

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037063.D
 Acq On : 17 Aug 2023 15:58
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 18 06:07:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	154466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263277	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	328615	147.566	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 295.140%#			
35) Dibromofluoromethane	5.385	113	272443	156.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 312.500%#			
50) Toluene-d8	8.653	98	986584	155.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 311.980%#			
62) 4-Bromofluorobenzene	11.079	95	408312	164.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 328.540%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	301061	167.787	ug/l	99
3) Chloromethane	1.295	50	254706	162.258	ug/l	97
4) Vinyl Chloride	1.374	62	271337	158.800	ug/l	99
5) Bromomethane	1.593	94	120128	141.142	ug/l	99
7) Trichlorofluoromethane	1.874	101	366285	130.865	ug/l	99
8) Diethyl Ether	2.136	74	155793	143.870	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.319	101	244044	149.460	ug/l	96
10) Methyl Iodide	2.447	142	302315	152.336	ug/l	95
11) Tert butyl alcohol	2.989	59	383324	733.802	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	237875	149.600	ug/l	85
13) Acrolein	2.240	56	274123	689.796	ug/l	98
14) Allyl chloride	2.660	41	348547	141.620	ug/l #	91
15) Acrylonitrile	3.069	53	677654	726.798	ug/l	99
16) Acetone	2.392	43	600399	689.174	ug/l	90
17) Carbon Disulfide	2.502	76	613846	151.770	ug/l	99
18) Methyl Acetate	2.709	43	465253	141.837	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	874693	145.044	ug/l	97
20) Methylene Chloride	2.788	84	270908	139.053	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	267845	148.182	ug/l	88
22) Diisopropyl ether	3.764	45	731154	144.773	ug/l #	83
23) Vinyl Acetate	3.727	43	2826029	730.210	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	465626	147.022	ug/l	97
25) 2-Butanone	4.562	43	941600	717.822	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	434480	153.615	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	316381	148.472	ug/l	89
28) Bromochloromethane	4.898	49	203665	143.955	ug/l #	74
29) Tetrahydrofuran	5.013	42	599049	716.104	ug/l #	83
30) Chloroform	5.099	83	514560	144.735	ug/l	97
31) Cyclohexane	5.471	56	378484	151.154	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	485102	152.266	ug/l	96
36) 1,1-Dichloropropene	5.690	75	375604	151.624	ug/l	97
37) Ethyl Acetate	4.721	43	368281	145.538	ug/l #	94
38) Carbon Tetrachloride	5.678	117	428051	159.071	ug/l	99
39) Methylcyclohexane	7.379	83	406182	156.064	ug/l	90
40) Benzene	6.038	78	1066507	150.114	ug/l	100
41) Methacrylonitrile	4.922	41	198140	150.622	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.086	62	405362	145.493	ug/l	95
43) Isopropyl Acetate	6.342	43	605420	150.697	ug/l #	92
44) Trichloroethene	7.123	130	303771	150.788	ug/l	96
45) 1,2-Dichloropropane	7.434	63	263265	150.283	ug/l	100
46) Dibromomethane	7.580	93	208318	150.952	ug/l	94
47) Bromodichloromethane	7.824	83	414761	156.911	ug/l	97
48) Methyl methacrylate	7.696	41	293234	149.668	ug/l #	86
49) 1,4-Dioxane	7.665	88	166296	3151.606	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	1770521	725.769	ug/l	89
52) Toluene	8.720	92	702917	149.742	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	467992	166.281	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	480677	158.043	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	289473	151.441	ug/l	98
56) Ethyl methacrylate	9.116	69	465218	155.383	ug/l	86
57) 1,3-Dichloropropane	9.311	76	477236	148.106	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	1049988	730.777	ug/l	92
59) 2-Hexanone	9.433	43	1401333	753.377	ug/l	87
60) Dibromochloromethane	9.525	129	335759	164.983	ug/l	100
61) 1,2-Dibromoethane	9.610	107	315386	150.701	ug/l	99
64) Tetrachloroethene	9.275	164	258121	143.134	ug/l	99
65) Chlorobenzene	10.080	112	766655	146.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	297403	154.230	ug/l	99
67) Ethyl Benzene	10.195	91	1352867	147.155	ug/l	98
68) m/p-Xylenes	10.305	106	1055264	297.234	ug/l	95
69) o-Xylene	10.640	106	526983	150.448	ug/l	97
70) Styrene	10.653	104	903696	156.623	ug/l	97
73) Isopropylbenzene	10.964	105	1342494	138.678	ug/l	98
74) N-amyl acetate	10.842	43	547397	145.525	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	468490	143.700	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	383652m	135.259	ug/l	
77) Bromobenzene	11.201	156	341708	144.530	ug/l	92
78) n-propylbenzene	11.305	91	1536461	142.535	ug/l	98
79) 2-Chlorotoluene	11.366	91	963271	139.836	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1145477	141.848	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	168133	165.562	ug/l #	83
82) 4-Chlorotoluene	11.457	91	1131623	142.312	ug/l	97
83) tert-Butylbenzene	11.713	119	1142580	148.360	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1170616	143.434	ug/l	96
85) sec-Butylbenzene	11.890	105	1332556	148.134	ug/l	98
86) p-Isopropyltoluene	12.006	119	1157310	149.449	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	653409	147.616	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	662601	147.359	ug/l	99
89) n-Butylbenzene	12.329	91	992522	154.592	ug/l	98
90) Hexachloroethane	12.536	117	219350	169.708	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	643762	148.523	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	123107	162.511	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	398418	157.095	ug/l	99
94) Hexachlorobutadiene	13.725	225	153928	157.105	ug/l	99
95) Naphthalene	13.774	128	1491583	134.263	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	400321	158.876	ug/l	99

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

Instrument :

MSVOA_X

ClientSampleId :

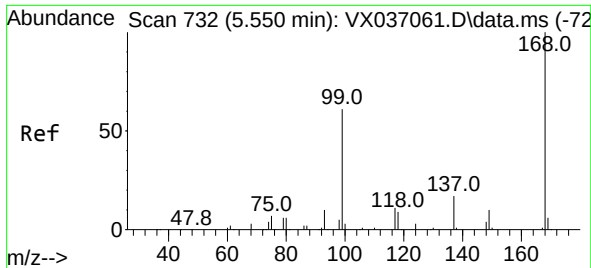
VSTDICC150

Manual Integrations

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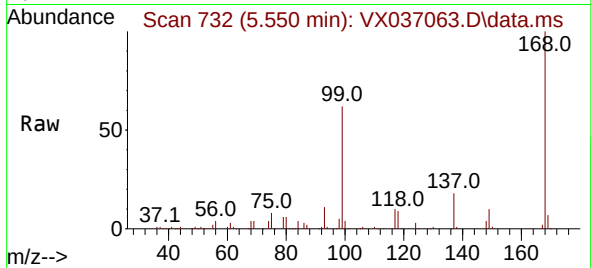
Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

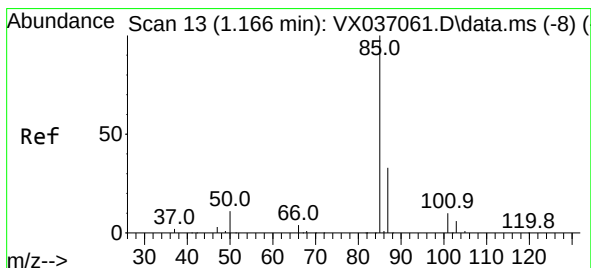
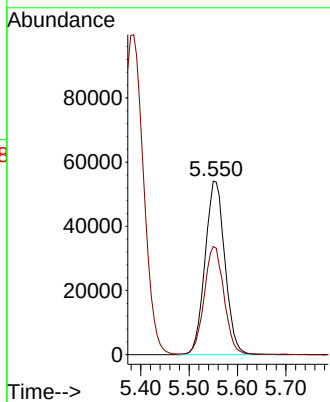
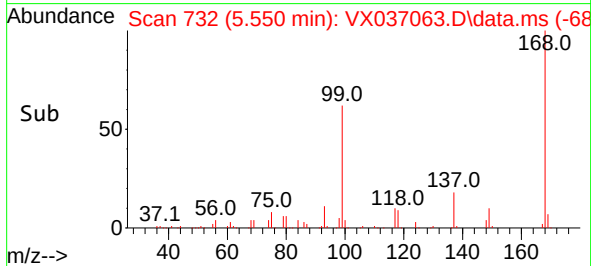
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 154460
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0

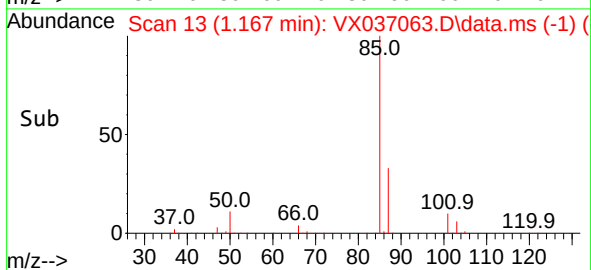
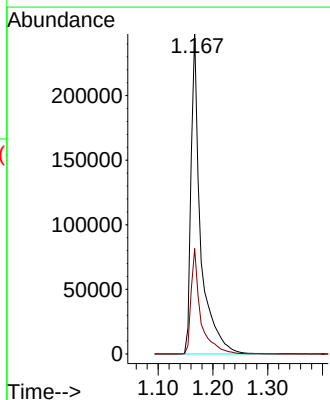
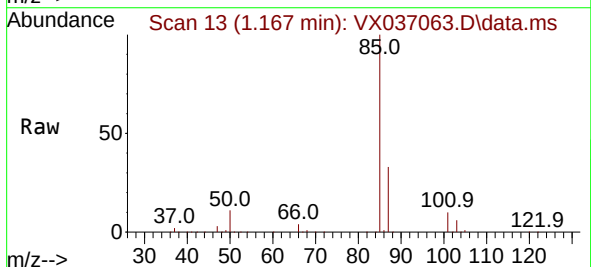
Manual Integrations
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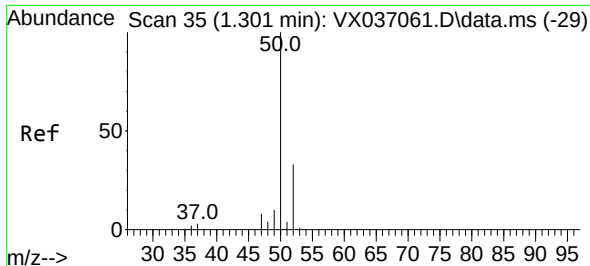
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#2
Dichlorodifluoromethane
Concen: 167.787 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Tgt Ion: 85 Resp: 301061
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





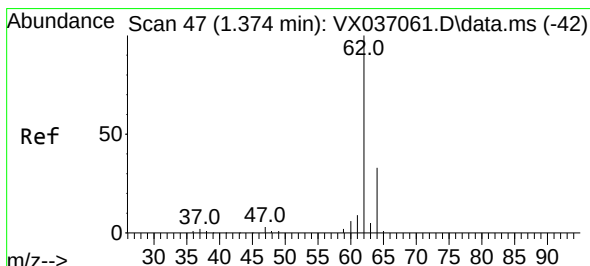
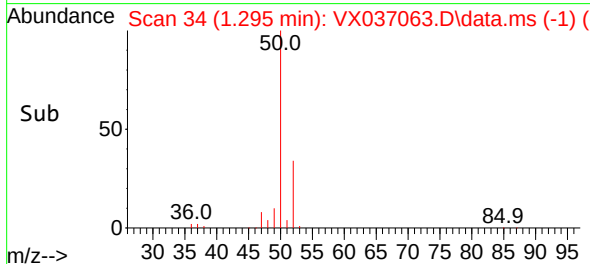
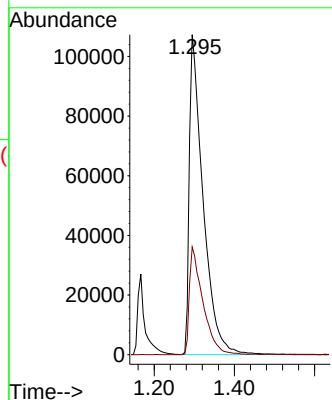
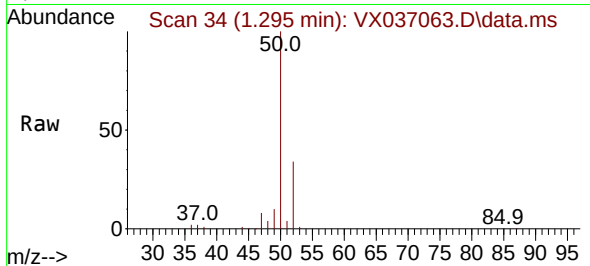
#3
Chloromethane
Concen: 162.258 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 254700
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

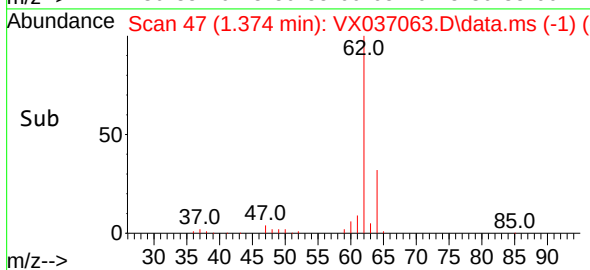
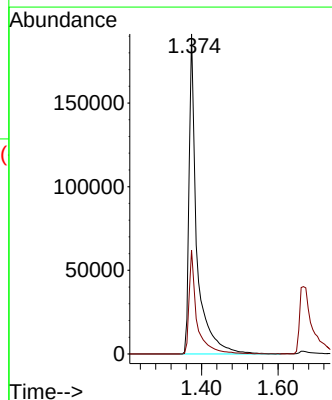
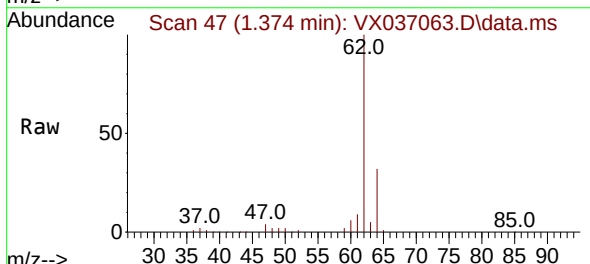
Manual Integrations
APPROVED

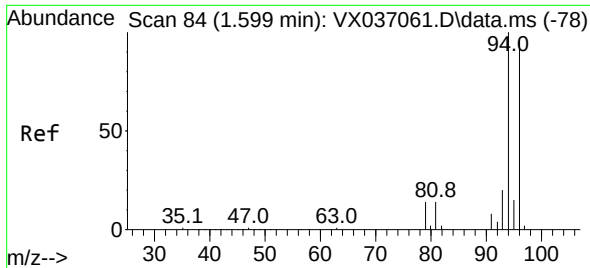
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#4
Vinyl Chloride
Concen: 158.800 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

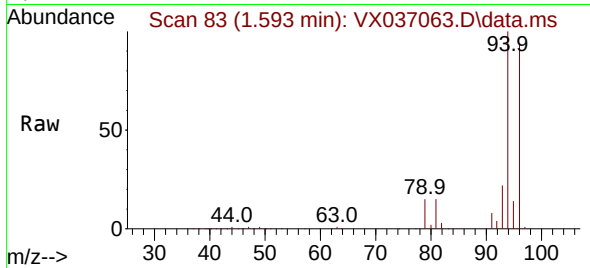
Tgt Ion: 62 Resp: 271337
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 141.142 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

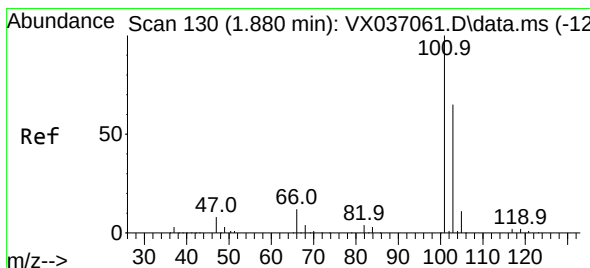
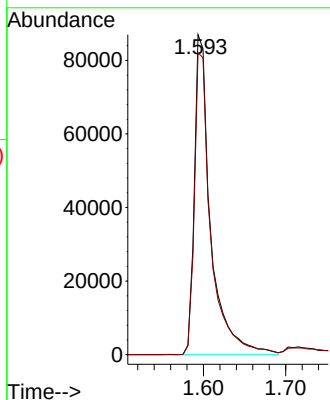
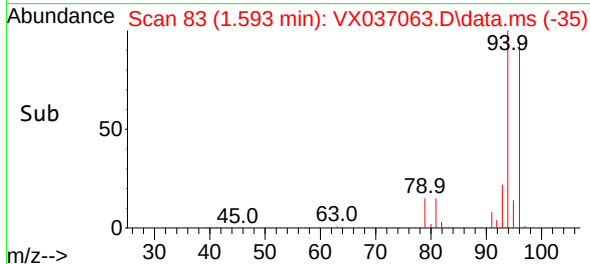
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 94 Resp: 120128
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8

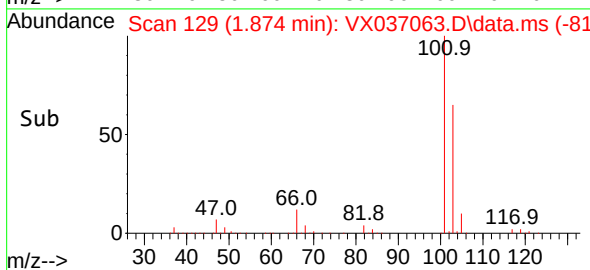
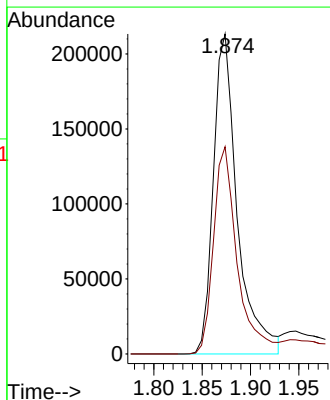
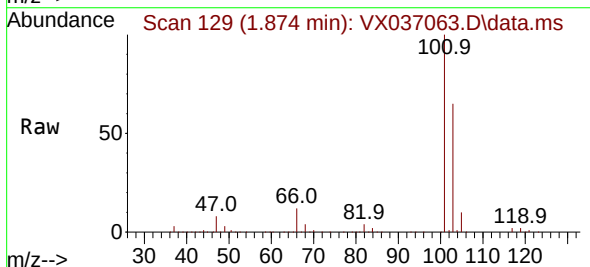
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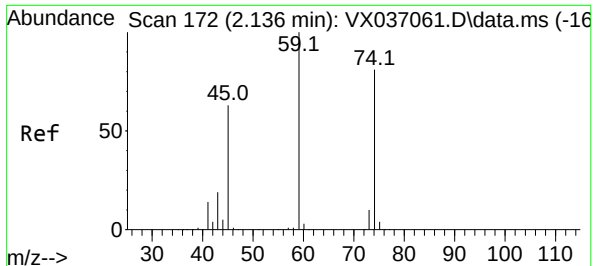
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#7
Trichlorofluoromethane
Concen: 130.865 ug/l
RT: 1.874 min Scan# 129
Delta R.T. -0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

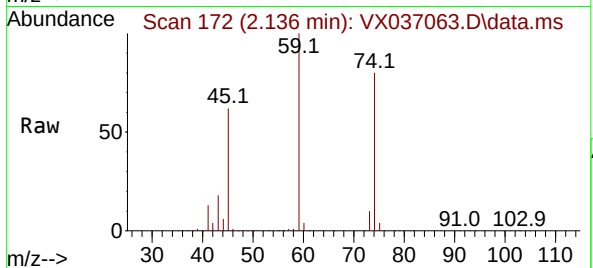
Tgt Ion:101 Resp: 366285
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2





#8
Diethyl Ether
Concen: 143.870 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

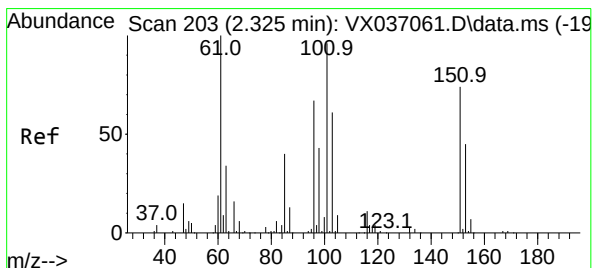
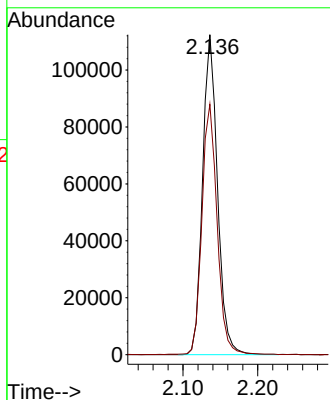
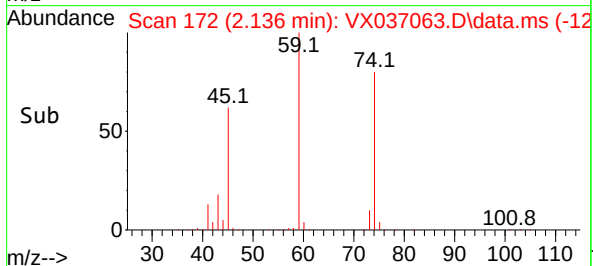
Instrument :
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ClientSampleId :
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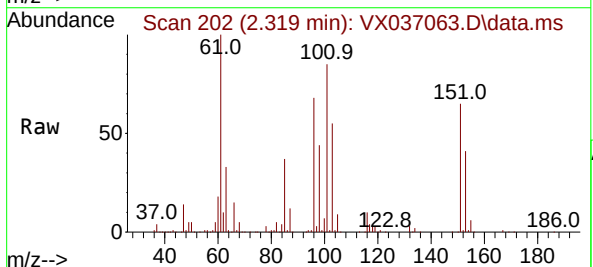
Tgt Ion: 74 Resp: 15579
Ion Ratio Lower Upper
74 100
45 80.4 53.3 159.8

Manual Integrations
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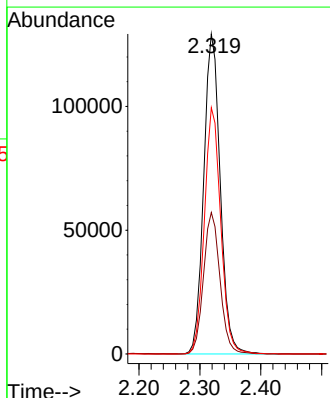
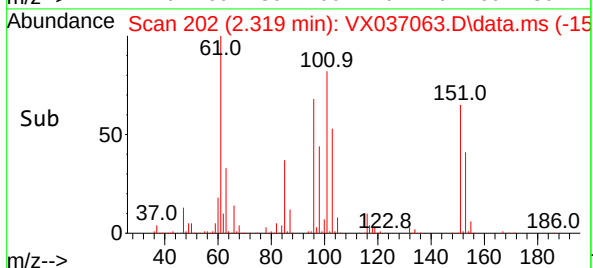
Reviewed By :John Carlone 08/18/2023
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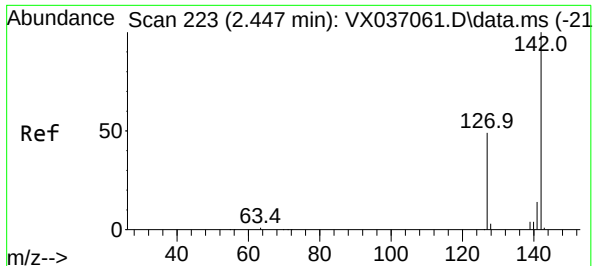


#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.460 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



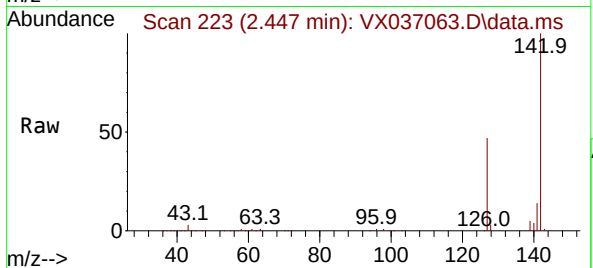
Tgt Ion:101 Resp: 244044
Ion Ratio Lower Upper
101 100
85 44.2 37.0 55.6
151 76.5 58.6 87.8





#10
Methyl Iodide
Concen: 152.336 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

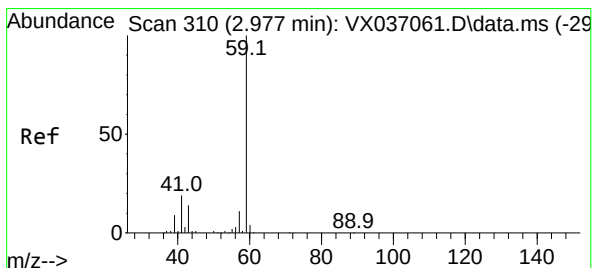
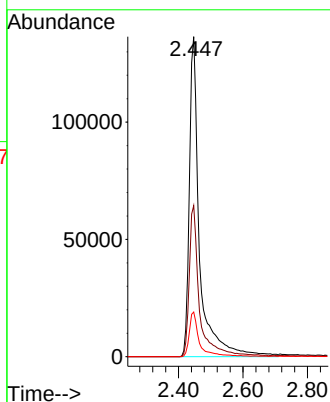
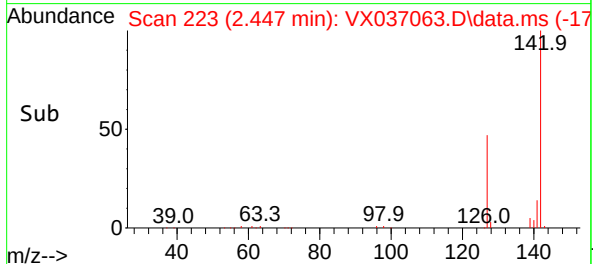
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 302315
Ion Ratio Lower Upper
142 100
127 47.6 41.6 62.4
141 13.9 11.6 17.4

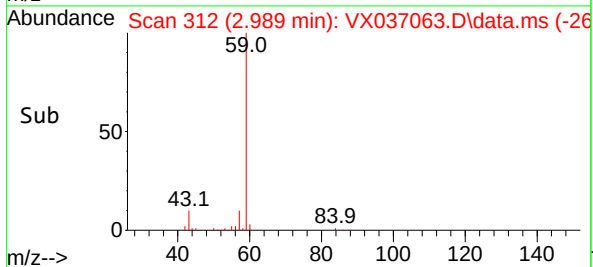
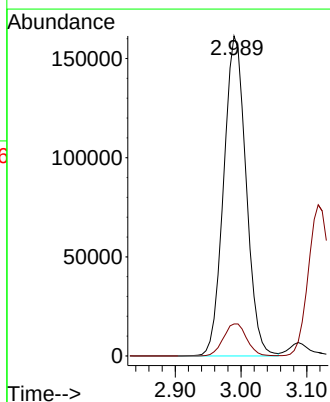
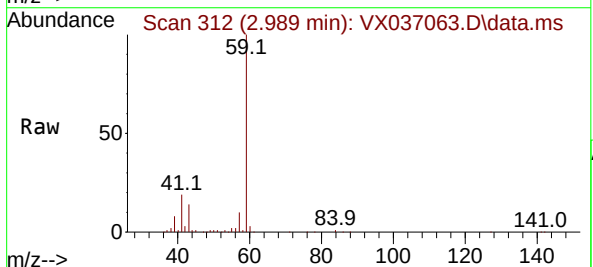
Manual Integrations
APPROVED

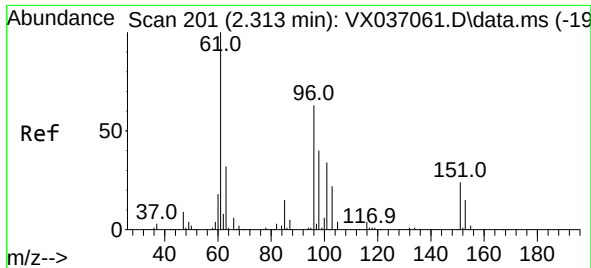
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#11
Tert butyl alcohol
Concen: 733.802 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

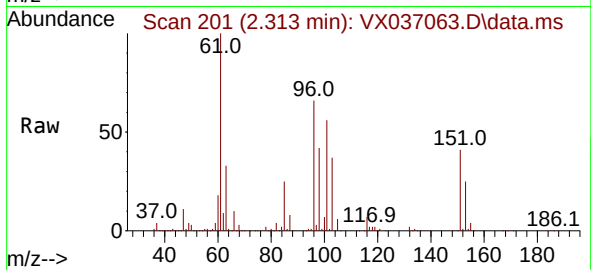
Tgt Ion: 59 Resp: 383324
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0#





#12
1,1-Dichloroethene
Concen: 149.600 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

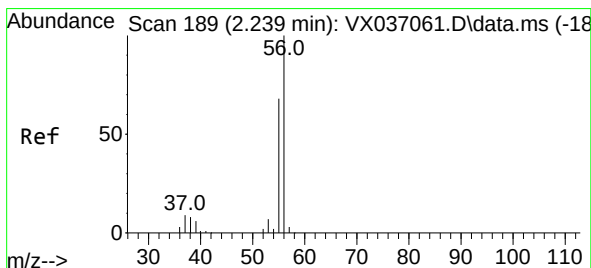
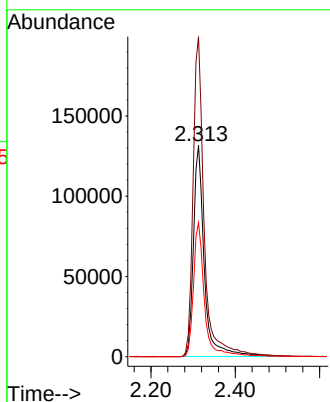
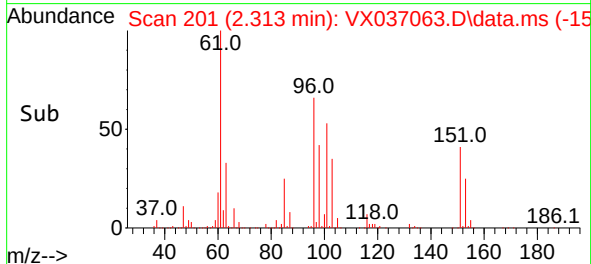
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



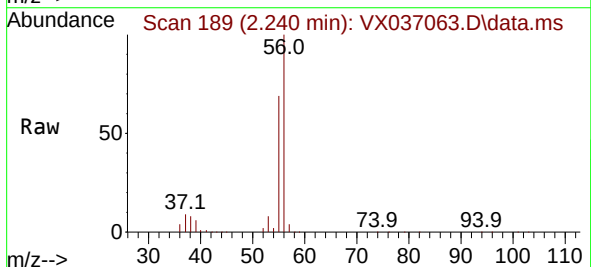
Tgt Ion: 96 Resp: 237875
Ion Ratio Lower Upper
96 100
61 151.5 144.6 216.8
98 63.4 50.4 75.6

Manual Integrations
APPROVED

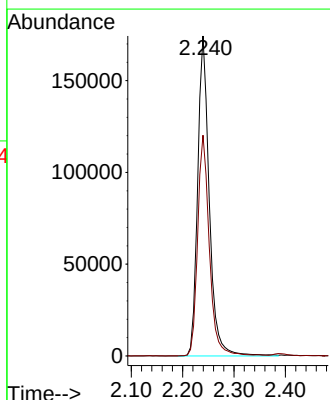
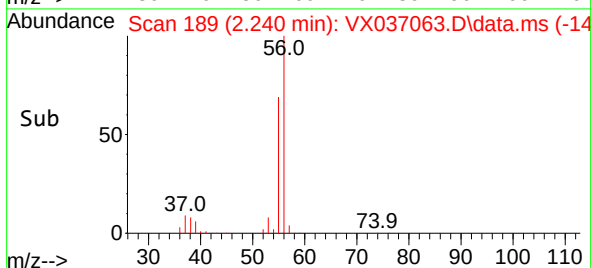
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

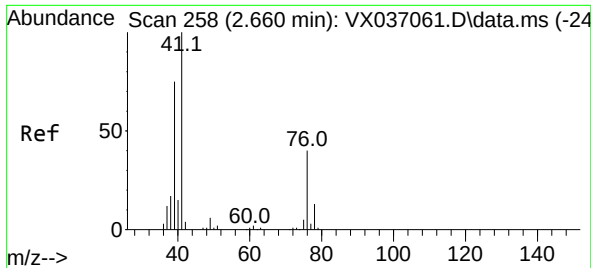


#13
Acrolein
Concen: 689.796 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



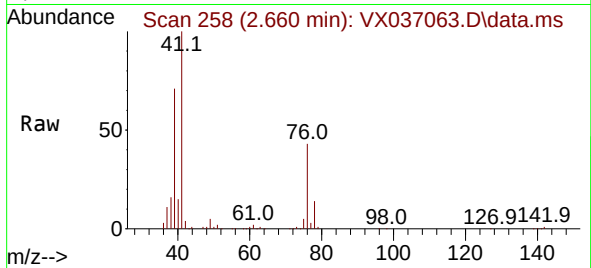
Tgt Ion: 56 Resp: 274123
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7





#14
 Allyl chloride
 Concen: 141.620 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX037063.D
 Acq: 17 Aug 2023 15:58

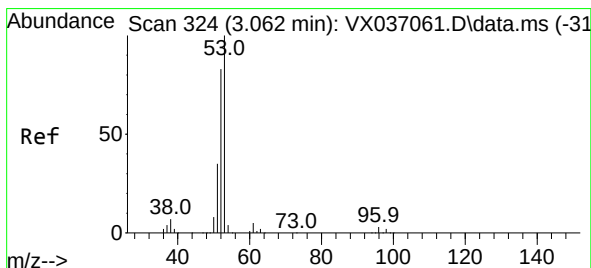
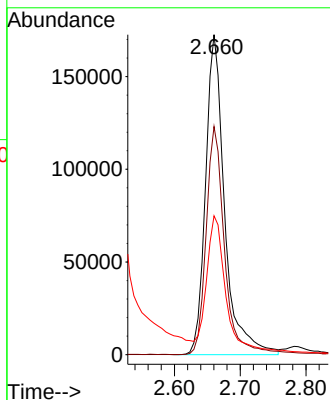
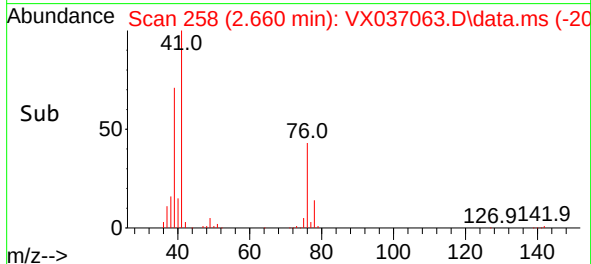
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



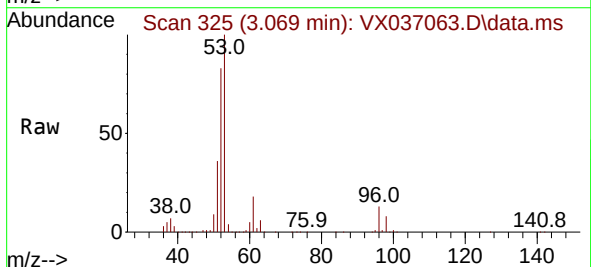
Tgt Ion: 41 Resp: 34854
 Ion Ratio Lower Upper
 41 100
 39 69.4 55.8 83.6
 76 46.6 24.3 36.5

Manual Integrations
 APPROVED

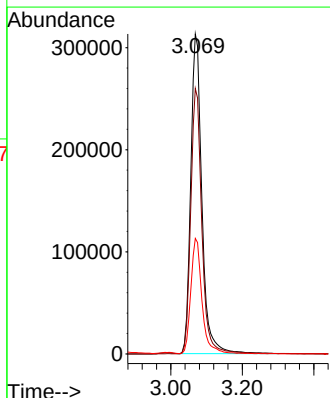
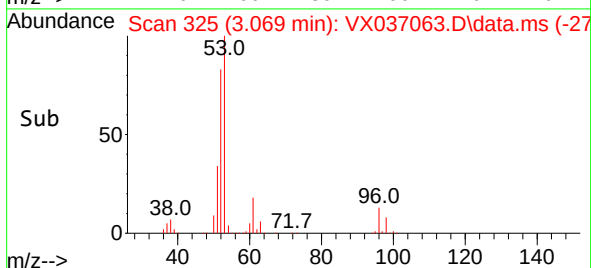
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023

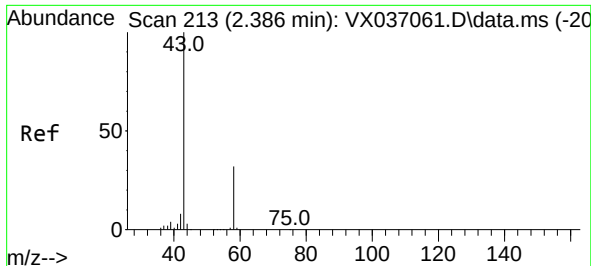


#15
 Acrylonitrile
 Concen: 726.798 ug/l
 RT: 3.069 min Scan# 325
 Delta R.T. 0.006 min
 Lab File: VX037063.D
 Acq: 17 Aug 2023 15:58



Tgt Ion: 53 Resp: 677654
 Ion Ratio Lower Upper
 53 100
 52 82.9 66.0 99.0
 51 36.2 29.8 44.6





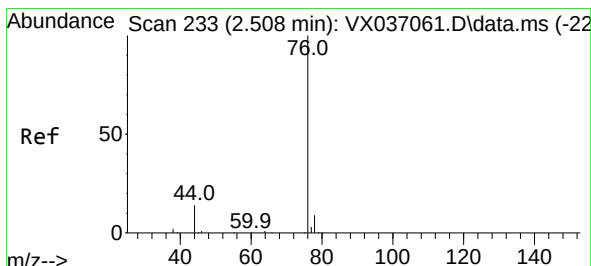
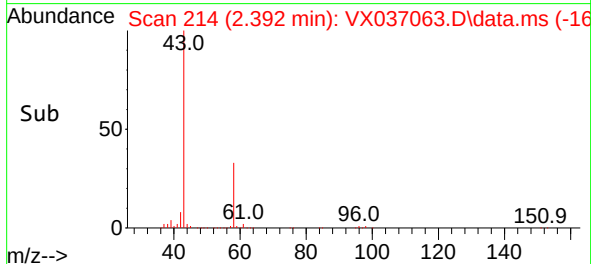
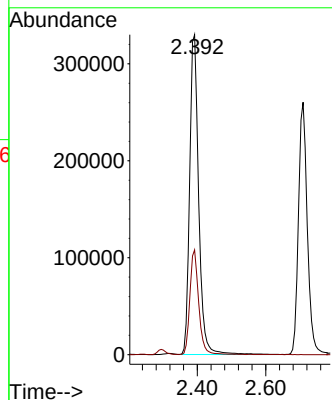
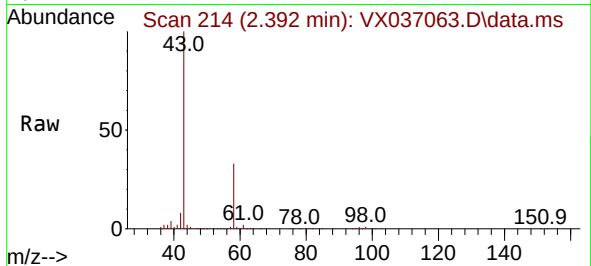
#16
Acetone
Concen: 689.174 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 600399
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9

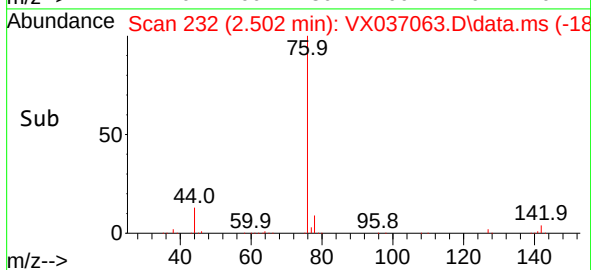
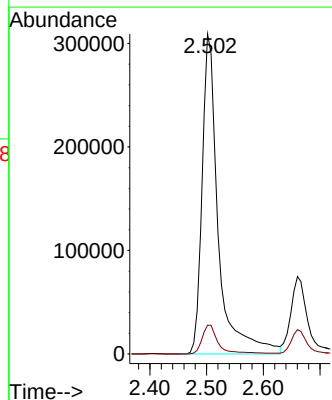
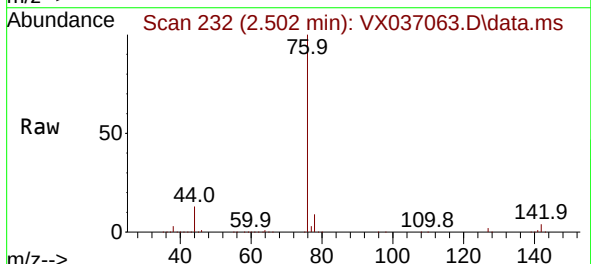
Manual Integrations
APPROVED

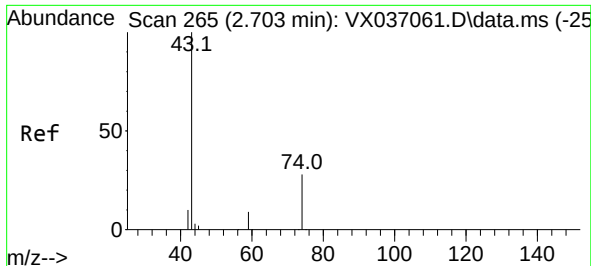
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#17
Carbon Disulfide
Concen: 151.770 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

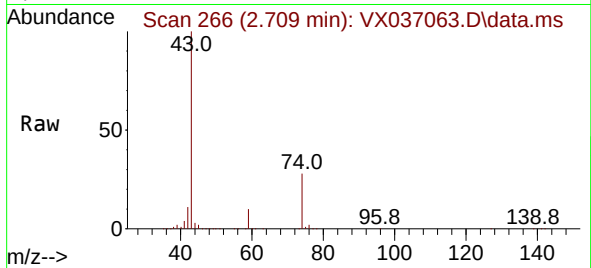
Tgt Ion: 76 Resp: 613846
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6





#18
Methyl Acetate
Concen: 141.837 ug/l
RT: 2.709 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

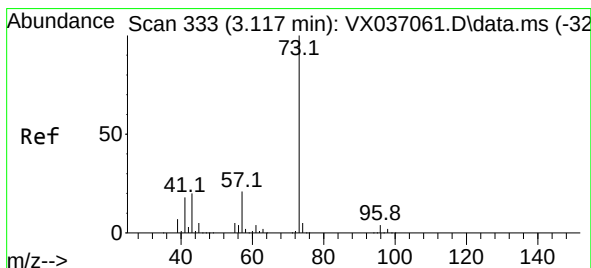
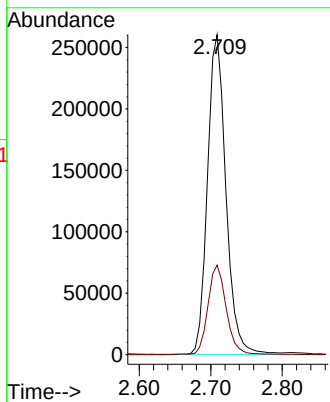
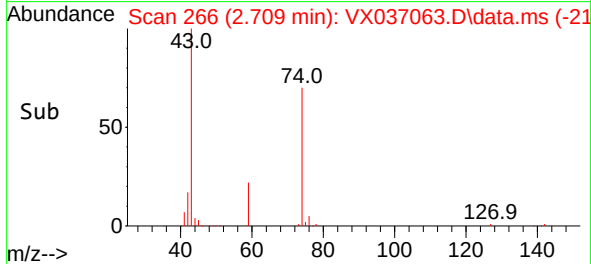
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 46525
Ion Ratio Lower Upper
43 100
74 28.1 17.8 26.8

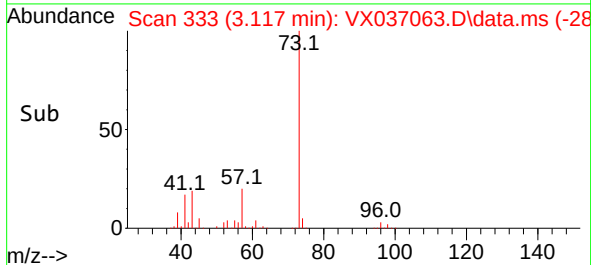
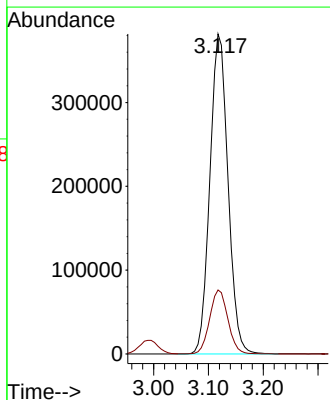
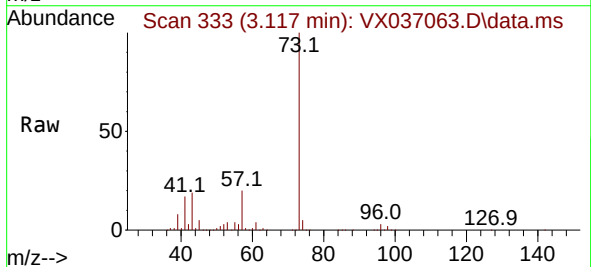
Manual Integrations
APPROVED

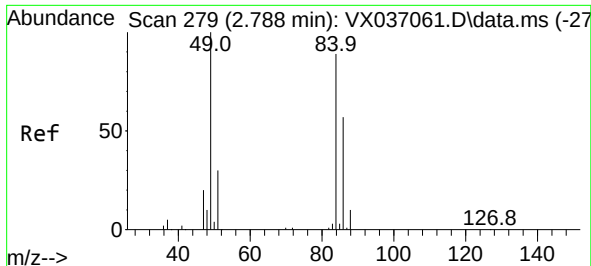
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#19
Methyl tert-butyl Ether
Concen: 145.044 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

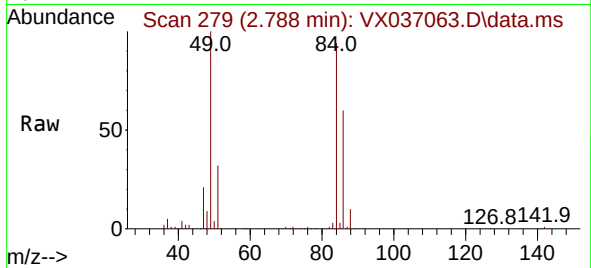
Tgt Ion: 73 Resp: 874693
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9





#20
Methylene Chloride
Concen: 139.053 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

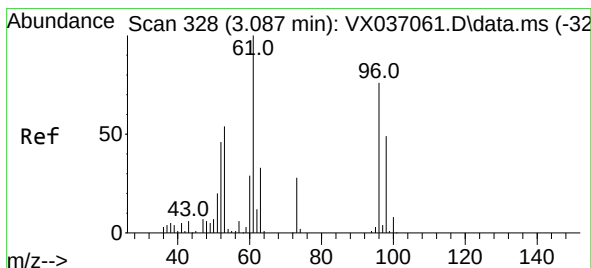
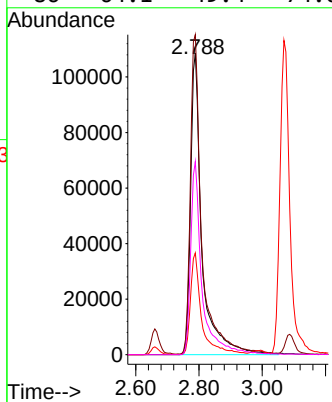
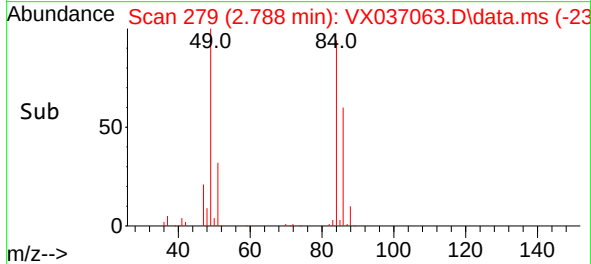
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 84 Resp: 270908
Ion Ratio Lower Upper
84 100
49 105.9 103.6 155.4
51 33.7 33.8 50.6
86 64.1 49.4 74.0

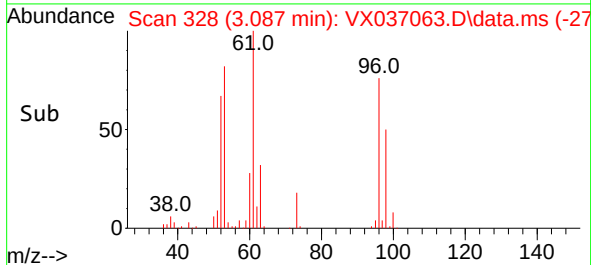
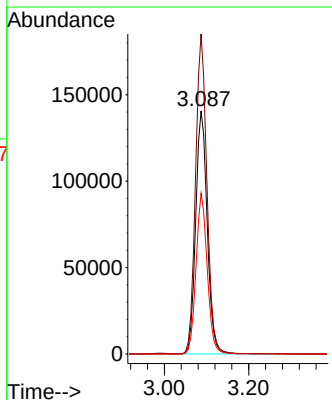
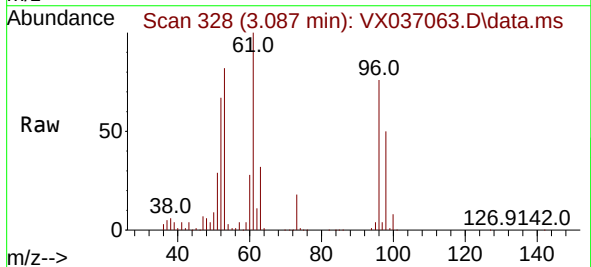
Manual Integrations
APPROVED

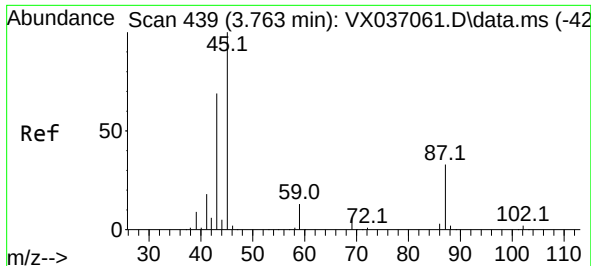
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#21
trans-1,2-Dichloroethene
Concen: 148.182 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

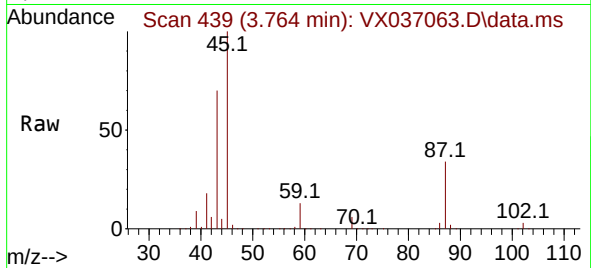
Tgt Ion: 96 Resp: 267845
Ion Ratio Lower Upper
96 100
61 131.6 119.2 178.8
98 66.1 48.7 73.1





#22
Diisopropyl ether
Concen: 144.773 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

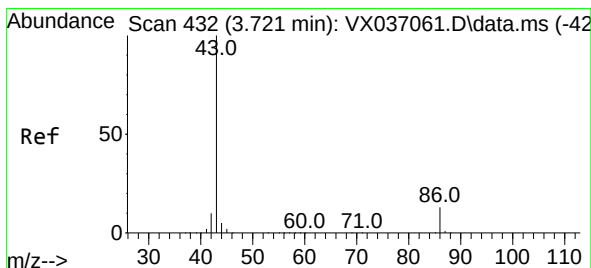
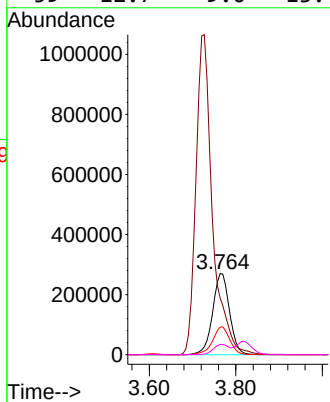
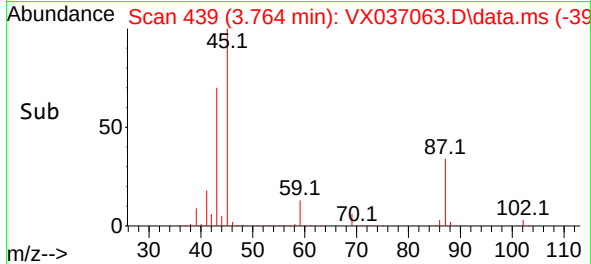
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



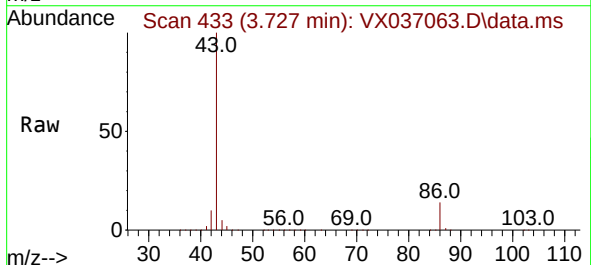
Tgt Ion: 45 Resp: 731154
Ion Ratio Lower Upper
45 100
43 70.0 69.7 104.5
87 34.0 20.8 31.2
59 12.7 9.0 13.4

Manual Integrations
APPROVED

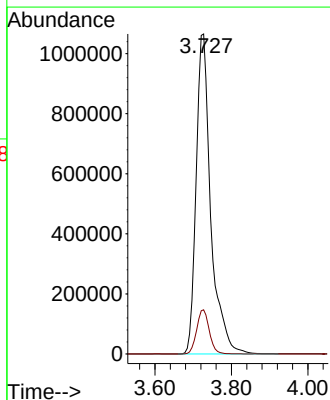
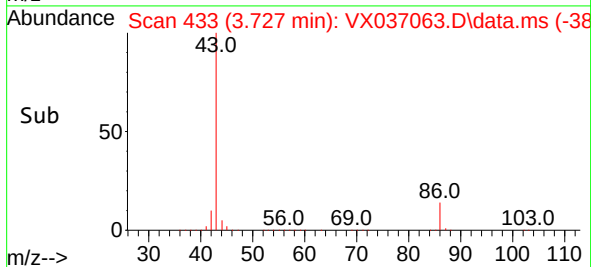
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

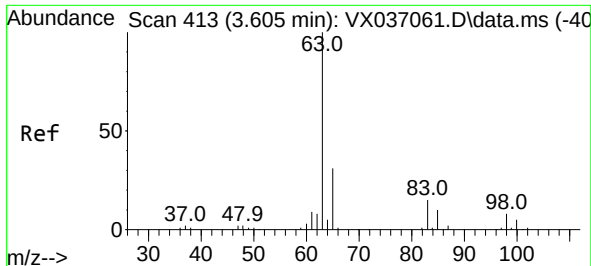


#23
Vinyl Acetate
Concen: 730.210 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



Tgt Ion: 43 Resp: 2826029
Ion Ratio Lower Upper
43 100
86 13.8 7.8 11.8





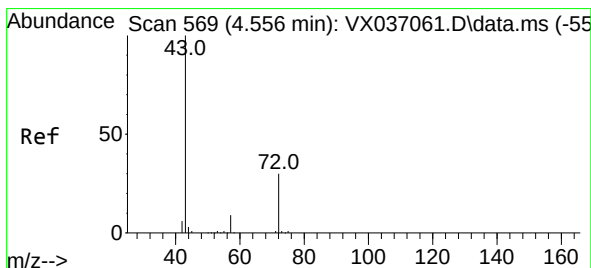
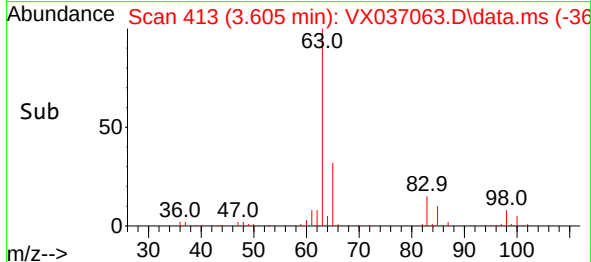
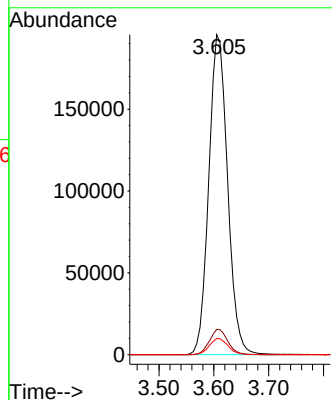
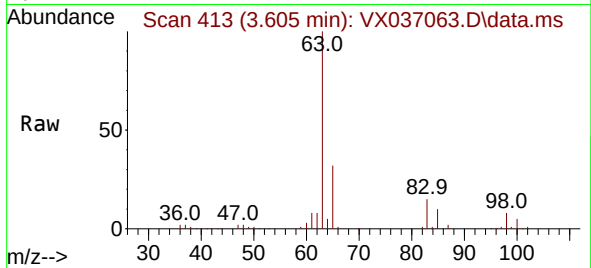
#24
1,1-Dichloroethane
Concen: 147.022 ug/l
RT: 3.605 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 465620
Ion Ratio Lower Upper
63 100
98 7.9 3.3 9.8
100 5.0 2.1 6.5

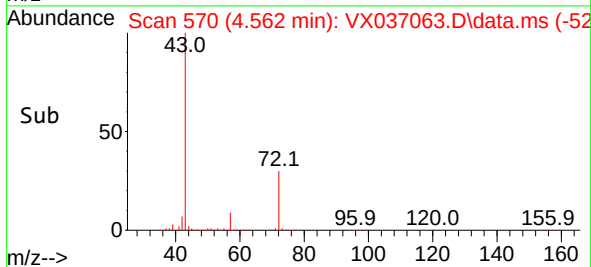
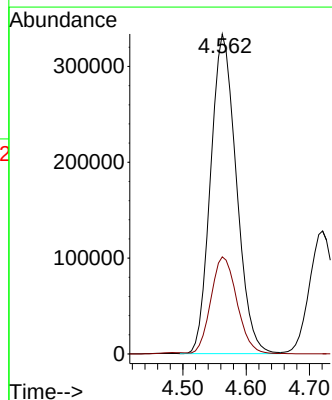
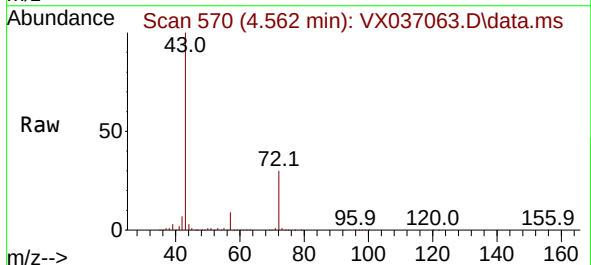
Manual Integrations
APPROVED

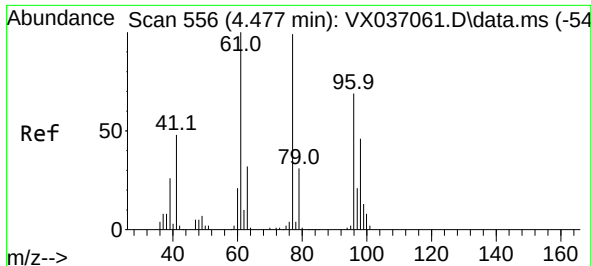
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#25
2-Butanone
Concen: 717.822 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

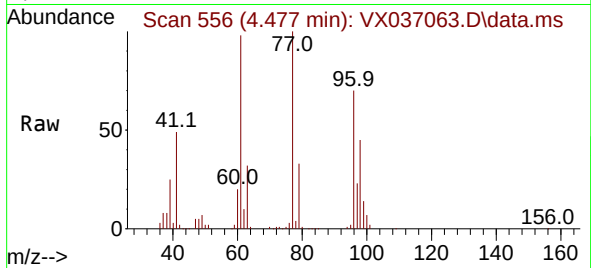
Tgt Ion: 43 Resp: 941600
Ion Ratio Lower Upper
43 100
72 30.2 19.4 29.2#





#26
2,2-Dichloropropane
Concen: 153.615 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

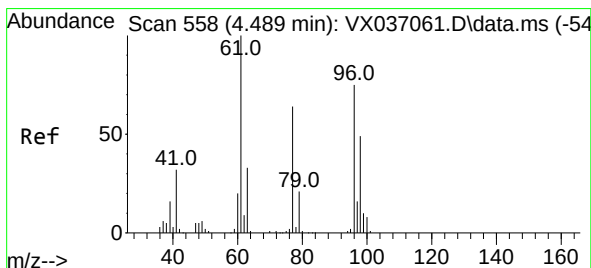
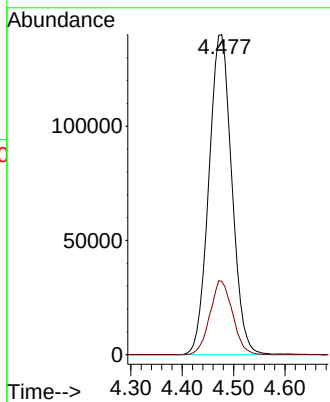
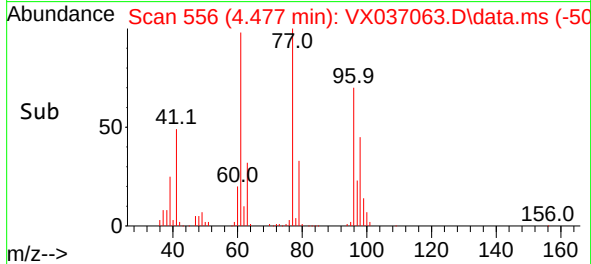
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



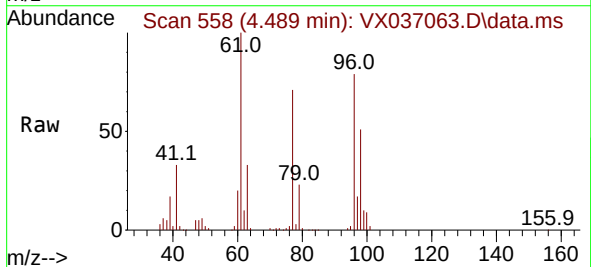
Tgt Ion: 77 Resp: 434480
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3

Manual Integrations
APPROVED

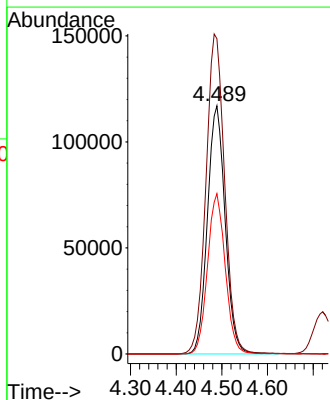
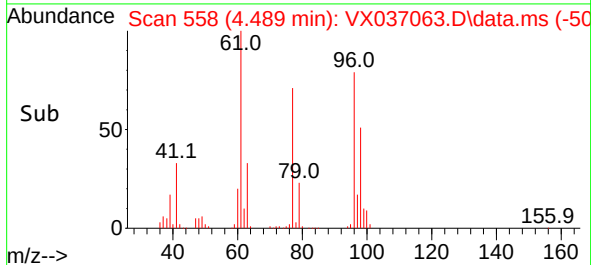
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

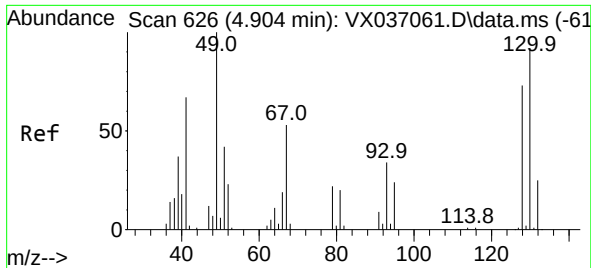


#27
cis-1,2-Dichloroethene
Concen: 148.472 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



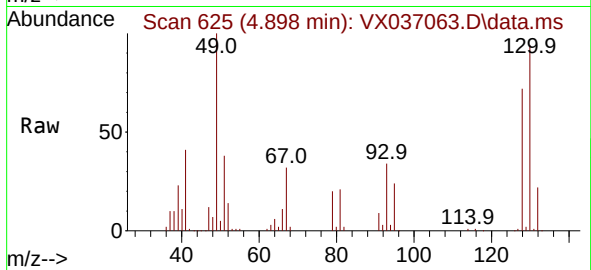
Tgt Ion: 96 Resp: 316381
Ion Ratio Lower Upper
96 100
61 135.8 0.0 312.2
98 64.7 0.0 129.0





#28
Bromochloromethane
Concen: 143.955 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

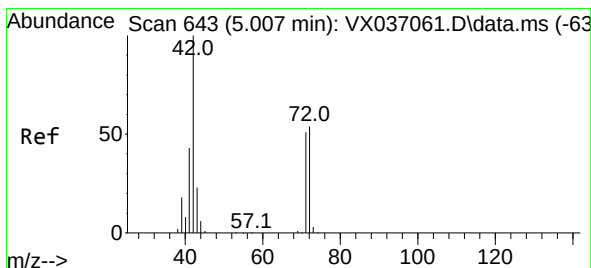
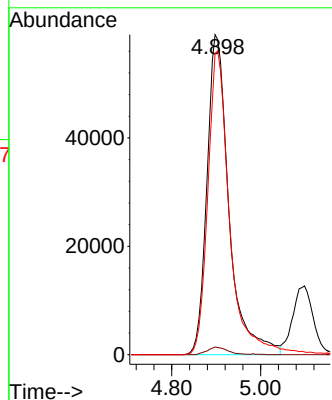
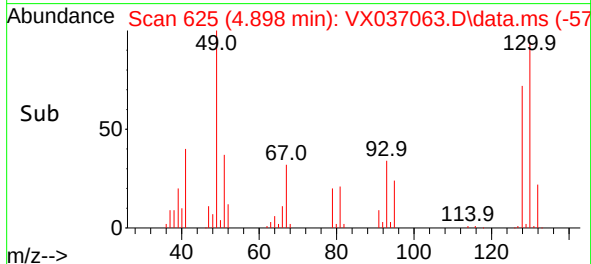
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 49 Resp: 20366
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 94.2 57.5 86.3

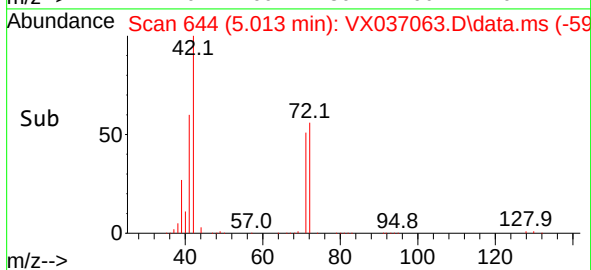
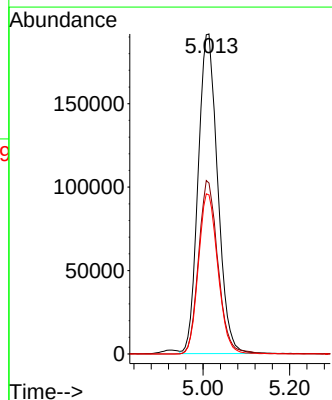
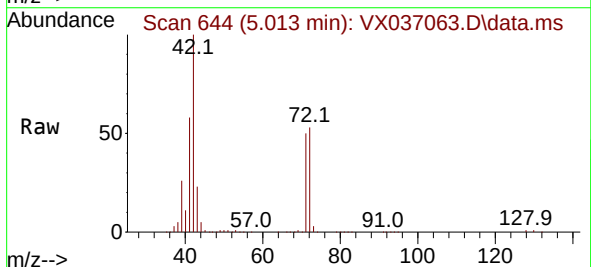
Manual Integrations
APPROVED

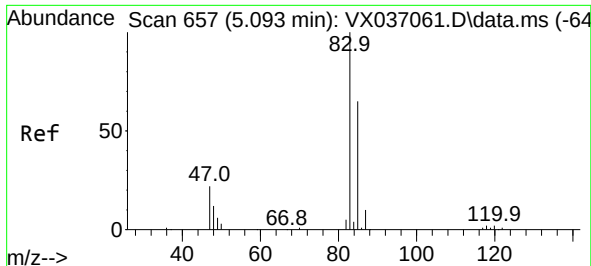
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#29
Tetrahydrofuran
Concen: 716.104 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Tgt Ion: 42 Resp: 599049
Ion Ratio Lower Upper
42 100
72 54.1 34.2 51.4#
71 49.9 32.2 48.2#





#30

Chloroform

Concen: 144.735 ug/l

RT: 5.099 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX037063.D

Acq: 17 Aug 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 514560

Ion Ratio Lower Upper

83 100

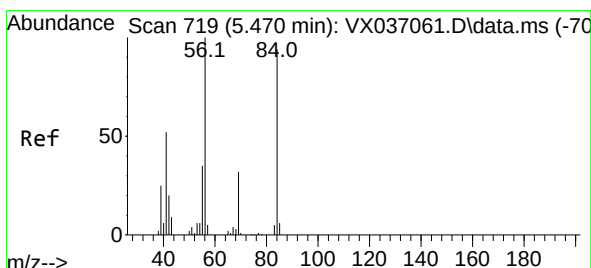
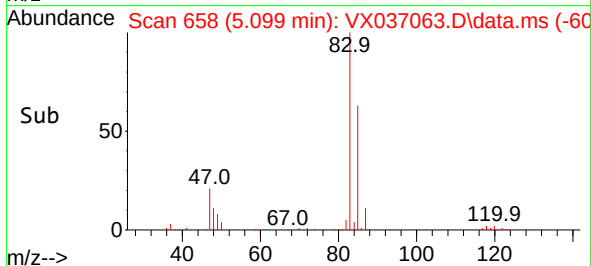
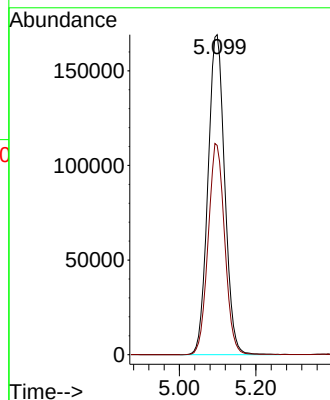
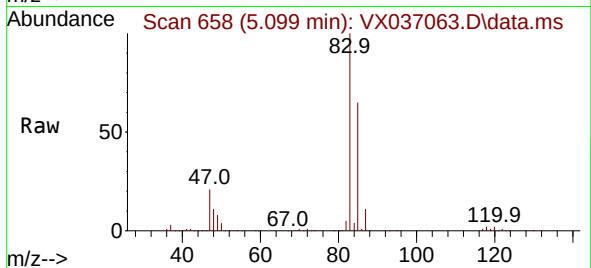
85 65.4 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#31

Cyclohexane

Concen: 151.154 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX037063.D

Acq: 17 Aug 2023 15:58

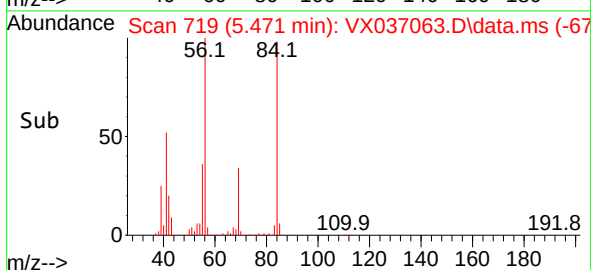
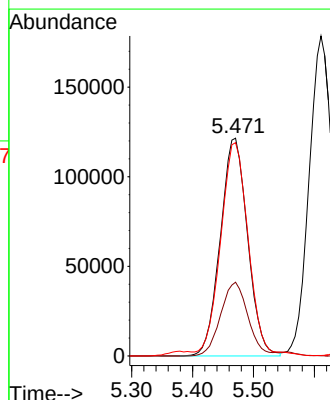
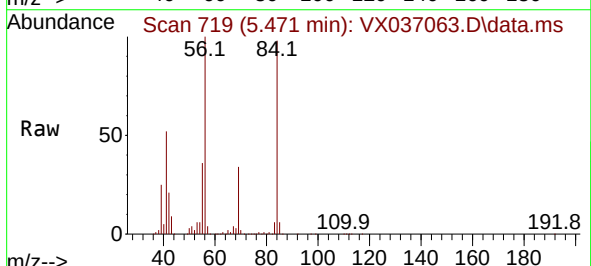
Tgt Ion: 56 Resp: 378484

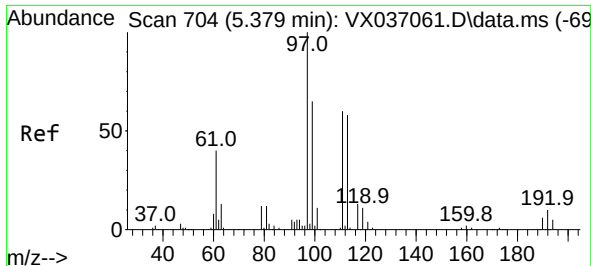
Ion Ratio Lower Upper

56 100

69 33.9 23.4 35.2

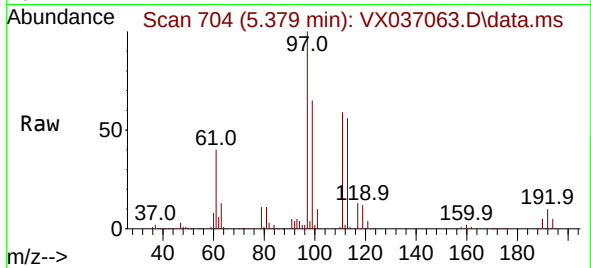
84 96.3 65.9 98.9





#32
1,1,1-Trichloroethane
Concen: 152.266 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

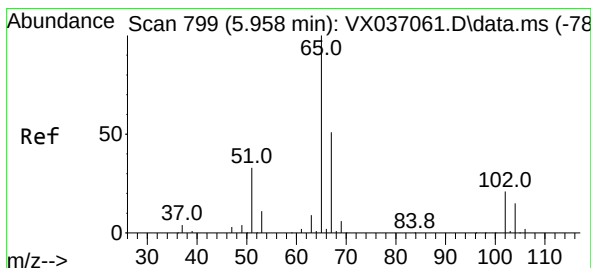
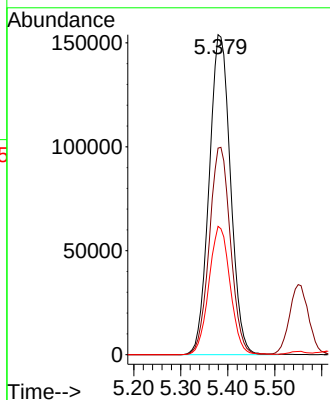
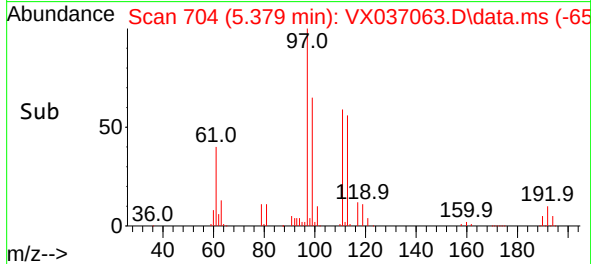
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 97 Resp: 48510
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 40.1 36.4 54.6

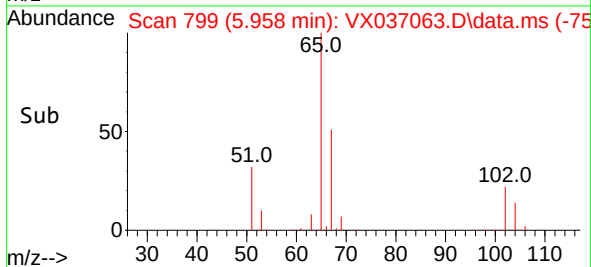
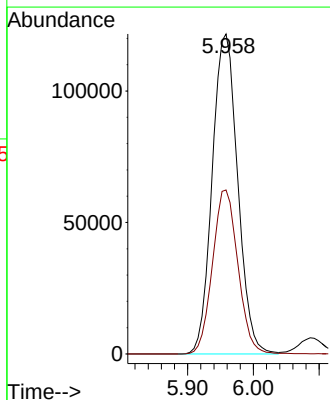
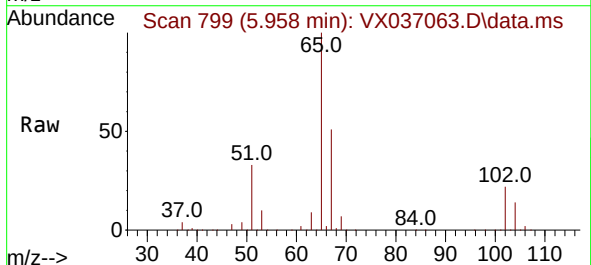
Manual Integrations
APPROVED

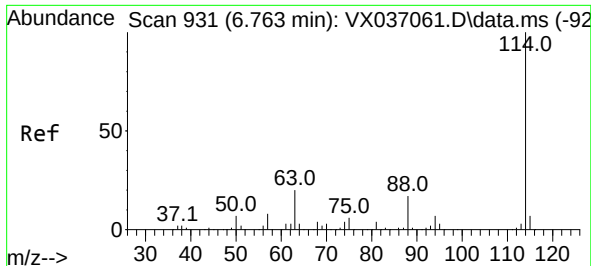
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#33
1,2-Dichloroethane-d4
Concen: 147.566 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Tgt Ion: 65 Resp: 328615
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2





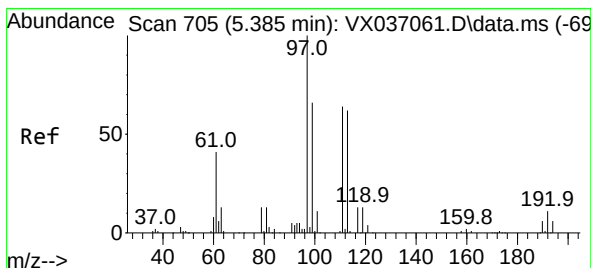
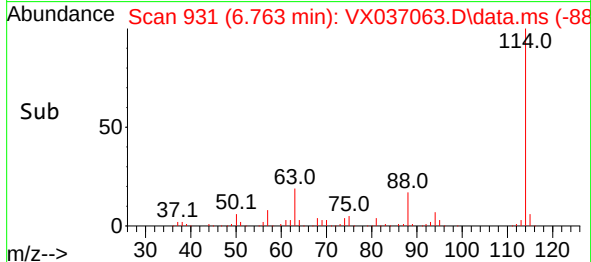
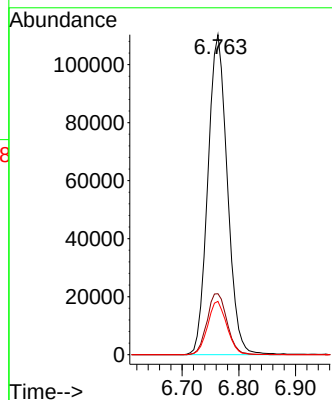
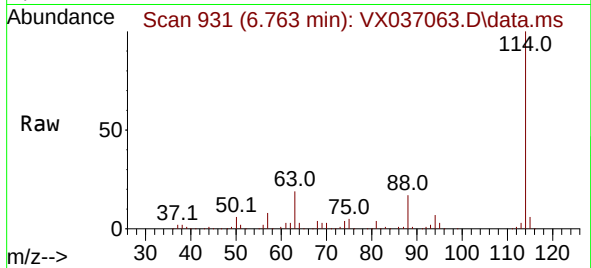
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:114 Resp: 26327
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 16.6 0.0 36.6

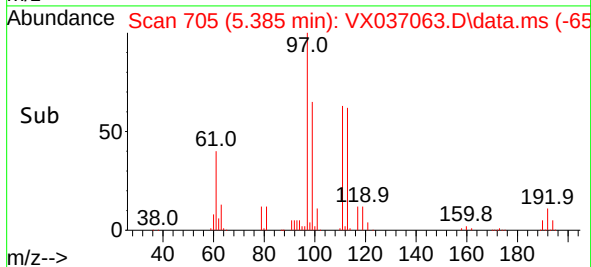
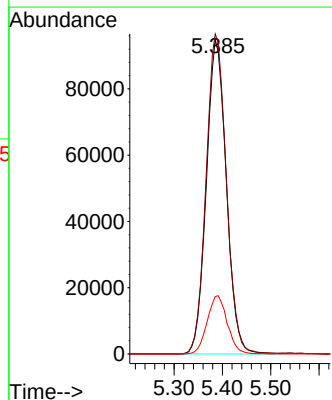
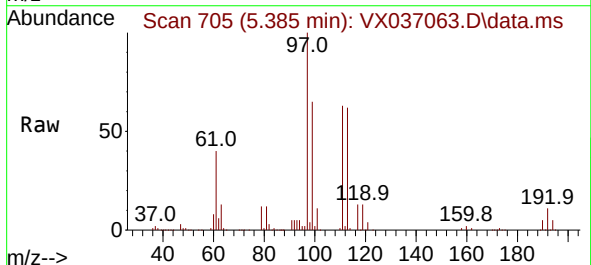
Manual Integrations
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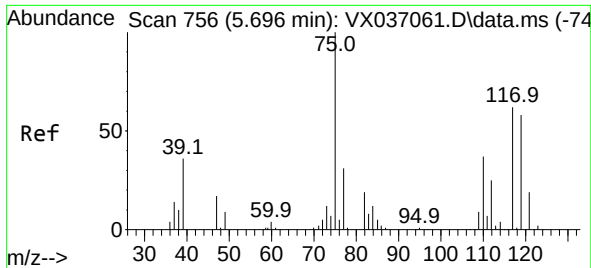
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#35
Dibromofluoromethane
Concen: 156.251 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

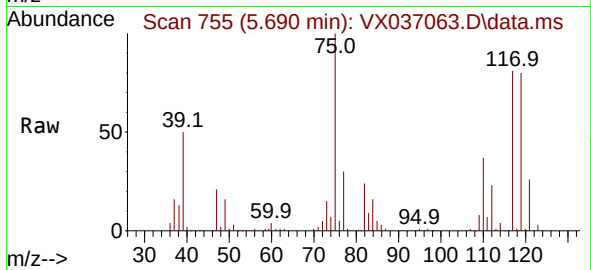
Tgt Ion:113 Resp: 272443
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.6 13.3 19.9





#36
1,1-Dichloropropene
Concen: 151.624 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

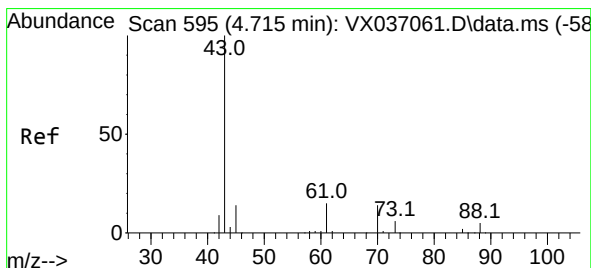
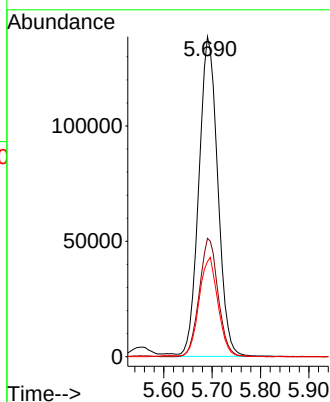
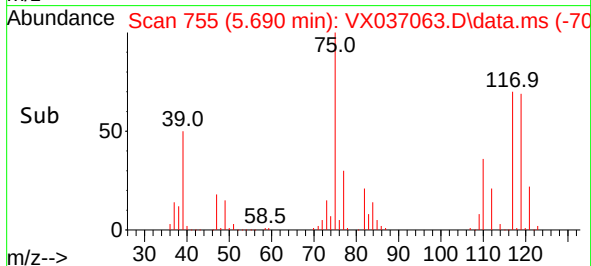
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 375604
Ion Ratio Lower Upper
75 100
110 36.9 17.0 50.9
77 31.2 24.7 37.1

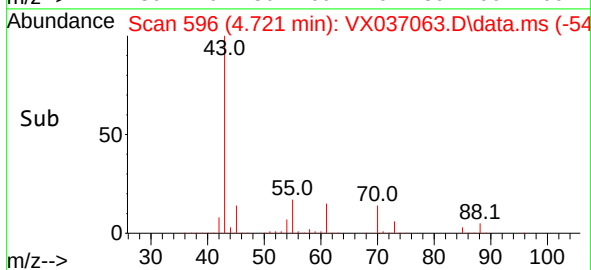
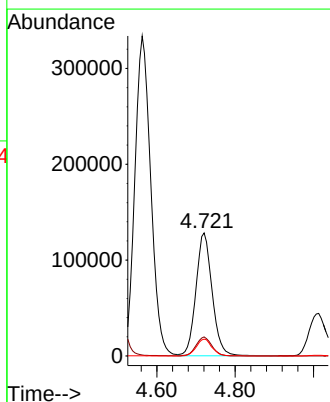
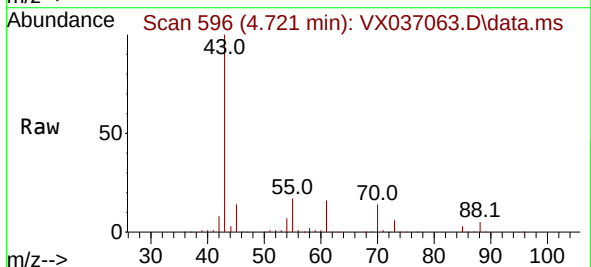
Manual Integrations
APPROVED

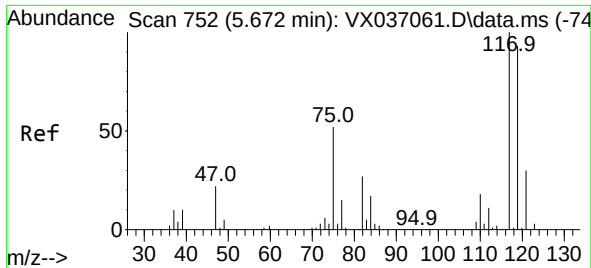
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#37
Ethyl Acetate
Concen: 145.538 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

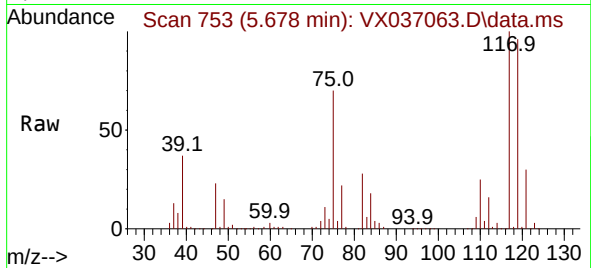
Tgt Ion: 43 Resp: 368281
Ion Ratio Lower Upper
43 100
61 15.1 10.6 16.0
70 13.3 8.3 12.5





#38
Carbon Tetrachloride
Concen: 159.071 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

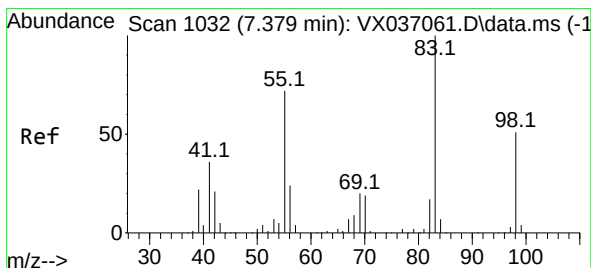
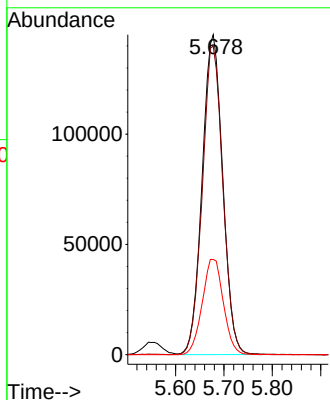
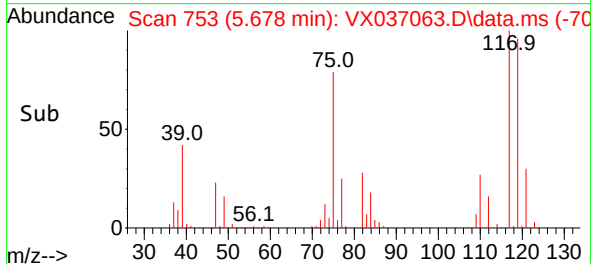
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 42805
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.2
121 29.8 24.4 36.6

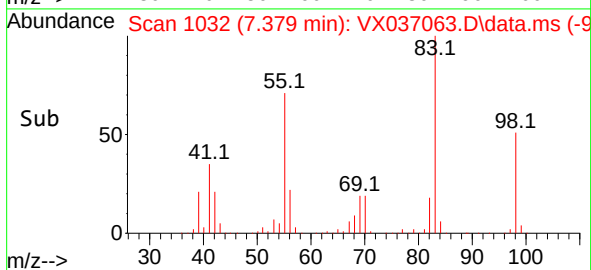
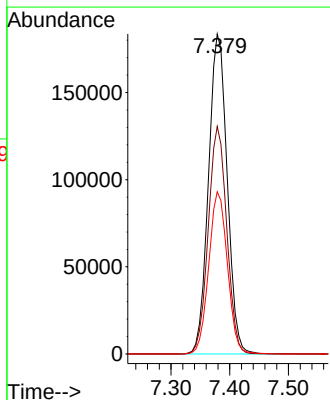
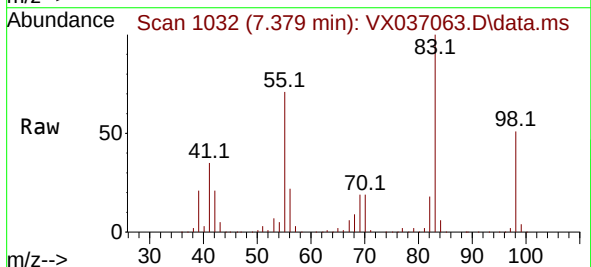
Manual Integrations
APPROVED

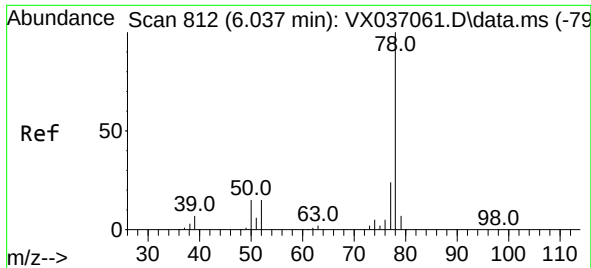
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#39
Methylcyclohexane
Concen: 156.064 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Tgt Ion: 83 Resp: 406182
Ion Ratio Lower Upper
83 100
55 71.1 64.6 97.0
98 50.7 36.7 55.1





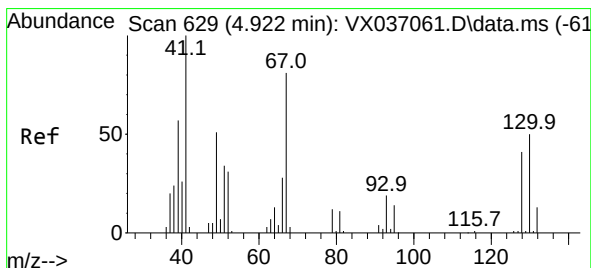
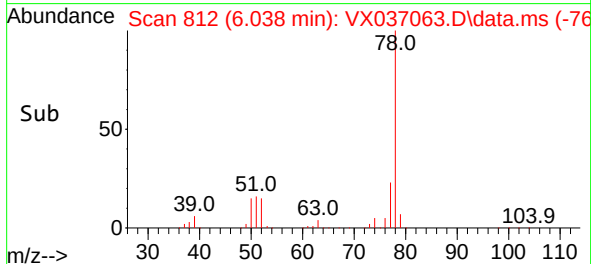
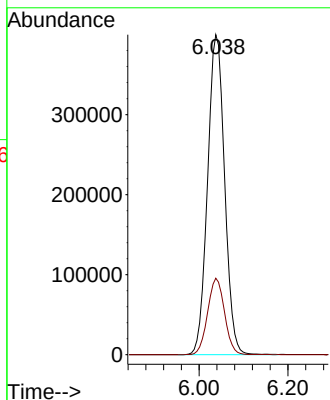
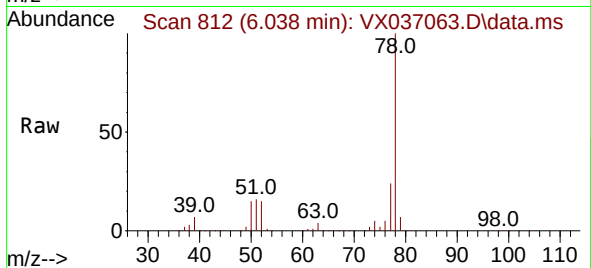
#40
Benzene
Concen: 150.114 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 78 Resp: 106650
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

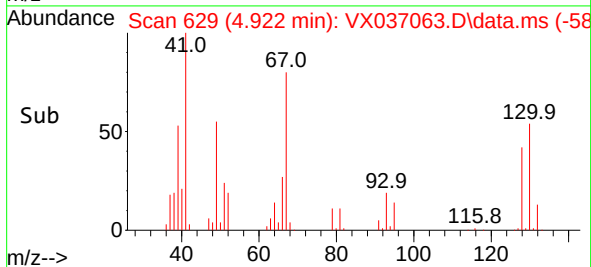
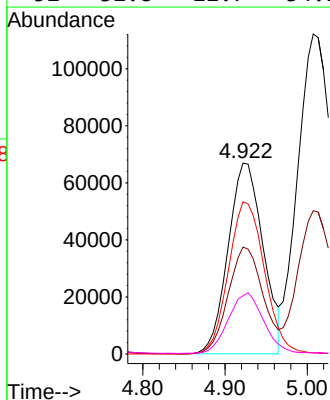
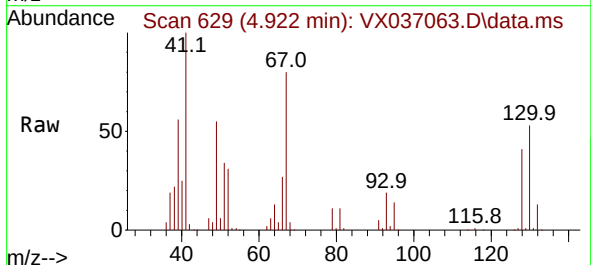
Manual Integrations
APPROVED

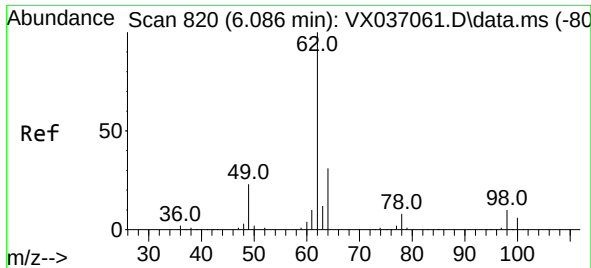
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#41
Methacrylonitrile
Concen: 150.622 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Tgt Ion: 41 Resp: 198140
Ion Ratio Lower Upper
41 100
39 55.4 45.2 67.8
67 82.5 52.6 78.8#
52 32.8 22.7 34.1





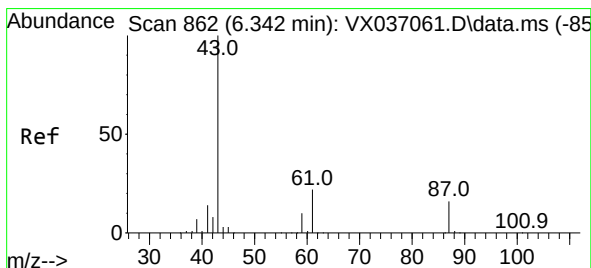
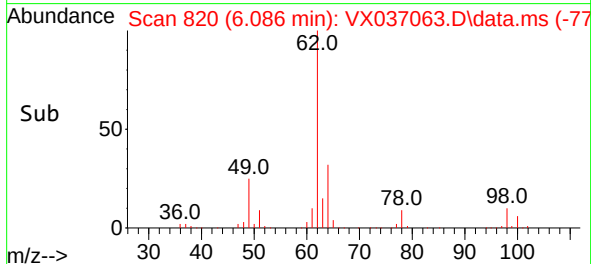
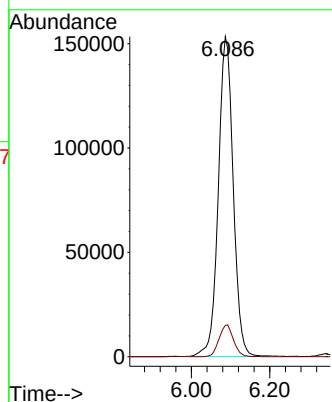
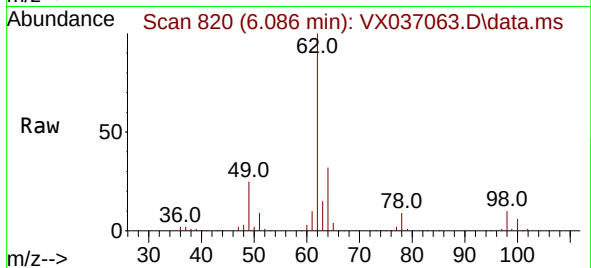
#42
1,2-Dichloroethane
Concen: 145.493 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 62 Resp: 405362
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.0

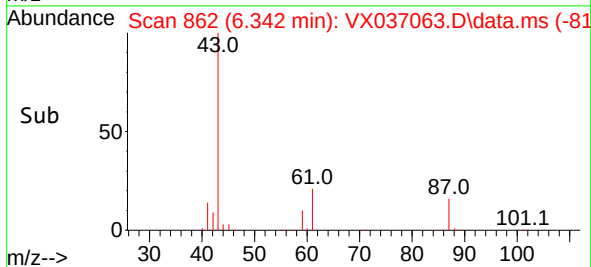
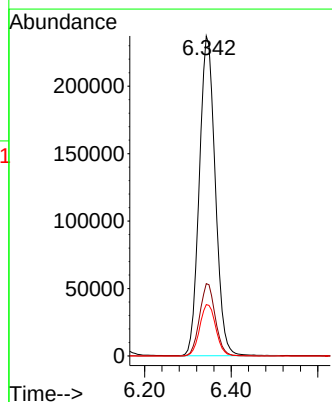
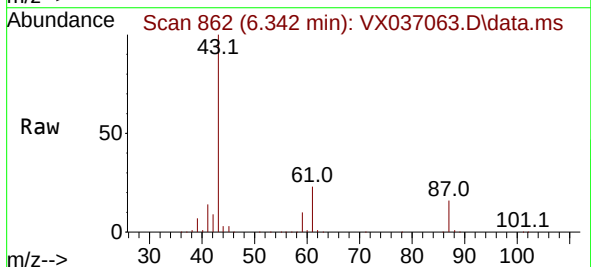
Manual Integrations
APPROVED

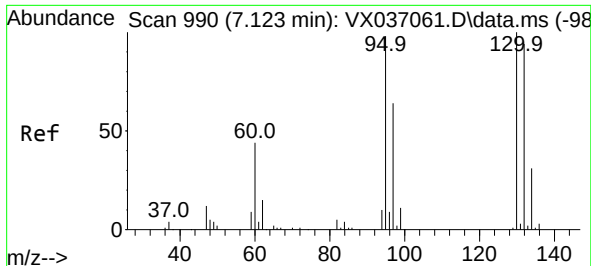
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#43
Isopropyl Acetate
Concen: 150.697 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

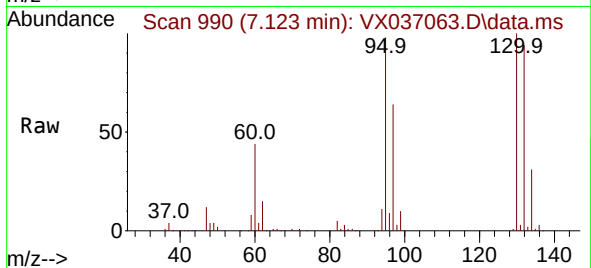
Tgt Ion: 43 Resp: 605420
Ion Ratio Lower Upper
43 100
61 22.2 15.2 22.8
87 16.3 9.8 14.6





#44
Trichloroethene
Concen: 150.788 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

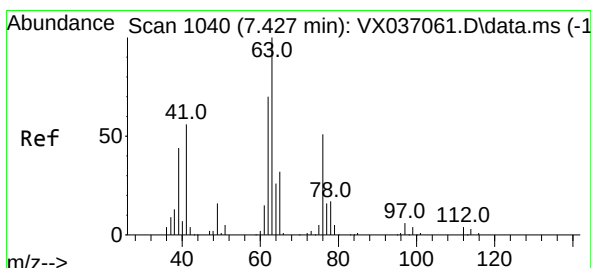
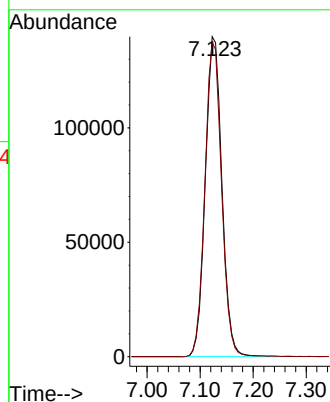
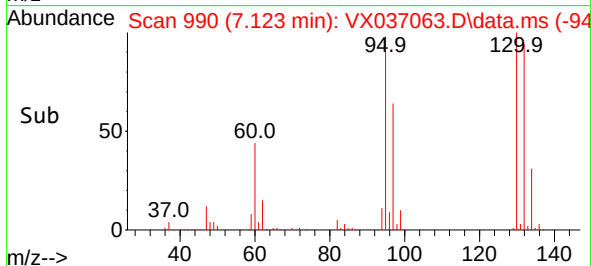
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



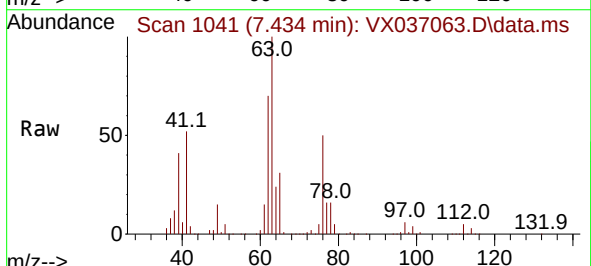
Tgt Ion:130 Resp: 30377
Ion Ratio Lower Upper
130 100
95 98.3 0.0 204.4

Manual Integrations
APPROVED

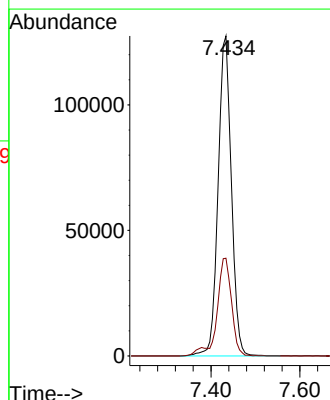
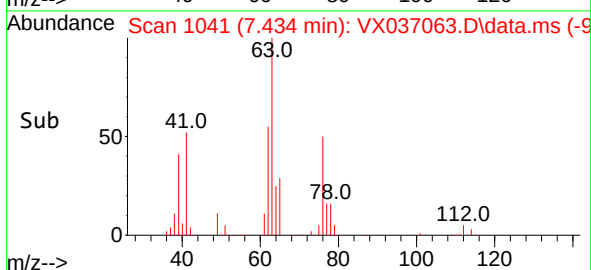
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

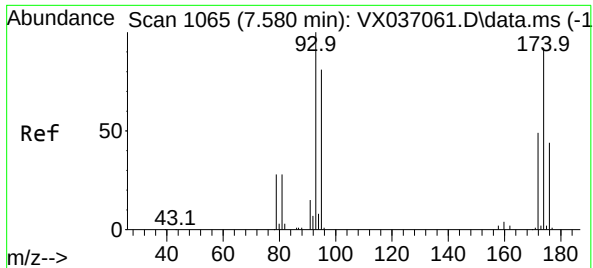


#45
1,2-Dichloropropane
Concen: 150.283 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



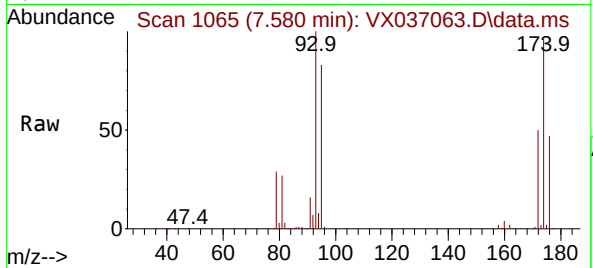
Tgt Ion: 63 Resp: 263265
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5





#46
Dibromomethane
Concen: 150.952 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

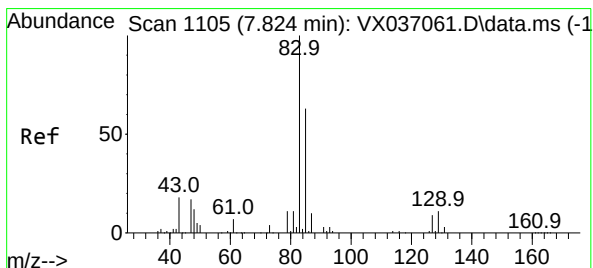
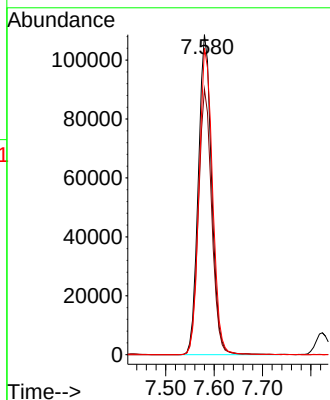
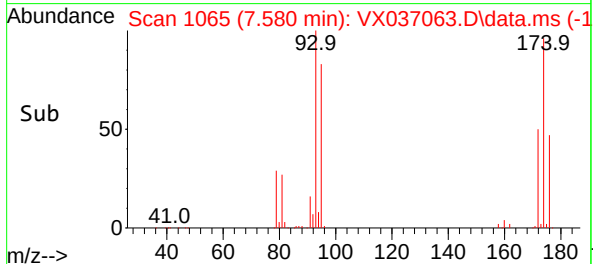
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



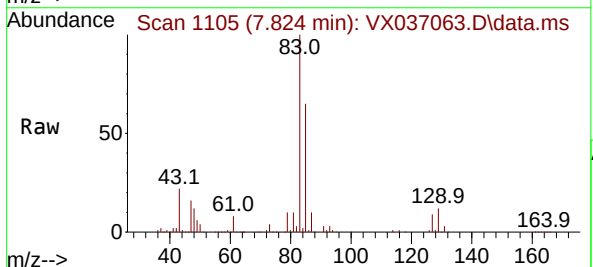
Tgt Ion: 93 Resp: 208318
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 96.9 69.4 104.0

Manual Integrations
APPROVED

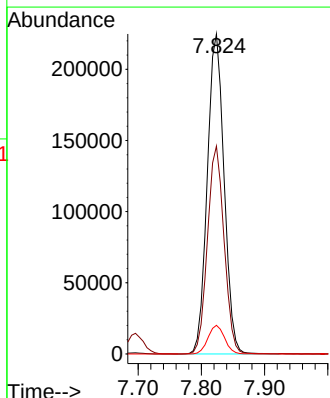
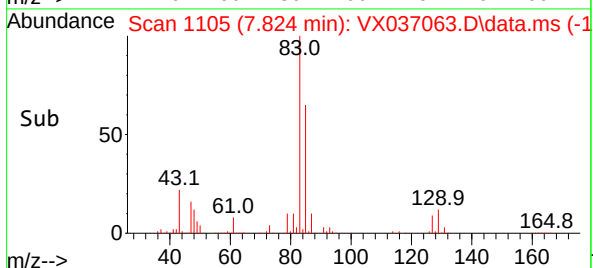
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

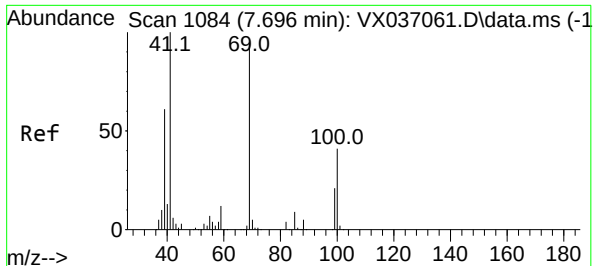


#47
Bromodichloromethane
Concen: 156.911 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



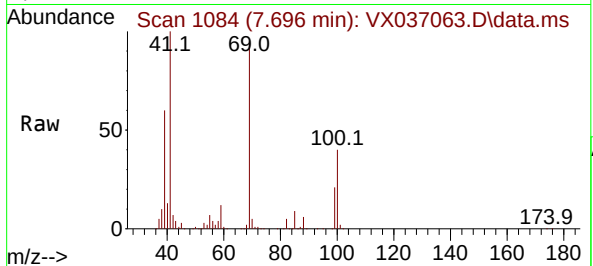
Tgt Ion: 83 Resp: 414761
Ion Ratio Lower Upper
83 100
85 64.9 49.8 74.6
127 9.0 7.1 10.7





#48
Methyl methacrylate
Concen: 149.668 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

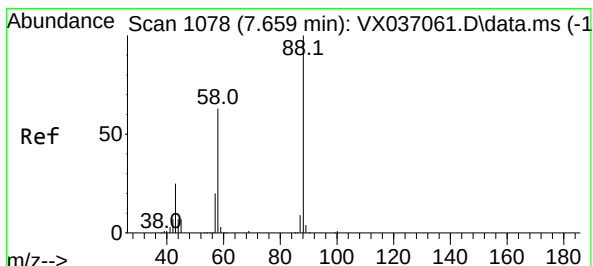
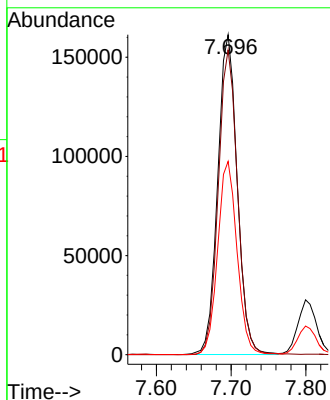
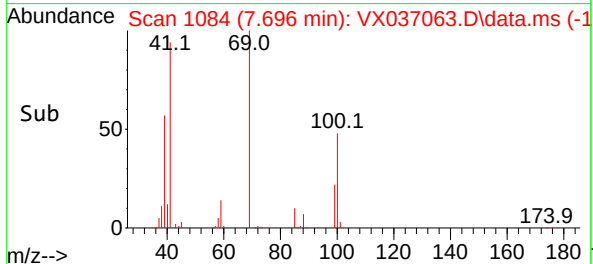
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



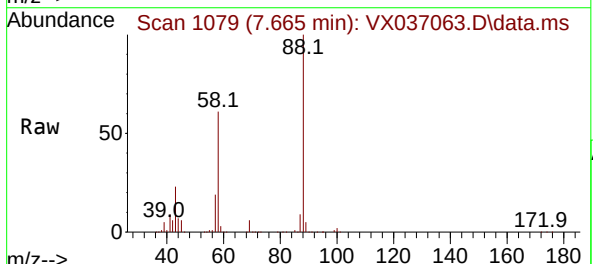
Tgt Ion: 41 Resp: 293234
Ion Ratio Lower Upper
41 100
69 94.3 59.2 88.8
39 60.2 47.7 71.5

Manual Integrations
APPROVED

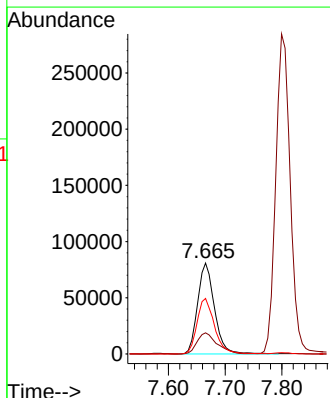
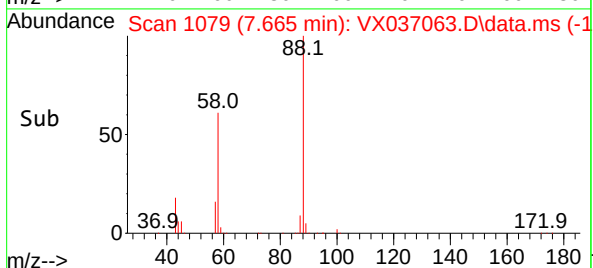
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

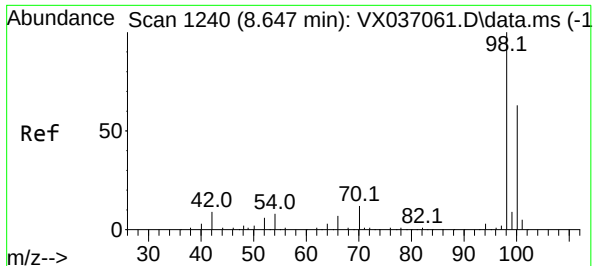


#49
1,4-Dioxane
Concen: 3151.606 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



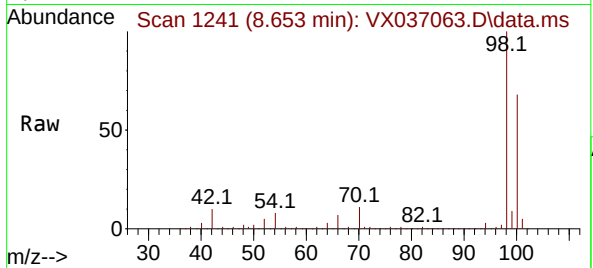
Tgt Ion: 88 Resp: 166296
Ion Ratio Lower Upper
88 100
43 27.5 0.0 0.0
58 63.4 60.1 90.1





#50
Toluene-d8
Concen: 155.987 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

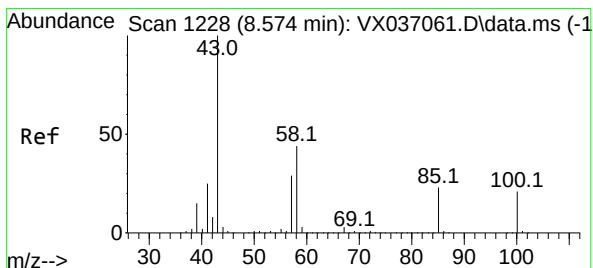
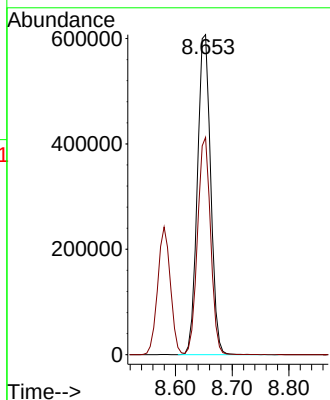
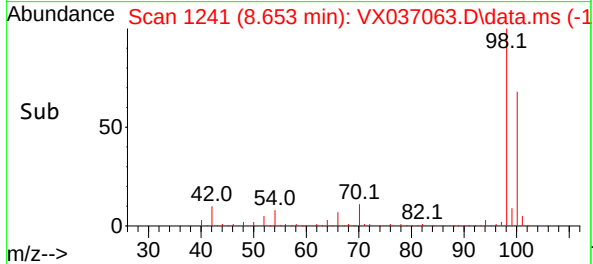
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



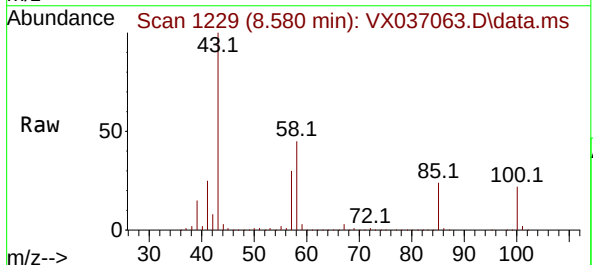
Tgt Ion: 98 Resp: 986584
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

Manual Integrations
APPROVED

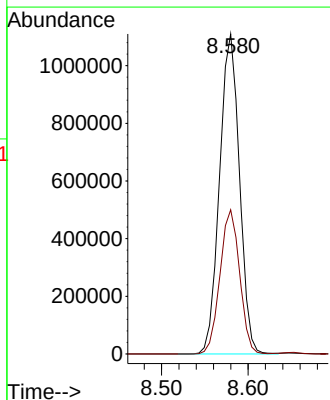
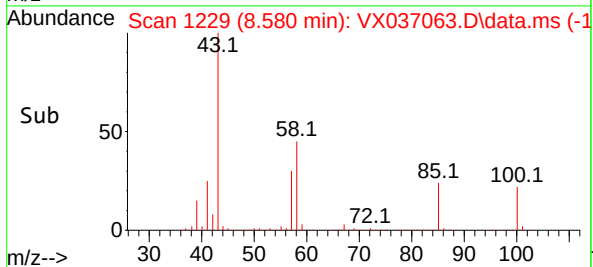
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

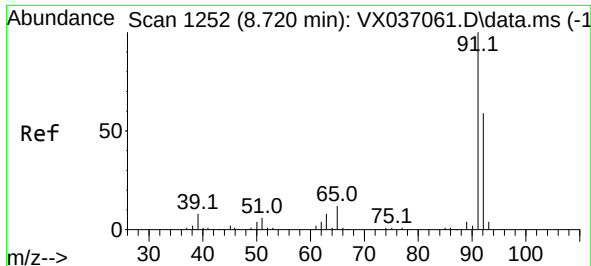


#51
4-Methyl-2-Pentanone
Concen: 725.769 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



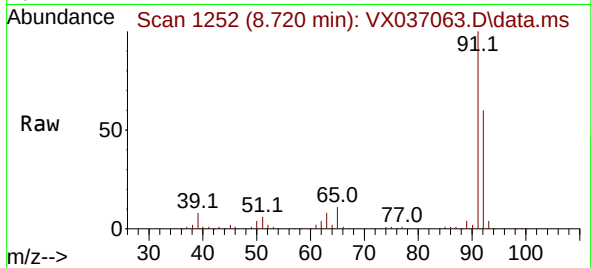
Tgt Ion: 43 Resp: 1770521
Ion Ratio Lower Upper
43 100
58 44.5 30.4 45.6





#52
Toluene
Concen: 149.742 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

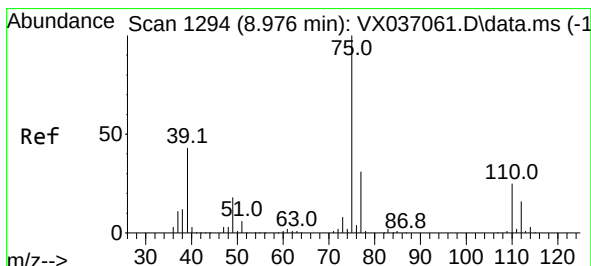
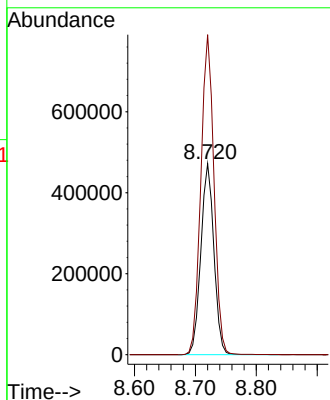
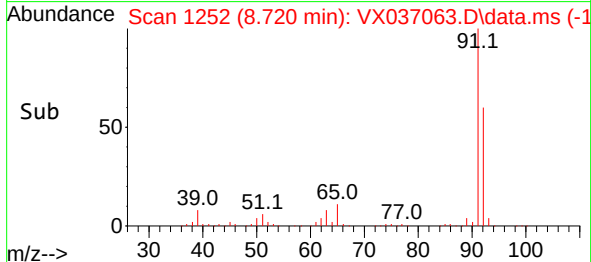
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



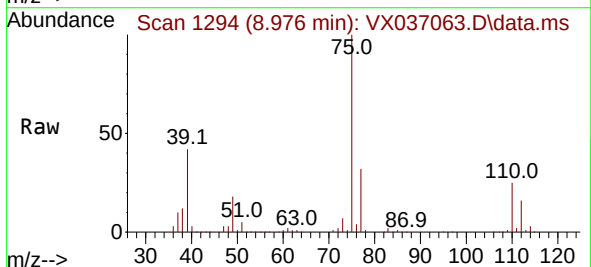
Tgt Ion: 92 Resp: 702917
Ion Ratio Lower Upper
92 100
91 168.7 134.2 201.2

Manual Integrations
APPROVED

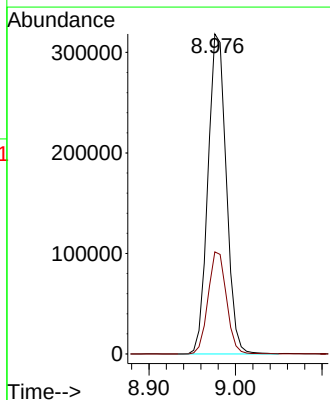
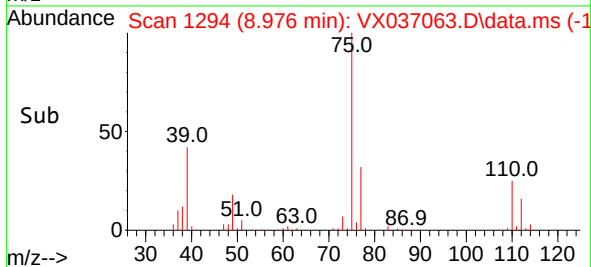
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

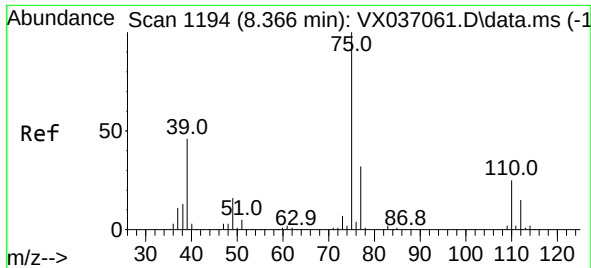


#53
t-1,3-Dichloropropene
Concen: 166.281 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



Tgt Ion: 75 Resp: 467992
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5





#54
cis-1,3-Dichloropropene
Concen: 158.043 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

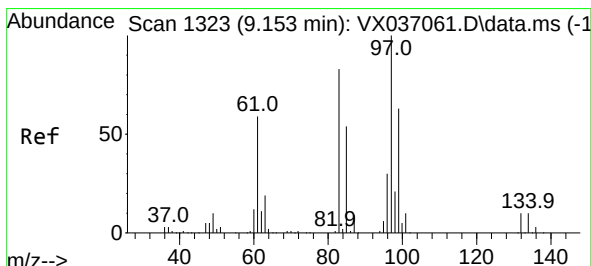
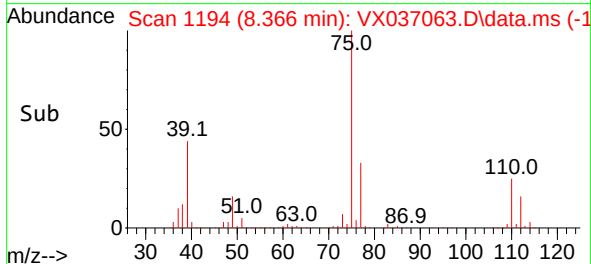
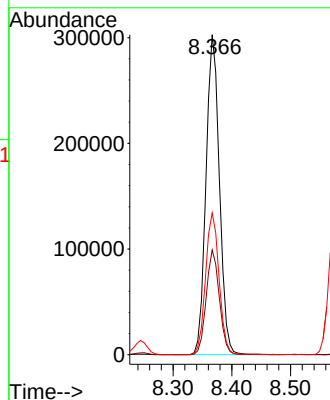
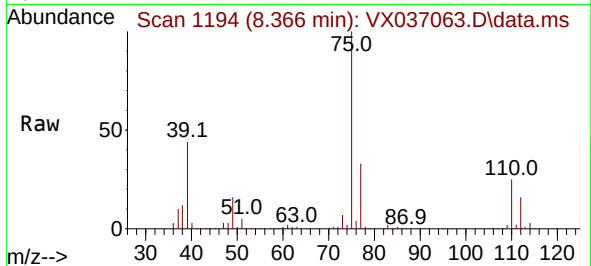
VSTDIC150

Tgt Ion: 75 Resp: 48067
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
39 44.3 46.7 70.1

Manual Integrations

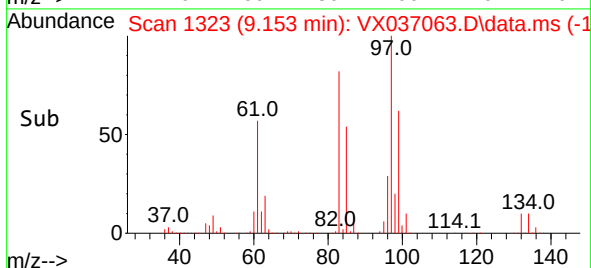
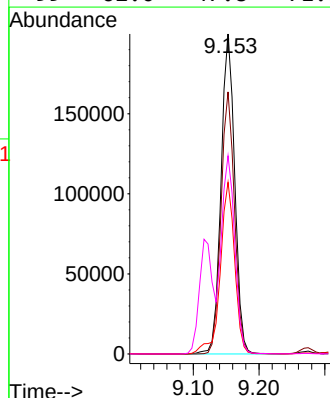
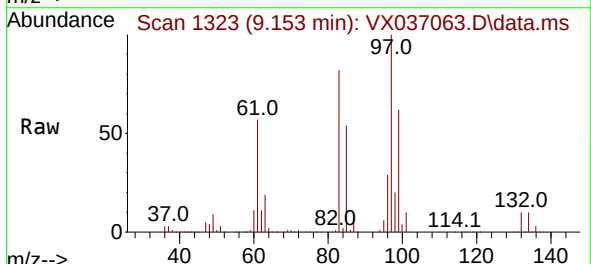
APPROVED

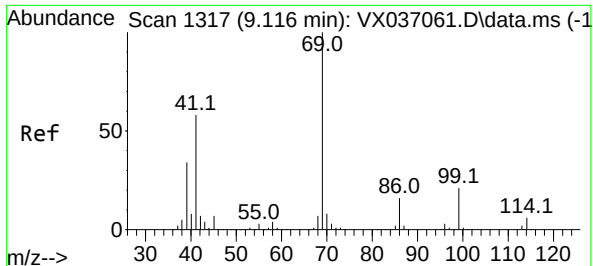
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#55
1,1,2-Trichloroethane
Concen: 151.441 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

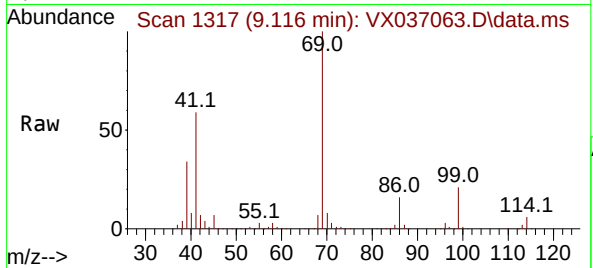
Tgt Ion: 97 Resp: 289473
Ion Ratio Lower Upper
97 100
83 81.9 65.8 98.8
85 53.7 41.6 62.4
99 62.0 47.8 71.8





#56
Ethyl methacrylate
Concen: 155.383 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

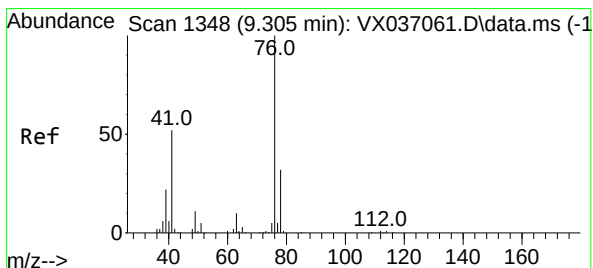
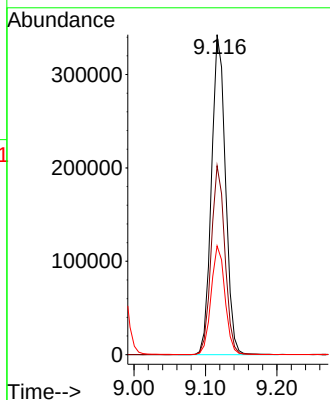
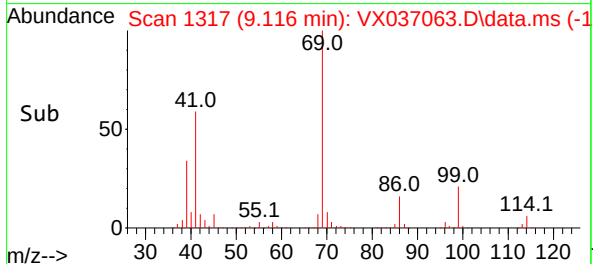
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 69 Resp: 465218
Ion Ratio Lower Upper
69 100
41 57.9 56.8 85.2
39 33.7 32.0 48.0

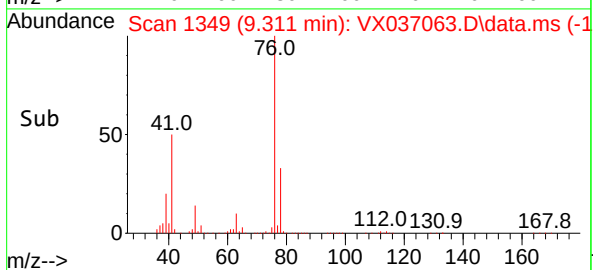
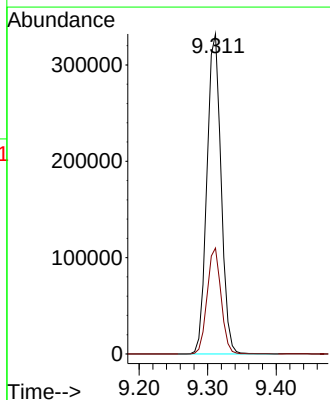
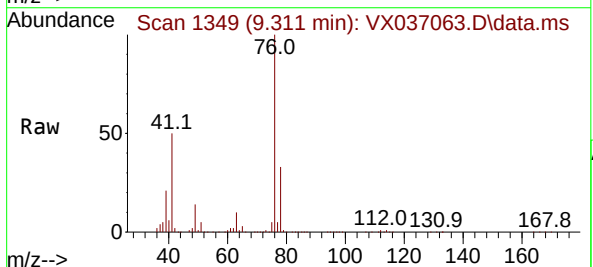
Manual Integrations
APPROVED

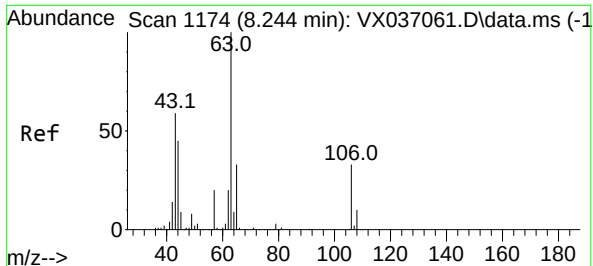
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#57
1,3-Dichloropropane
Concen: 148.106 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Tgt Ion: 76 Resp: 477236
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1





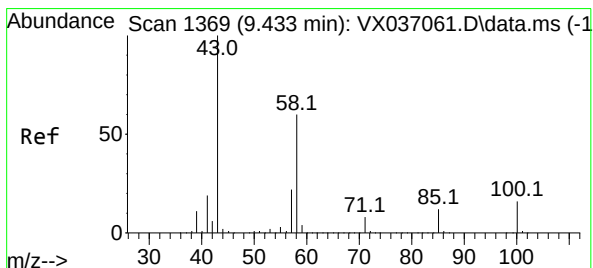
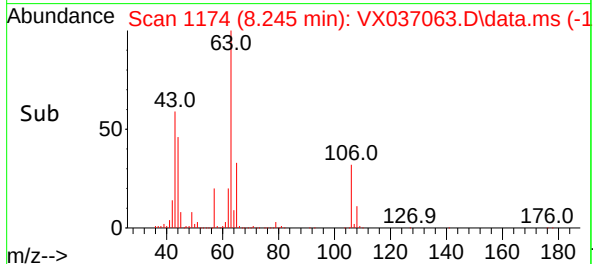
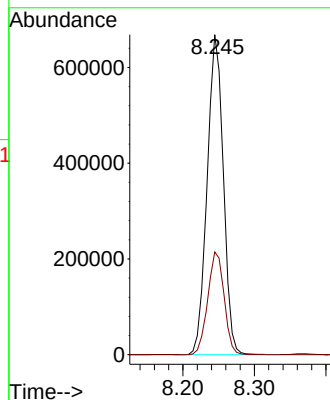
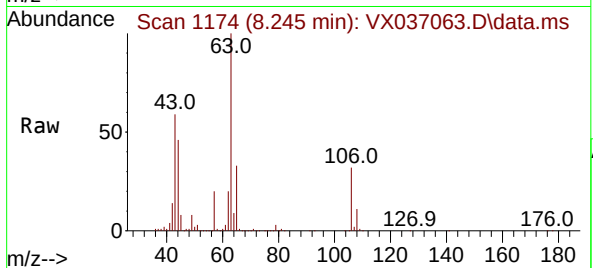
#58
2-Chloroethyl Vinyl ether
Concen: 730.777 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 104998
Ion Ratio Lower Upper
63 100
106 32.5 22.5 33.7

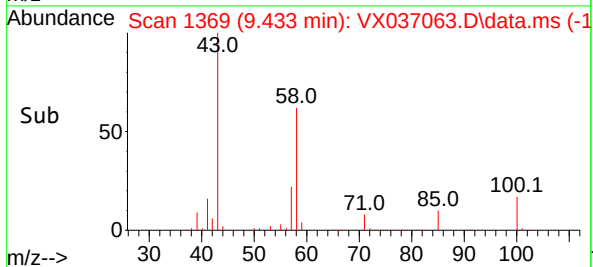
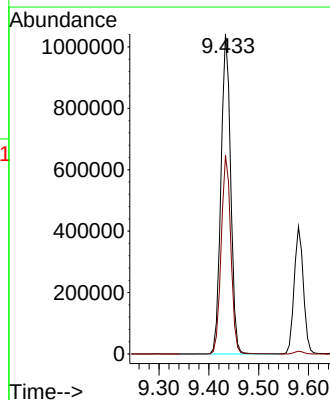
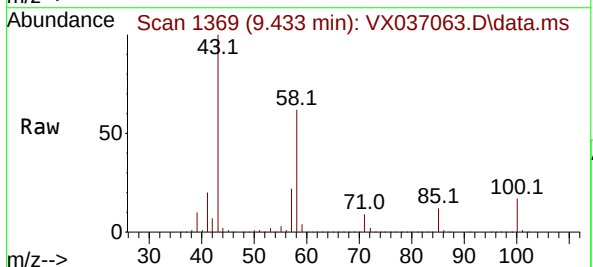
Manual Integrations
APPROVED

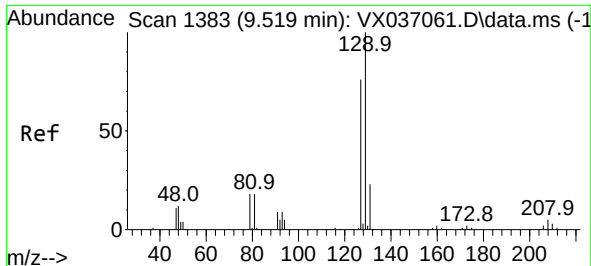
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#59
2-Hexanone
Concen: 753.377 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

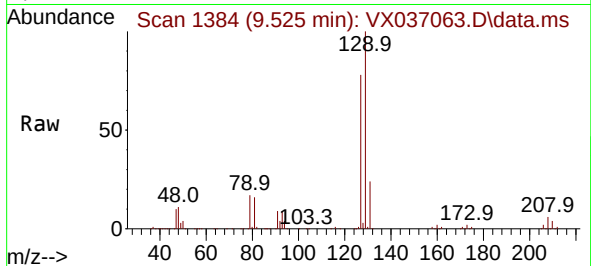
Tgt Ion: 43 Resp: 1401333
Ion Ratio Lower Upper
43 100
58 61.8 26.2 78.5





#60
Dibromochloromethane
Concen: 164.983 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

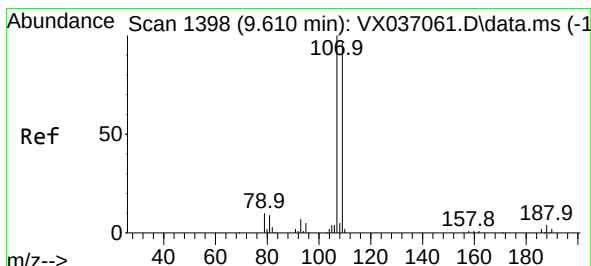
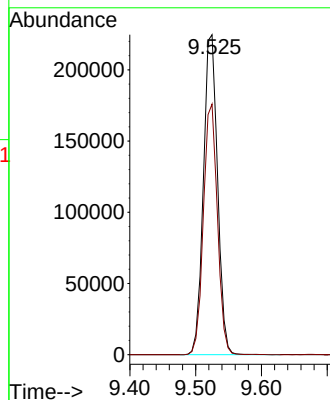
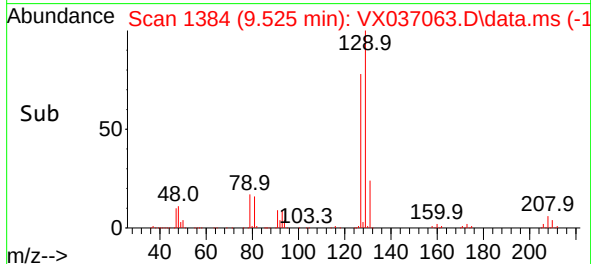
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:129 Resp: 335759
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

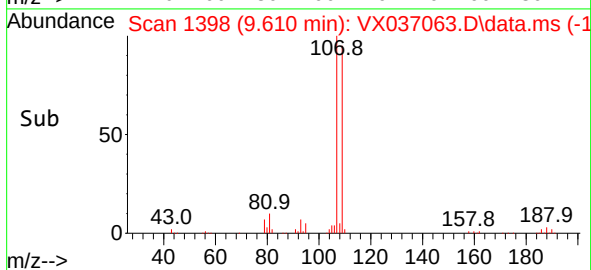
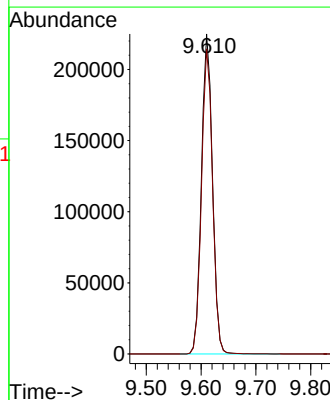
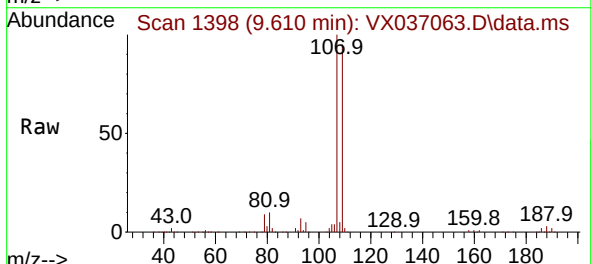
Manual Integrations
APPROVED

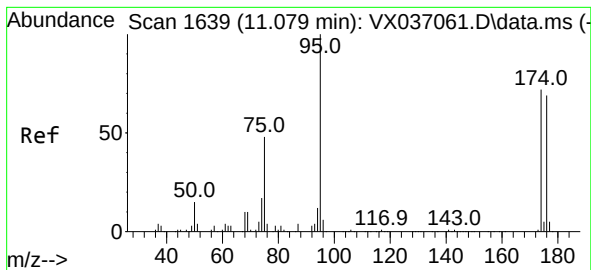
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#61
1,2-Dibromoethane
Concen: 150.701 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

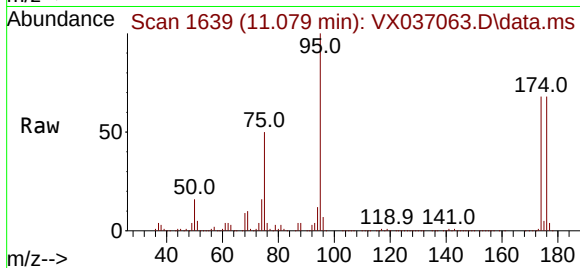
Tgt Ion:107 Resp: 315386
Ion Ratio Lower Upper
107 100
109 95.3 75.2 112.8





#62
4-Bromofluorobenzene
Concen: 164.274 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

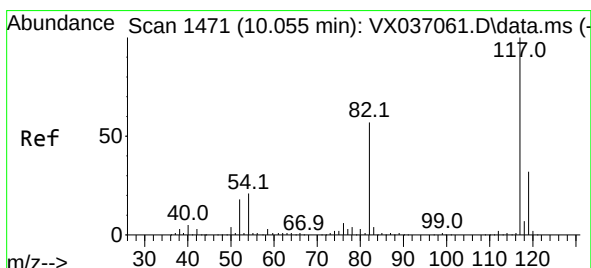
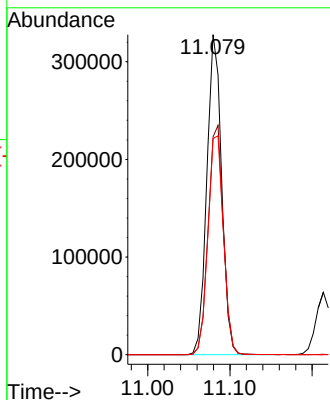
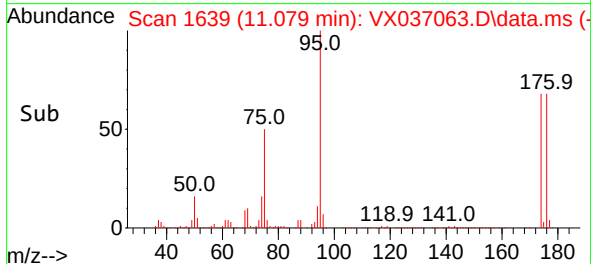
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



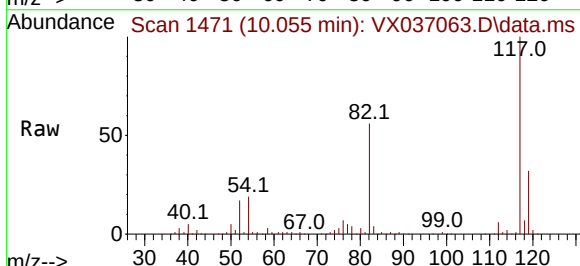
Tgt Ion: 95 Resp: 408312
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.9 0.0 131.0

Manual Integrations
APPROVED

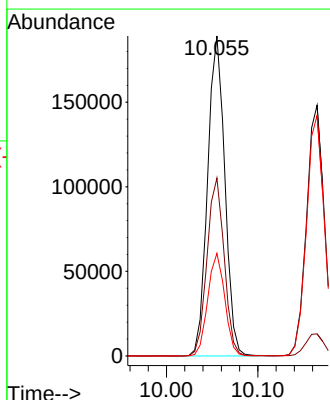
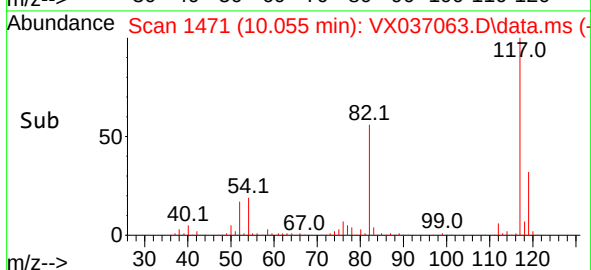
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

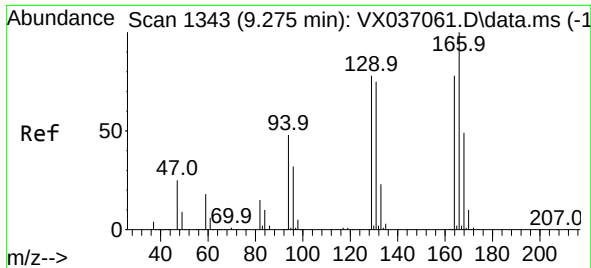


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



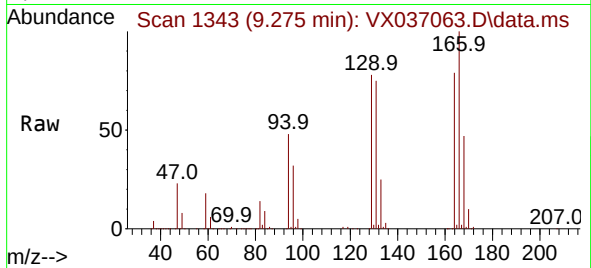
Tgt Ion:117 Resp: 247201
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.1 25.5 38.3





#64
Tetrachloroethene
Concen: 143.134 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

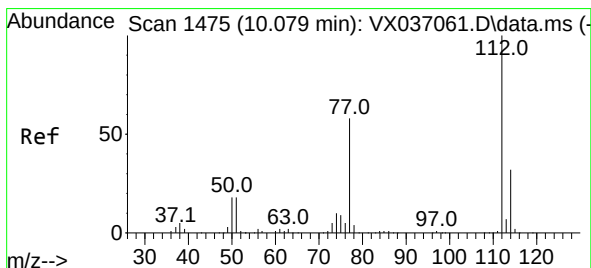
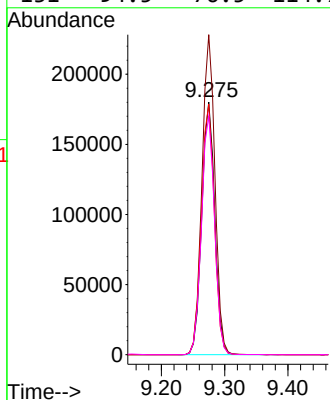
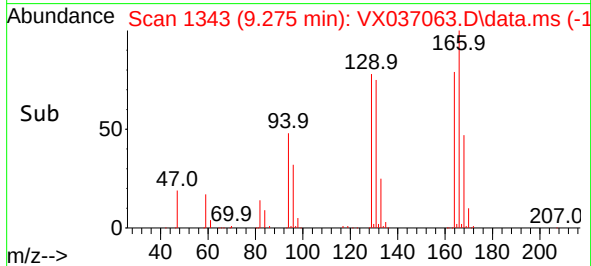
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:164 Resp: 25812
Ion Ratio Lower Upper
164 100
166 126.6 102.7 154.1
129 99.1 80.4 120.6
131 94.5 76.5 114.7

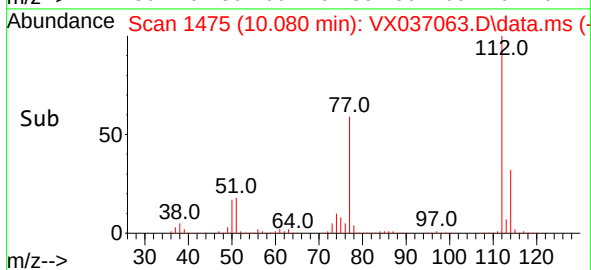
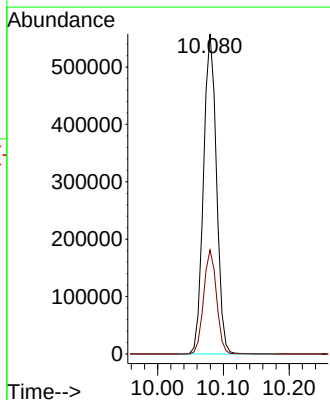
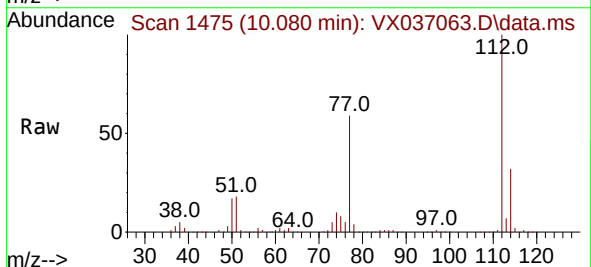
Manual Integrations
APPROVED

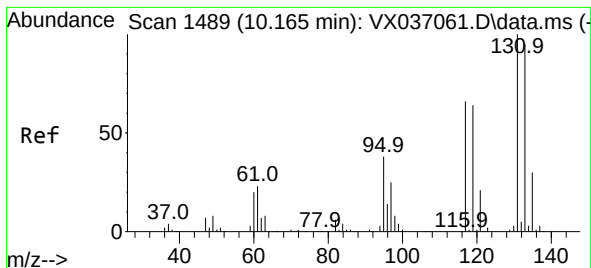
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#65
Chlorobenzene
Concen: 146.738 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

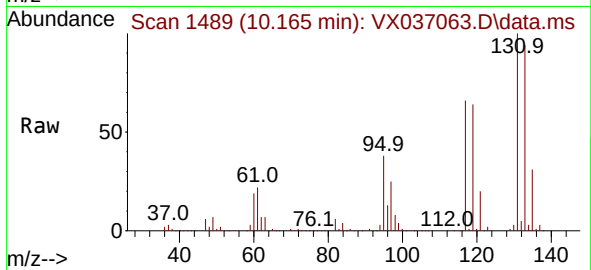
Tgt Ion:112 Resp: 766655
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 154.230 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

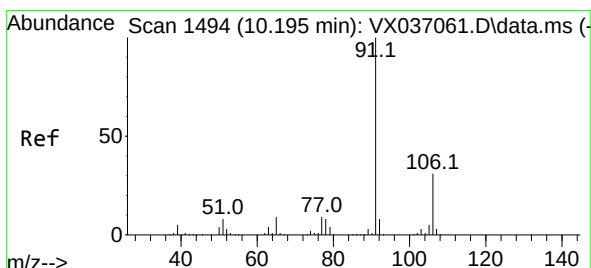
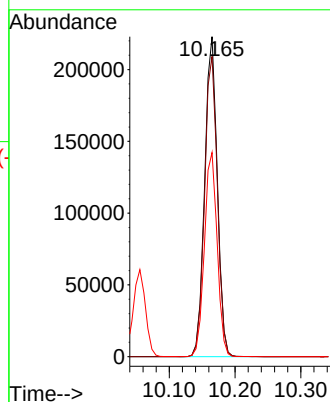
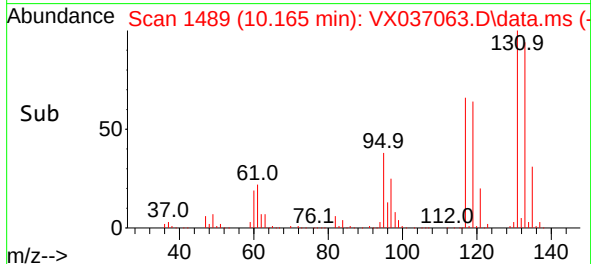
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 297400
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 64.7 32.2 96.6

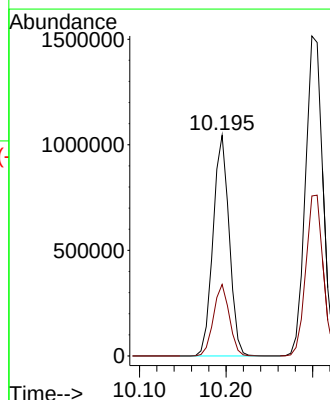
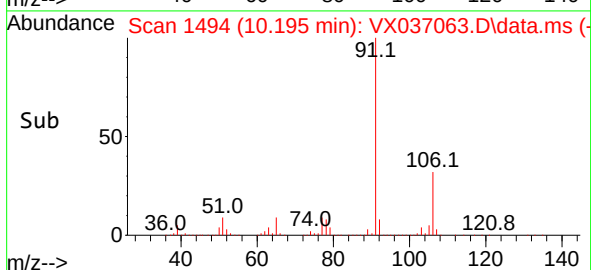
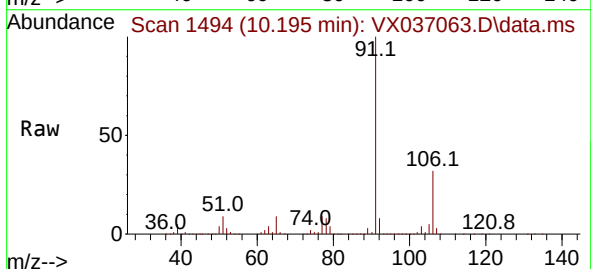
Manual Integrations
APPROVED

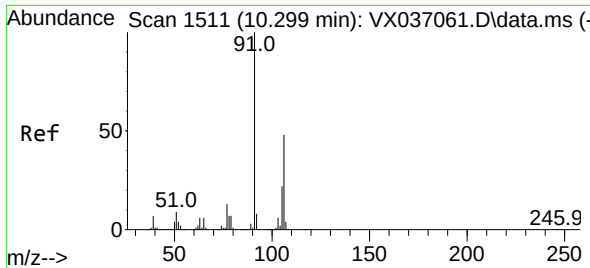
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#67
Ethyl Benzene
Concen: 147.155 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Tgt Ion: 91 Resp: 1352867
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3





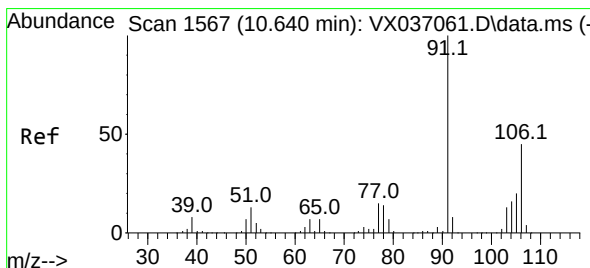
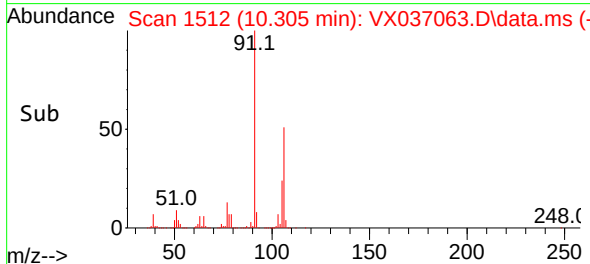
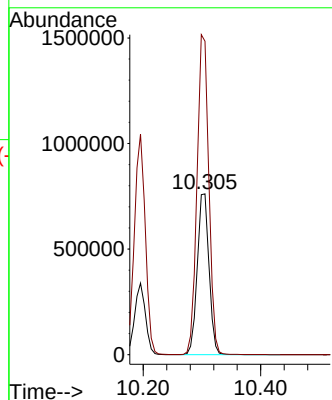
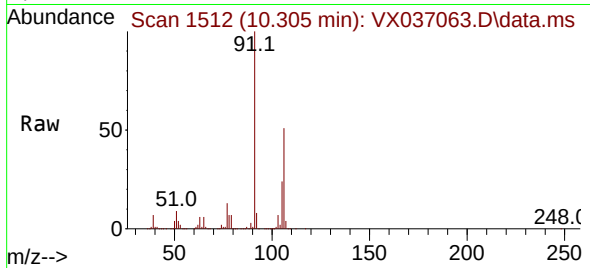
#68
m/p-Xylenes
Concen: 297.234 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 1055264
Ion Ratio Lower Upper
106 100
91 199.6 165.5 248.3

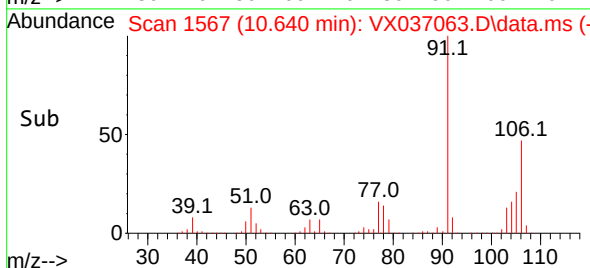
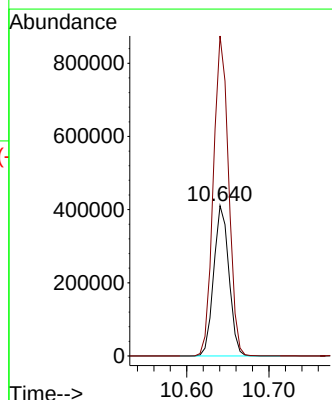
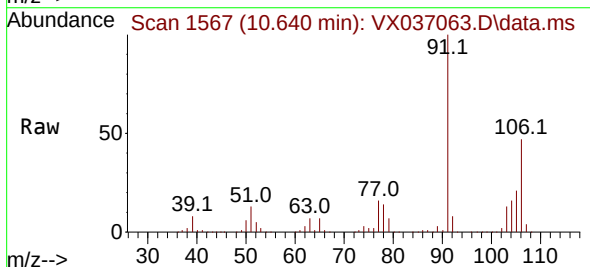
Manual Integrations
APPROVED

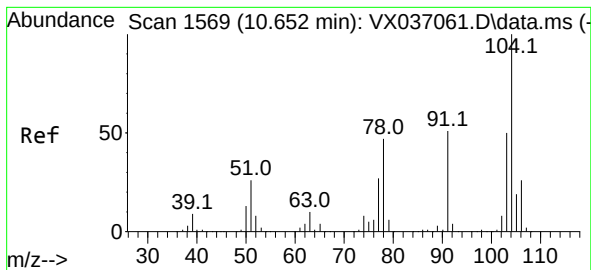
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#69
o-Xylene
Concen: 150.448 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Tgt Ion:106 Resp: 526983
Ion Ratio Lower Upper
106 100
91 213.6 108.9 326.8





#70

Styrene

Concen: 156.623 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX037063.D

Acq: 17 Aug 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:104 Resp: 903690

Ion Ratio Lower Upper

104 100

78 51.0 43.6 65.4

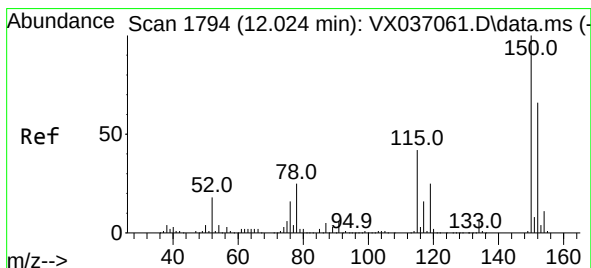
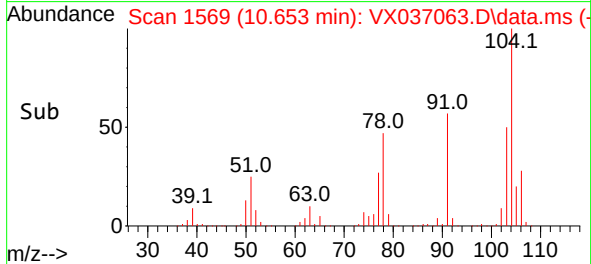
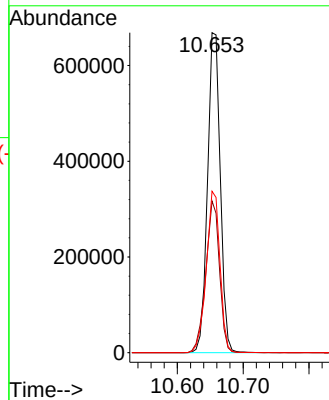
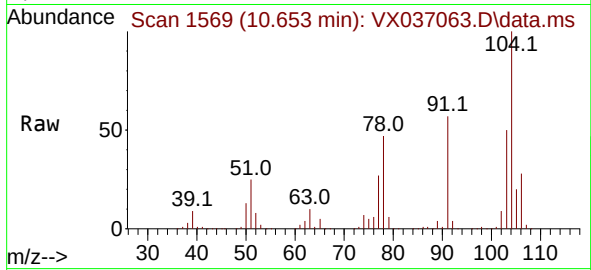
103 54.0 43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037063.D

Acq: 17 Aug 2023 15:58

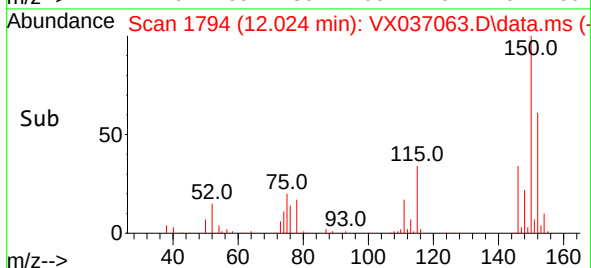
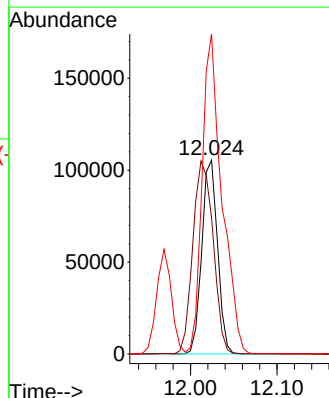
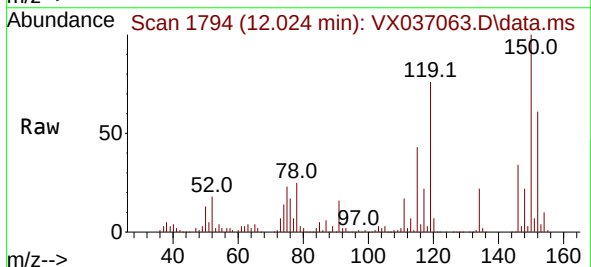
Tgt Ion:152 Resp: 133186

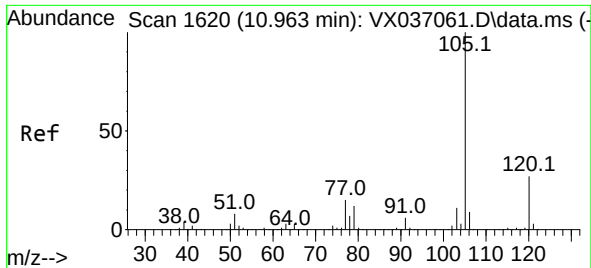
Ion Ratio Lower Upper

152 100

115 128.4 43.3 129.9

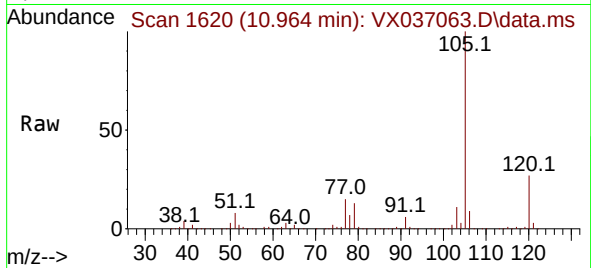
150 207.0 0.0 345.0





#73
Isopropylbenzene
Concen: 138.678 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

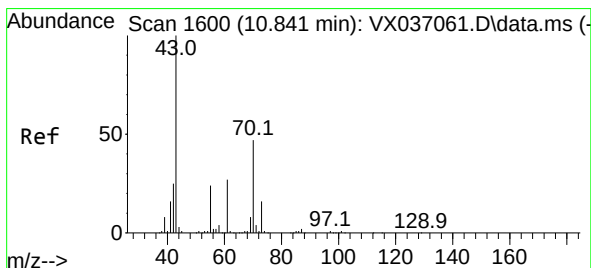
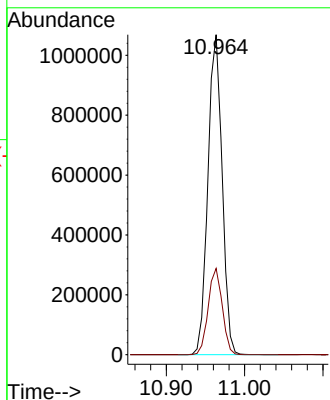
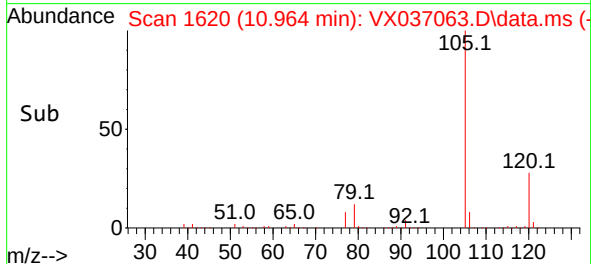
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



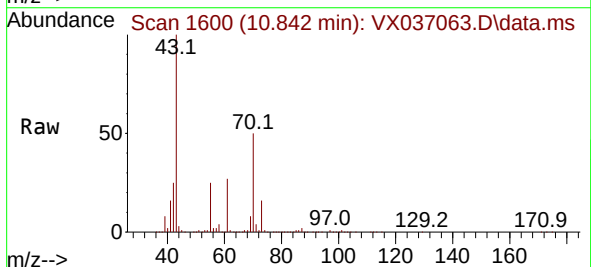
Tgt Ion:105 Resp: 1342494
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

Manual Integrations
APPROVED

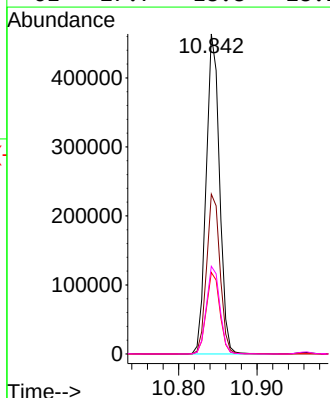
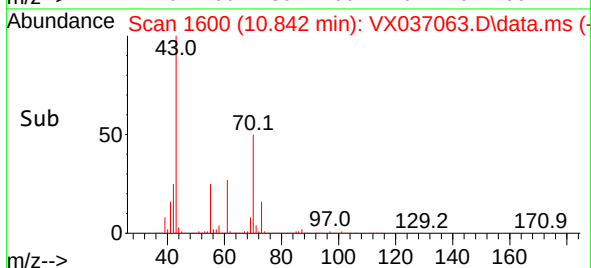
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

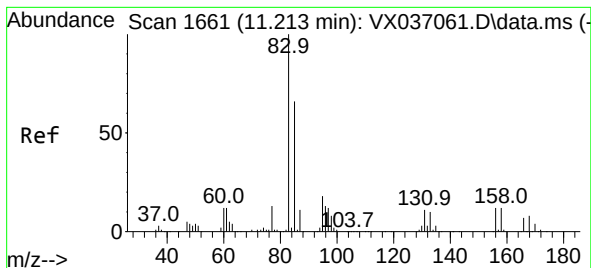


#74
N-ethyl acetate
Concen: 145.525 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



Tgt Ion: 43 Resp: 547397
Ion Ratio Lower Upper
43 100
70 50.3 32.9 49.3#
55 25.7 19.3 28.9
61 27.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 143.700 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX037063.D

Acq: 17 Aug 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 468490

Ion Ratio Lower Upper

83 100

131 10.9 5.3 15.8

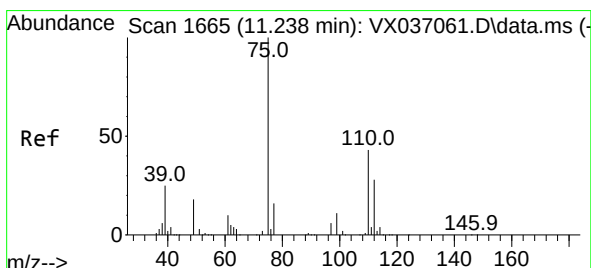
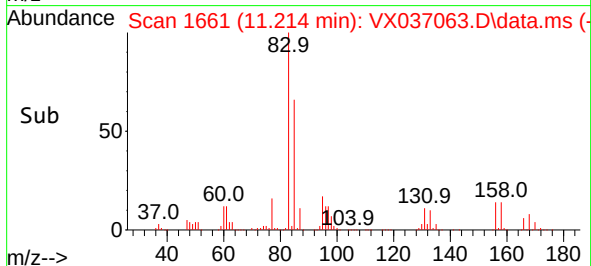
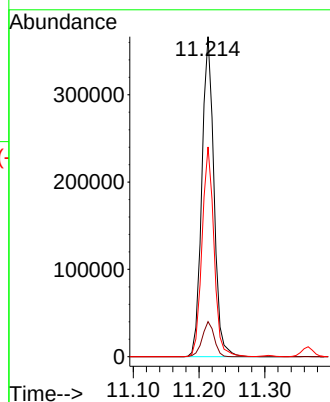
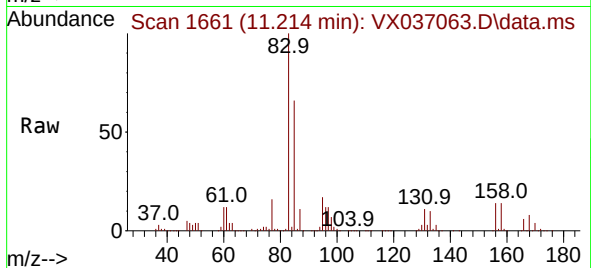
85 64.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#76

1,2,3-Trichloropropane

Concen: 135.259 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX037063.D

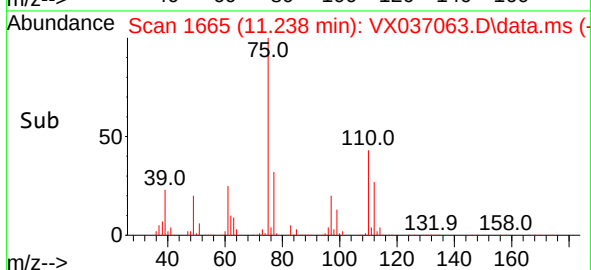
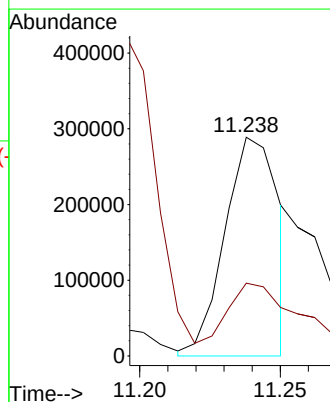
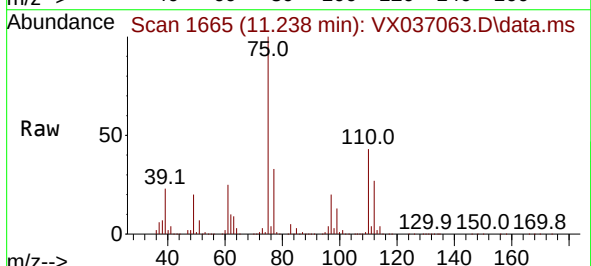
Acq: 17 Aug 2023 15:58

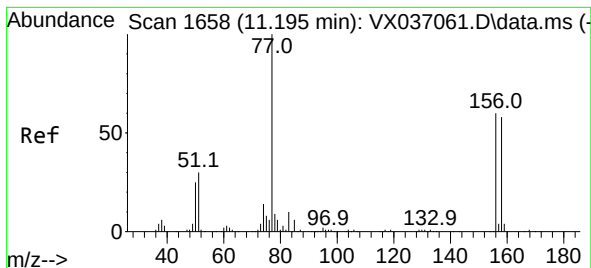
Tgt Ion: 75 Resp: 383652

Ion Ratio Lower Upper

75 100

77 46.7 19.1 57.5





#77

Bromobenzene

Concen: 144.530 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX037063.D

Acq: 17 Aug 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 341708

Ion Ratio Lower Upper

156 100

77 159.2 88.4 265.3

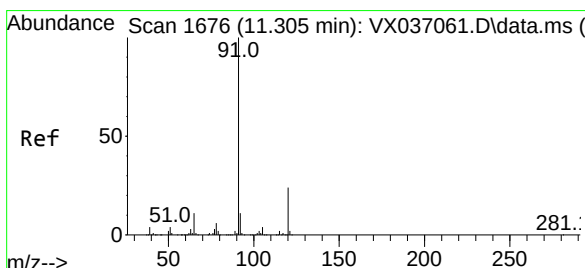
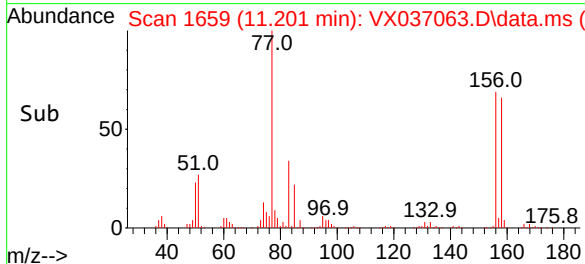
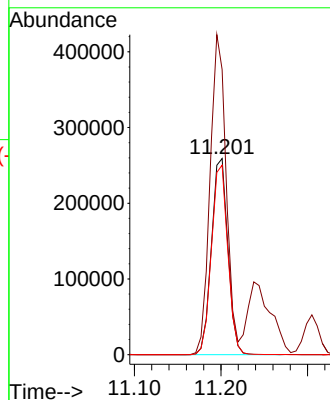
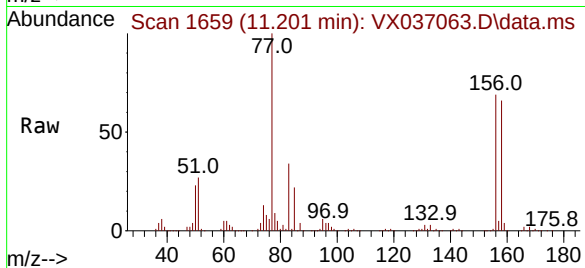
158 96.4 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#78

n-propylbenzene

Concen: 142.535 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037063.D

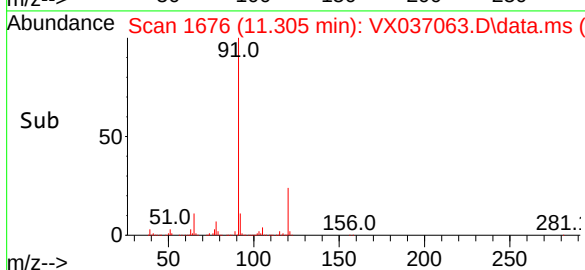
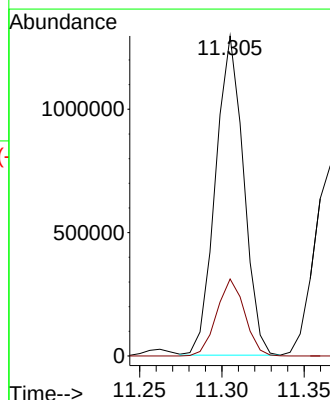
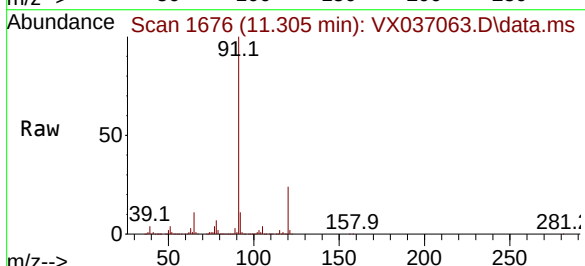
Acq: 17 Aug 2023 15:58

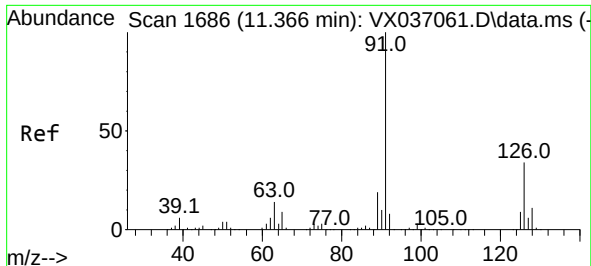
Tgt Ion: 91 Resp: 1536461

Ion Ratio Lower Upper

91 100

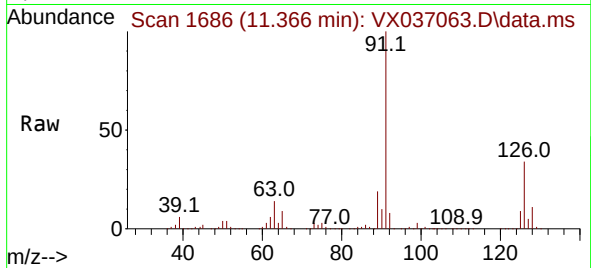
120 24.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 139.836 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

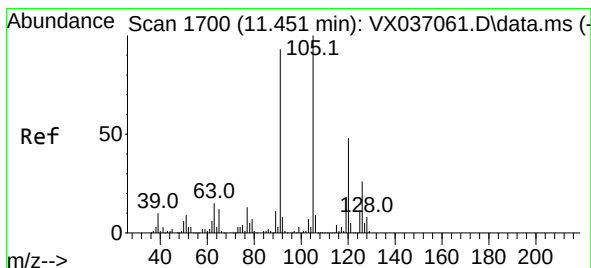
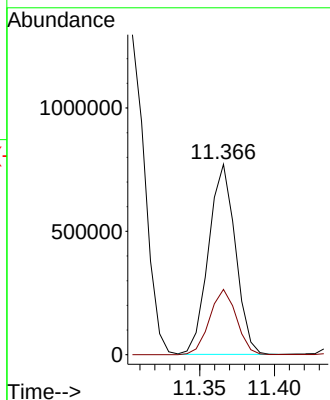
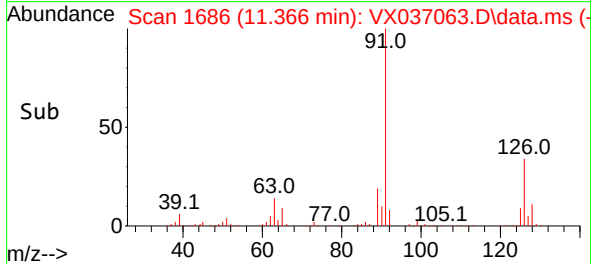
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 96327
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

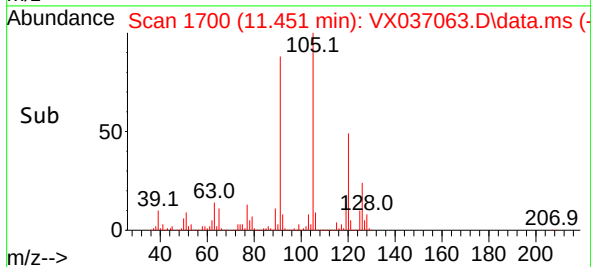
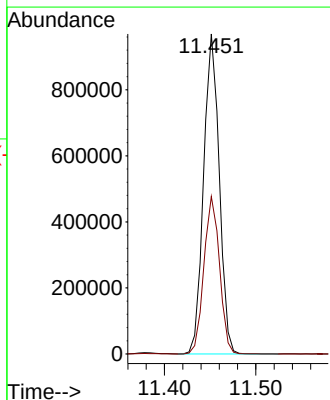
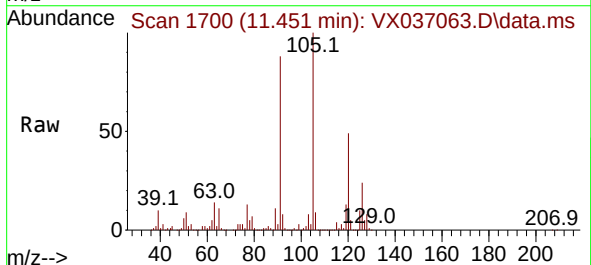
Manual Integrations
APPROVED

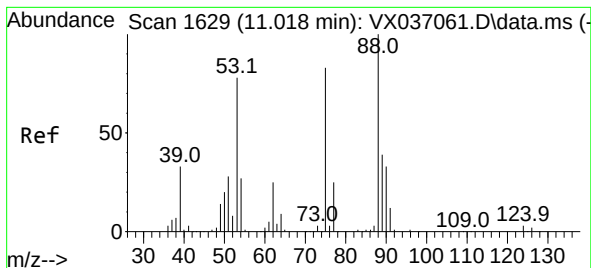
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 141.848 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Tgt Ion:105 Resp: 1145477
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3





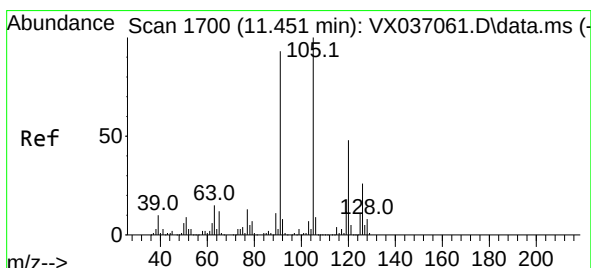
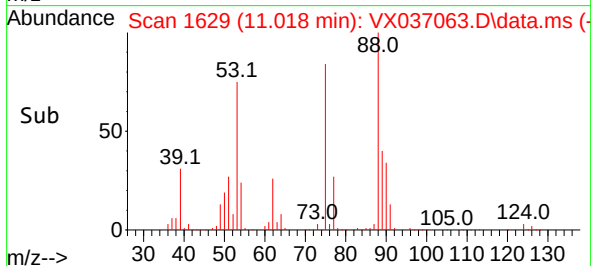
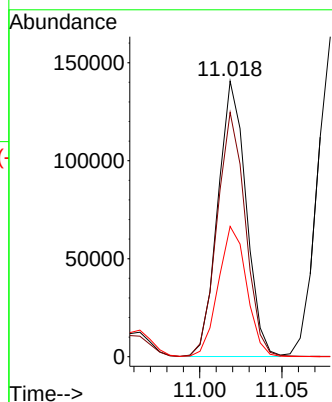
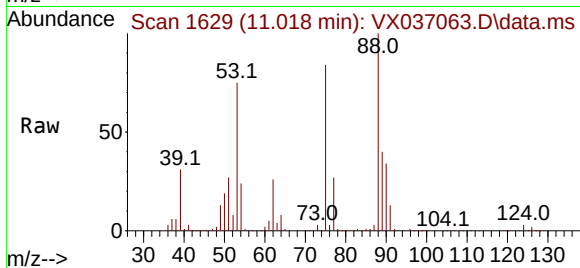
#81
trans-1,4-Dichloro-2-butene
Concen: 165.562 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 16813
Ion Ratio Lower Upper
75 100
53 88.2 90.5 135.7
89 47.6 36.9 55.3

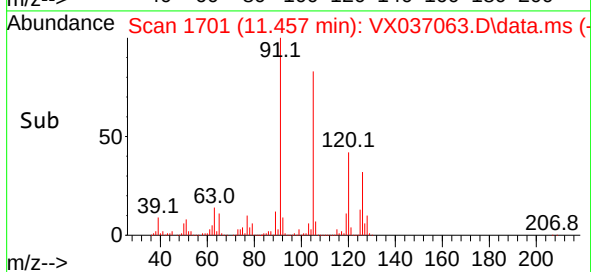
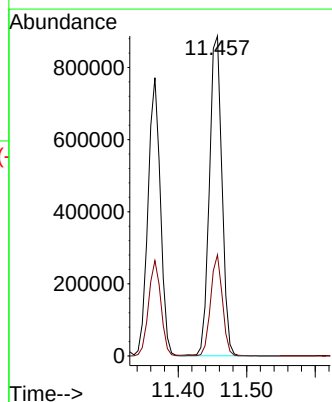
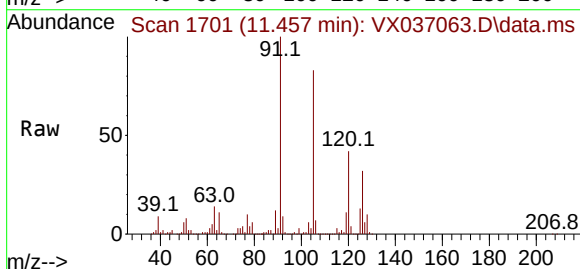
Manual Integrations
APPROVED

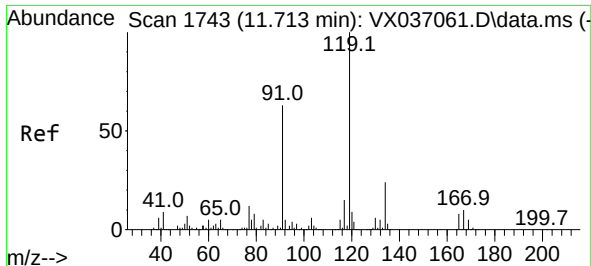
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#82
4-Chlorotoluene
Concen: 142.312 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

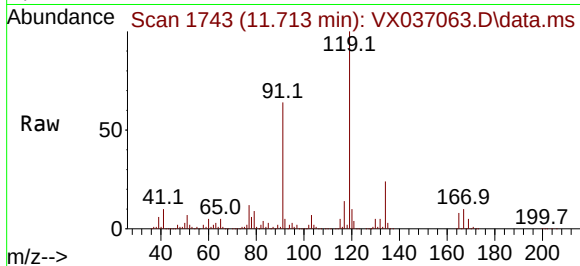
Tgt Ion: 91 Resp: 1131623
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 148.360 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

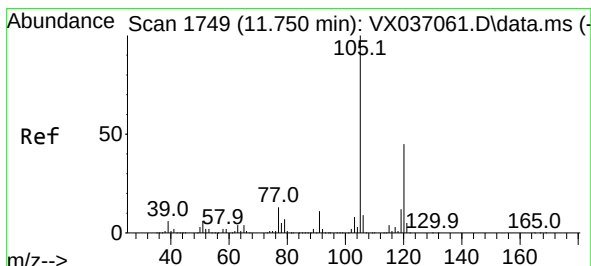
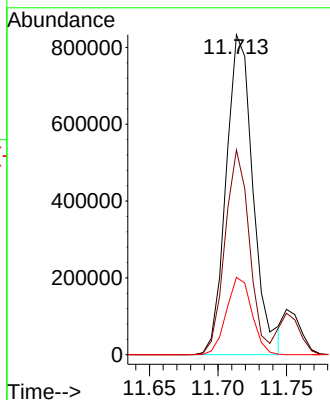
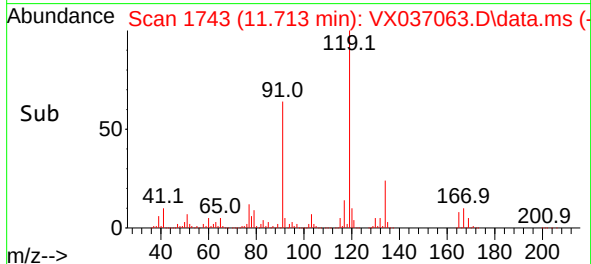
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



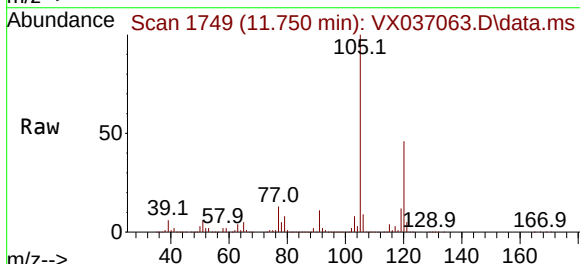
Tgt Ion:119 Resp: 1142580
Ion Ratio Lower Upper
119 100
91 58.0 31.2 93.6
134 22.8 11.7 35.0

Manual Integrations
APPROVED

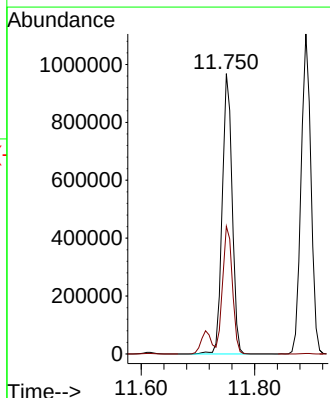
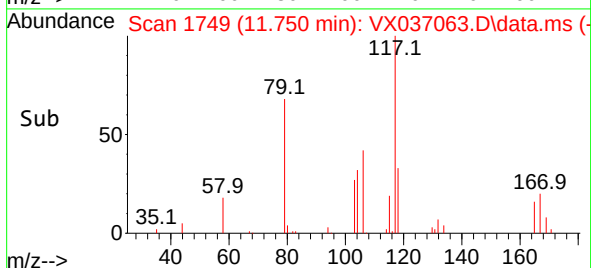
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

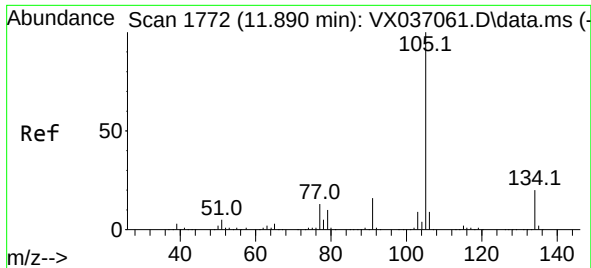


#84
1,2,4-Trimethylbenzene
Concen: 143.434 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



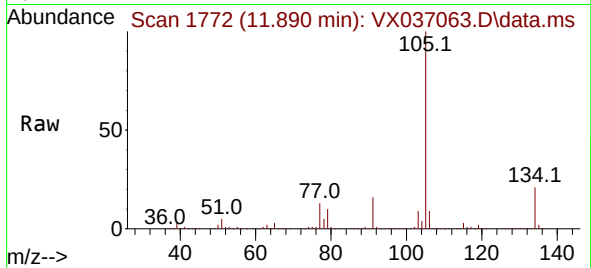
Tgt Ion:105 Resp: 1170616
Ion Ratio Lower Upper
105 100
120 44.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 148.134 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037063.D
 Acq: 17 Aug 2023 15:58

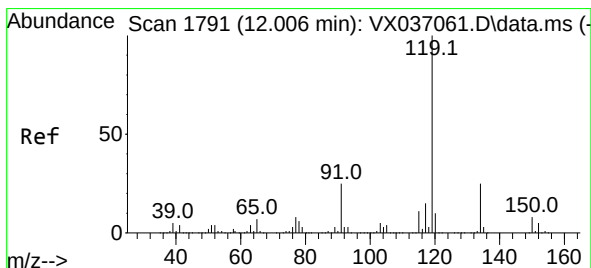
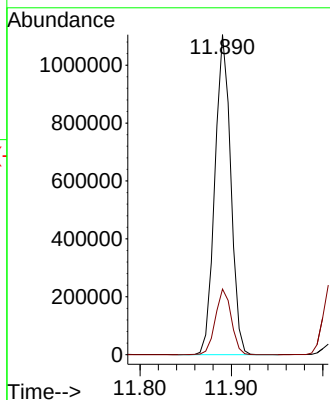
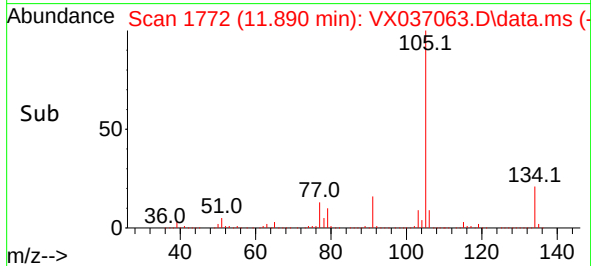
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



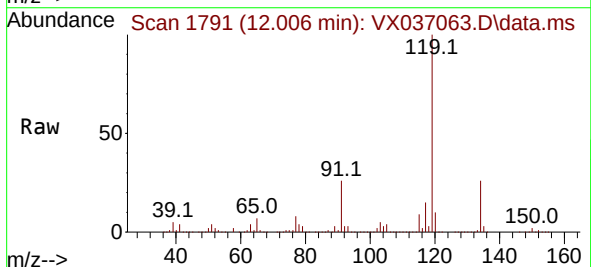
Tgt Ion:105 Resp: 1332550
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.4

Manual Integrations
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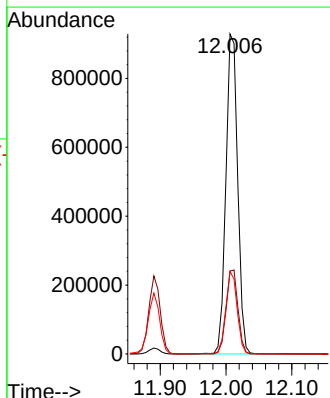
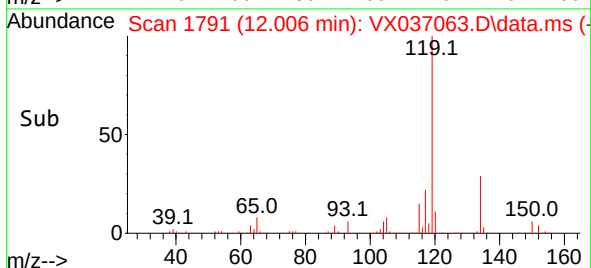
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023

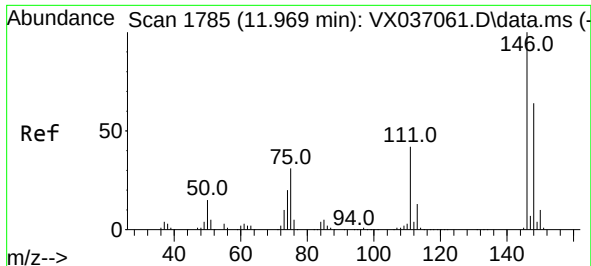


#86
 p-Isopropyltoluene
 Concen: 149.449 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037063.D
 Acq: 17 Aug 2023 15:58



Tgt Ion:119 Resp: 1157310
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 24.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 147.616 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037063.D

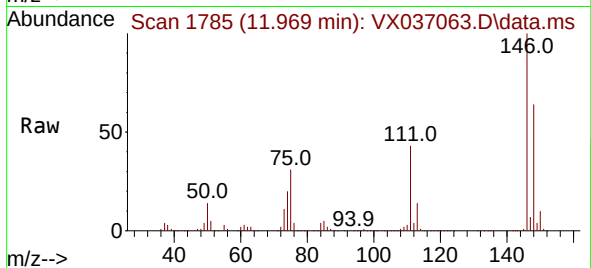
Acq: 17 Aug 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



Tgt Ion:146 Resp: 653409

Ion Ratio Lower Upper

146 100

111 42.8 22.1 66.1

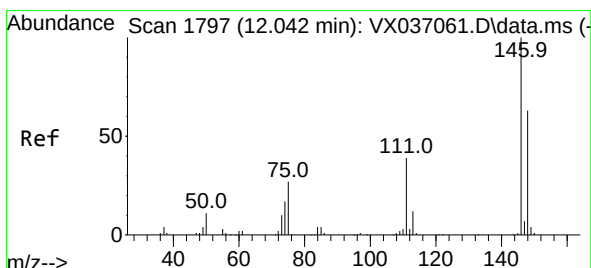
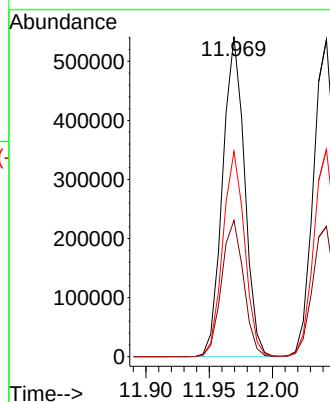
148 63.6 31.8 95.3

Manual Integrations

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Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#88

1,4-Dichlorobenzene

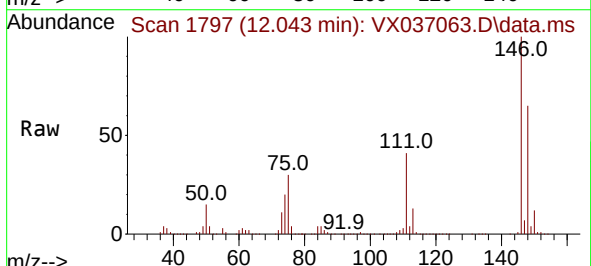
Concen: 147.359 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037063.D

Acq: 17 Aug 2023 15:58



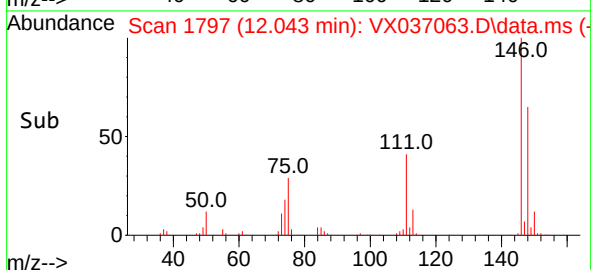
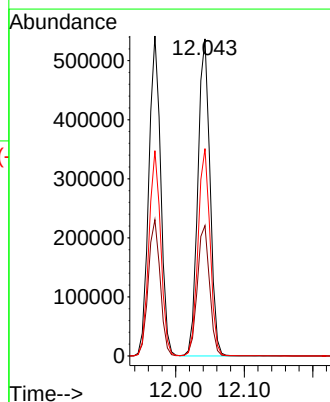
Tgt Ion:146 Resp: 662601

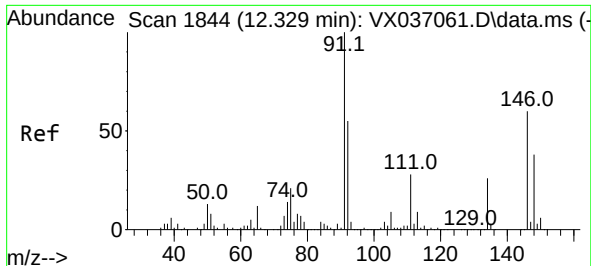
Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

148 64.6 31.8 95.4





#89

n-Butylbenzene

Concen: 154.592 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037063.D

Acq: 17 Aug 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 99252

Ion Ratio Lower Upper

91 100

92 55.5 27.4 82.0

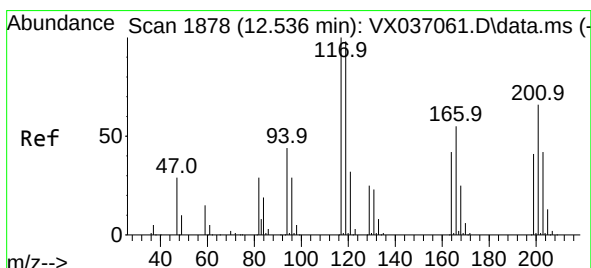
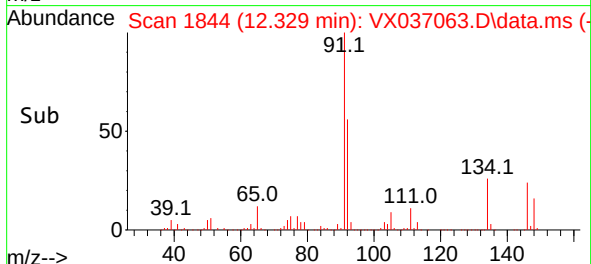
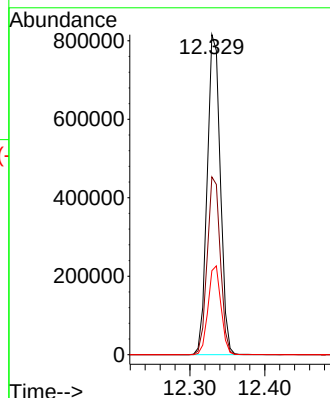
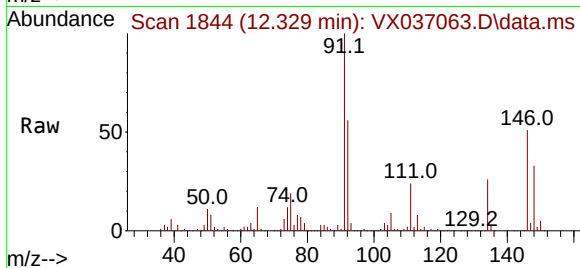
134 27.3 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#90

Hexachloroethane

Concen: 169.708 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037063.D

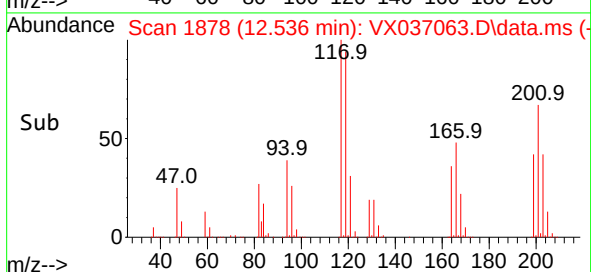
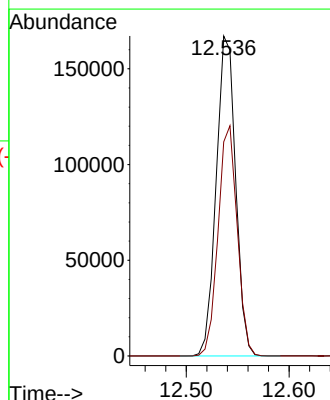
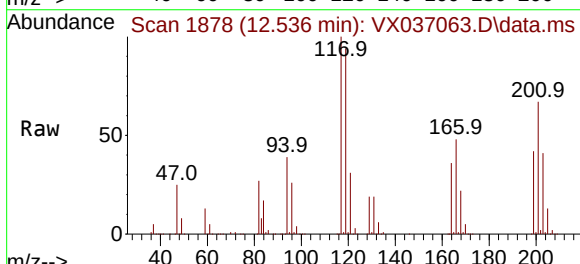
Acq: 17 Aug 2023 15:58

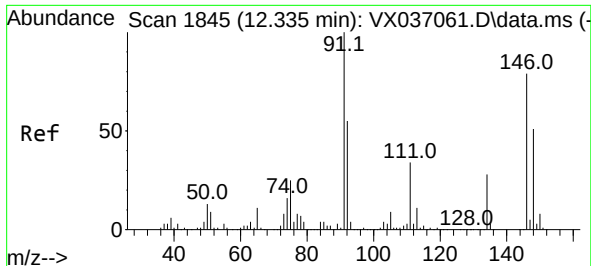
Tgt Ion:117 Resp: 219350

Ion Ratio Lower Upper

117 100

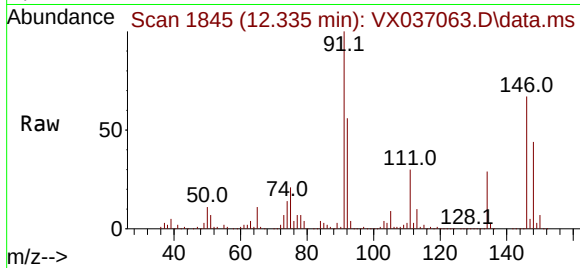
201 70.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 148.523 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58

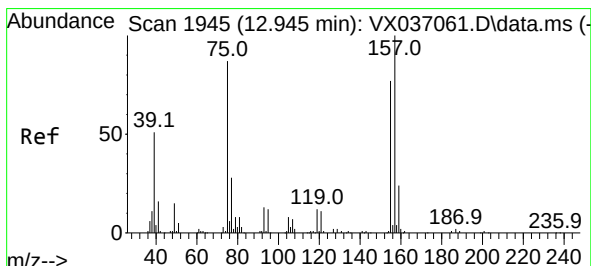
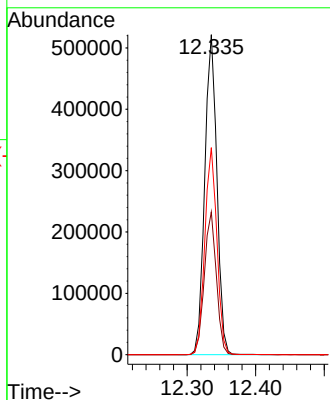
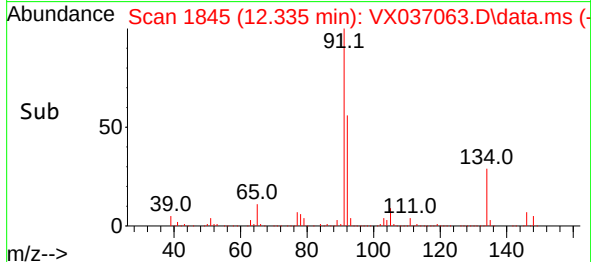
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



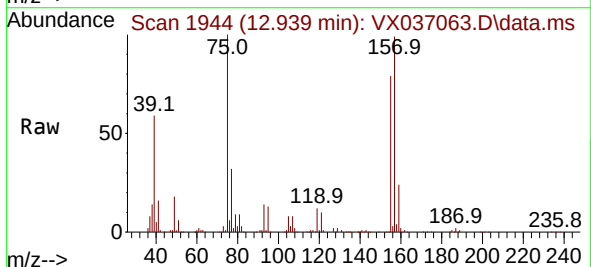
Tgt Ion:146 Resp: 643762
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
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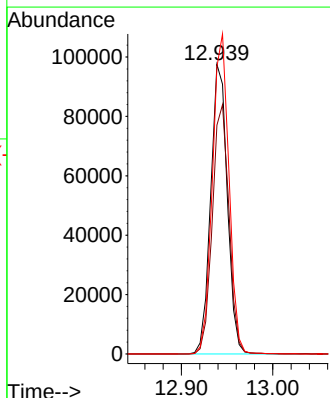
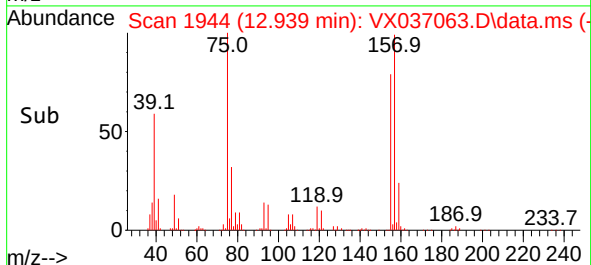
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

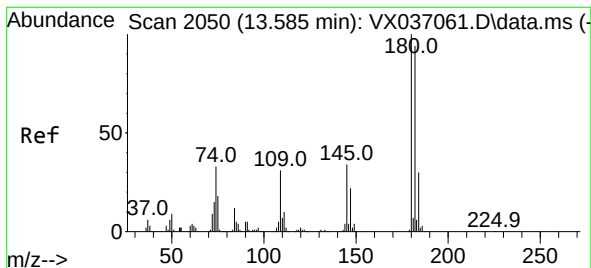


#92
1,2-Dibromo-3-Chloropropane
Concen: 162.511 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037063.D
Acq: 17 Aug 2023 15:58



Tgt Ion: 75 Resp: 123107
Ion Ratio Lower Upper
75 100
155 86.3 36.1 108.5
157 109.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 157.095 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037063.D

Acq: 17 Aug 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 398418

Ion Ratio Lower Upper

180 100

182 96.5 48.3 144.8

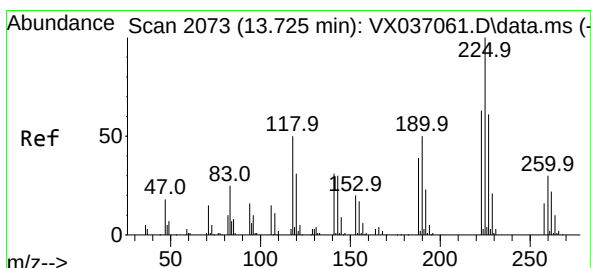
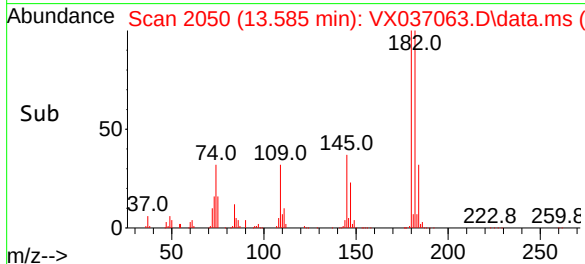
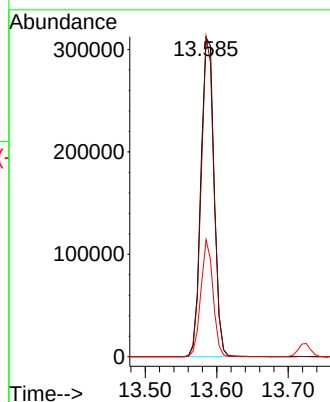
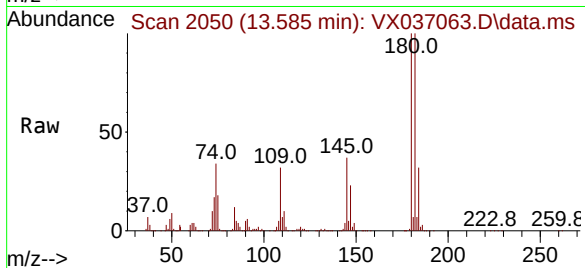
145 33.8 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#94

Hexachlorobutadiene

Concen: 157.105 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037063.D

Acq: 17 Aug 2023 15:58

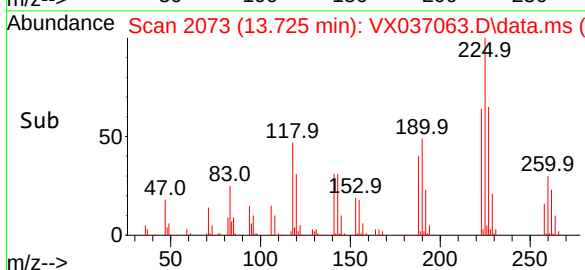
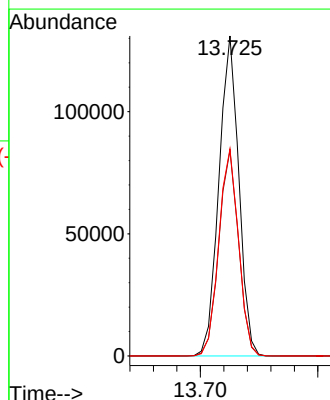
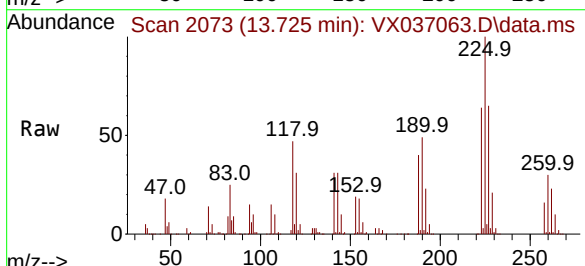
Tgt Ion:225 Resp: 153928

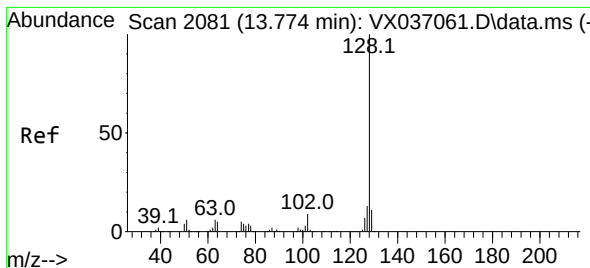
Ion Ratio Lower Upper

225 100

223 63.6 31.1 93.2

227 64.5 32.5 97.5





#95

Naphthalene

Concen: 134.263 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037063.D

Acq: 17 Aug 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 149158

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

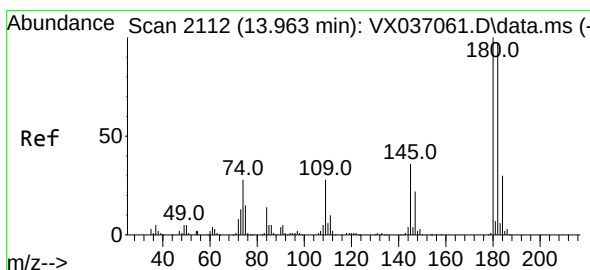
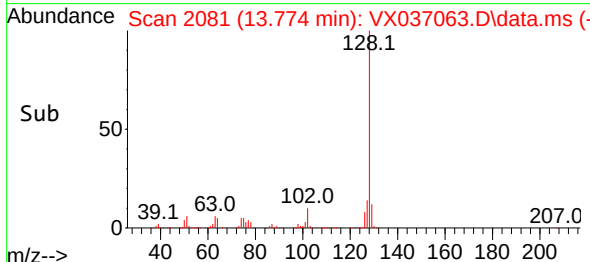
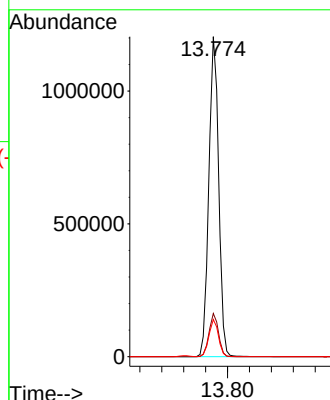
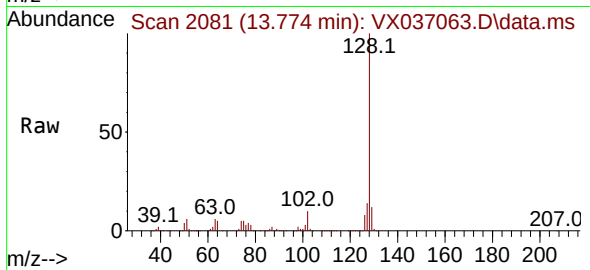
129 11.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 158.876 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX037063.D

Acq: 17 Aug 2023 15:58

Tgt Ion:180 Resp: 400321

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.6

145 35.4 17.8 53.5

