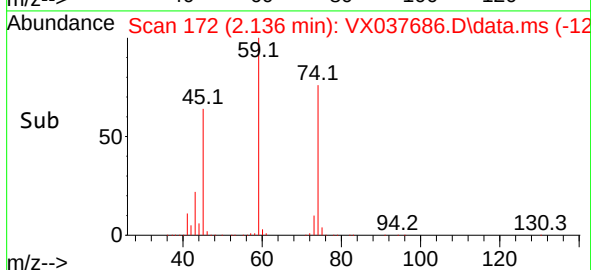
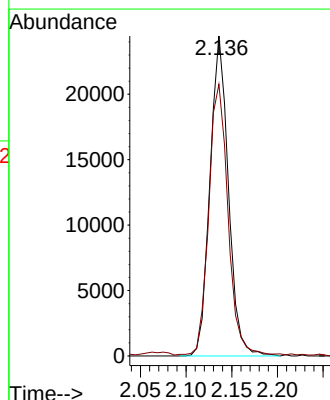
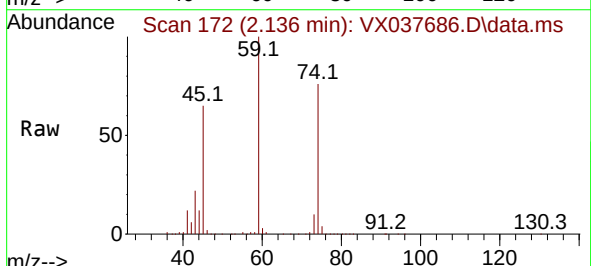
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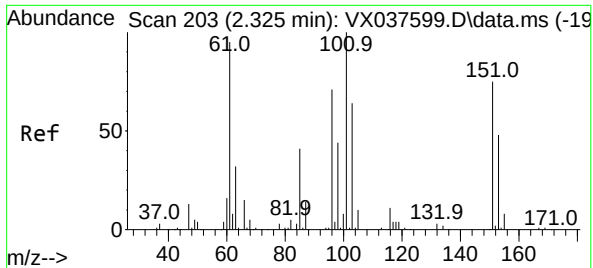
Reviewed By :John Carlone 09/14/2023
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#8
Diethyl Ether
Concen: 18.083 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion: 74 Resp: 34215
Ion Ratio Lower Upper
74 100
45 87.9 53.3 159.8





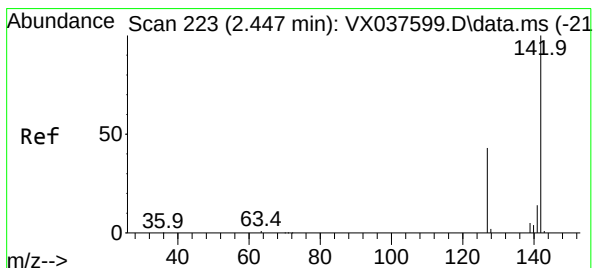
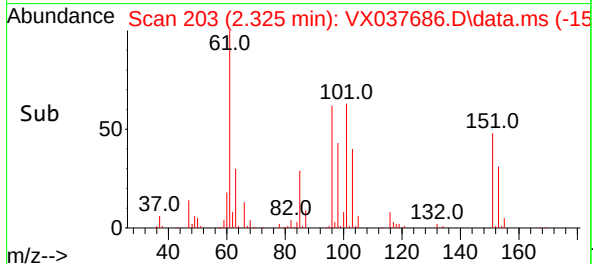
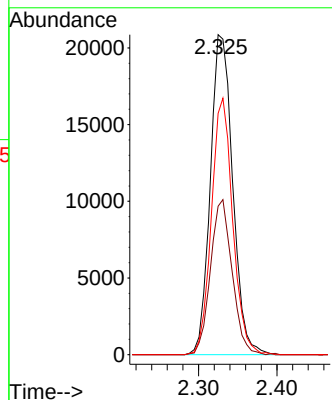
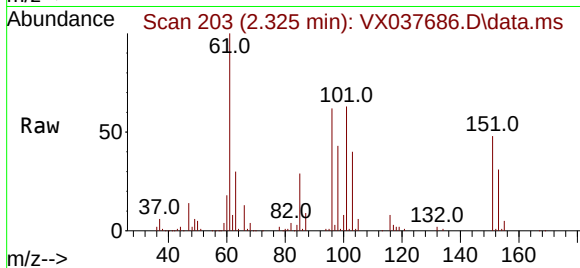
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.368 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Tgt Ion:101 Resp: 4139
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 76.5 58.6 87.8

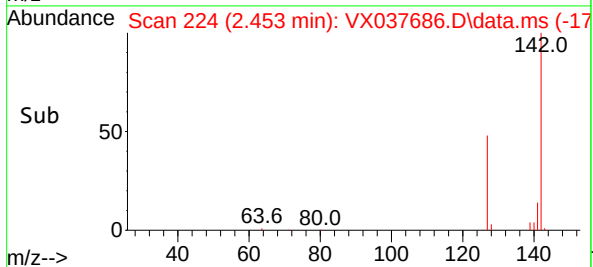
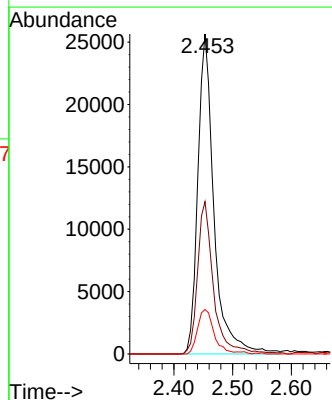
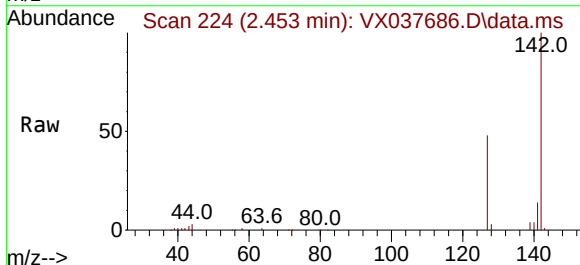
Manual Integrations
APPROVED

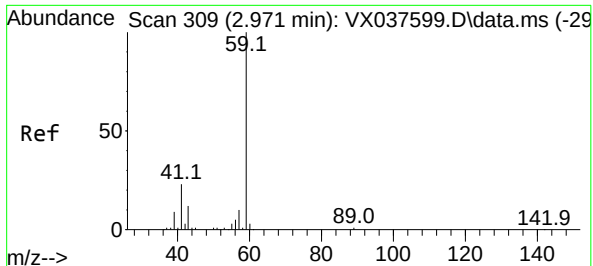
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#10
Methyl Iodide
Concen: 19.405 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion:142 Resp: 48976
Ion Ratio Lower Upper
142 100
127 46.7 41.6 62.4
141 14.4 11.6 17.4





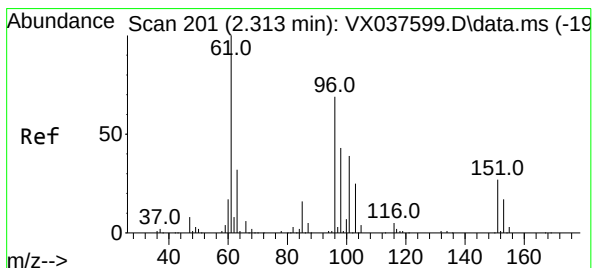
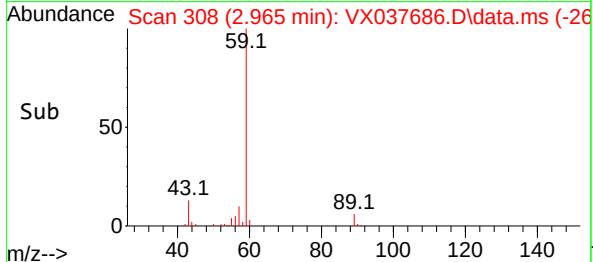
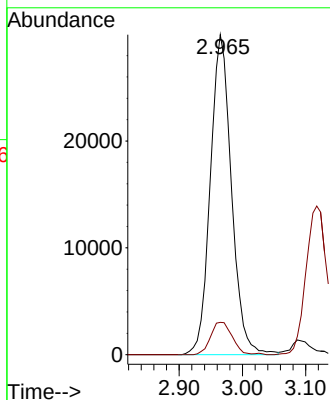
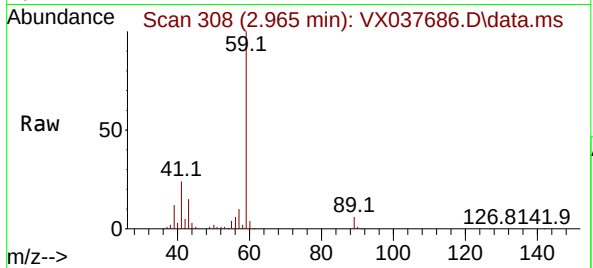
#11
Tert butyl alcohol
Concen: 94.665 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Tgt Ion: 59 Resp: 6965
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

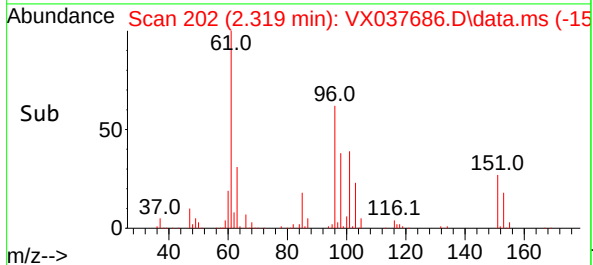
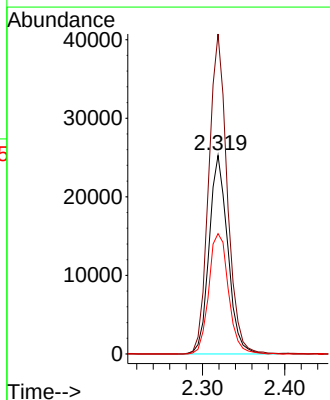
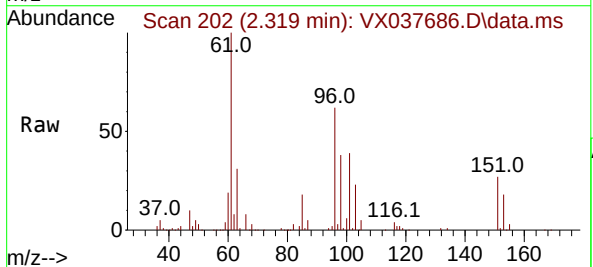
Manual Integrations
APPROVED

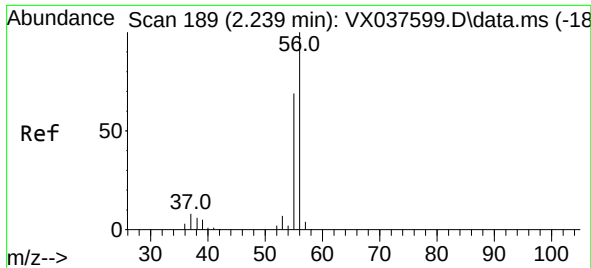
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#12
1,1-Dichloroethene
Concen: 18.864 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

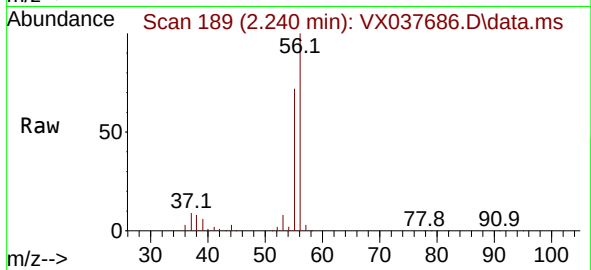
Tgt Ion: 96 Resp: 39802
Ion Ratio Lower Upper
96 100
61 161.1 144.6 216.8
98 60.6 50.4 75.6





#13
Acrolein
Concen: 89.168 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

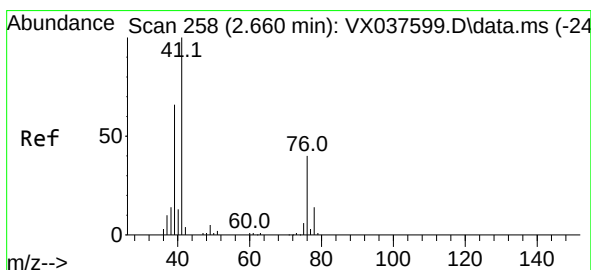
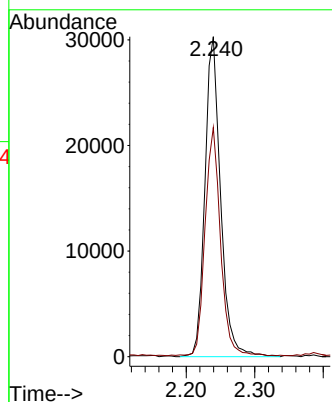
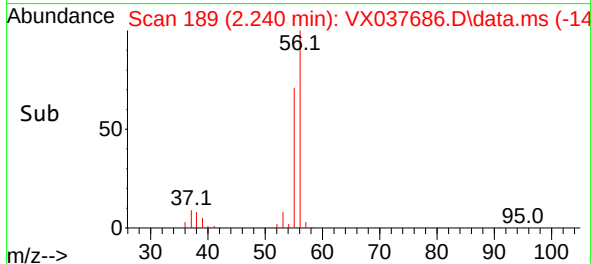
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion: 56 Resp: 4834
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7

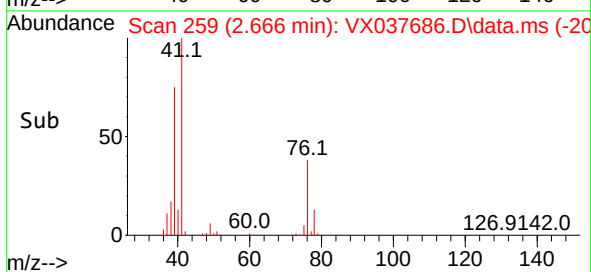
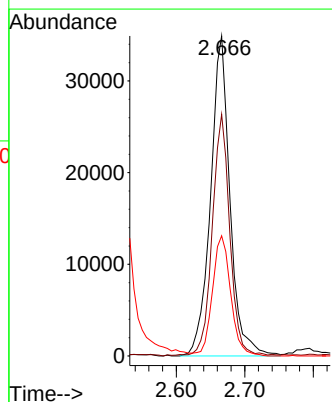
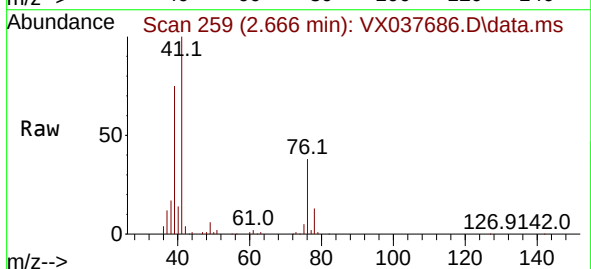
Manual Integrations
APPROVED

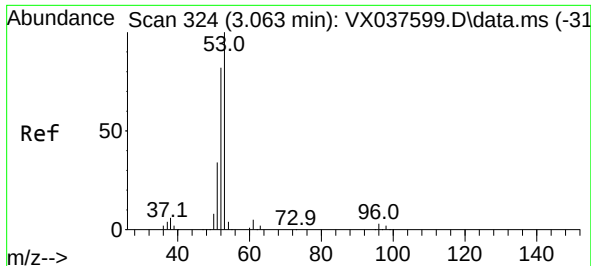
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#14
Allyl chloride
Concen: 18.595 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

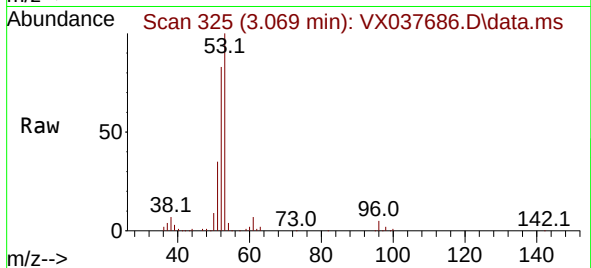
Tgt Ion: 41 Resp: 68733
Ion Ratio Lower Upper
41 100
39 68.4 55.8 83.6
76 35.3 24.3 36.5





#15
Acrylonitrile
Concen: 94.877 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

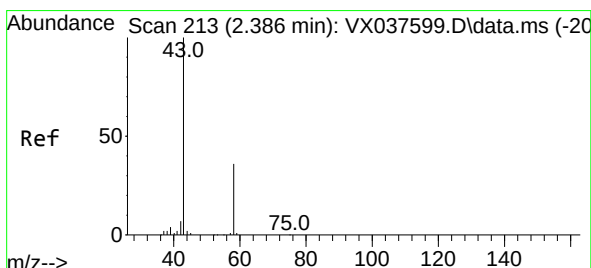
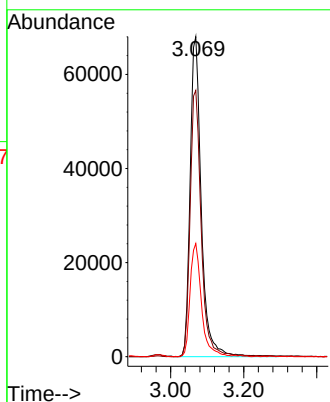
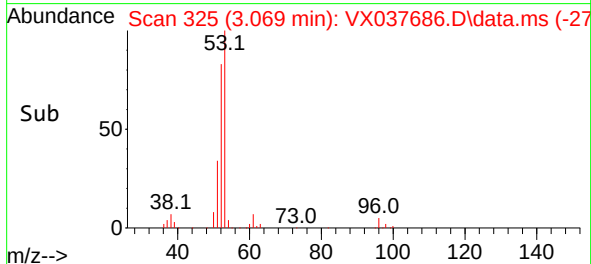
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion: 53 Resp: 144375
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 36.3 29.8 44.6

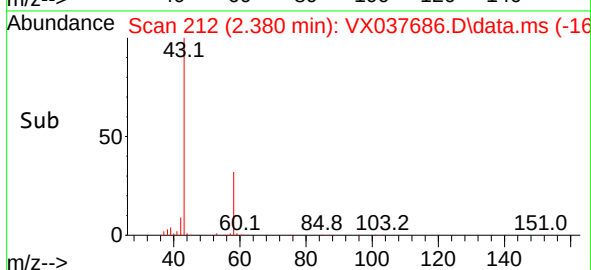
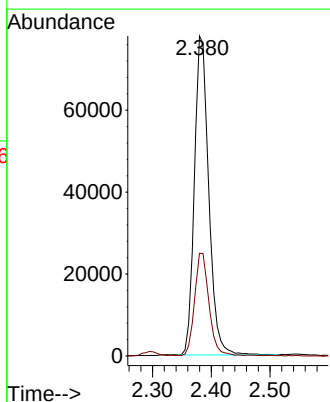
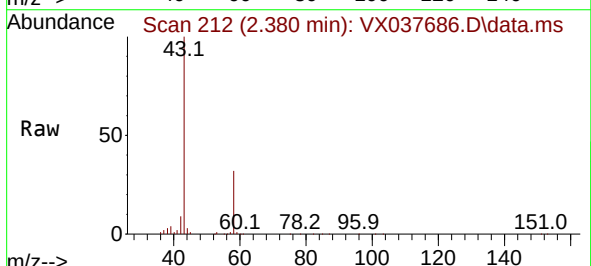
Manual Integrations
APPROVED

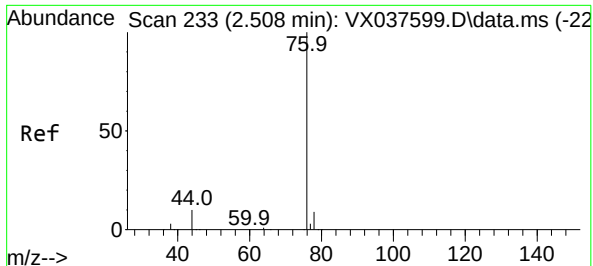
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#16
Acetone
Concen: 98.759 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion: 43 Resp: 132482
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9





#17

Carbon Disulfide

Concen: 17.106 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

Tgt Ion: 76 Resp: 9175

Ion Ratio Lower Upper

76 100

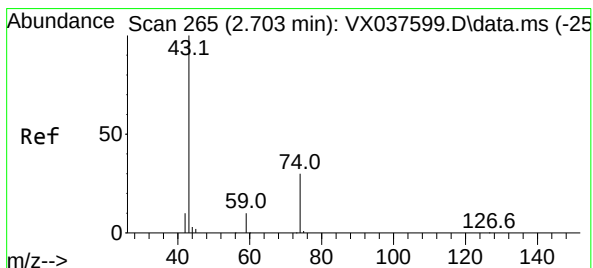
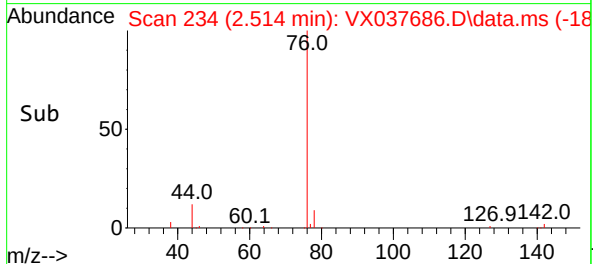
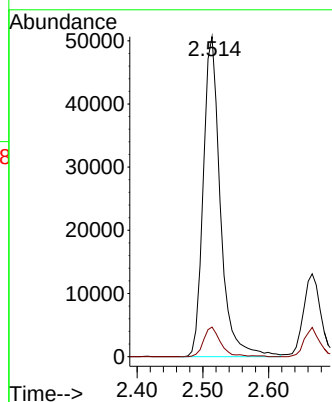
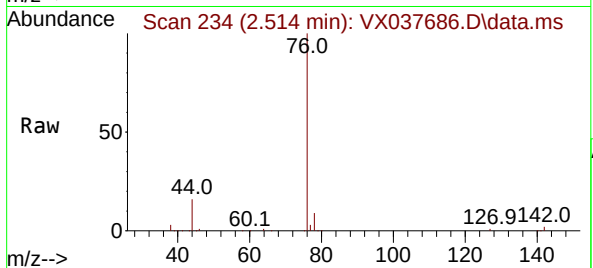
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#18

Methyl Acetate

Concen: 18.532 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX037686.D

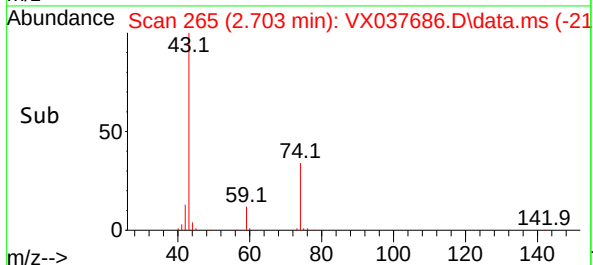
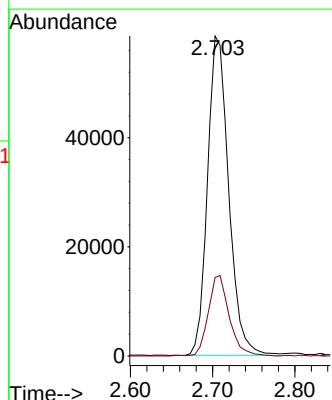
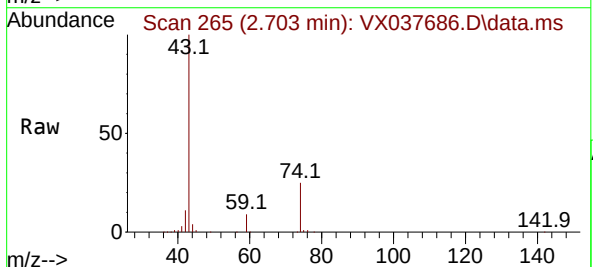
Acq: 13 Sep 2023 11:36

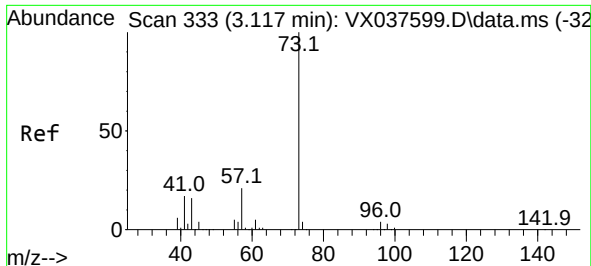
Tgt Ion: 43 Resp: 104985

Ion Ratio Lower Upper

43 100

74 24.9 17.8 26.8





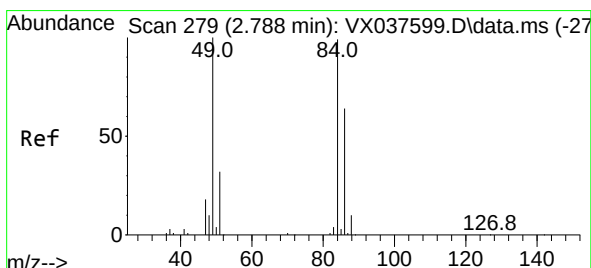
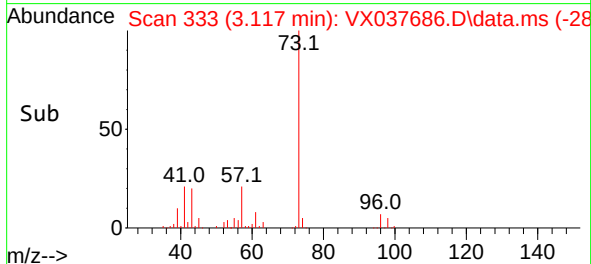
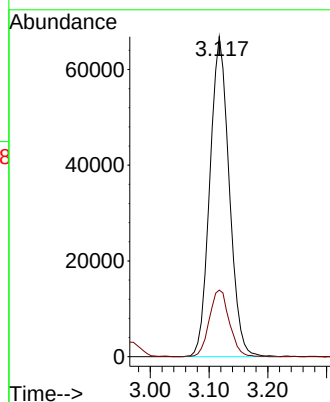
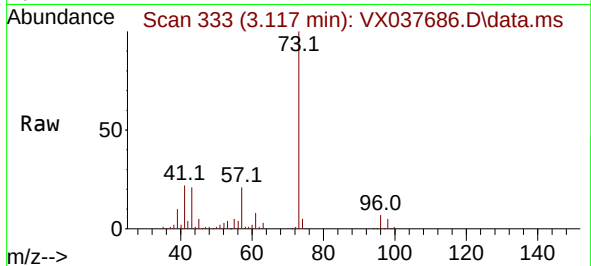
#19
Methyl tert-butyl Ether
Concen: 18.364 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Instrument :
MSVOA_X
Client Sample Id :
VX0913WBS01

Tgt Ion: 73 Resp: 152972
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

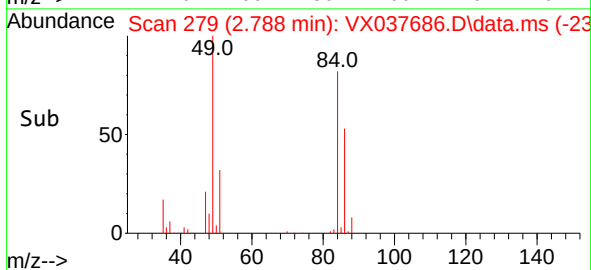
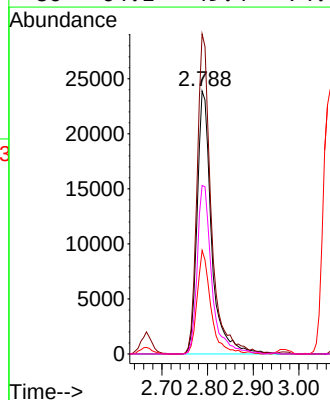
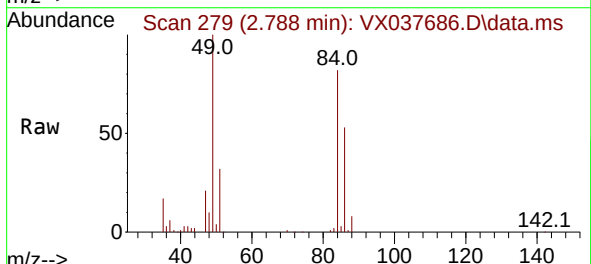
Manual Integrations
APPROVED

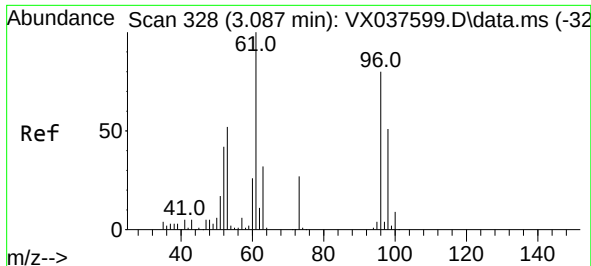
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#20
Methylene Chloride
Concen: 19.407 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

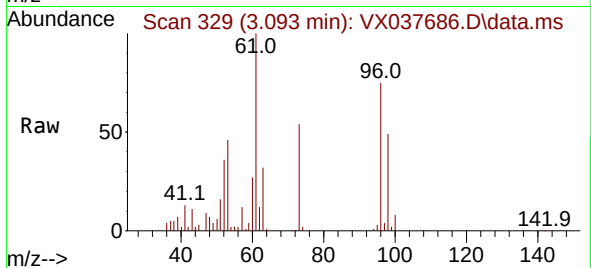
Tgt Ion: 84 Resp: 52358
Ion Ratio Lower Upper
84 100
49 121.7 103.6 155.4
51 39.4 33.8 50.6
86 64.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.751 ug/l
RT: 3.093 min Scan# 328
Delta R.T. 0.006 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

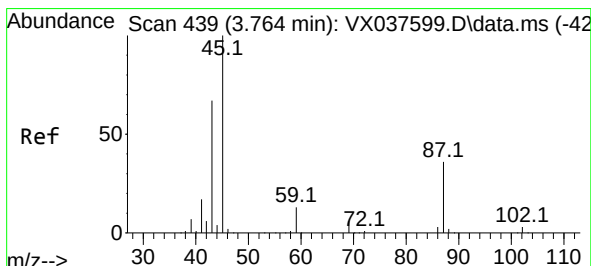
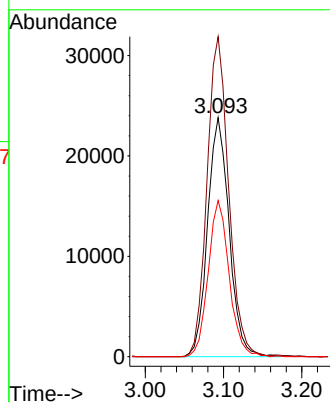
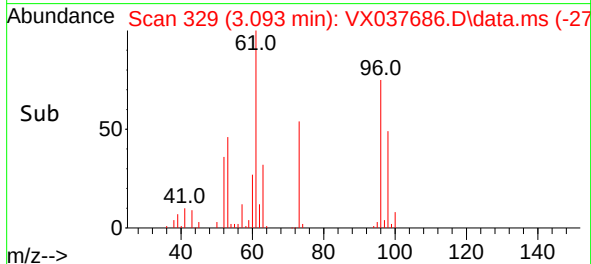
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion: 96 Resp: 45518
Ion Ratio Lower Upper
96 100
61 133.9 119.2 178.8
98 65.3 48.7 73.1

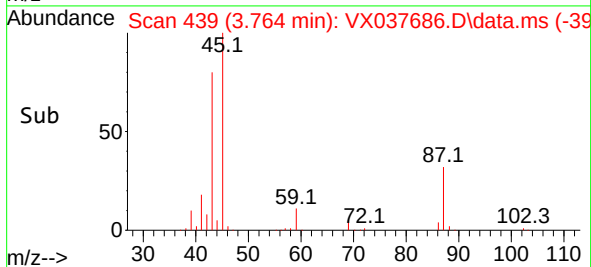
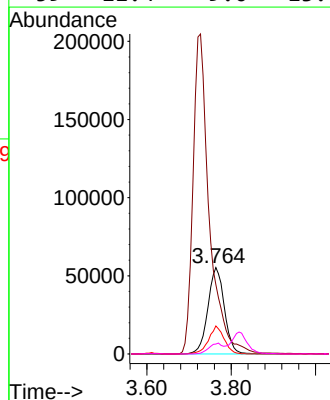
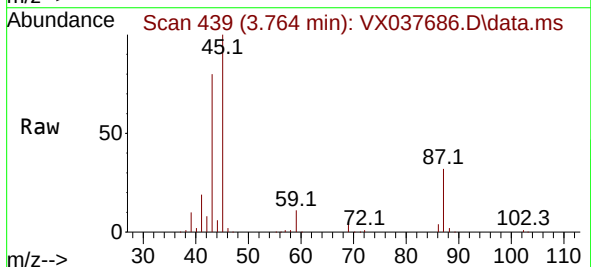
Manual Integrations
APPROVED

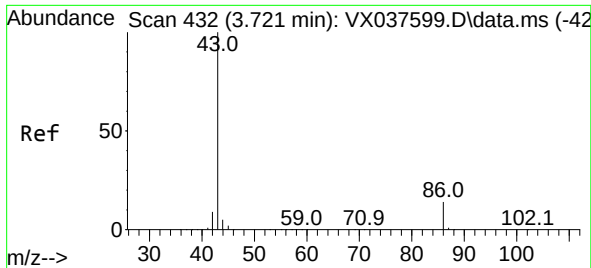
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#22
Diisopropyl ether
Concen: 18.622 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

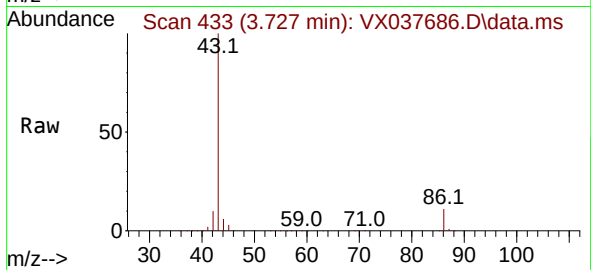
Tgt Ion: 45 Resp: 149956
Ion Ratio Lower Upper
45 100
43 79.7 69.7 104.5
87 32.3 20.8 31.2#
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 94.233 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX037686.D
 Acq: 13 Sep 2023 11:36

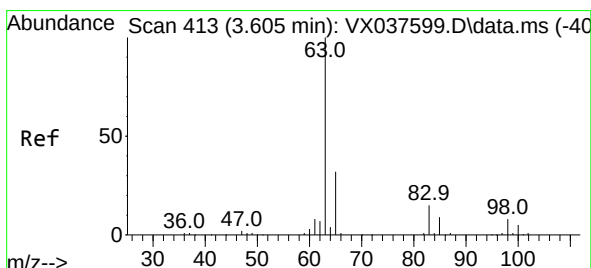
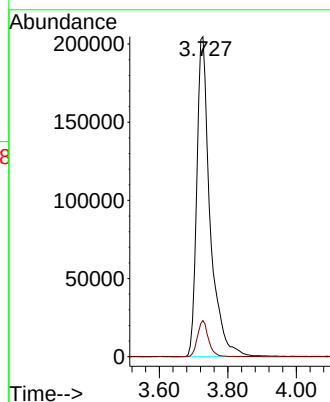
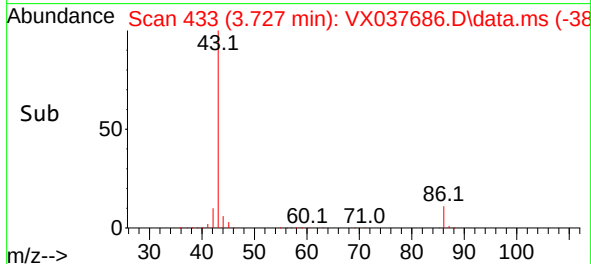
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01



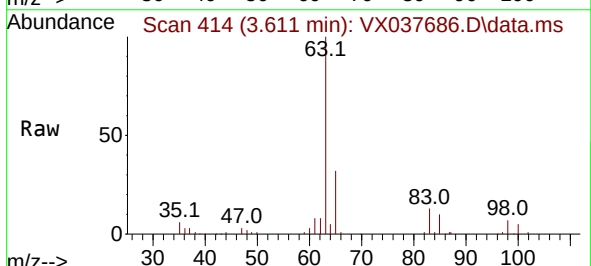
Tgt Ion: 43 Resp: 55348
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

Manual Integrations
 APPROVED

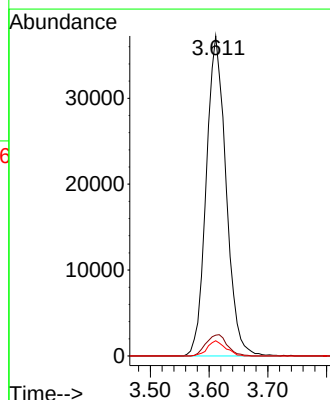
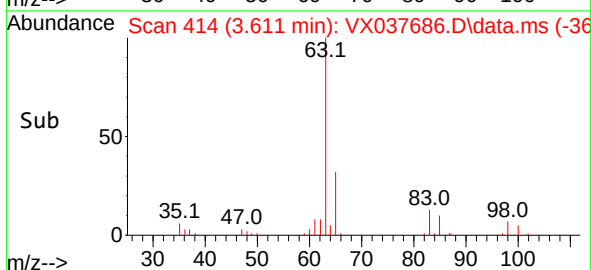
Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/14/2023

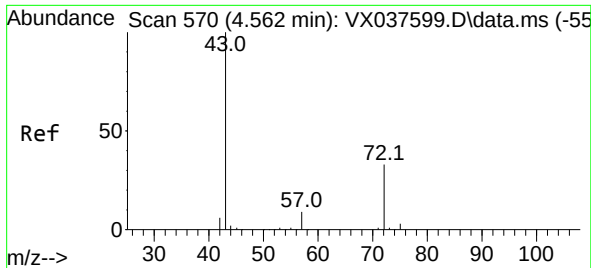


#24
 1,1-Dichloroethane
 Concen: 18.618 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037686.D
 Acq: 13 Sep 2023 11:36



Tgt Ion: 63 Resp: 87365
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.8 2.1 6.5





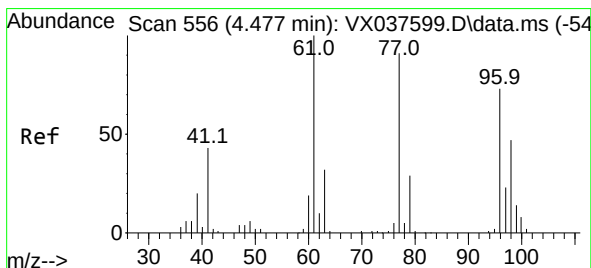
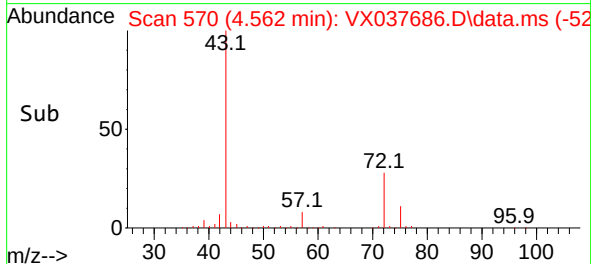
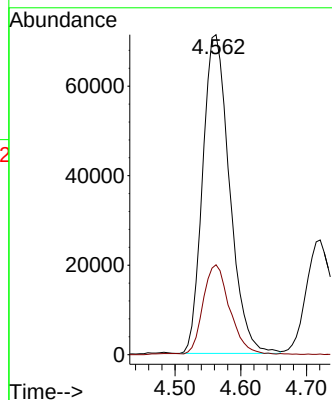
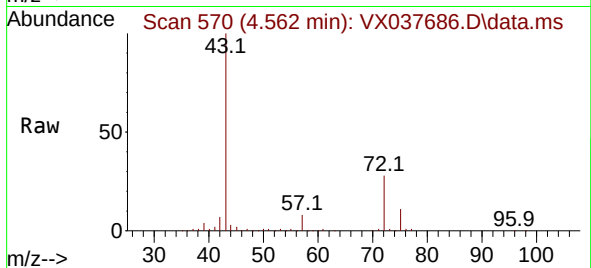
#25
2-Butanone
Concen: 92.632 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Tgt Ion: 43 Resp: 20261
Ion Ratio Lower Upper
43 100
72 27.9 19.4 29.2

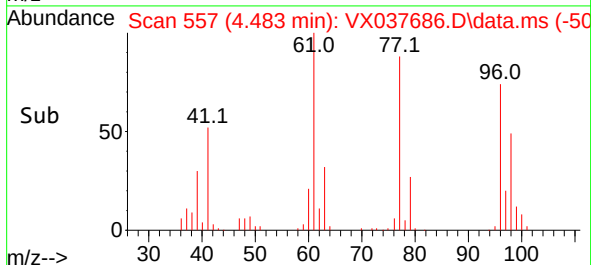
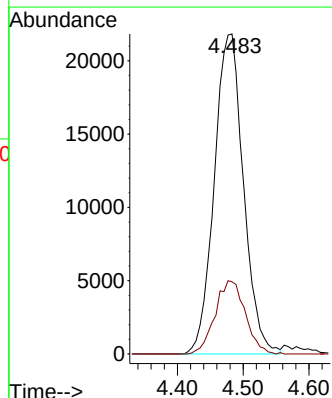
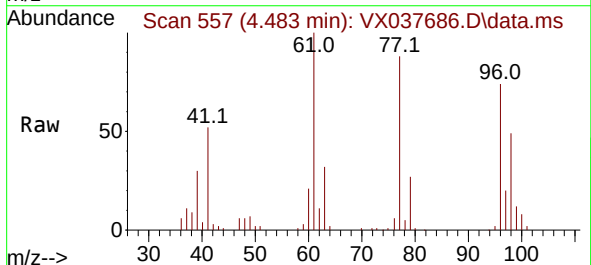
Manual Integrations
APPROVED

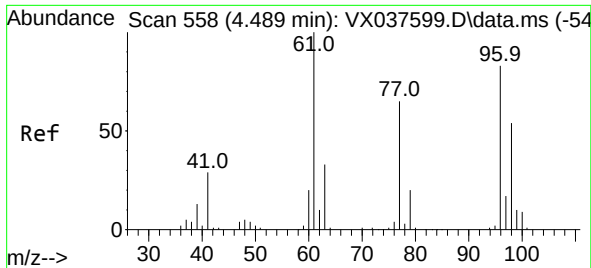
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#26
2,2-Dichloropropane
Concen: 20.645 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion: 77 Resp: 67388
Ion Ratio Lower Upper
77 100
97 23.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.091 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

Tgt Ion: 96 Resp: 56514

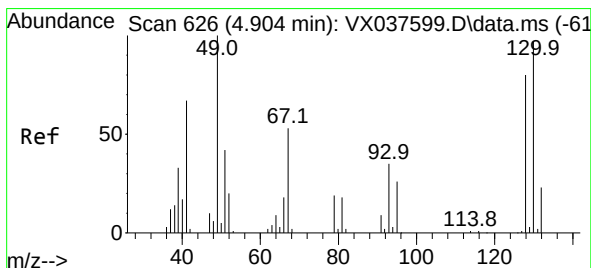
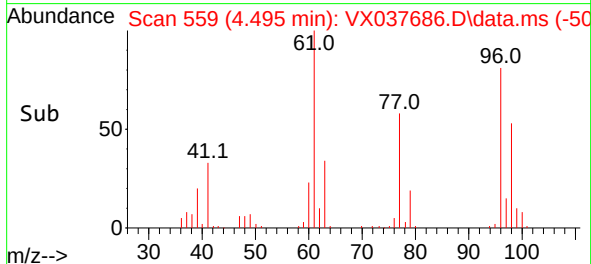
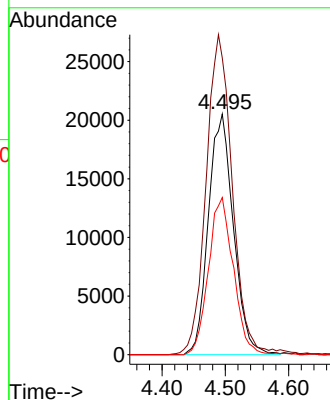
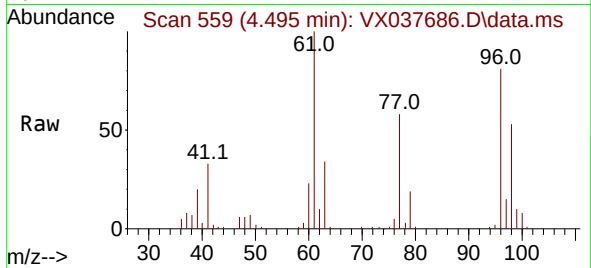
Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	312.2
98	64.7	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#28

Bromochloromethane

Concen: 17.843 ug/l

RT: 4.904 min Scan# 626

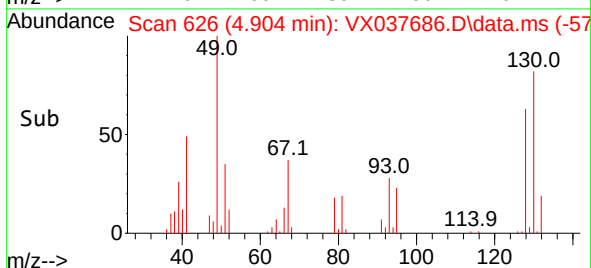
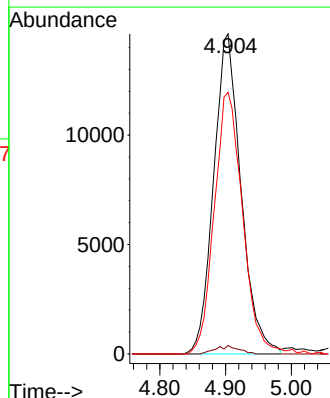
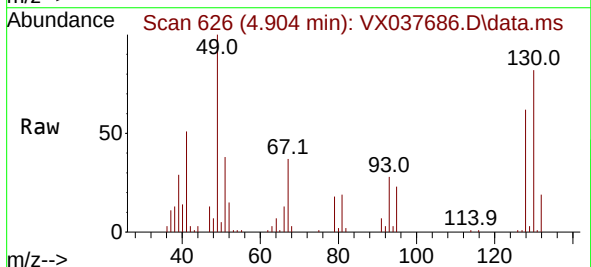
Delta R.T. 0.000 min

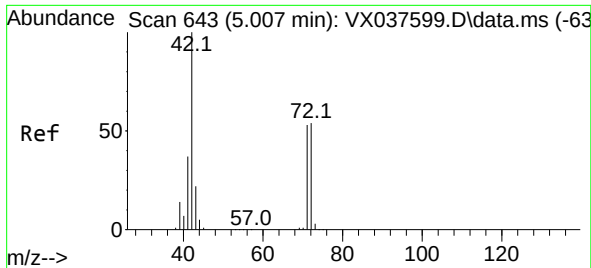
Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Tgt Ion: 49 Resp: 42300

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	85.0	57.5	86.3





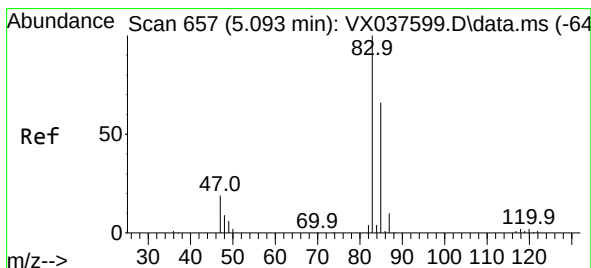
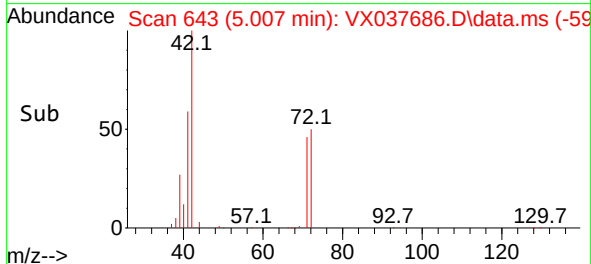
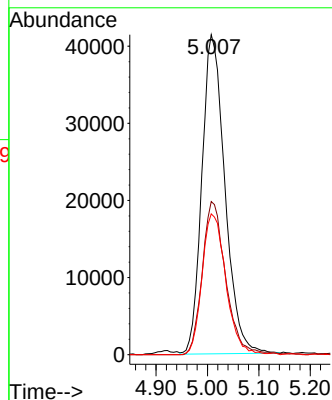
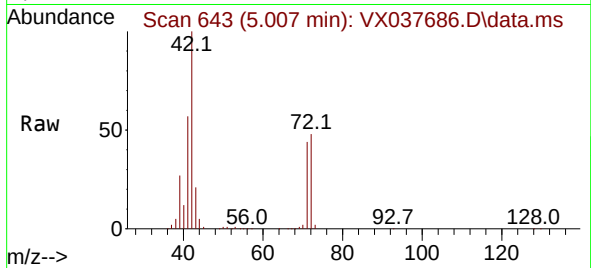
#29
Tetrahydrofuran
Concen: 92.510 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Tgt Ion: 42 Resp: 12885
Ion Ratio Lower Upper
42 100
72 49.0 34.2 51.4
71 45.5 32.2 48.2

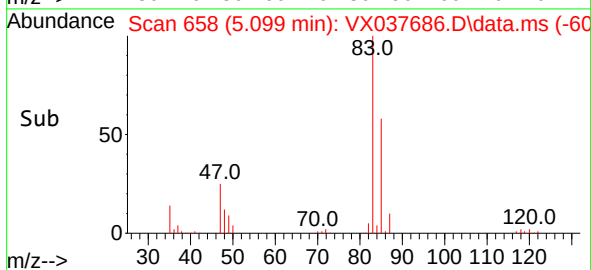
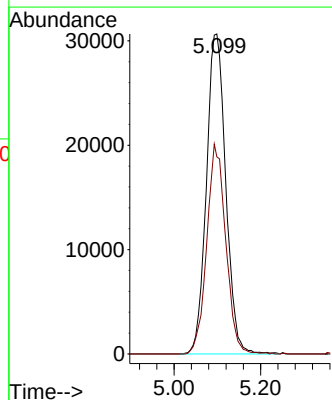
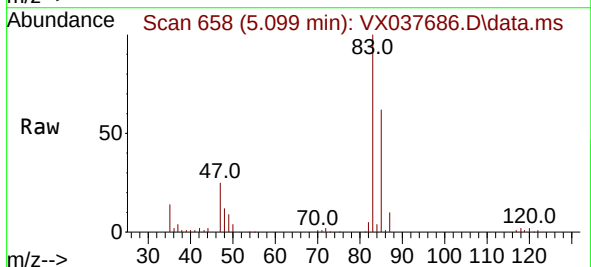
Manual Integrations
APPROVED

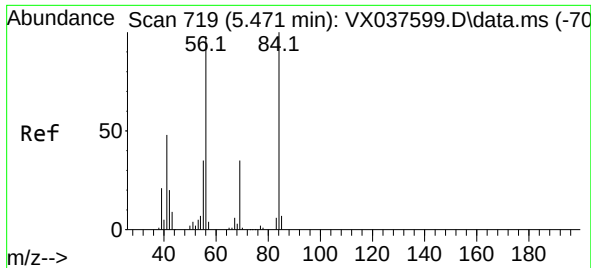
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#30
Chloroform
Concen: 18.803 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

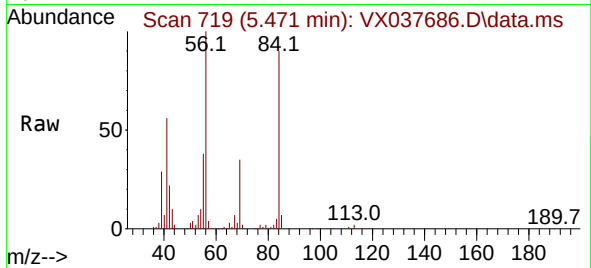
Tgt Ion: 83 Resp: 95287
Ion Ratio Lower Upper
83 100
85 61.6 50.3 75.5





#31
Cyclohexane
Concen: 18.336 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

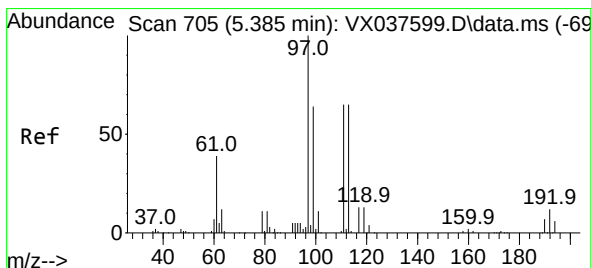
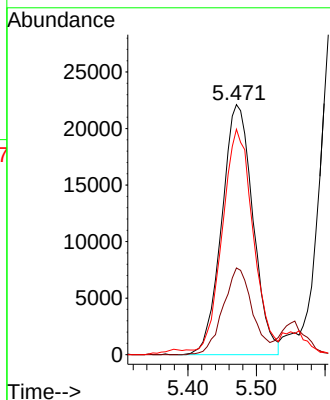
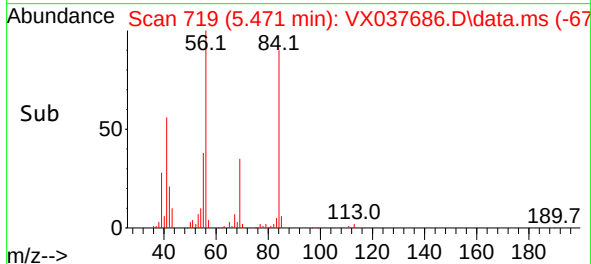
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion: 56 Resp: 70059
Ion Ratio Lower Upper
56 100
69 34.7 23.4 35.2
84 88.2 65.9 98.9

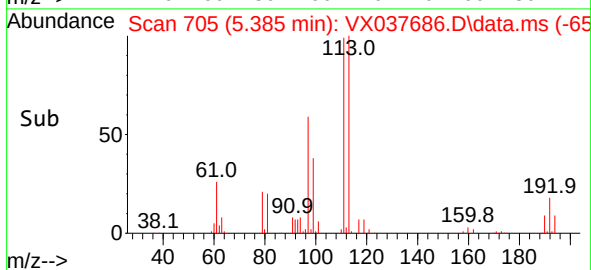
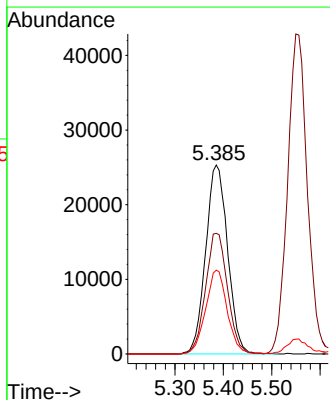
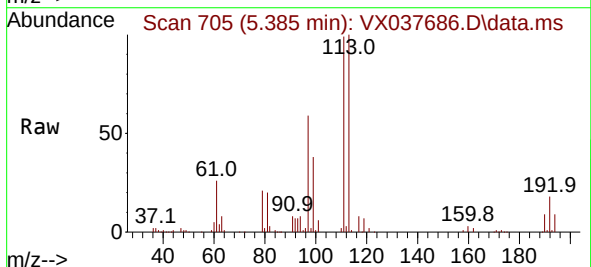
Manual Integrations
APPROVED

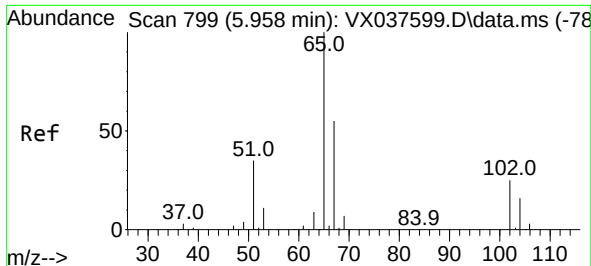
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#32
1,1,1-Trichloroethane
Concen: 18.933 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion: 97 Resp: 79854
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 43.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.810 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

Tgt Ion: 65 Resp: 15532

Ion Ratio Lower Upper

65 100

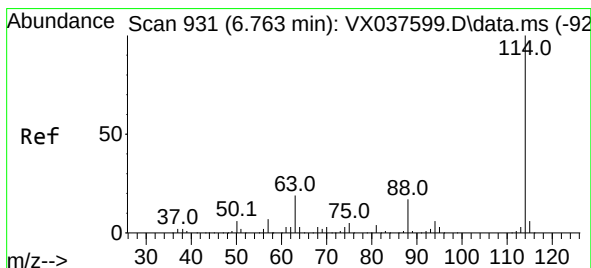
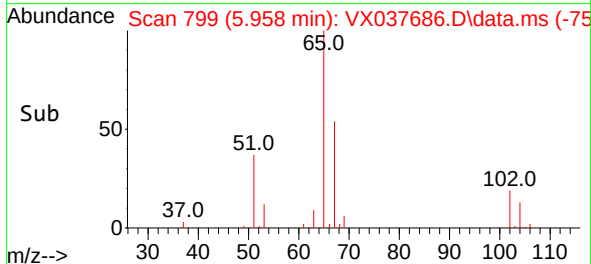
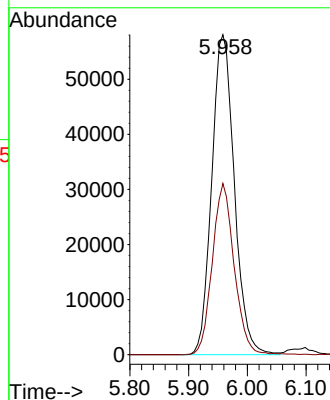
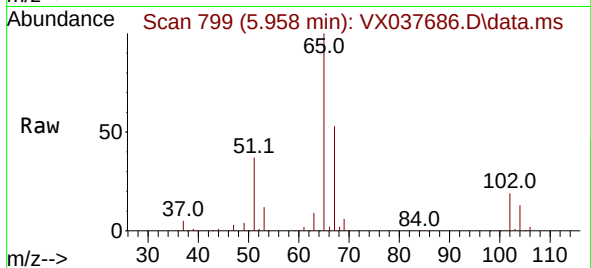
67 51.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

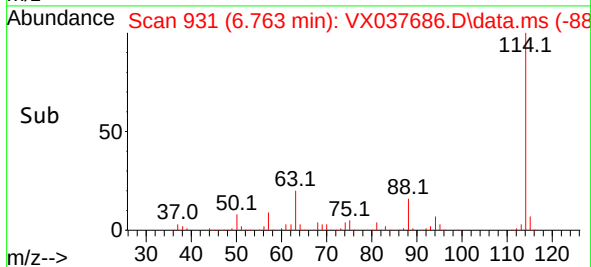
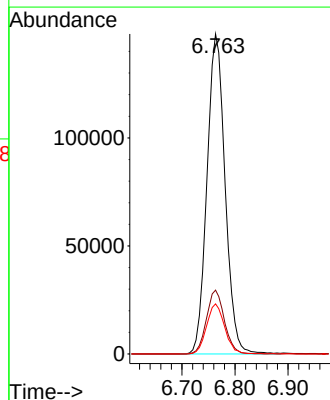
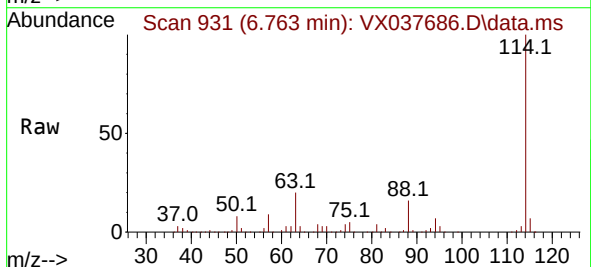
Tgt Ion:114 Resp: 351519

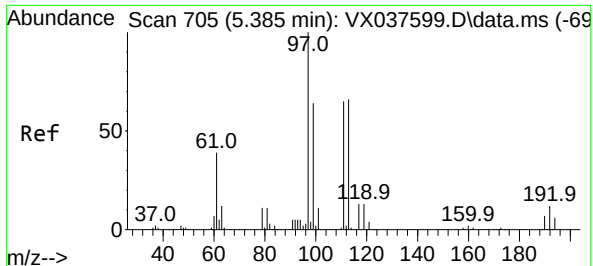
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.003 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

Tgt Ion:113 Resp: 12458

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

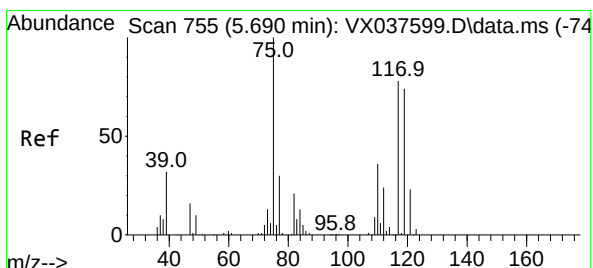
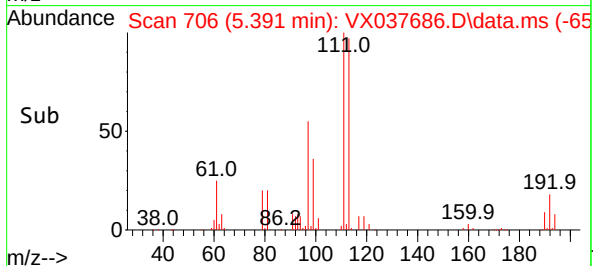
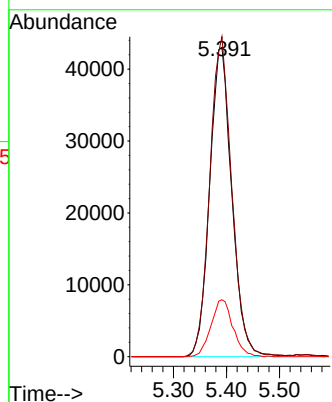
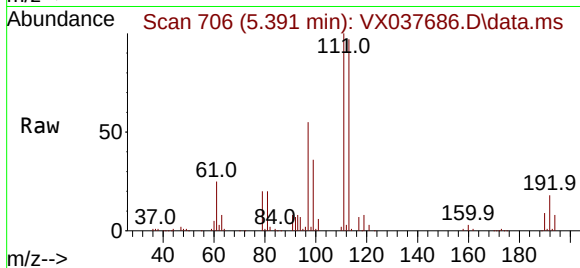
192 18.3 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#36

1,1-Dichloropropene

Concen: 18.710 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

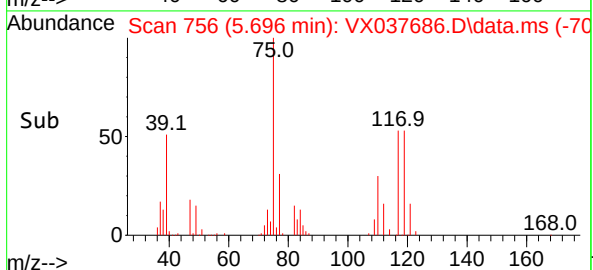
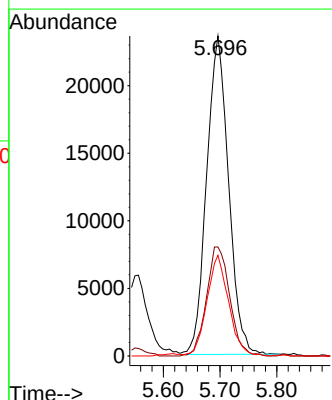
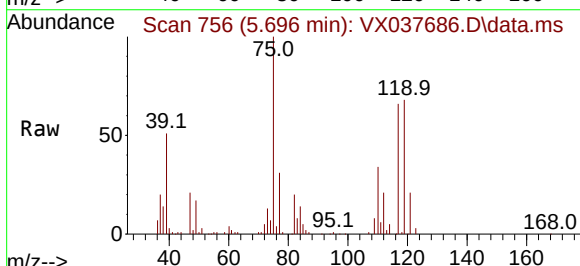
Tgt Ion: 75 Resp: 63419

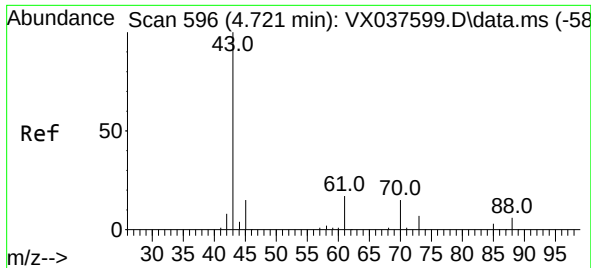
Ion Ratio Lower Upper

75 100

110 36.4 17.0 50.9

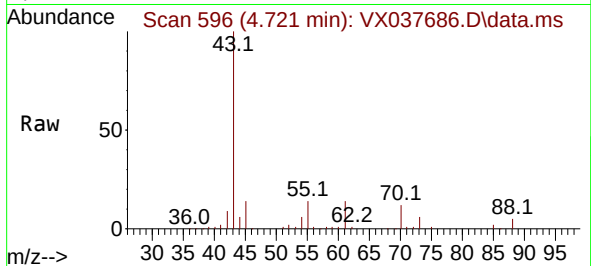
77 31.4 24.7 37.1





#37
Ethyl Acetate
Concen: 18.957 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

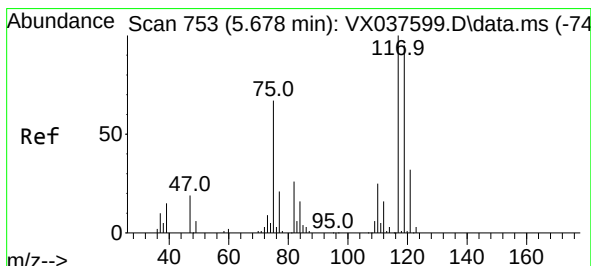
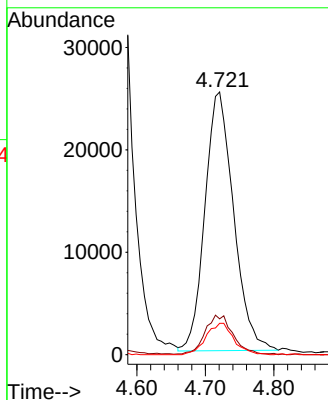
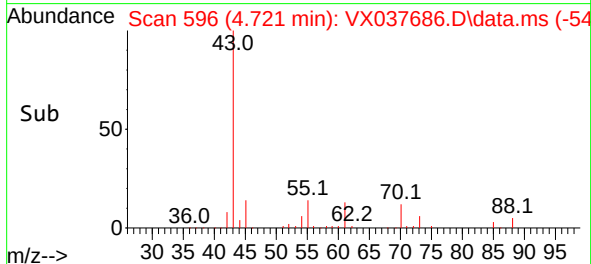
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion: 43 Resp: 7352
Ion Ratio Lower Upper
43 100
61 15.0 10.6 16.0
70 11.7 8.3 12.5

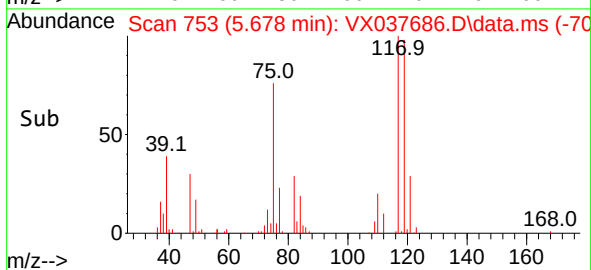
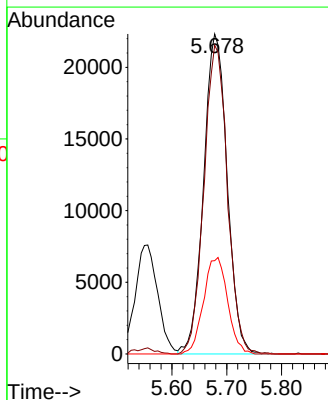
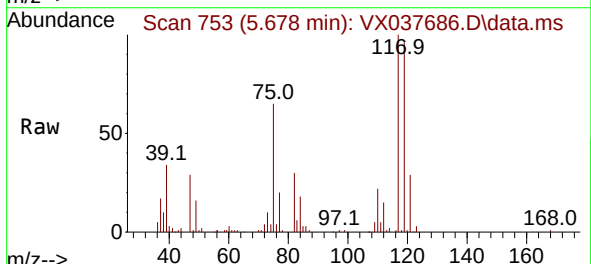
Manual Integrations
APPROVED

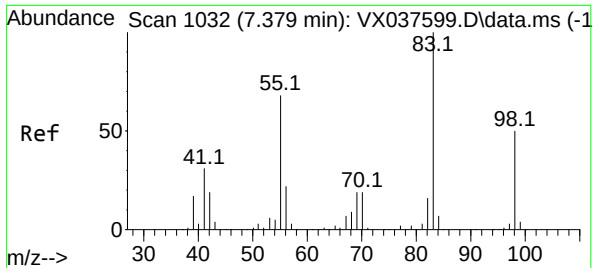
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#38
Carbon Tetrachloride
Concen: 19.251 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

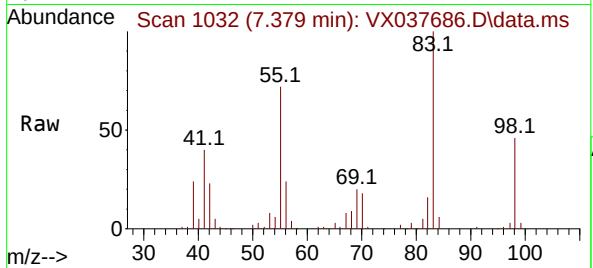
Tgt Ion:117 Resp: 66660
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.2
121 29.2 24.4 36.6





#39
Methylcyclohexane
Concen: 19.497 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

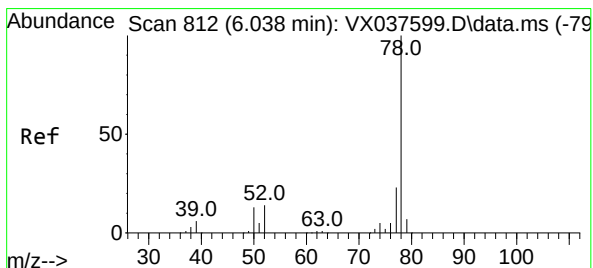
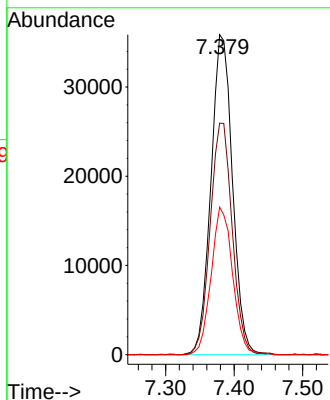
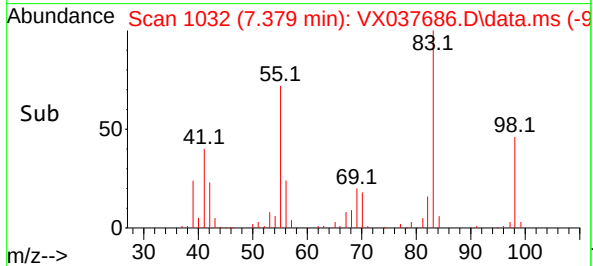
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion: 83 Resp: 78199
Ion Ratio Lower Upper
83 100
55 72.4 64.6 97.0
98 46.1 36.7 55.1

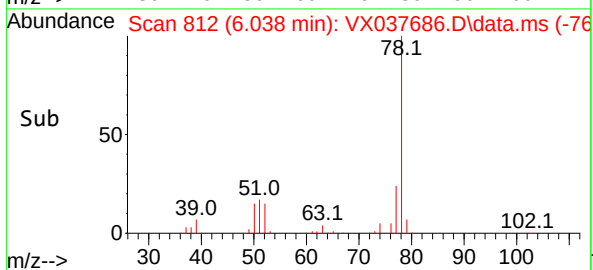
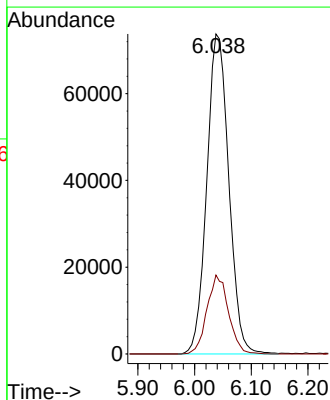
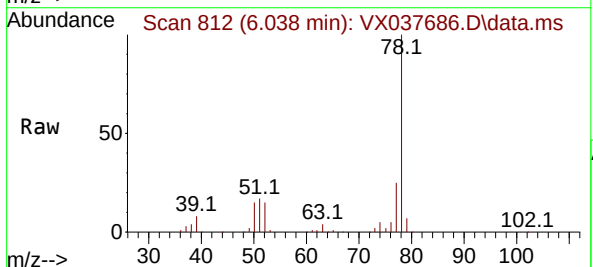
Manual Integrations
APPROVED

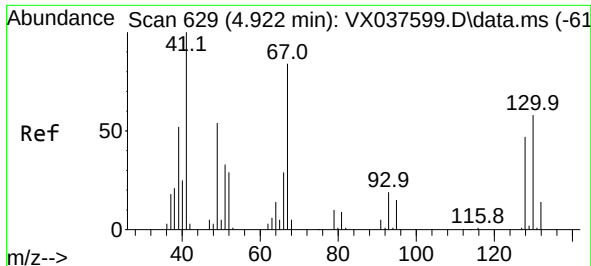
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#40
Benzene
Concen: 19.351 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

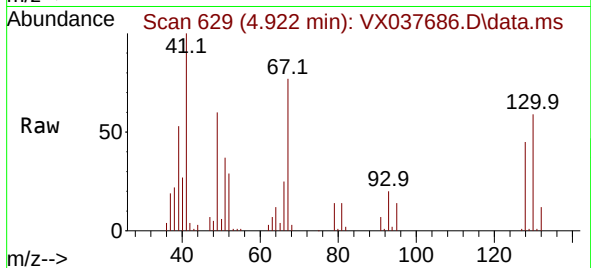
Tgt Ion: 78 Resp: 198845
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9





#41
Methacrylonitrile
Concen: 19.412 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

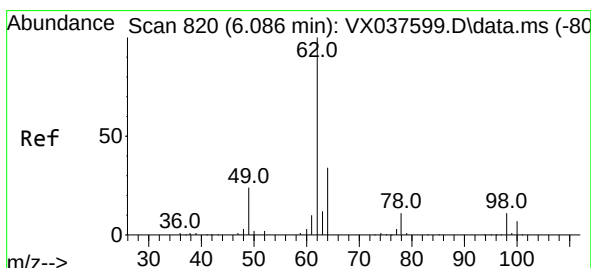
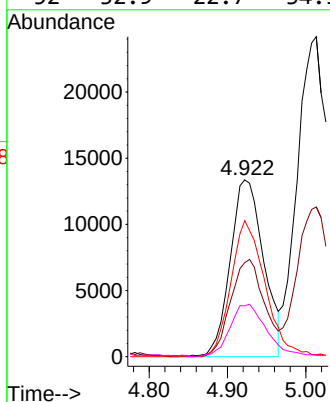
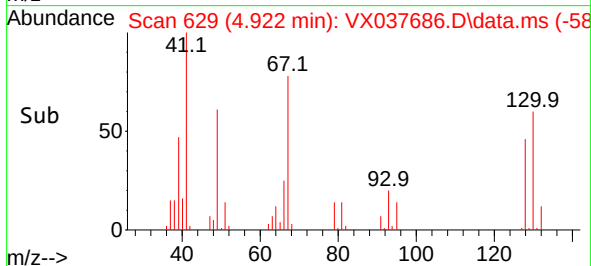
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion: 41 Resp: 3965
Ion Ratio Lower Upper
41 100
39 55.4 45.2 67.8
67 78.8 52.6 78.8
52 32.9 22.7 34.1

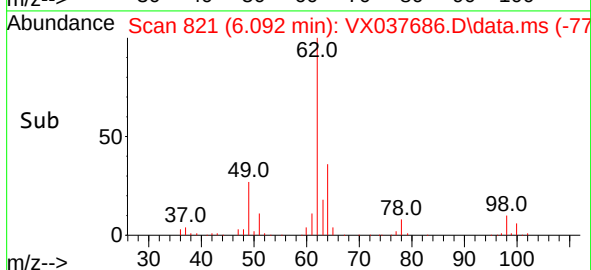
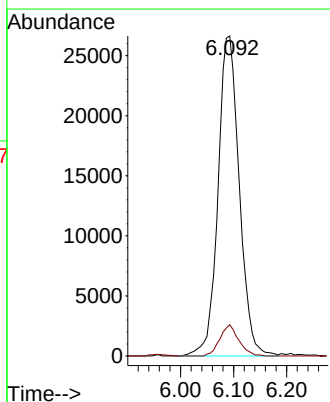
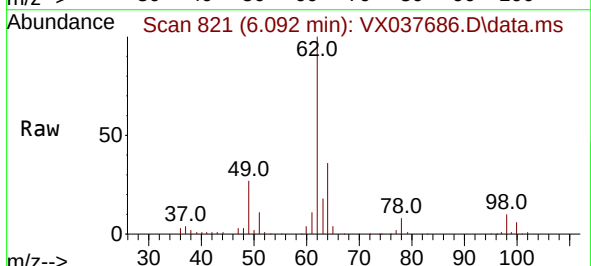
Manual Integrations
APPROVED

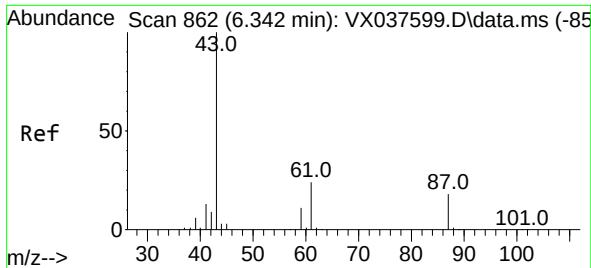
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#42
1,2-Dichloroethane
Concen: 18.511 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion: 62 Resp: 74342
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 19.246 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

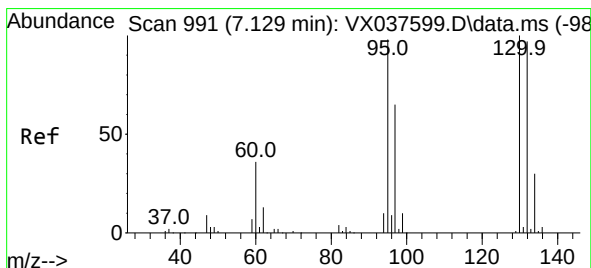
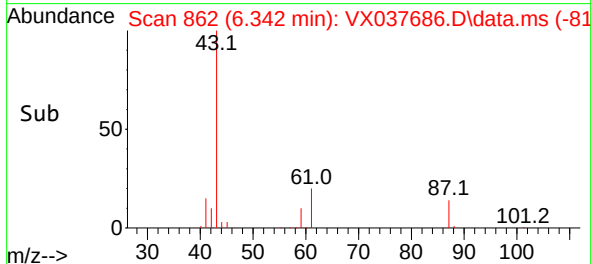
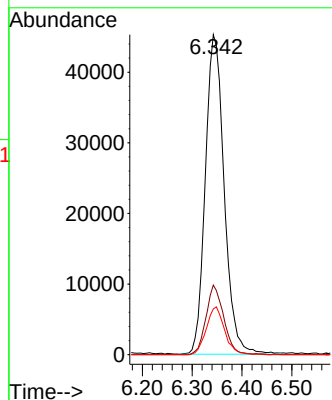
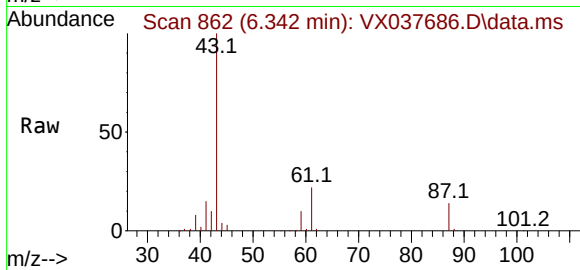
Tgt Ion:	43	Resp:	119079
Ion Ratio	Lower	Upper	
43	100		
61	20.3	15.2	22.8
87	14.5	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#44

Trichloroethene

Concen: 19.684 ug/l

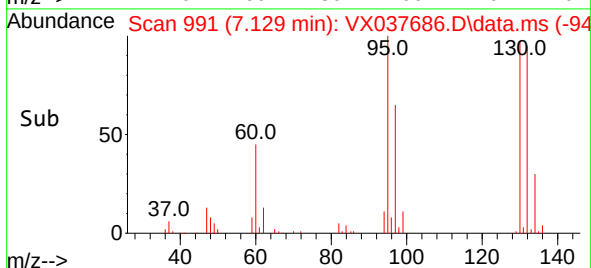
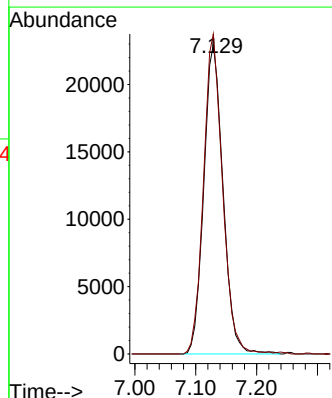
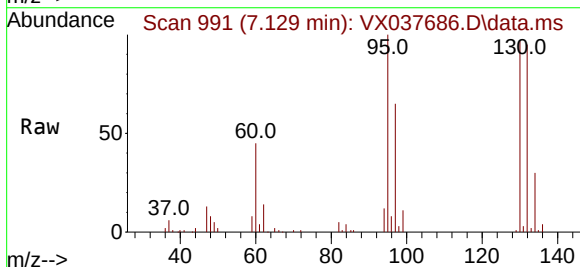
RT: 7.129 min Scan# 991

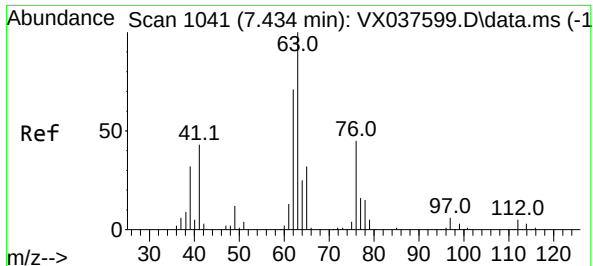
Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Tgt Ion:	130	Resp:	50534
Ion Ratio	Lower	Upper	
130	100		
95	103.5	0.0	204.4





#45

1,2-Dichloropropane

Concen: 19.374 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

Tgt Ion: 63 Resp: 52538

Ion Ratio Lower Upper

63 100

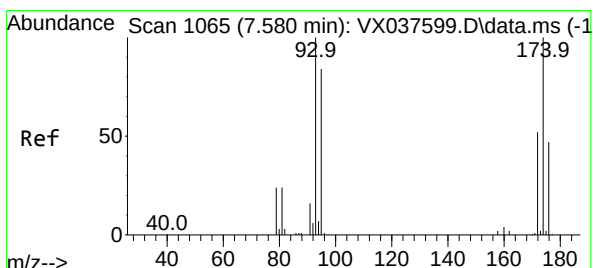
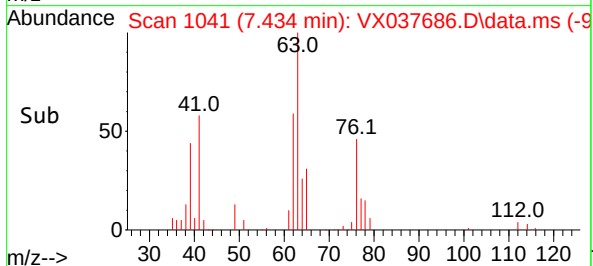
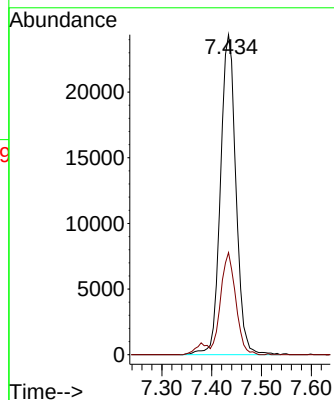
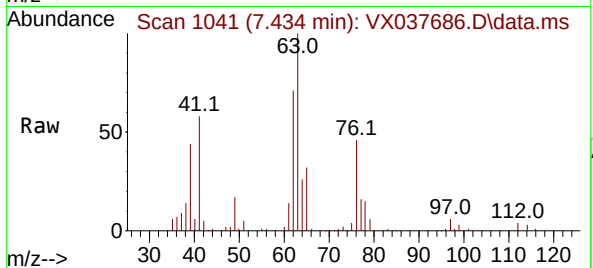
65 31.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#46

Dibromomethane

Concen: 19.257 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

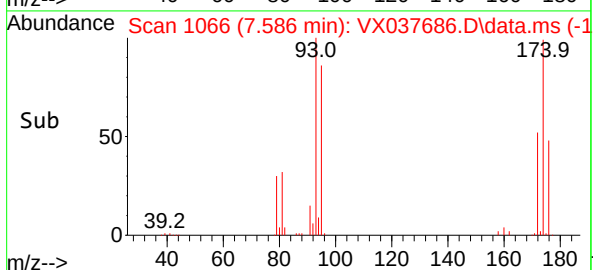
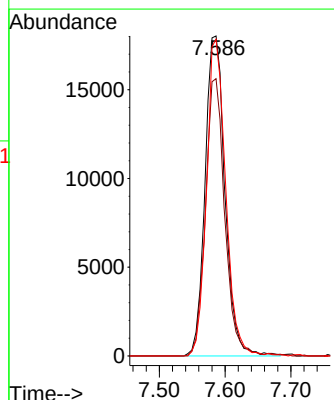
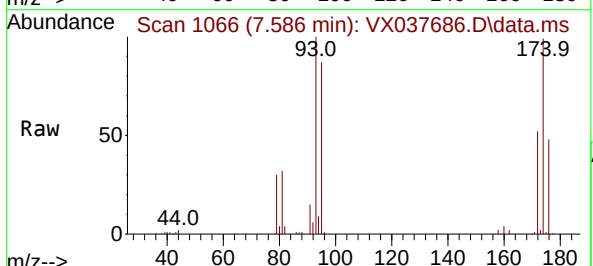
Tgt Ion: 93 Resp: 37990

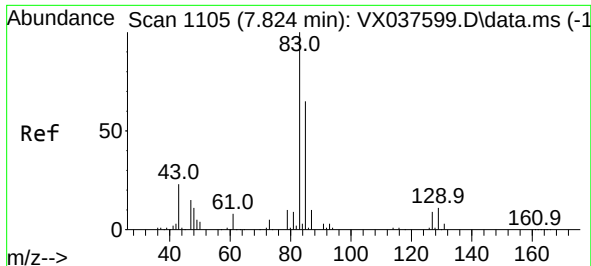
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

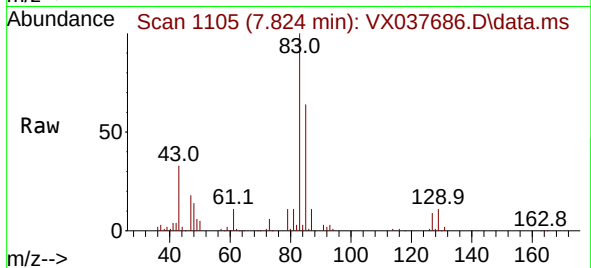
174 95.3 69.4 104.0





#47
Bromodichloromethane
Concen: 19.589 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

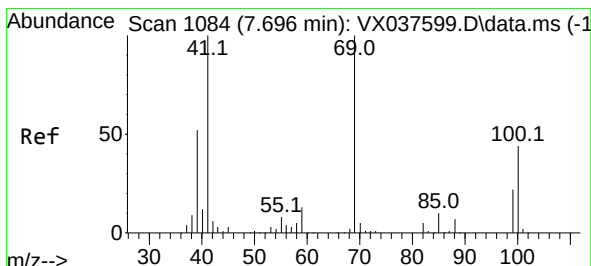
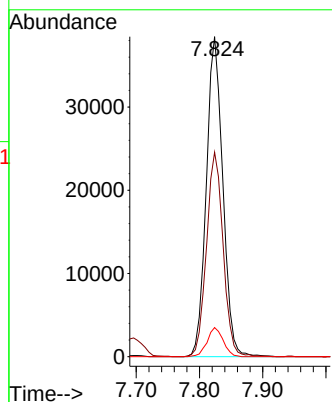
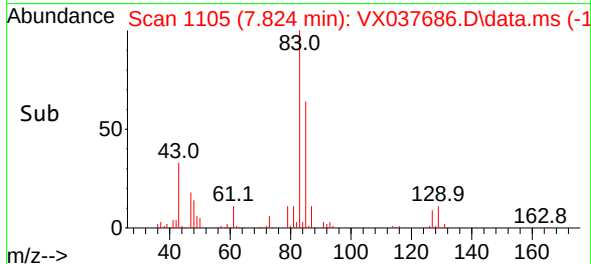
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion: 83 Resp: 6976
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 9.1 7.1 10.7

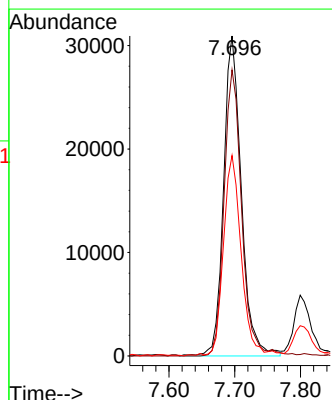
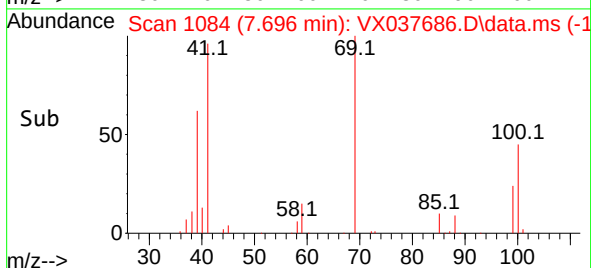
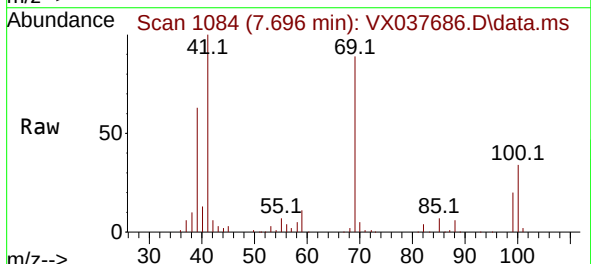
Manual Integrations
APPROVED

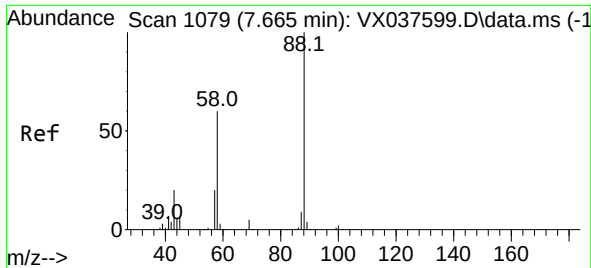
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#48
Methyl methacrylate
Concen: 19.441 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

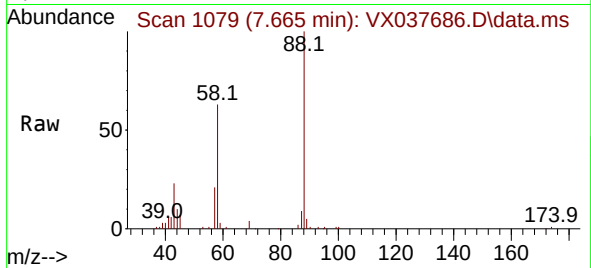
Tgt Ion: 41 Resp: 58147
Ion Ratio Lower Upper
41 100
69 88.7 59.2 88.8
39 63.4 47.7 71.5





#49
1,4-Dioxane
Concen: 431.145 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

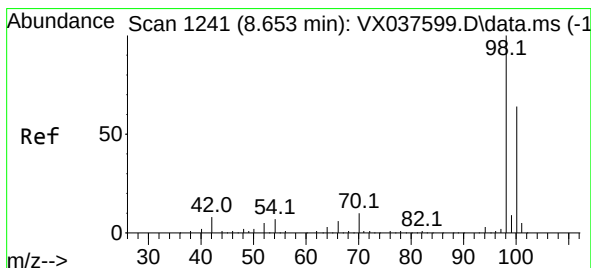
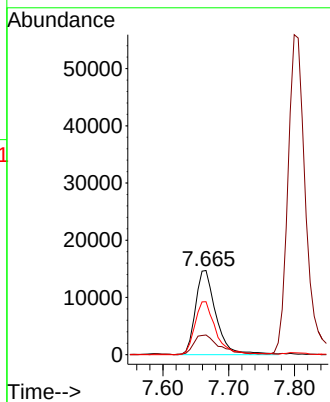
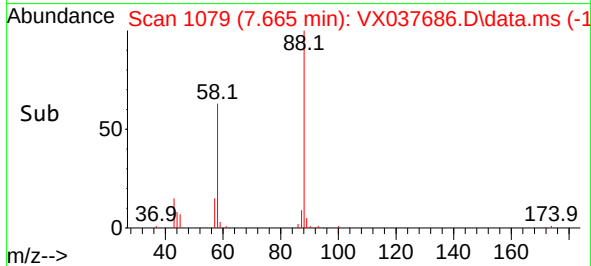
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion: 88 Resp: 31949
Ion Ratio Lower Upper
88 100
43 29.7 0.0 0.0
58 64.3 60.1 90.1

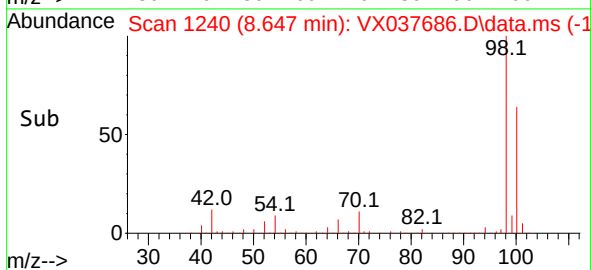
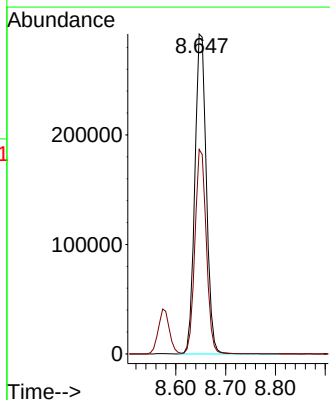
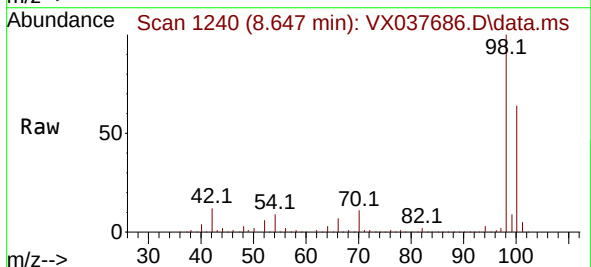
Manual Integrations
APPROVED

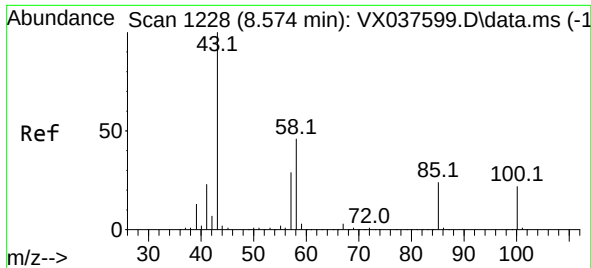
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#50
Toluene-d8
Concen: 49.842 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion: 98 Resp: 468357
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7





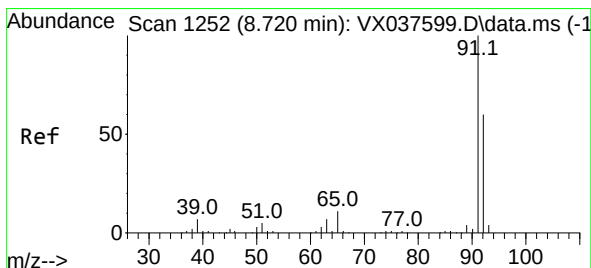
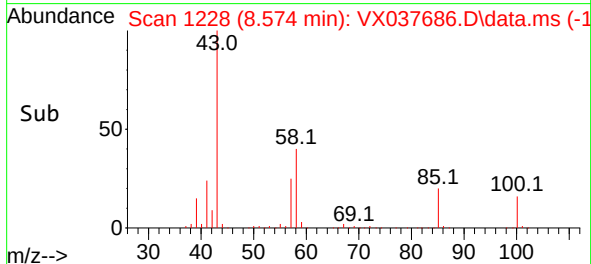
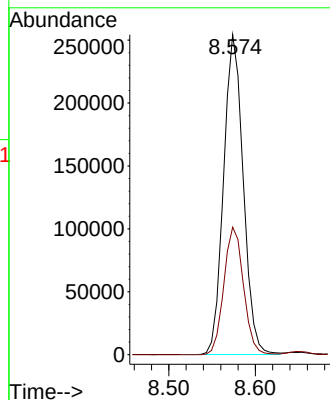
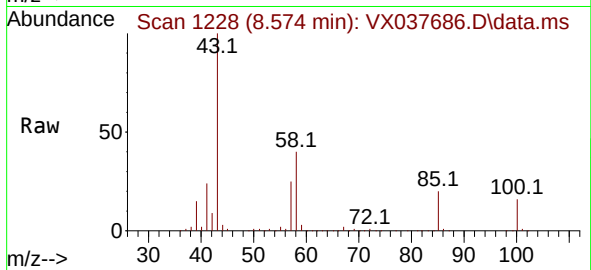
#51
4-Methyl-2-Pentanone
Concen: 98.636 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Tgt Ion: 43 Resp: 40074
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6

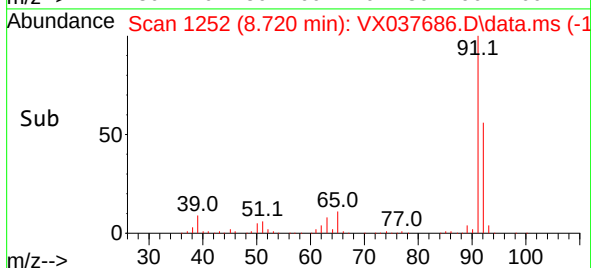
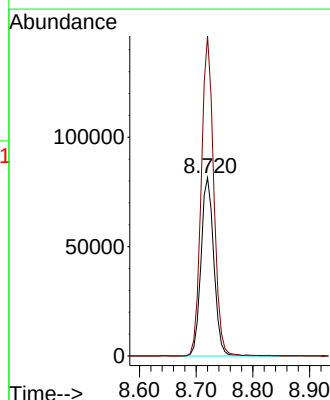
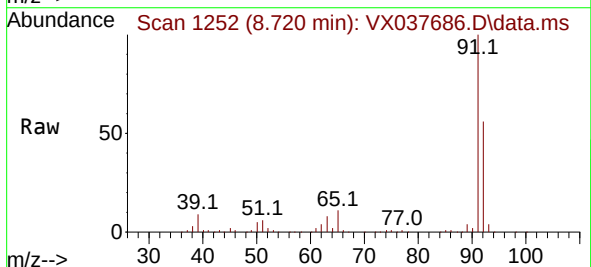
Manual Integrations
APPROVED

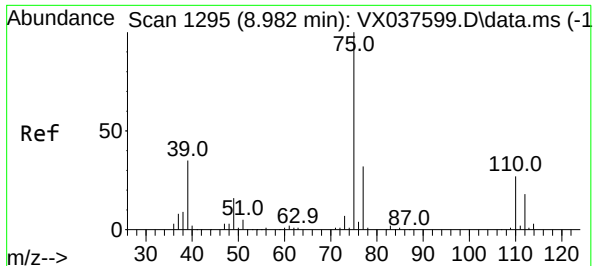
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#52
Toluene
Concen: 19.332 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion: 92 Resp: 127724
Ion Ratio Lower Upper
92 100
91 175.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.236 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

Tgt Ion: 75 Resp: 69450

Ion Ratio Lower Upper

75 100

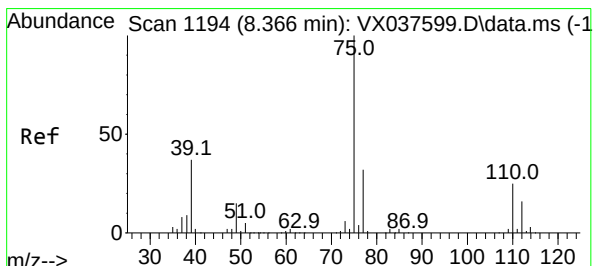
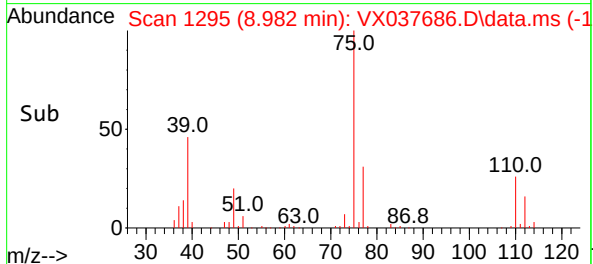
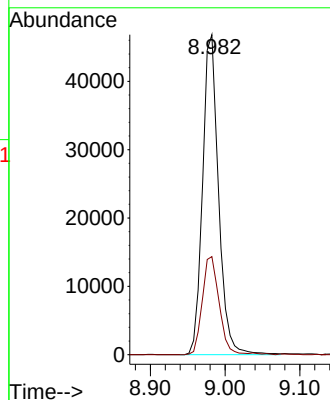
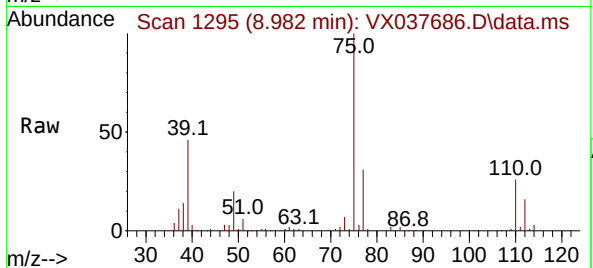
77 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#54

cis-1,3-Dichloropropene

Concen: 19.742 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

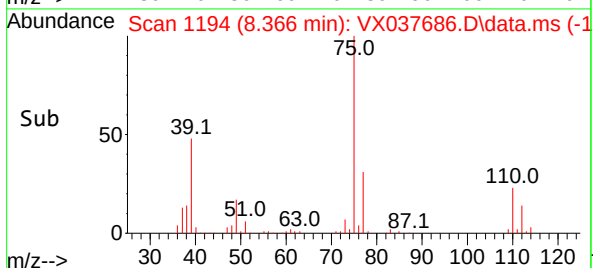
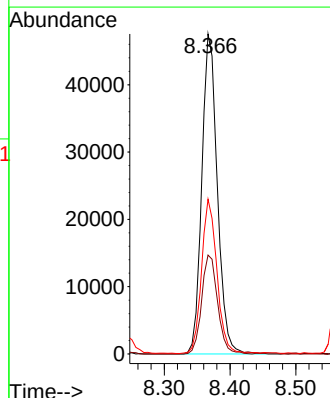
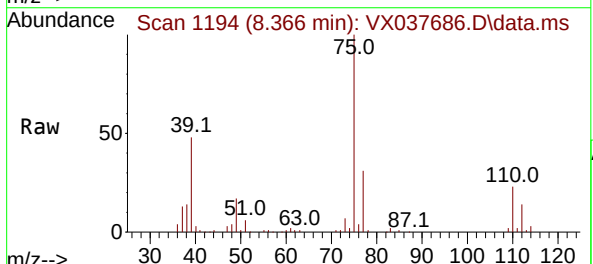
Tgt Ion: 75 Resp: 78220

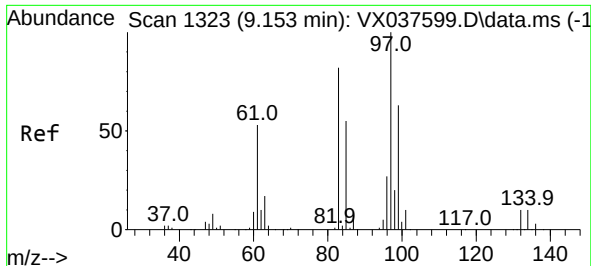
Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

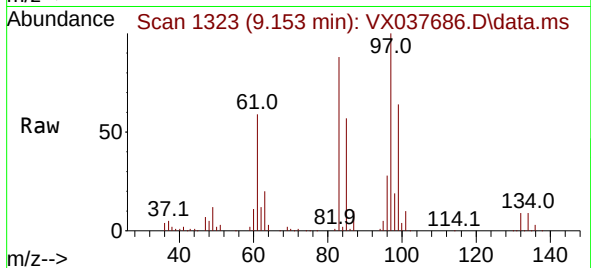
39 48.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.983 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

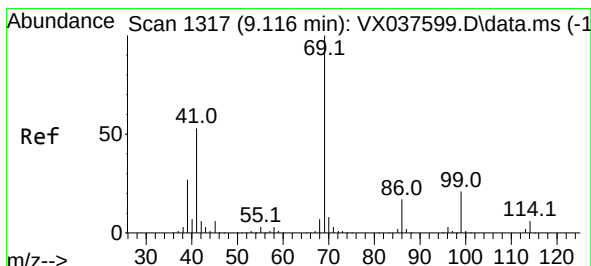
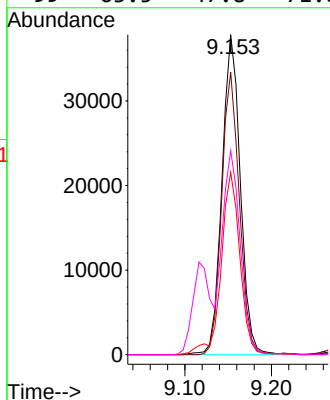
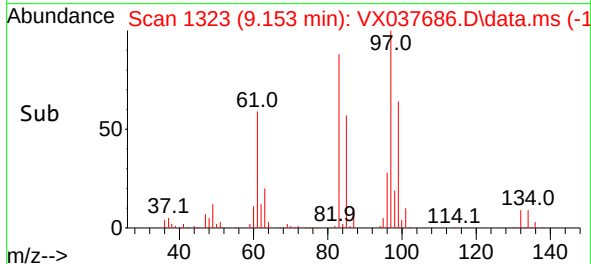
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	65.8	98.8
85	57.0	41.6	62.4
99	63.5	47.8	71.8

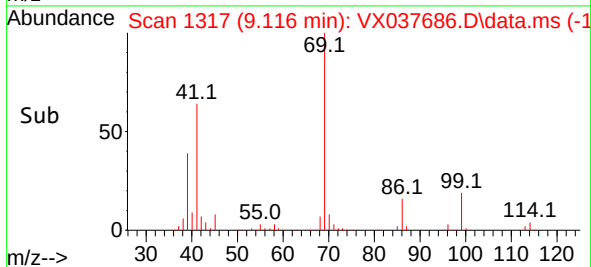
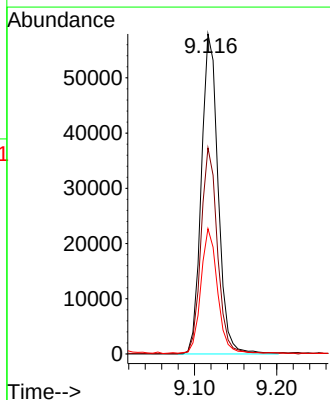
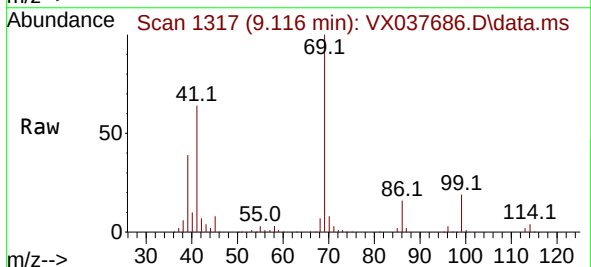
Manual Integrations
APPROVED

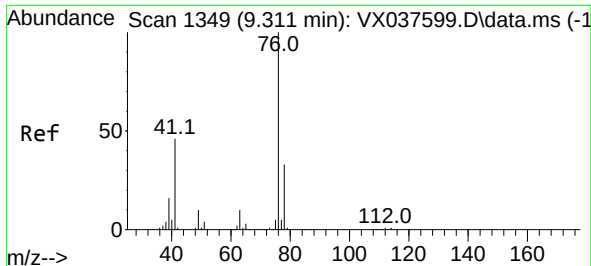
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#56
Ethyl methacrylate
Concen: 19.282 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.2	56.8	85.2
39	38.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.103 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

Tgt Ion: 76 Resp: 8914

Ion Ratio Lower Upper

76 100

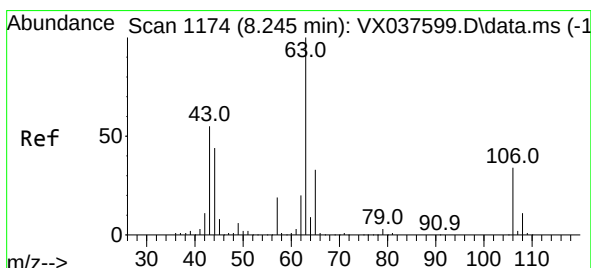
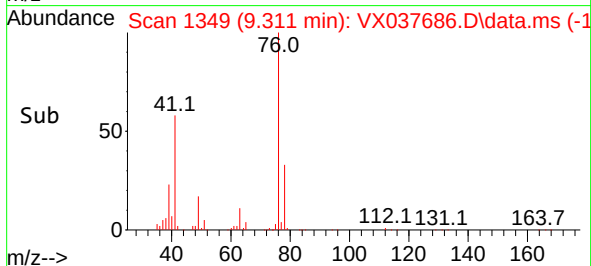
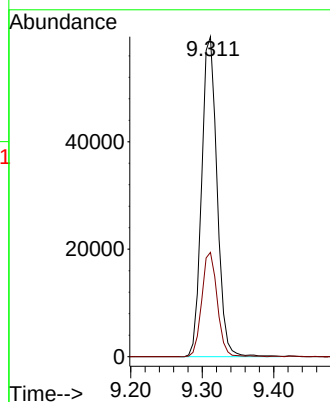
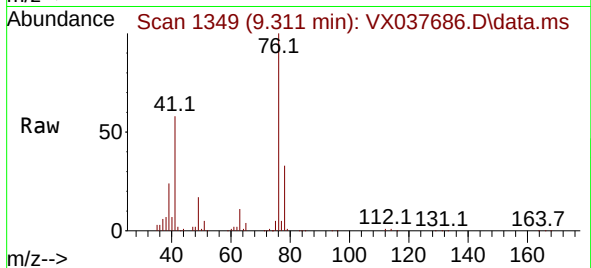
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.849 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037686.D

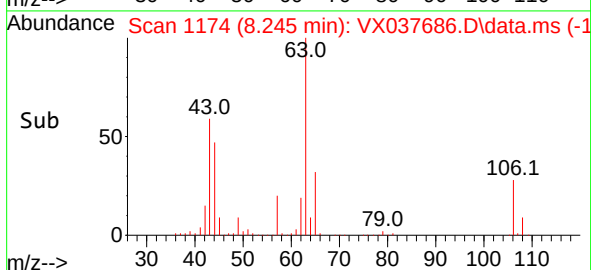
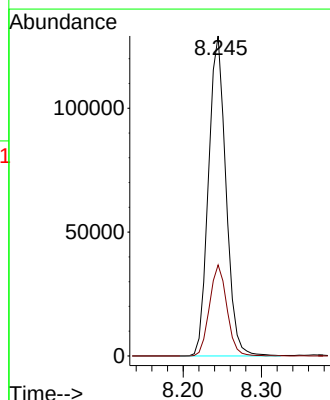
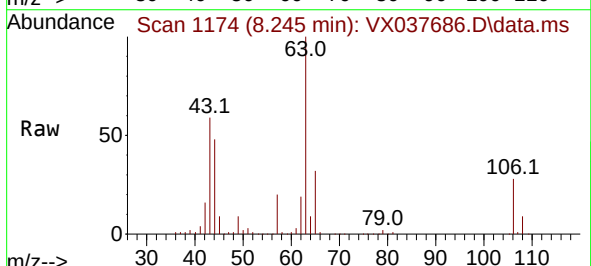
Acq: 13 Sep 2023 11:36

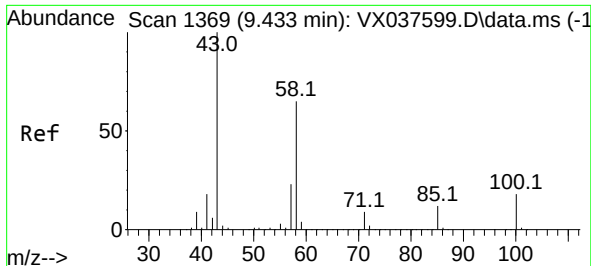
Tgt Ion: 63 Resp: 199885

Ion Ratio Lower Upper

63 100

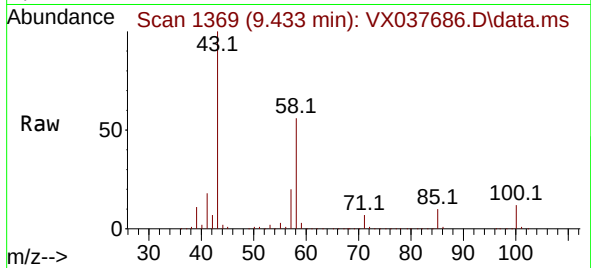
106 28.3 22.5 33.7





#59
2-Hexanone
Concen: 99.815 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

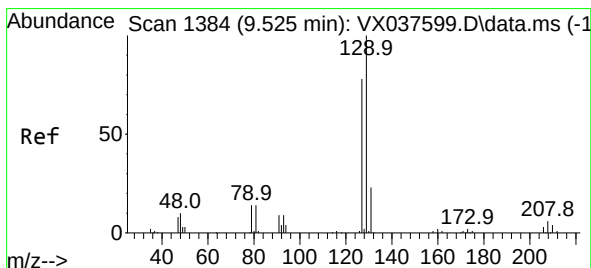
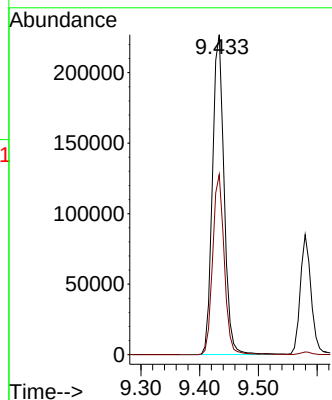
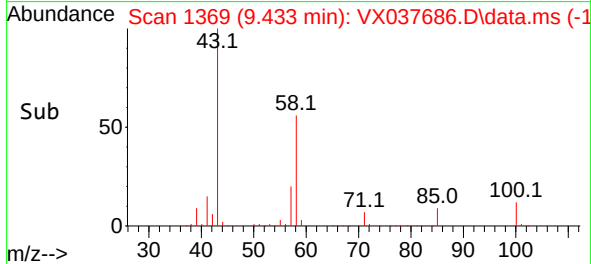
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion: 43 Resp: 313029
Ion Ratio Lower Upper
43 100
58 55.9 26.2 78.5

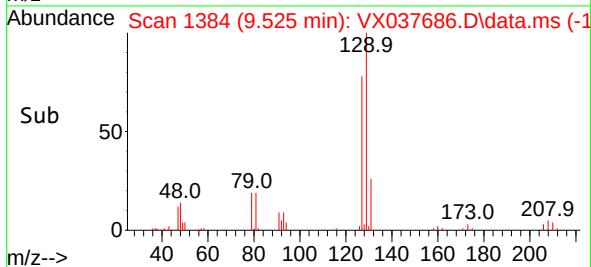
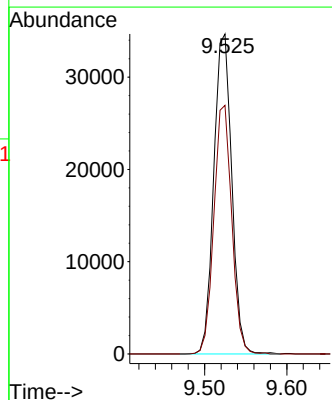
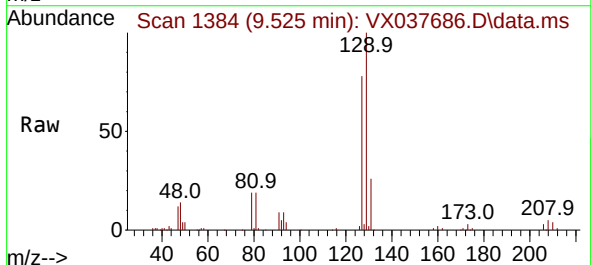
Manual Integrations
APPROVED

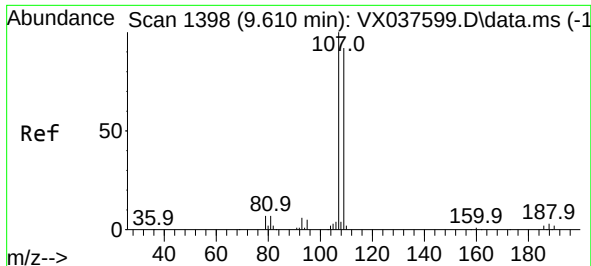
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#60
Dibromochloromethane
Concen: 19.239 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

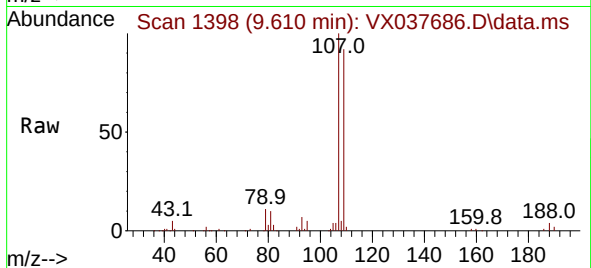
Tgt Ion:129 Resp: 52572
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.392 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

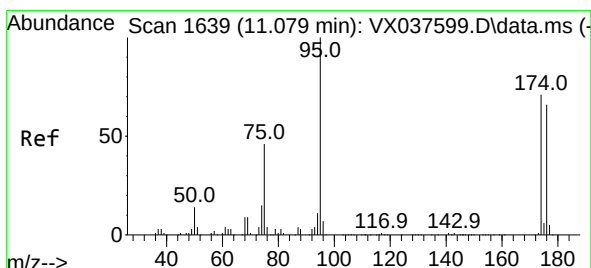
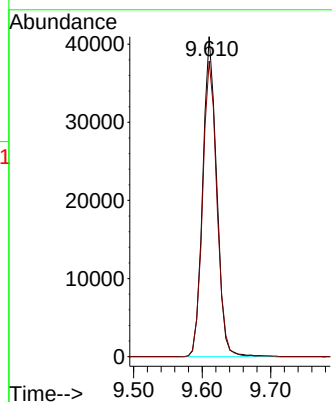
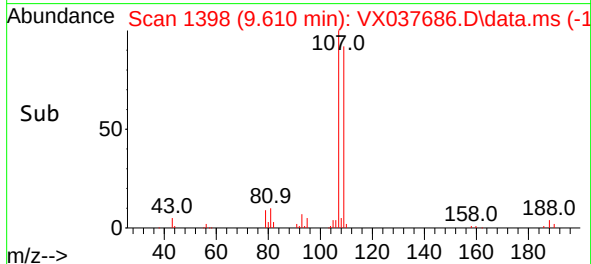
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion:107 Resp: 57990
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

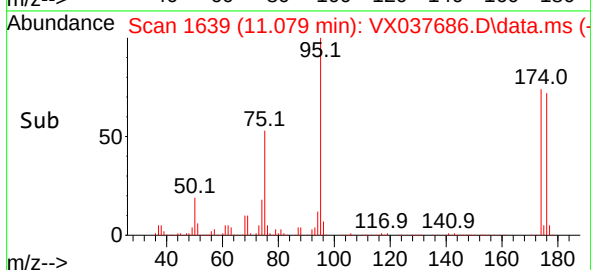
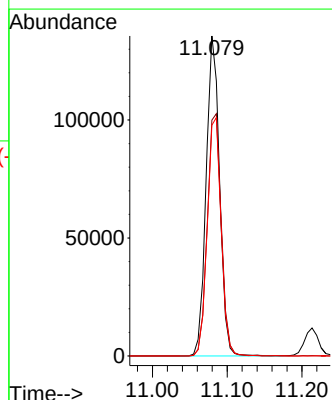
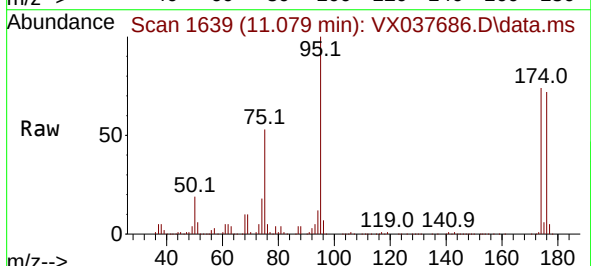
Manual Integrations
APPROVED

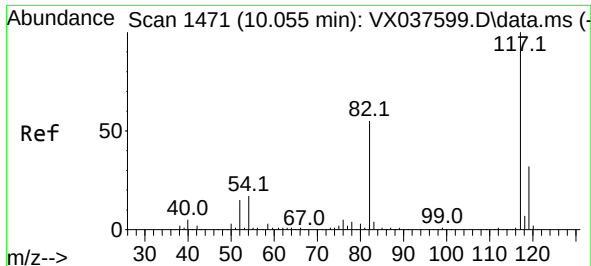
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#62
4-Bromofluorobenzene
Concen: 49.783 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

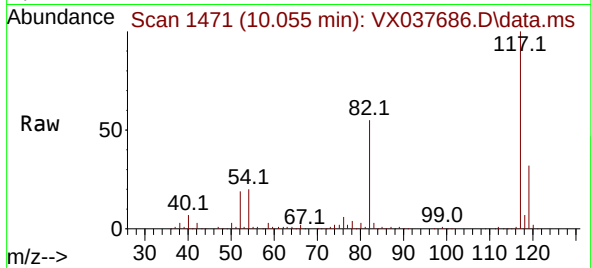
Tgt Ion: 95 Resp: 168774
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 76.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

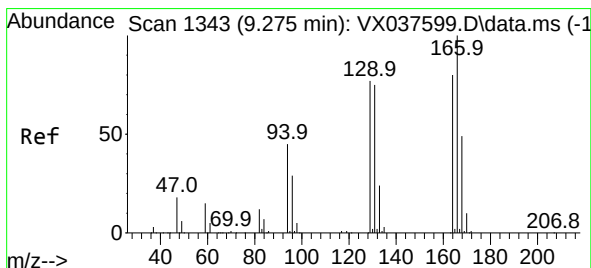
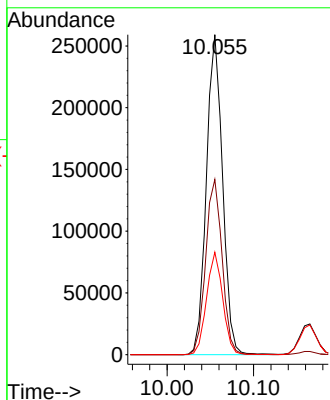
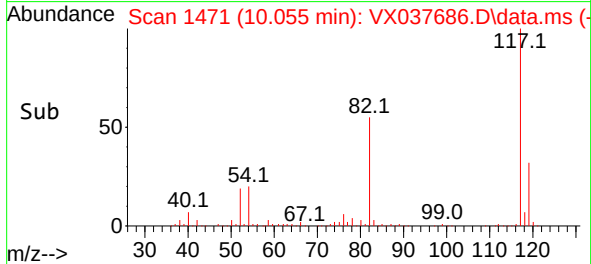
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion:117 Resp: 336430
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.0 25.5 38.3

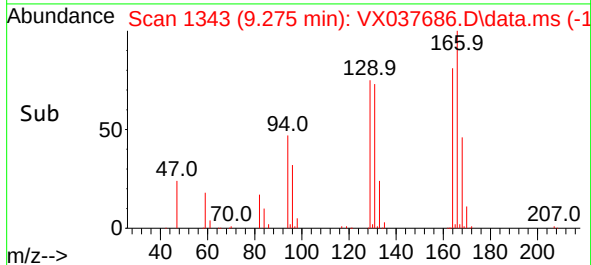
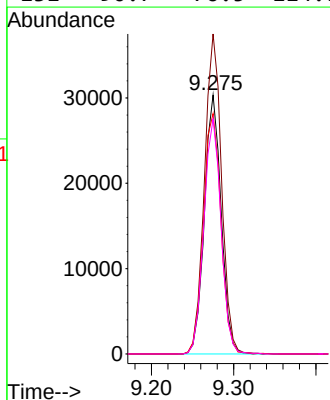
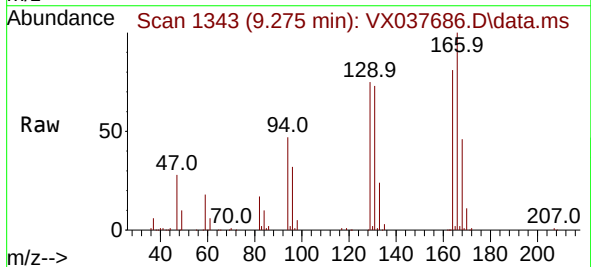
Manual Integrations
APPROVED

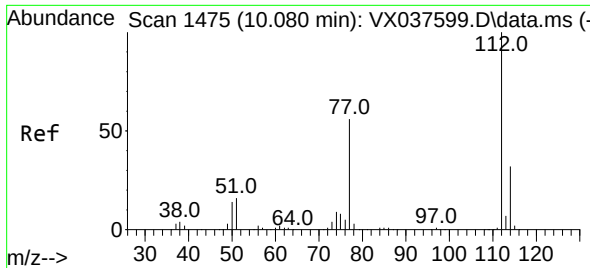
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#64
Tetrachloroethene
Concen: 19.734 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion:164 Resp: 43015
Ion Ratio Lower Upper
164 100
166 123.6 102.7 154.1
129 92.8 80.4 120.6
131 90.7 76.5 114.7





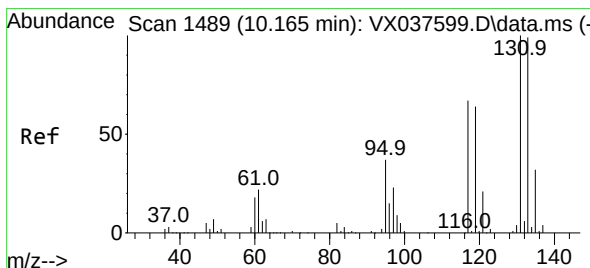
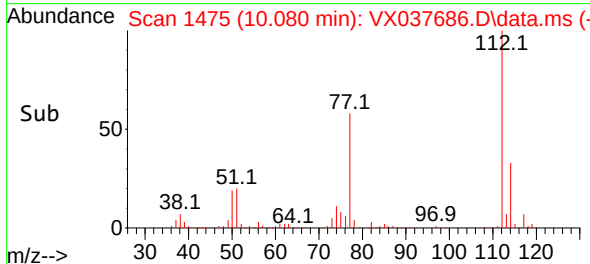
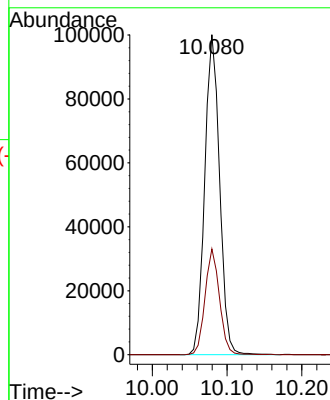
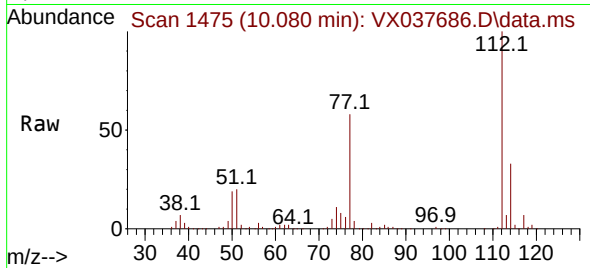
#65
Chlorobenzene
Concen: 19.247 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Tgt Ion:112 Resp: 13801
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

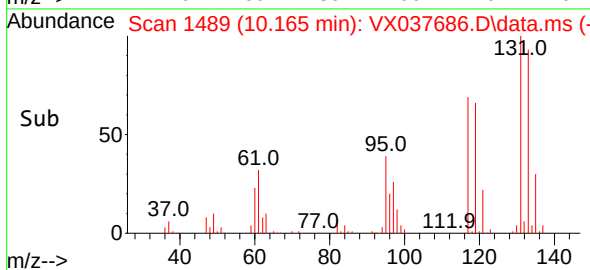
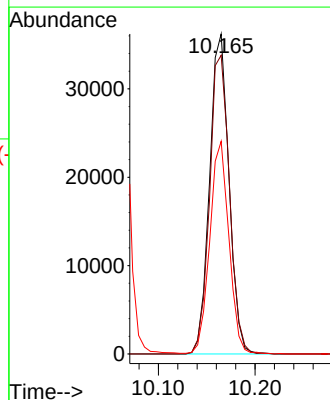
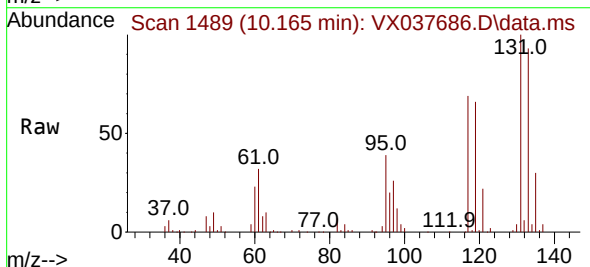
Manual Integrations
APPROVED

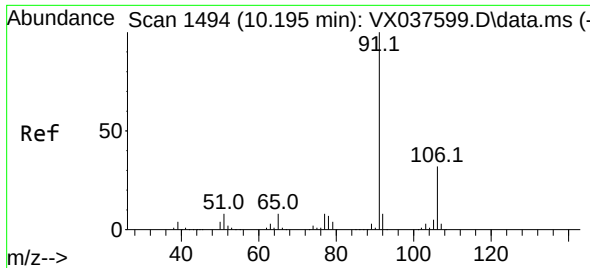
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.396 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

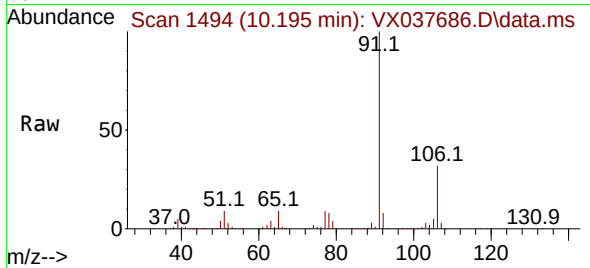
Tgt Ion:131 Resp: 50406
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 65.7 32.2 96.6





#67
Ethyl Benzene
Concen: 19.486 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

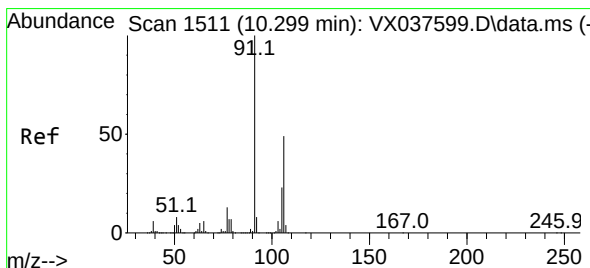
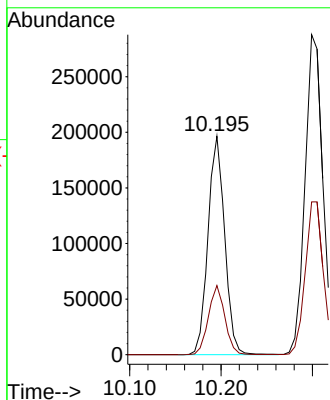
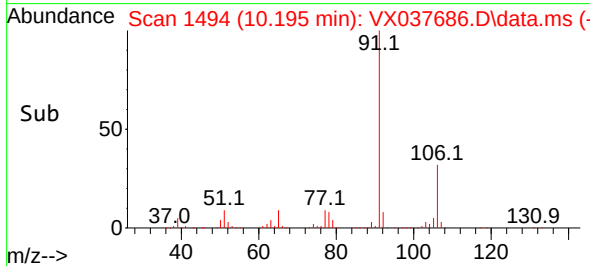
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



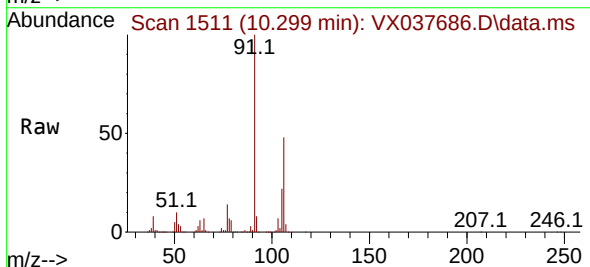
Tgt Ion: 91 Resp: 248660
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

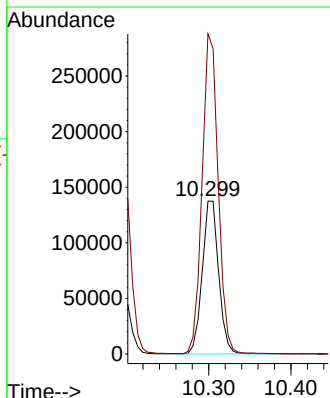
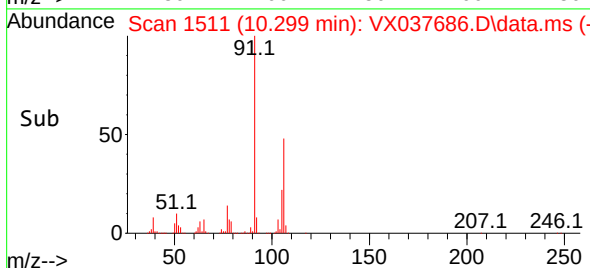
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

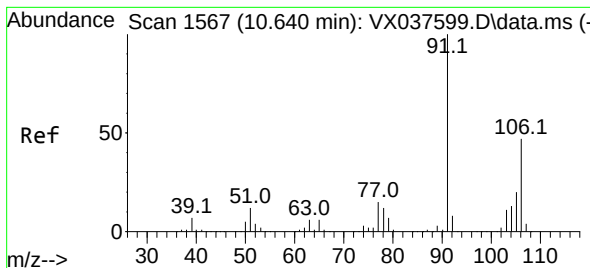


#68
m/p-Xylenes
Concen: 39.107 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36



Tgt Ion:106 Resp: 190288
Ion Ratio Lower Upper
106 100
91 205.1 165.5 248.3





#69

o-Xylene

Concen: 19.446 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

Tgt Ion:106 Resp: 94339

Ion Ratio Lower Upper

106 100

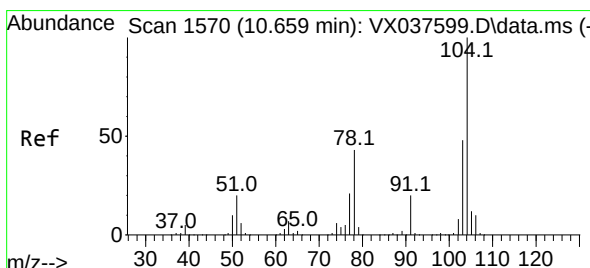
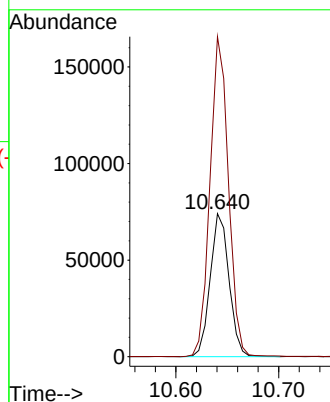
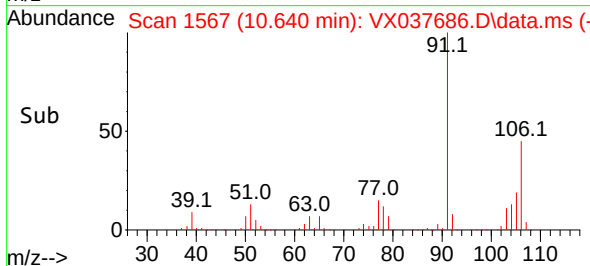
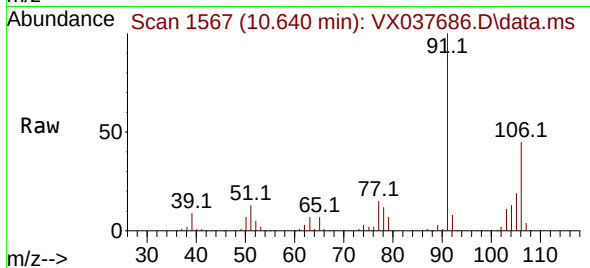
91 219.7 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#70

Styrene

Concen: 19.599 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

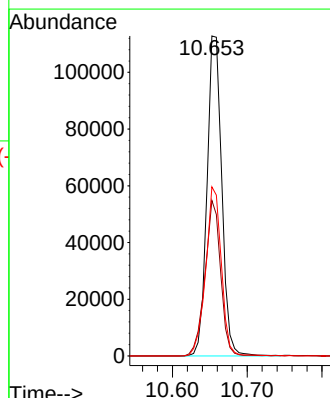
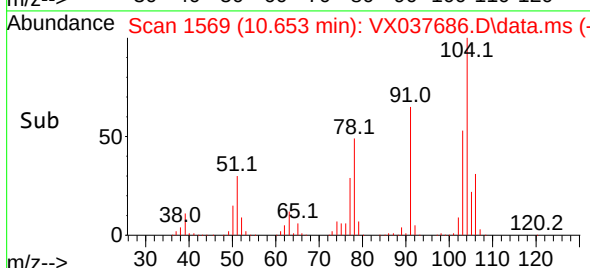
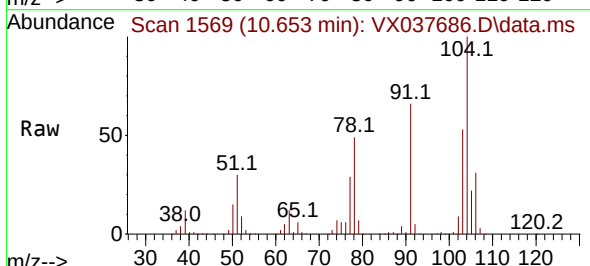
Tgt Ion:104 Resp: 155121

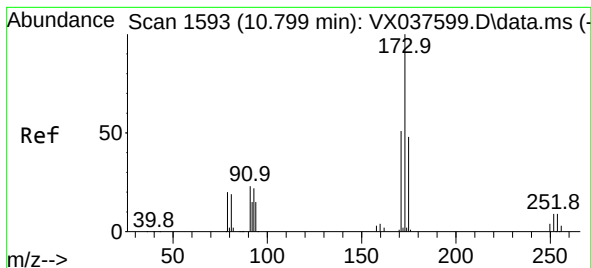
Ion Ratio Lower Upper

104 100

78 51.5 43.6 65.4

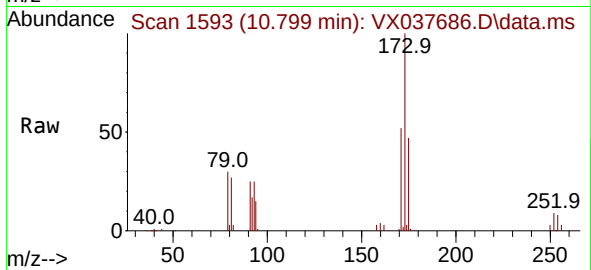
103 55.9 43.6 65.4





#71
Bromoform
Concen: 19.539 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

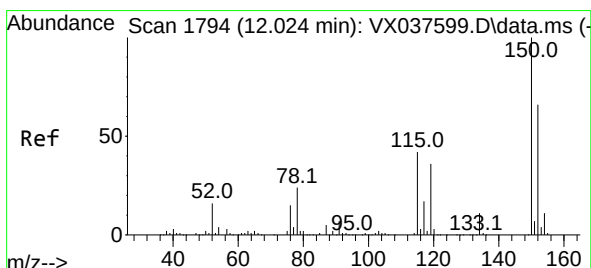
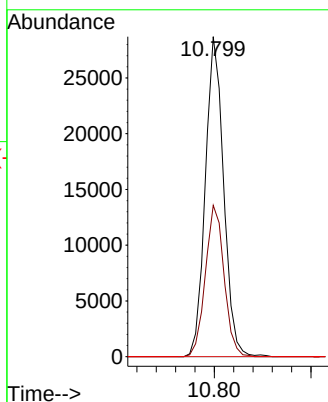
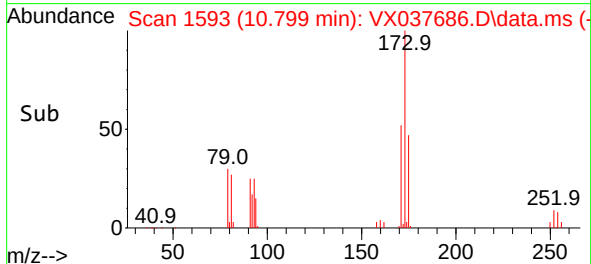
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion:173 Resp: 3778
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.0 0.0 0.0

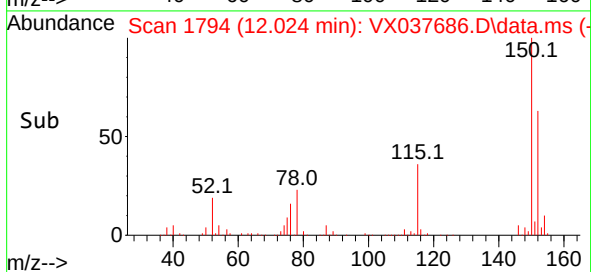
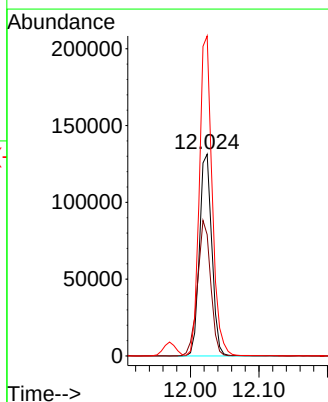
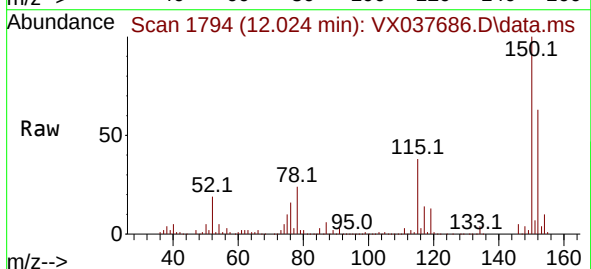
Manual Integrations
APPROVED

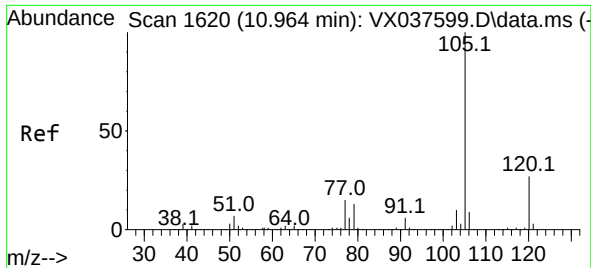
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

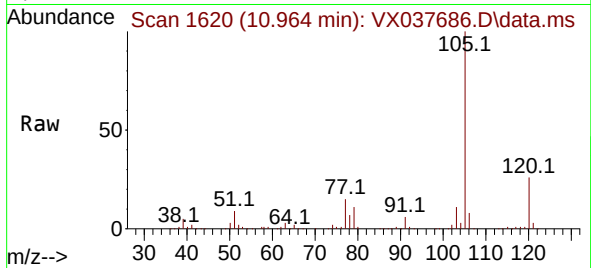
Tgt Ion:152 Resp: 165187
Ion Ratio Lower Upper
152 100
115 71.3 43.3 129.9
150 164.0 0.0 345.0





#73
Isopropylbenzene
Concen: 20.163 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

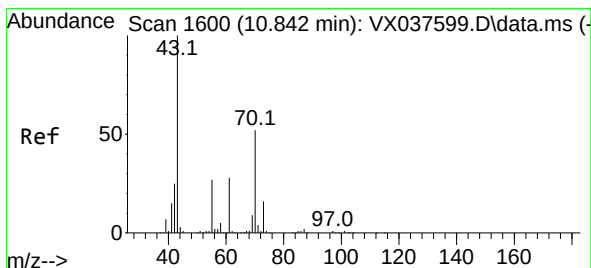
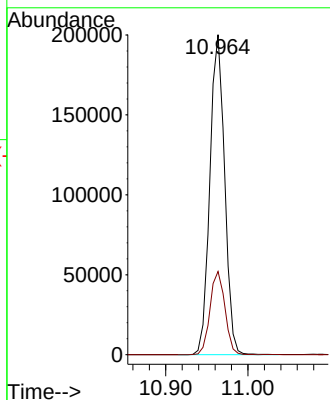
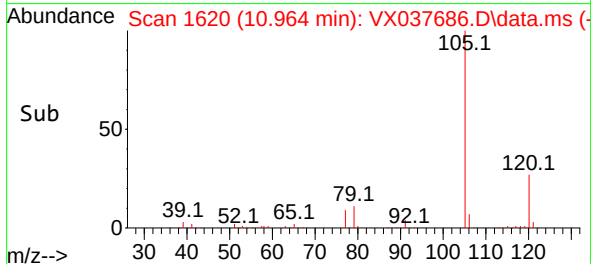
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01



Tgt Ion:105 Resp: 249369
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

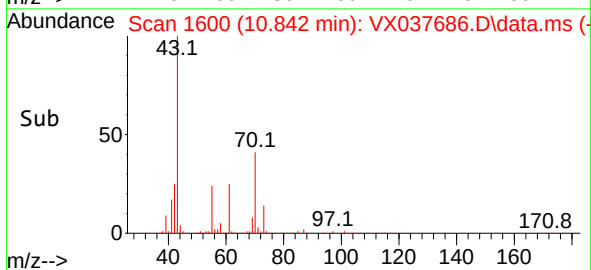
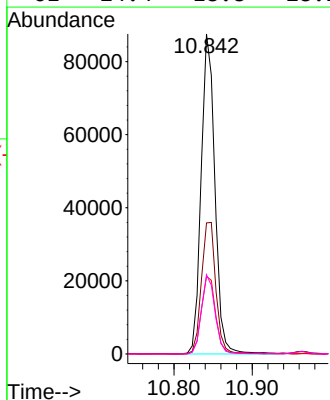
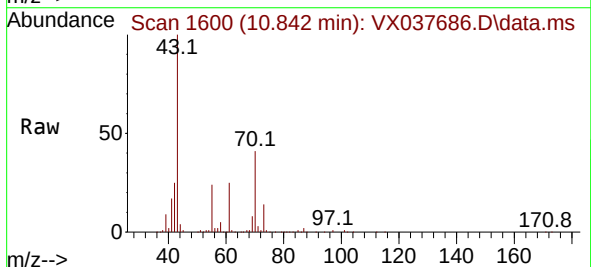
Manual Integrations
APPROVED

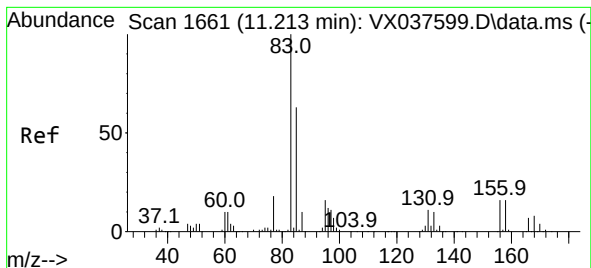
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#74
N-ethyl acetate
Concen: 19.830 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion: 43 Resp: 106942
Ion Ratio Lower Upper
43 100
70 43.0 32.9 49.3
55 25.3 19.3 28.9
61 24.4 18.8 28.2





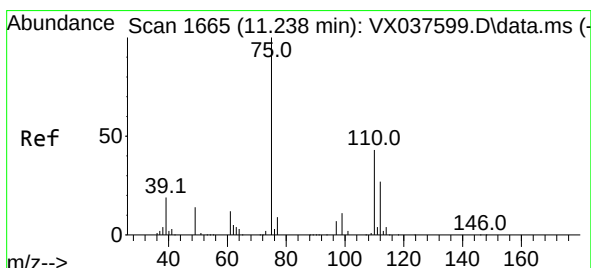
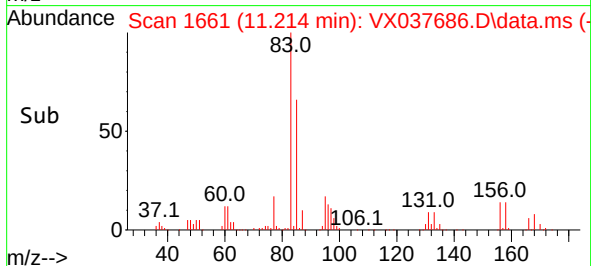
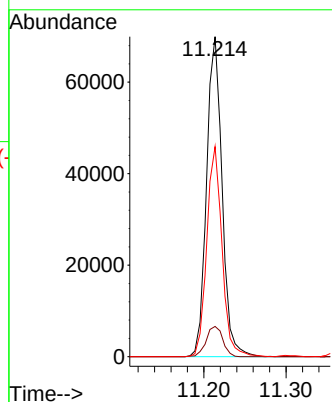
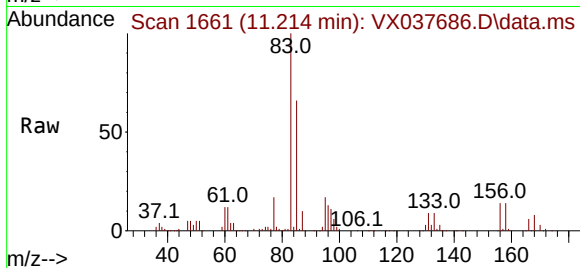
#75
1,1,2,2-Tetrachloroethane
Concen: 19.794 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Tgt Ion: 83 Resp: 91609
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 64.6 32.0 96.2

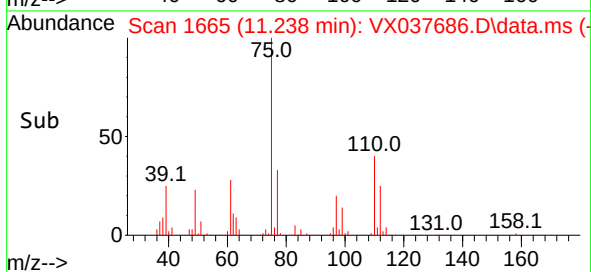
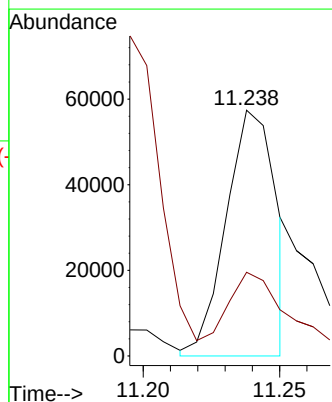
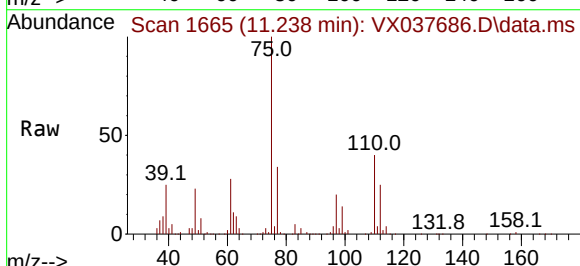
Manual Integrations
APPROVED

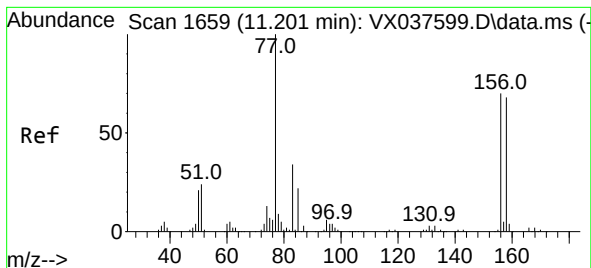
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#76
1,2,3-Trichloropropane
Concen: 20.073 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion: 75 Resp: 72895
Ion Ratio Lower Upper
75 100
77 43.5 19.1 57.5





#77

Bromobenzene

Concen: 20.606 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

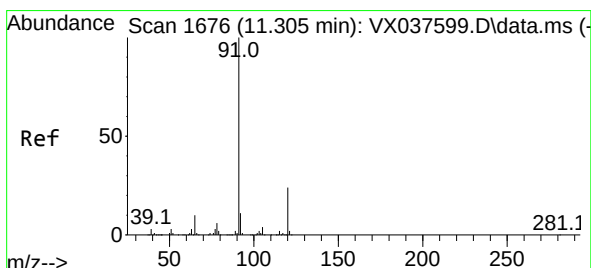
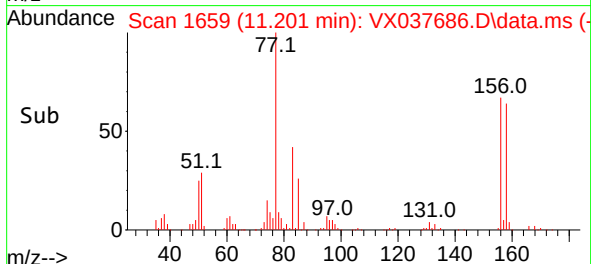
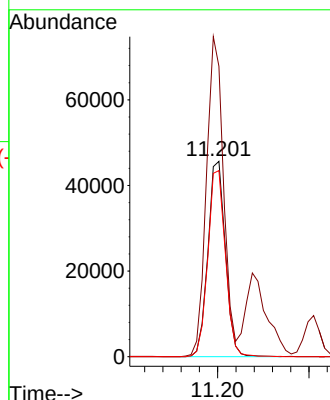
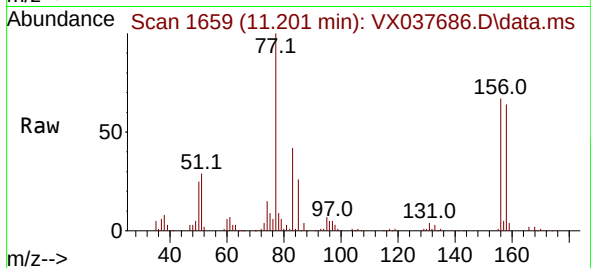
Tgt Ion:	156	Resp:	60392
Ion Ratio	Lower	Upper	
156	100		
77	159.9	88.4	265.3
158	96.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#78

n-propylbenzene

Concen: 19.920 ug/l

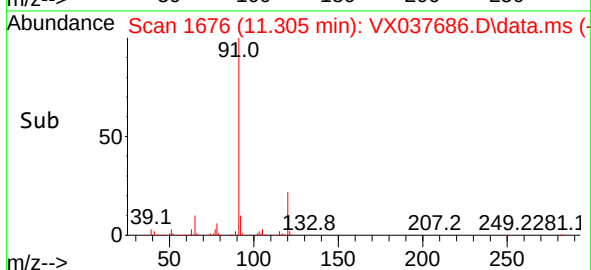
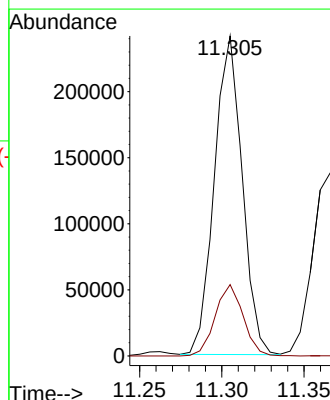
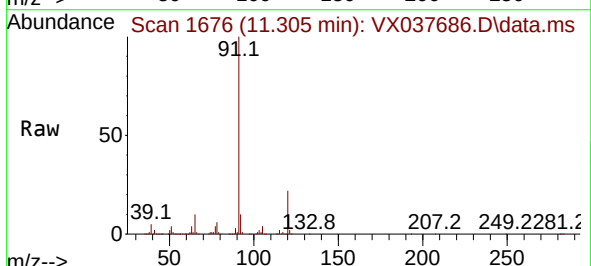
RT: 11.305 min Scan# 1676

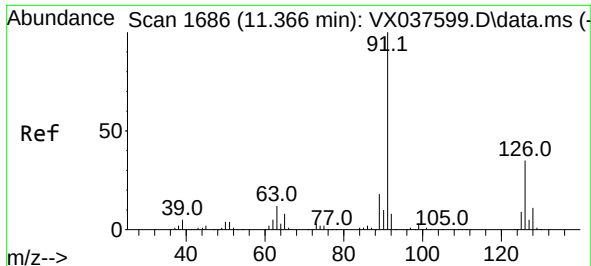
Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Tgt Ion:	91	Resp:	283433
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.4





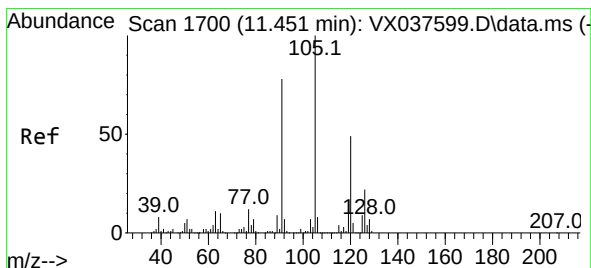
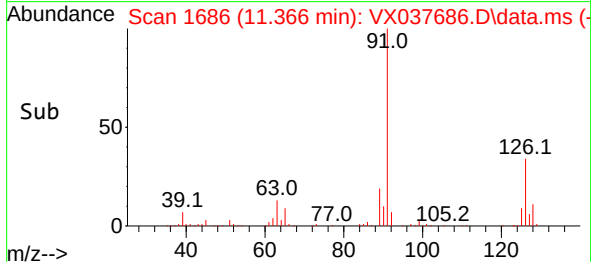
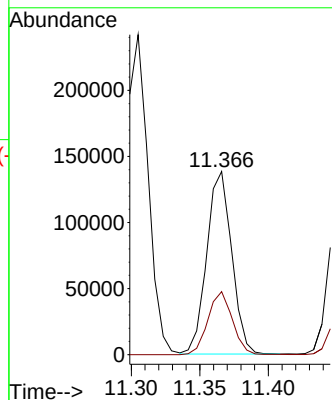
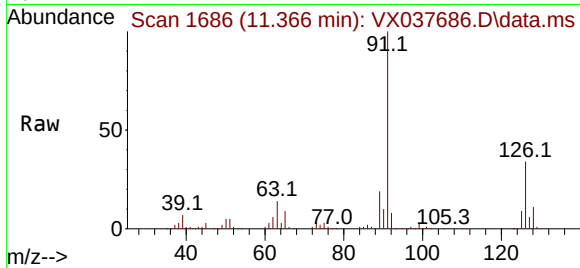
#79
2-Chlorotoluene
Concen: 20.013 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Tgt Ion: 91 Resp: 175280
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

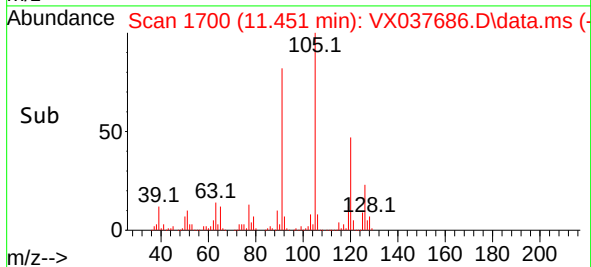
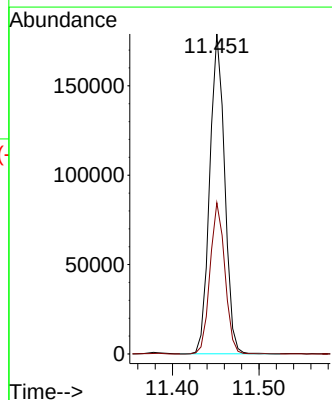
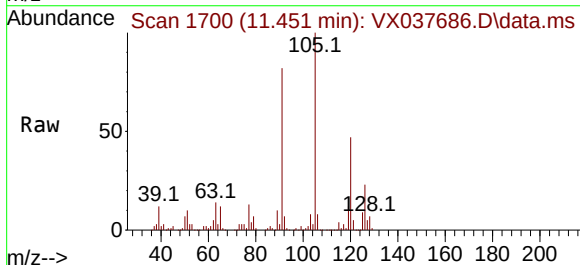
Manual Integrations
APPROVED

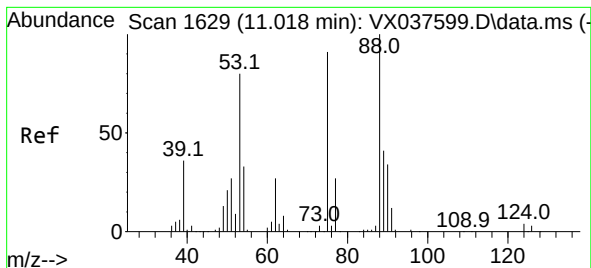
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.608 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion:105 Resp: 214201
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3





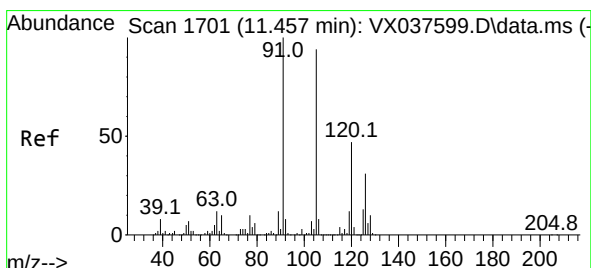
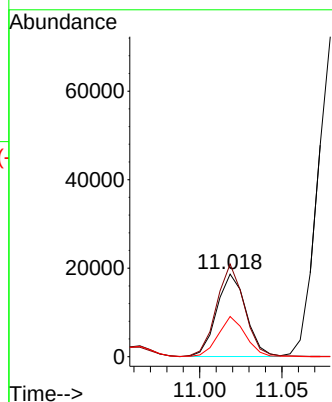
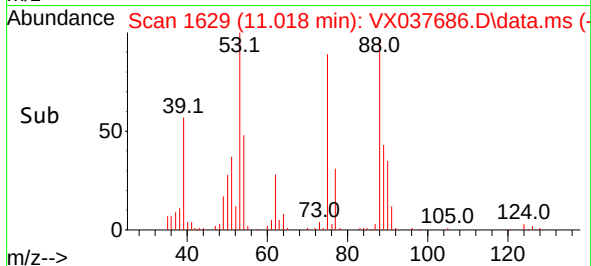
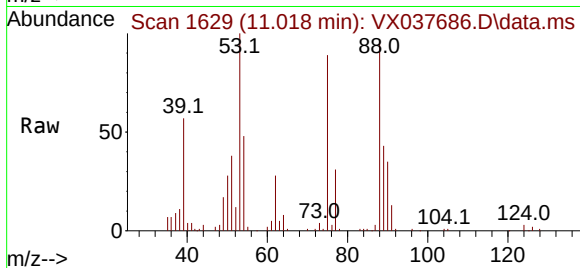
#81
trans-1,4-Dichloro-2-butene
Concen: 19.237 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBS01

Tgt Ion: 75 Resp: 2298
Ion Ratio Lower Upper
75 100
53 107.9 90.5 135.7
89 46.0 36.9 55.3

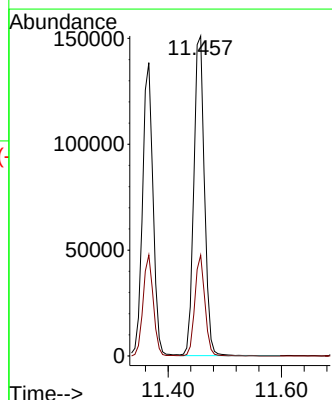
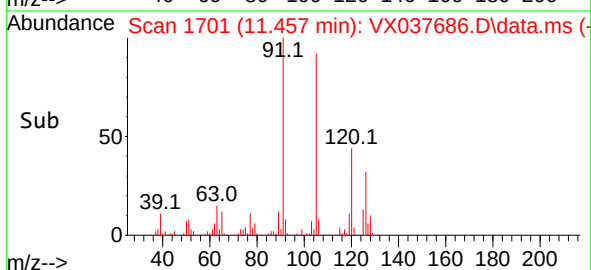
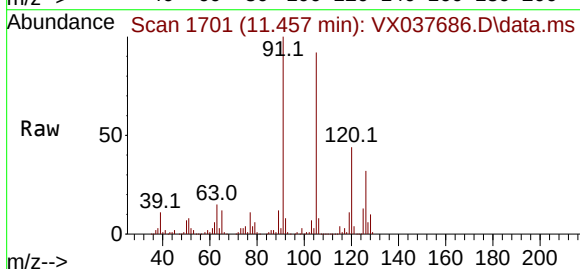
Manual Integrations
APPROVED

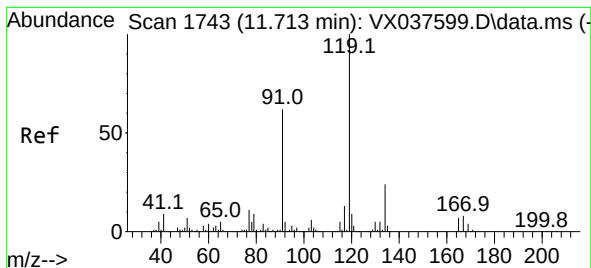
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#82
4-Chlorotoluene
Concen: 19.693 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX037686.D
Acq: 13 Sep 2023 11:36

Tgt Ion: 91 Resp: 197031
Ion Ratio Lower Upper
91 100
126 29.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.526 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

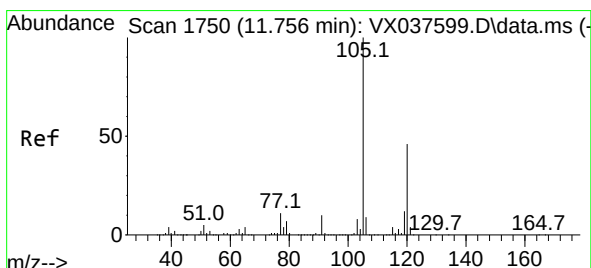
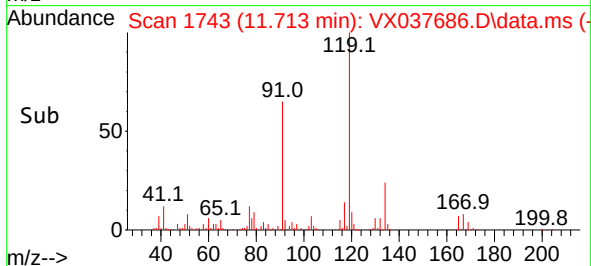
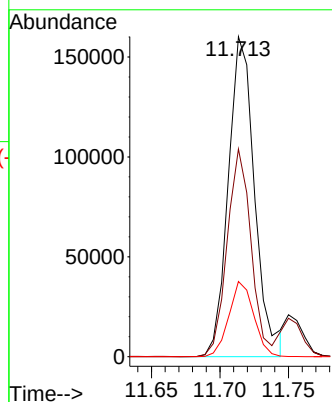
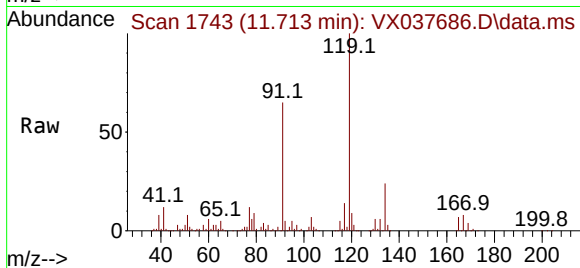
Tgt Ion:	119	Resp:	214328
Ion Ratio	Lower	Upper	
119	100		
91	59.1	31.2	93.6
134	22.3	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.356 ug/l

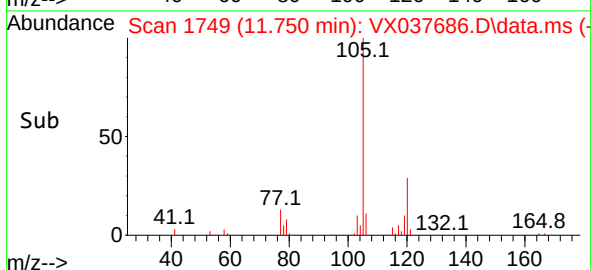
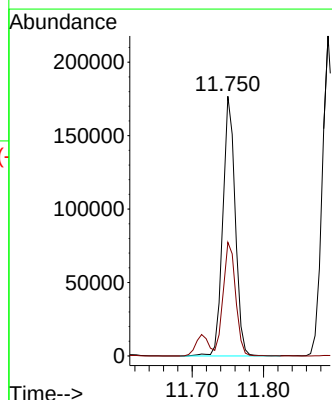
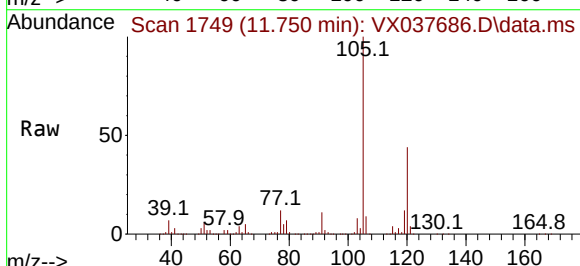
RT: 11.750 min Scan# 1749

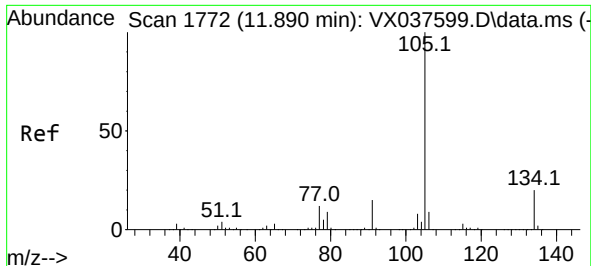
Delta R.T. -0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

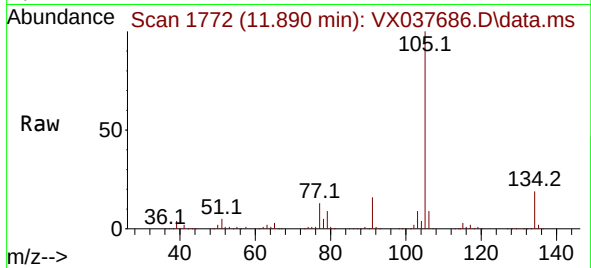
Tgt Ion:	105	Resp:	213310
Ion Ratio	Lower	Upper	
105	100		
120	43.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 20.155 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037686.D
 Acq: 13 Sep 2023 11:36

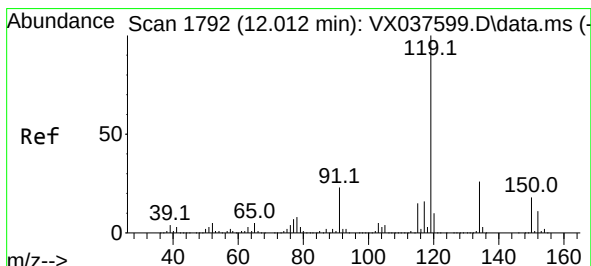
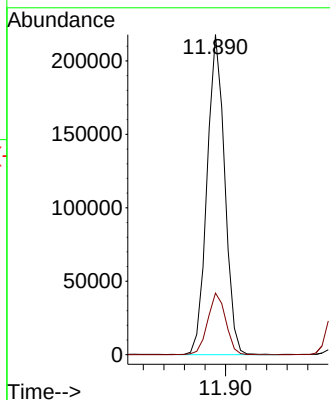
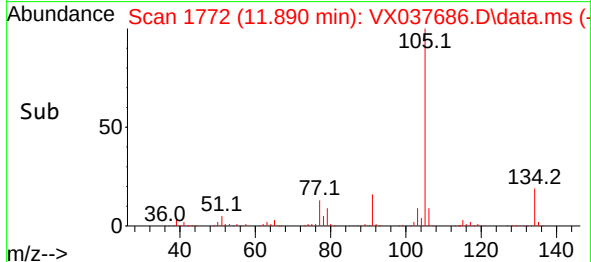
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBS01



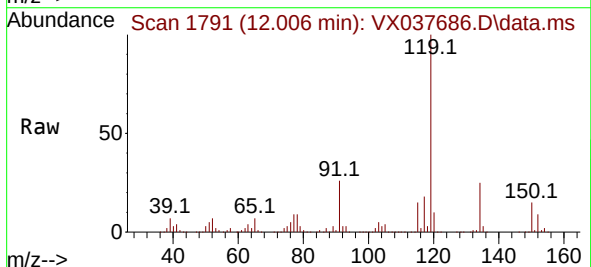
Tgt Ion:105 Resp: 259819
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

Manual Integrations
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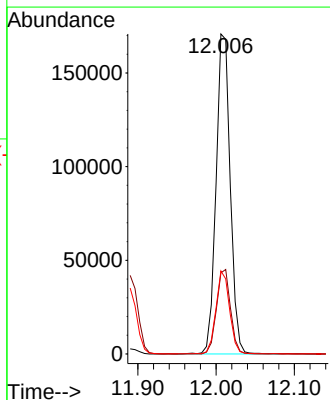
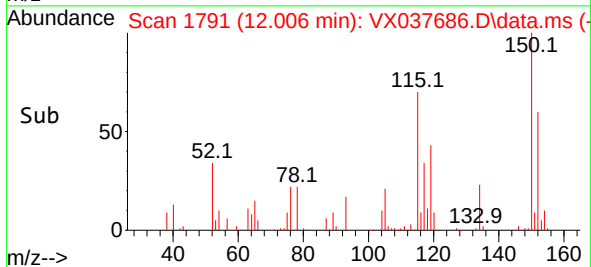
Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/14/2023

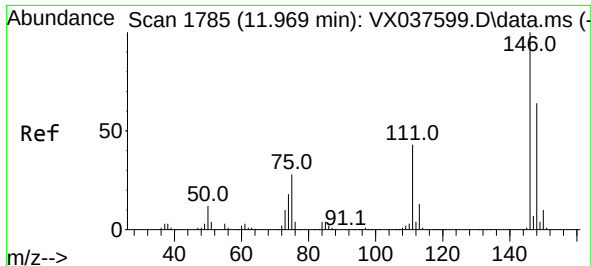


#86
 p-Isopropyltoluene
 Concen: 20.365 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037686.D
 Acq: 13 Sep 2023 11:36



Tgt Ion:119 Resp: 215125
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.671 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

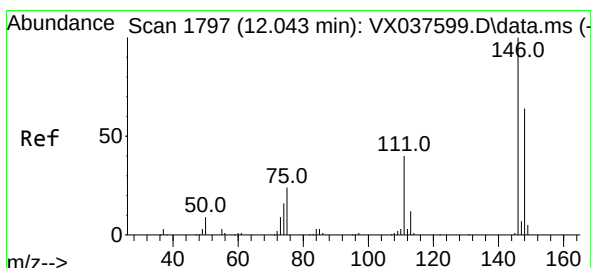
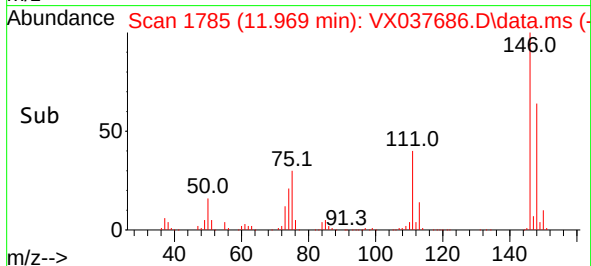
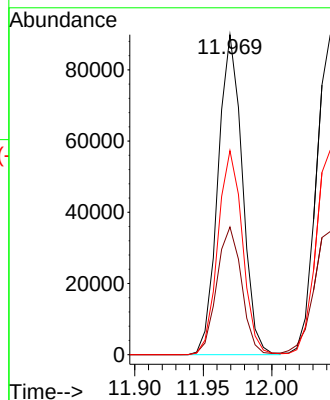
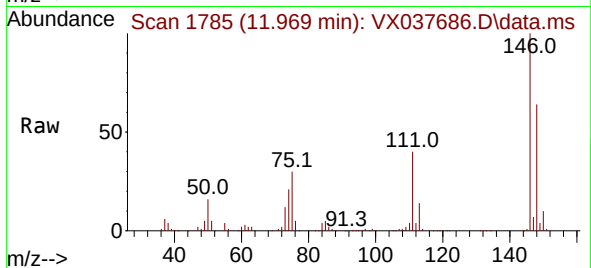
Tgt Ion:146 Resp: 110690
 Ion Ratio Lower Upper
 146 100
 111 40.9 22.1 66.1
 148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#88

1,4-Dichlorobenzene

Concen: 19.244 ug/l

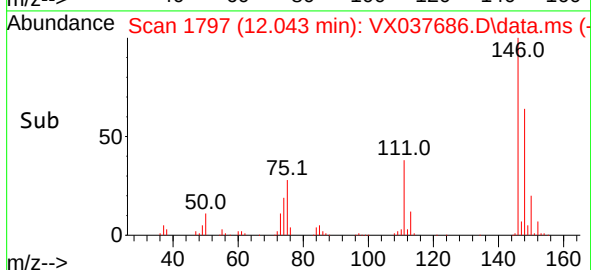
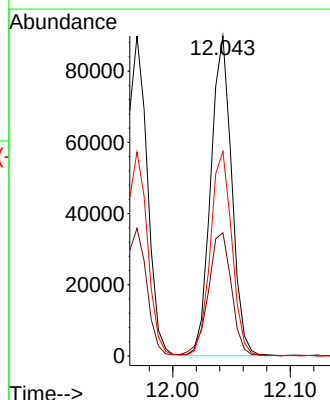
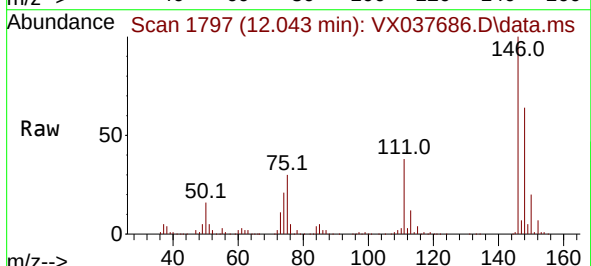
RT: 12.043 min Scan# 1797

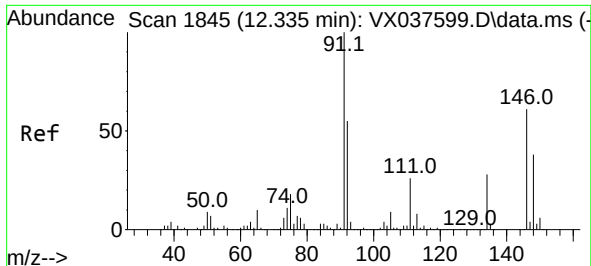
Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Tgt Ion:146 Resp: 111300
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.7
 148 65.8 31.8 95.4





#89

n-Butylbenzene

Concen: 19.428 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

Tgt Ion: 91 Resp: 185874

Ion Ratio Lower Upper

91 100

92 51.7 27.4 82.0

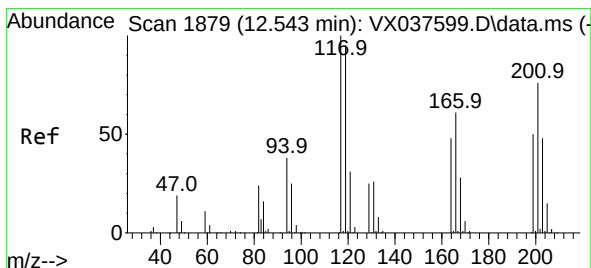
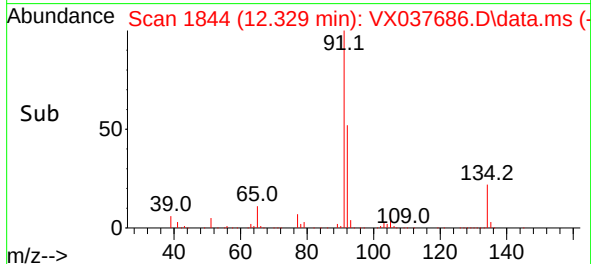
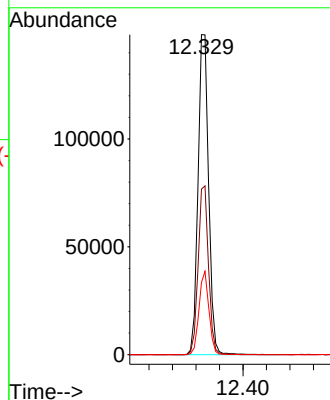
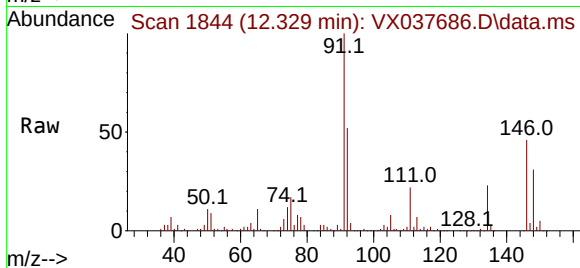
134 24.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#90

Hexachloroethane

Concen: 19.915 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037686.D

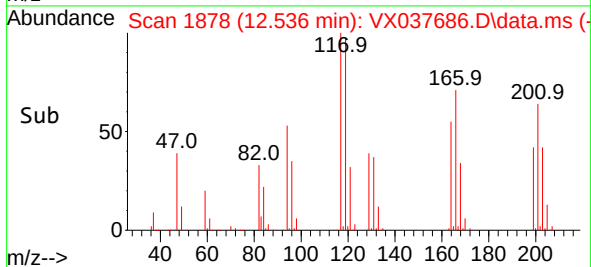
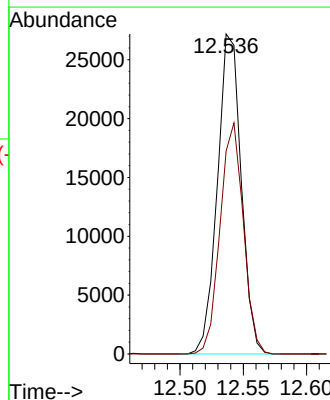
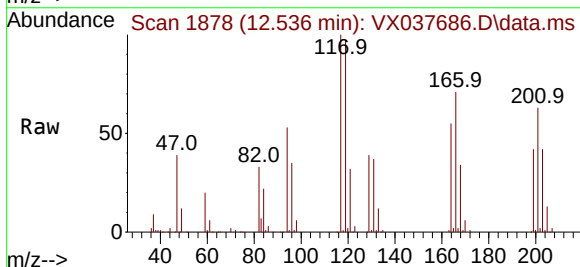
Acq: 13 Sep 2023 11:36

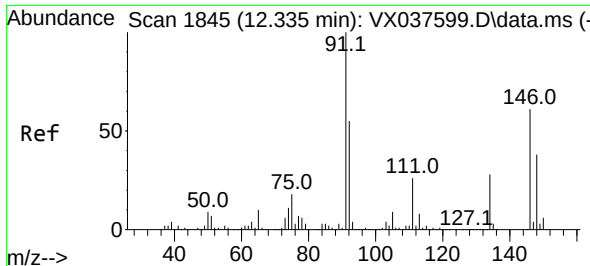
Tgt Ion:117 Resp: 35498

Ion Ratio Lower Upper

117 100

201 70.6 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 20.107 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

Tgt Ion:146 Resp: 113208

Ion Ratio Lower Upper

146 100

111 42.5 22.4 67.0

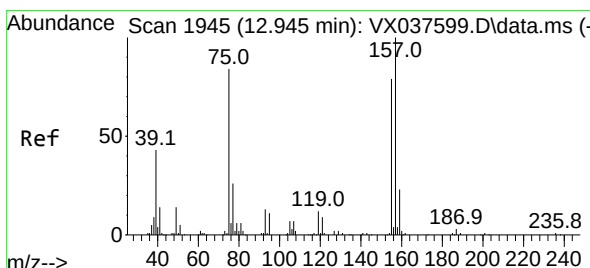
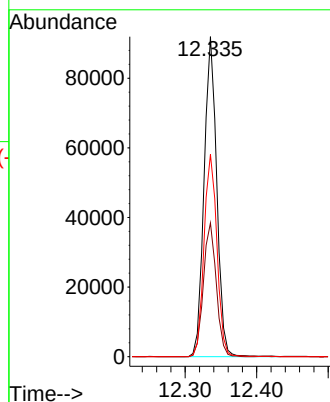
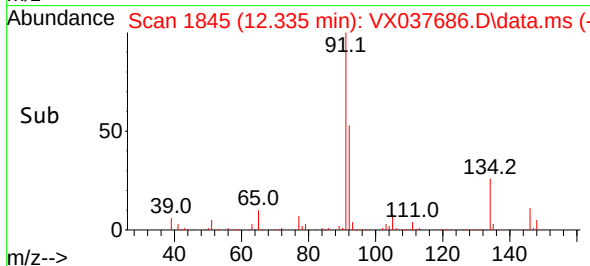
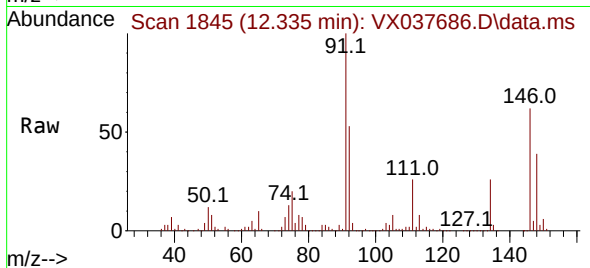
148 64.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.242 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

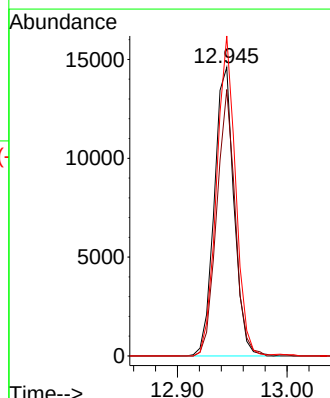
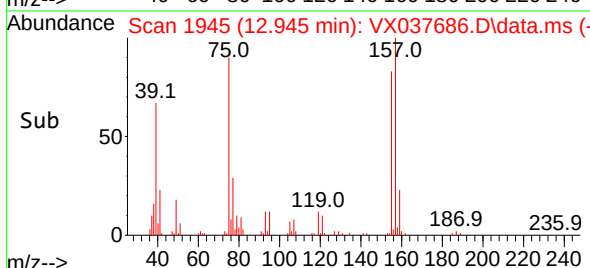
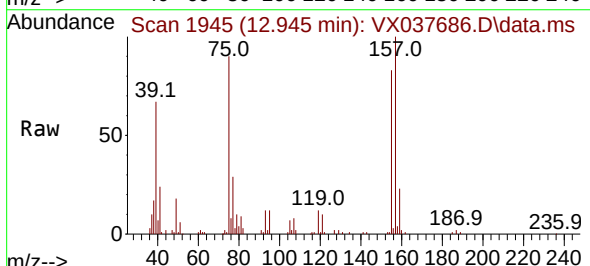
Tgt Ion: 75 Resp: 18286

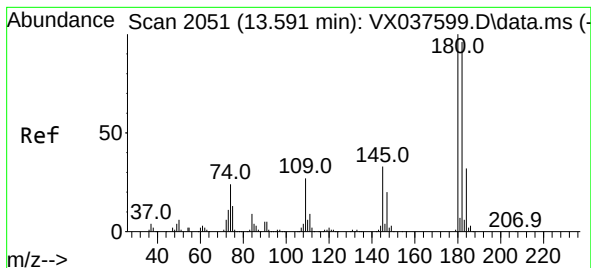
Ion Ratio Lower Upper

75 100

155 86.3 36.1 108.5

157 106.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.503 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

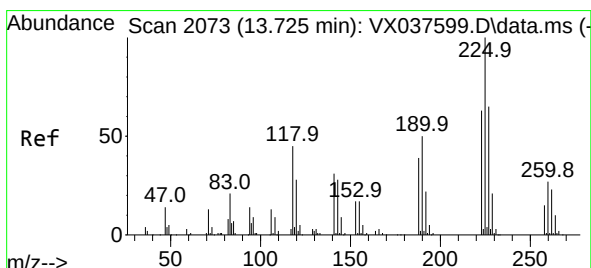
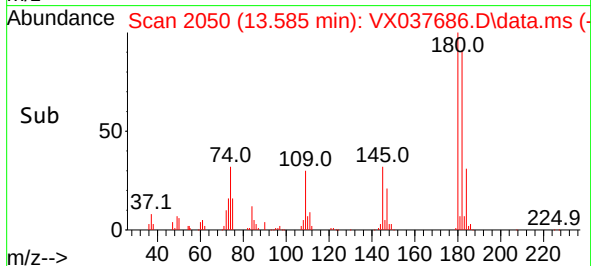
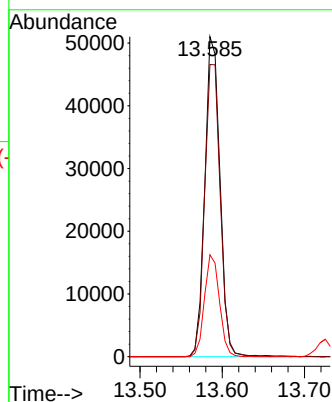
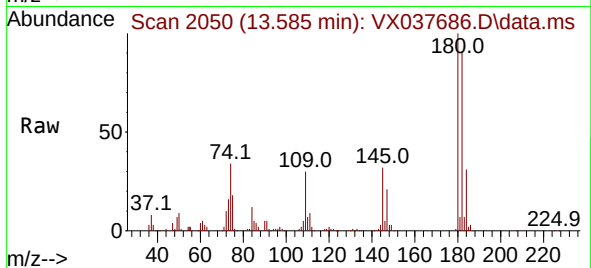
Tgt Ion:180	Resp:	6539
Ion Ratio	Lower	Upper
180	100	
182	94.1	48.3 144.8
145	31.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#94

Hexachlorobutadiene

Concen: 21.206 ug/l

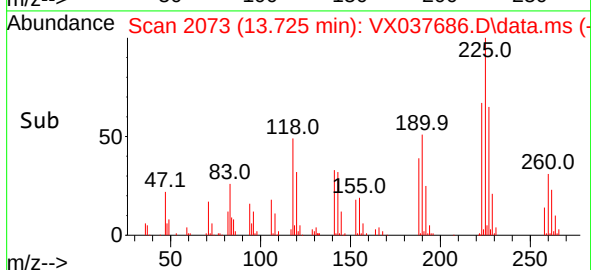
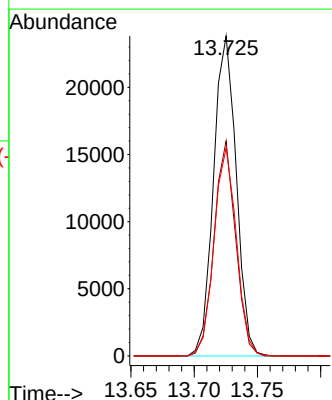
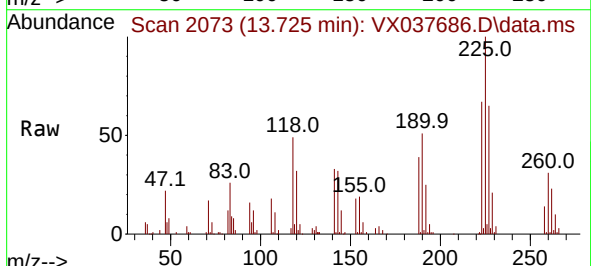
RT: 13.725 min Scan# 2073

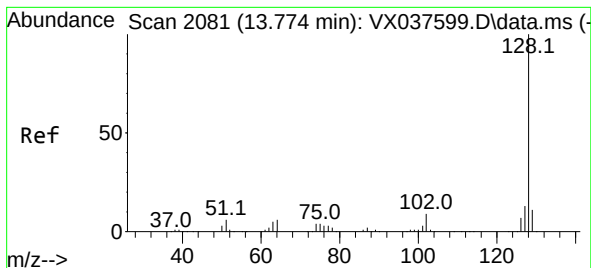
Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Tgt Ion:225	Resp:	29703
Ion Ratio	Lower	Upper
225	100	
223	63.8	31.1 93.2
227	64.3	32.5 97.5





#95

Naphthalene

Concen: 19.391 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBS01

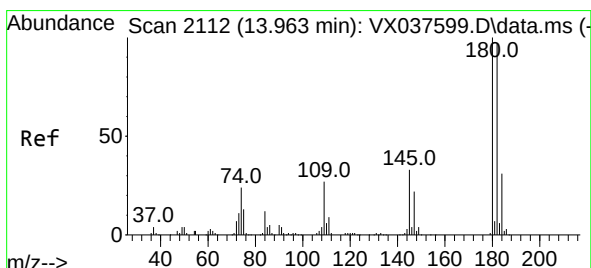
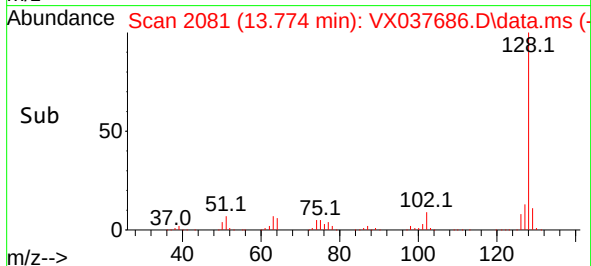
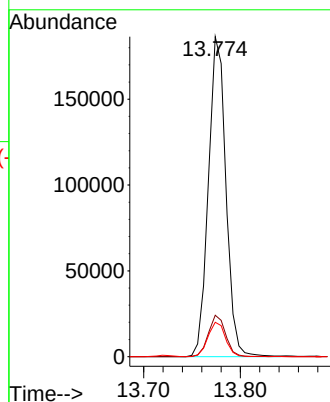
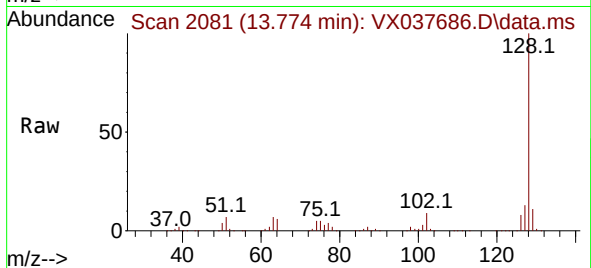
Tgt Ion:128	Resp: 23552
Ion Ratio	Lower Upper
128 100	
127 12.8	10.3 15.5
129 10.9	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.592 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Tgt Ion:180	Resp: 67403
Ion Ratio	Lower Upper
180 100	
182 93.4	46.9 140.6
145 33.0	17.8 53.5

