

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037934.D
 Acq On : 27 Sep 2023 19:59
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 28 05:47:28 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 :Semsettin Yesilyurt 09/28/2023

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

Internal Standards						
1) Bromochloromethane	4.897	128	45348	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	257390	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	253844	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	98038	29.991	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.967%		
60) 4-Bromofluorobenzene	11.079	95	129179	31.217	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	104.067%		
63) Toluene-d8	8.653	98	322278	29.410	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.033%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	360182	151.514	ug/l	99
3) Chloromethane	1.294	50	374257	147.004	ug/l	95
4) Vinyl Chloride	1.374	62	429187	150.590	ug/l	99
5) Bromomethane	1.599	94	285452	130.013	ug/l	98
6) Chloroethane	1.678	64	283122m	147.918	ug/l	
7) Trichlorofluoromethane	1.880	101	711672	151.276	ug/l	99
8) Diethyl Ether	2.130	74	263228	151.662	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	366041	152.613	ug/l	98
10) 1,1-Dichloroethene	2.318	96	361837	154.112	ug/l	94
11) Methyl Iodide	2.453	142	515079	162.096	ug/l	97
12) Methyl Acetate	2.703	43	738633	154.777	ug/l	98
13) Acrolein	2.233	56	418427	759.803	ug/l	95
14) Acrylonitrile	3.062	53	1026993	779.430	ug/l	98
15) Acetone	2.379	58	279490	733.324	ug/l	85
16) Carbon Disulfide	2.514	76	939393	163.964	ug/l	99
17) Allyl chloride	2.660	41	566615	157.634	ug/l	94
18) Methylene Chloride	2.788	84	426540	151.578	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	412913	156.035	ug/l	93
20) Diisopropyl ether	3.757	45	1187991	154.809	ug/l #	90
21) 1,1-Dichloroethane	3.611	63	714348	154.072	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	489415	155.764	ug/l	95
23) tert-Butyl Alcohol	2.971	59	440453	801.409	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	1268105	156.044	ug/l	95
25) Chloroform	5.092	83	784653	153.885	ug/l	100
26) Cyclohexane	5.470	56	602634	152.730	ug/l #	95
29) 1,1-Dichloropropene	5.696	75	564621	151.752	ug/l	97
30) 2-Butanone	4.556	43	1363721	763.731	ug/l	95
31) 2,2-Dichloropropane	4.477	77	591696	157.857	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	698749	156.729	ug/l	97
33) Carbon Tetrachloride	5.678	117	618118	161.960	ug/l	98
34) Benzene	6.037	78	1673337	150.551	ug/l	97
35) Methacrylonitrile	4.916	41	297007	158.210	ug/l	93
36) 1,2-Dichloroethane	6.086	62	586962	149.286	ug/l	98
37) Trichloroethene	7.123	130	474416	154.724	ug/l	93
38) Methylcyclohexane	7.385	83	718091	153.549	ug/l	94
39) 1,2-Dichloropropane	7.433	63	430707	151.469	ug/l	98
40) Dibromomethane	7.580	93	326851	155.776	ug/l	96
41) Bromodichloromethane	7.824	83	620333	161.934	ug/l	99
42) Vinyl Acetate	3.721	43	4376518	777.511	ug/l	97

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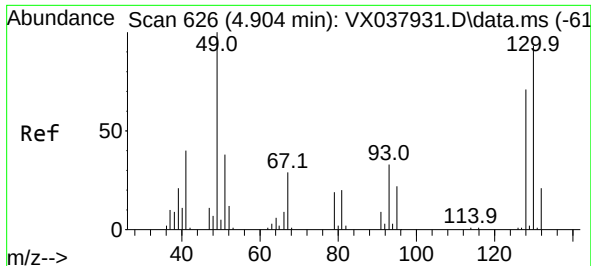
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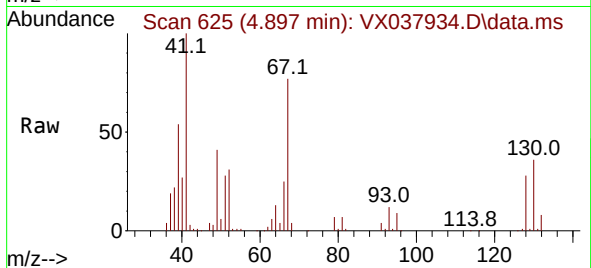
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	541063	153.276	ug/l	99
44) Isopropyl Acetate	6.342	43	931082	159.436	ug/l	96
45) 1,4-Dioxane	7.659	88	208424	3097.160	ug/l #	1
46) Methyl methacrylate	7.696	41	445136	160.351	ug/l	92
47) n-amyl Acetate	10.841	43	912705	166.118	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	703404	169.026	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	729194	163.163	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	469258	156.502	ug/l	98
51) Ethyl methacrylate	9.116	69	728963	164.995	ug/l	95
52) 1,3-Dichloropropane	9.311	76	739074	153.658	ug/l	98
53) Dibromochloromethane	9.525	129	526616	170.413	ug/l	99
54) 1,2-Dibromoethane	9.610	107	511037	157.061	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	1700106	789.393	ug/l	97
56) Bromoform	10.799	173	423247	182.101	ug/l	98
58) 4-Methyl-2-Pentanone	8.573	43	2816178	757.859	ug/l	93
59) 2-Hexanone	9.433	43	2167762	768.163	ug/l	94
61) Tetrachloroethene	9.275	164	411813	152.444	ug/l	97
62) Toluene	8.720	91	1930832	146.635	ug/l	98
64) Chlorobenzene	10.079	112	1247786	151.907	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	482060	161.675	ug/l	99
66) Ethyl Benzene	10.195	91	2190602	150.738	ug/l	95
67) m/p-Xylenes	10.305	106	1750421	305.758	ug/l	97
68) o-Xylene	10.640	106	868745	156.704	ug/l	100
69) Styrene	10.658	104	1481071	159.245	ug/l	98
70) Isopropylbenzene	10.963	105	2260646	153.651	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	746680	153.984	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	664948m	156.176	ug/l	
73) Bromobenzene	11.201	156	587969	157.556	ug/l	92
74) n-propylbenzene	11.305	91	2703032	153.780	ug/l	99
75) 2-Chlorotoluene	11.366	91	1587771	154.296	ug/l	96
76) 1,3,5-Trimethylbenzene	11.451	105	1995161	157.251	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	252117	186.969	ug/l	86
78) 4-Chlorotoluene	11.457	91	1877129	155.500	ug/l	97
79) tert-butylbenzene	11.713	119	1981025	158.639	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	1961652	155.528	ug/l	100
81) sec-Butylbenzene	11.890	105	2504918	155.980	ug/l	100
82) p-Isopropyltoluene	12.012	119	2127660	157.808	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	1126209	156.187	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	1139405	155.942	ug/l	99
85) n-Butylbenzene	12.335	91	2022738	160.350	ug/l	99
86) Hexachloroethane	12.536	117	387011	176.183	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	1088373	153.197	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	160471	166.147	ug/l #	82
89) 1,2,4-Trichlorobenzene	13.585	180	781521	161.685	ug/l	99
90) Hexachlorobutadiene	13.725	225	340113	160.169	ug/l	97
91) Naphthalene	13.774	128	2303172	157.109	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	753143	160.046	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

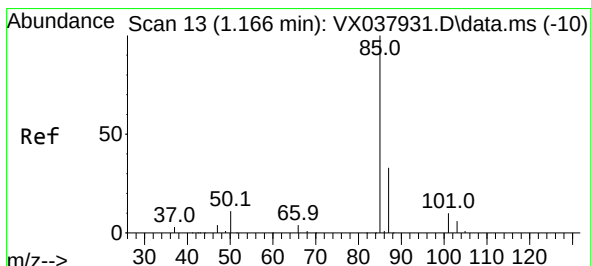
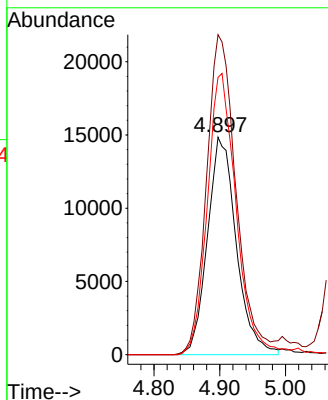
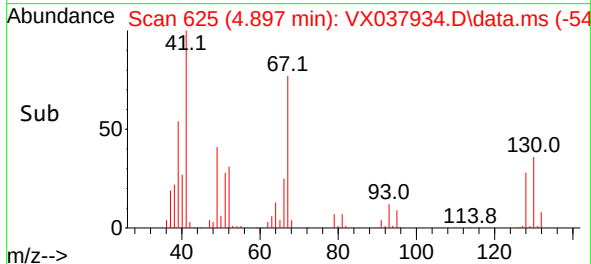
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 45348
Ion Ratio Lower Upper
128 100
49 149.9 0.0 406.3
130 129.0 0.0 328.0

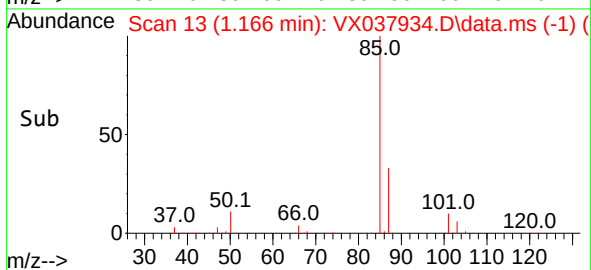
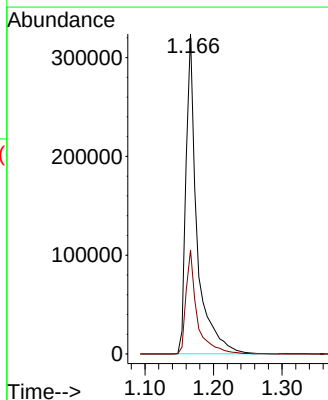
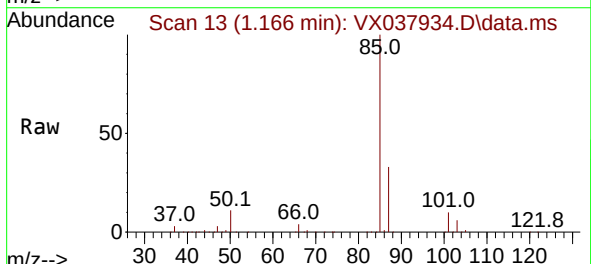
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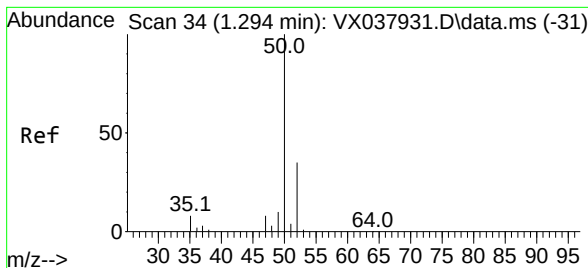
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#2
Dichlorodifluoromethane
Concen: 151.514 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

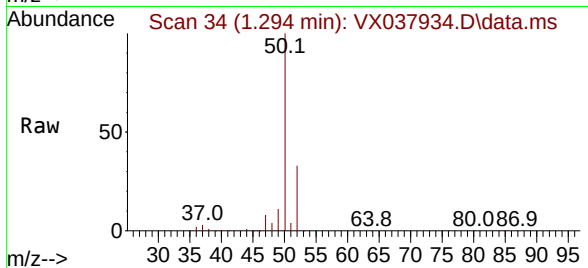
Tgt Ion: 85 Resp: 360182
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.4





#3
Chloromethane
Concen: 147.004 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

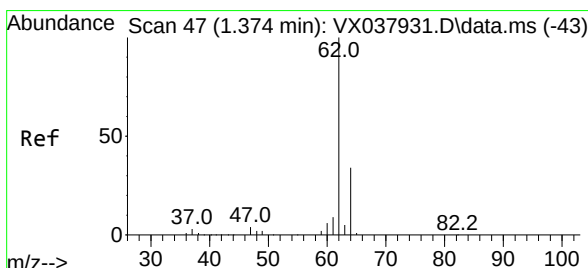
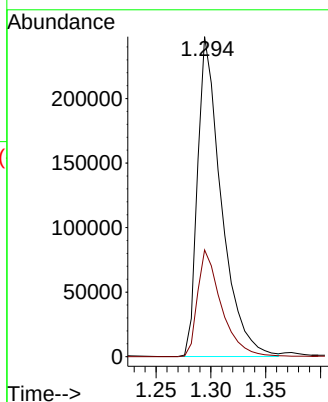
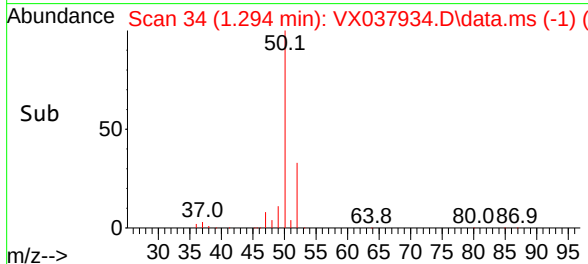
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 37425
Ion Ratio Lower Upper
50 100
52 33.4 24.5 36.7

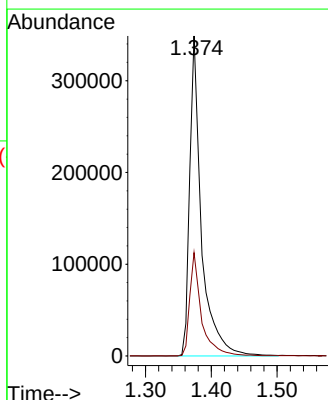
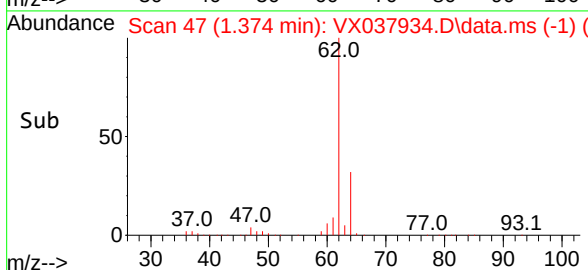
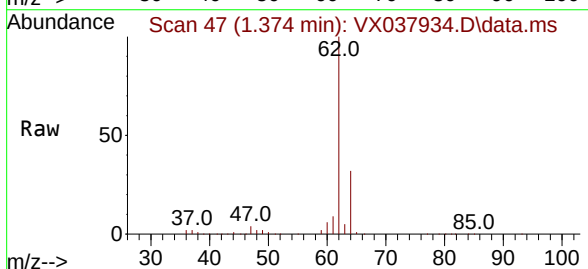
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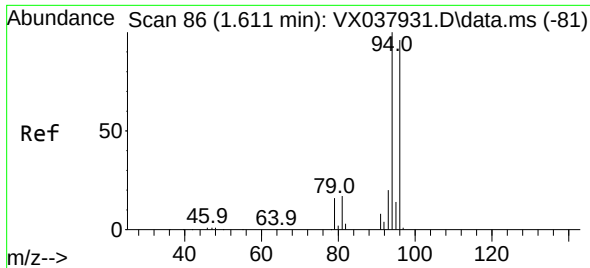
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#4
Vinyl Chloride
Concen: 150.590 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion: 62 Resp: 429187
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





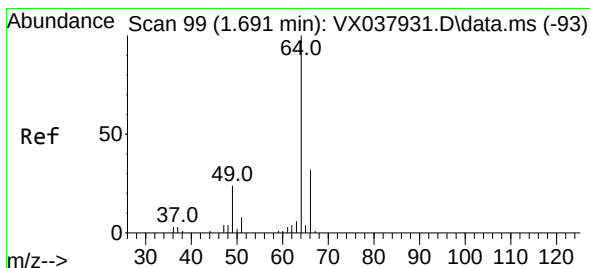
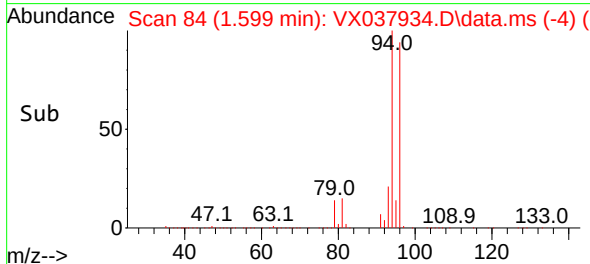
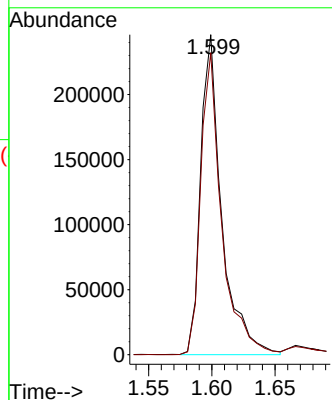
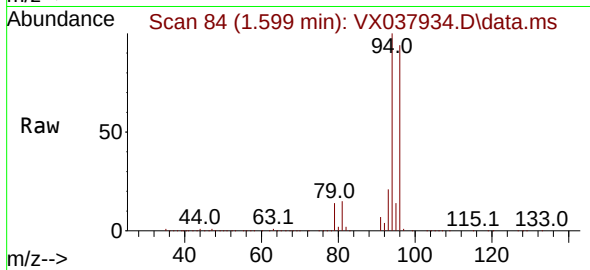
#5
Bromomethane
Concen: 130.013 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 285452
Ion Ratio Lower Upper
94 100
96 94.4 77.4 116.2

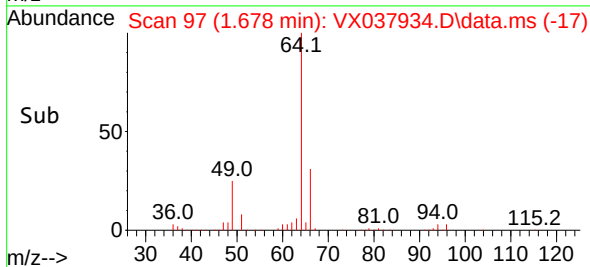
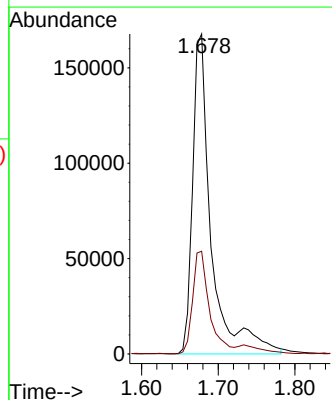
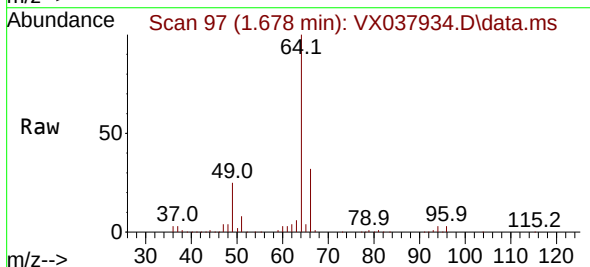
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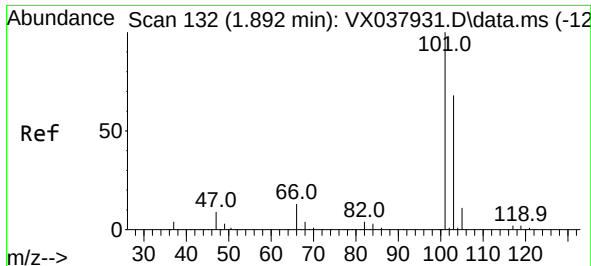
Reviewed By :John Carlone 09/28/2023
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#6
Chloroethane
Concen: 147.918 ug/l m
RT: 1.678 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion: 64 Resp: 283122
Ion Ratio Lower Upper
64 100
66 32.1 23.1 34.7





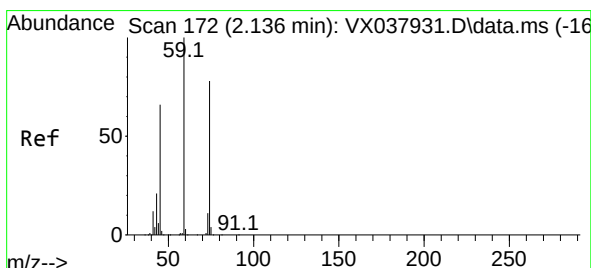
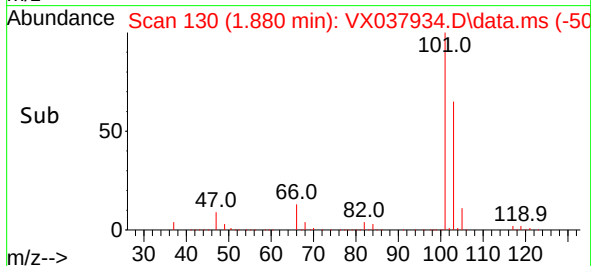
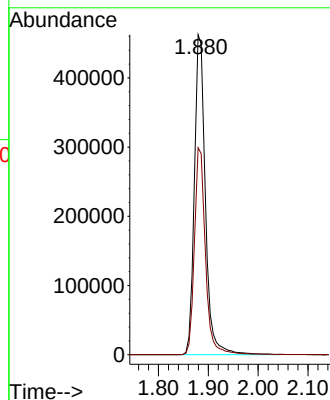
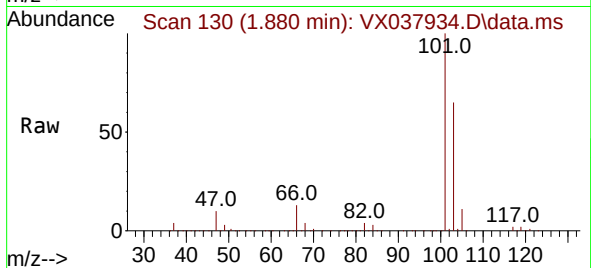
#7
Trichlorofluoromethane
Concen: 151.276 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :
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Tgt Ion:101 Resp: 711672
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

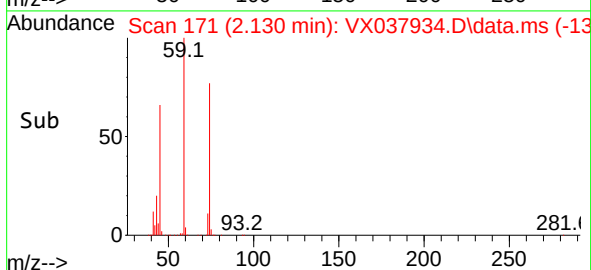
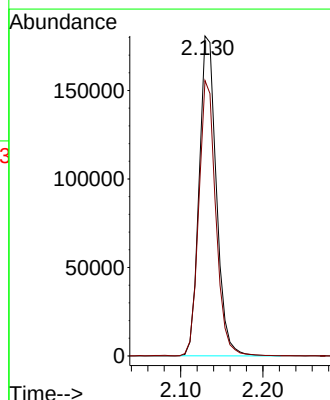
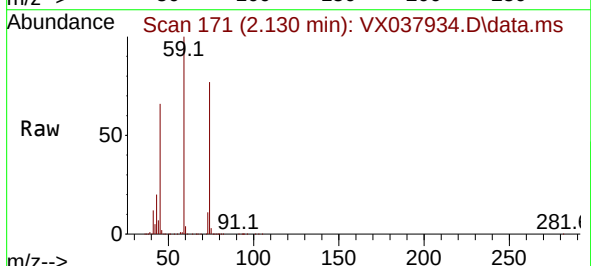
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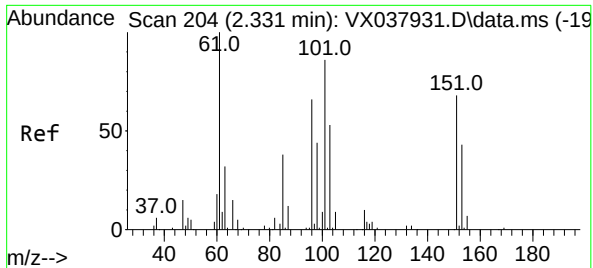
Reviewed By :John Carlone 09/28/2023
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#8
Diethyl Ether
Concen: 151.662 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion: 74 Resp: 263228
Ion Ratio Lower Upper
74 100
45 85.1 19.9 178.9





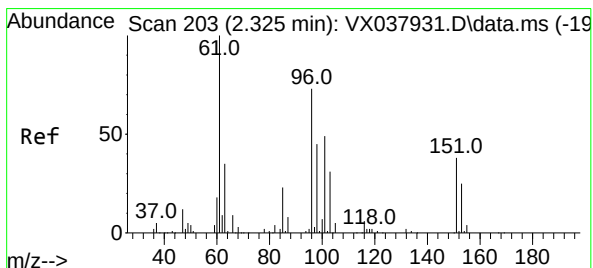
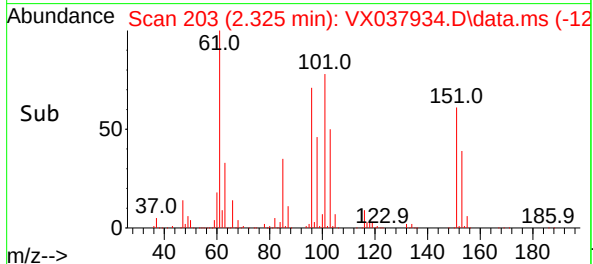
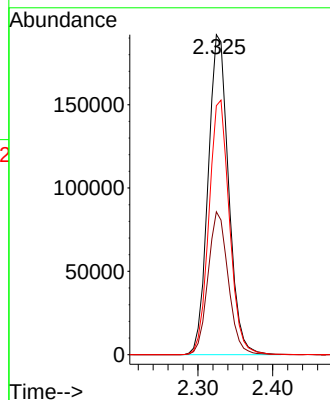
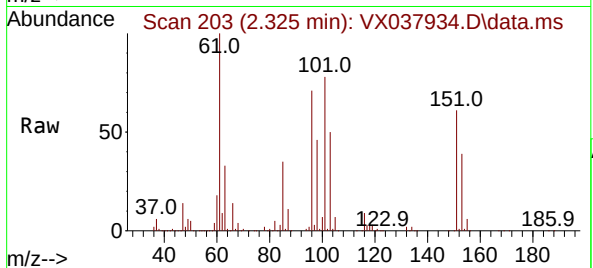
#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.613 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 36604
Ion Ratio Lower Upper
101 100
85 44.0 0.0 91.0
151 79.5 0.0 155.4

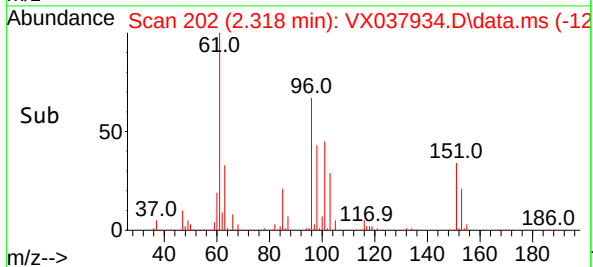
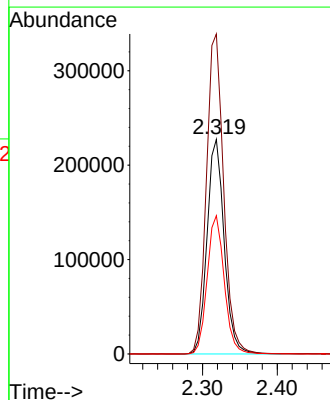
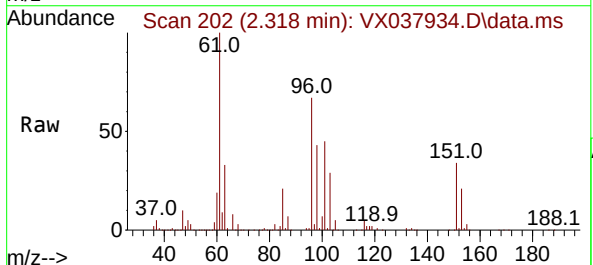
Manual Integrations
APPROVED

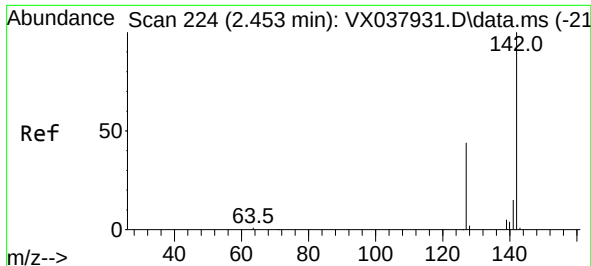
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#10
1,1-Dichloroethene
Concen: 154.112 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

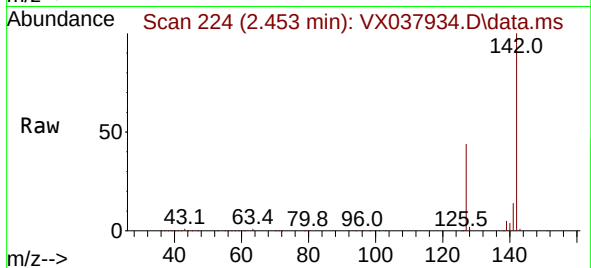
Tgt Ion: 96 Resp: 361837
Ion Ratio Lower Upper
96 100
61 149.2 127.2 190.8
98 64.4 52.7 79.1





#11
Methyl Iodide
Concen: 162.096 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

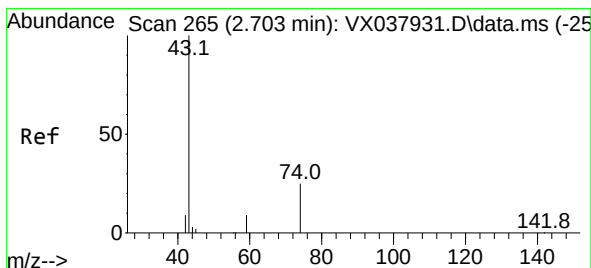
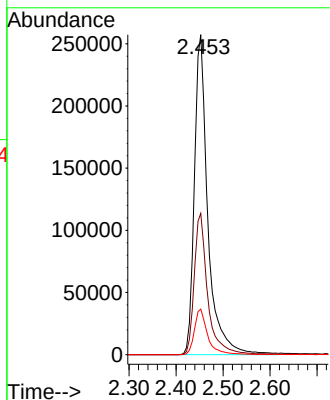
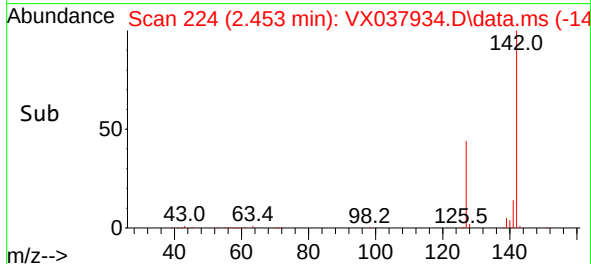
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 515079
Ion Ratio Lower Upper
142 100
127 44.2 22.9 68.8
141 14.2 7.5 22.6

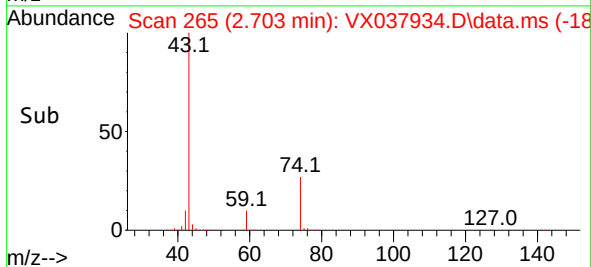
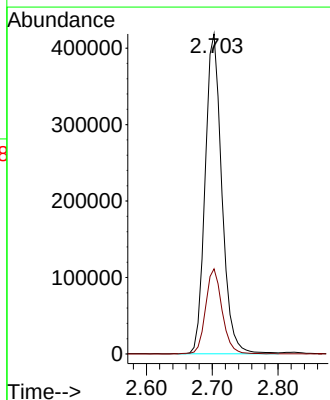
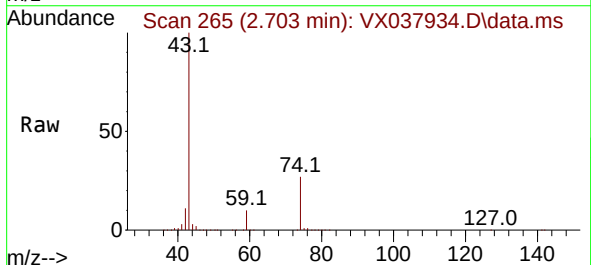
Manual Integrations
APPROVED

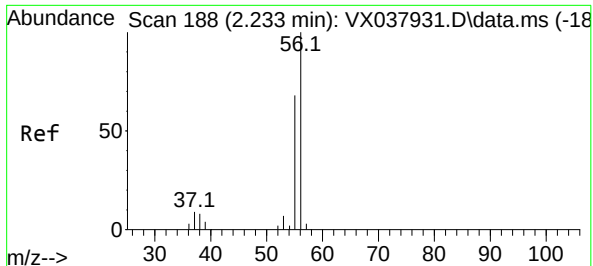
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#12
Methyl Acetate
Concen: 154.777 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

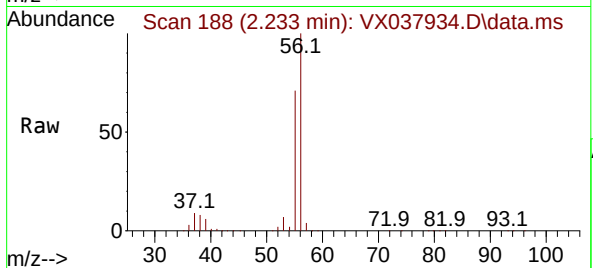
Tgt Ion: 43 Resp: 738633
Ion Ratio Lower Upper
43 100
74 26.6 20.3 30.5





#13
Acrolein
Concen: 759.803 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

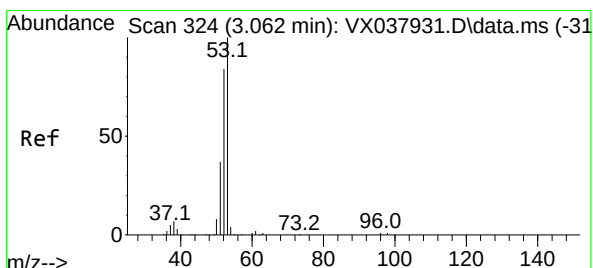
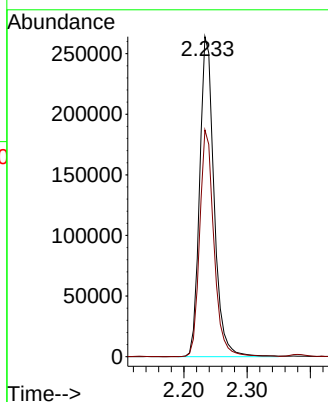
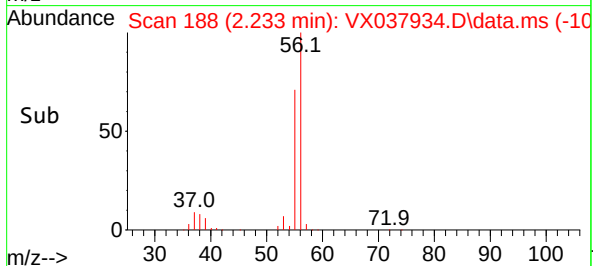
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 418427
Ion Ratio Lower Upper
56 100
55 70.4 59.7 89.5

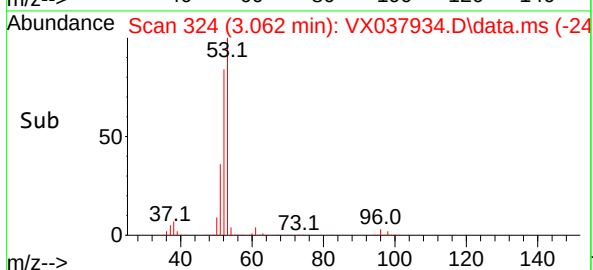
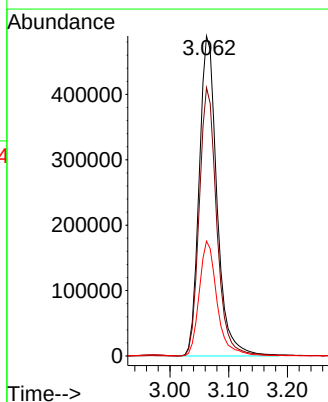
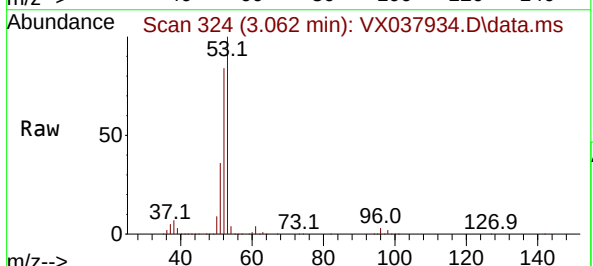
Manual Integrations
APPROVED

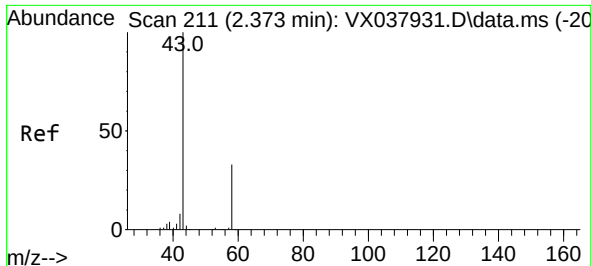
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#14
Acrylonitrile
Concen: 779.430 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

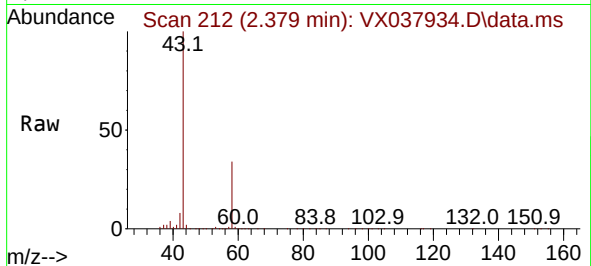
Tgt Ion: 53 Resp: 1026993
Ion Ratio Lower Upper
53 100
52 82.7 40.0 119.9
51 36.0 18.2 54.6





#15
Acetone
Concen: 733.324 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

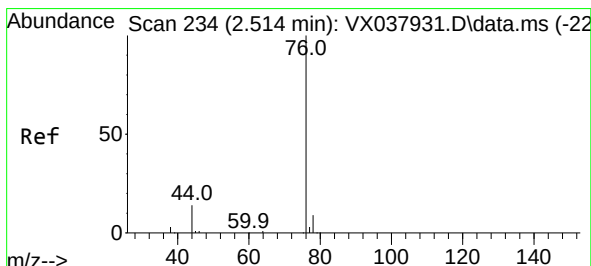
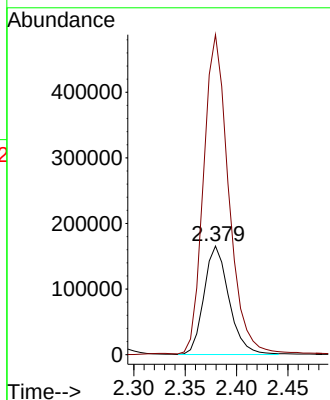
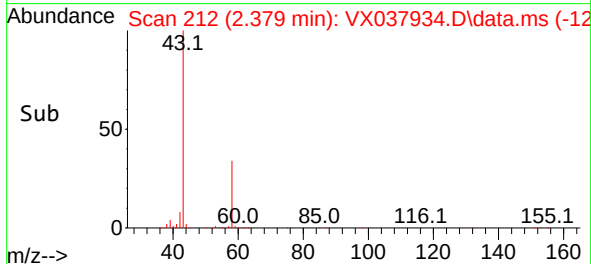
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



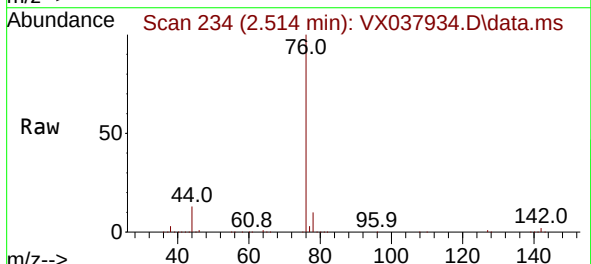
Tgt Ion: 58 Resp: 279490
Ion Ratio Lower Upper
58 100
43 294.4 261.0 391.4

Manual Integrations
APPROVED

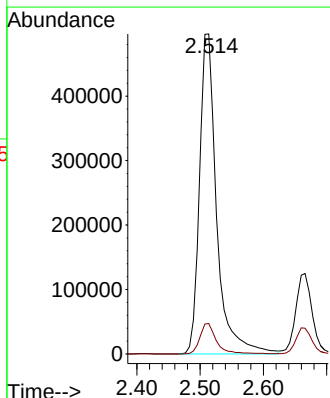
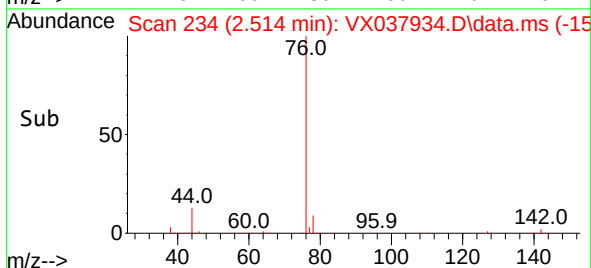
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

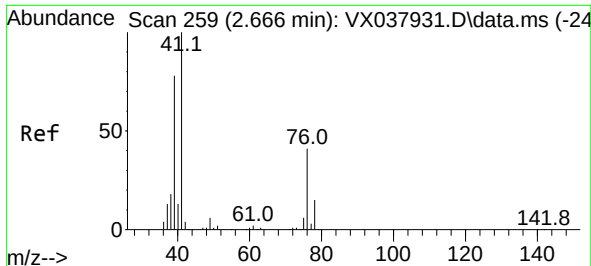


#16
Carbon Disulfide
Concen: 163.964 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59



Tgt Ion: 76 Resp: 939393
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0





#17
 Allyl chloride
 Concen: 157.634 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.006 min
 Lab File: VX037934.D
 Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

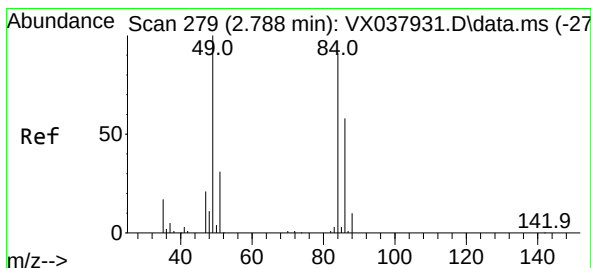
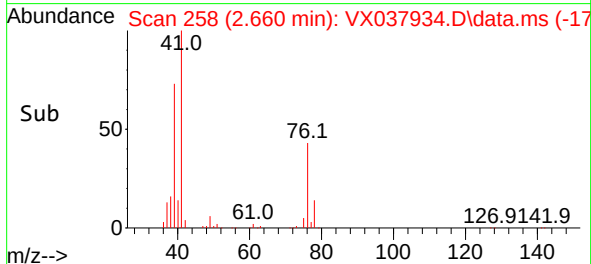
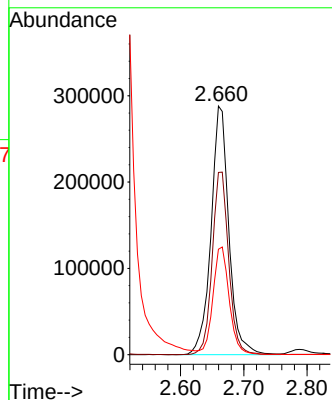
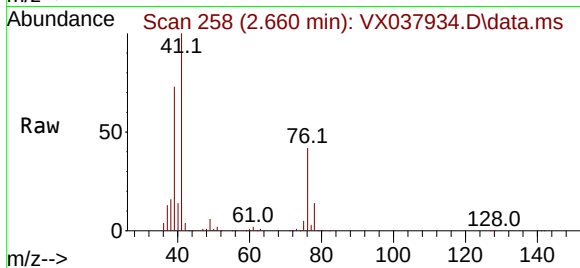
VSTDICC150

Tgt Ion: 41 Resp: 56661
 Ion Ratio Lower Upper
 41 100
 39 73.2 38.5 115.3
 76 42.3 18.6 55.8

Manual Integrations

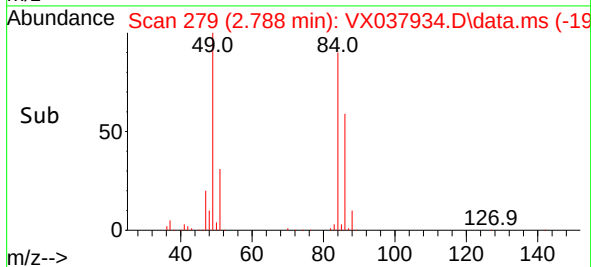
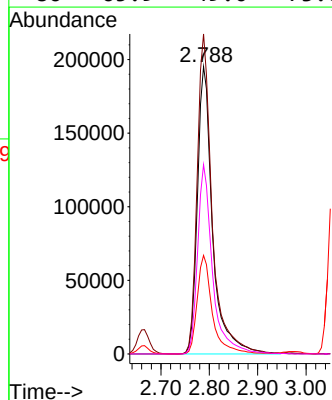
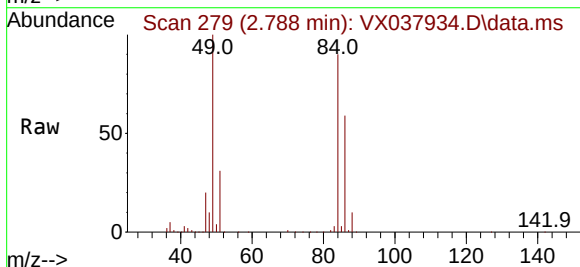
APPROVED

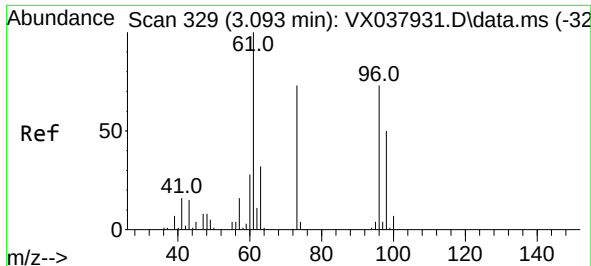
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#18
 Methylene Chloride
 Concen: 151.578 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX037934.D
 Acq: 27 Sep 2023 19:59

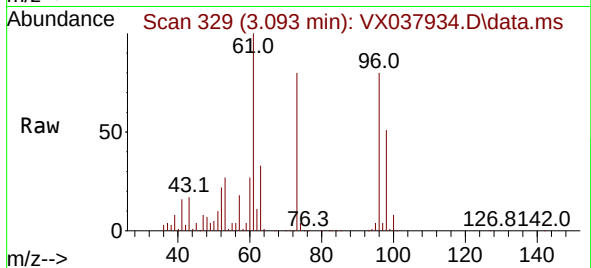
Tgt Ion: 84 Resp: 426540
 Ion Ratio Lower Upper
 84 100
 49 111.3 95.4 143.0
 51 34.3 28.3 42.5
 86 65.9 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 156.035 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

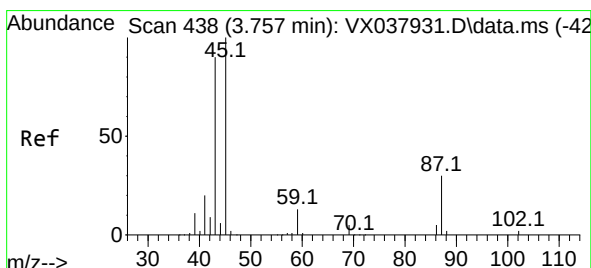
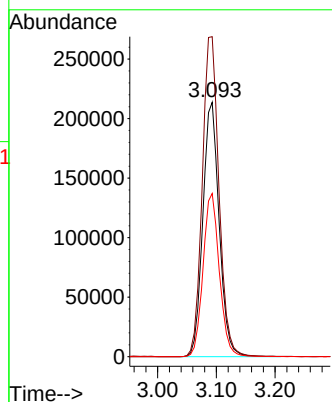
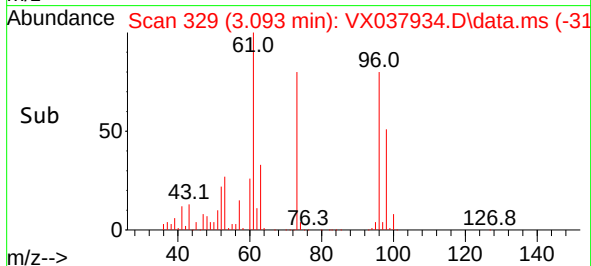
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



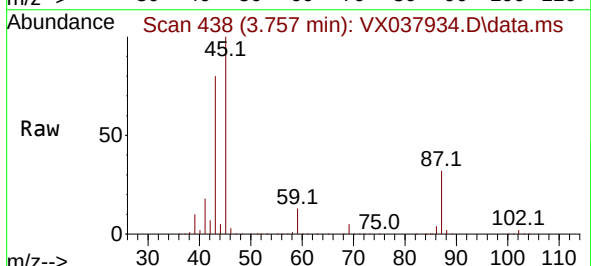
Tgt Ion: 96 Resp: 412911
Ion Ratio Lower Upper
96 100
61 125.7 108.7 163.1
98 64.1 49.1 73.7

Manual Integrations
APPROVED

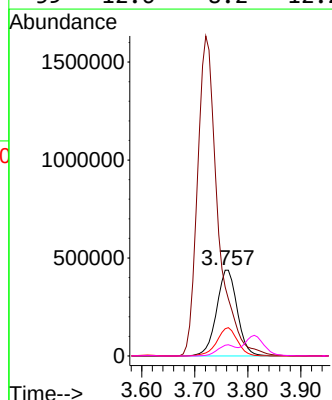
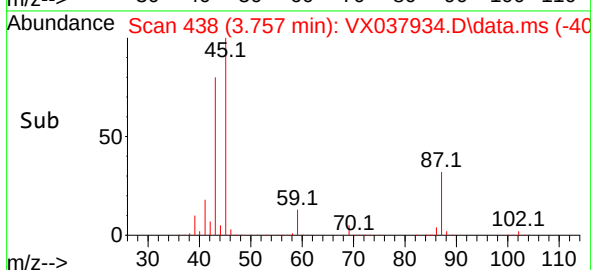
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

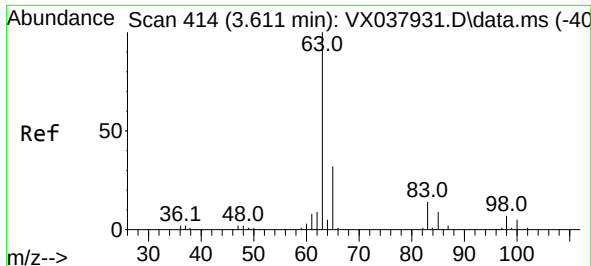


#20
Diisopropyl ether
Concen: 154.809 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59



Tgt Ion: 45 Resp: 1187991
Ion Ratio Lower Upper
45 100
43 80.0 55.8 83.6
87 31.7 23.0 34.4
59 12.6 8.2 12.2#





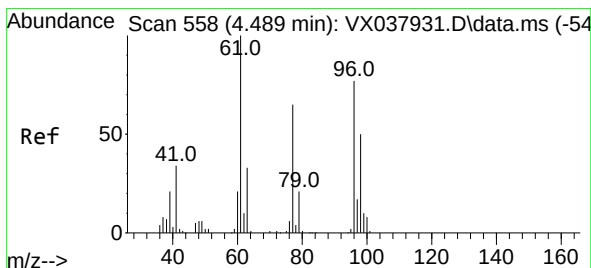
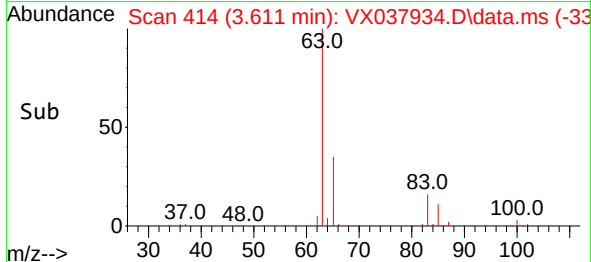
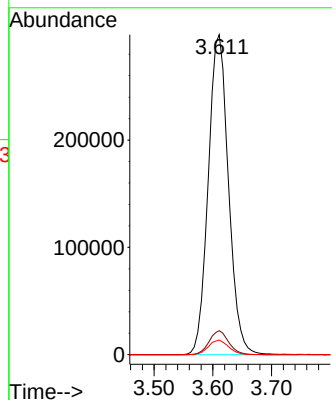
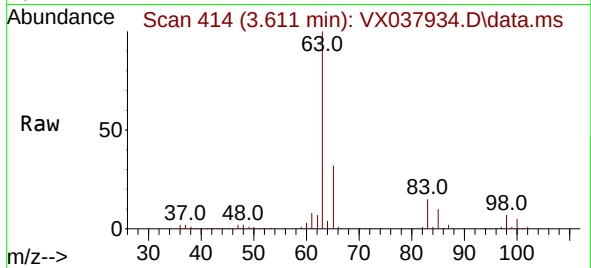
#21
1,1-Dichloroethane
Concen: 154.072 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 714348
Ion Ratio Lower Upper
63 100
98 7.5 3.2 9.6
100 4.5 2.3 6.8

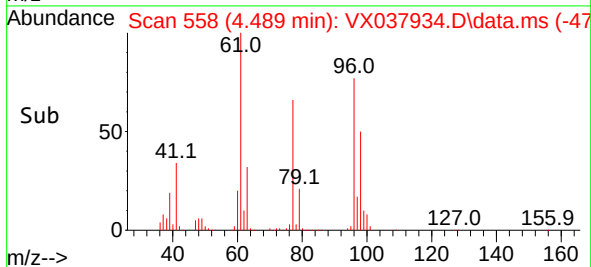
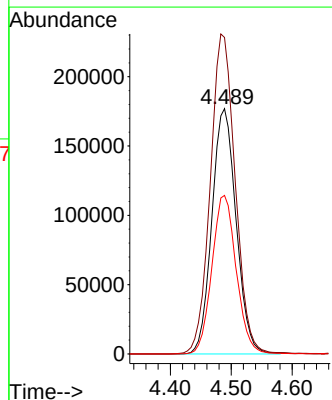
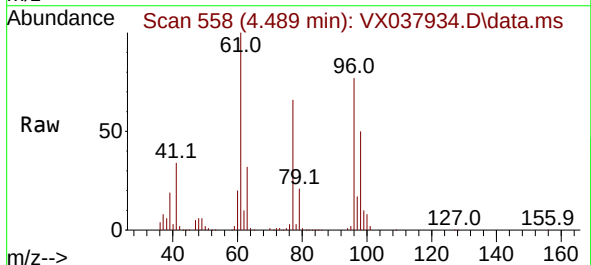
Manual Integrations
APPROVED

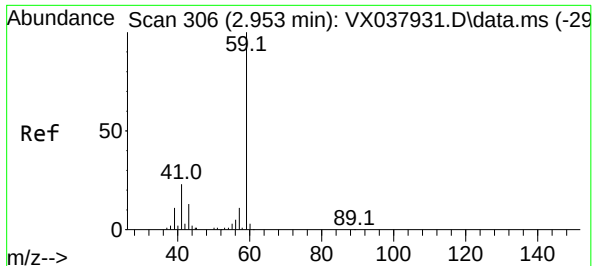
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#22
cis-1,2-Dichloroethene
Concen: 155.764 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion: 96 Resp: 489415
Ion Ratio Lower Upper
96 100
61 134.2 114.0 171.0
98 64.9 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 801.409 ug/l

RT: 2.971 min Scan# 309

Delta R.T. 0.018 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 59 Resp: 44045

Ion Ratio Lower Upper

59 100

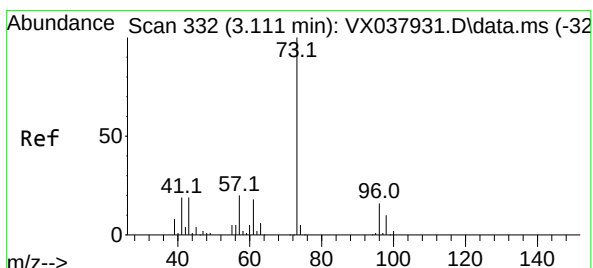
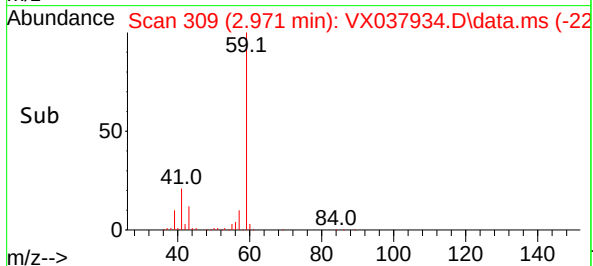
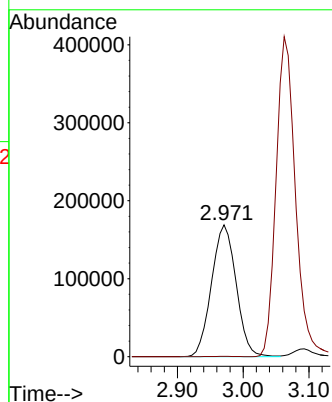
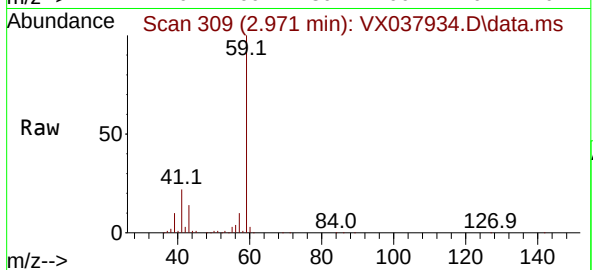
52 0.2 142.6 213.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#24

Methyl tert-Butyl Ether

Concen: 156.044 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX037934.D

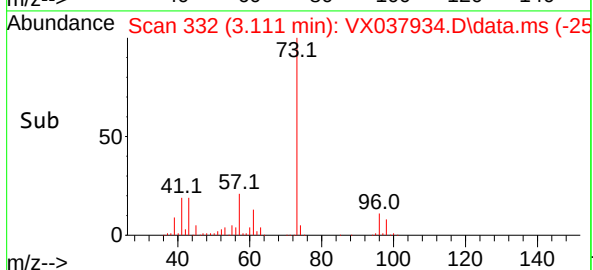
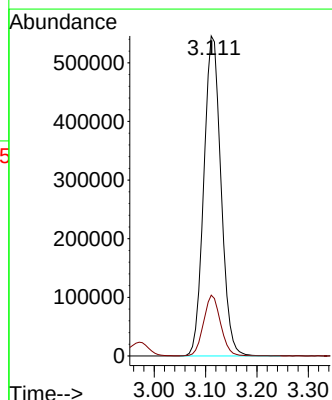
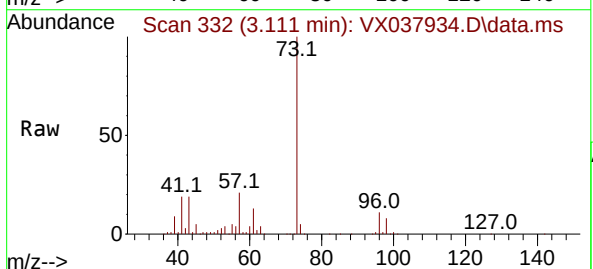
Acq: 27 Sep 2023 19:59

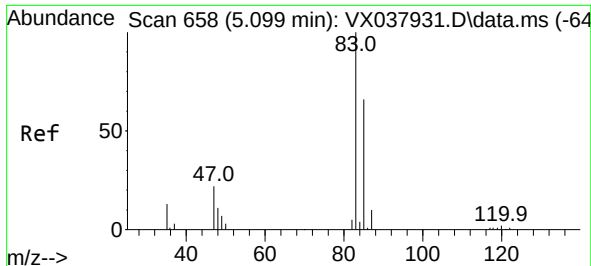
Tgt Ion: 73 Resp: 1268105

Ion Ratio Lower Upper

73 100

43 18.8 16.8 25.2





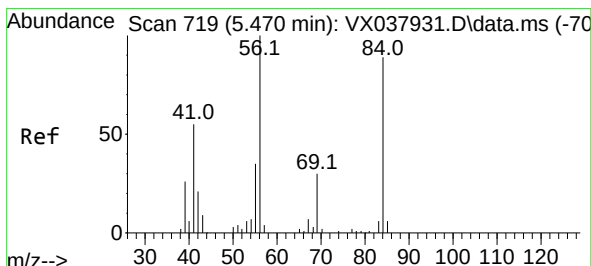
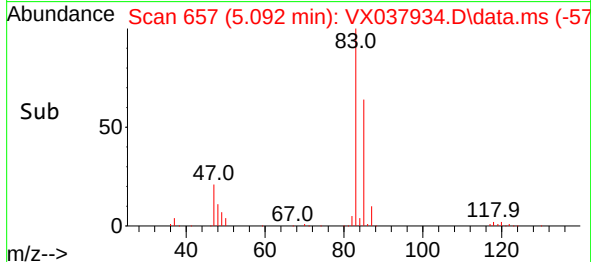
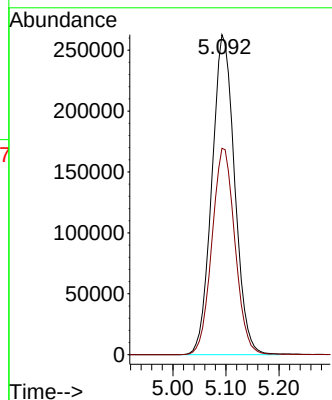
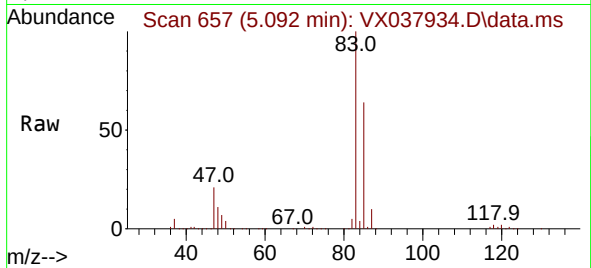
#25
Chloroform
Concen: 153.885 ug/l
RT: 5.092 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 78465
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3

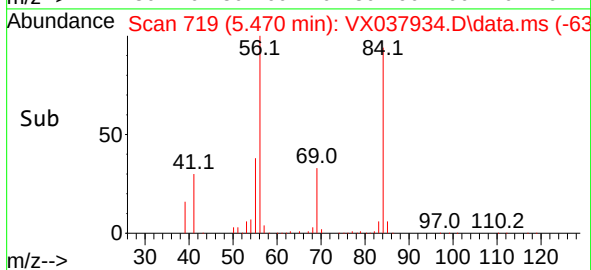
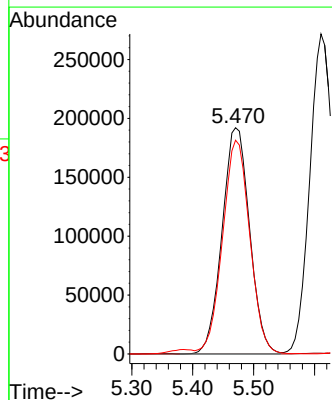
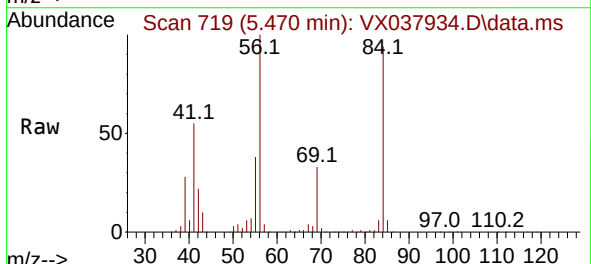
Manual Integrations
APPROVED

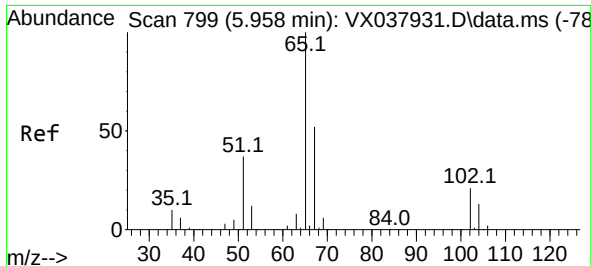
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#26
Cyclohexane
Concen: 152.730 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion: 56 Resp: 602634
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.5 71.4 107.2





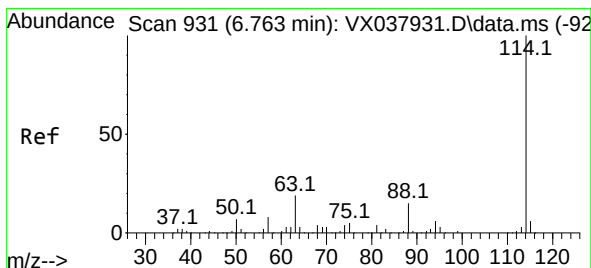
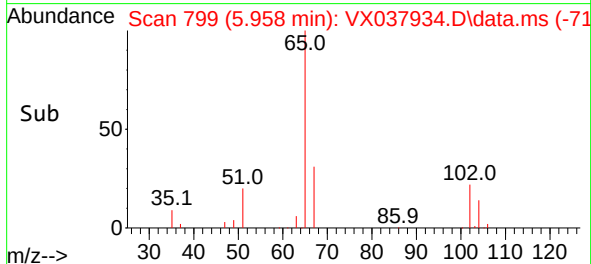
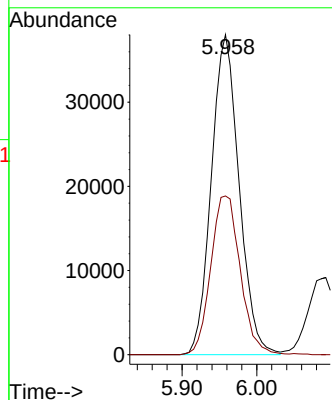
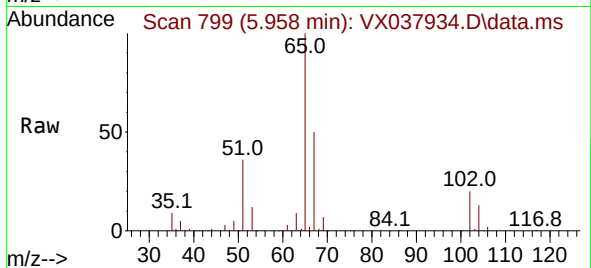
#27
1,2-Dichloroethane-d4
Concen: 29.991 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC150

Tgt Ion: 65 Resp: 98038
Ion Ratio Lower Upper
65 100
67 52.7 42.1 63.1

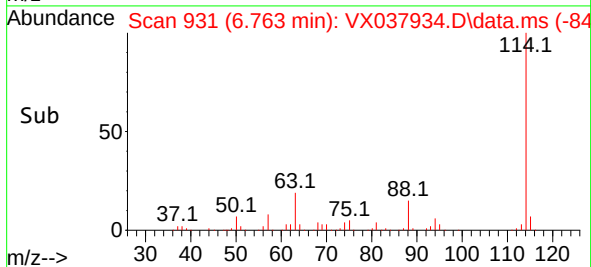
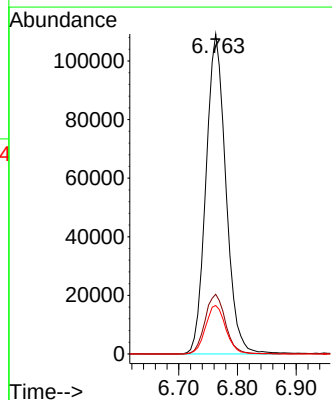
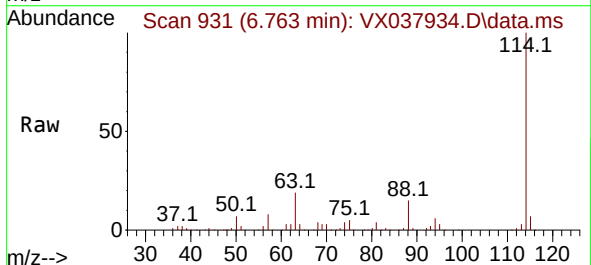
Manual Integrations
APPROVED

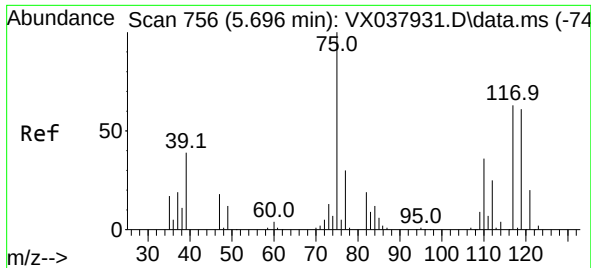
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion:114 Resp: 257390
Ion Ratio Lower Upper
114 100
63 19.1 16.6 24.8
88 15.4 12.9 19.3





#29
1,1-Dichloropropene
Concen: 151.752 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

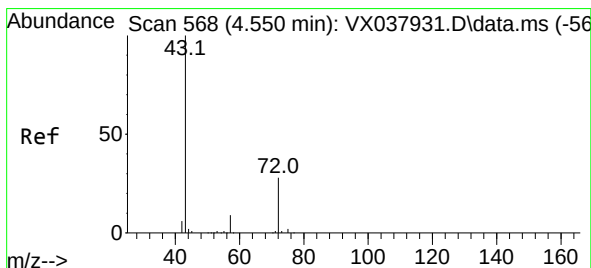
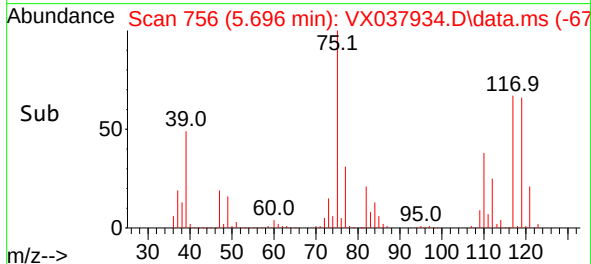
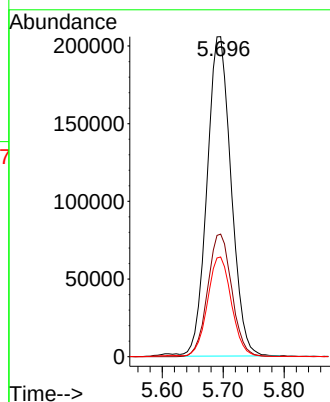
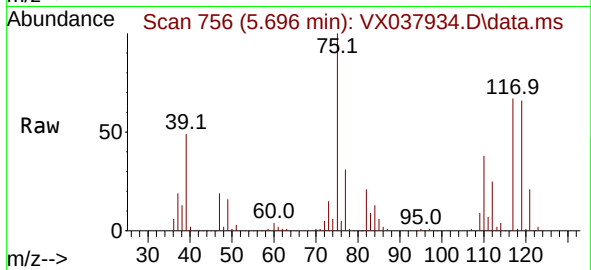
VSTDICC150

Tgt Ion: 75 Resp: 56462
Ion Ratio Lower Upper
75 100
110 38.7 0.0 70.4
77 31.1 0.0 62.8

Manual Integrations

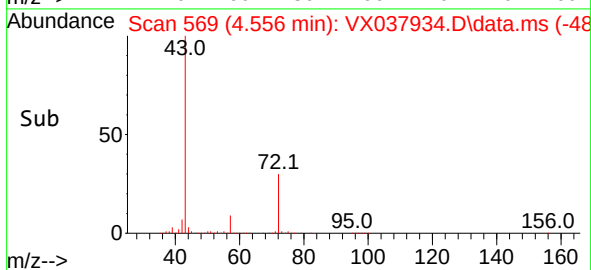
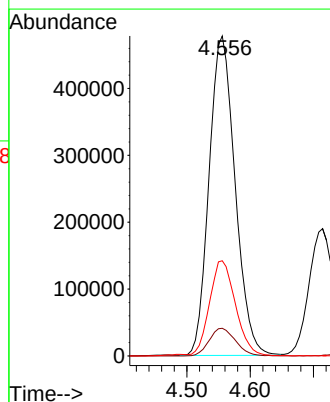
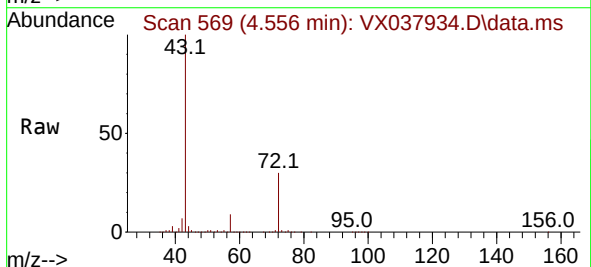
APPROVED

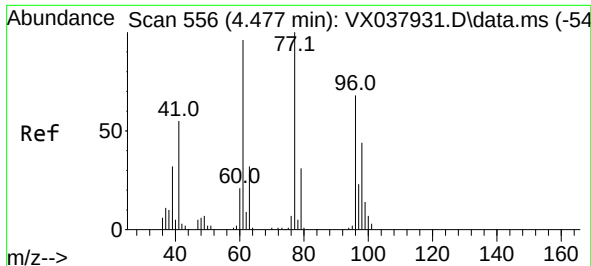
Reviewed By :John Carbone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#30
2-Butanone
Concen: 763.731 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

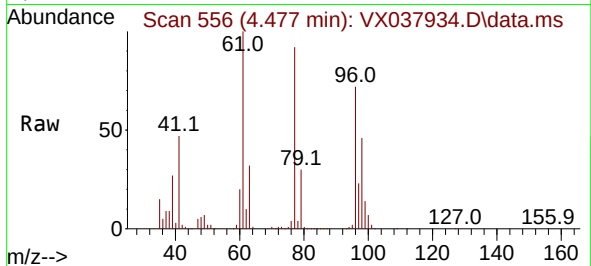
Tgt Ion: 43 Resp: 1363721
Ion Ratio Lower Upper
43 100
57 8.8 6.4 9.6
72 29.9 21.6 32.4





#31
2,2-Dichloropropane
Concen: 157.857 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

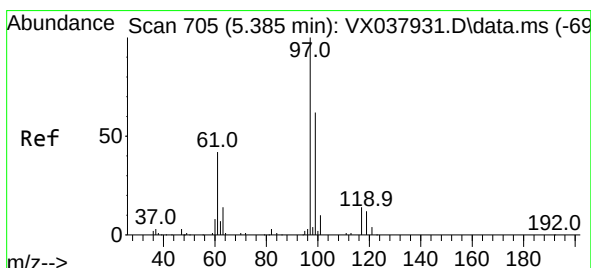
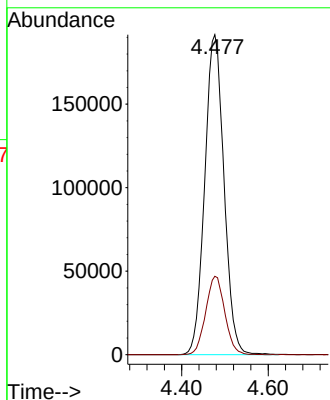
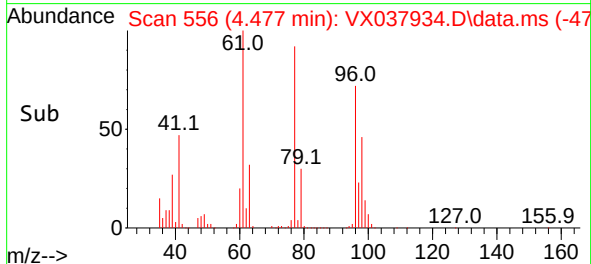
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 77 Resp: 591690
Ion Ratio Lower Upper
77 100
97 24.2 18.6 27.8

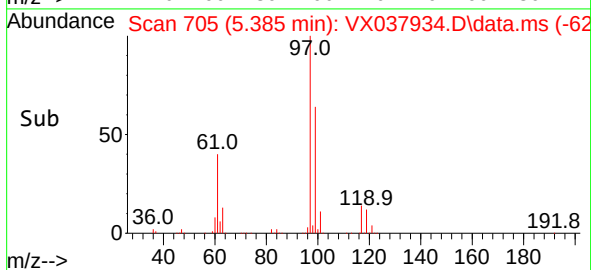
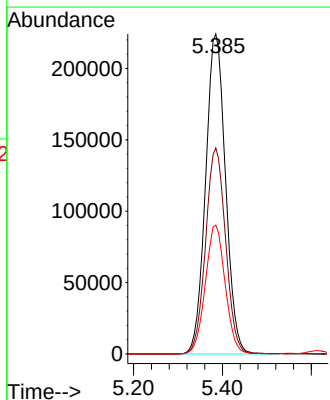
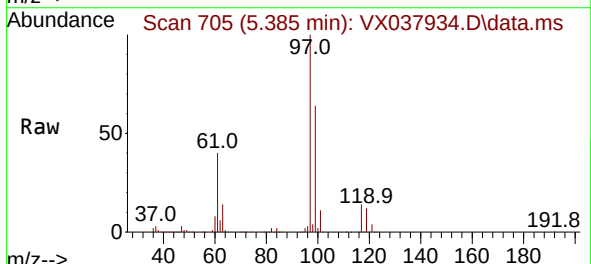
Manual Integrations
APPROVED

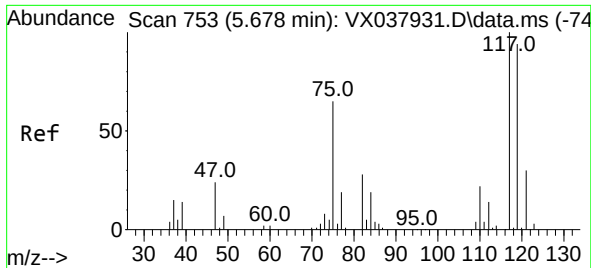
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#32
1,1,1-Trichloroethane
Concen: 156.729 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

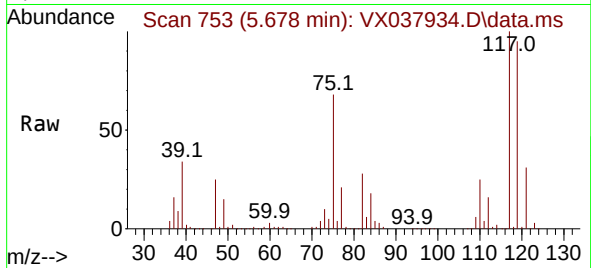
Tgt Ion: 97 Resp: 698749
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 40.2 35.8 53.8





#33
Carbon Tetrachloride
Concen: 161.960 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

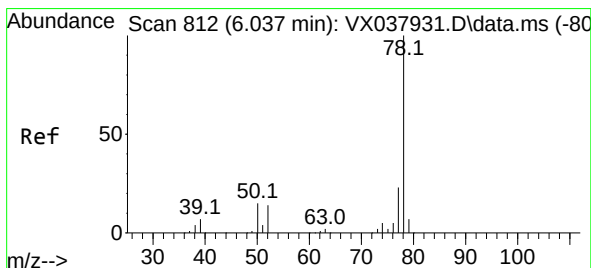
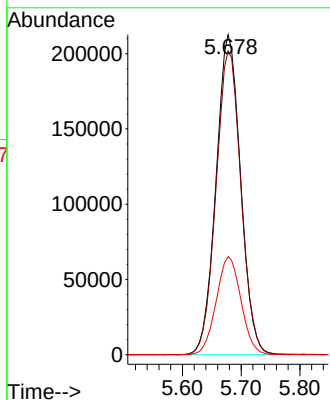
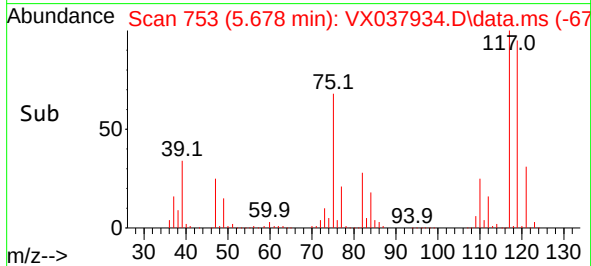
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 618118
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0
121 30.7 26.5 39.7

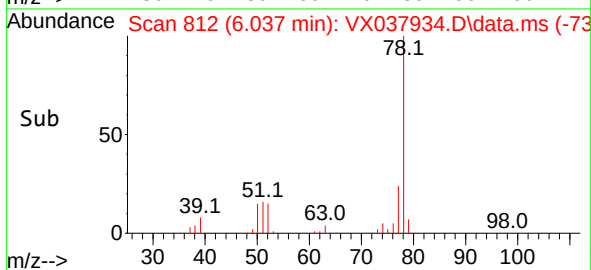
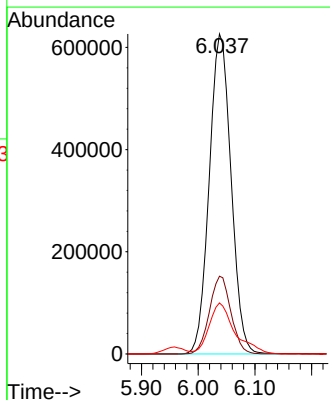
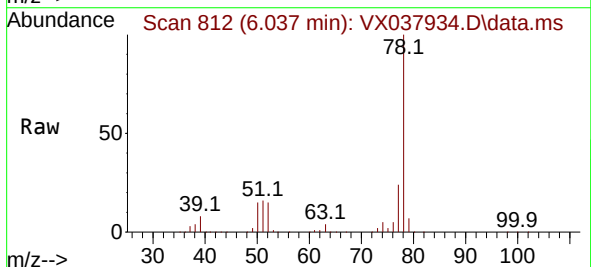
Manual Integrations
APPROVED

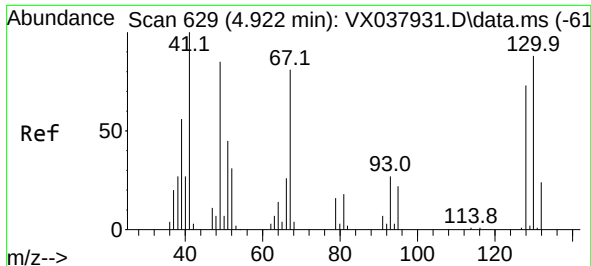
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#34
Benzene
Concen: 150.551 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

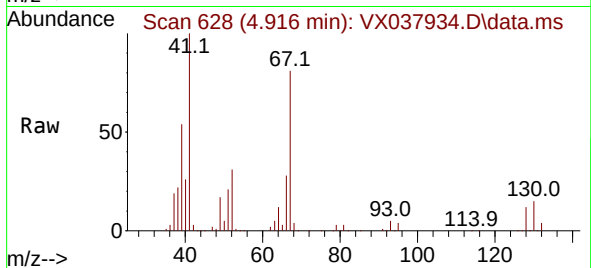
Tgt Ion: 78 Resp: 1673337
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1
51 15.8 14.2 21.4





#35
Methacrylonitrile
Concen: 158.210 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

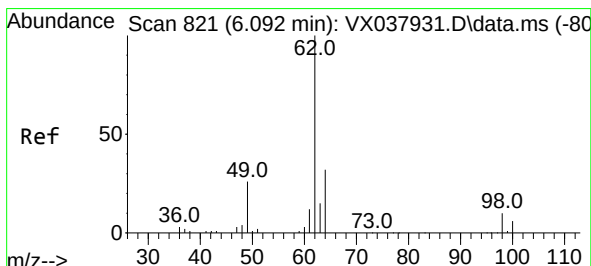
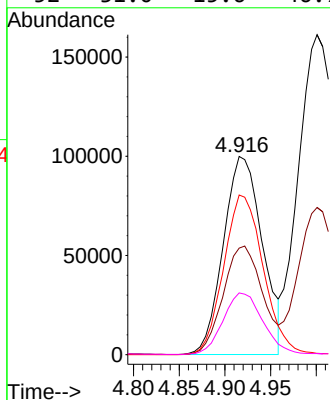
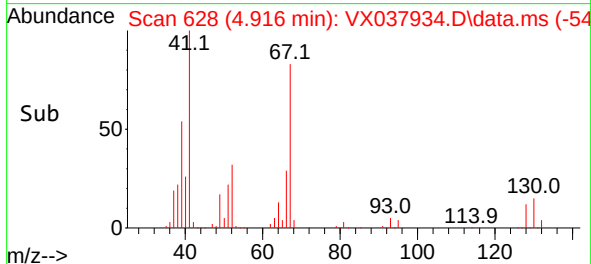
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 29700
Ion Ratio Lower Upper
41 100
39 53.7 28.2 84.7
67 80.6 35.0 105.1
52 31.0 15.6 46.7

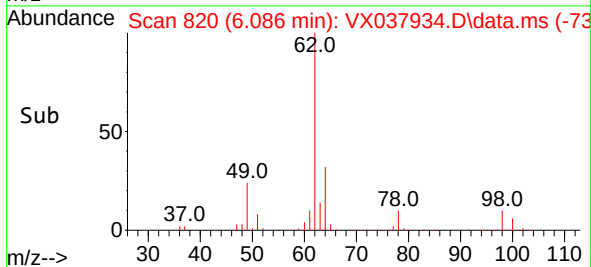
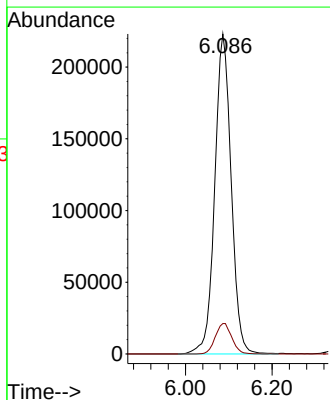
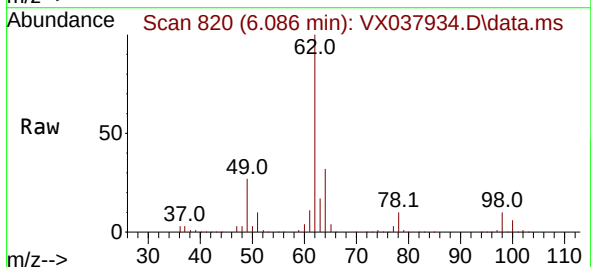
Manual Integrations
APPROVED

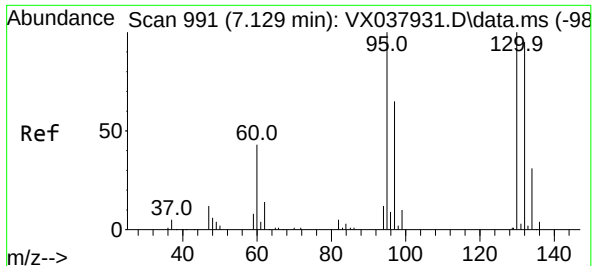
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#36
1,2-Dichloroethane
Concen: 149.286 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion: 62 Resp: 586962
Ion Ratio Lower Upper
62 100
98 9.5 7.0 10.6





#37

Trichloroethene

Concen: 154.724 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:130 Resp: 474410

Ion Ratio Lower Upper

130 100

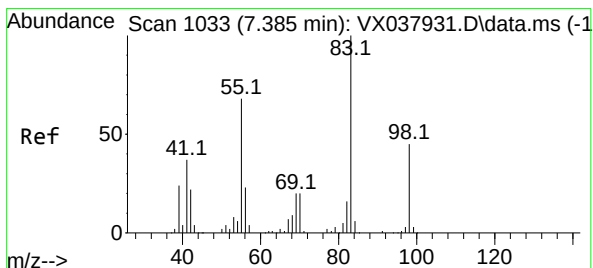
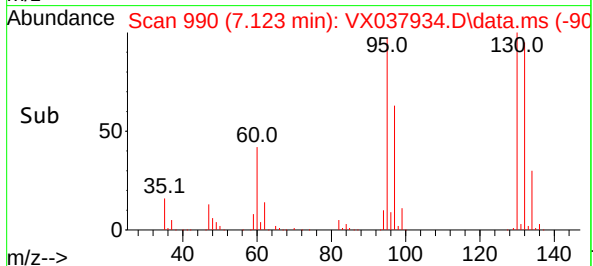
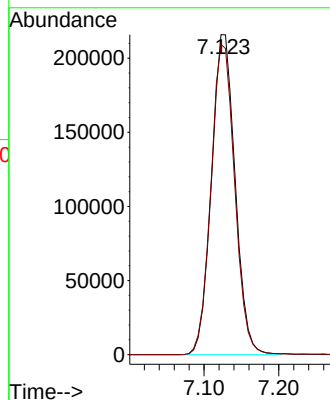
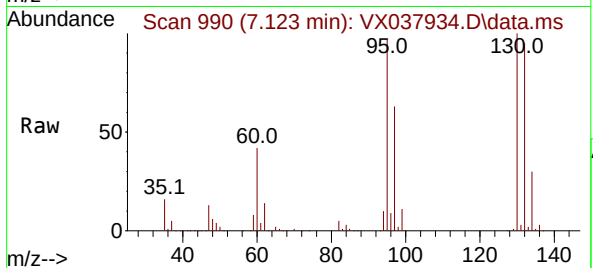
95 96.9 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#38

Methylcyclohexane

Concen: 153.549 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

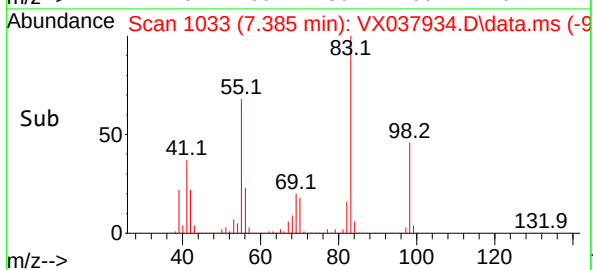
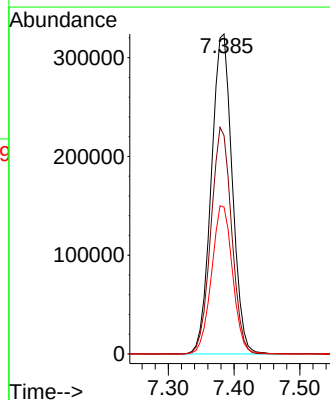
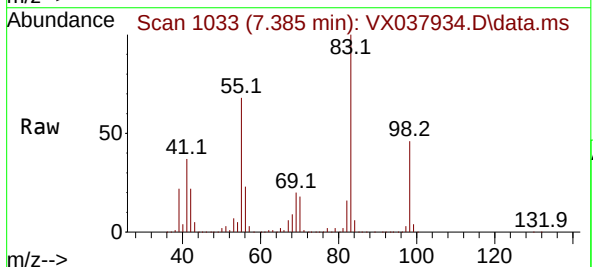
Tgt Ion: 83 Resp: 718091

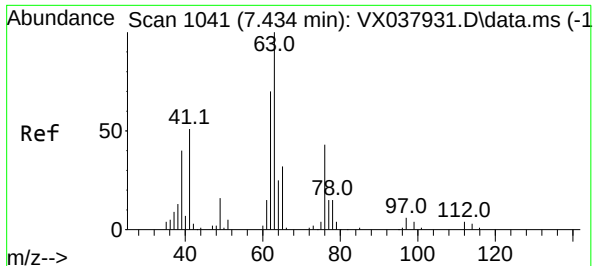
Ion Ratio Lower Upper

83 100

55 70.0 38.1 114.5

98 46.7 24.4 73.4





#39

1,2-Dichloropropane

Concen: 151.469 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 43070

Ion Ratio Lower Upper

63 100

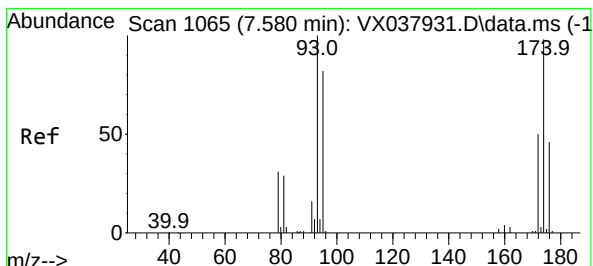
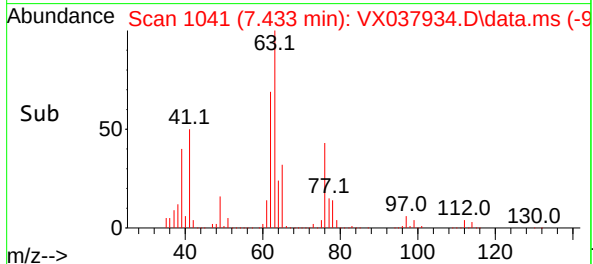
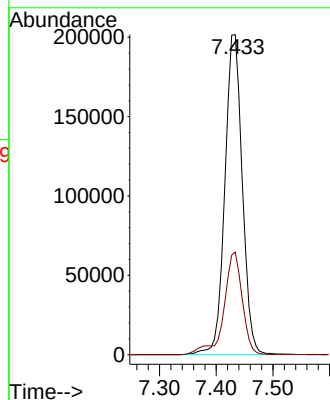
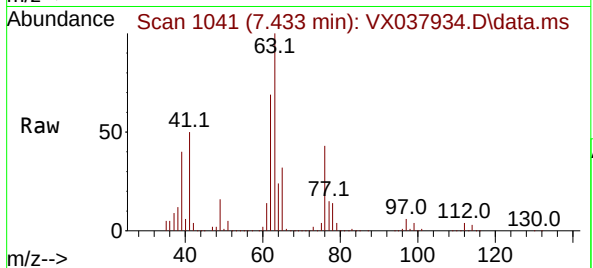
65 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#40

Dibromomethane

Concen: 155.776 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

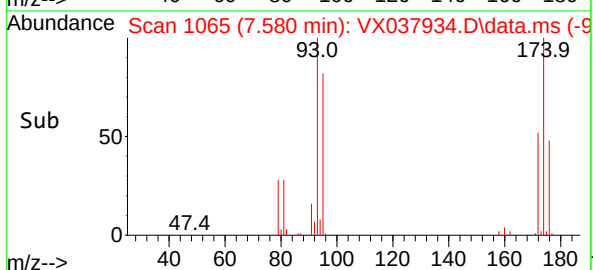
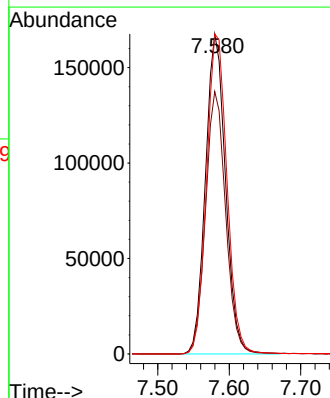
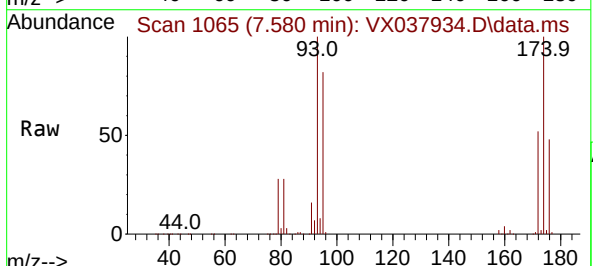
Tgt Ion: 93 Resp: 326851

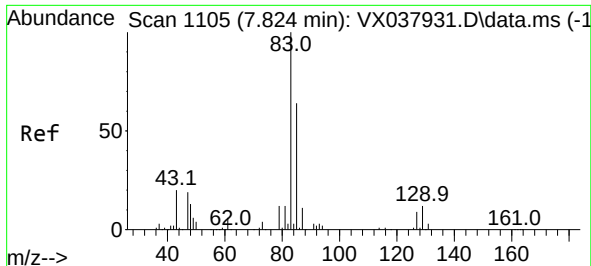
Ion Ratio Lower Upper

93 100

95 82.3 0.0 166.8

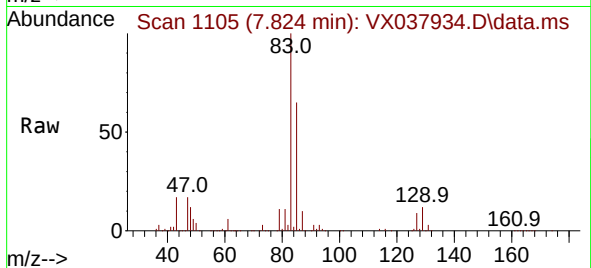
174 101.6 0.0 191.6





#41
Bromodichloromethane
Concen: 161.934 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

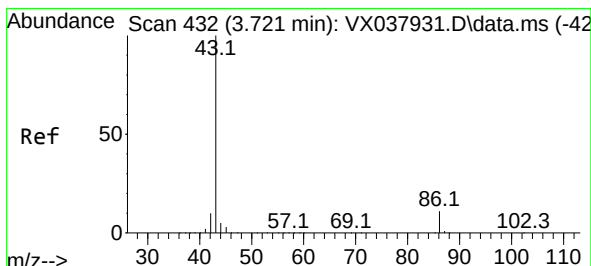
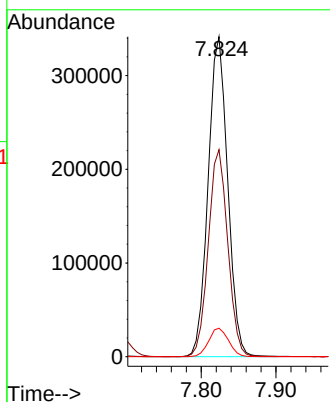
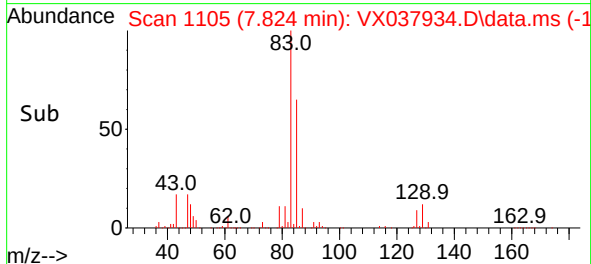
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 620333
Ion Ratio Lower Upper
83 100
85 64.7 51.5 77.3
127 8.9 6.4 9.6

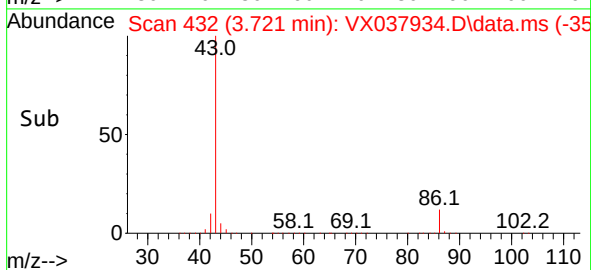
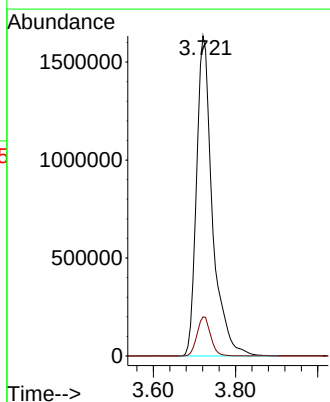
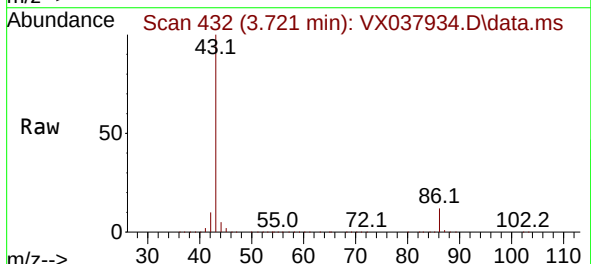
Manual Integrations
APPROVED

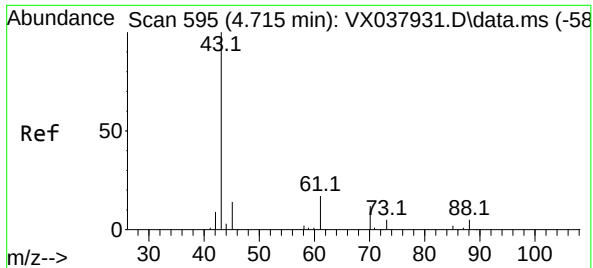
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#42
Vinyl Acetate
Concen: 777.511 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion: 43 Resp: 4376518
Ion Ratio Lower Upper
43 100
86 10.4 7.4 11.0





#43

Ethyl Acetate

Concen: 153.276 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 54106

Ion Ratio Lower Upper

43 100

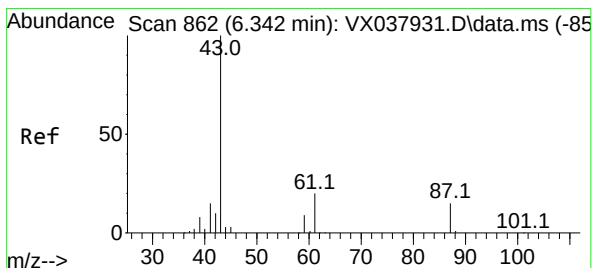
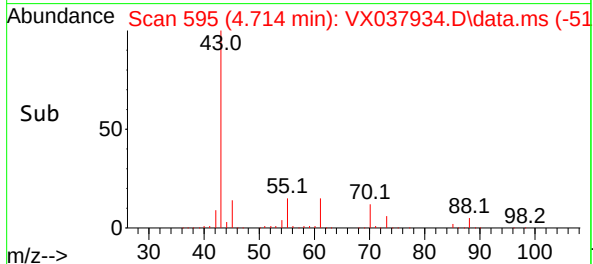
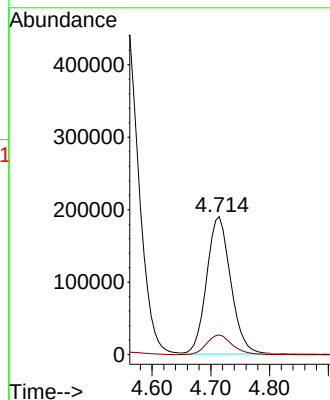
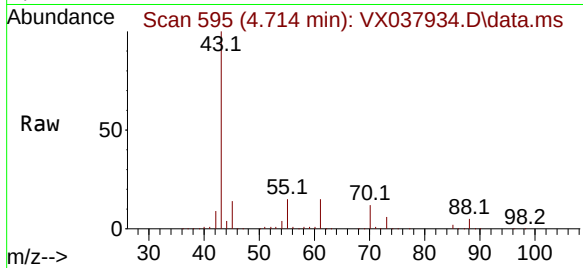
45 15.2 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#44

Isopropyl Acetate

Concen: 159.436 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037934.D

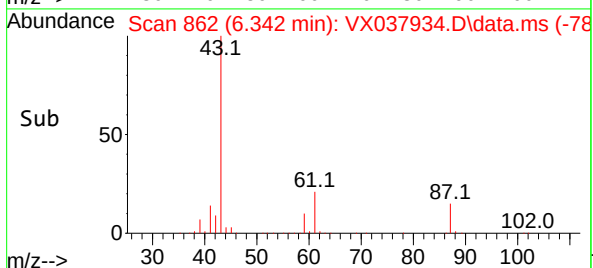
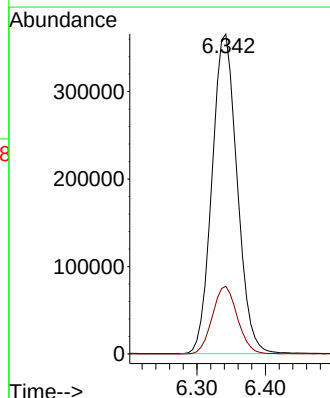
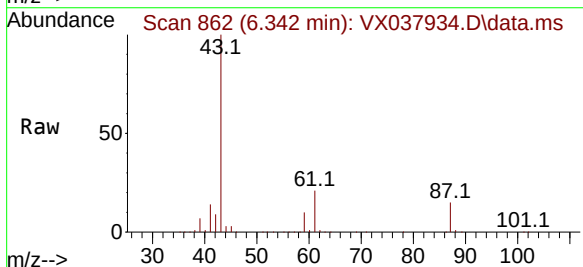
Acq: 27 Sep 2023 19:59

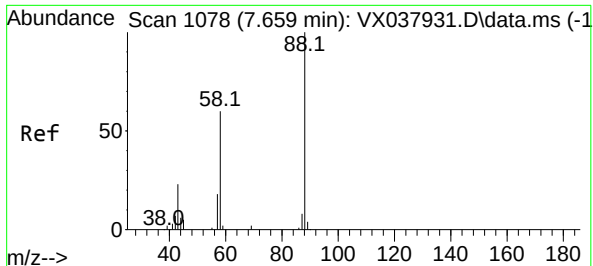
Tgt Ion: 43 Resp: 931082

Ion Ratio Lower Upper

43 100

61 21.0 15.4 23.0





#45

1,4-Dioxane

Concen: 3097.160 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

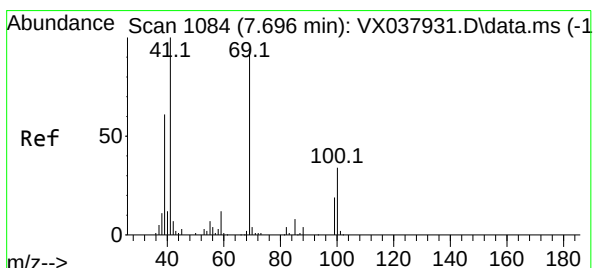
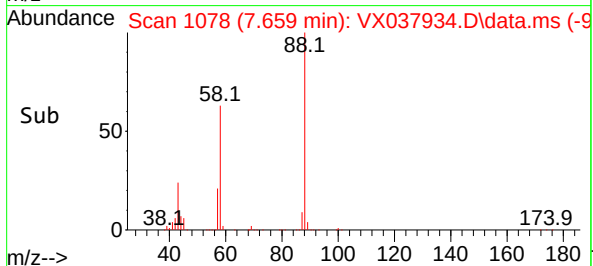
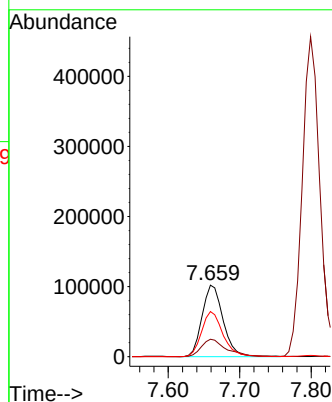
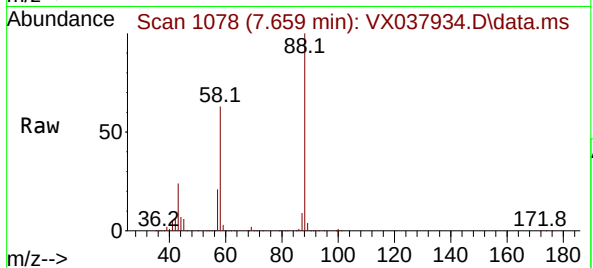
Tgt Ion: 88 Resp: 208424
 Ion Ratio Lower Upper
 88 100
 43 28.4 297.5 446.3
 58 64.2 1.0 1.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#46

Methyl methacrylate

Concen: 160.351 ug/l

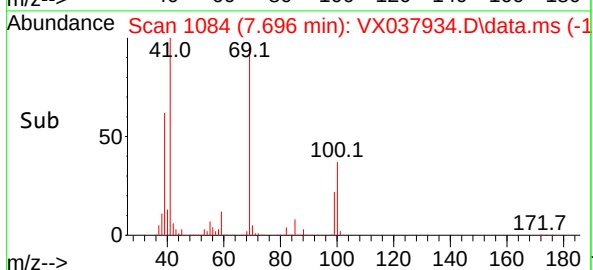
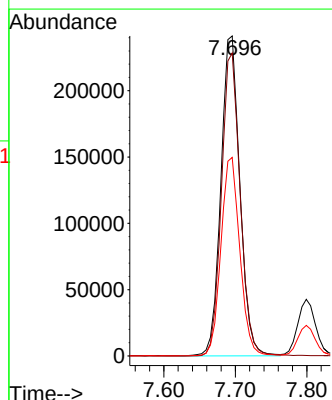
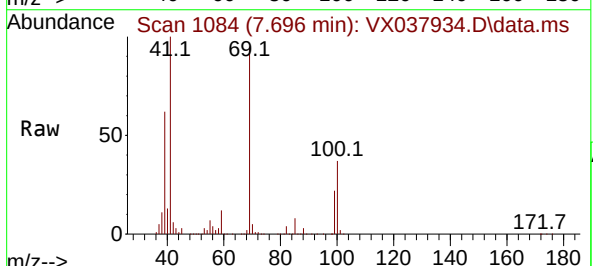
RT: 7.696 min Scan# 1084

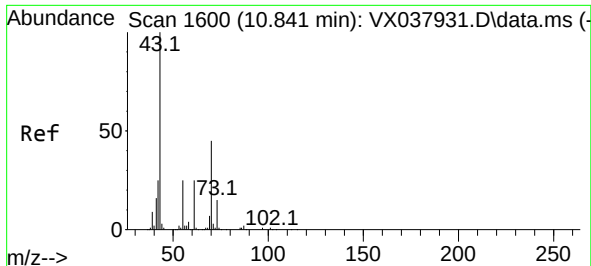
Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

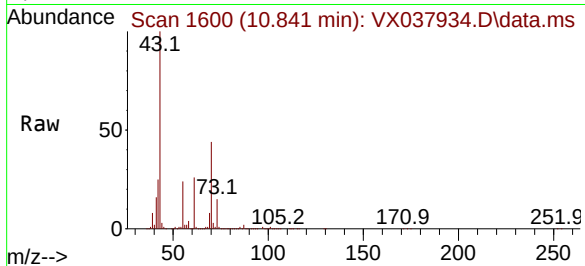
Tgt Ion: 41 Resp: 445136
 Ion Ratio Lower Upper
 41 100
 69 94.7 44.4 133.1
 39 62.0 34.9 104.7





#47
n-amy1 Acetate
Concen: 166.118 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

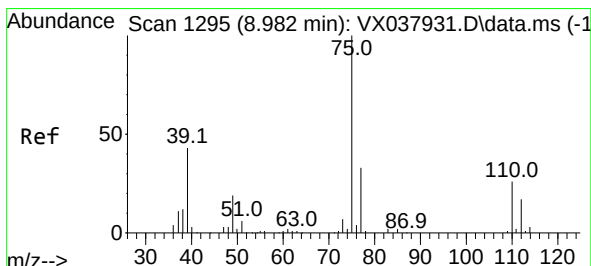
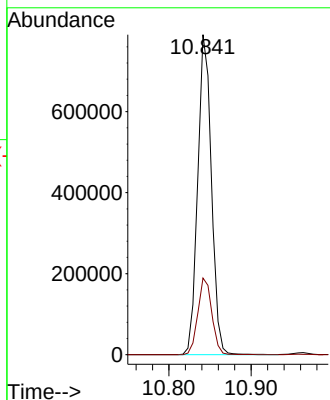
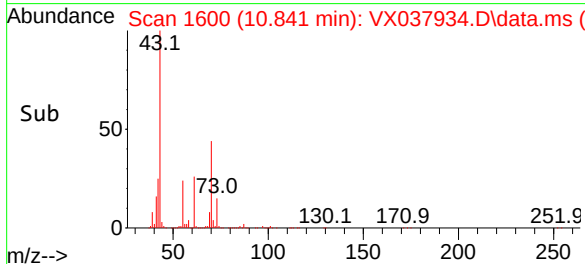
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 912705
Ion Ratio Lower Upper
43 100
55 24.5 18.6 28.0

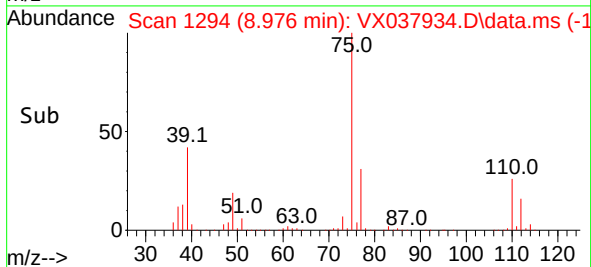
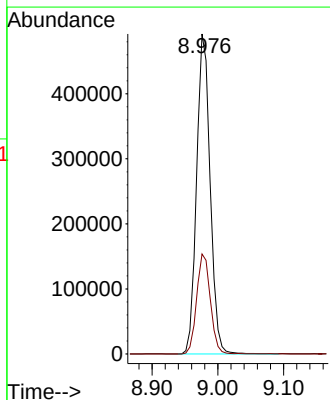
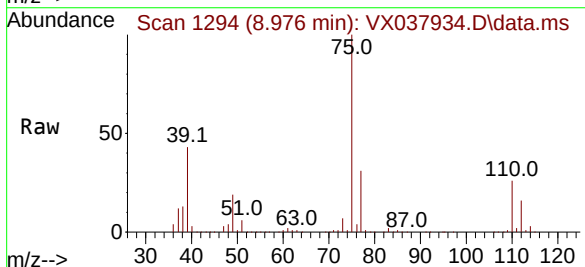
Manual Integrations
APPROVED

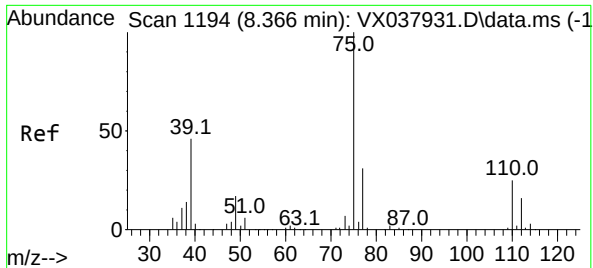
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#48
t-1,3-Dichloropropene
Concen: 169.026 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion: 75 Resp: 703404
Ion Ratio Lower Upper
75 100
77 31.3 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 163.163 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 729194

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

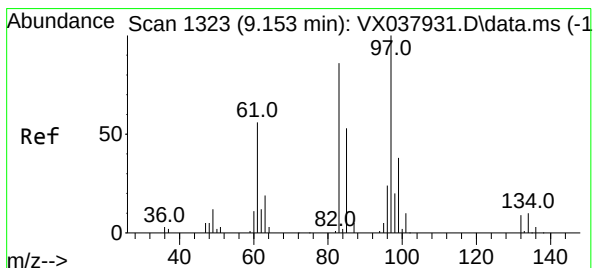
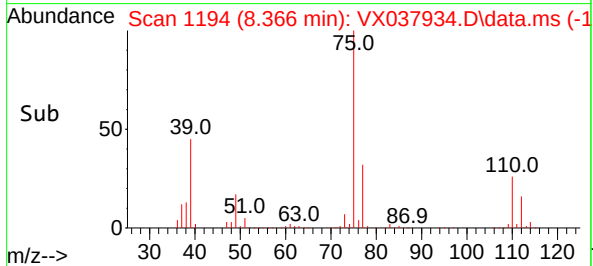
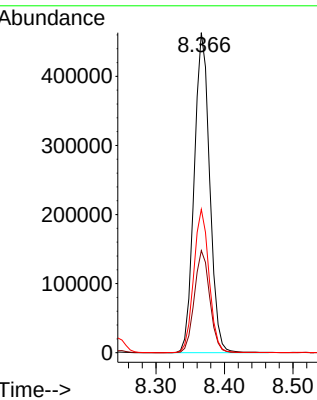
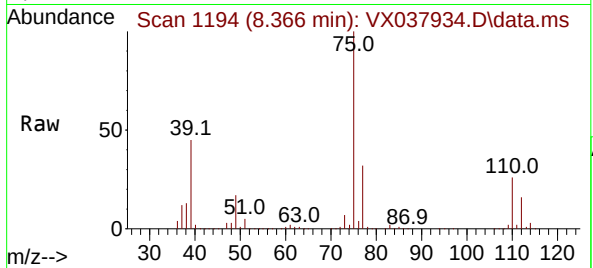
39 44.8 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#50

1,1,2-Trichloroethane

Concen: 156.502 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

Tgt Ion: 97 Resp: 469258

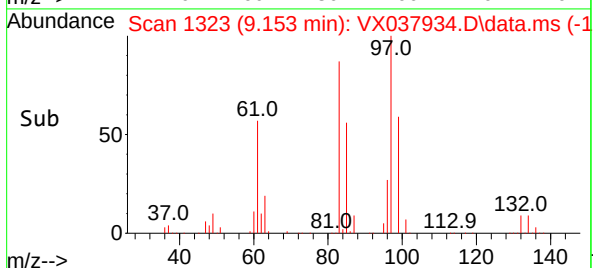
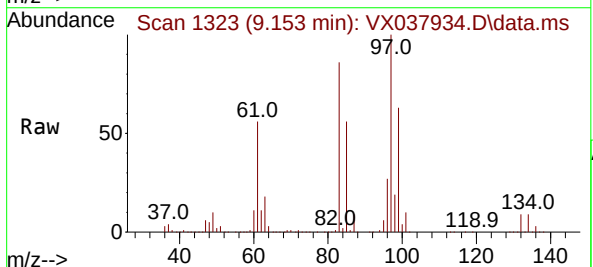
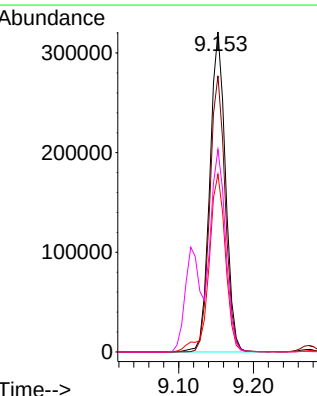
Ion Ratio Lower Upper

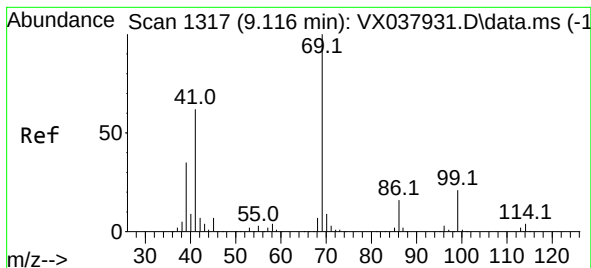
97 100

83 86.3 70.0 105.0

85 55.6 46.1 69.1

99 63.3 52.5 78.7





#51

Ethyl methacrylate

Concen: 164.995 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 69 Resp: 72896

Ion Ratio Lower Upper

69 100

41 59.6 32.0 96.0

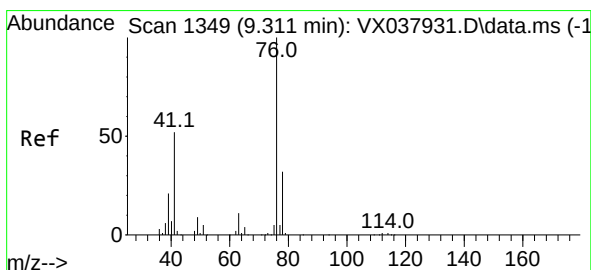
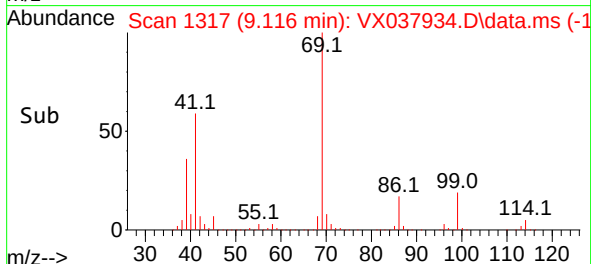
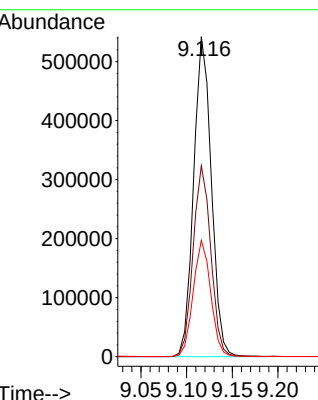
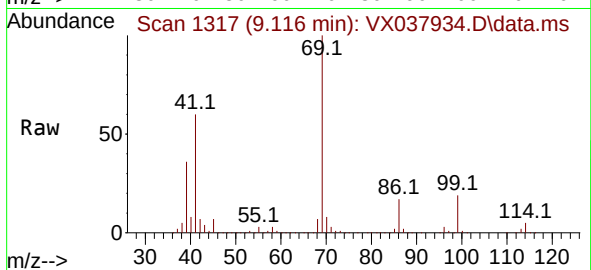
39 36.3 19.4 58.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#52

1,3-Dichloropropane

Concen: 153.658 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VX037934.D

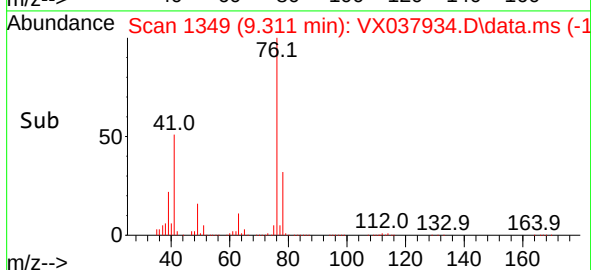
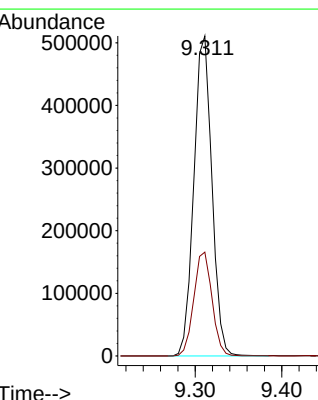
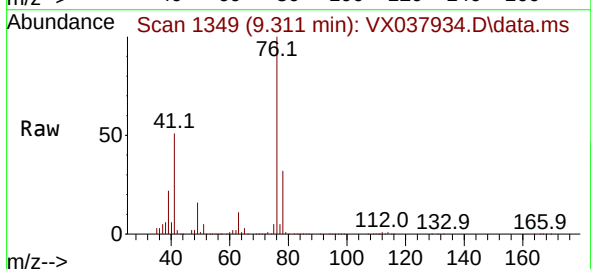
Acq: 27 Sep 2023 19:59

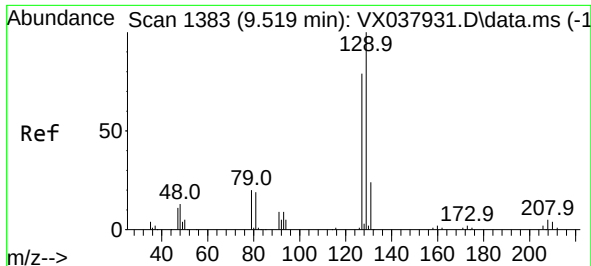
Tgt Ion: 76 Resp: 739074

Ion Ratio Lower Upper

76 100

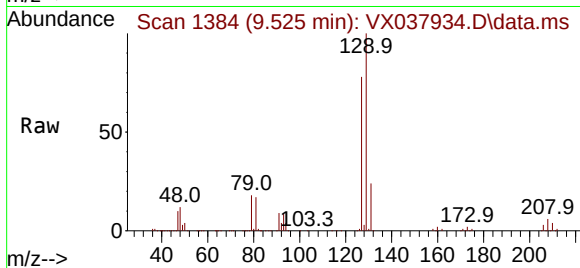
78 32.7 0.0 63.6





#53
Dibromochloromethane
Concen: 170.413 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

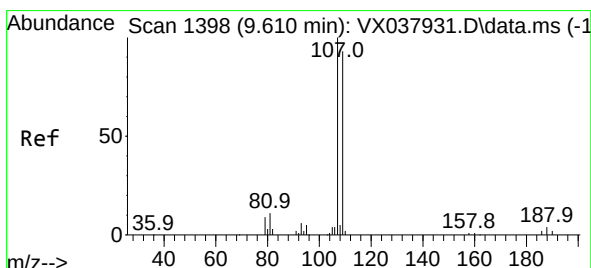
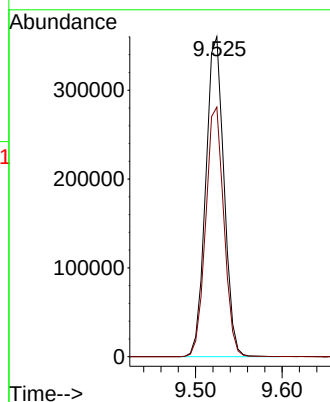
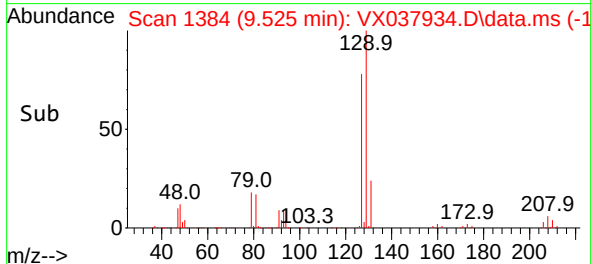
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:129 Resp: 526610
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8

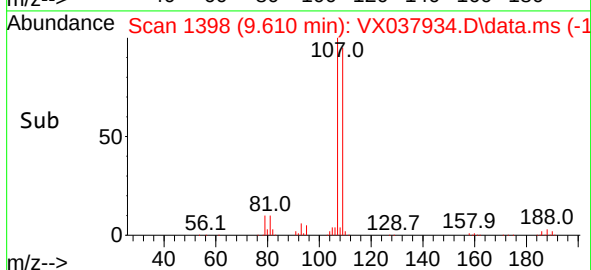
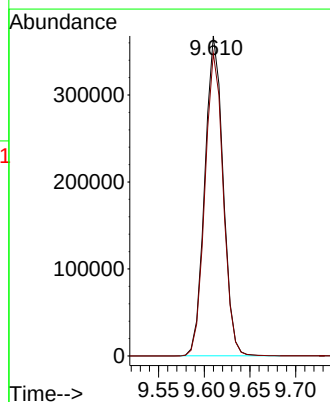
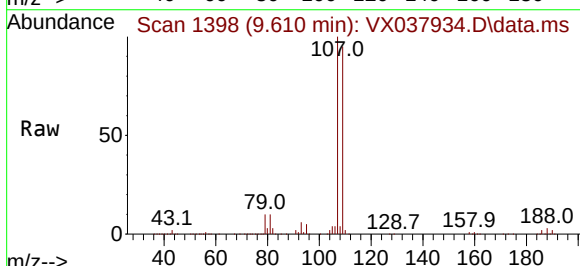
Manual Integrations
APPROVED

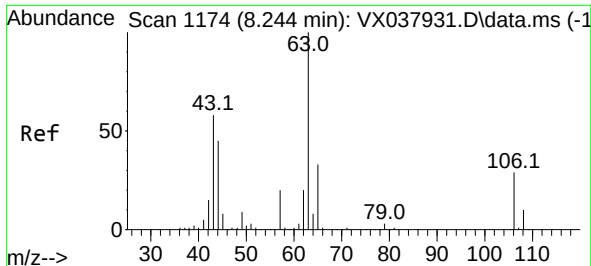
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#54
1,2-Dibromoethane
Concen: 157.061 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion:107 Resp: 511037
Ion Ratio Lower Upper
107 100
109 94.6 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 789.393 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 1700100

Ion Ratio Lower Upper

63 100

65 33.0 25.9 38.9

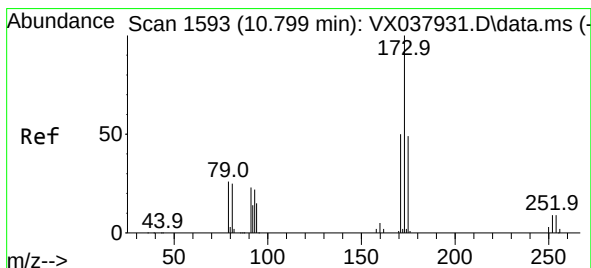
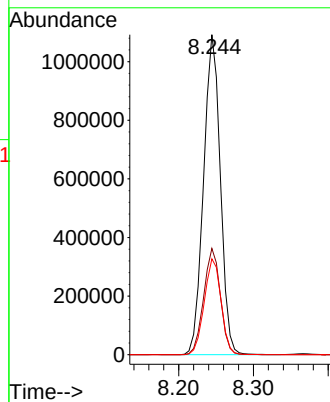
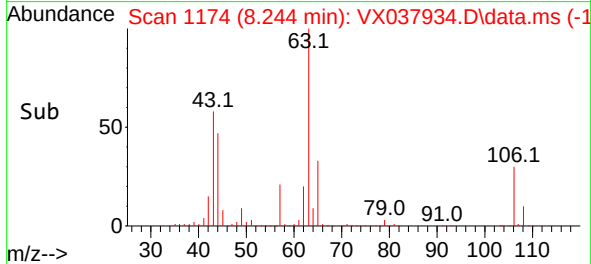
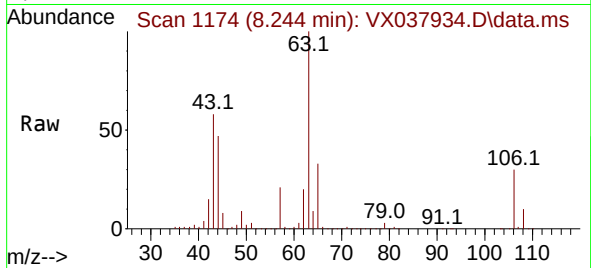
106 30.1 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#56

Bromoform

Concen: 182.101 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

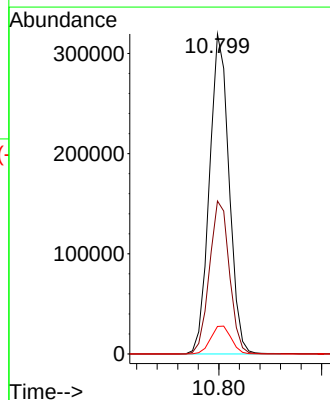
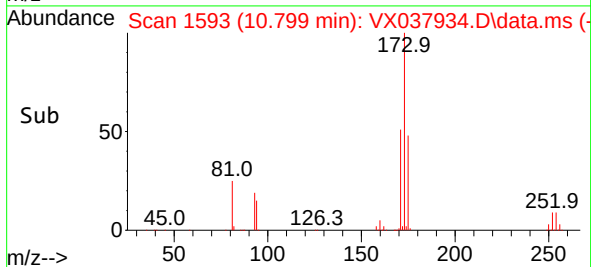
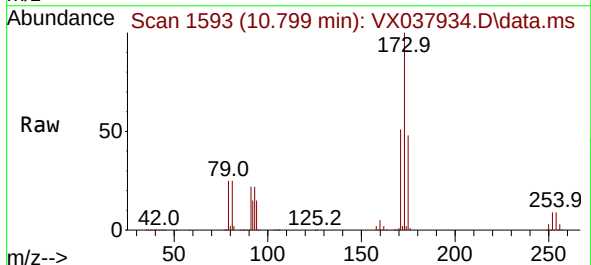
Tgt Ion:173 Resp: 423247

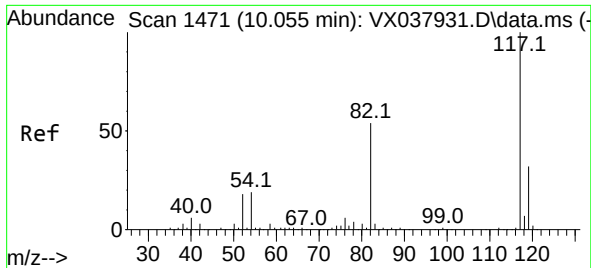
Ion Ratio Lower Upper

173 100

175 48.7 38.1 57.1

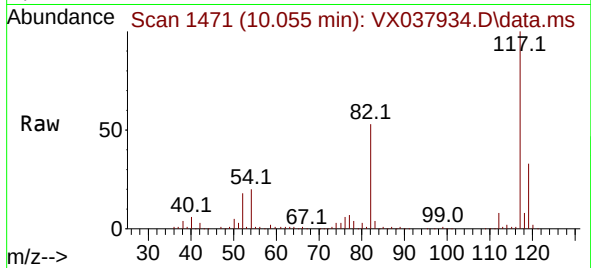
254 9.1 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

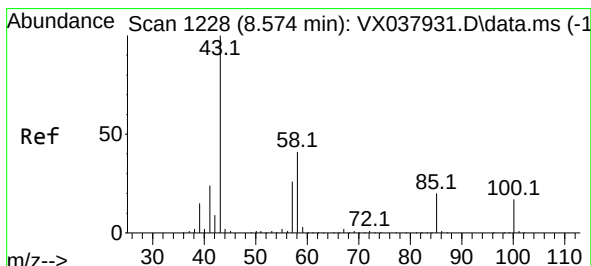
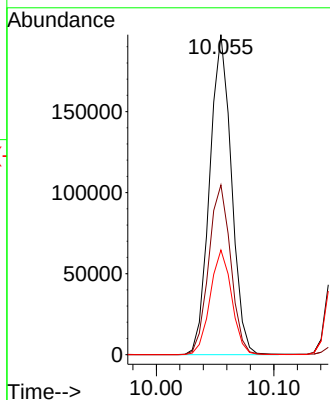
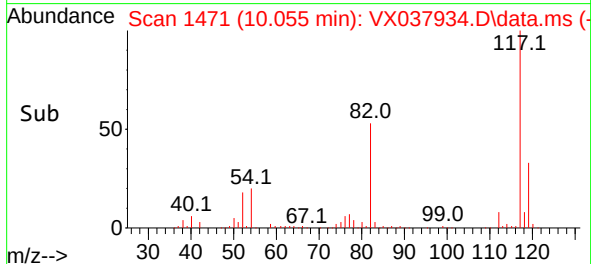
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 117 Resp: 25384
Ion Ratio Lower Upper
117 100
82 53.5 44.7 67.1
119 32.5 25.6 38.4

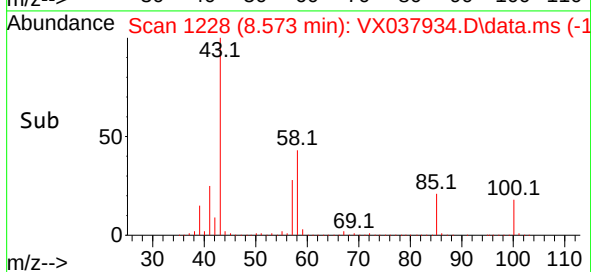
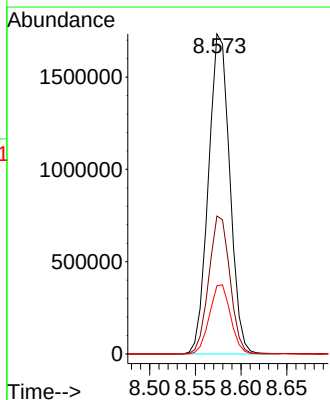
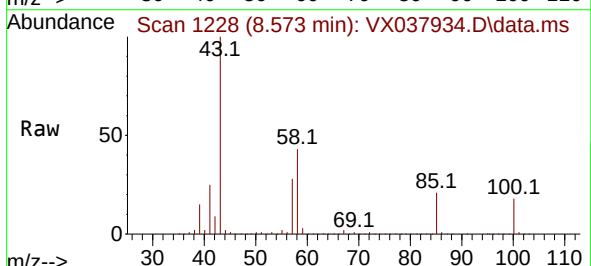
Manual Integrations
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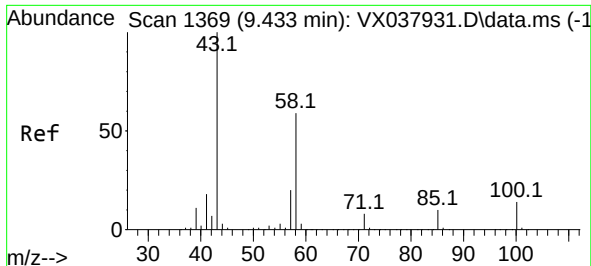
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#58
4-Methyl-2-Pentanone
Concen: 757.859 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

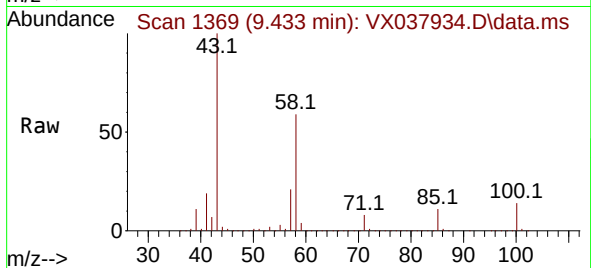
Tgt Ion: 43 Resp: 2816178
Ion Ratio Lower Upper
43 100
58 42.7 30.9 46.3
85 21.4 14.4 21.6





#59
2-Hexanone
Concen: 768.163 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

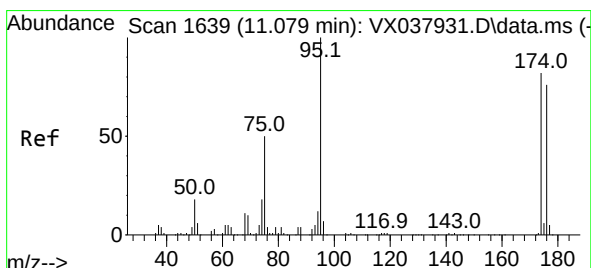
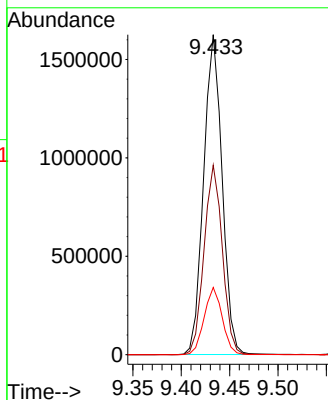
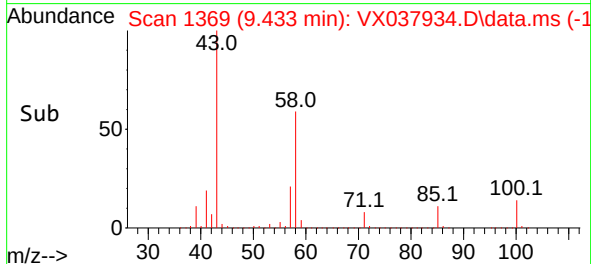
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 2167762
Ion Ratio Lower Upper
43 100
58 58.8 43.4 65.2
57 20.5 15.1 22.7

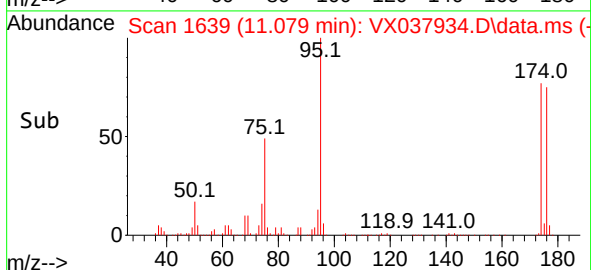
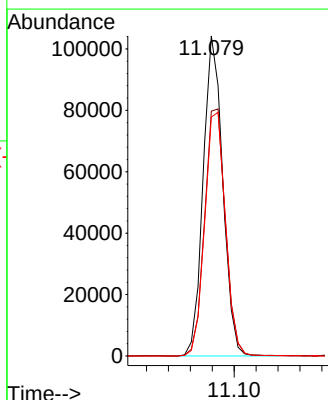
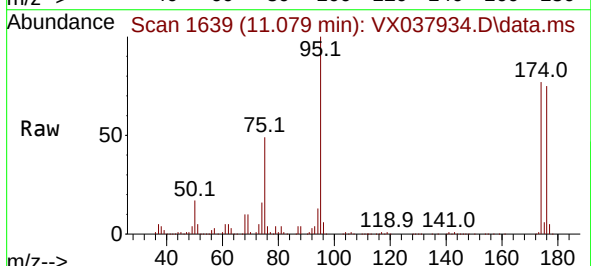
Manual Integrations
APPROVED

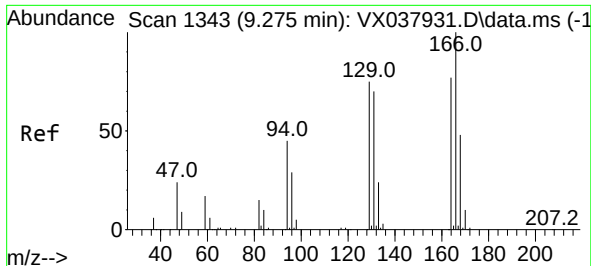
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#60
4-Bromofluorobenzene
Concen: 31.217 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion: 95 Resp: 129179
Ion Ratio Lower Upper
95 100
174 82.2 60.5 90.7
176 80.9 58.2 87.4





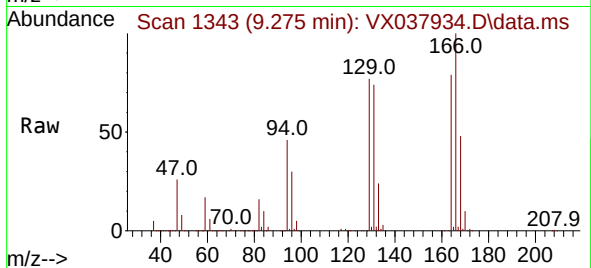
#61
Tetrachloroethene
Concen: 152.444 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



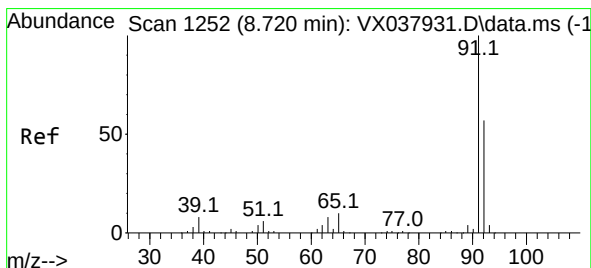
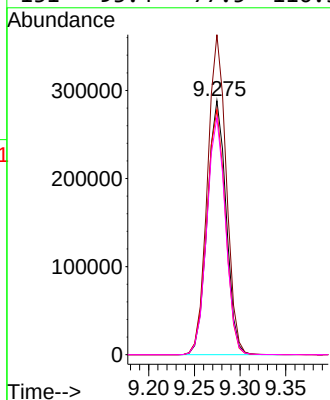
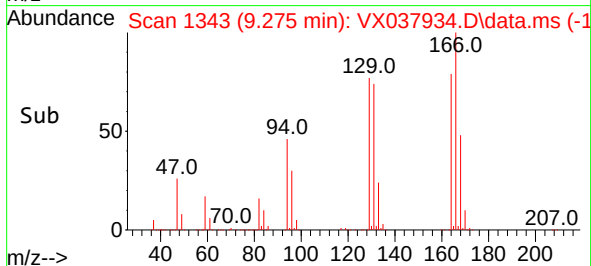
Tgt Ion:164 Resp: 411811
Ion Ratio Lower Upper
164 100
166 126.0 104.5 156.7
129 96.6 78.0 117.0
131 93.4 77.5 116.3

Manual Integrations

APPROVED

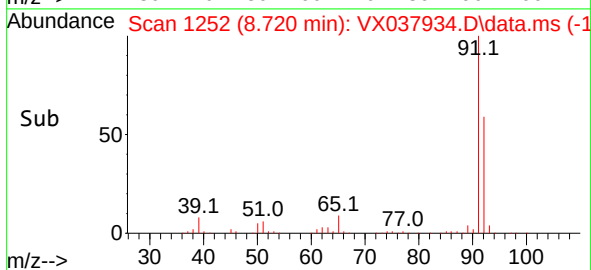
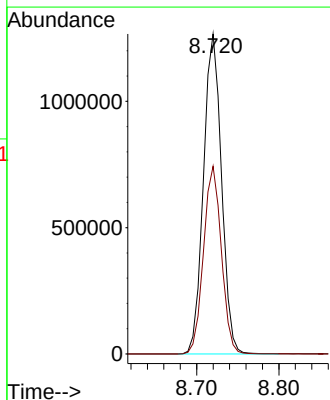
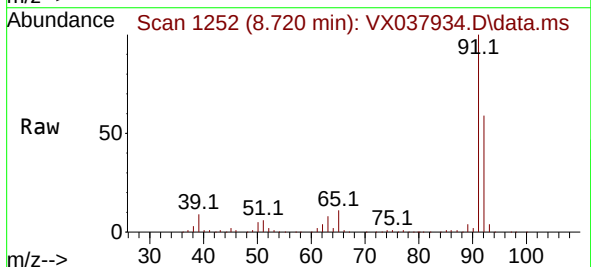
Reviewed By :John Carlone 09/28/2023

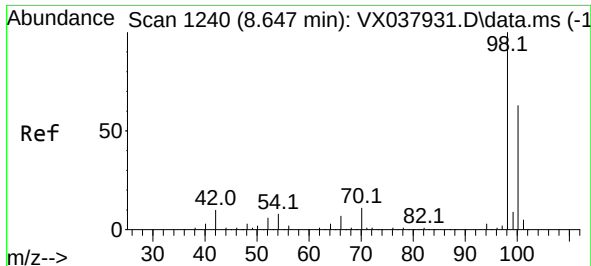
Supervised By :Semsettin Yesilyurt 09/28/2023



#62
Toluene
Concen: 146.635 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion: 91 Resp: 1930832
Ion Ratio Lower Upper
91 100
92 57.9 44.9 67.3





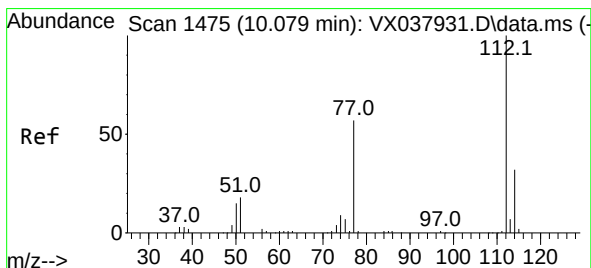
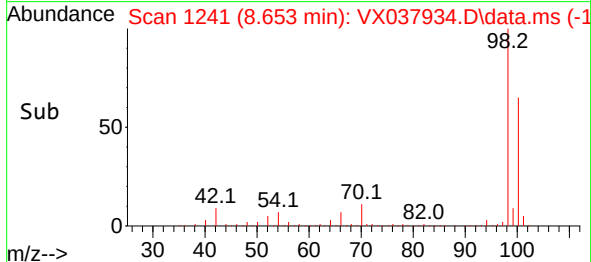
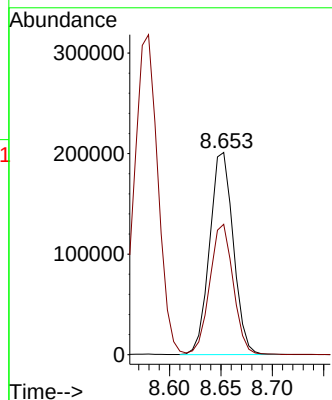
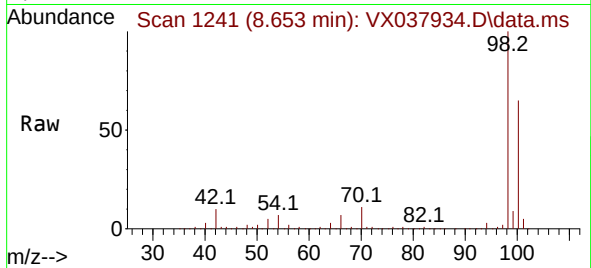
#63
Toluene-d8
Concen: 29.410 ug/l
RT: 8.653 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 322278
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4

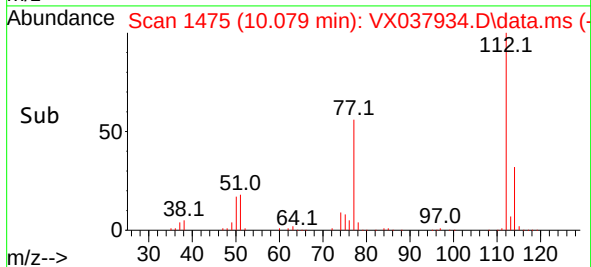
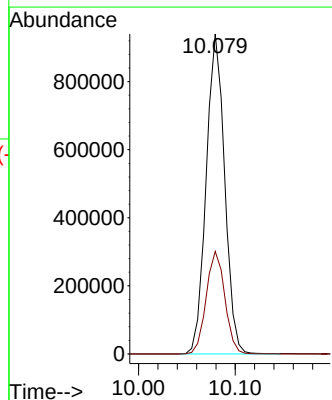
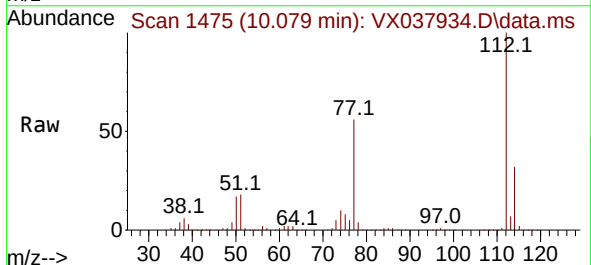
Manual Integrations
APPROVED

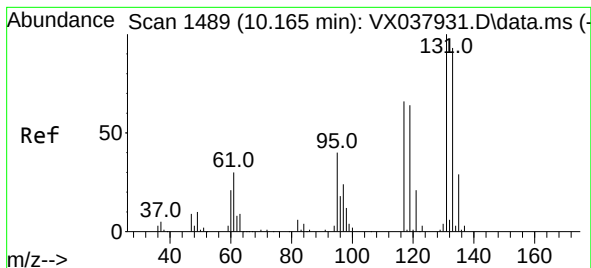
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#64
Chlorobenzene
Concen: 151.907 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion:112 Resp: 1247786
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6





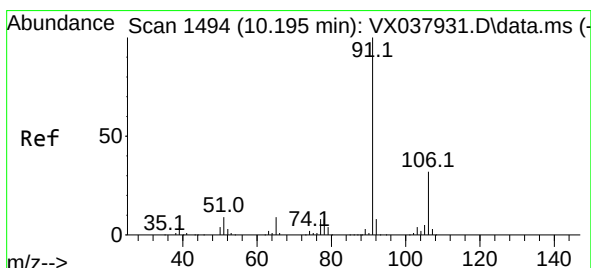
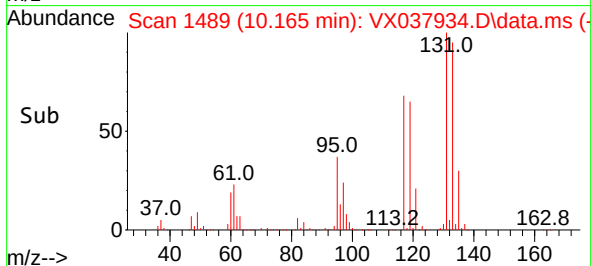
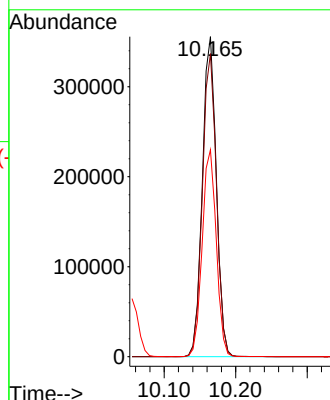
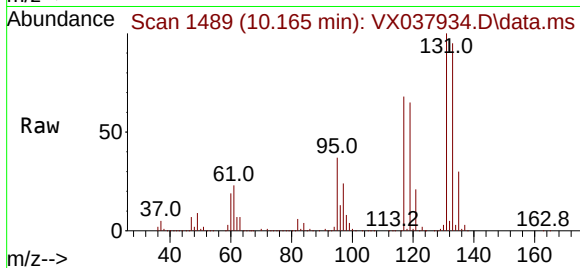
#65
1,1,1,2-Tetrachloroethane
Concen: 161.675 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:131 Resp: 482060
Ion Ratio Lower Upper
131 100
133 95.1 0.0 192.0
119 65.2 0.0 132.8

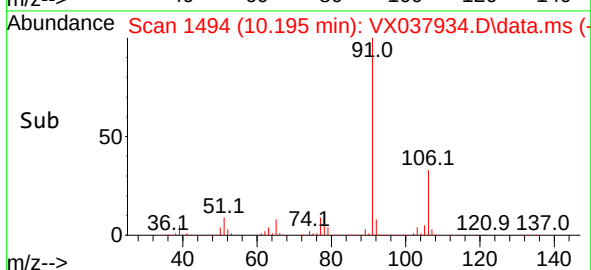
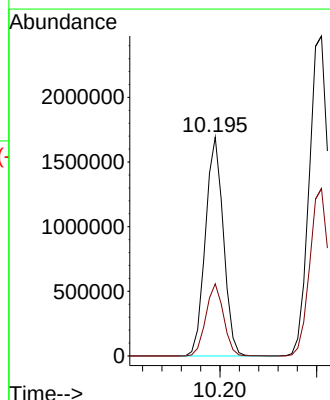
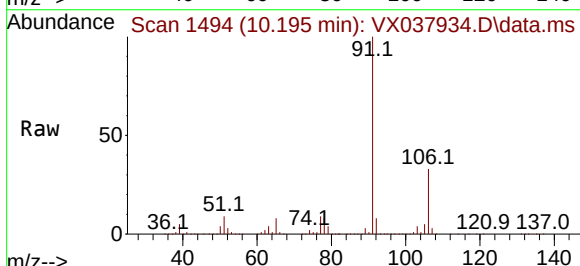
Manual Integrations
APPROVED

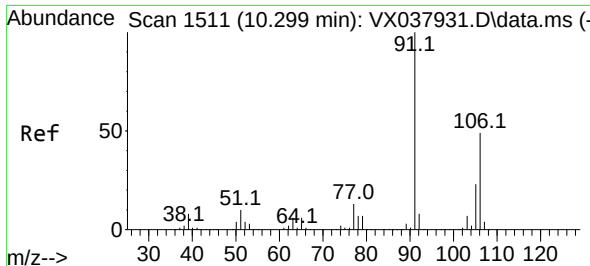
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#66
Ethyl Benzene
Concen: 150.738 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion: 91 Resp: 2190602
Ion Ratio Lower Upper
91 100
106 33.0 24.2 36.4





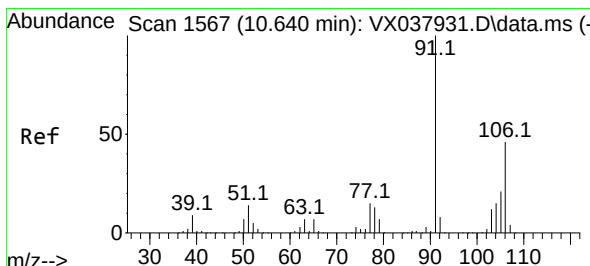
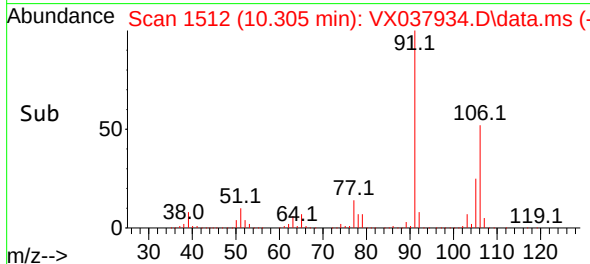
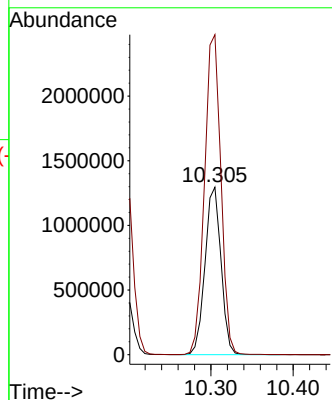
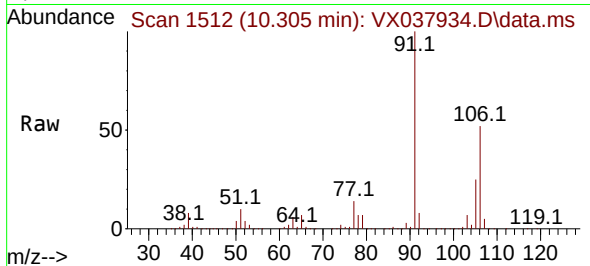
#67
m/p-Xylenes
Concen: 305.758 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 175042
Ion Ratio Lower Upper
106 100
91 195.9 160.5 240.7

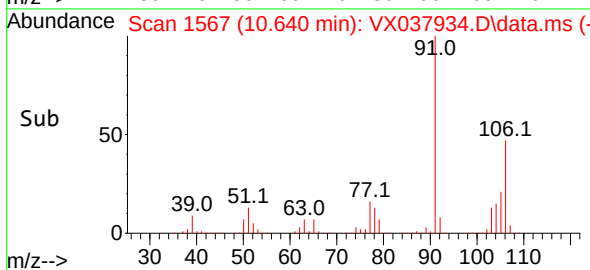
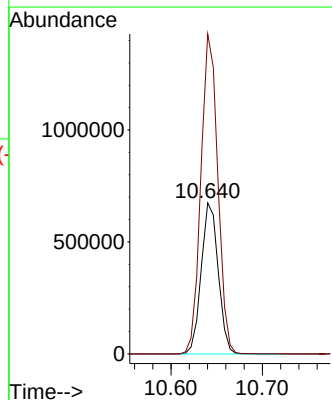
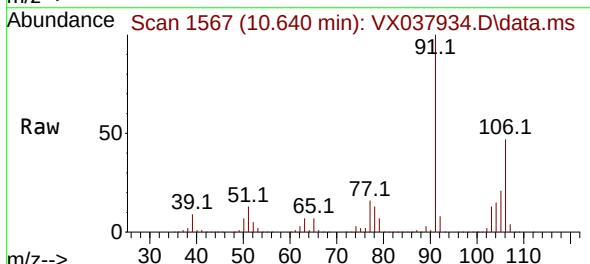
Manual Integrations
APPROVED

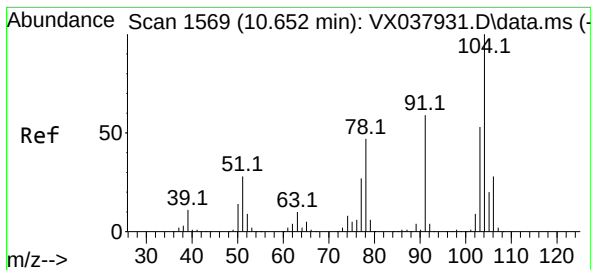
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#68
o-Xylene
Concen: 156.704 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

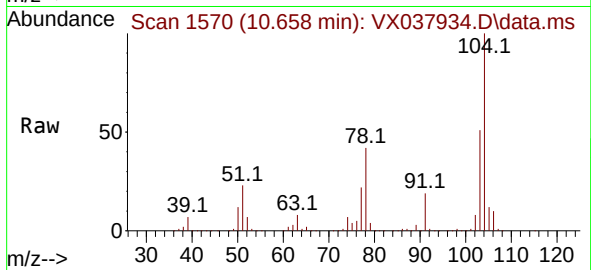
Tgt Ion:106 Resp: 868745
Ion Ratio Lower Upper
106 100
91 210.9 105.4 316.1





#69
Styrene
Concen: 159.245 ug/l
RT: 10.658 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

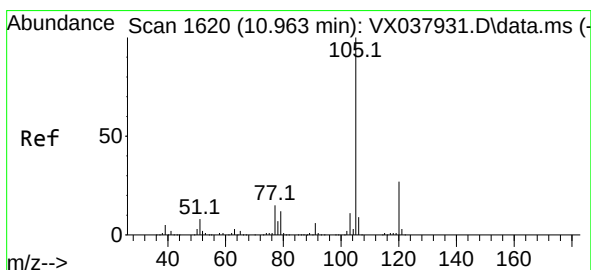
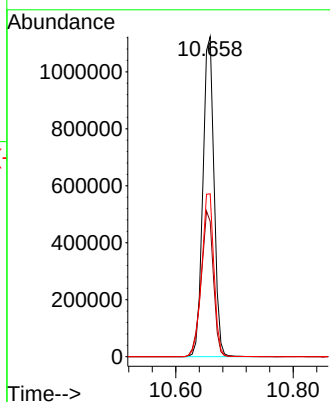
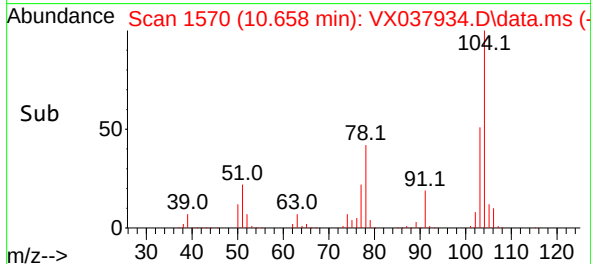
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:104 Resp: 148107
Ion Ratio Lower Upper
104 100
78 49.8 41.0 61.4
103 56.1 45.5 68.3

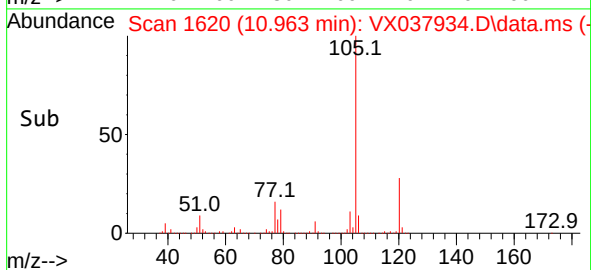
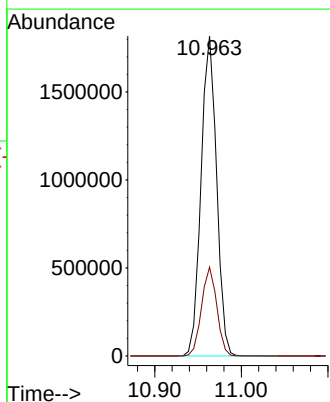
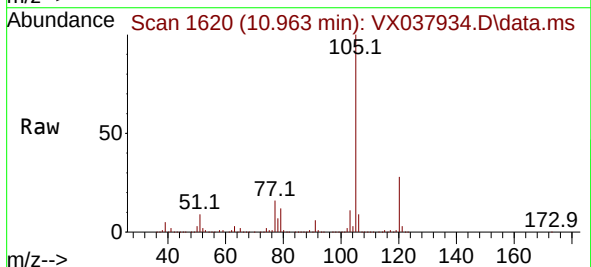
Manual Integrations
APPROVED

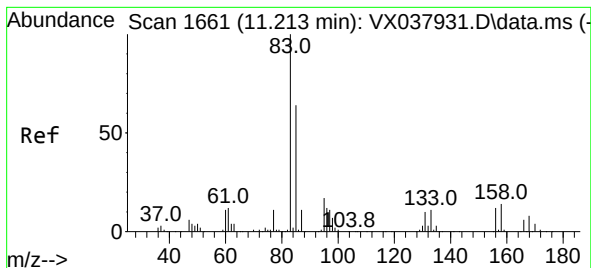
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#70
Isopropylbenzene
Concen: 153.651 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

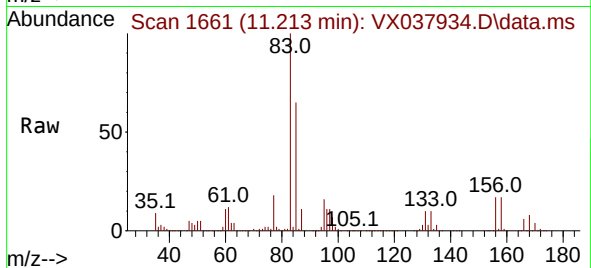
Tgt Ion:105 Resp: 2260646
Ion Ratio Lower Upper
105 100
120 27.2 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 153.984 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

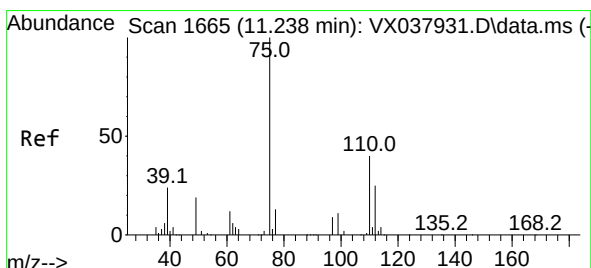
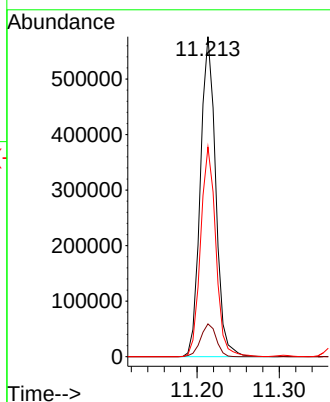
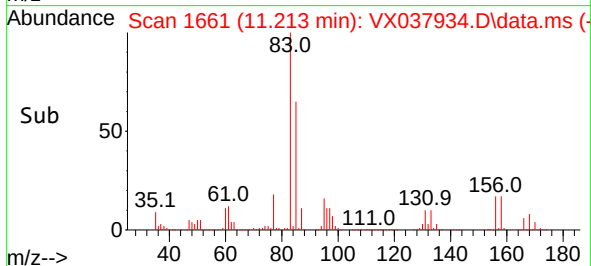
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



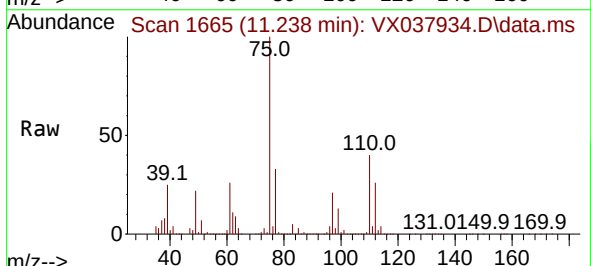
Tgt Ion: 83 Resp: 746680
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 65.1 32.4 97.0

Manual Integrations
APPROVED

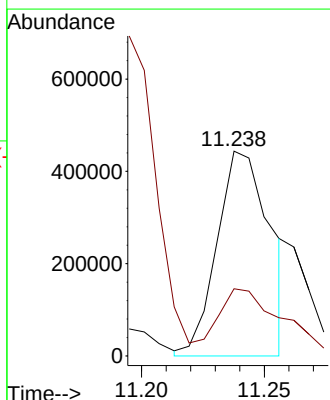
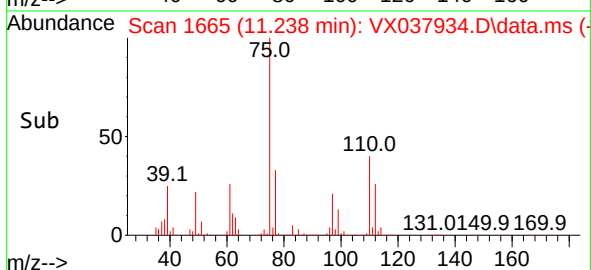
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

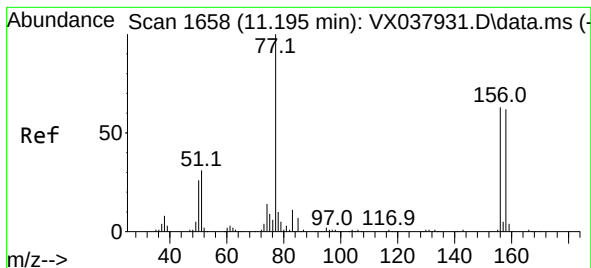


#72
1,2,3-Trichloropropane
Concen: 156.176 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59



Tgt Ion: 75 Resp: 664948
Ion Ratio Lower Upper
75 100
77 40.4 0.0 77.2





#73

Bromobenzene

Concen: 157.556 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:156 Resp: 587969

Ion Ratio Lower Upper

156 100

77 149.2 0.0 333.0

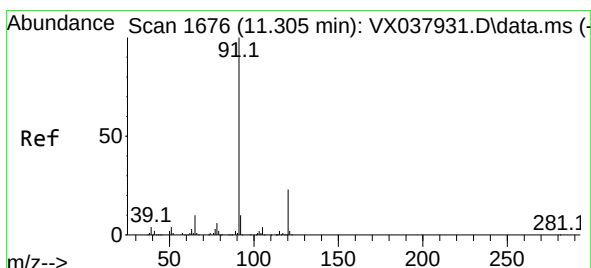
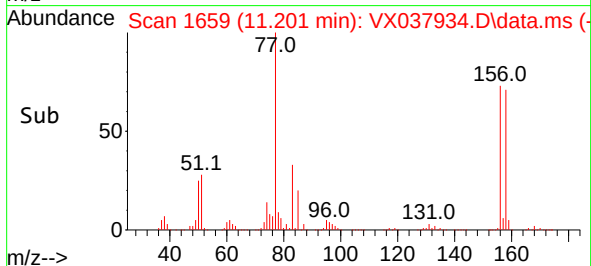
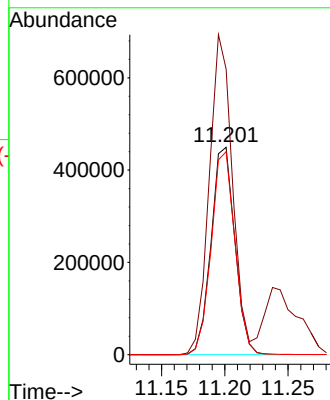
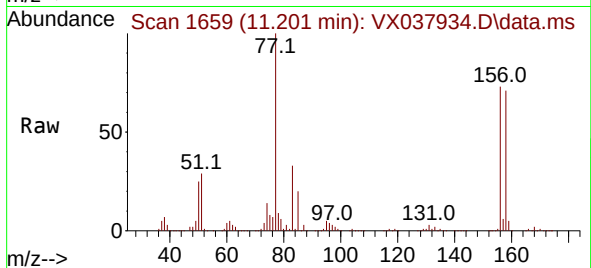
158 97.5 0.0 196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#74

n-propylbenzene

Concen: 153.780 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037934.D

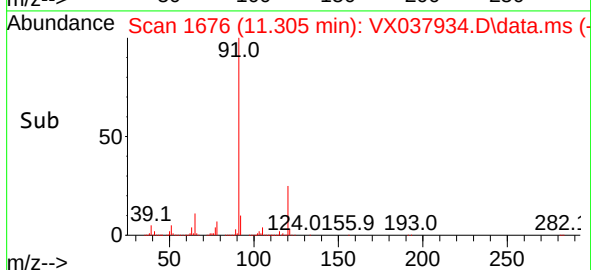
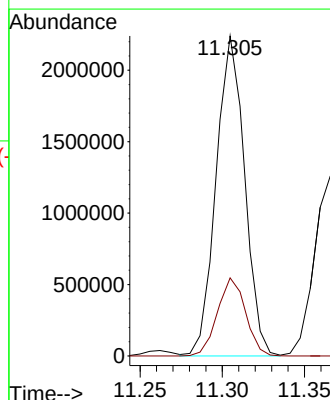
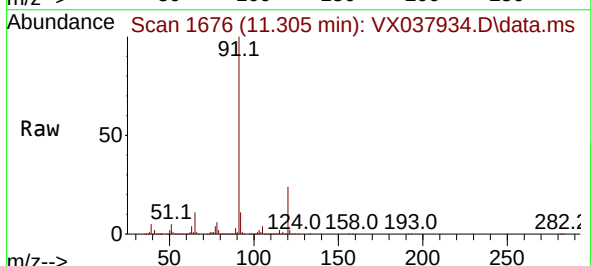
Acq: 27 Sep 2023 19:59

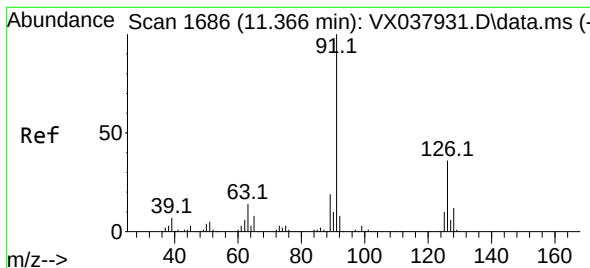
Tgt Ion: 91 Resp: 2703032

Ion Ratio Lower Upper

91 100

120 24.0 0.0 46.6





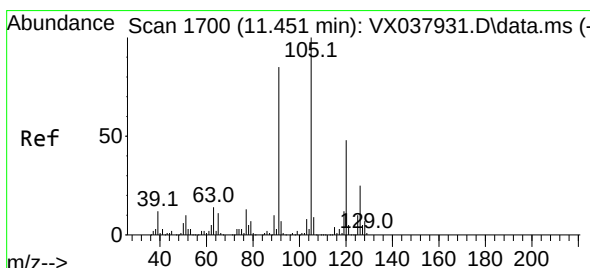
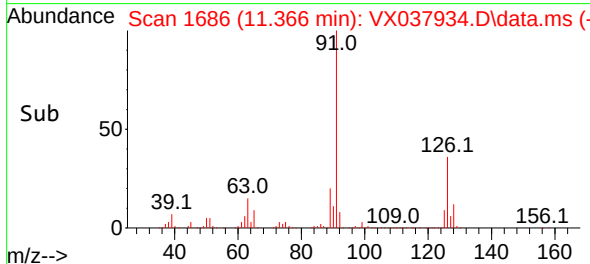
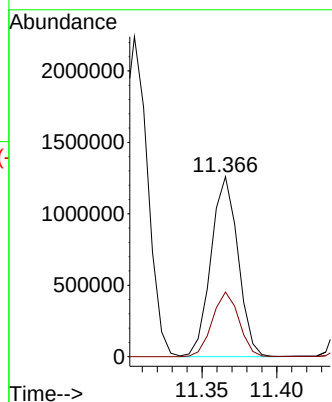
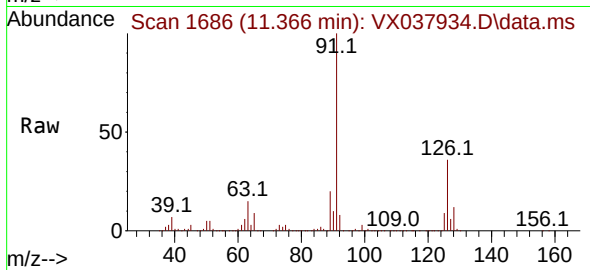
#75
2-Chlorotoluene
Concen: 154.296 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 158777
Ion Ratio Lower Upper
91 100
126 35.3 0.0 66.2

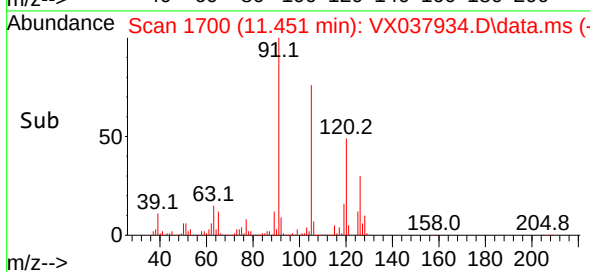
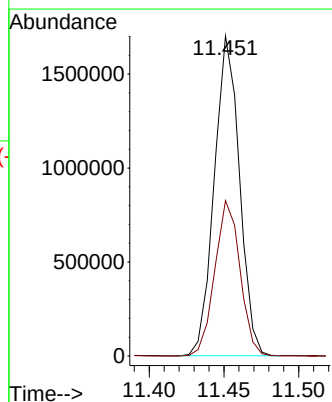
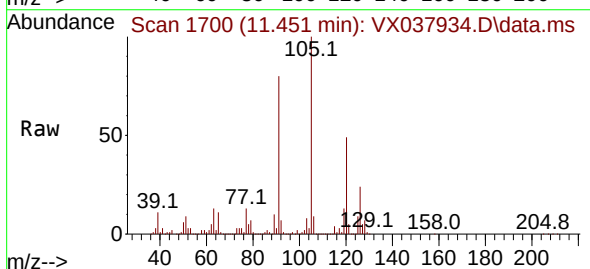
Manual Integrations
APPROVED

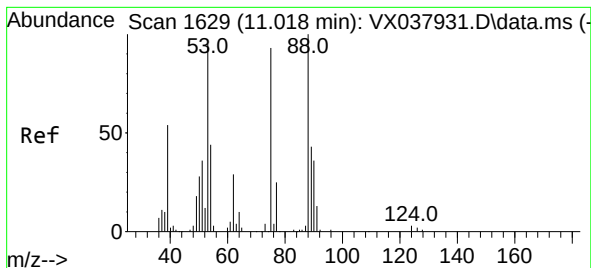
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#76
1,3,5-Trimethylbenzene
Concen: 157.251 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion:105 Resp: 1995161
Ion Ratio Lower Upper
105 100
120 48.5 0.0 96.4





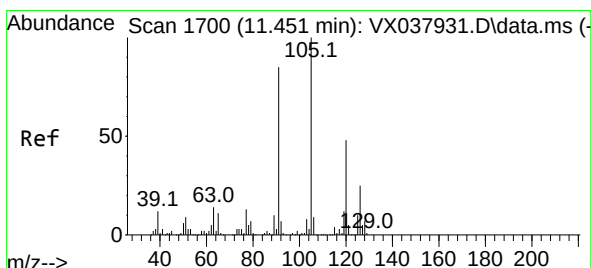
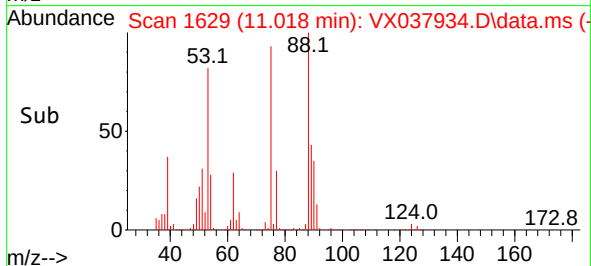
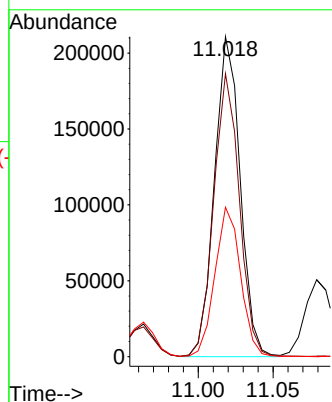
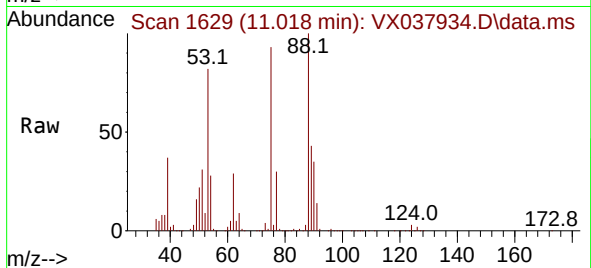
#77
t-1,4-Dichloro-2-butene
Concen: 186.969 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 252117
Ion Ratio Lower Upper
75 100
53 88.4 53.9 161.7
89 46.7 22.1 66.1

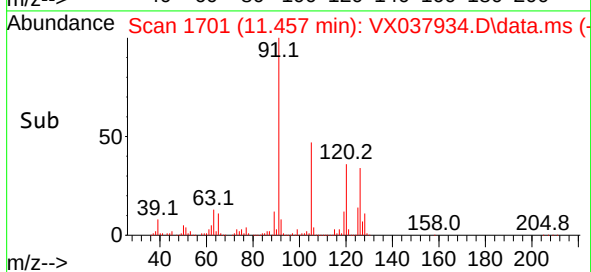
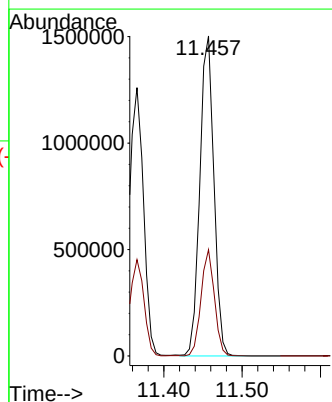
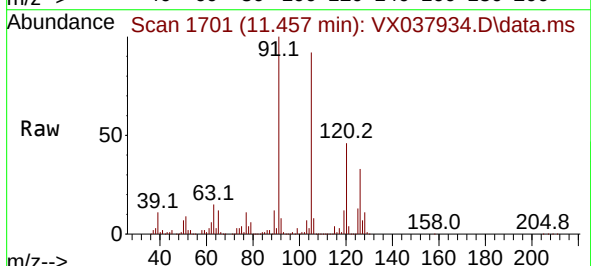
Manual Integrations
APPROVED

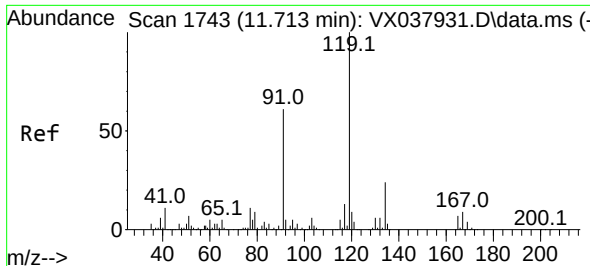
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#78
4-Chlorotoluene
Concen: 155.500 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

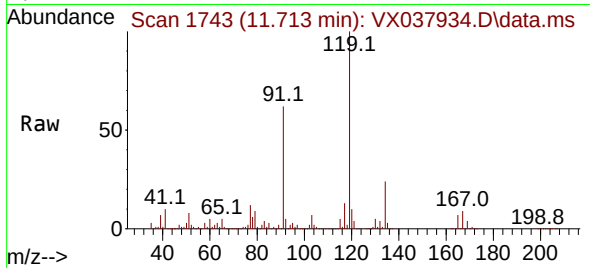
Tgt Ion: 91 Resp: 1877129
Ion Ratio Lower Upper
91 100
126 31.6 0.0 59.4





#79
tert-butylbenzene
Concen: 158.639 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

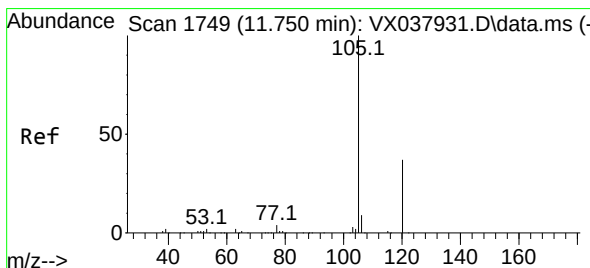
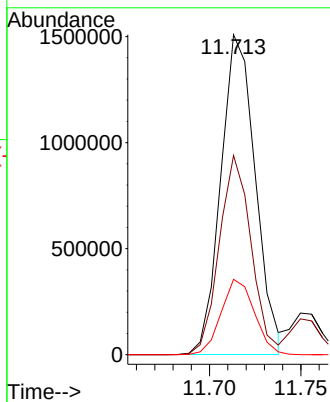
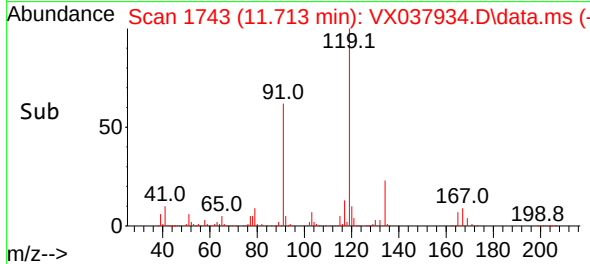
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 1981024
Ion Ratio Lower Upper
119 100
91 57.6 0.0 124.4
134 22.7 0.0 47.2

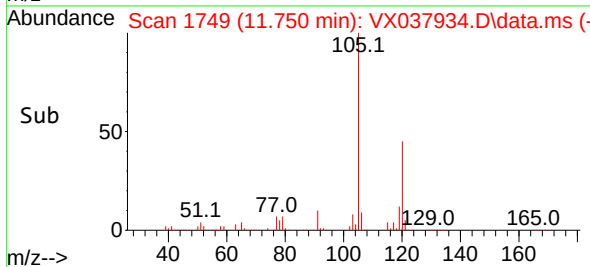
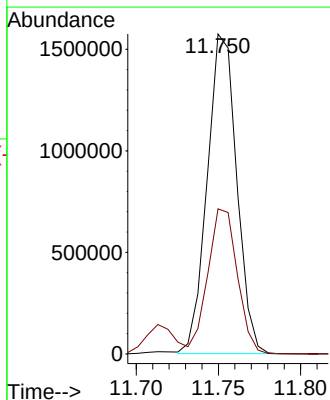
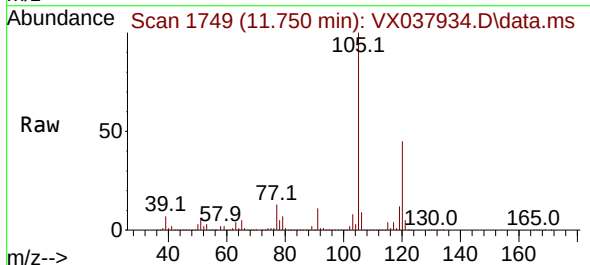
Manual Integrations
APPROVED

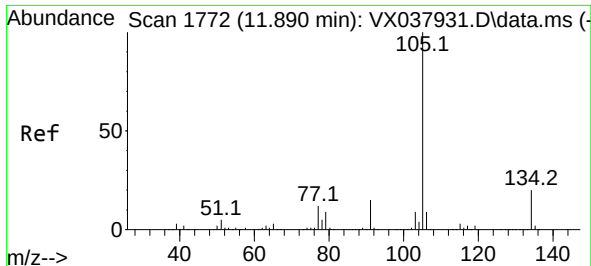
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 155.528 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

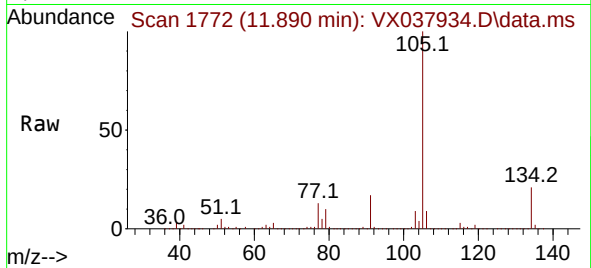
Tgt Ion:105 Resp: 1961652
Ion Ratio Lower Upper
105 100
120 45.3 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 155.980 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037934.D
 Acq: 27 Sep 2023 19:59

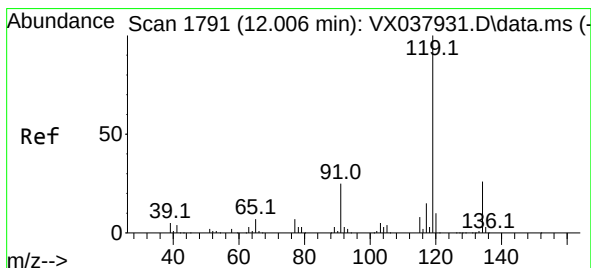
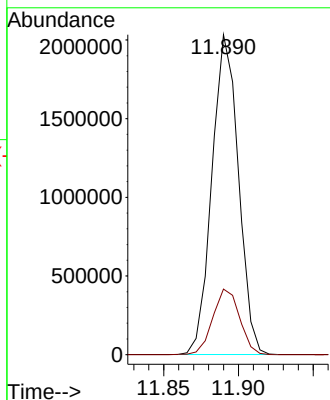
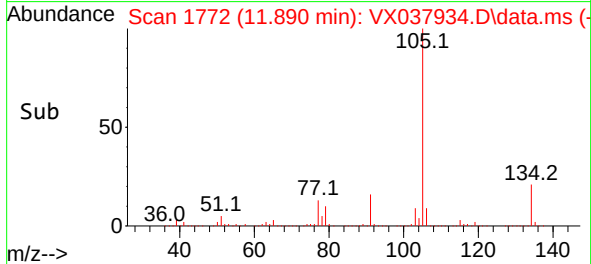
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150



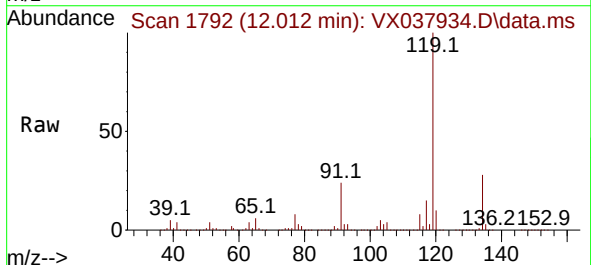
Tgt Ion:105 Resp: 2504918
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 41.2

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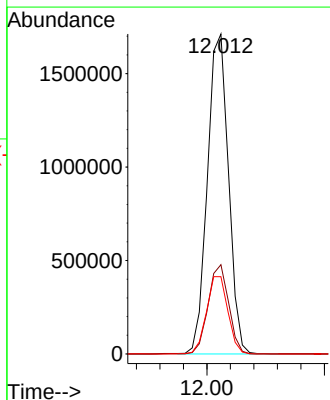
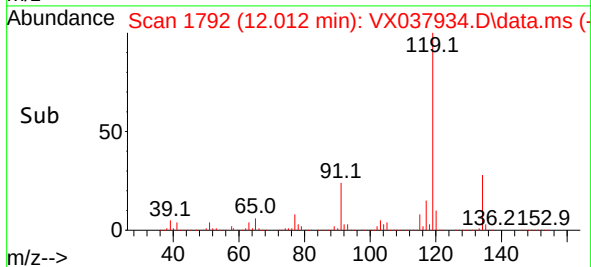
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023

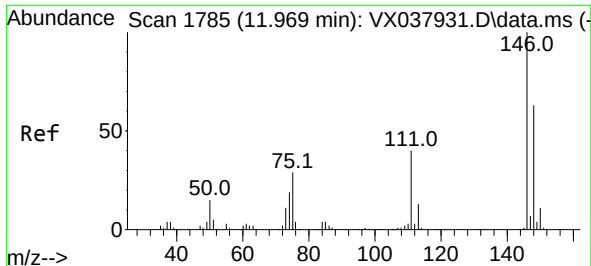


#82
 p-Isopropyltoluene
 Concen: 157.808 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX037934.D
 Acq: 27 Sep 2023 19:59



Tgt Ion:119 Resp: 2127660
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 53.2
 91 24.4 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 156.187 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 1126209

Ion Ratio Lower Upper

146 100

111 40.2 20.4 61.2

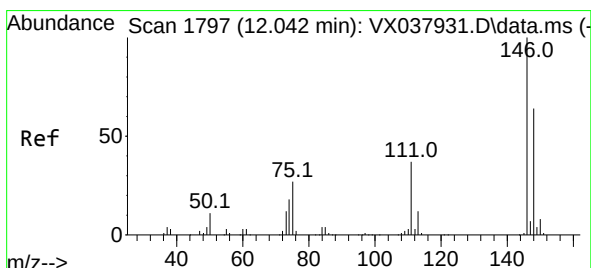
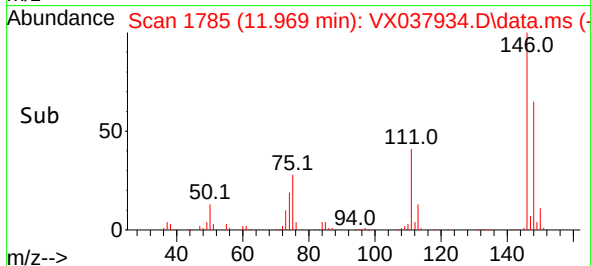
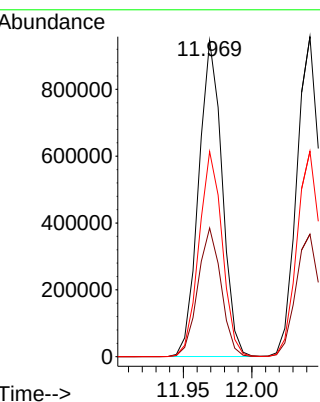
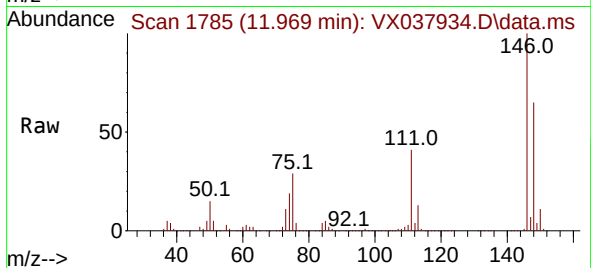
148 64.3 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#84

1,4-Dichlorobenzene

Concen: 155.942 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

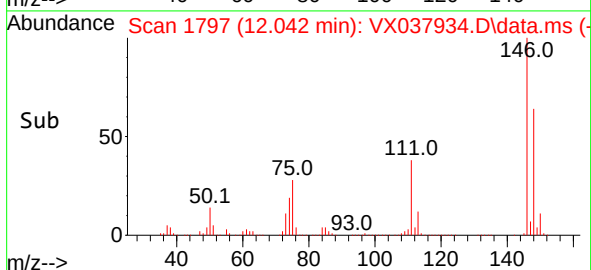
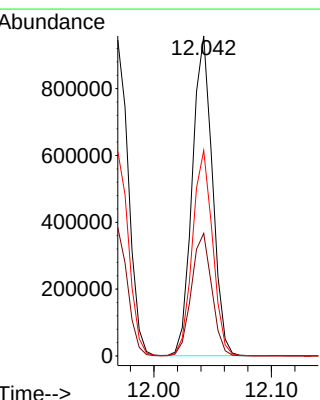
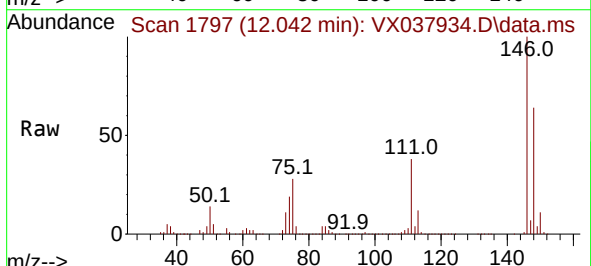
Tgt Ion:146 Resp: 1139405

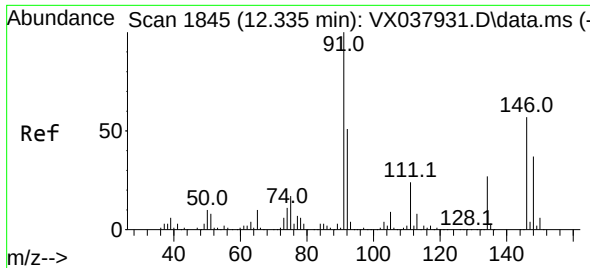
Ion Ratio Lower Upper

146 100

111 38.8 20.2 60.6

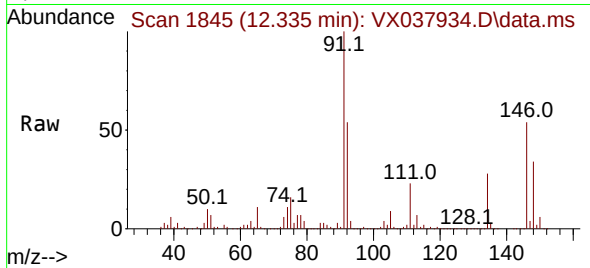
148 64.1 32.1 96.3





#85
n-Butylbenzene
Concen: 160.350 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

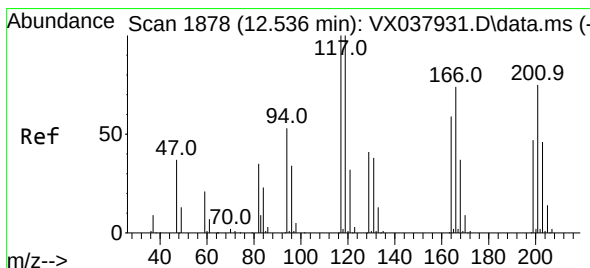
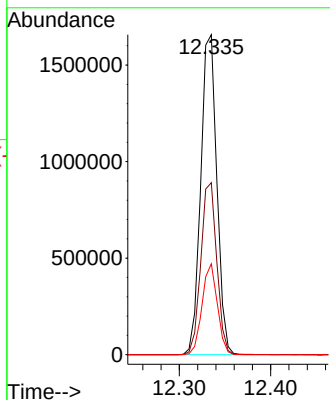
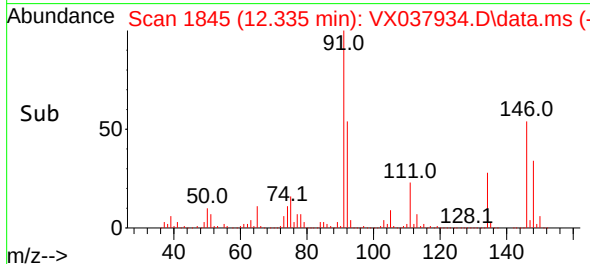
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 2022738
Ion Ratio Lower Upper
91 100
92 53.3 0.0 105.2
134 26.8 0.0 51.4

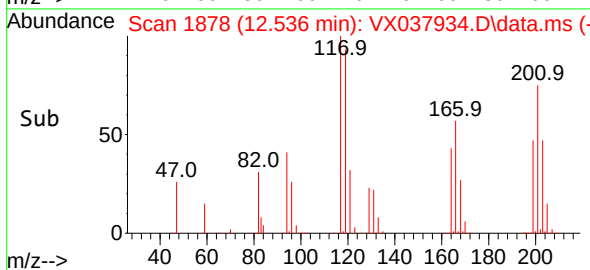
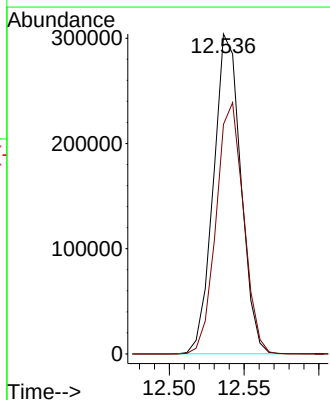
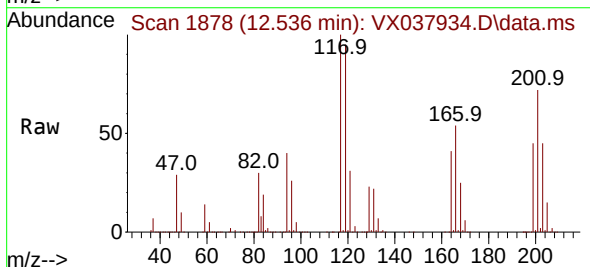
Manual Integrations
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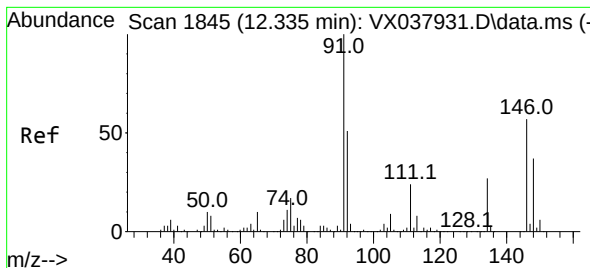
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#86
Hexachloroethane
Concen: 176.183 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Tgt Ion:117 Resp: 387011
Ion Ratio Lower Upper
117 100
201 78.7 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 153.197 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 108837

Ion Ratio Lower Upper

146 100

111 41.6 21.4 64.3

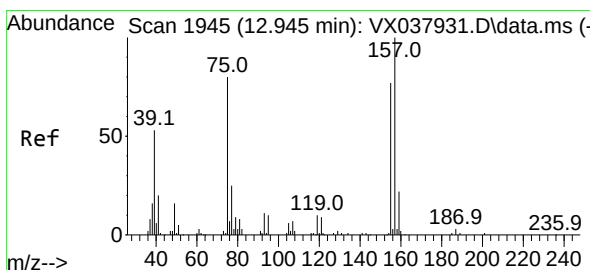
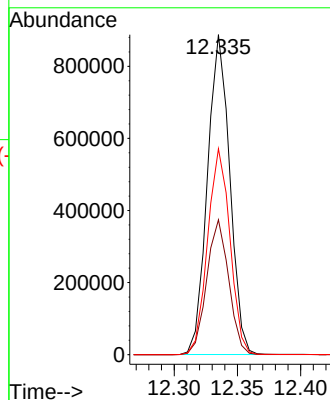
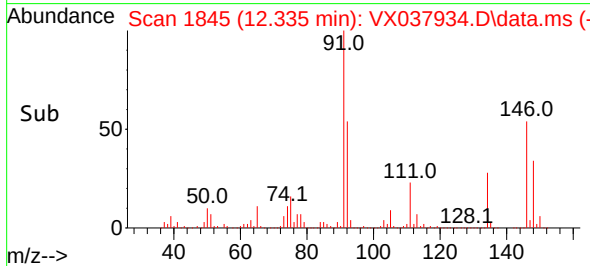
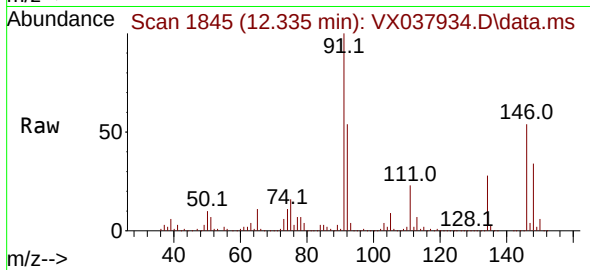
148 64.6 33.2 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 166.147 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX037934.D

Acq: 27 Sep 2023 19:59

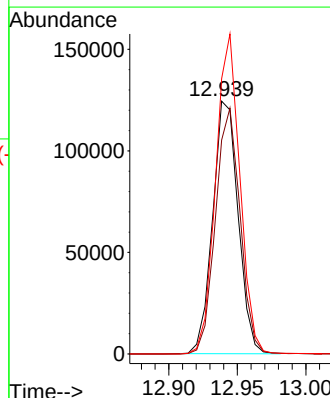
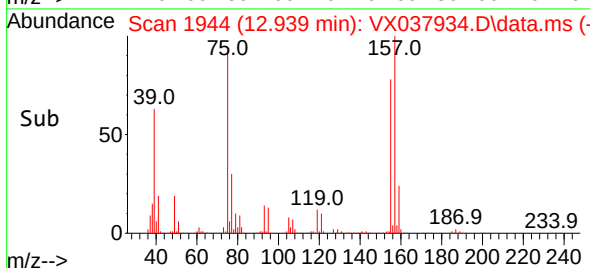
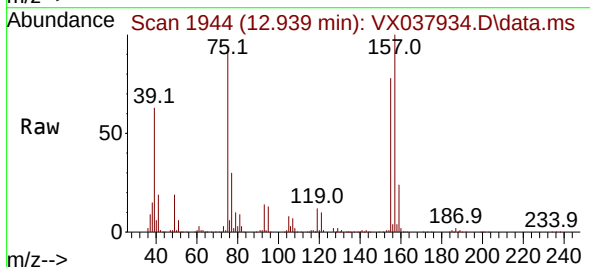
Tgt Ion: 75 Resp: 160471

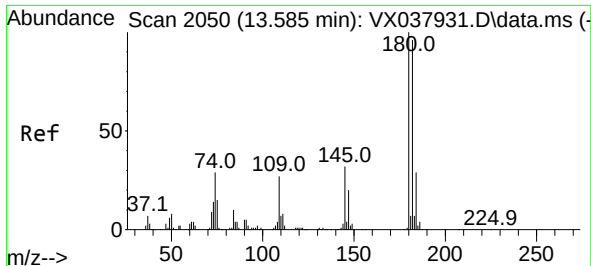
Ion Ratio Lower Upper

75 100

155 94.4 62.7 94.1#

157 120.6 81.5 122.3





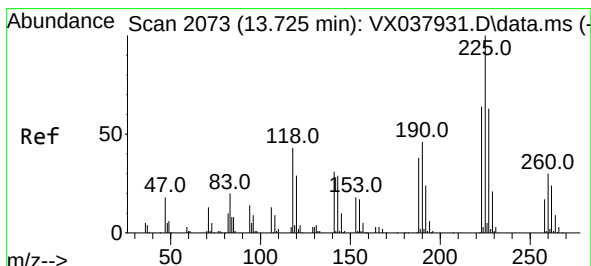
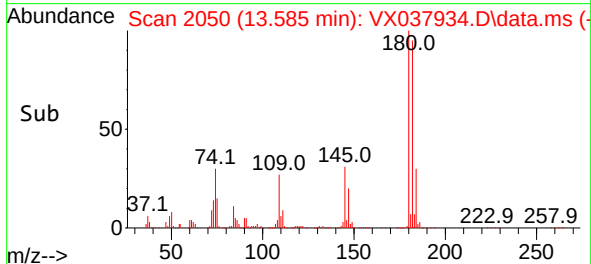
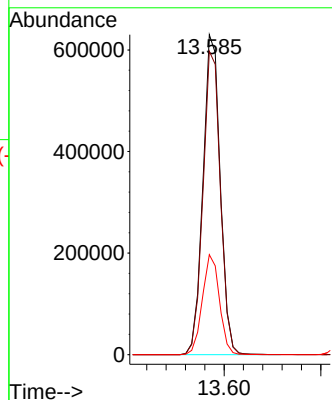
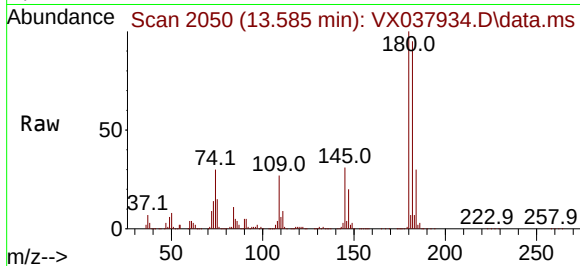
#89
1,2,4-Trichlorobenzene
Concen: 161.685 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:180 Resp: 78152
Ion Ratio Lower Upper
180 100
182 95.6 75.6 113.4
145 30.9 25.4 38.2

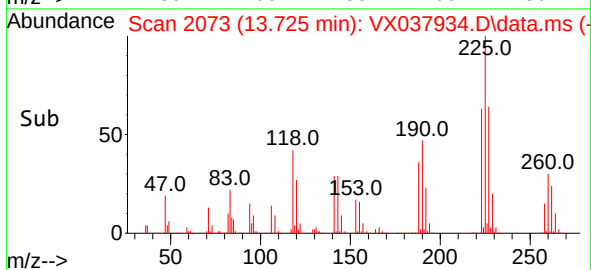
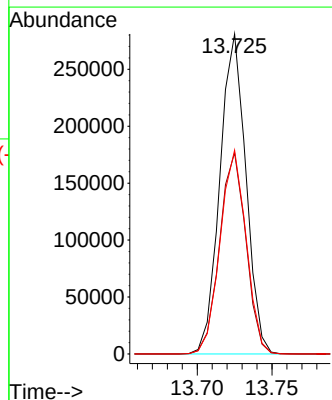
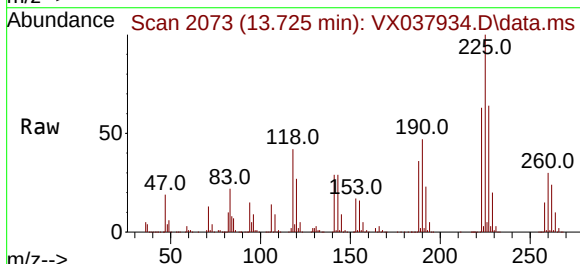
Manual Integrations
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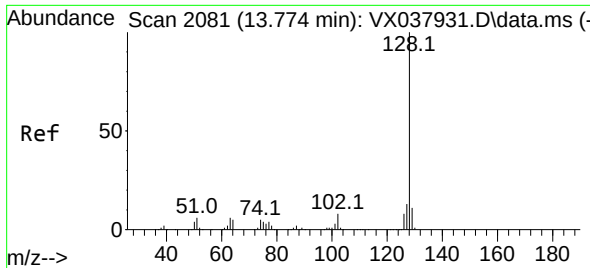
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#90
Hexachlorobutadiene
Concen: 160.169 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

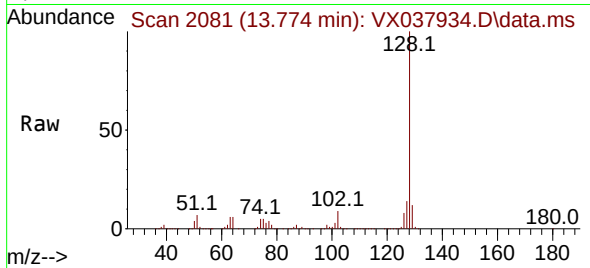
Tgt Ion:225 Resp: 340113
Ion Ratio Lower Upper
225 100
223 63.5 0.0 124.2
227 63.7 0.0 120.4





#91
Naphthalene
Concen: 157.109 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59

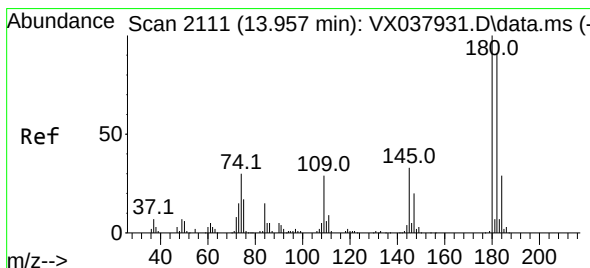
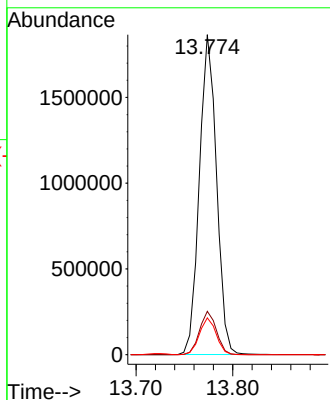
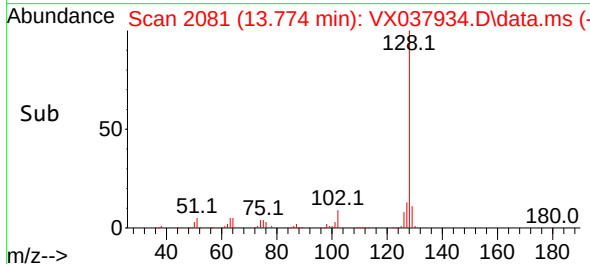
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



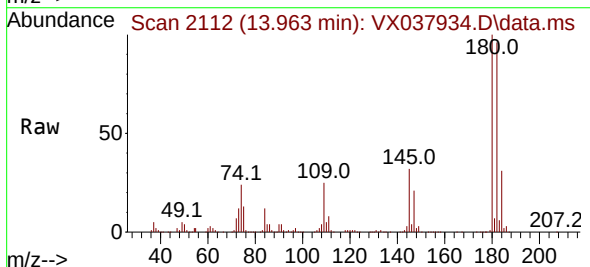
Tgt Ion:128 Resp: 2303172
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 160.046 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX037934.D
Acq: 27 Sep 2023 19:59



Tgt Ion:180 Resp: 753143
Ion Ratio Lower Upper
180 100
182 94.9 0.0 190.6
145 33.1 0.0 66.8

