

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037933.D
 Acq On : 27 Sep 2023 19:36
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 28 05:46:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 03:42:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/28/2023
 Supervised By : Mahesh Dadoda 09/28/2023

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

Internal Standards						
1) Bromochloromethane	4.903	128	46714	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	262636	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	255033	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	100349	29.801	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.333%		
60) 4-Bromofluorobenzene	11.079	95	127793	30.738	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.467%		
63) Toluene-d8	8.653	98	329226	29.904	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.667%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	232516	94.950	ug/l	100
3) Chloromethane	1.294	50	250615	95.560	ug/l	95
4) Vinyl Chloride	1.374	62	280347	95.490	ug/l	97
5) Bromomethane	1.599	94	213182	94.257	ug/l	98
6) Chloroethane	1.678	64	187369m	95.029	ug/l	
7) Trichlorofluoromethane	1.886	101	464150	95.776	ug/l	100
8) Diethyl Ether	2.136	74	172894	96.702	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	238049	96.347	ug/l	99
10) 1,1-Dichloroethene	2.319	96	235431	97.342	ug/l	93
11) Methyl Iodide	2.453	142	328587	100.383	ug/l	98
12) Methyl Acetate	2.703	43	478094	97.253	ug/l	97
13) Acrolein	2.233	56	283335	499.451	ug/l	96
14) Acrylonitrile	3.062	53	665754	490.495	ug/l	98
15) Acetone	2.380	58	183411	467.161	ug/l	87
16) Carbon Disulfide	2.514	76	599122	101.515	ug/l	97
17) Allyl chloride	2.666	41	365661	98.753	ug/l	94
18) Methylene Chloride	2.788	84	276653	95.438	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	265636	97.446	ug/l	94
20) Diisopropyl ether	3.757	45	774688	97.999	ug/l	90
21) 1,1-Dichloroethane	3.611	63	465199	97.401	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	318107	98.282	ug/l	95
23) tert-Butyl Alcohol	2.965	59	282259	498.555	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	818081	97.724	ug/l	96
25) Chloroform	5.092	83	513732	97.806	ug/l	98
26) Cyclohexane	5.470	56	396690	97.596	ug/l #	96
29) 1,1-Dichloropropene	5.696	75	373027	98.255	ug/l	97
30) 2-Butanone	4.556	43	885057	485.762	ug/l	96
31) 2,2-Dichloropropane	4.477	77	380776	99.557	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	452929	99.562	ug/l	97
33) Carbon Tetrachloride	5.678	117	400066	102.732	ug/l	98
34) Benzene	6.037	78	1101536	97.126	ug/l	97
35) Methacrylonitrile	4.916	41	190738	99.573	ug/l	95
36) 1,2-Dichloroethane	6.086	62	385435	96.072	ug/l	98
37) Trichloroethene	7.123	130	306624	98.003	ug/l	95
38) Methylcyclohexane	7.379	83	471858	98.882	ug/l	95
39) 1,2-Dichloropropane	7.427	63	282121	97.233	ug/l	97
40) Dibromomethane	7.580	93	210985	98.546	ug/l	96
41) Bromodichloromethane	7.824	83	400254	102.397	ug/l	99
42) Vinyl Acetate	3.721	43	2862007	498.294	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037933.D
 Acq On : 27 Sep 2023 19:36
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

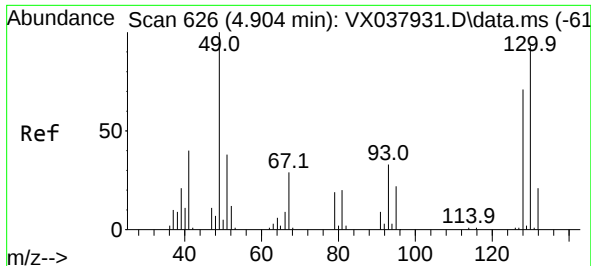
Quant Time: Sep 28 05:46:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 03:42:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/28/2023
 Supervised By : Mahesh Dadoda 09/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	356209	98.894	ug/l	97
44) Isopropyl Acetate	6.336	43	598155	100.380	ug/l	96
45) 1,4-Dioxane	7.659	88	138983	2024.021	ug/l #	1
46) Methyl methacrylate	7.690	41	287450	101.479	ug/l	93
47) n-amyl Acetate	10.841	43	586519	104.618	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	445410	104.893	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	469374	102.928	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	301426	98.520	ug/l	97
51) Ethyl methacrylate	9.116	69	457999	101.594	ug/l	96
52) 1,3-Dichloropropane	9.311	76	483239	98.461	ug/l	100
53) Dibromochloromethane	9.525	129	334323	106.026	ug/l	100
54) 1,2-Dibromoethane	9.610	107	330185	99.452	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	1131970	515.098	ug/l	97
56) Bromoform	10.799	173	260842	109.985	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	1821851	487.991	ug/l	94
59) 2-Hexanone	9.433	43	1411319	497.780	ug/l	94
61) Tetrachloroethene	9.275	164	261727	96.434	ug/l	98
62) Toluene	8.720	91	1259799	95.228	ug/l	98
64) Chlorobenzene	10.079	112	806389	97.713	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	304515	101.653	ug/l	98
66) Ethyl Benzene	10.195	91	1430025	97.943	ug/l	96
67) m/p-Xylenes	10.299	106	1125919	195.755	ug/l	99
68) o-Xylene	10.640	106	556798	99.967	ug/l	100
69) Styrene	10.652	104	948767	101.536	ug/l	97
70) Isopropylbenzene	10.963	105	1456695	98.546	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	485631	99.682	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	439890m	102.835	ug/l	
73) Bromobenzene	11.201	156	376662	100.462	ug/l	92
74) n-propylbenzene	11.305	91	1745530	98.843	ug/l	99
75) 2-Chlorotoluene	11.366	91	1027510	99.385	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	1286515	100.926	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	155279	114.617	ug/l	87
78) 4-Chlorotoluene	11.451	91	1211400	99.884	ug/l	97
79) tert-butylbenzene	11.713	119	1275279	101.647	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	1276930	100.768	ug/l	100
81) sec-Butylbenzene	11.890	105	1626378	100.802	ug/l	100
82) p-Isopropyltoluene	12.006	119	1381038	101.954	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	734676	101.413	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	744111	101.366	ug/l	99
85) n-Butylbenzene	12.335	91	1313209	103.618	ug/l	99
86) Hexachloroethane	12.536	117	243139	110.171	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	711091	99.625	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.939	75	100976	104.060	ug/l	83
89) 1,2,4-Trichlorobenzene	13.585	180	489284	100.754	ug/l	99
90) Hexachlorobutadiene	13.725	225	216622	101.538	ug/l	97
91) Naphthalene	13.774	128	1491175	101.245	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	480494	101.631	ug/l	99

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



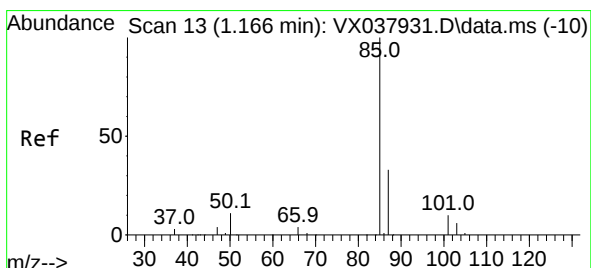
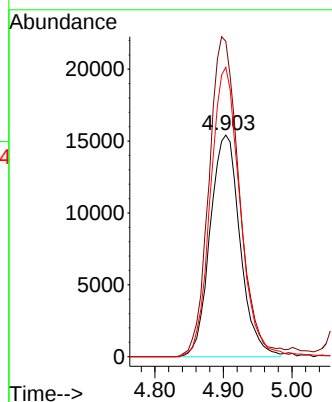
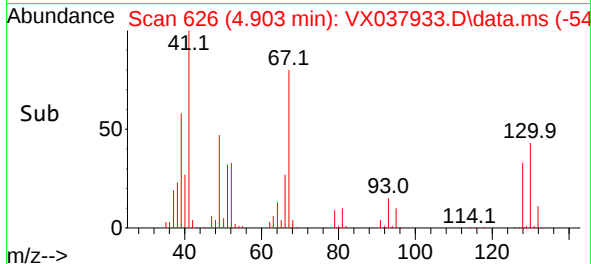
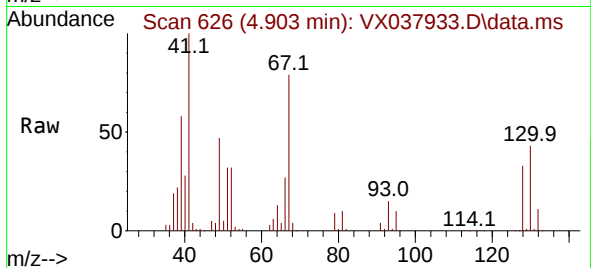
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 46714
Ion Ratio Lower Upper
128 100
49 146.2 0.0 406.3
130 128.6 0.0 328.0

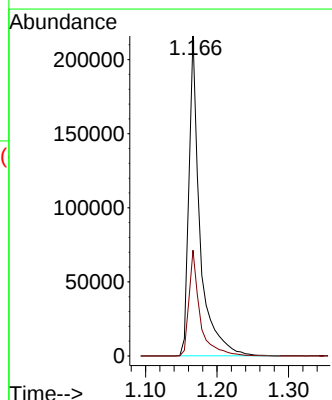
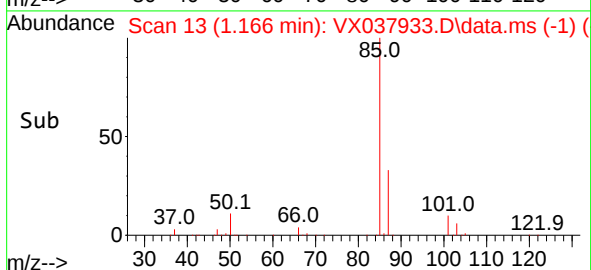
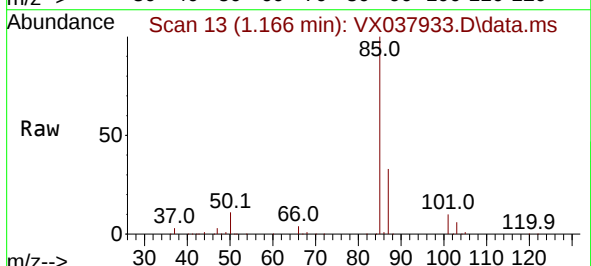
Manual Integrations
APPROVED

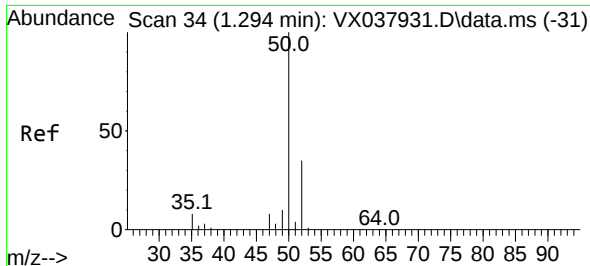
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#2
Dichlorodifluoromethane
Concen: 94.950 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

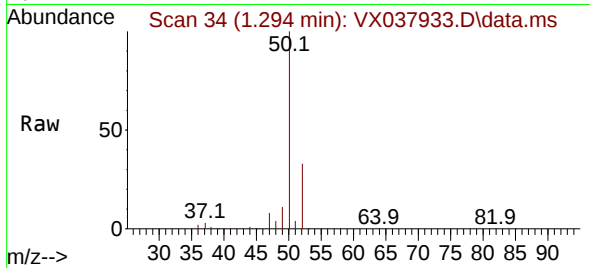
Tgt Ion: 85 Resp: 232516
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.4





#3
Chloromethane
Concen: 95.560 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

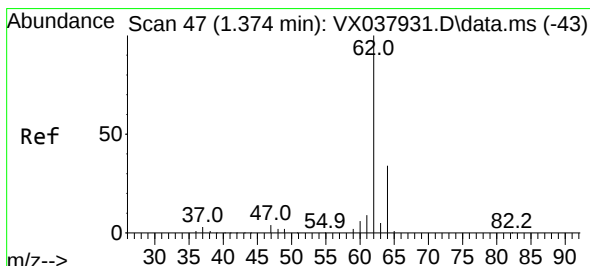
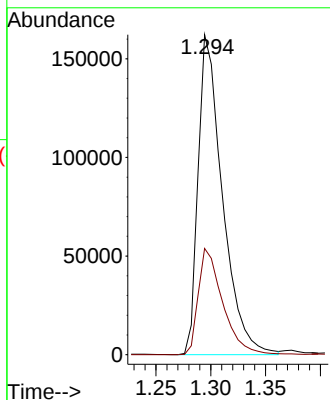
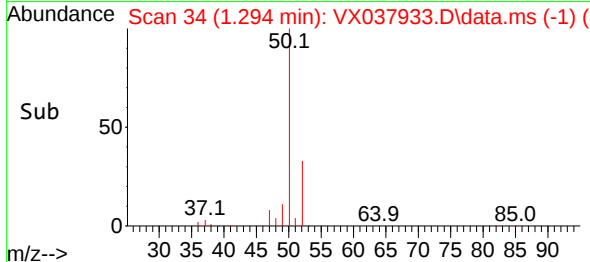
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 25061
Ion Ratio Lower Upper
50 100
52 33.2 24.5 36.7

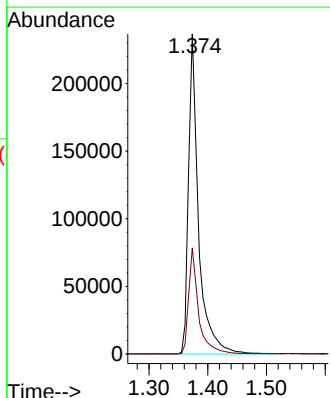
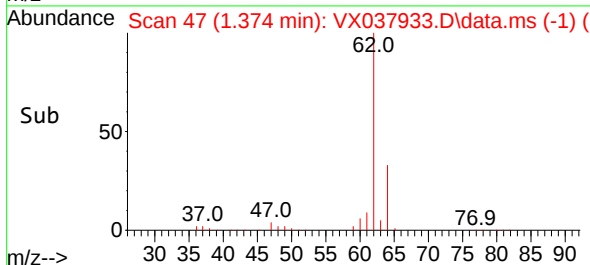
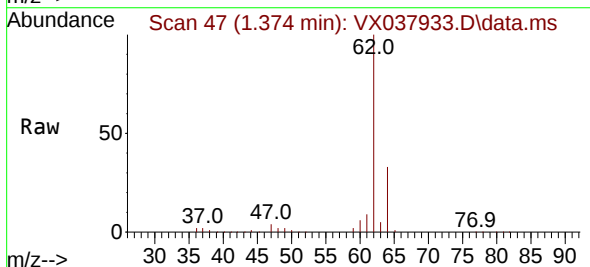
Manual Integrations
APPROVED

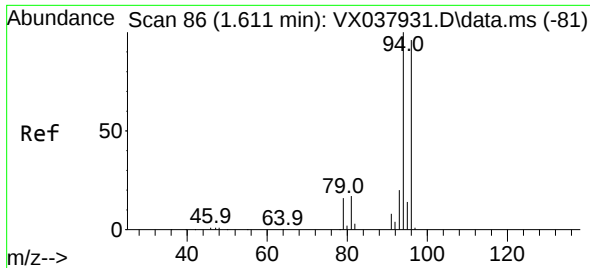
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#4
Vinyl Chloride
Concen: 95.490 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 62 Resp: 280347
Ion Ratio Lower Upper
62 100
64 33.1 25.3 37.9





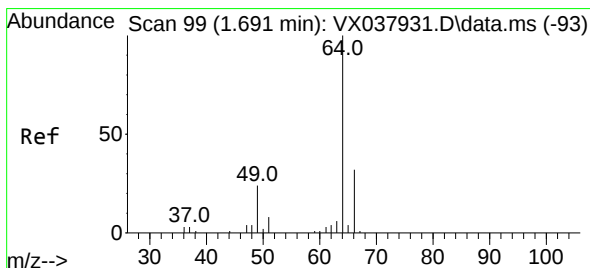
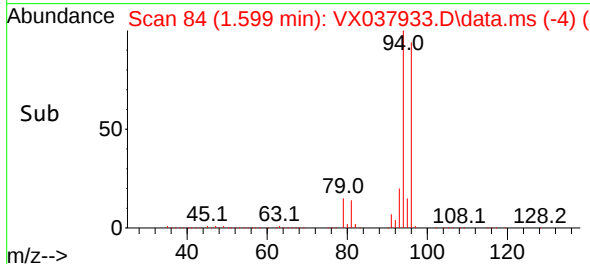
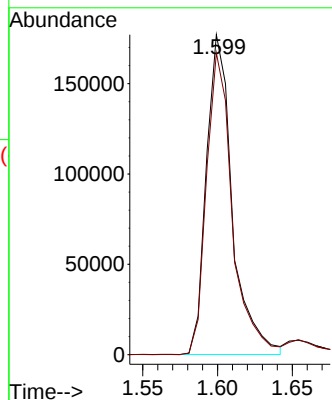
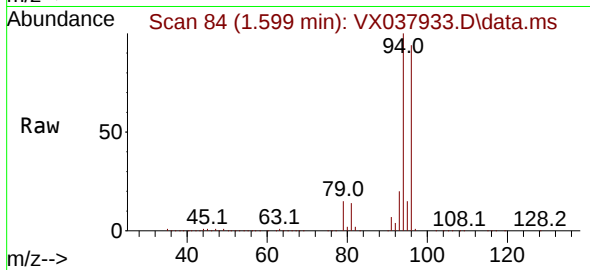
#5
Bromomethane
Concen: 94.257 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 21318
Ion Ratio Lower Upper
94 100
96 94.4 77.4 116.2

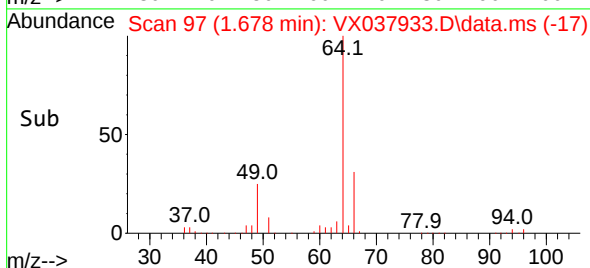
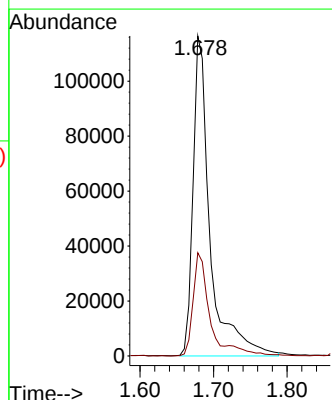
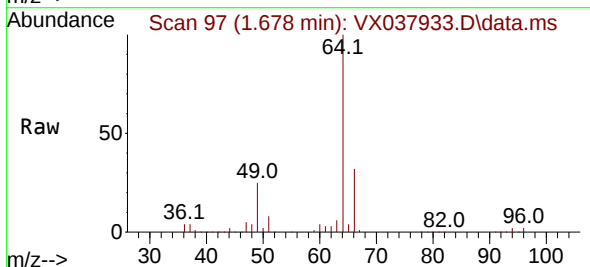
Manual Integrations
APPROVED

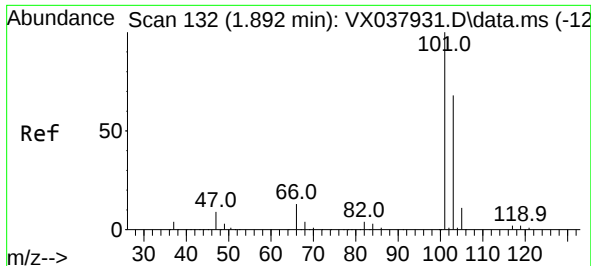
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#6
Chloroethane
Concen: 95.029 ug/l m
RT: 1.678 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

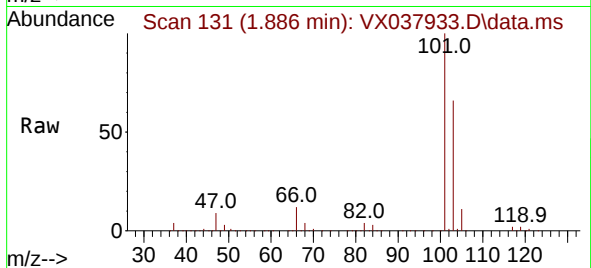
Tgt Ion: 64 Resp: 187369
Ion Ratio Lower Upper
64 100
66 32.2 23.1 34.7





#7
 Trichlorofluoromethane
 Concen: 95.776 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36

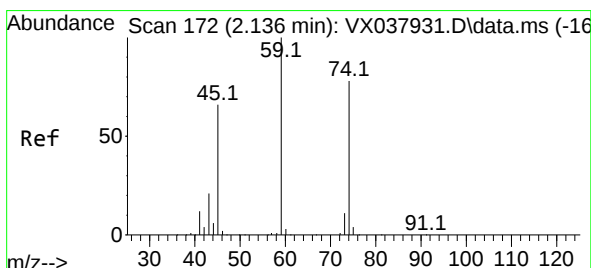
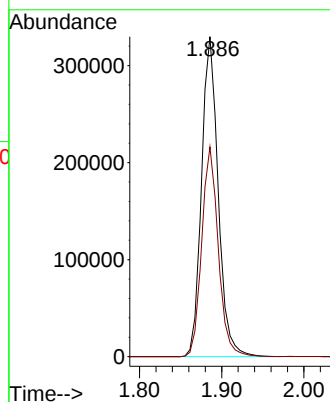
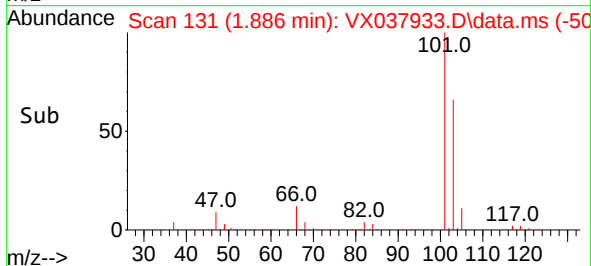
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



Tgt Ion:101 Resp: 464150
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.2 78.2

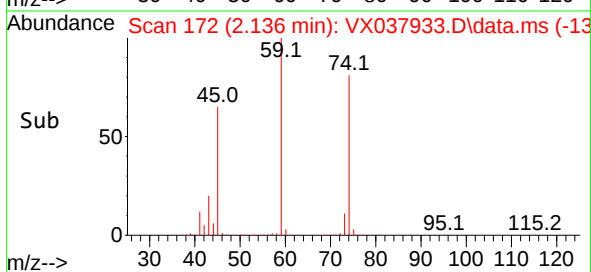
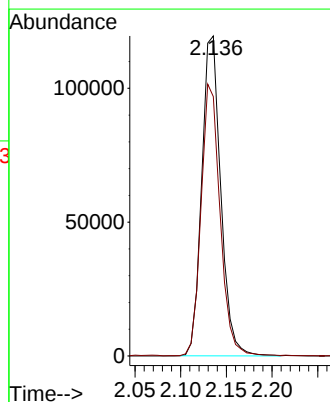
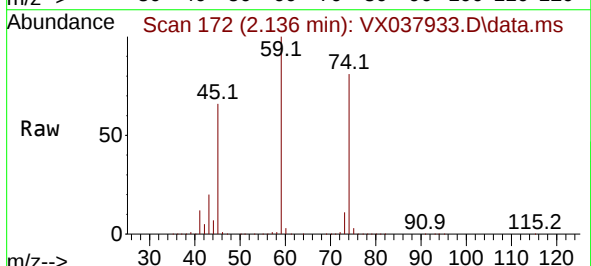
Manual Integrations
 APPROVED

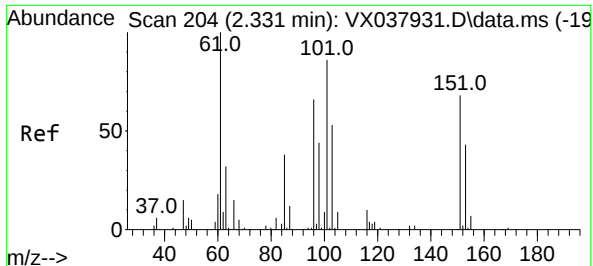
Reviewed By :John Carlone 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#8
 Diethyl Ether
 Concen: 96.702 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36

Tgt Ion: 74 Resp: 172894
 Ion Ratio Lower Upper
 74 100
 45 84.9 19.9 178.9





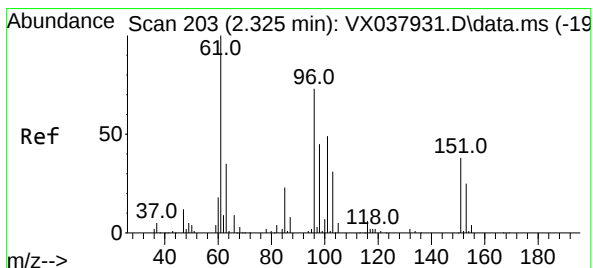
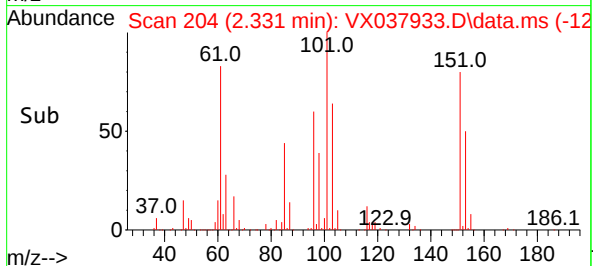
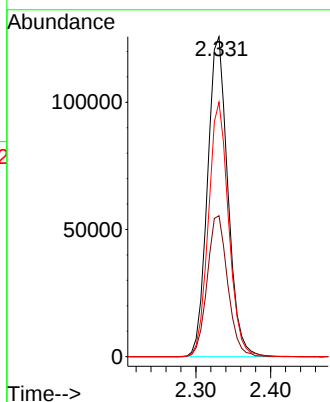
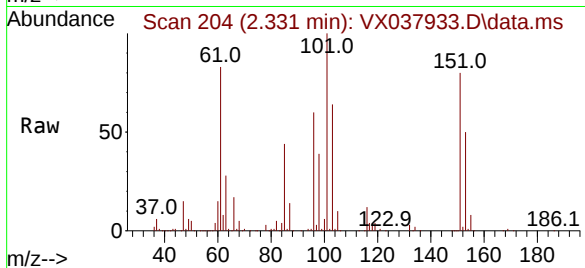
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.347 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 238049
Ion Ratio Lower Upper
101 100
85 44.6 0.0 91.0
151 78.9 0.0 155.4

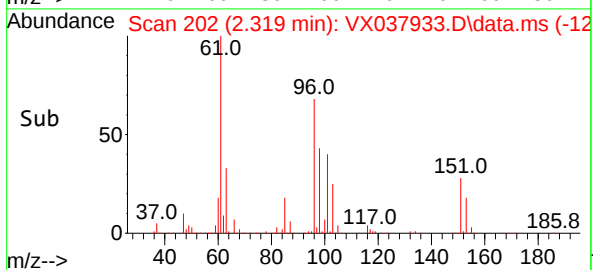
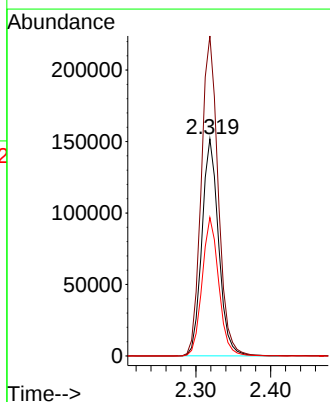
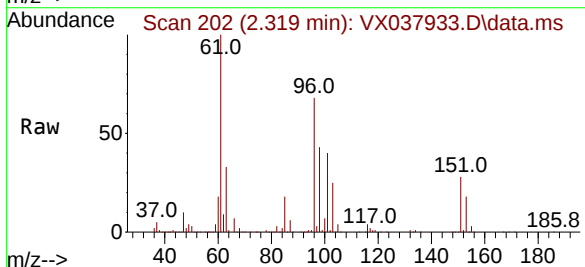
Manual Integrations
APPROVED

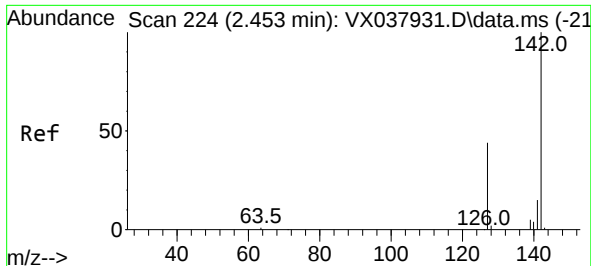
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#10
1,1-Dichloroethene
Concen: 97.342 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

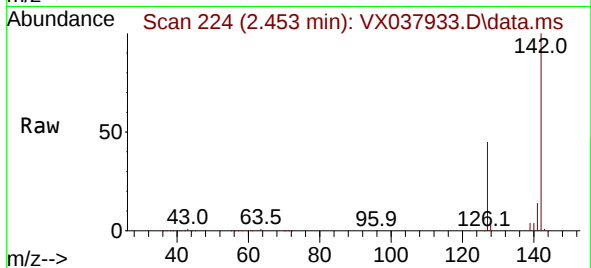
Tgt Ion: 96 Resp: 235431
Ion Ratio Lower Upper
96 100
61 147.4 127.2 190.8
98 63.8 52.7 79.1





#11
Methyl Iodide
Concen: 100.383 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

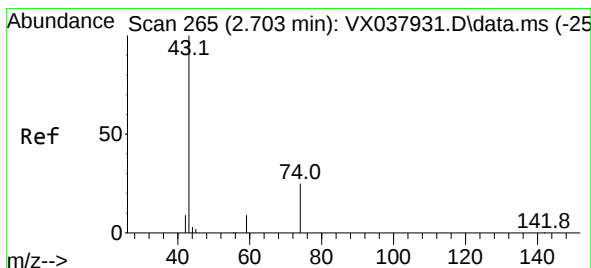
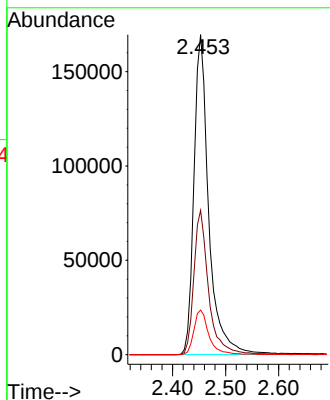
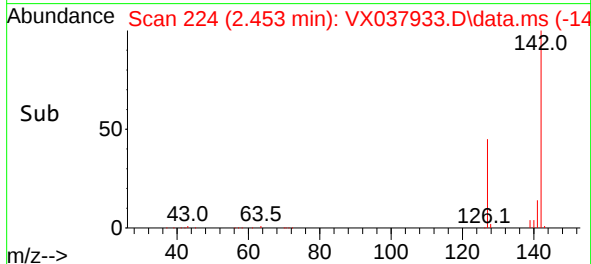
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:142 Resp: 32858
Ion Ratio Lower Upper
142 100
127 45.1 22.9 68.8
141 14.0 7.5 22.6

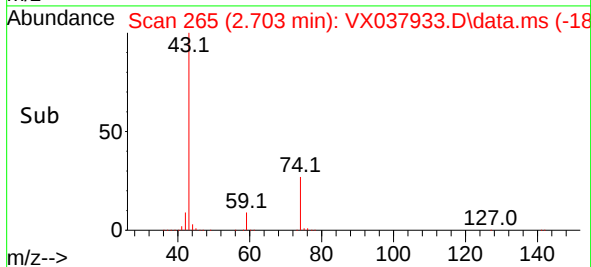
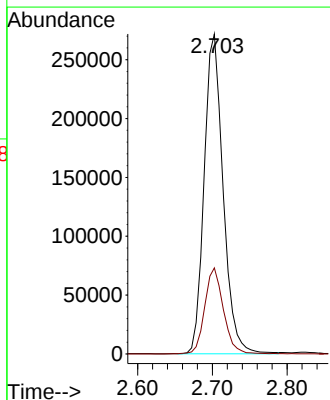
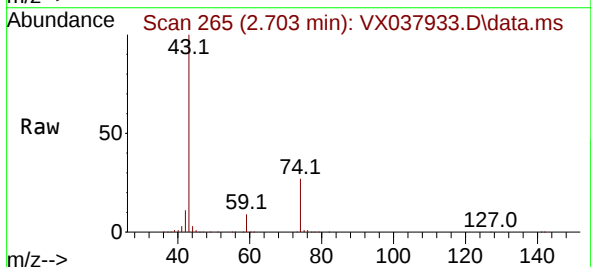
Manual Integrations
APPROVED

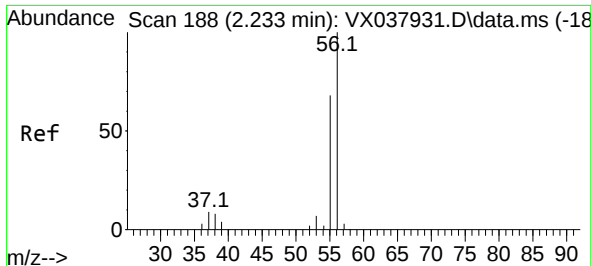
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#12
Methyl Acetate
Concen: 97.253 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

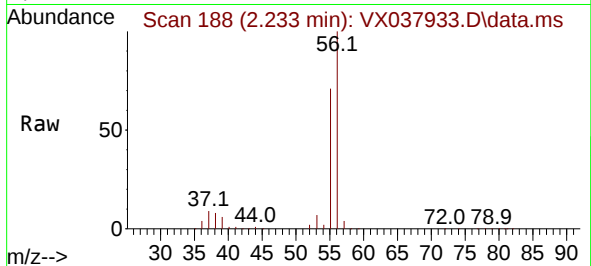
Tgt Ion: 43 Resp: 478094
Ion Ratio Lower Upper
43 100
74 26.9 20.3 30.5





#13
Acrolein
Concen: 499.451 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

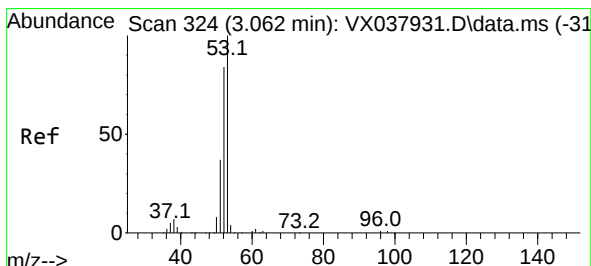
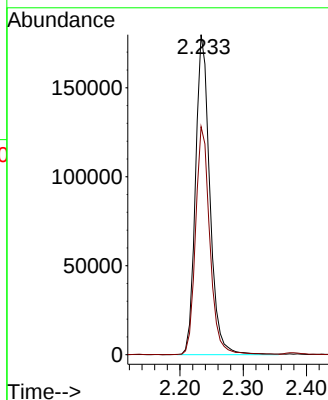
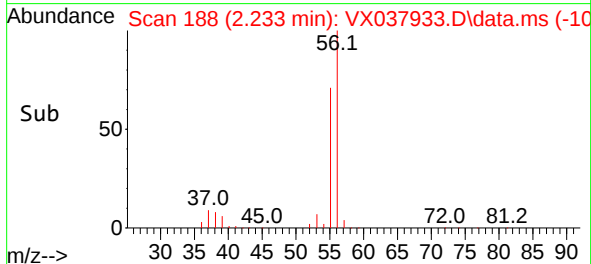
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 283335
Ion Ratio Lower Upper
56 100
55 71.1 59.7 89.5

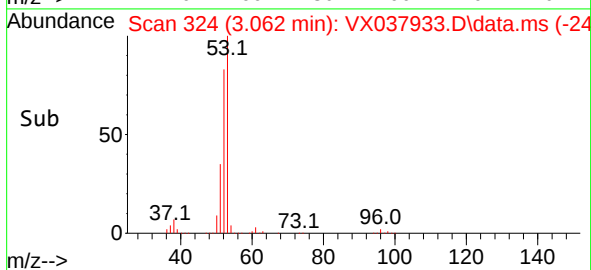
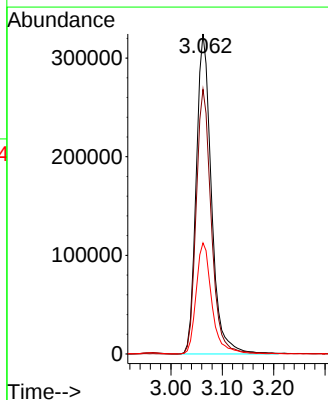
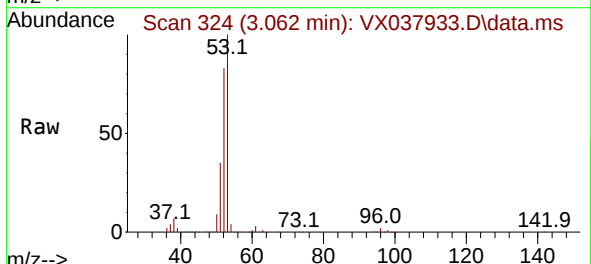
Manual Integrations
APPROVED

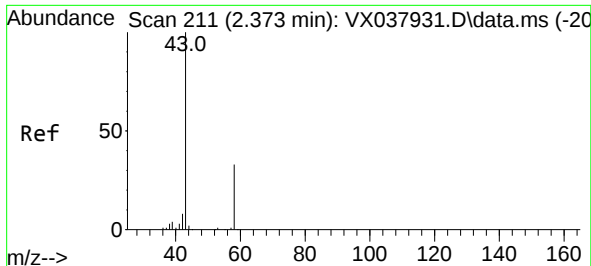
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#14
Acrylonitrile
Concen: 490.495 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

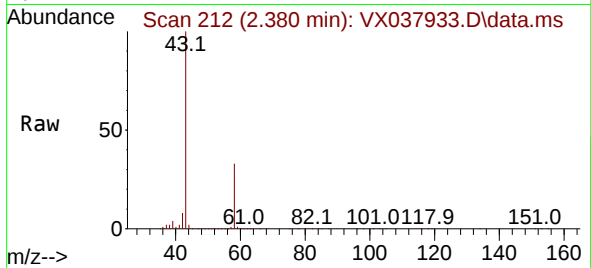
Tgt Ion: 53 Resp: 665754
Ion Ratio Lower Upper
53 100
52 82.4 40.0 119.9
51 35.8 18.2 54.6





#15
Acetone
Concen: 467.161 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

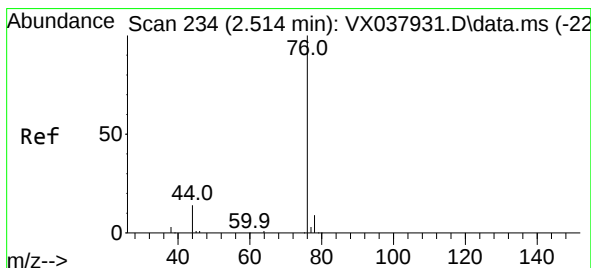
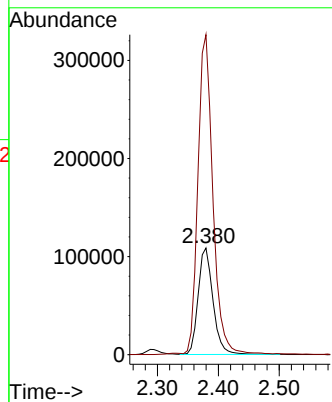
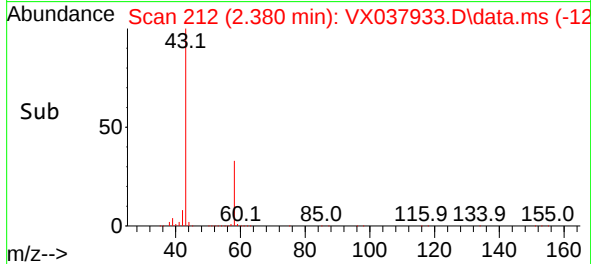
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 58 Resp: 18341
Ion Ratio Lower Upper
58 100
43 299.8 261.0 391.4

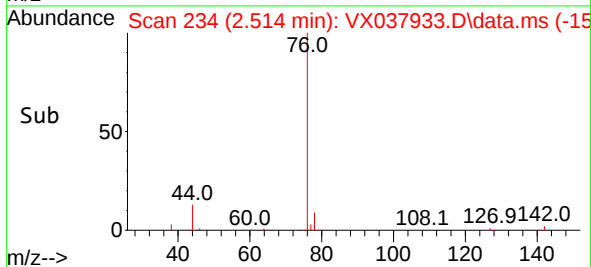
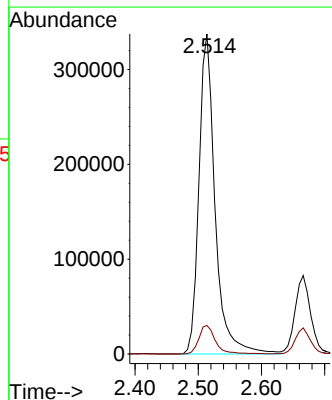
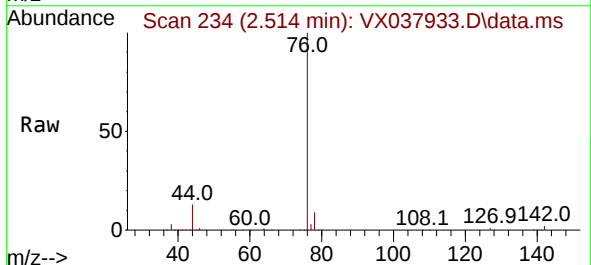
Manual Integrations
APPROVED

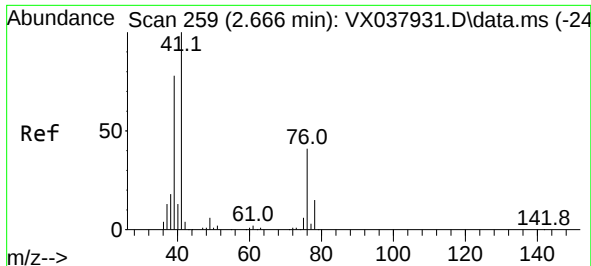
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#16
Carbon Disulfide
Concen: 101.515 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 76 Resp: 599122
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0





#17

Allyl chloride

Concen: 98.753 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 36566

Ion Ratio Lower Upper

41 100

39 74.5 38.5 115.3

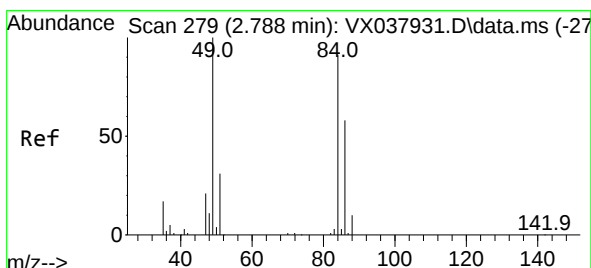
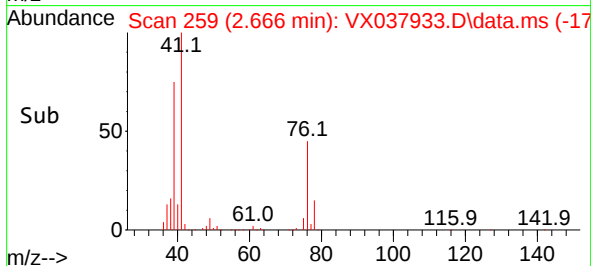
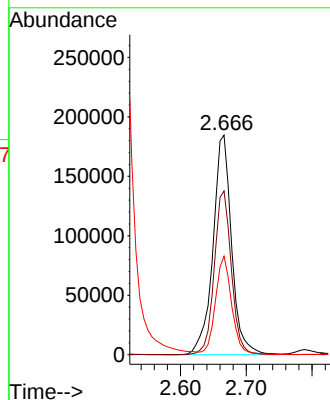
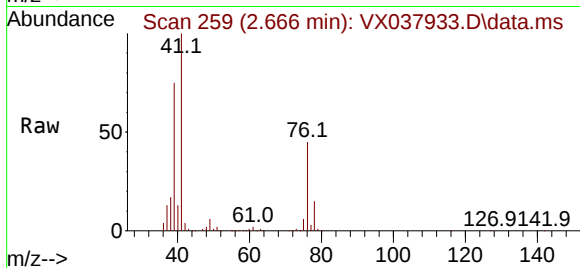
76 44.7 18.6 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#18

Methylene Chloride

Concen: 95.438 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Tgt Ion: 84 Resp: 276653

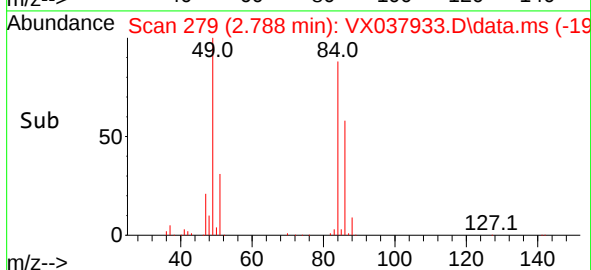
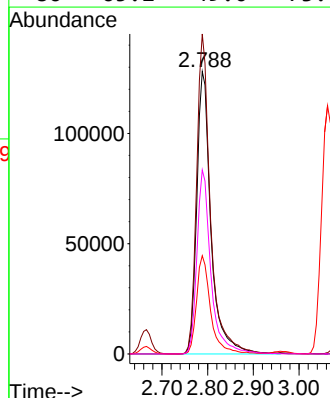
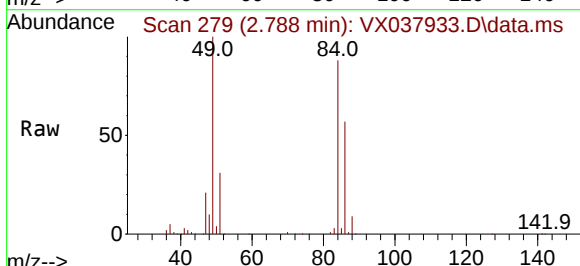
Ion Ratio Lower Upper

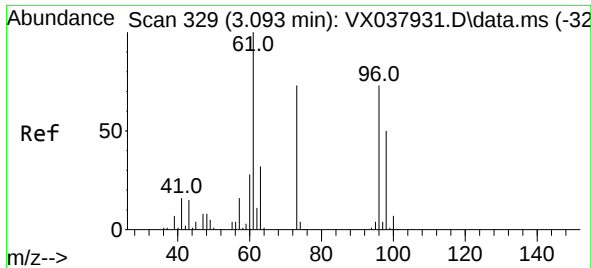
84 100

49 113.3 95.4 143.0

51 34.7 28.3 42.5

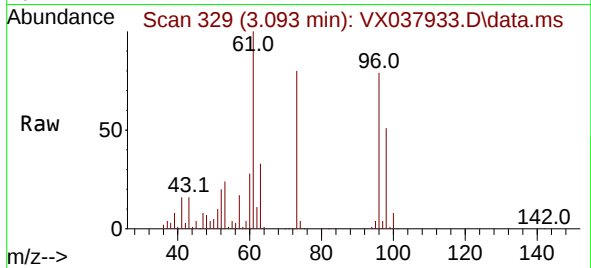
86 65.2 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 97.446 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

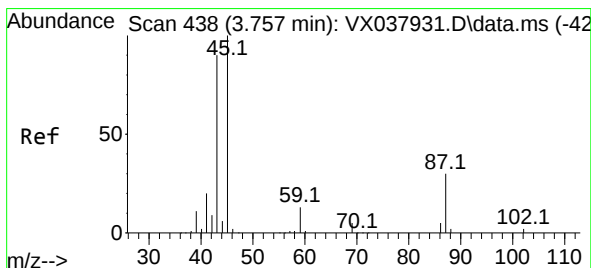
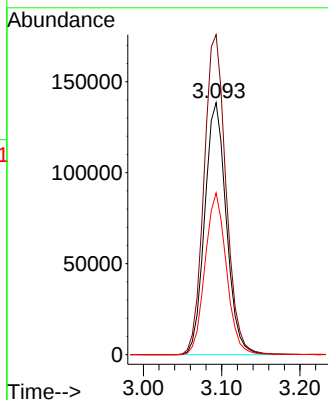
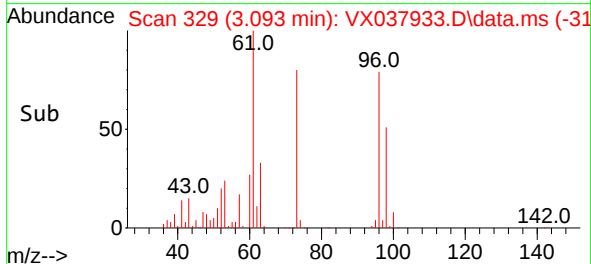
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



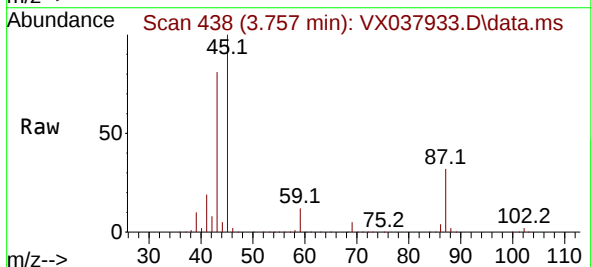
Tgt Ion: 96 Resp: 265630
Ion Ratio Lower Upper
96 100
61 126.9 108.7 163.1
98 64.2 49.1 73.7

Manual Integrations
APPROVED

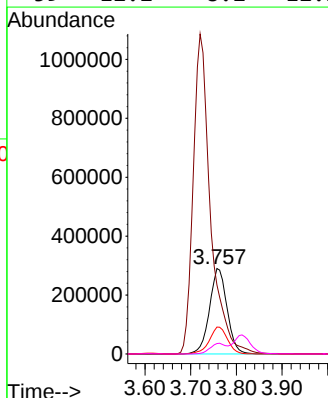
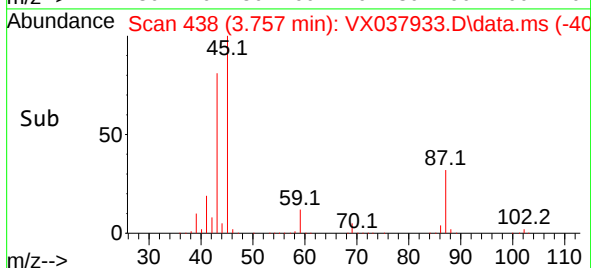
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

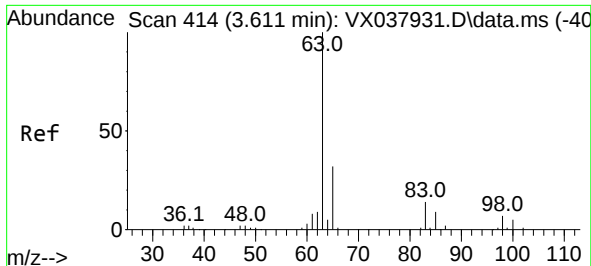


#20
Diisopropyl ether
Concen: 97.999 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36



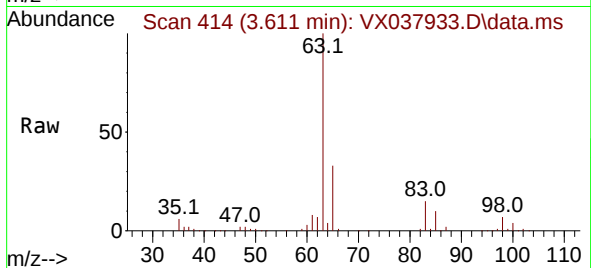
Tgt Ion: 45 Resp: 774688
Ion Ratio Lower Upper
45 100
43 80.6 55.8 83.6
87 31.5 23.0 34.4
59 12.2 8.2 12.2





#21
1,1-Dichloroethane
Concen: 97.401 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

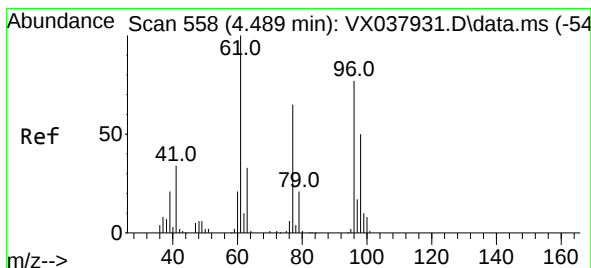
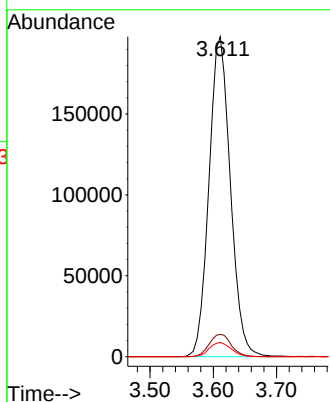
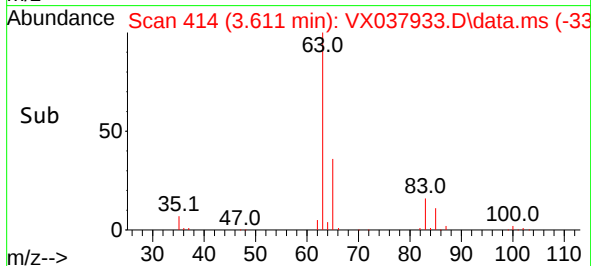
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



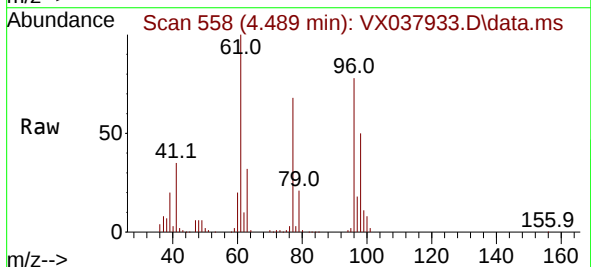
Tgt Ion: 63 Resp: 465199
Ion Ratio Lower Upper
63 100
98 7.0 3.2 9.6
100 4.4 2.3 6.8

Manual Integrations
APPROVED

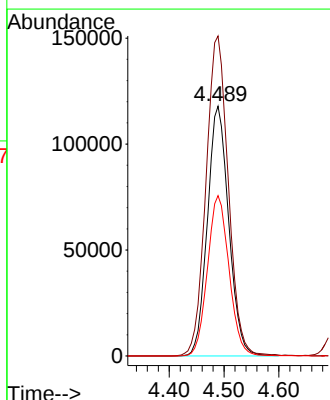
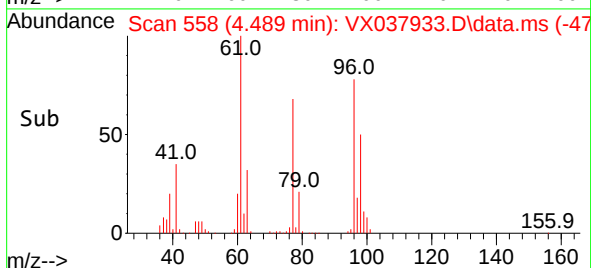
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

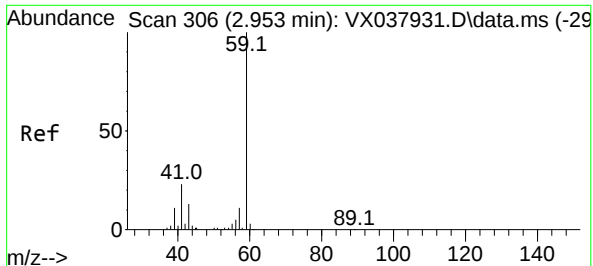


#22
cis-1,2-Dichloroethene
Concen: 98.282 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36



Tgt Ion: 96 Resp: 318107
Ion Ratio Lower Upper
96 100
61 134.2 114.0 171.0
98 65.0 51.6 77.4





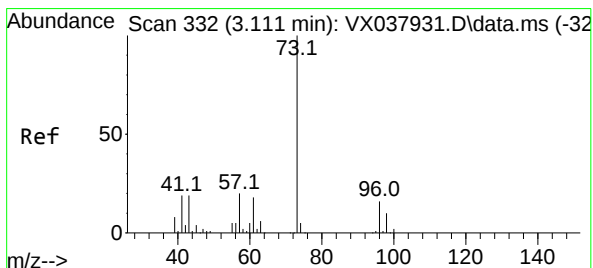
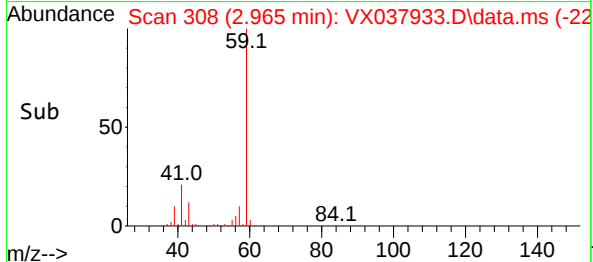
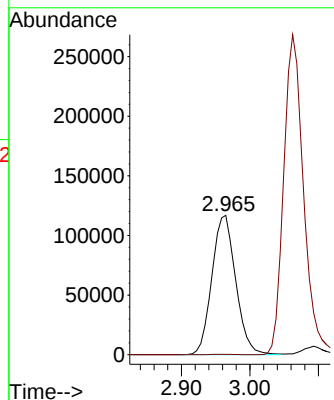
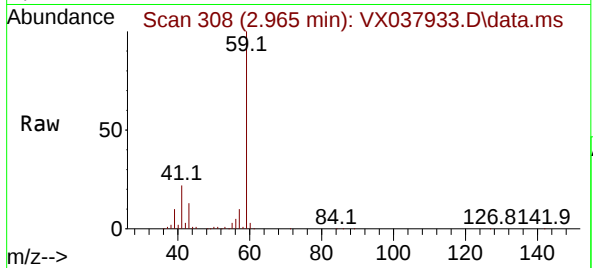
#23
tert-Butyl Alcohol
Concen: 498.555 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 282259
Ion Ratio Lower Upper
59 100
52 0.1 142.6 213.8

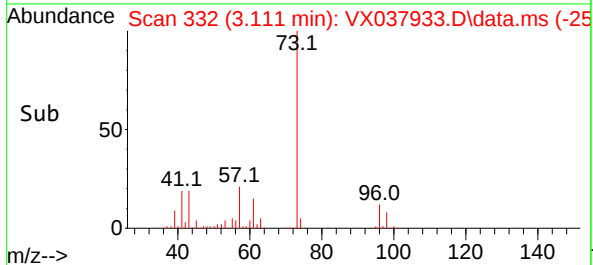
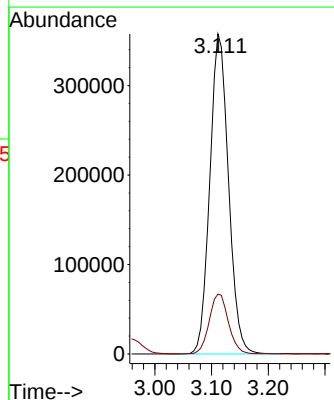
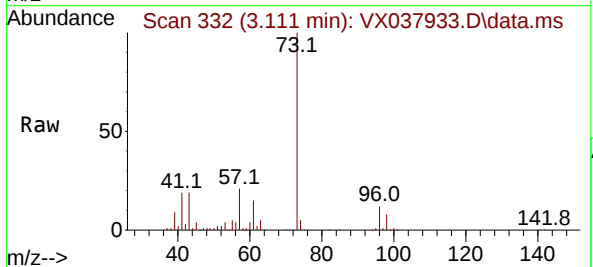
Manual Integrations
APPROVED

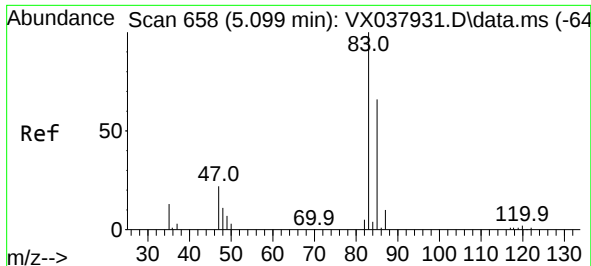
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#24
Methyl tert-Butyl Ether
Concen: 97.724 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 73 Resp: 818081
Ion Ratio Lower Upper
73 100
43 19.1 16.8 25.2





#25

Chloroform

Concen: 97.806 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 51373

Ion Ratio Lower Upper

83 100

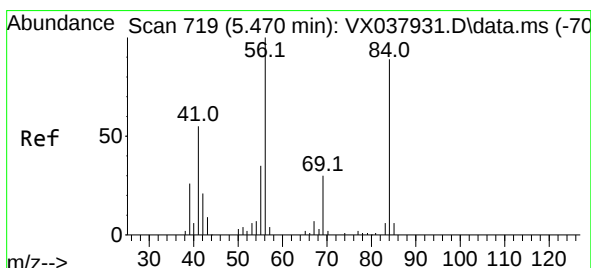
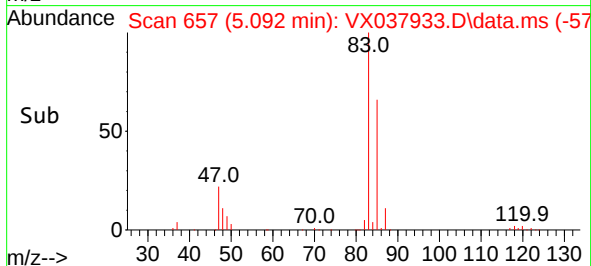
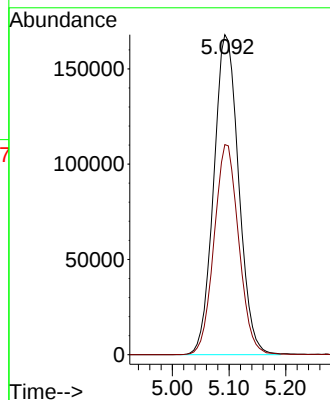
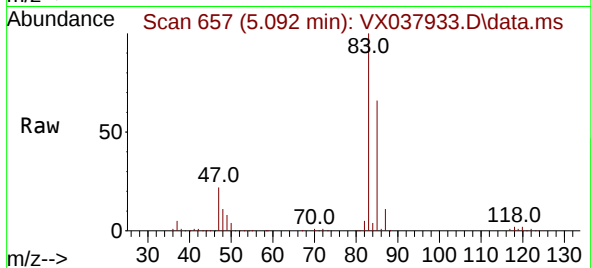
85 65.6 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#26

Cyclohexane

Concen: 97.596 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

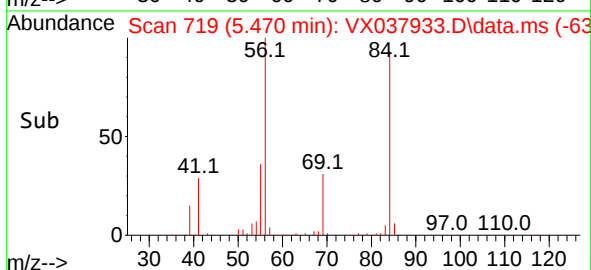
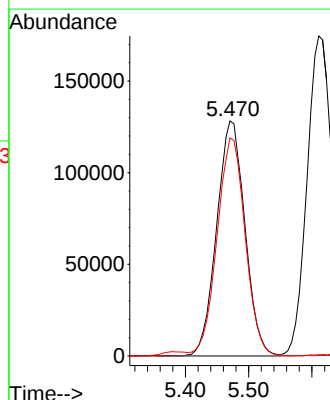
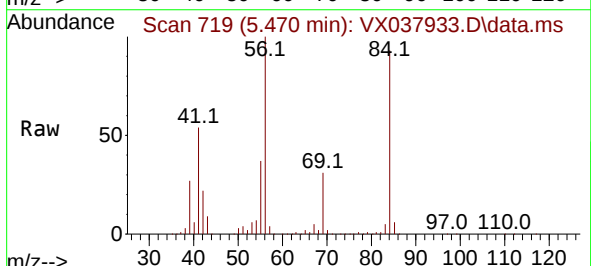
Tgt Ion: 56 Resp: 396690

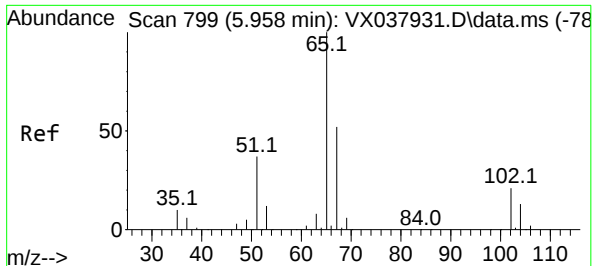
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.6 71.4 107.2





#27
1,2-Dichloroethane-d4
Concen: 29.801 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

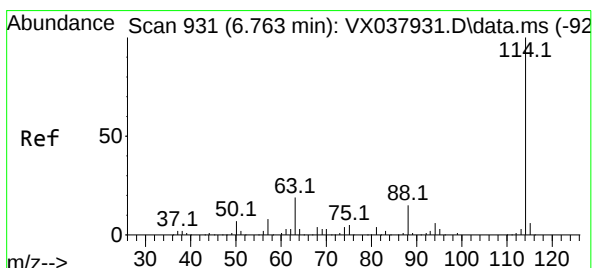
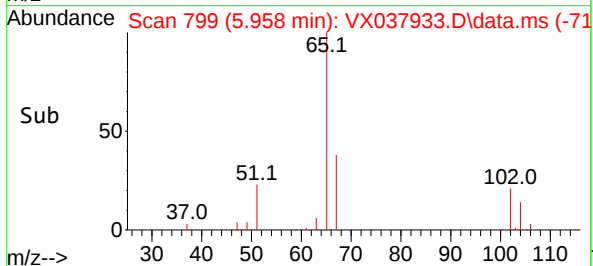
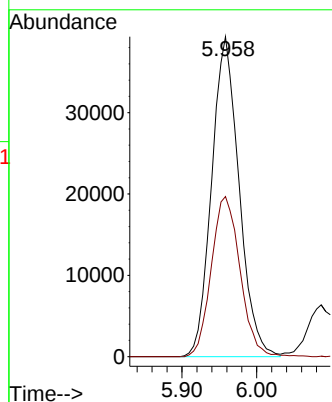
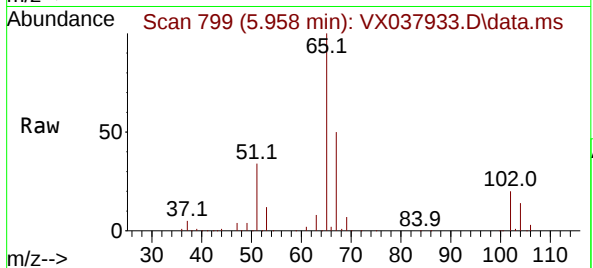
VSTDIC100

Tgt Ion: 65 Resp: 100349
Ion Ratio Lower Upper
65 100
67 52.6 42.1 63.1

Manual Integrations

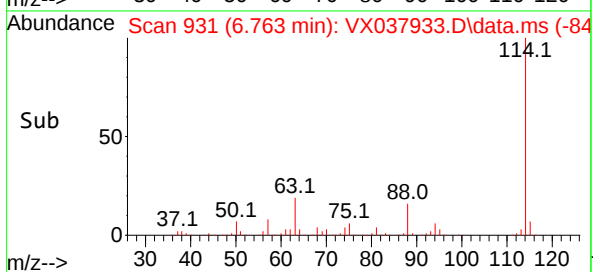
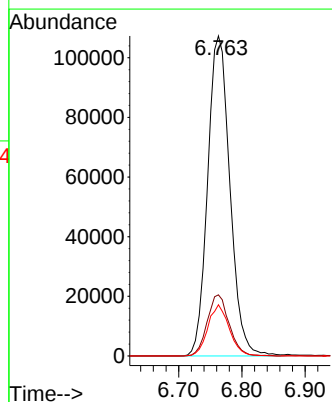
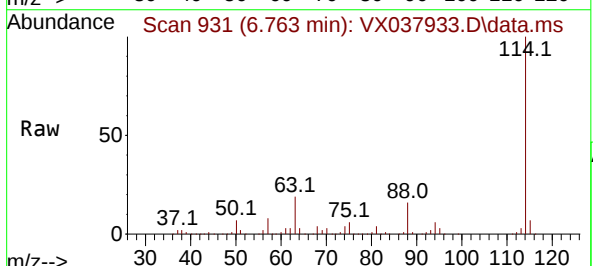
APPROVED

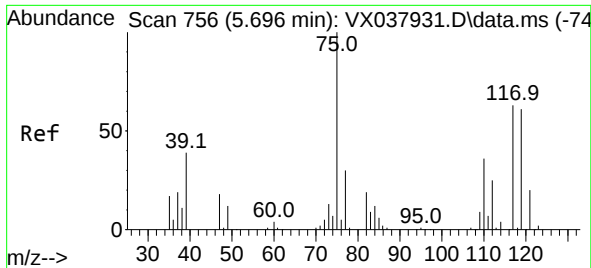
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion:114 Resp: 262636
Ion Ratio Lower Upper
114 100
63 18.7 16.6 24.8
88 15.4 12.9 19.3





#29

1,1-Dichloropropene

Concen: 98.255 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 37302

Ion Ratio Lower Upper

75 100

110 37.8 0.0 70.4

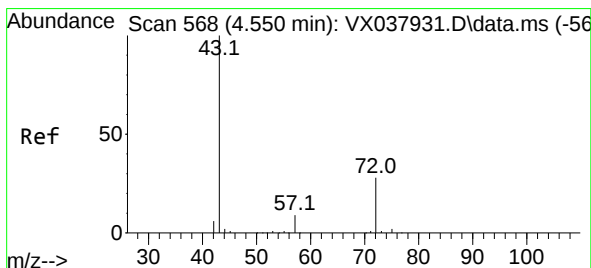
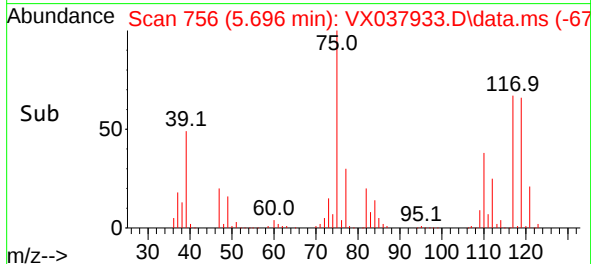
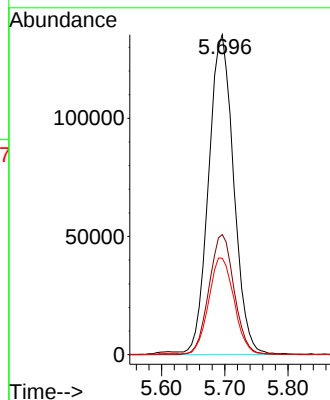
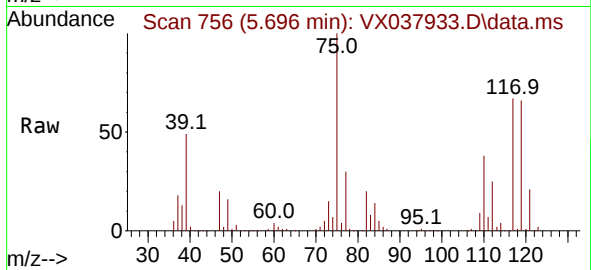
77 30.7 0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#30

2-Butanone

Concen: 485.762 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.006 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

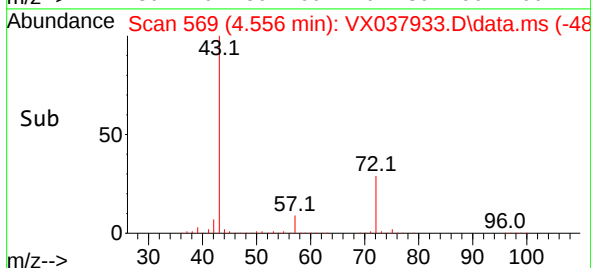
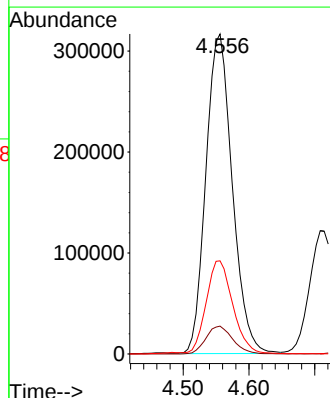
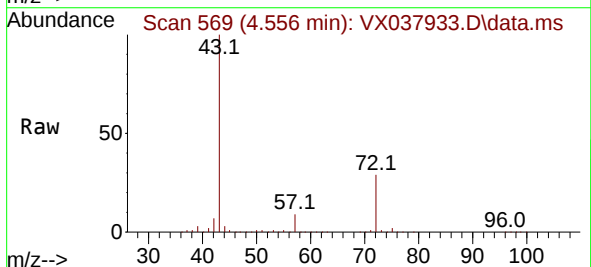
Tgt Ion: 43 Resp: 885057

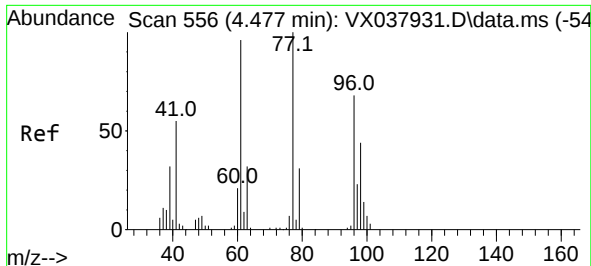
Ion Ratio Lower Upper

43 100

57 8.9 6.4 9.6

72 29.5 21.6 32.4





#31

2,2-Dichloropropane

Concen: 99.557 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 380770

Ion Ratio Lower Upper

77 100

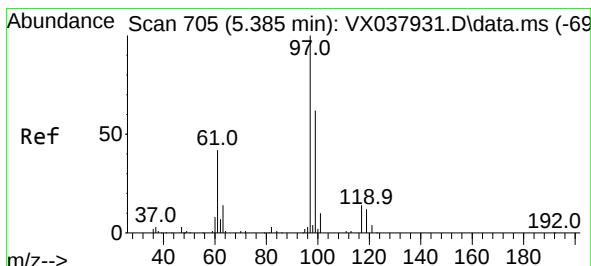
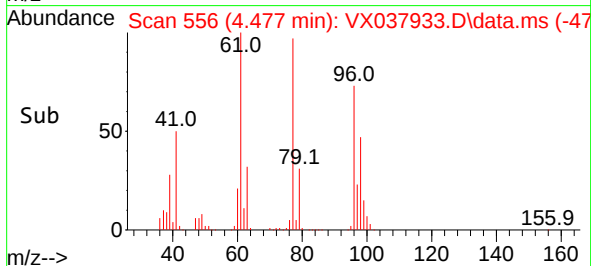
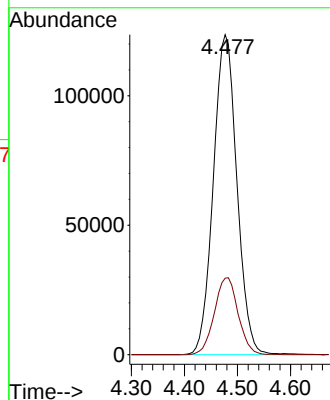
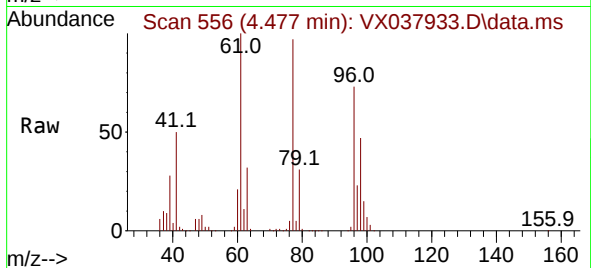
97 24.2 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#32

1,1,1-Trichloroethane

Concen: 99.562 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

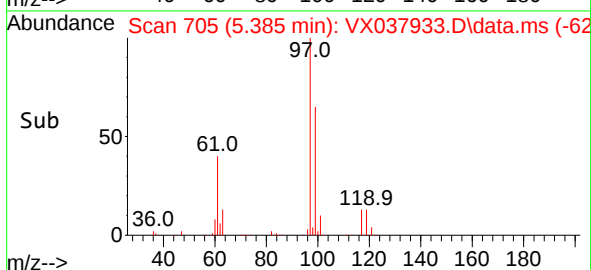
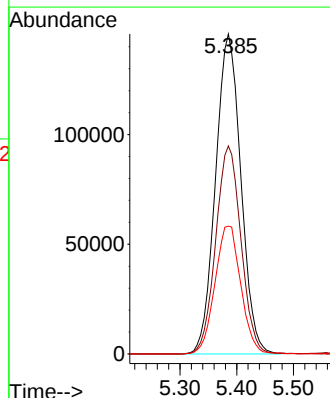
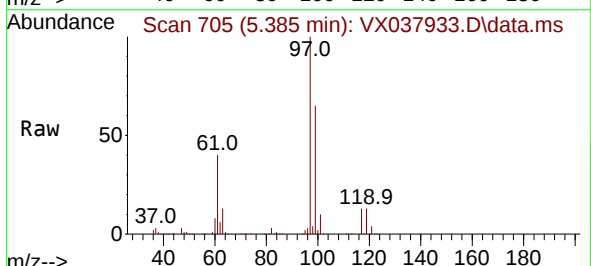
Tgt Ion: 97 Resp: 452929

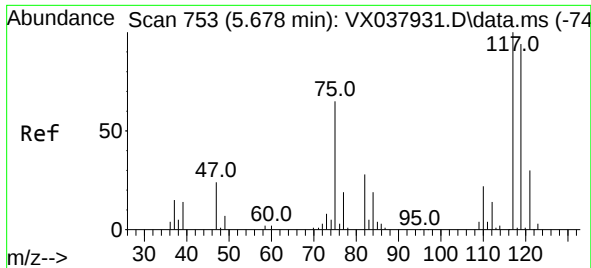
Ion Ratio Lower Upper

97 100

99 64.8 51.5 77.3

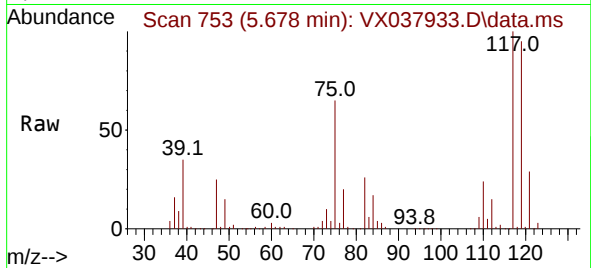
61 40.7 35.8 53.8





#33
Carbon Tetrachloride
Concen: 102.732 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

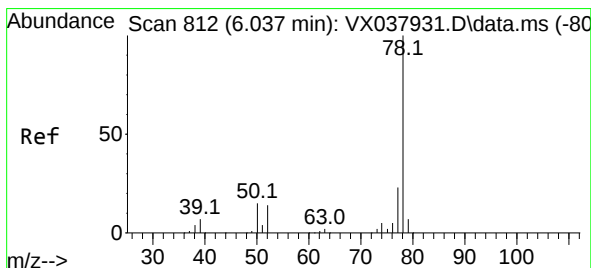
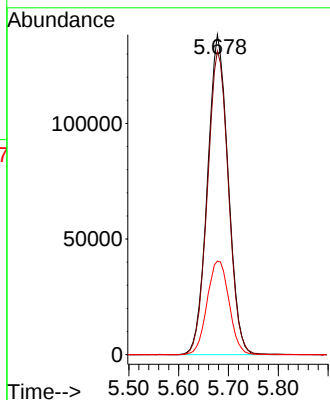
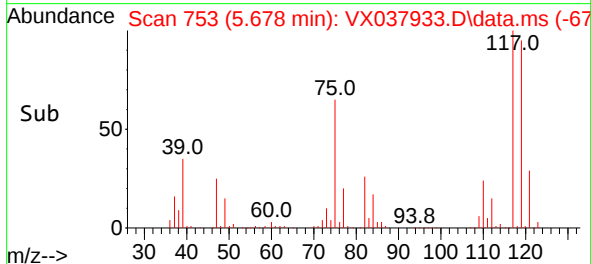
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



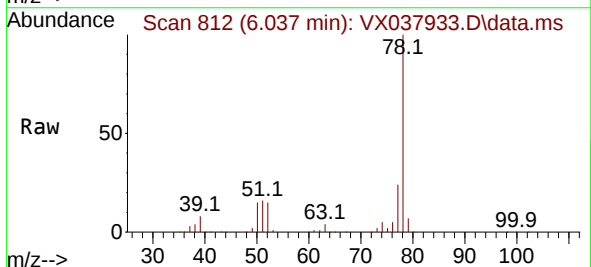
Tgt Ion:117 Resp: 400060
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0
121 29.3 26.5 39.7

Manual Integrations
APPROVED

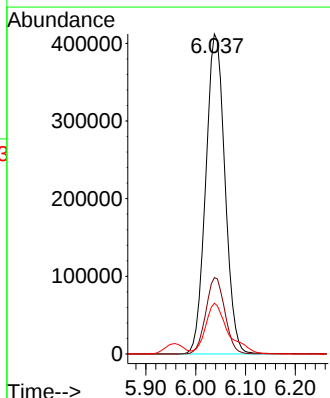
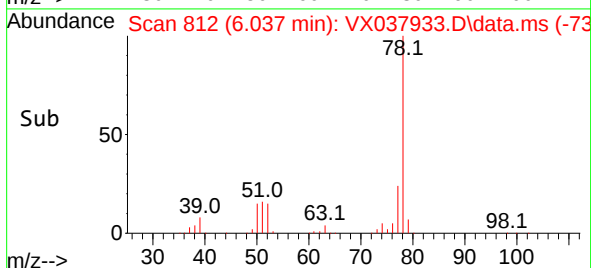
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

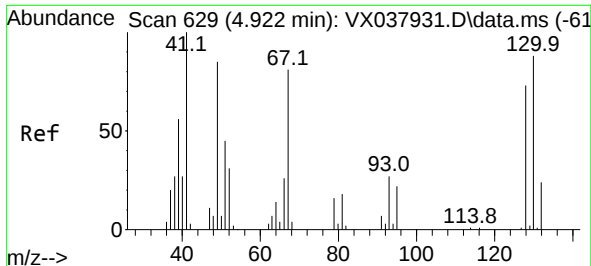


#34
Benzene
Concen: 97.126 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36



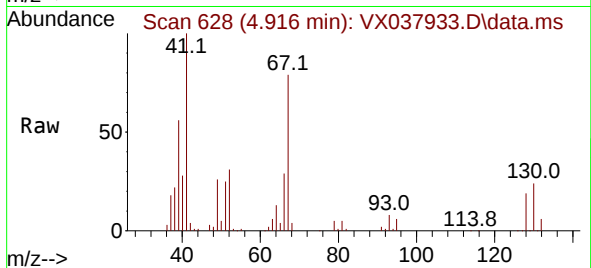
Tgt Ion: 78 Resp: 1101536
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1
51 15.8 14.2 21.4





#35
Methacrylonitrile
Concen: 99.573 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

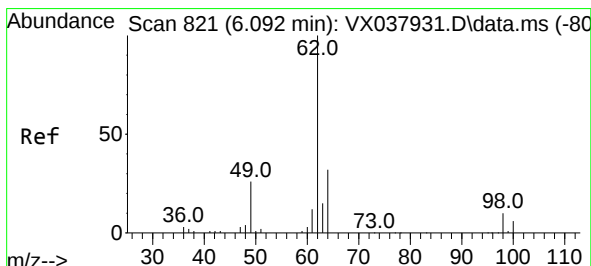
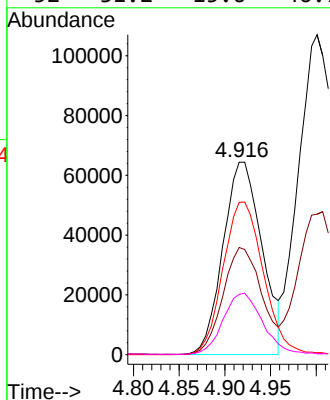
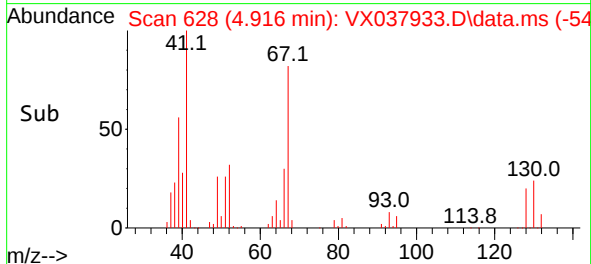
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 190738
Ion Ratio Lower Upper
41 100
39 55.6 28.2 84.7
67 79.1 35.0 105.1
52 31.2 15.6 46.7

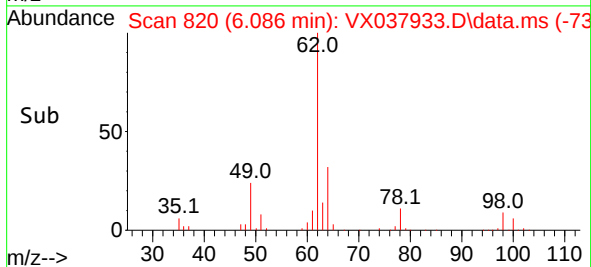
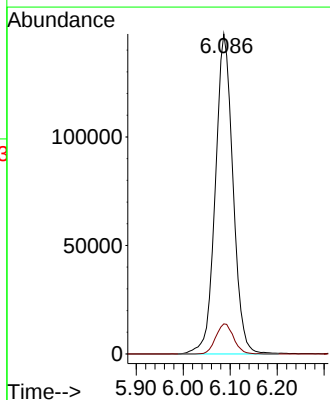
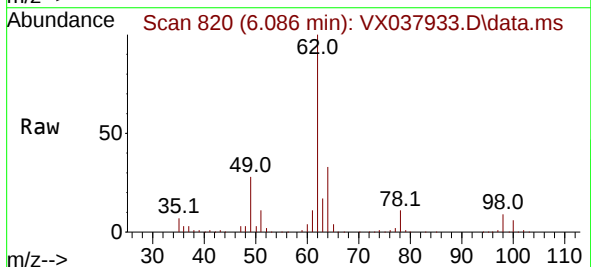
Manual Integrations
APPROVED

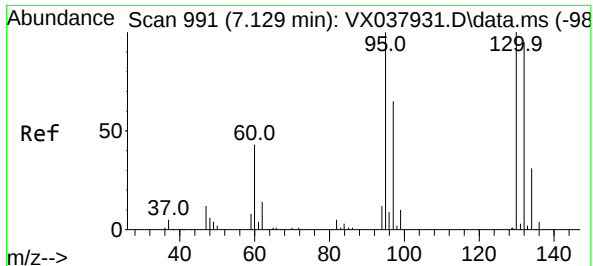
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#36
1,2-Dichloroethane
Concen: 96.072 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

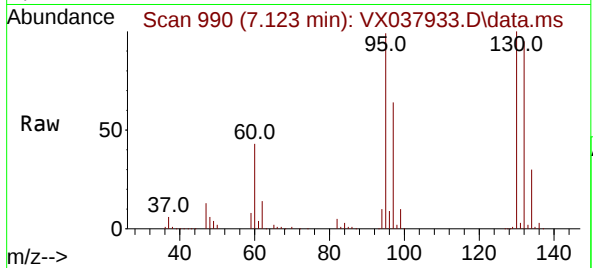
Tgt Ion: 62 Resp: 385435
Ion Ratio Lower Upper
62 100
98 9.5 7.0 10.6





#37
Trichloroethene
Concen: 98.003 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

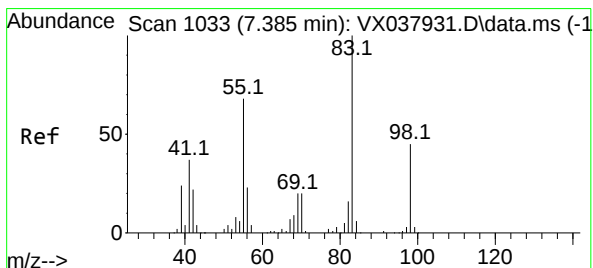
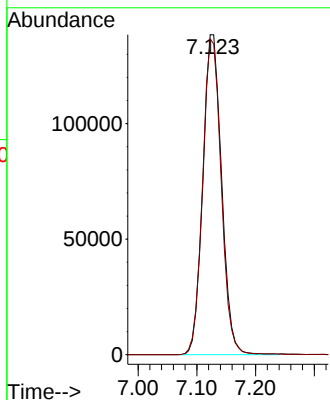
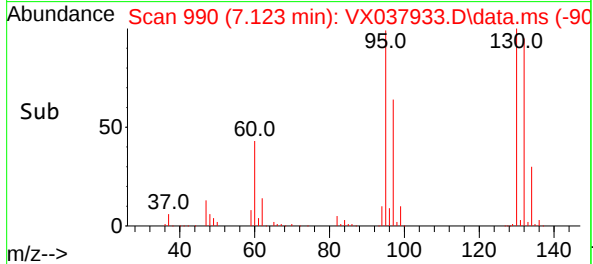
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:130 Resp: 306624
Ion Ratio Lower Upper
130 100
95 98.7 83.2 124.8

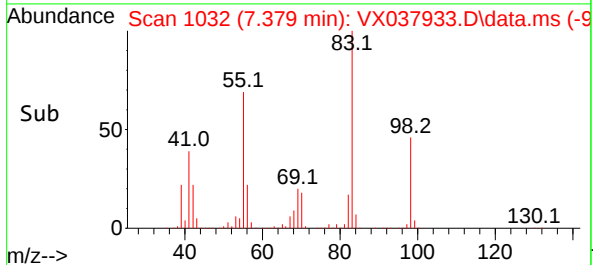
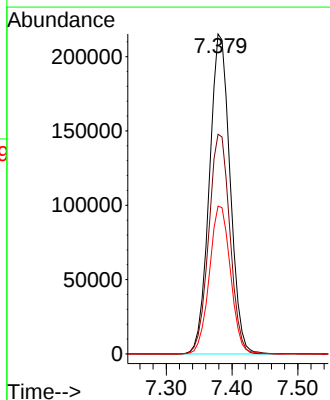
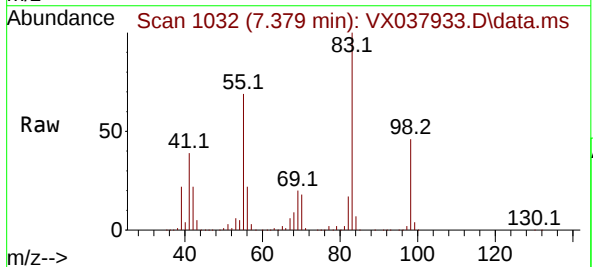
Manual Integrations
APPROVED

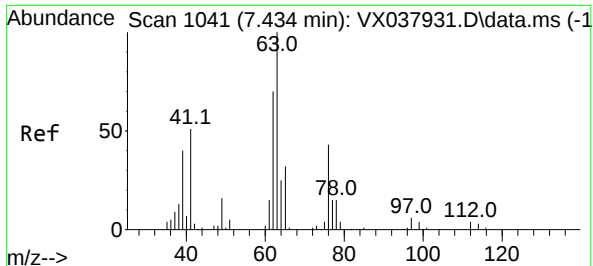
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#38
Methylcyclohexane
Concen: 98.882 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 83 Resp: 471858
Ion Ratio Lower Upper
83 100
55 70.0 38.1 114.5
98 47.1 24.4 73.4





#39

1,2-Dichloropropane

Concen: 97.233 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 28212

Ion Ratio Lower Upper

63 100

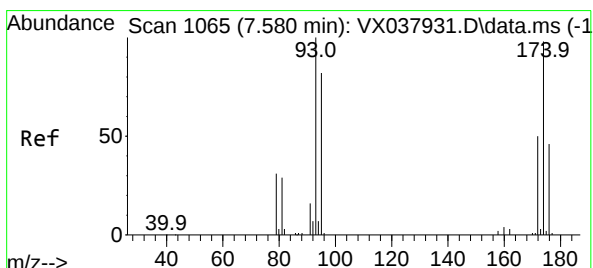
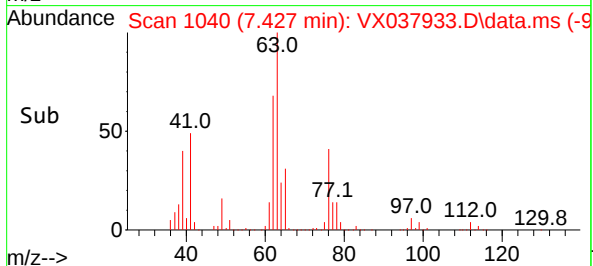
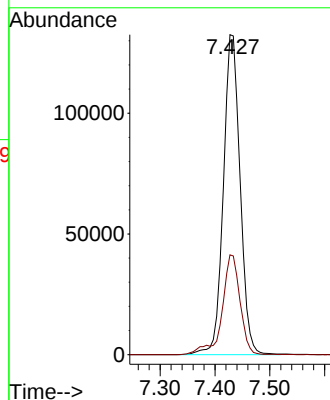
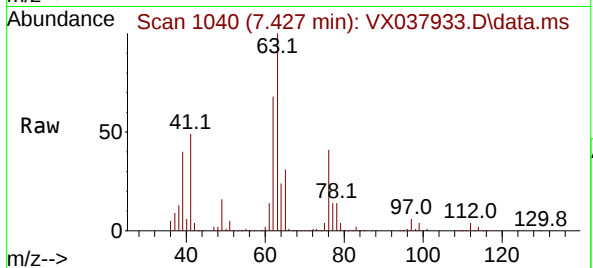
65 31.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#40

Dibromomethane

Concen: 98.546 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

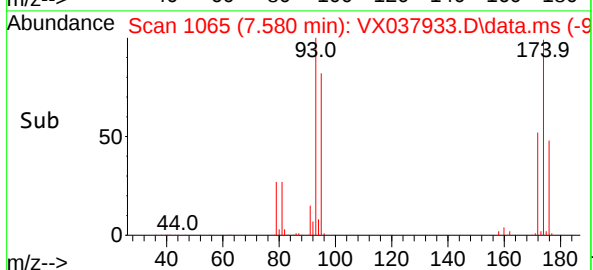
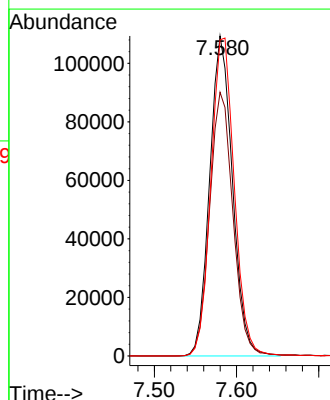
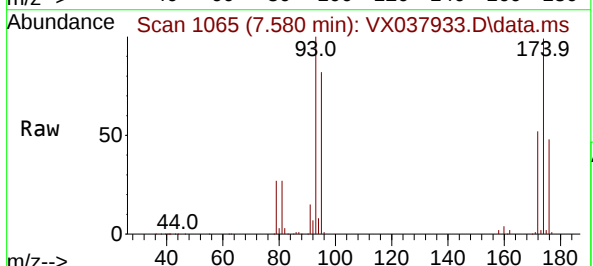
Tgt Ion: 93 Resp: 210985

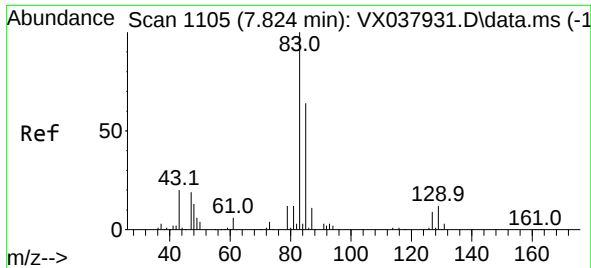
Ion Ratio Lower Upper

93 100

95 84.2 0.0 166.8

174 101.9 0.0 191.6





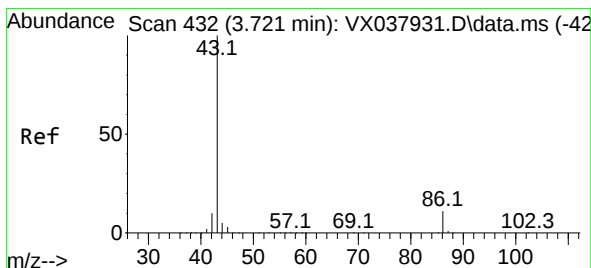
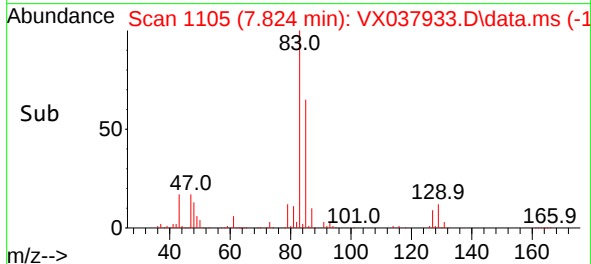
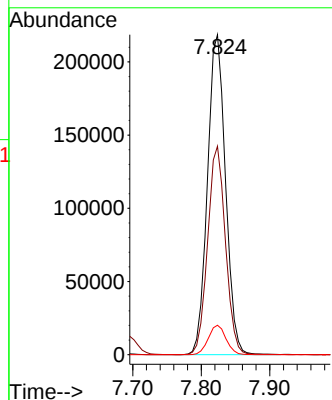
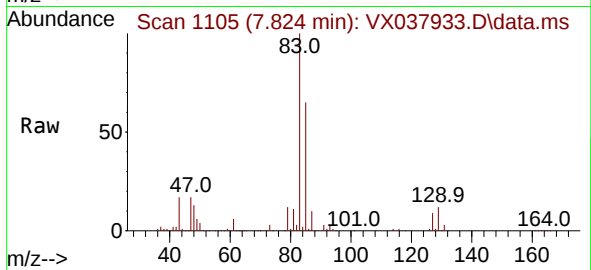
#41
Bromodichloromethane
Concen: 102.397 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 400254
Ion Ratio Lower Upper
83 100
85 65.2 51.5 77.3
127 9.2 6.4 9.6

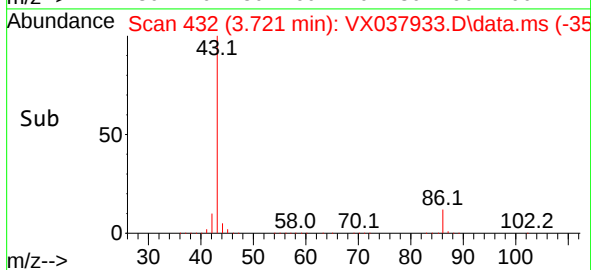
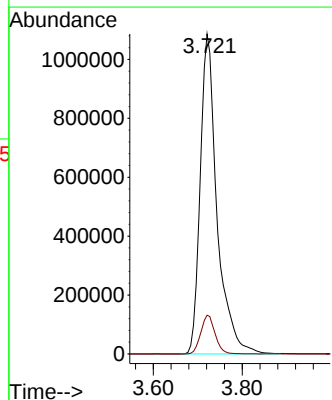
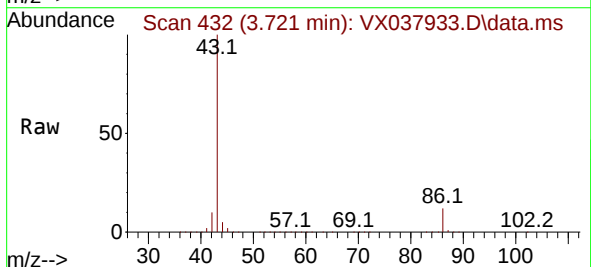
Manual Integrations
APPROVED

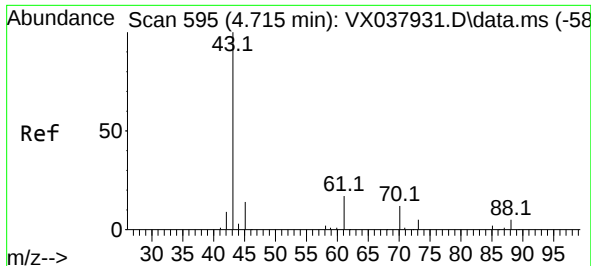
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#42
Vinyl Acetate
Concen: 498.294 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

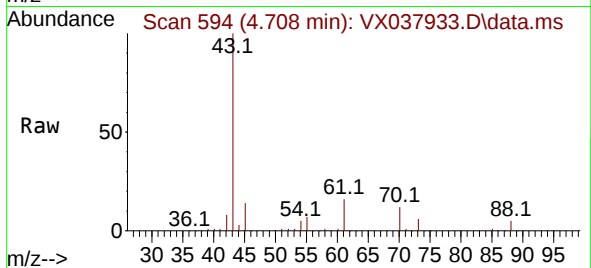
Tgt Ion: 43 Resp: 2862007
Ion Ratio Lower Upper
43 100
86 10.3 7.4 11.0





#43
Ethyl Acetate
Concen: 98.894 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

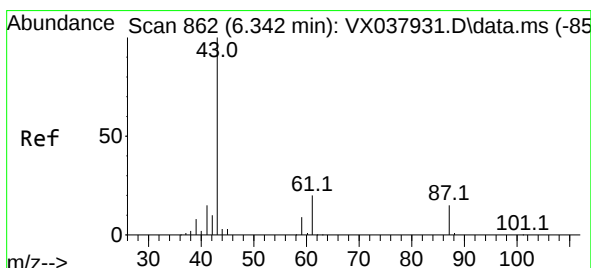
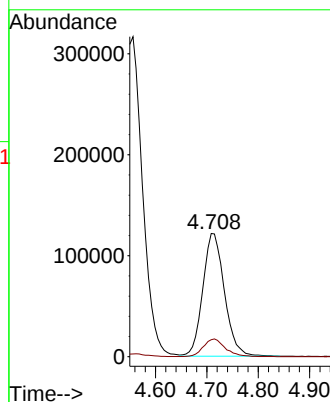
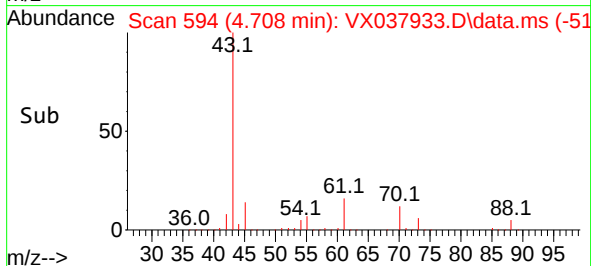
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 356209
Ion Ratio Lower Upper
43 100
45 14.5 12.6 18.8

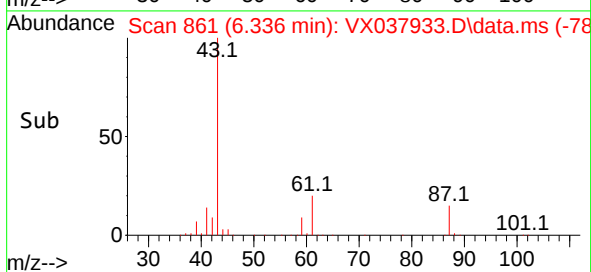
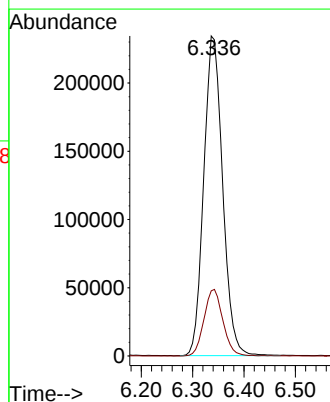
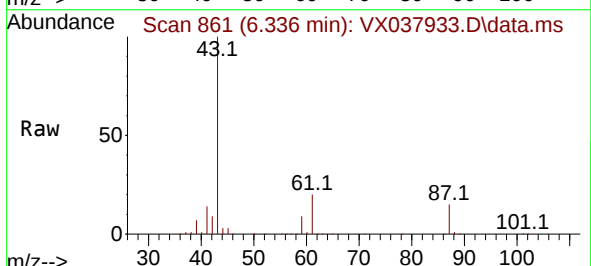
Manual Integrations
APPROVED

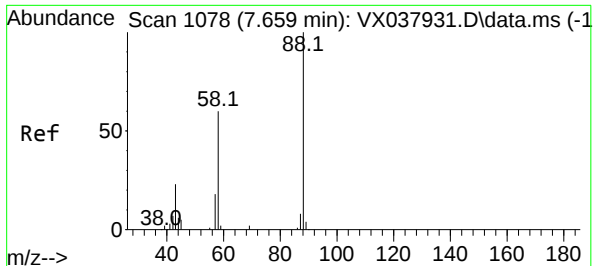
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#44
Isopropyl Acetate
Concen: 100.380 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

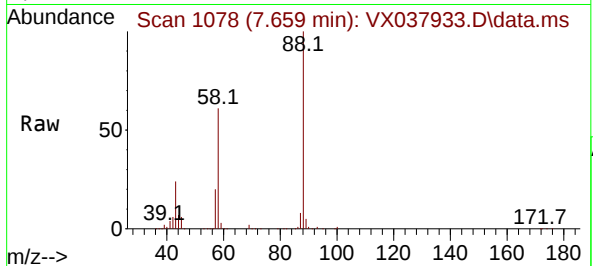
Tgt Ion: 43 Resp: 598155
Ion Ratio Lower Upper
43 100
61 20.8 15.4 23.0





#45
1,4-Dioxane
Concen: 2024.021 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

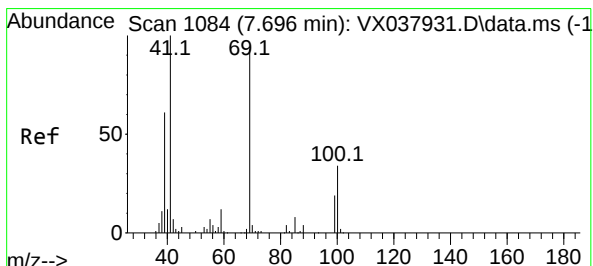
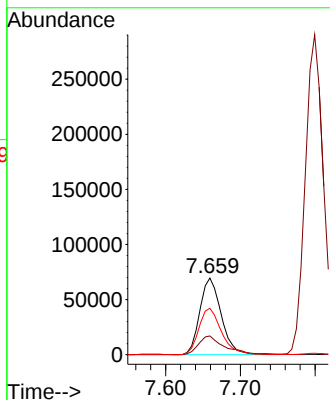
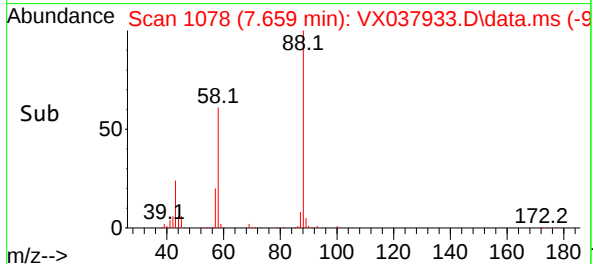
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC100



Tgt Ion: 88 Resp: 138983
Ion Ratio Lower Upper
88 100
43 28.5 297.5 446.3
58 63.7 1.0 1.4

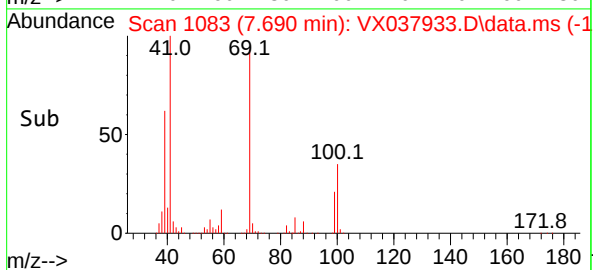
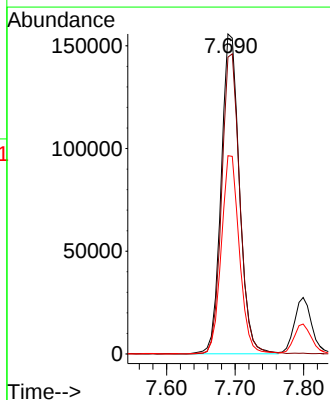
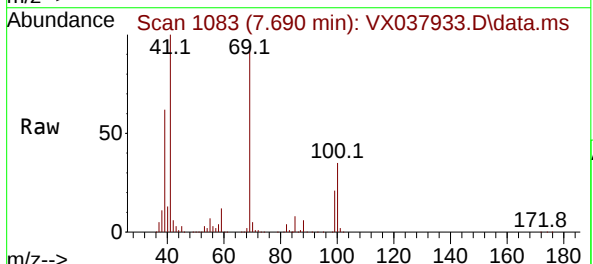
Manual Integrations
APPROVED

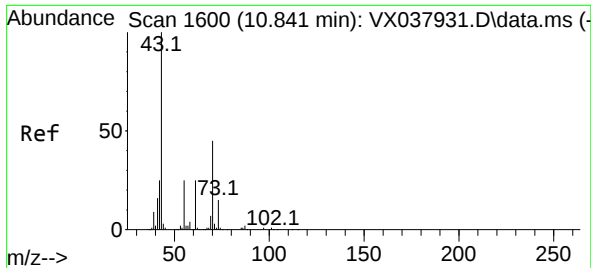
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#46
Methyl methacrylate
Concen: 101.479 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

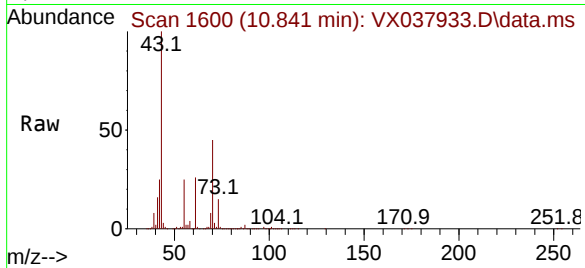
Tgt Ion: 41 Resp: 287450
Ion Ratio Lower Upper
41 100
69 92.8 44.4 133.1
39 61.9 34.9 104.7





#47
n-amy1 Acetate
Concen: 104.618 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

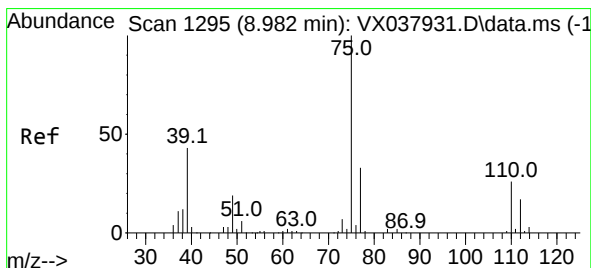
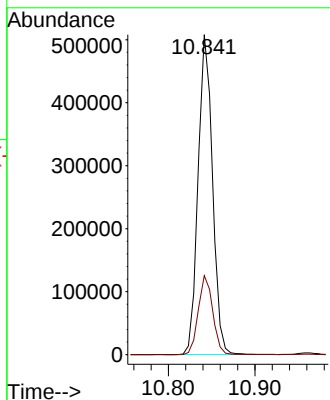
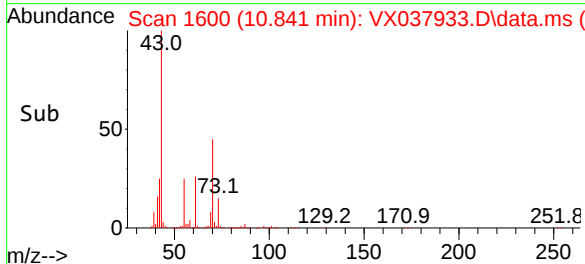
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 586519
Ion Ratio Lower Upper
43 100
55 24.9 18.6 28.0

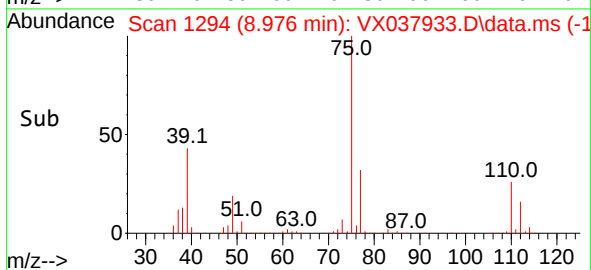
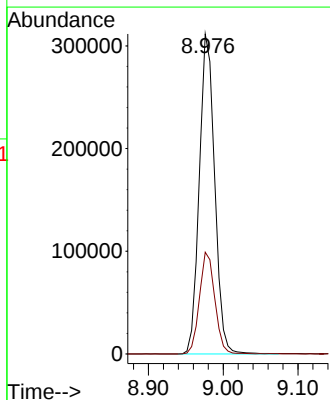
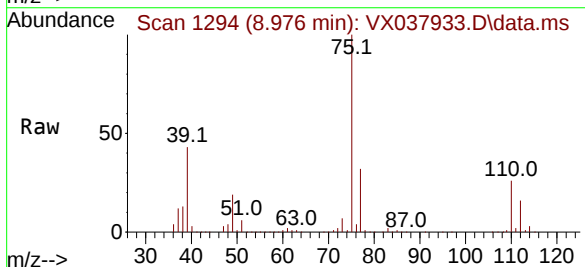
Manual Integrations
APPROVED

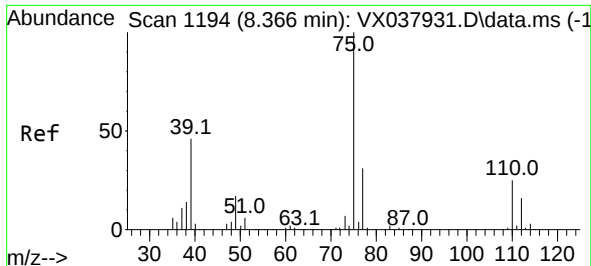
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#48
t-1,3-Dichloropropene
Concen: 104.893 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 75 Resp: 445410
Ion Ratio Lower Upper
75 100
77 31.8 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 102.928 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037933.D

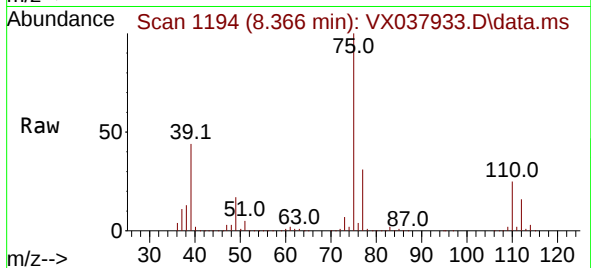
Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



Tgt Ion: 75 Resp: 469374

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

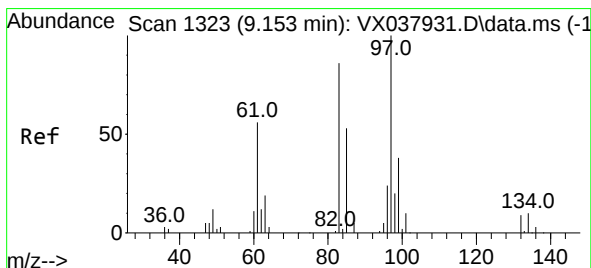
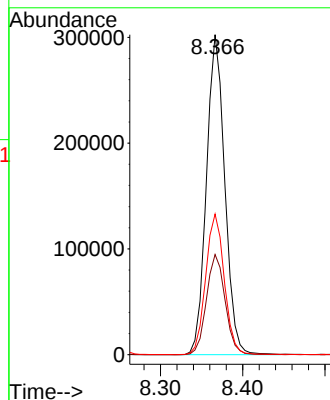
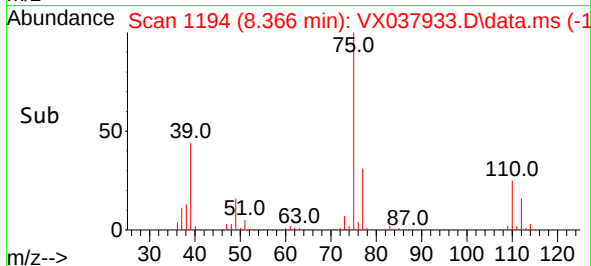
39 43.9 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#50

1,1,2-Trichloroethane

Concen: 98.520 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Tgt Ion: 97 Resp: 301426

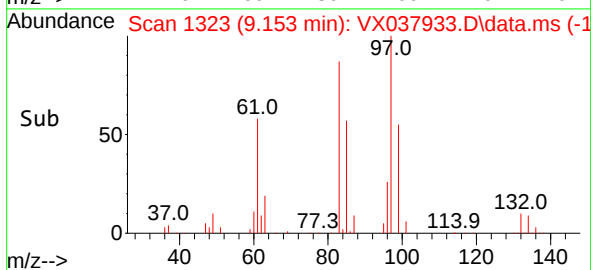
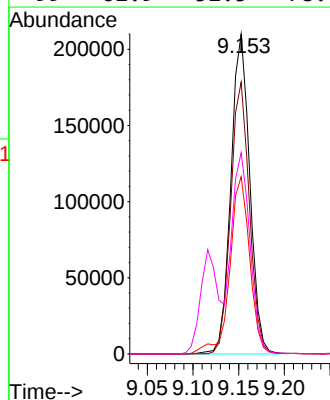
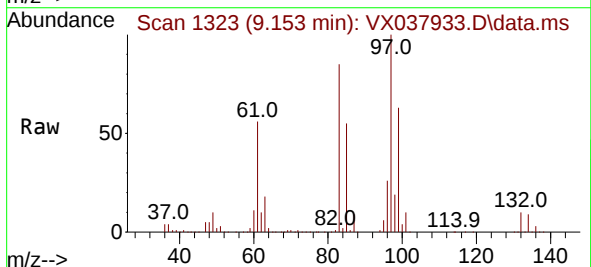
Ion Ratio Lower Upper

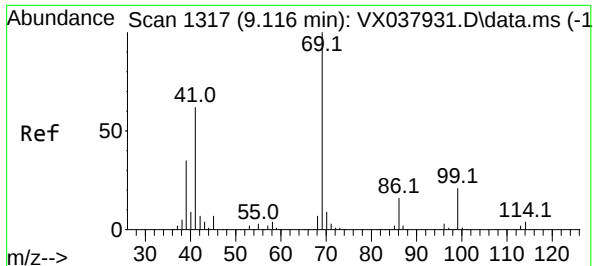
97 100

83 84.9 70.0 105.0

85 55.4 46.1 69.1

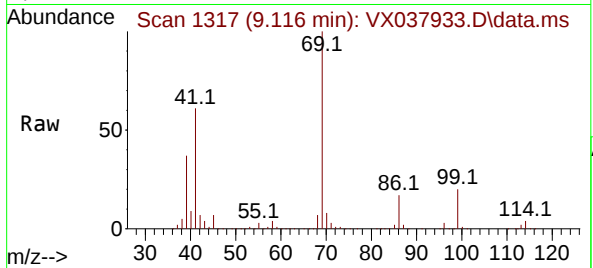
99 62.9 52.5 78.7





#51
Ethyl methacrylate
Concen: 101.594 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

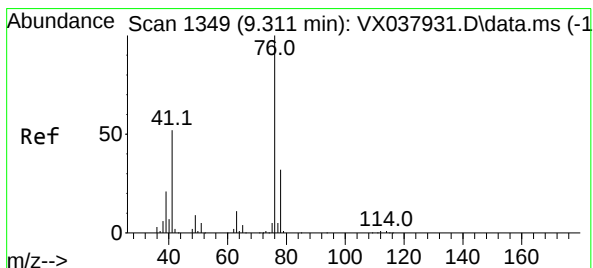
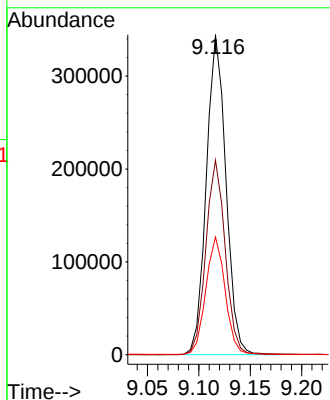
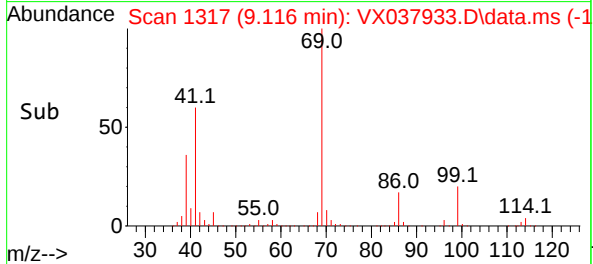
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 69 Resp: 457999
Ion Ratio Lower Upper
69 100
41 60.7 32.0 96.0
39 36.7 19.4 58.4

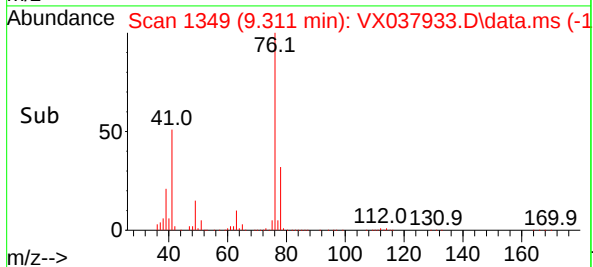
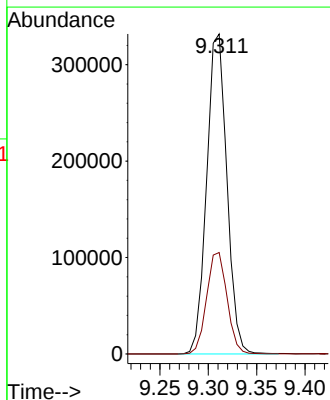
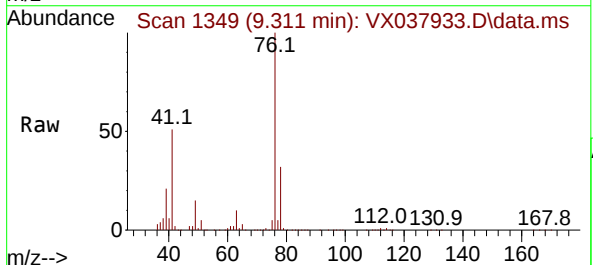
Manual Integrations
APPROVED

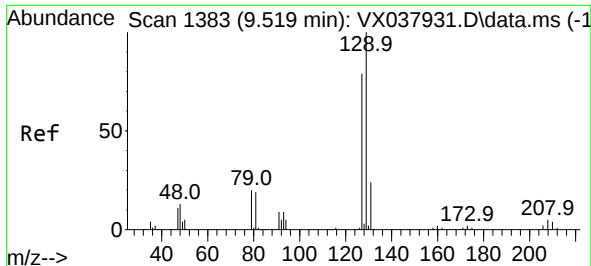
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#52
1,3-Dichloropropane
Concen: 98.461 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

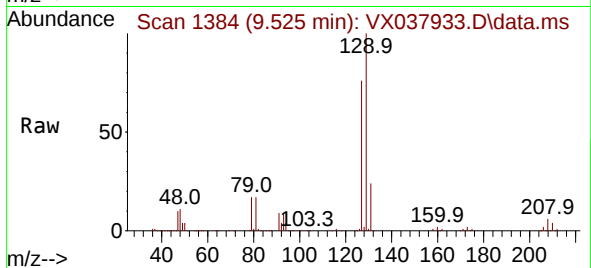
Tgt Ion: 76 Resp: 483239
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.6





#53
Dibromochloromethane
Concen: 106.026 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

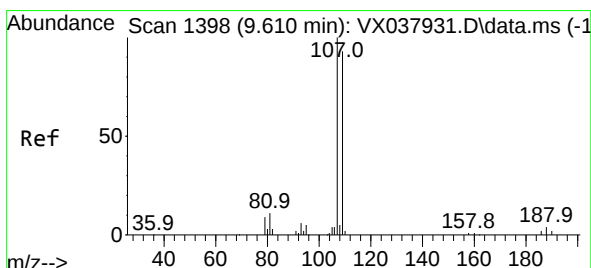
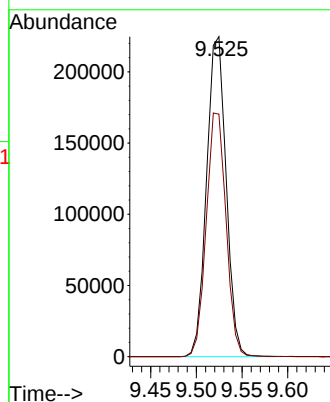
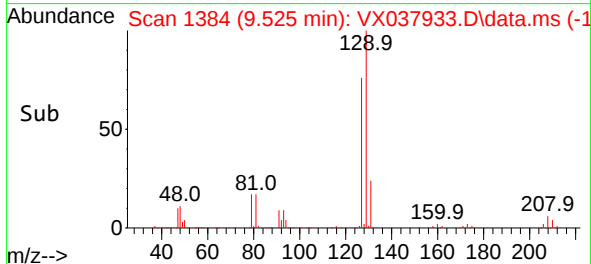
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:129 Resp: 33432
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8

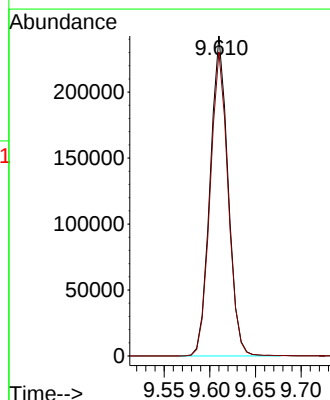
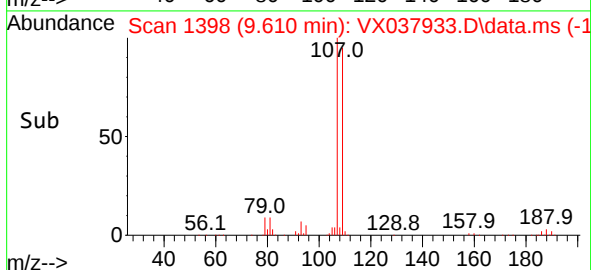
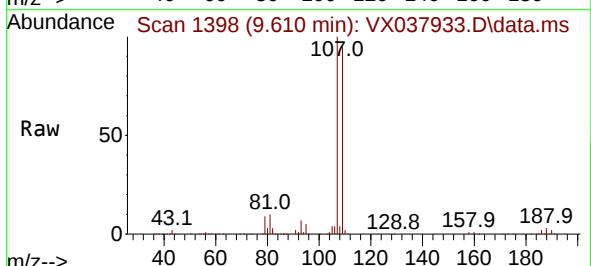
Manual Integrations
APPROVED

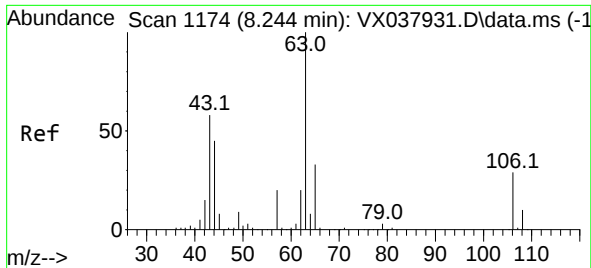
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#54
1,2-Dibromoethane
Concen: 99.452 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion:107 Resp: 330185
Ion Ratio Lower Upper
107 100
109 95.0 74.7 112.1





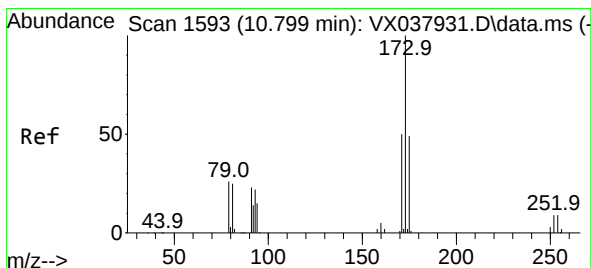
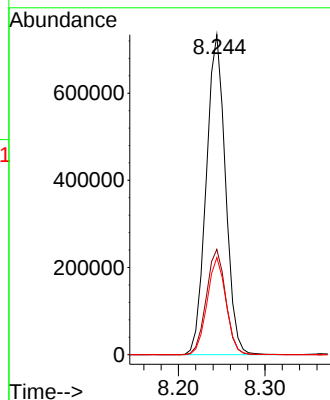
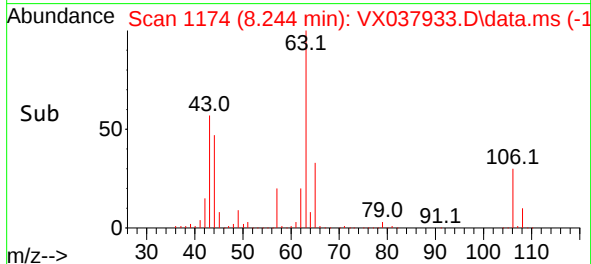
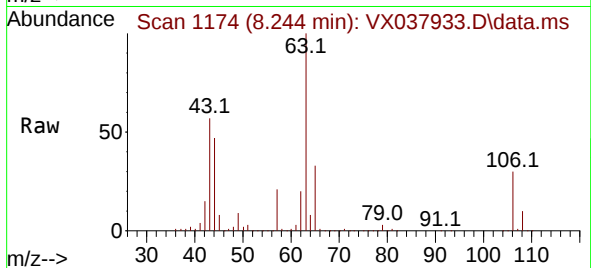
#55
2-Chloroethyl vinyl ether
Concen: 515.098 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 1131970
Ion Ratio Lower Upper
63 100
65 33.0 25.9 38.9
106 29.9 21.8 32.8

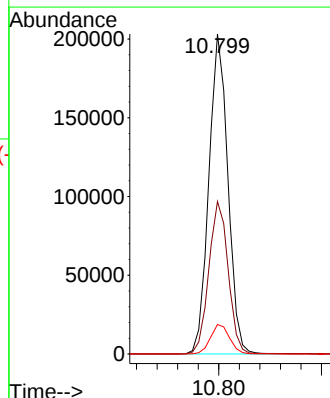
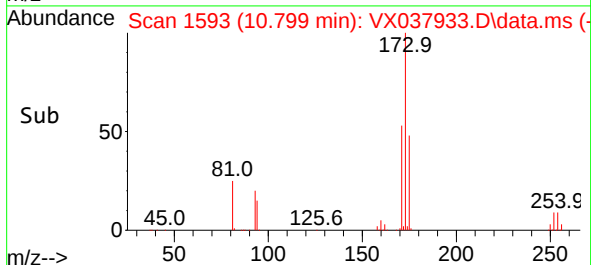
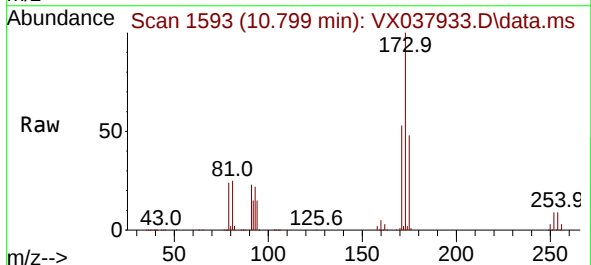
Manual Integrations
APPROVED

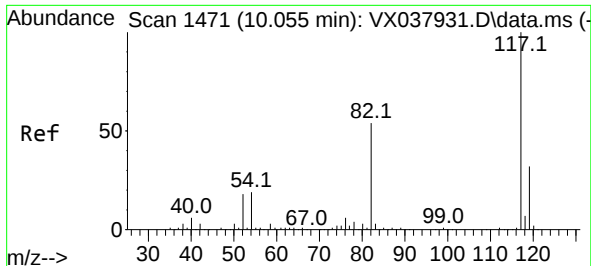
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#56
Bromoform
Concen: 109.985 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion:173 Resp: 260842
Ion Ratio Lower Upper
173 100
175 48.5 38.1 57.1
254 9.2 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:117 Resp: 25503

Ion Ratio Lower Upper

117 100

82 53.6 44.7 67.1

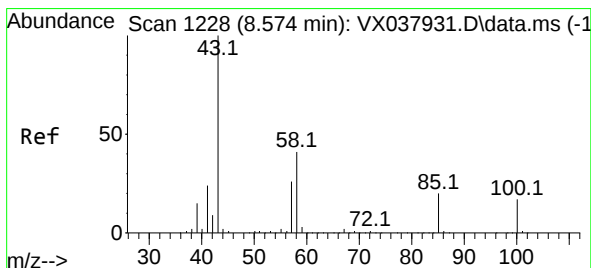
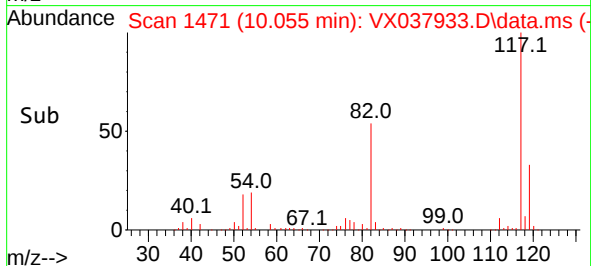
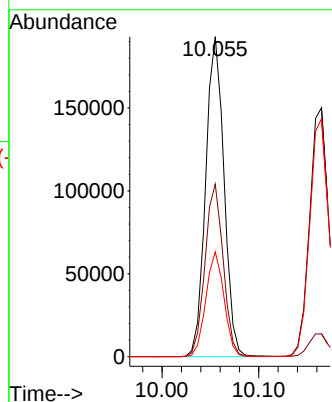
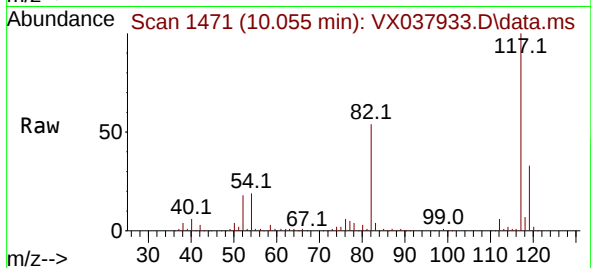
119 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#58

4-Methyl-2-Pentanone

Concen: 487.991 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

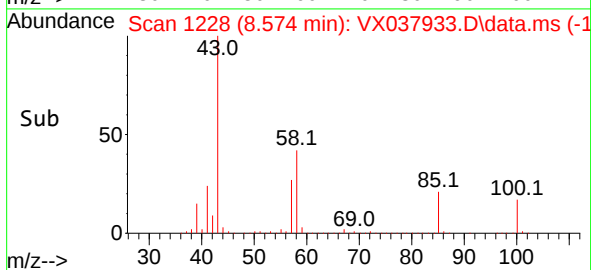
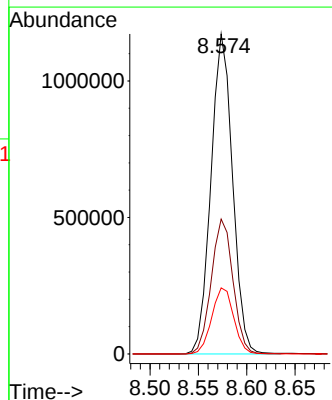
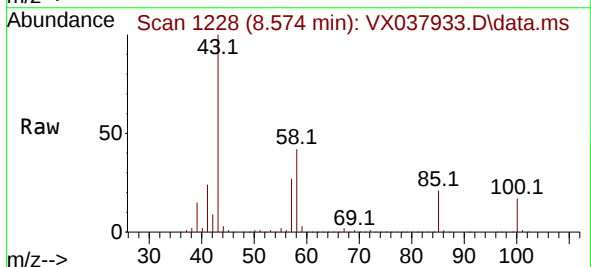
Tgt Ion: 43 Resp: 1821851

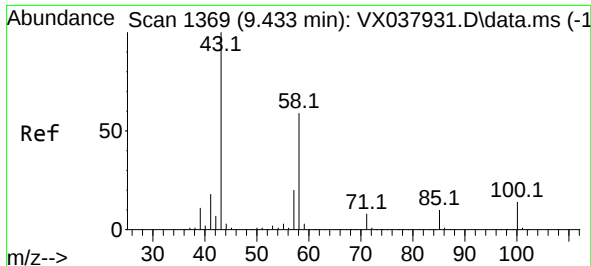
Ion Ratio Lower Upper

43 100

58 42.3 30.9 46.3

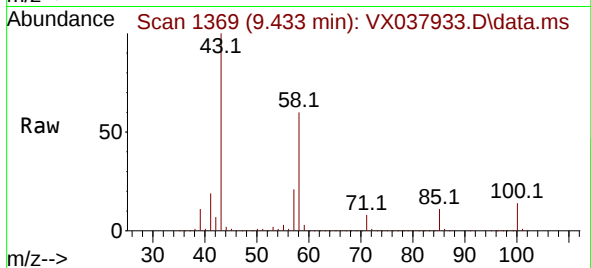
85 21.0 14.4 21.6





#59
2-Hexanone
Concen: 497.780 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

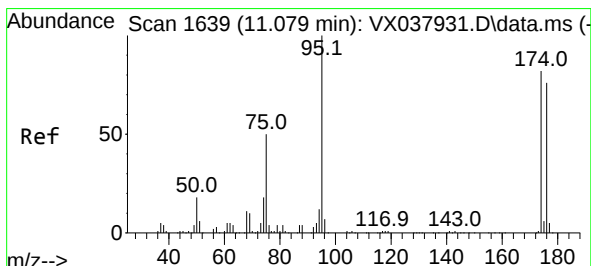
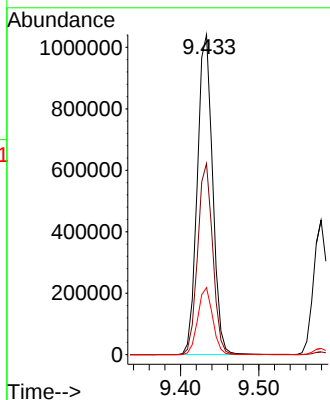
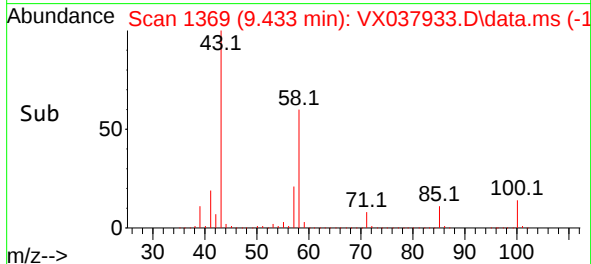
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 1411319
Ion Ratio Lower Upper
43 100
58 58.8 43.4 65.2
57 20.5 15.1 22.7

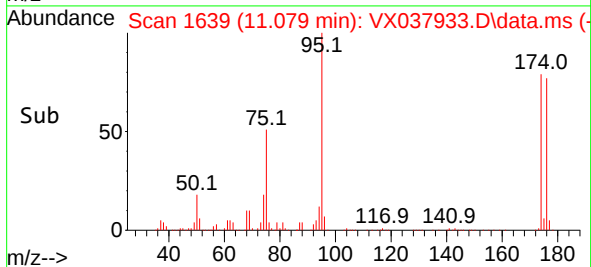
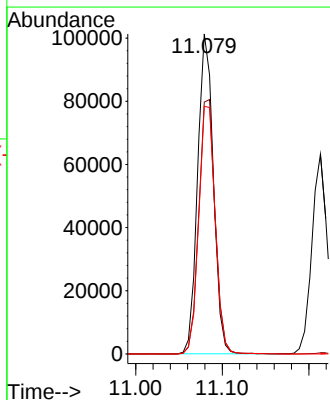
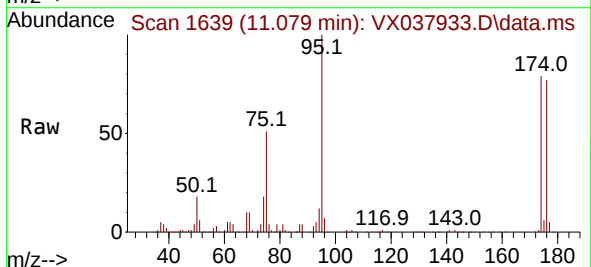
Manual Integrations
APPROVED

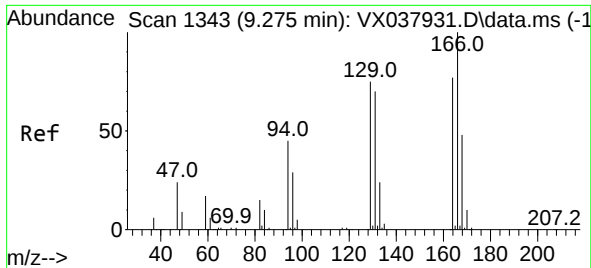
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#60
4-Bromofluorobenzene
Concen: 30.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

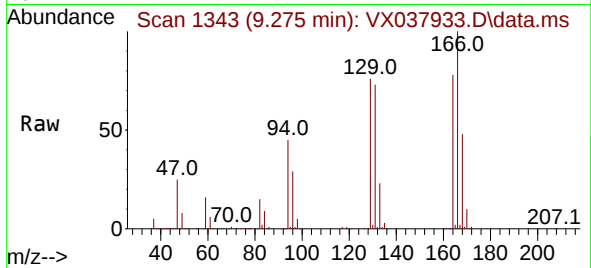
Tgt Ion: 95 Resp: 127793
Ion Ratio Lower Upper
95 100
174 82.5 60.5 90.7
176 80.9 58.2 87.4





#61
Tetrachloroethene
Concen: 96.434 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

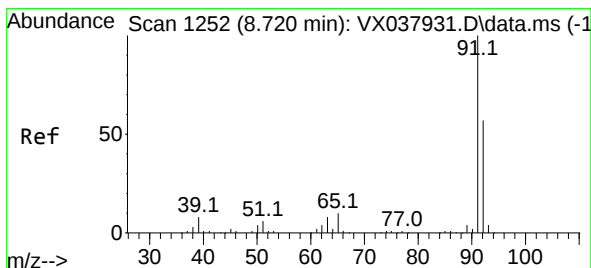
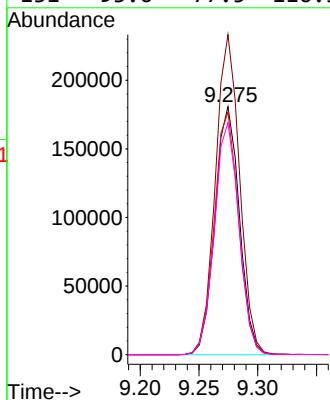
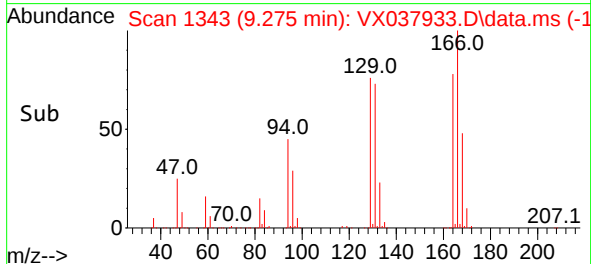
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:164 Resp: 26172
Ion Ratio Lower Upper
164 100
166 129.0 104.5 156.7
129 97.7 78.0 117.0
131 93.6 77.5 116.3

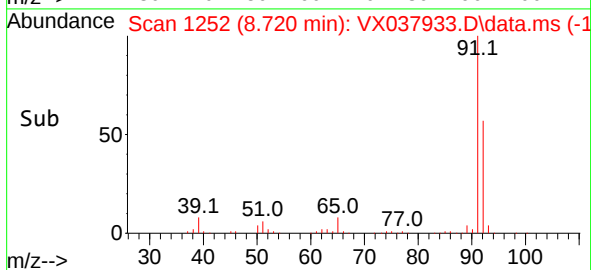
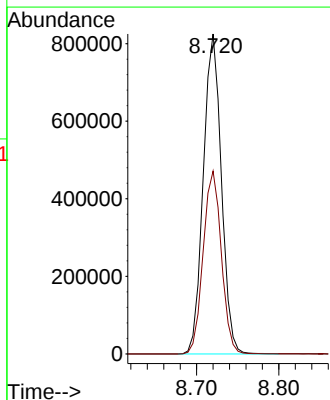
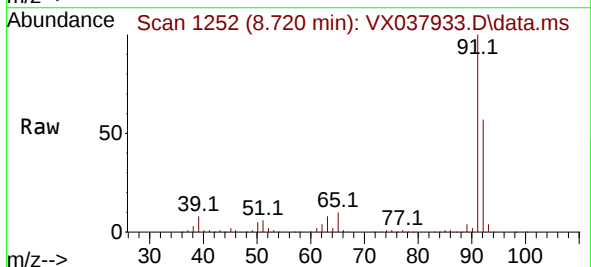
Manual Integrations
APPROVED

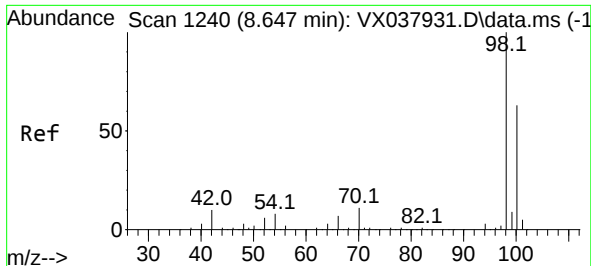
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#62
Toluene
Concen: 95.228 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 91 Resp: 1259799
Ion Ratio Lower Upper
91 100
92 57.4 44.9 67.3





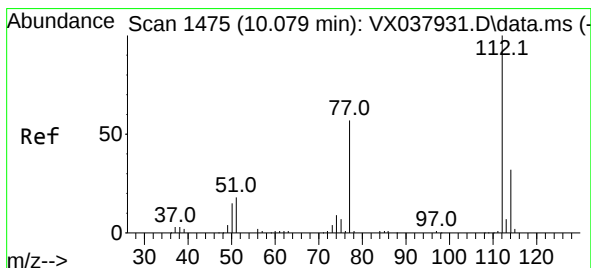
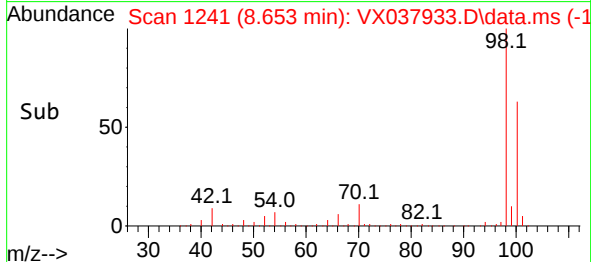
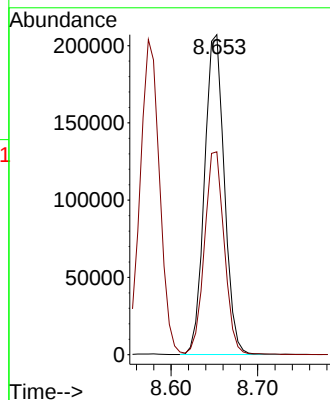
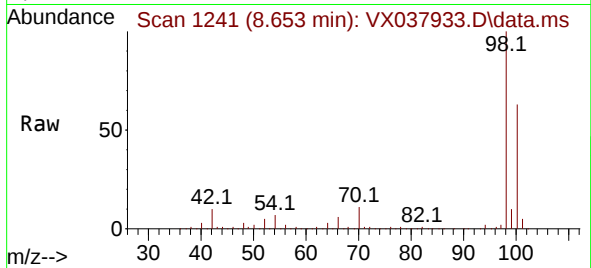
#63
Toluene-d8
Concen: 29.904 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 329220
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4

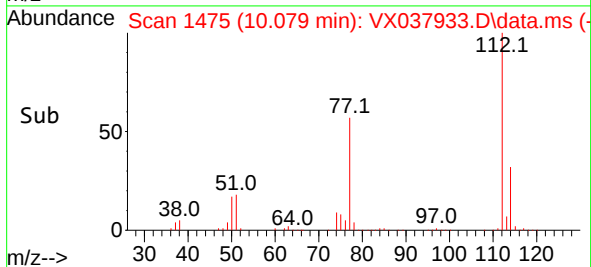
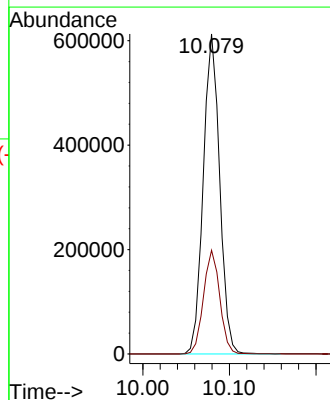
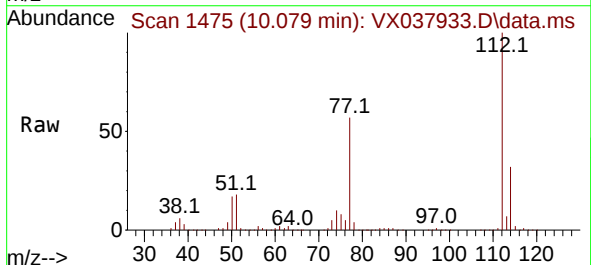
Manual Integrations
APPROVED

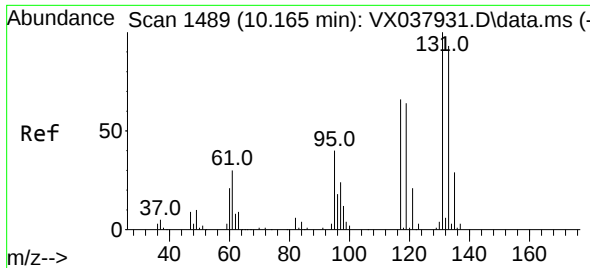
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#64
Chlorobenzene
Concen: 97.713 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion:112 Resp: 806389
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6





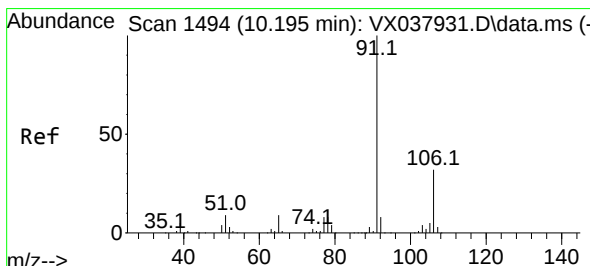
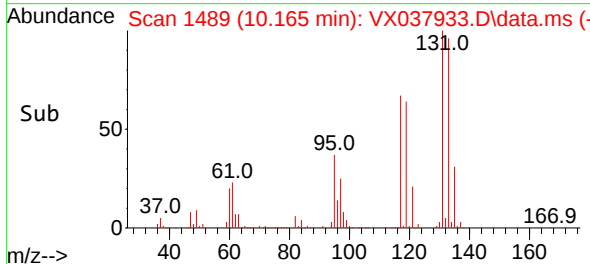
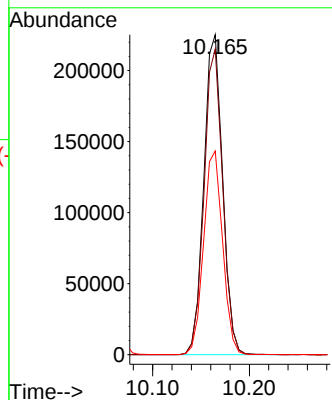
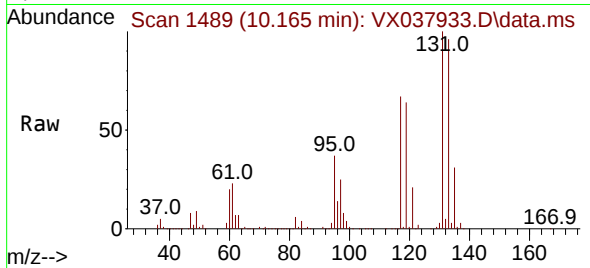
#65
1,1,1,2-Tetrachloroethane
Concen: 101.653 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 304515
Ion Ratio Lower Upper
131 100
133 94.8 0.0 192.0
119 64.5 0.0 132.8

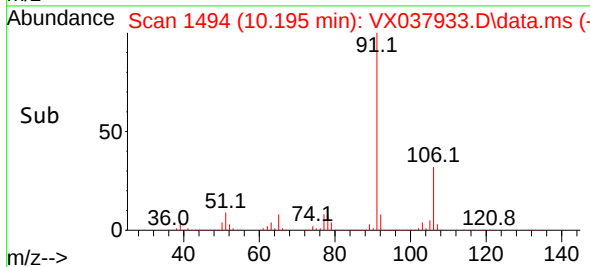
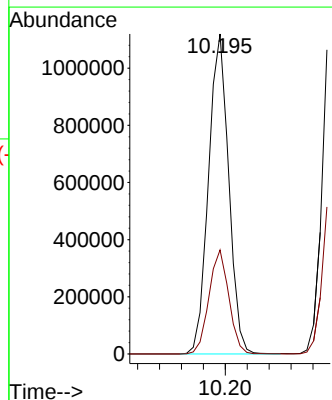
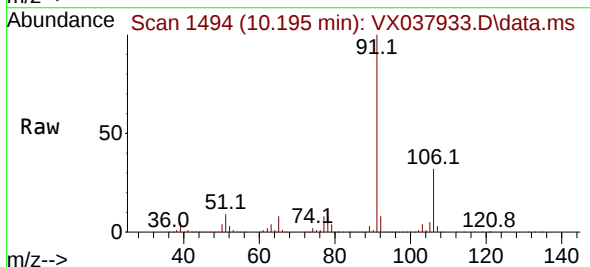
Manual Integrations
APPROVED

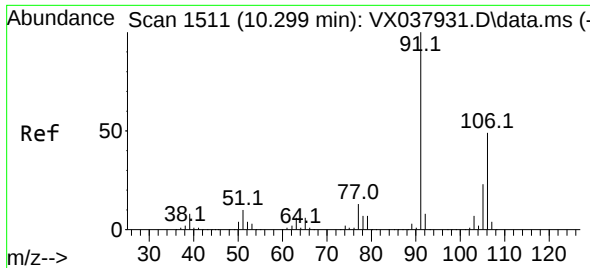
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#66
Ethyl Benzene
Concen: 97.943 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

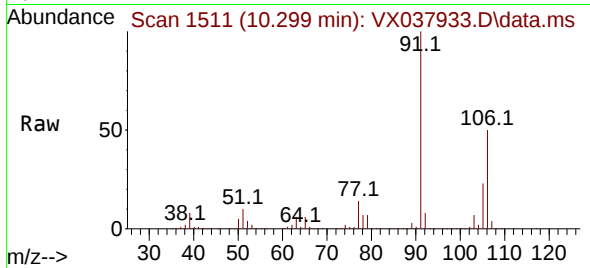
Tgt Ion: 91 Resp: 1430025
Ion Ratio Lower Upper
91 100
106 32.5 24.2 36.4





#67
m/p-Xylenes
Concen: 195.755 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

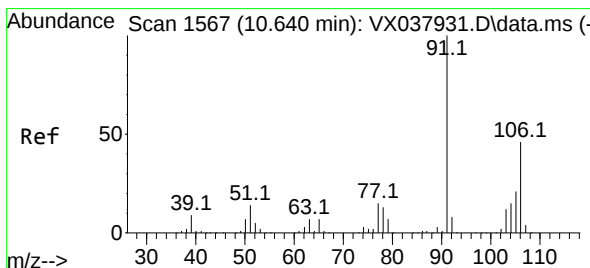
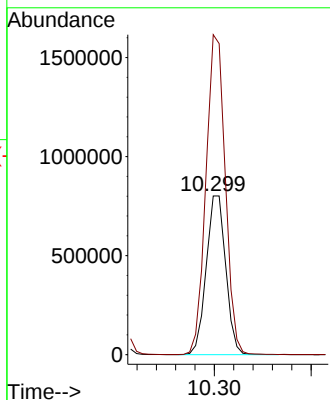
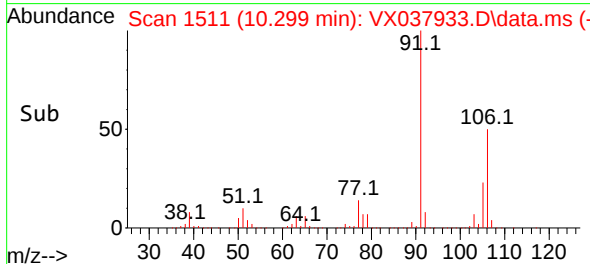
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



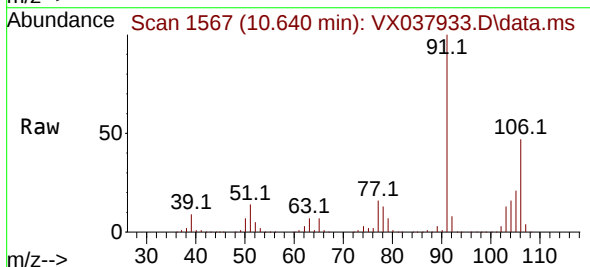
Tgt Ion:106 Resp: 1125919
Ion Ratio Lower Upper
106 100
91 199.8 160.5 240.7

Manual Integrations
APPROVED

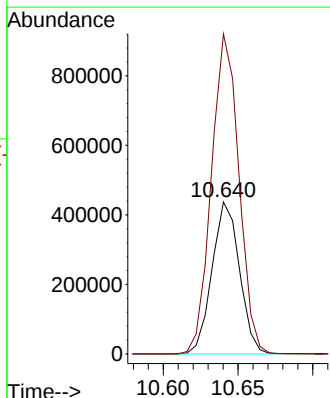
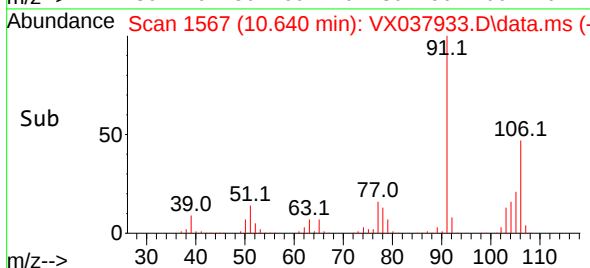
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

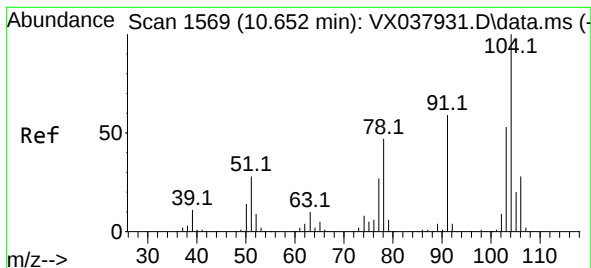


#68
o-Xylene
Concen: 99.967 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36



Tgt Ion:106 Resp: 556798
Ion Ratio Lower Upper
106 100
91 211.4 105.4 316.1





#69

Styrene

Concen: 101.536 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

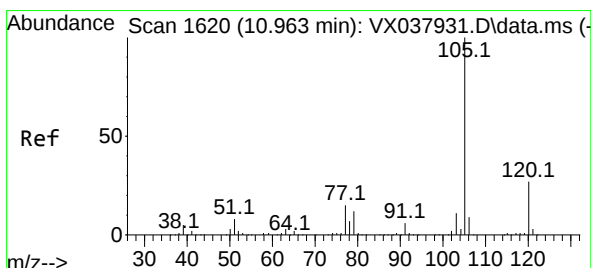
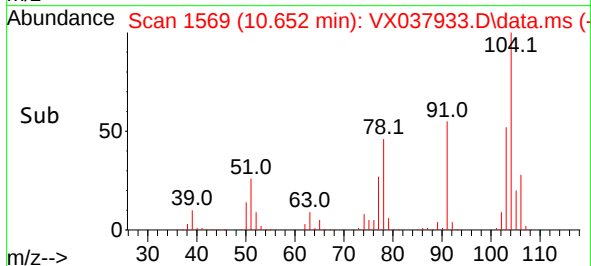
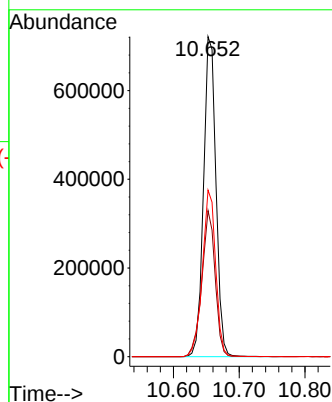
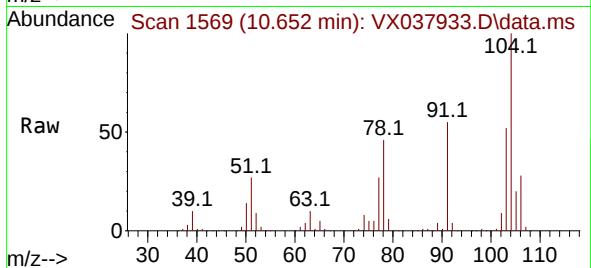
Tgt Ion:104 Resp: 94876
 Ion Ratio Lower Upper
 104 100
 78 48.8 41.0 61.4
 103 55.7 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#70

Isopropylbenzene

Concen: 98.546 ug/l

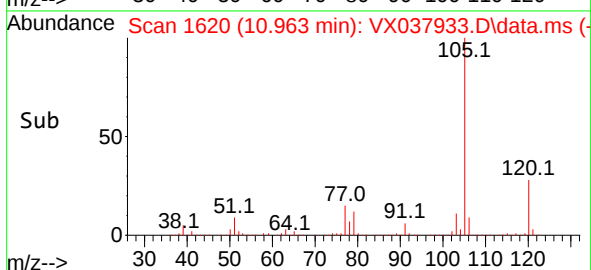
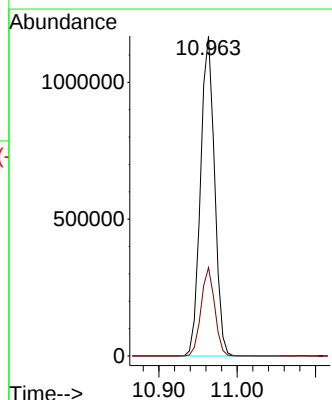
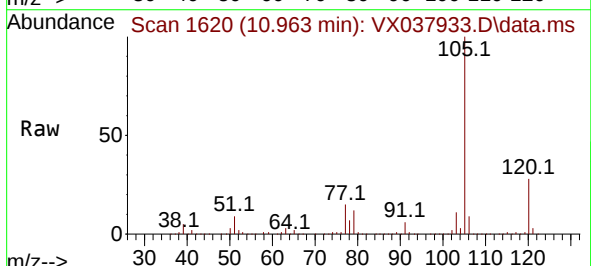
RT: 10.963 min Scan# 1620

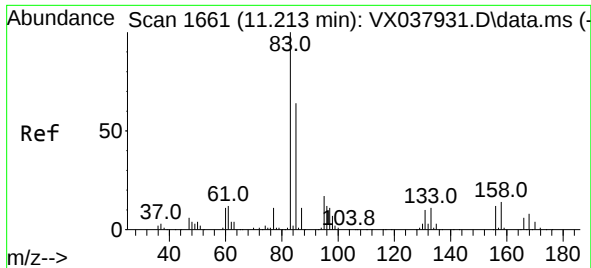
Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

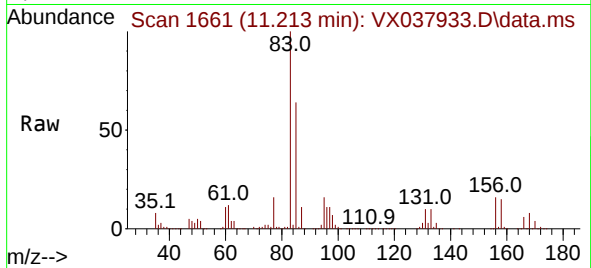
Tgt Ion:105 Resp: 1456695
 Ion Ratio Lower Upper
 105 100
 120 26.8 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 99.682 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

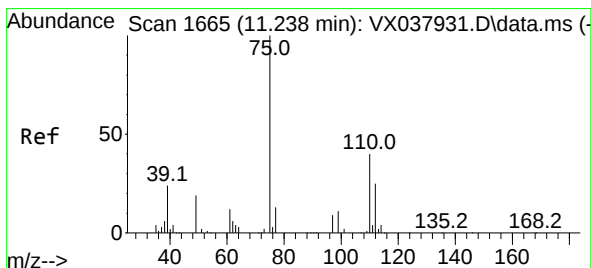
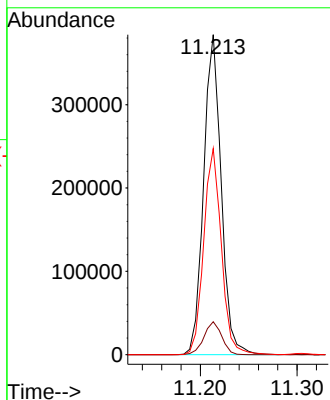
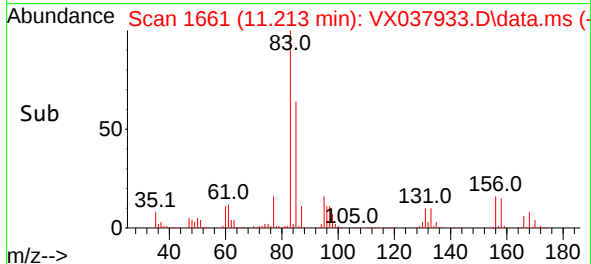
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



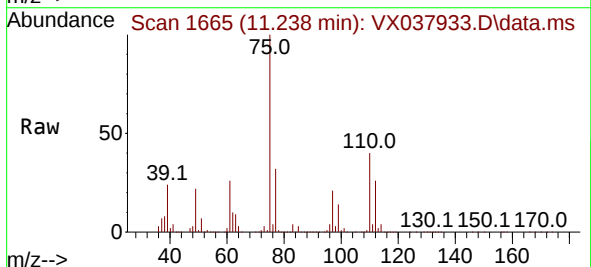
Tgt Ion: 83 Resp: 48563
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 64.7 32.4 97.0

Manual Integrations
APPROVED

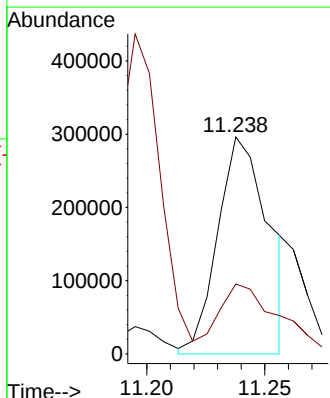
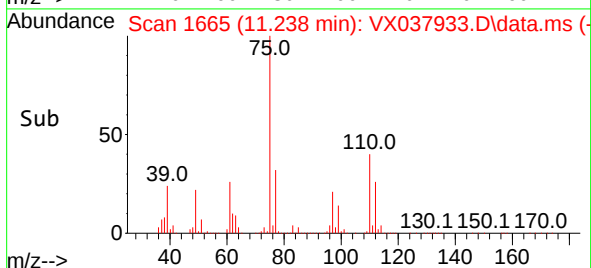
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

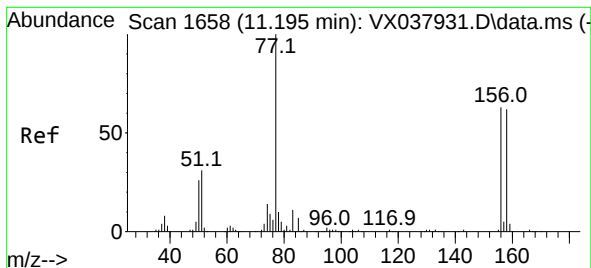


#72
1,2,3-Trichloropropane
Concen: 102.835 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36



Tgt Ion: 75 Resp: 439890
Ion Ratio Lower Upper
75 100
77 38.8 0.0 77.2





#73

Bromobenzene

Concen: 100.462 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

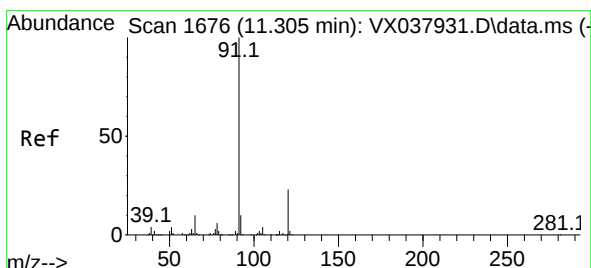
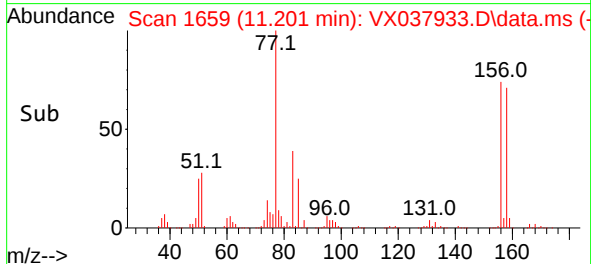
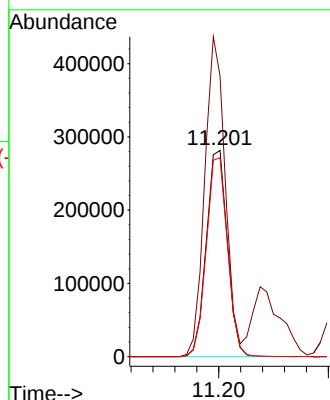
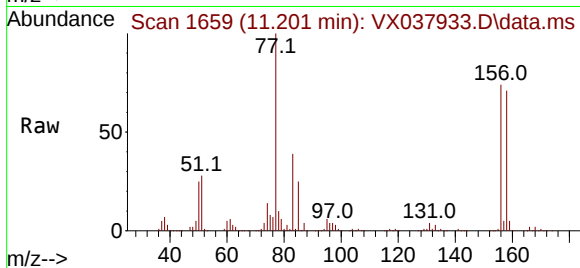
Tgt Ion:	156	Resp:	376662
Ion Ratio	Lower	Upper	
156	100		
77	149.6	0.0	333.0
158	96.9	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#74

n-propylbenzene

Concen: 98.843 ug/l

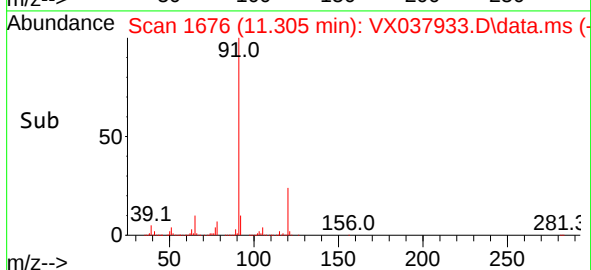
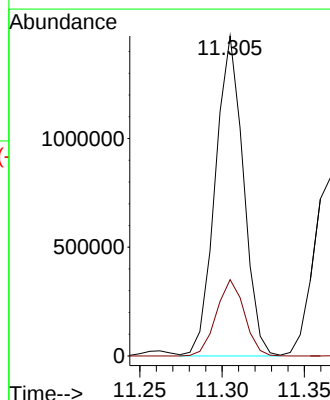
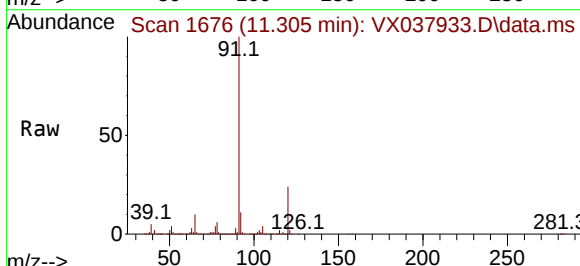
RT: 11.305 min Scan# 1676

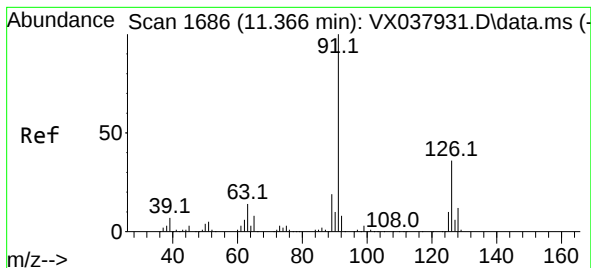
Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Tgt Ion:	91	Resp:	1745530
Ion Ratio	Lower	Upper	
91	100		
120	23.7	0.0	46.6





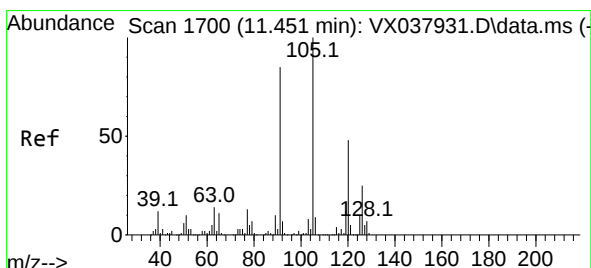
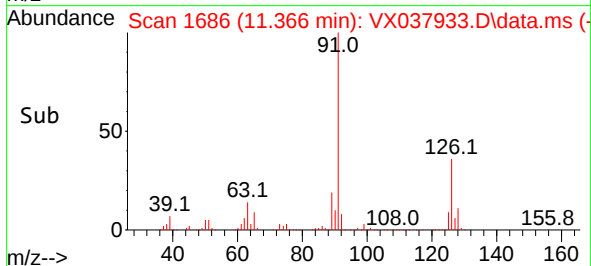
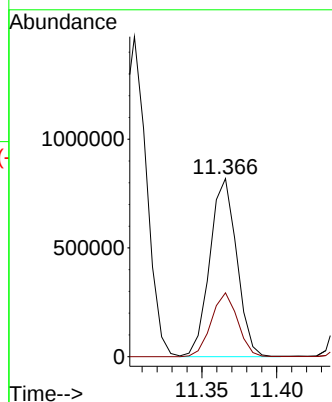
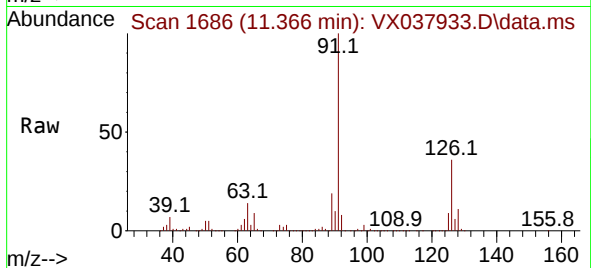
#75
2-Chlorotoluene
Concen: 99.385 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1027510
Ion Ratio Lower Upper
91 100
126 35.0 0.0 66.2

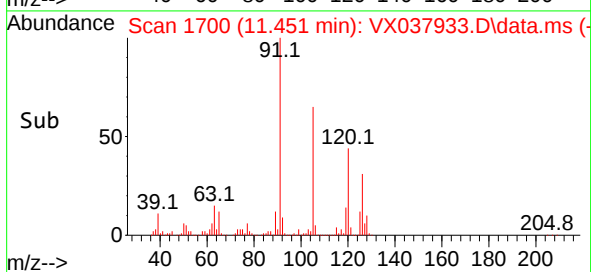
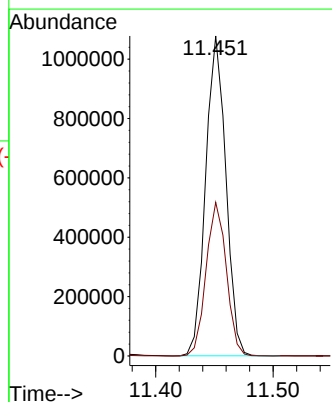
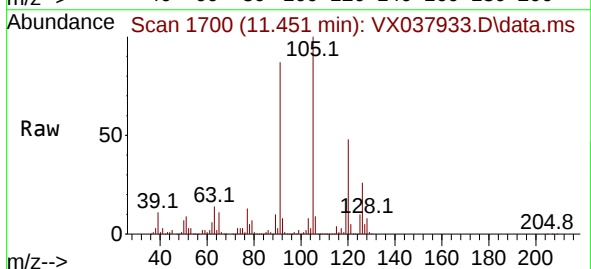
Manual Integrations
APPROVED

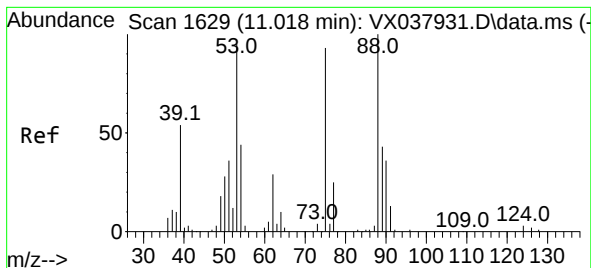
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#76
1,3,5-Trimethylbenzene
Concen: 100.926 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion:105 Resp: 1286515
Ion Ratio Lower Upper
105 100
120 48.1 0.0 96.4





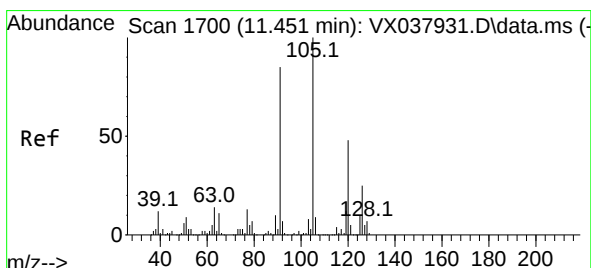
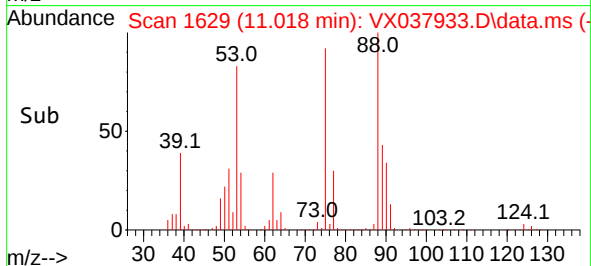
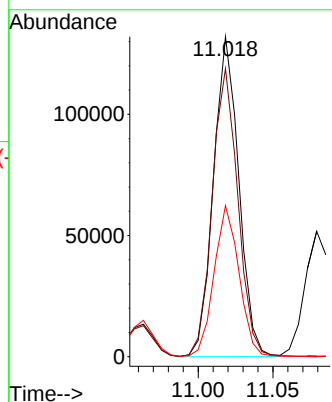
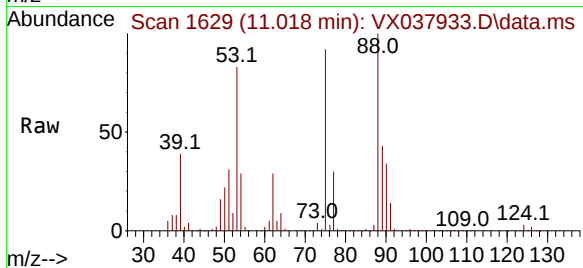
#77
t-1,4-Dichloro-2-butene
Concen: 114.617 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 155279
Ion Ratio Lower Upper
75 100
53 90.0 53.9 161.7
89 47.1 22.1 66.1

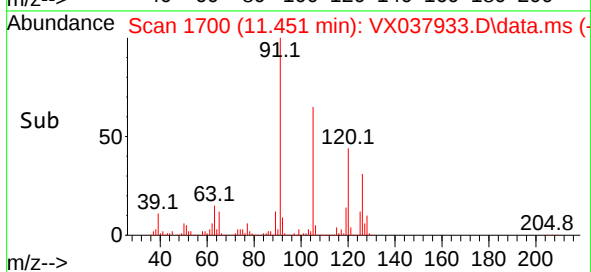
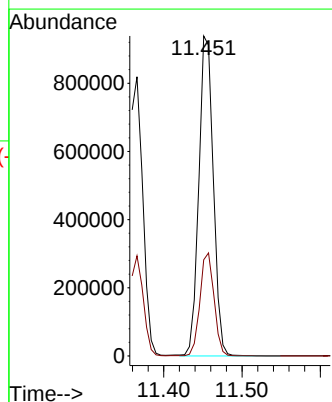
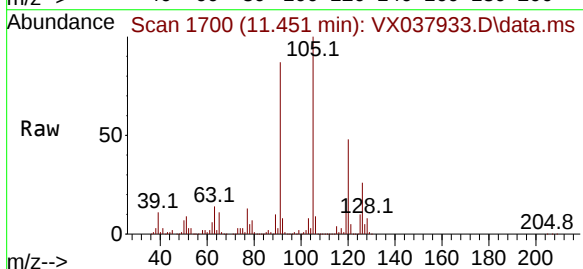
Manual Integrations
APPROVED

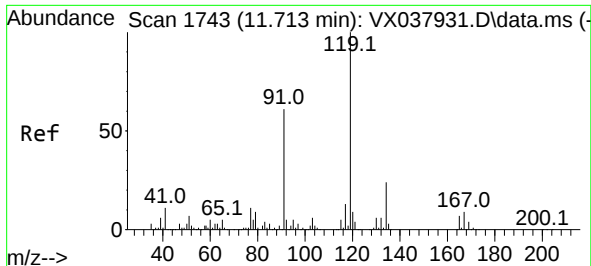
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#78
4-Chlorotoluene
Concen: 99.884 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion: 91 Resp: 1211400
Ion Ratio Lower Upper
91 100
126 31.3 0.0 59.4





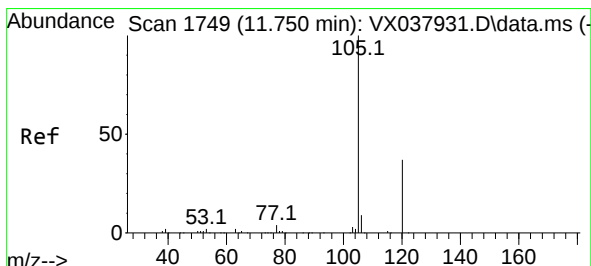
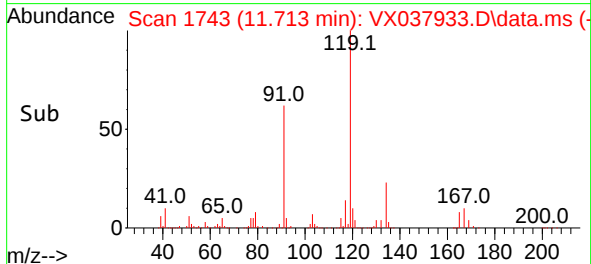
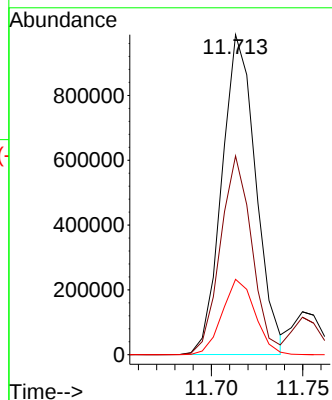
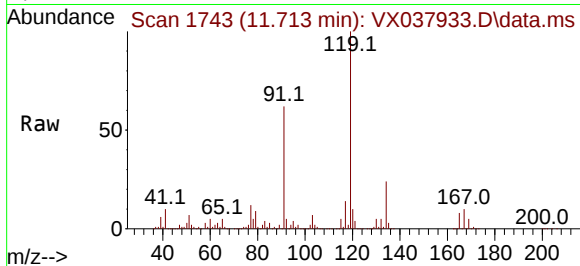
#79
tert-butylbenzene
Concen: 101.647 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 1275279
Ion Ratio Lower Upper
119 100
91 57.9 0.0 124.4
134 22.8 0.0 47.2

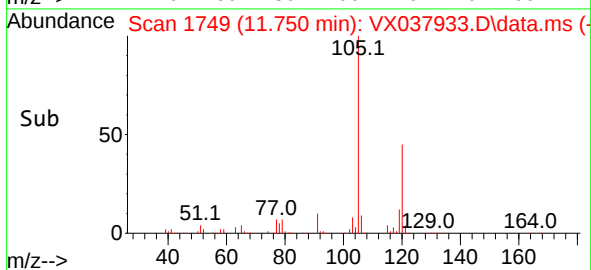
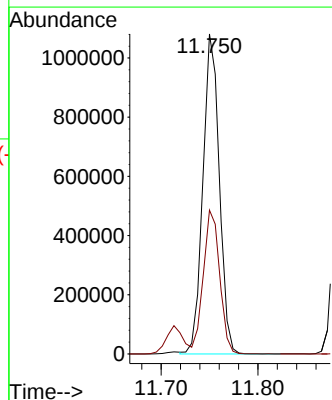
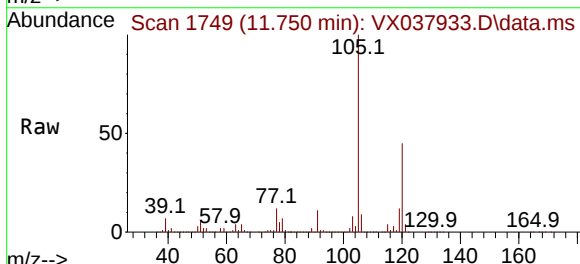
Manual Integrations
APPROVED

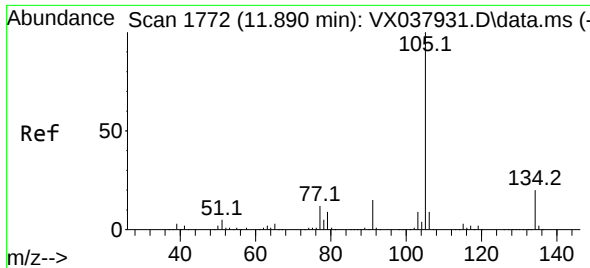
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 100.768 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

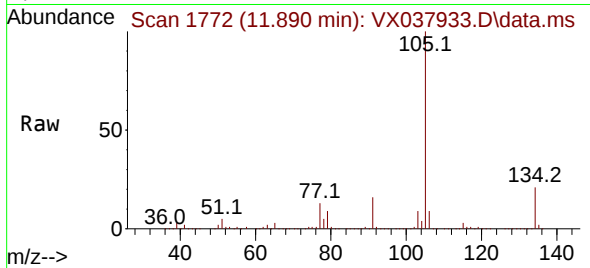
Tgt Ion:105 Resp: 1276930
Ion Ratio Lower Upper
105 100
120 44.8 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 100.802 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36

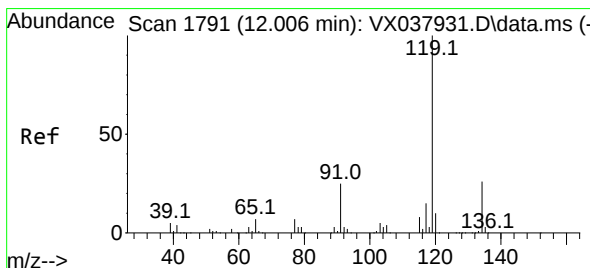
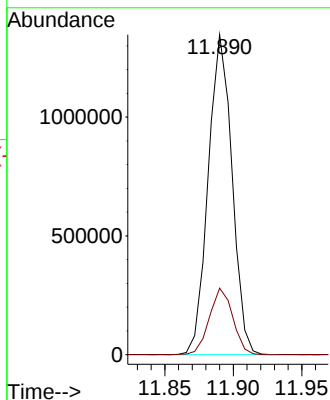
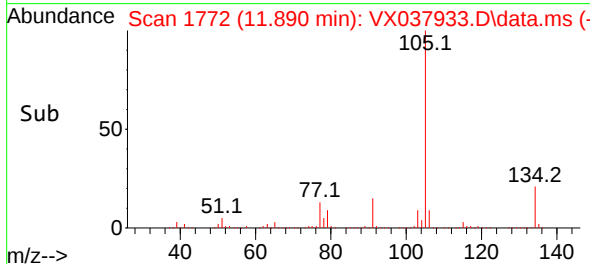
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



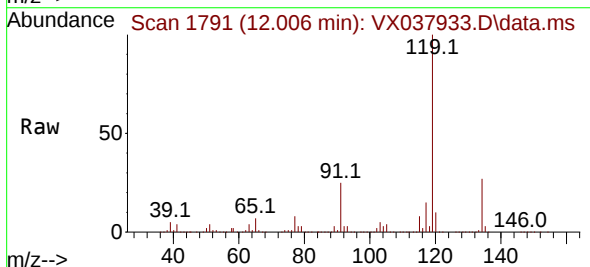
Tgt Ion:105 Resp: 1626378
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.2

Manual Integrations
 APPROVED

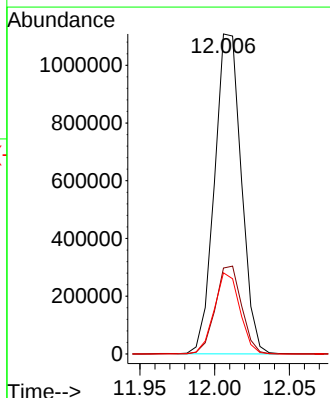
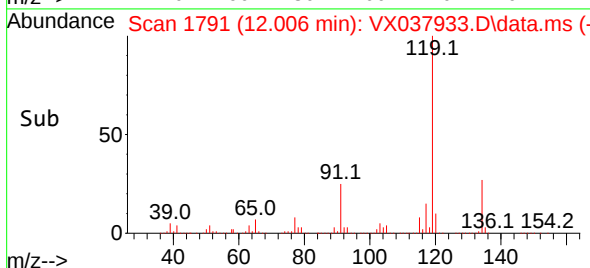
Reviewed By :John Carlone 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

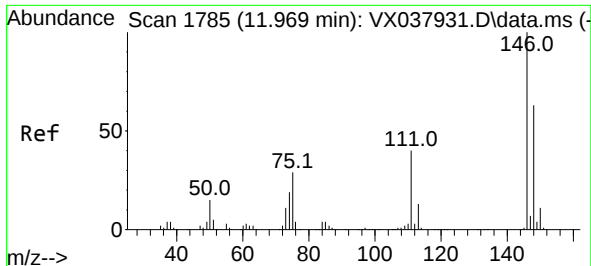


#82
 p-Isopropyltoluene
 Concen: 101.954 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX037933.D
 Acq: 27 Sep 2023 19:36



Tgt Ion:119 Resp: 1381038
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 53.2
 91 24.2 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 101.413 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037933.D

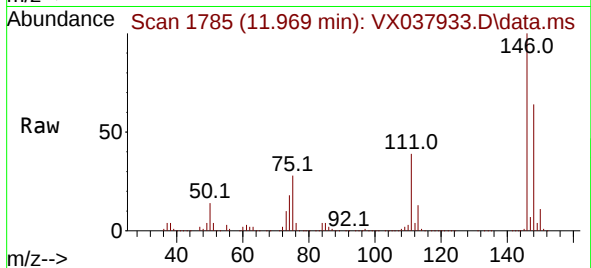
Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



Tgt Ion:146 Resp: 734670

Ion Ratio Lower Upper

146 100

111 40.0 20.4 61.2

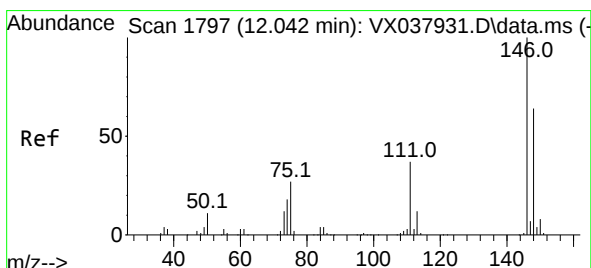
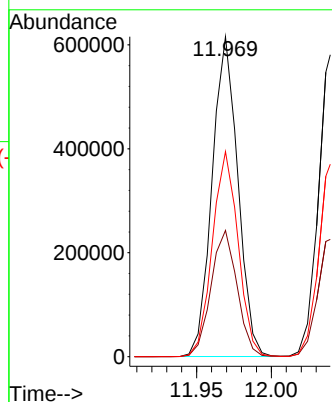
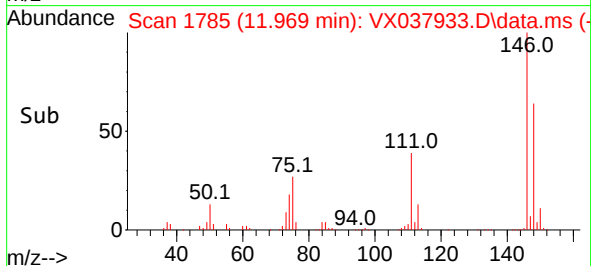
148 64.2 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#84

1,4-Dichlorobenzene

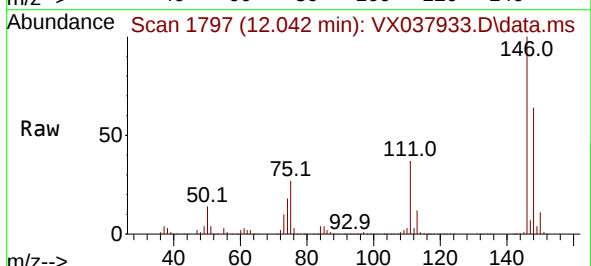
Concen: 101.366 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36



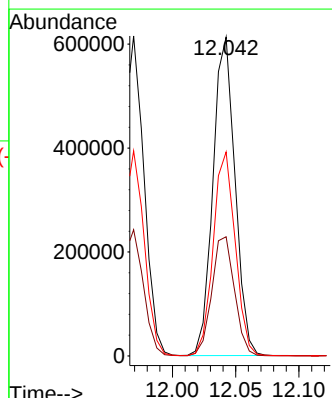
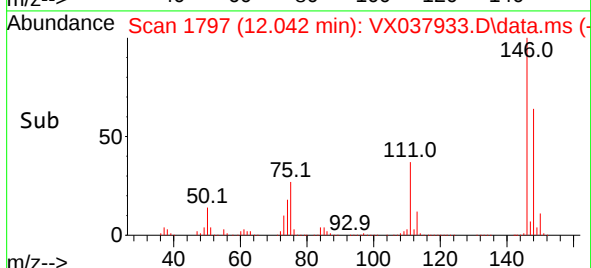
Tgt Ion:146 Resp: 744111

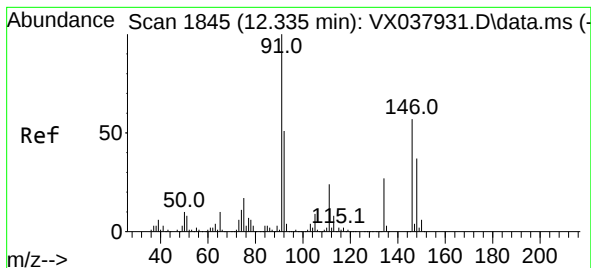
Ion Ratio Lower Upper

146 100

111 38.5 20.2 60.6

148 63.9 32.1 96.3





#85

n-Butylbenzene

Concen: 103.618 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1313209

Ion Ratio Lower Upper

91 100

92 52.6 0.0 105.2

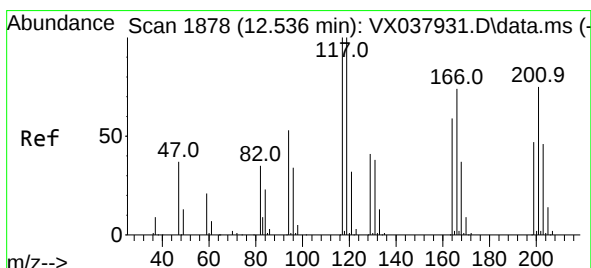
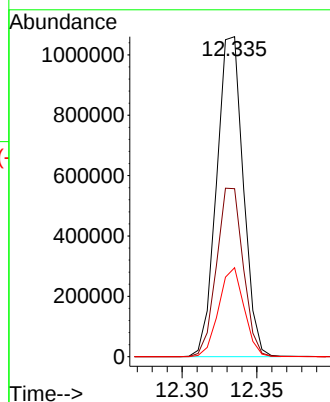
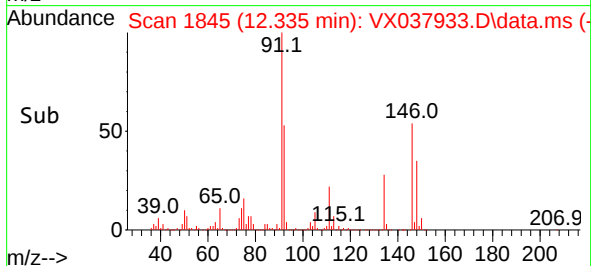
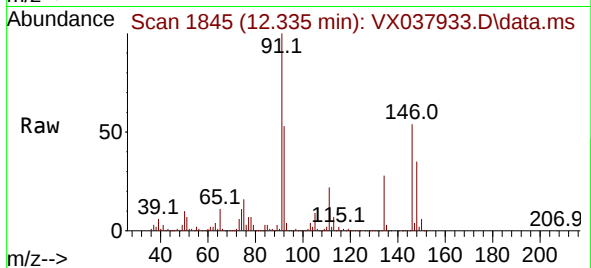
134 26.5 0.0 51.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#86

Hexachloroethane

Concen: 110.171 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037933.D

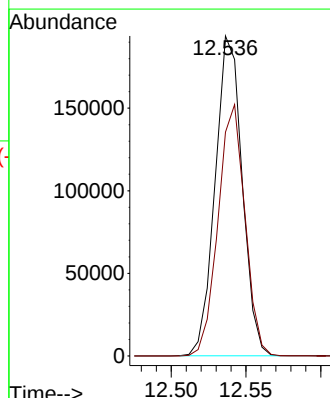
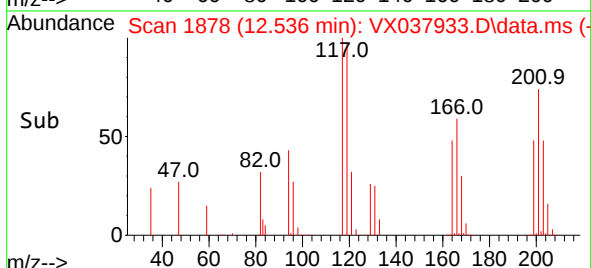
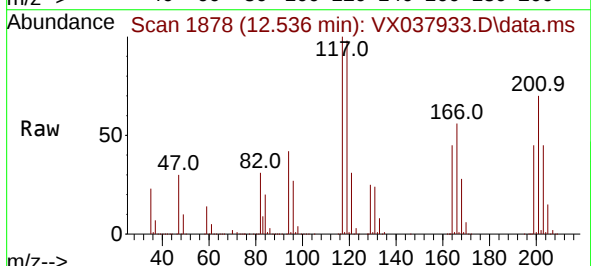
Acq: 27 Sep 2023 19:36

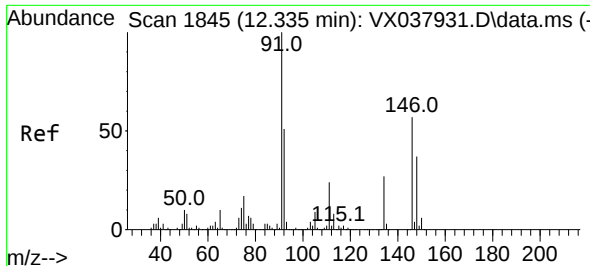
Tgt Ion:117 Resp: 243139

Ion Ratio Lower Upper

117 100

201 78.2 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 99.625 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

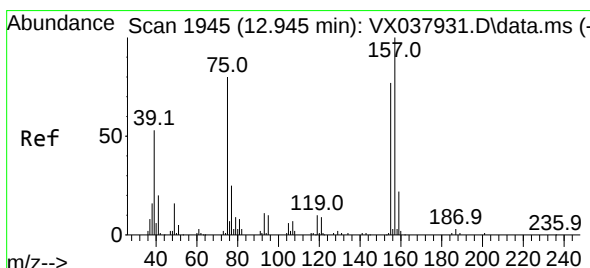
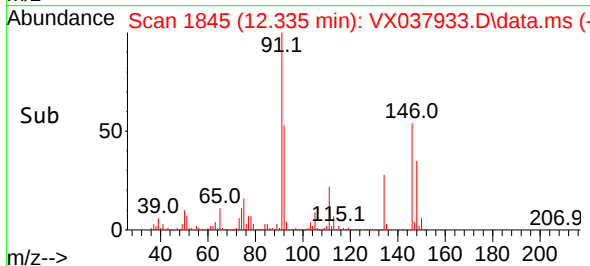
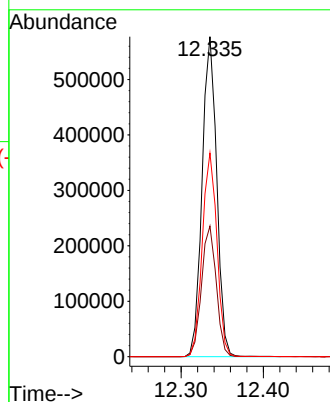
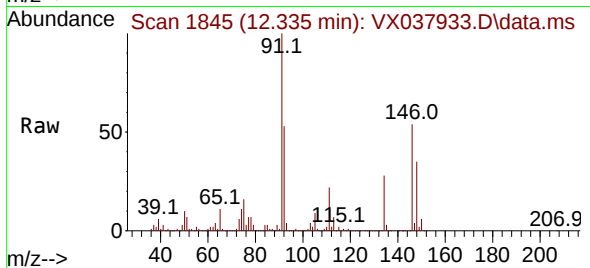
Tgt Ion:	146	Resp:	71109
Ion Ratio	Lower	Upper	
146	100		
111	41.4	21.4	64.3
148	64.0	33.2	99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 104.060 ug/l

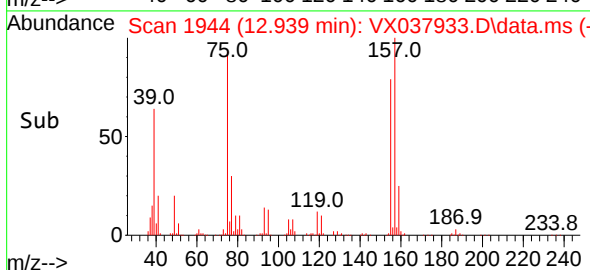
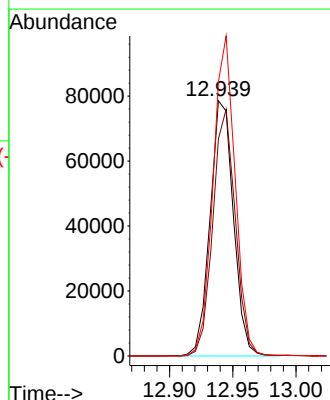
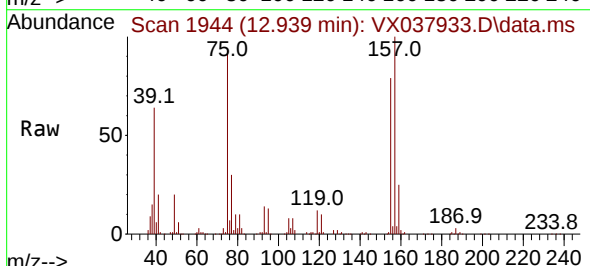
RT: 12.939 min Scan# 1944

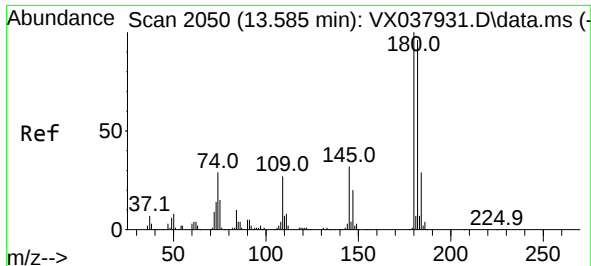
Delta R.T. -0.006 min

Lab File: VX037933.D

Acq: 27 Sep 2023 19:36

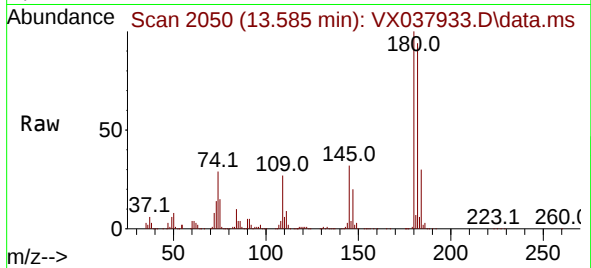
Tgt Ion:	75	Resp:	100976
Ion Ratio	Lower	Upper	
75	100		
155	92.9	62.7	94.1
157	118.7	81.5	122.3





#89
1,2,4-Trichlorobenzene
Concen: 100.754 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

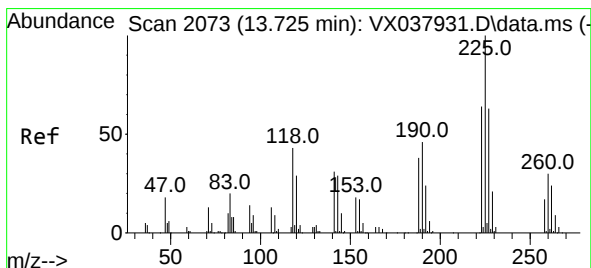
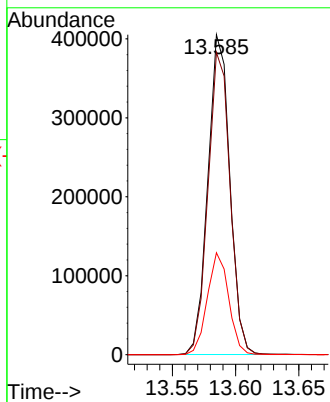
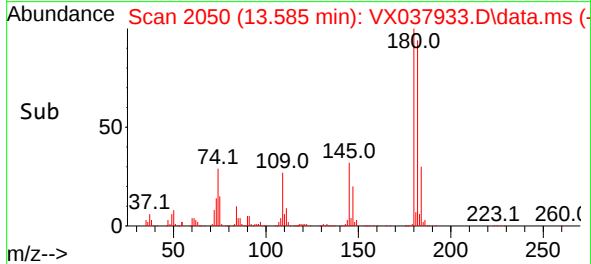
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:180 Resp: 489284
Ion Ratio Lower Upper
180 100
182 95.1 75.6 113.4
145 31.2 25.4 38.2

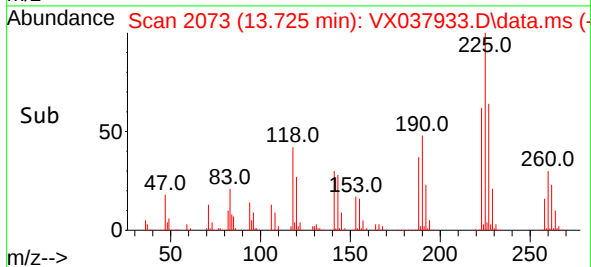
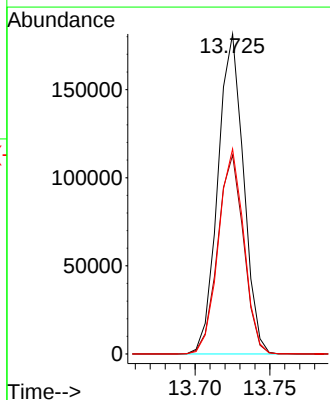
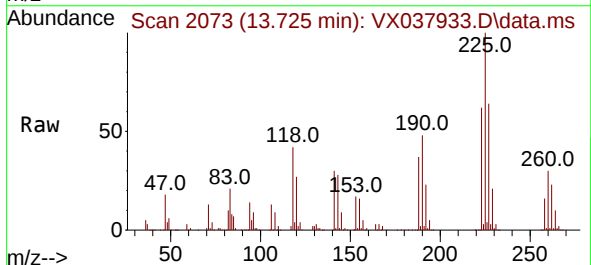
Manual Integrations
APPROVED

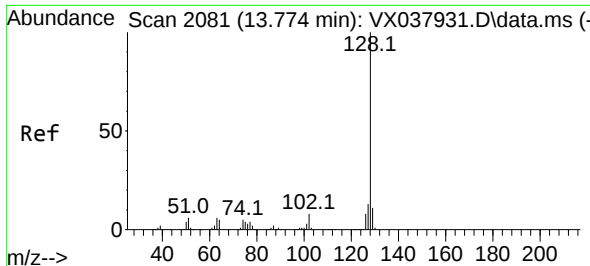
Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#90
Hexachlorobutadiene
Concen: 101.538 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

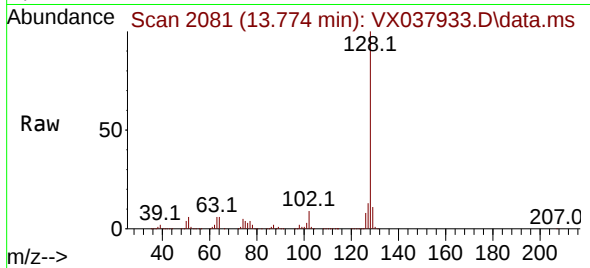
Tgt Ion:225 Resp: 216622
Ion Ratio Lower Upper
225 100
223 62.7 0.0 124.2
227 63.5 0.0 120.4





#91
Naphthalene
Concen: 101.245 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

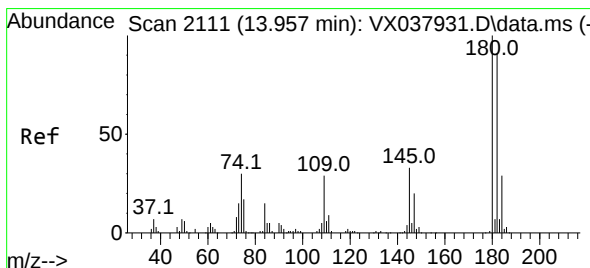
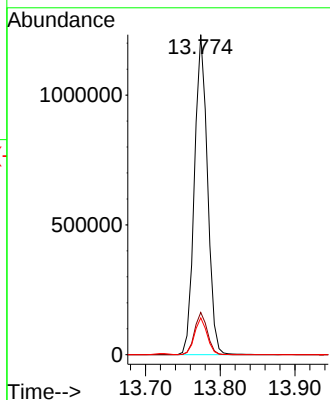
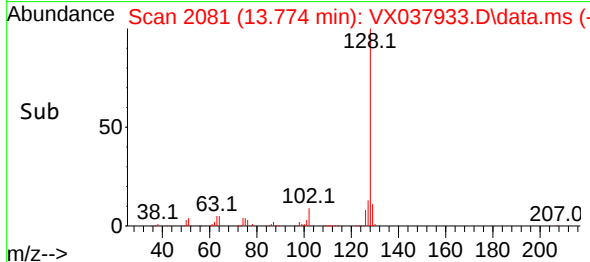
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 149117
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 101.631 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX037933.D
Acq: 27 Sep 2023 19:36

Tgt Ion:180 Resp: 480494
Ion Ratio Lower Upper
180 100
182 94.6 0.0 190.6
145 32.7 0.0 66.8

