

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037914.D
 Acq On : 27 Sep 2023 11:04
 Operator : JC/MD
 Sample : VX0927WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Quant Time: Sep 28 01:16:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	233667	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	384319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159104	51.825	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.640%			
35) Dibromofluoromethane	5.385	113	137924	53.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.280%			
50) Toluene-d8	8.647	98	506276	52.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.980%			
62) 4-Bromofluorobenzene	11.079	95	191870	55.262	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	40352	16.384	ug/l	96
3) Chloromethane	1.300	50	43107	16.086	ug/l	94
4) Vinyl Chloride	1.374	62	49097	16.983	ug/l	97
5) Bromomethane	1.611	94	38429	18.568	ug/l	97
6) Chloroethane	1.691	64	34735	17.440	ug/l	99
7) Trichlorofluoromethane	1.892	101	85039	18.297	ug/l	99
8) Diethyl Ether	2.136	74	32226	17.897	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	43518	18.449	ug/l	96
10) Methyl Iodide	2.453	142	54027	17.308	ug/l	92
11) Tert butyl alcohol	2.953	59	51934	78.810	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	40930	17.955	ug/l	87
13) Acrolein	2.233	56	52277	80.302	ug/l	99
14) Allyl chloride	2.666	41	65147	17.159	ug/l	# 96
15) Acrylonitrile	3.062	53	127822	87.242	ug/l	99
16) Acetone	2.373	43	118996	80.573	ug/l	91
17) Carbon Disulfide	2.514	76	87646	15.335	ug/l	98
18) Methyl Acetate	2.703	43	94482	17.734	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	153423	18.295	ug/l	99
20) Methylene Chloride	2.788	84	51419	18.816	ug/l	# 88
21) trans-1,2-Dichloroethene	3.093	96	46581	18.402	ug/l	88
22) Diisopropyl ether	3.757	45	146581	18.534	ug/l	94
23) Vinyl Acetate	3.721	43	525033	90.256	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	87756	18.517	ug/l	98
25) 2-Butanone	4.556	43	172081	82.568	ug/l	93
26) 2,2-Dichloropropane	4.477	77	71265	18.610	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	57761	18.613	ug/l	89
28) Bromochloromethane	4.897	49	41770	18.893	ug/l	# 81
29) Tetrahydrofuran	5.001	42	106415	82.088	ug/l	89
30) Chloroform	5.099	83	96307	18.864	ug/l	100
31) Cyclohexane	5.476	56	68148	17.295	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	81919	18.951	ug/l	98
36) 1,1-Dichloropropene	5.696	75	65152	18.392	ug/l	97
37) Ethyl Acetate	4.721	43	66772	17.146	ug/l	96
38) Carbon Tetrachloride	5.684	117	68679	18.530	ug/l	97
39) Methylcyclohexane	7.379	83	79116	17.597	ug/l	91
40) Benzene	6.043	78	199015	18.270	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35494	17.875	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	72593	18.438	ug/l	97
43) Isopropyl Acetate	6.342	43	108907	17.489	ug/l #	96
44) Trichloroethene	7.129	130	54613	18.003	ug/l	93
45) 1,2-Dichloropropane	7.433	63	52825	18.673	ug/l	100
46) Dibromomethane	7.586	93	39084	19.206	ug/l	93
47) Bromodichloromethane	7.824	83	72715	19.402	ug/l	96
48) Methyl methacrylate	7.696	41	52331	17.580	ug/l #	86
49) 1,4-Dioxane	7.659	88	23626	302.739	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	346256	87.642	ug/l	95
52) Toluene	8.720	92	132173	18.827	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	75029	19.146	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	81328	18.752	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	56362	19.042	ug/l	96
56) Ethyl methacrylate	9.116	69	80397	18.194	ug/l	91
57) 1,3-Dichloropropane	9.311	76	91401	19.083	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	175162	84.892	ug/l	98
59) 2-Hexanone	9.427	43	263633	85.703	ug/l	93
60) Dibromochloromethane	9.518	129	57043	19.346	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59052	18.843	ug/l	100
64) Tetrachloroethene	9.275	164	46549	18.616	ug/l	97
65) Chlorobenzene	10.079	112	147137	18.604	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	54295	19.372	ug/l	99
67) Ethyl Benzene	10.195	91	256086	18.676	ug/l	99
68) m/p-Xylenes	10.299	106	199161	37.588	ug/l	98
69) o-Xylene	10.640	106	98537	18.546	ug/l	96
70) Styrene	10.652	104	164791	19.319	ug/l	95
71) Bromoform	10.799	173	40730	18.396	ug/l #	100
73) Isopropylbenzene	10.963	105	261503	17.516	ug/l	99
74) N-amyl acetate	10.841	43	97448	16.118	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	91014	17.335	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79218m	16.832	ug/l	
77) Bromobenzene	11.195	156	66054	17.876	ug/l	88
78) n-propylbenzene	11.305	91	310400	18.410	ug/l	99
79) 2-Chlorotoluene	11.366	91	180843	17.396	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	224173	17.781	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22812	15.526	ug/l	95
82) 4-Chlorotoluene	11.457	91	212795	18.182	ug/l	95
83) tert-Butylbenzene	11.713	119	221616	17.392	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	221884	17.689	ug/l	97
85) sec-Butylbenzene	11.890	105	287240	18.581	ug/l	99
86) p-Isopropyltoluene	12.006	119	239059	18.561	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	129074	18.739	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	130056	18.452	ug/l	98
89) n-Butylbenzene	12.329	91	224991	19.941	ug/l	96
90) Hexachloroethane	12.536	117	38372	17.584	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	127497	18.130	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17695	16.907	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	86098	20.784	ug/l	97
94) Hexachlorobutadiene	13.725	225	38191	19.742	ug/l	99
95) Naphthalene	13.774	128	262388	18.729	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	83593	19.609	ug/l	96

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

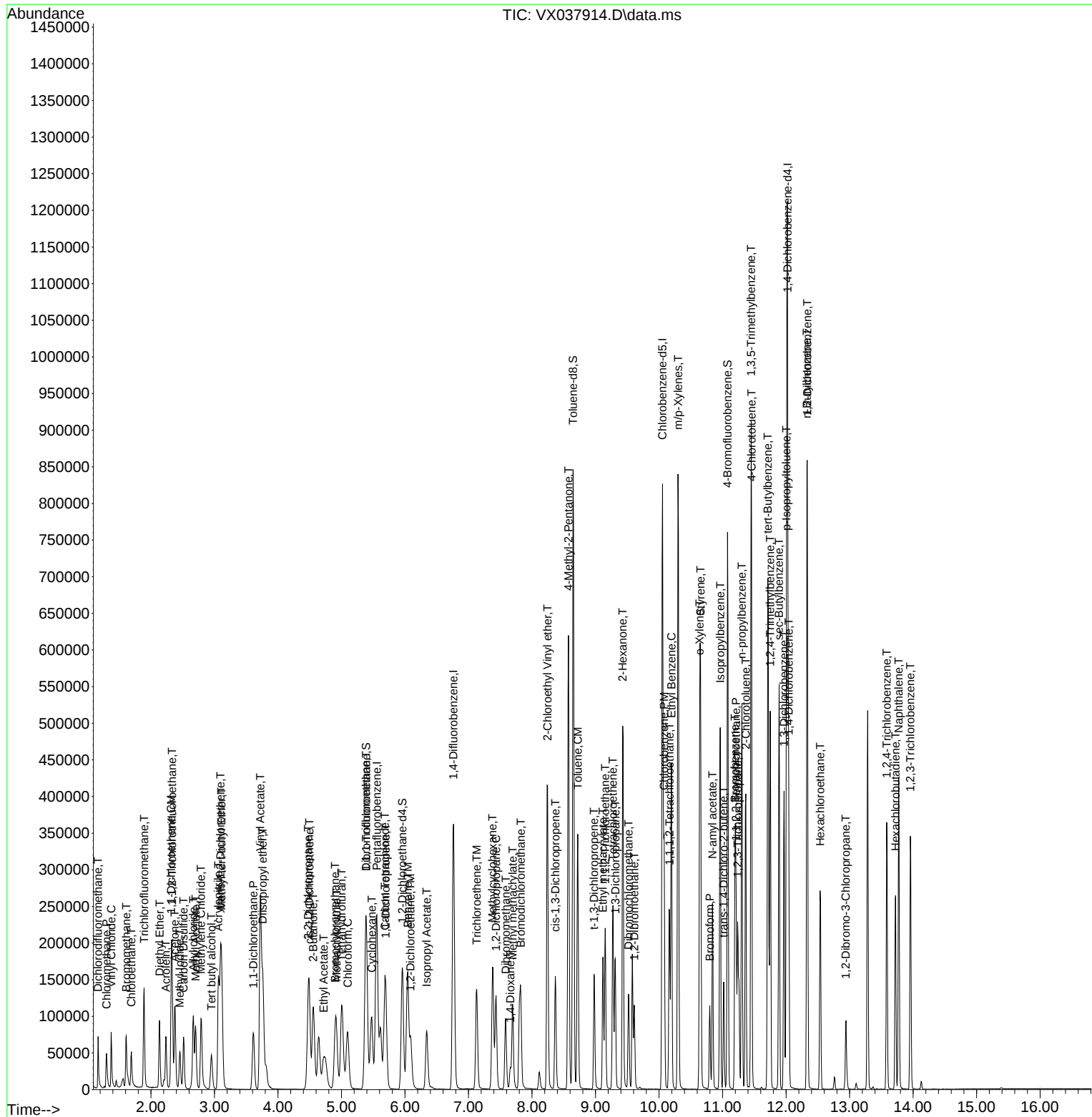
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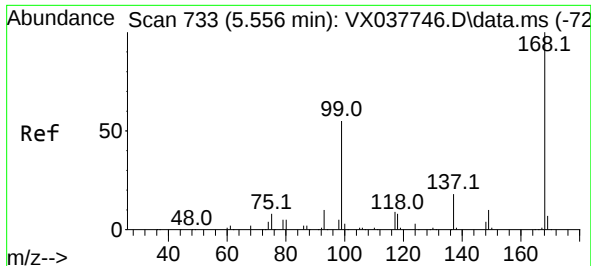
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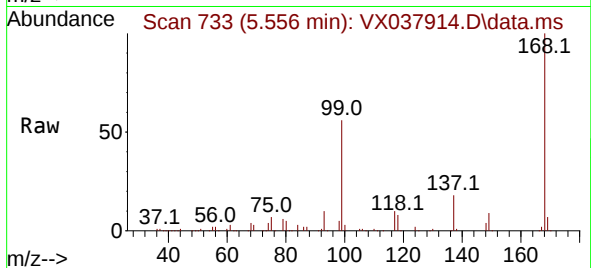
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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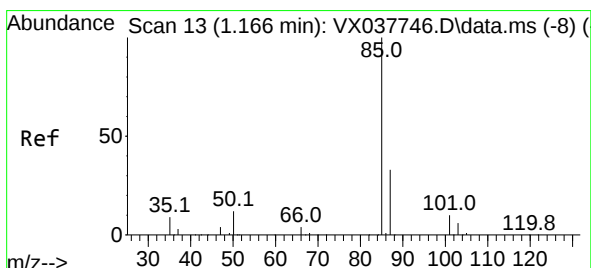
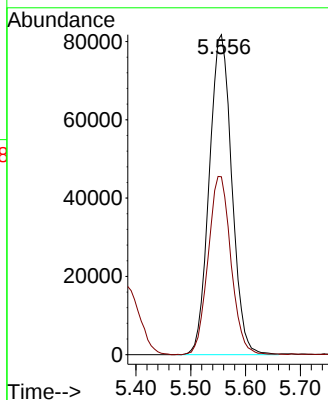
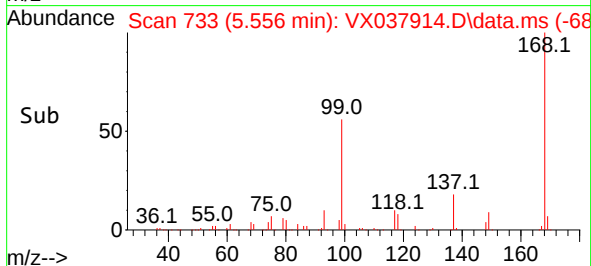
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion:168 Resp: 23366
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0

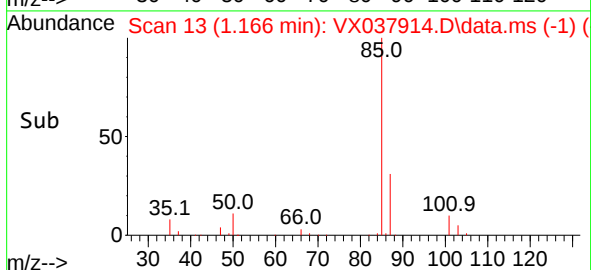
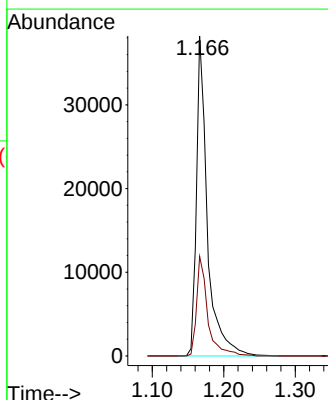
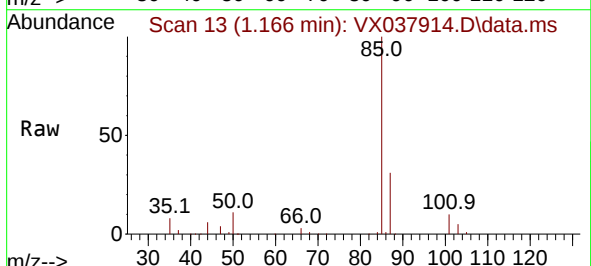
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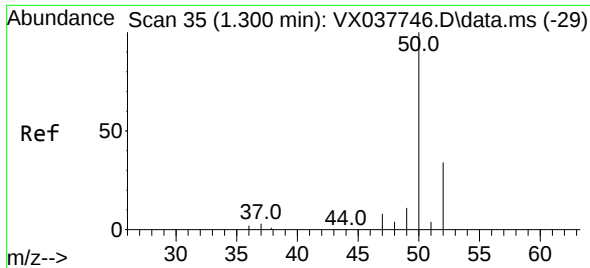
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#2
Dichlorodifluoromethane
Concen: 16.384 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion: 85 Resp: 40352
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.1





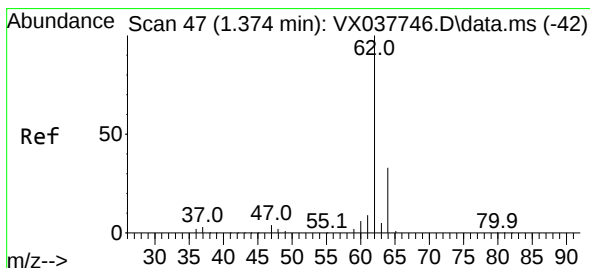
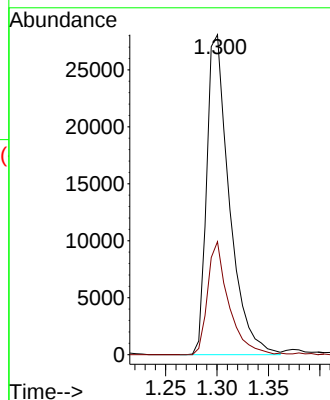
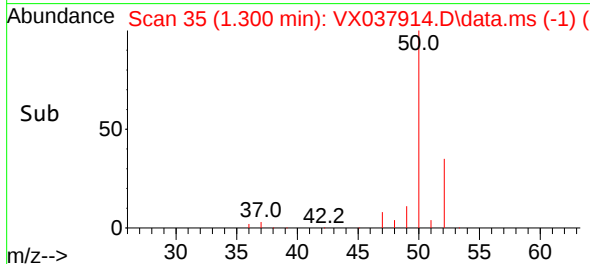
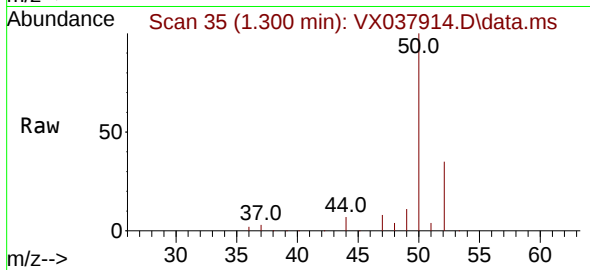
#3
Chloromethane
Concen: 16.086 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

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Tgt Ion: 50 Resp: 4310
Ion Ratio Lower Upper
50 100
52 35.3 25.5 38.3

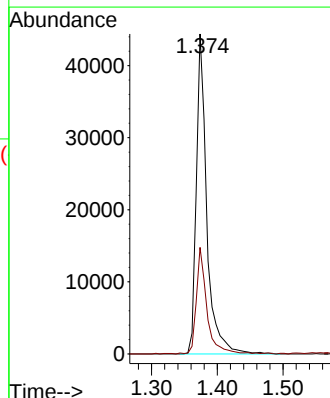
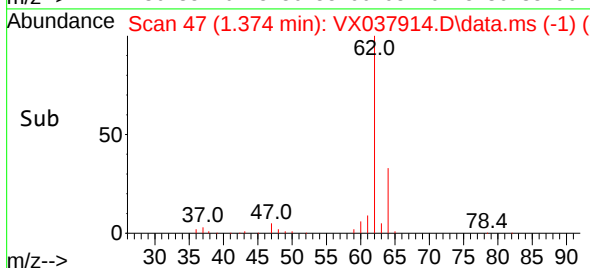
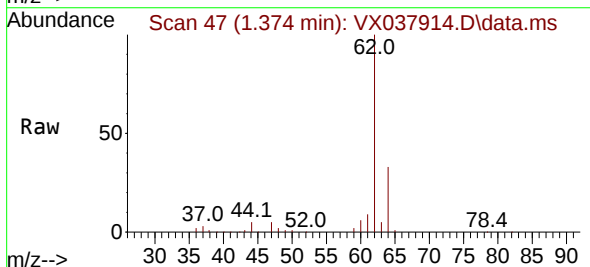
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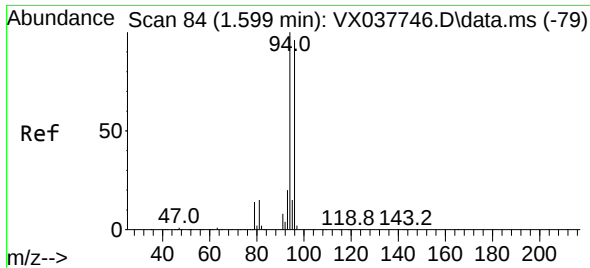
Reviewed By :John Carlone 09/28/2023
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#4
Vinyl Chloride
Concen: 16.983 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion: 62 Resp: 49097
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0





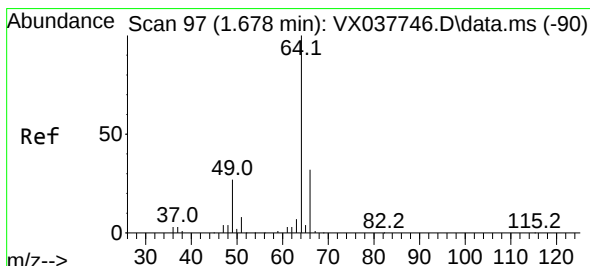
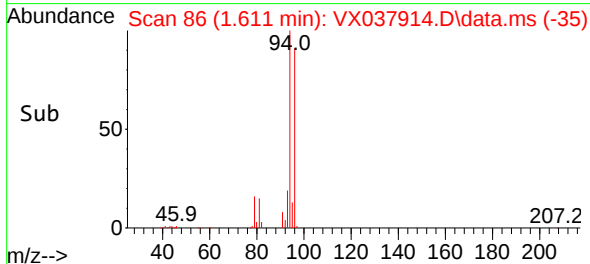
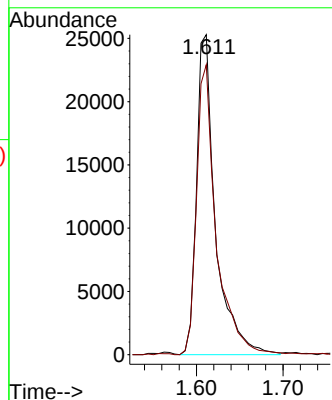
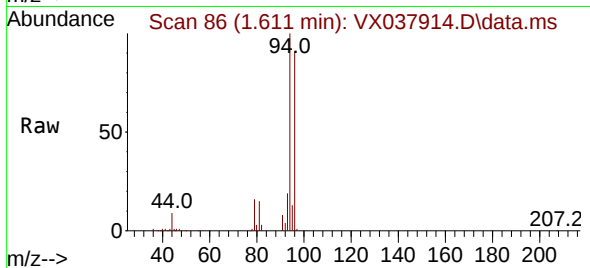
#5
Bromomethane
Concen: 18.568 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX037914.D
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Tgt Ion: 94 Resp: 38429
Ion Ratio Lower Upper
94 100
96 90.6 74.6 111.8

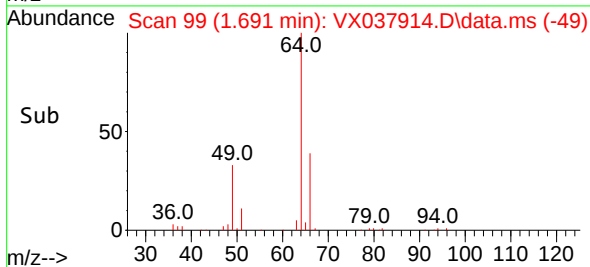
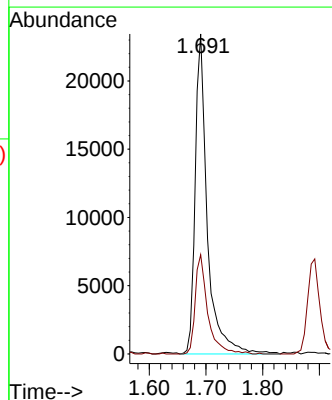
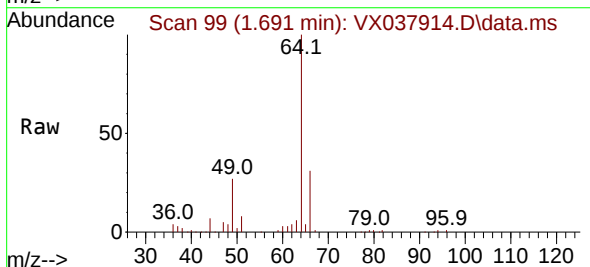
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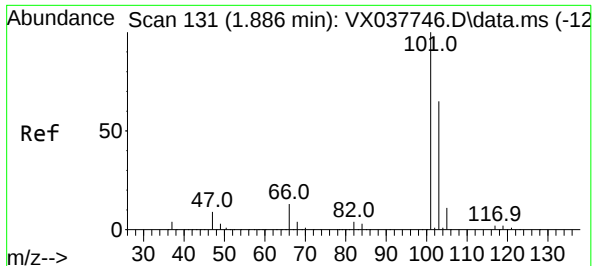
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#6
Chloroethane
Concen: 17.440 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion: 64 Resp: 34735
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





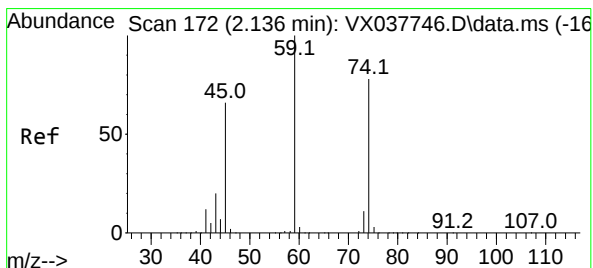
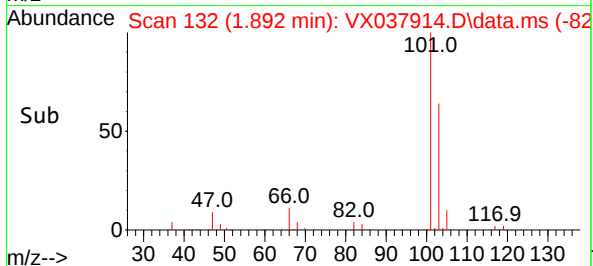
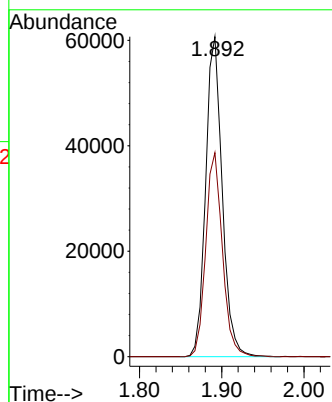
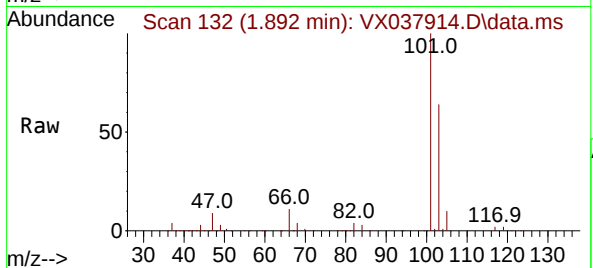
#7
Trichlorofluoromethane
Concen: 18.297 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Instrument :
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Tgt Ion:101 Resp: 85039
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

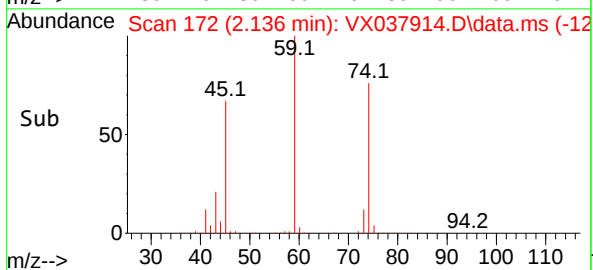
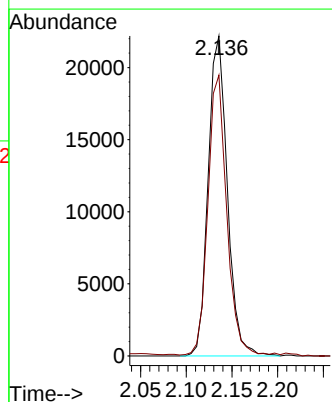
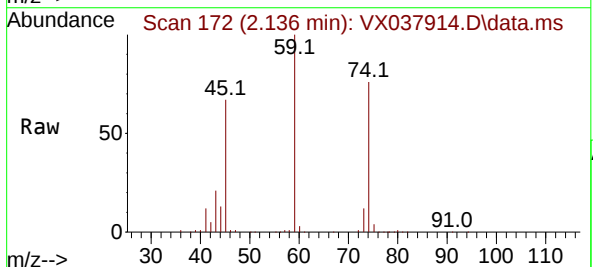
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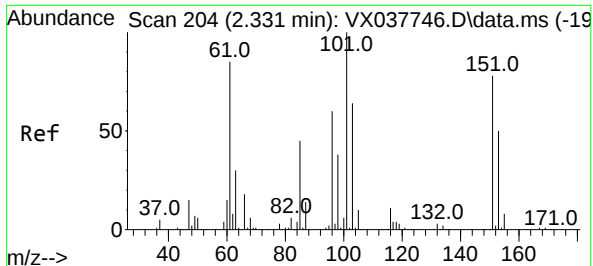
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#8
Diethyl Ether
Concen: 17.897 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion: 74 Resp: 32226
Ion Ratio Lower Upper
74 100
45 85.8 53.3 159.8





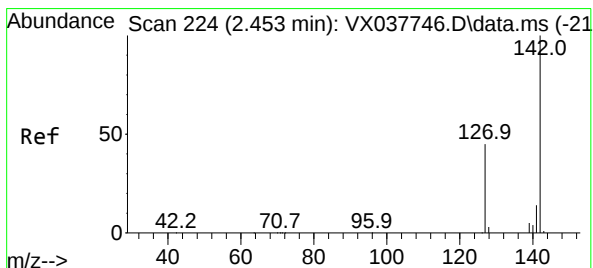
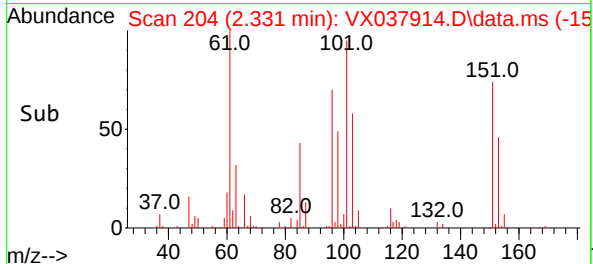
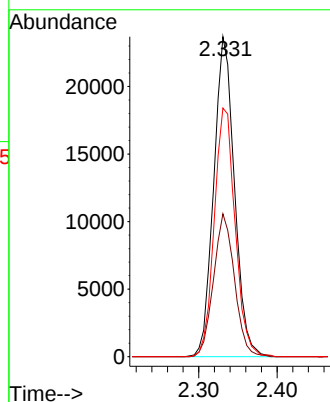
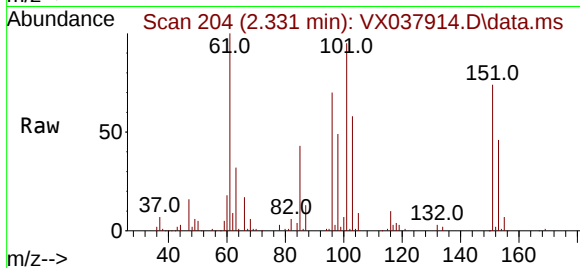
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.449 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion:101 Resp: 43518
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.6
151 78.3 58.6 87.8

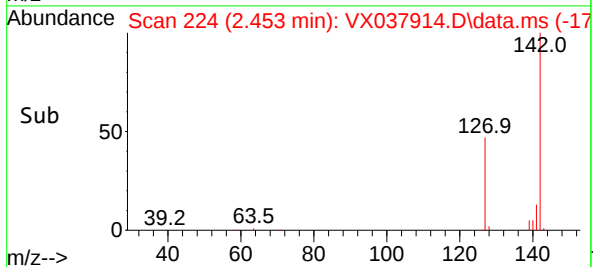
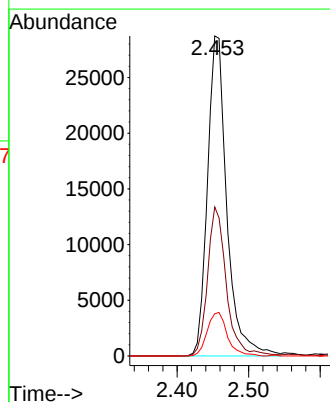
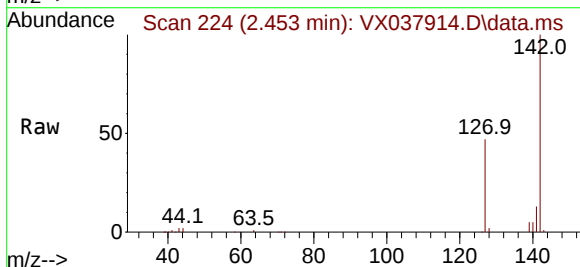
Manual Integrations
APPROVED

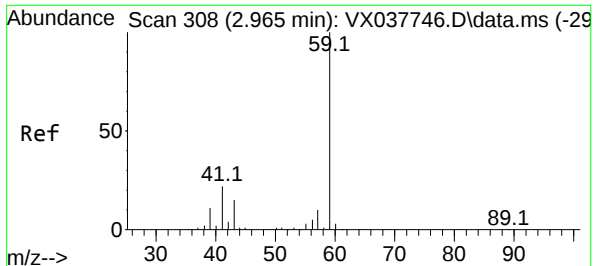
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#10
Methyl Iodide
Concen: 17.308 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion:142 Resp: 54027
Ion Ratio Lower Upper
142 100
127 45.2 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 78.810 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 59 Resp: 51934

Ion Ratio Lower Upper

59 100

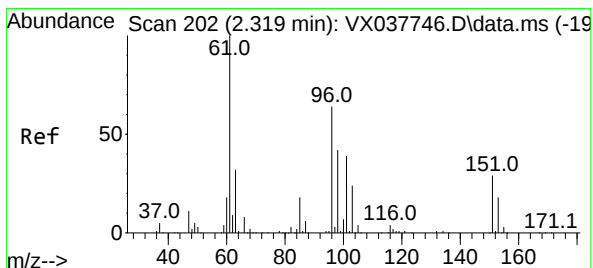
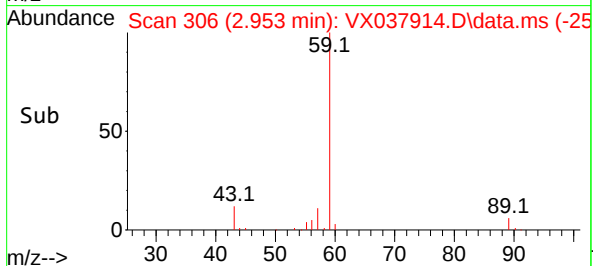
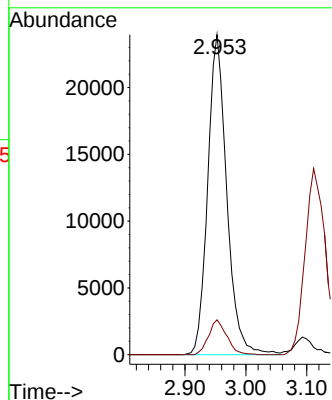
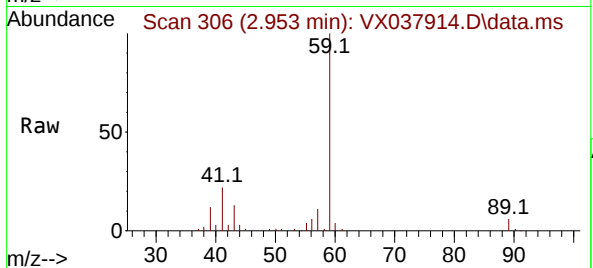
57 10.4 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#12

1,1-Dichloroethene

Concen: 17.955 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

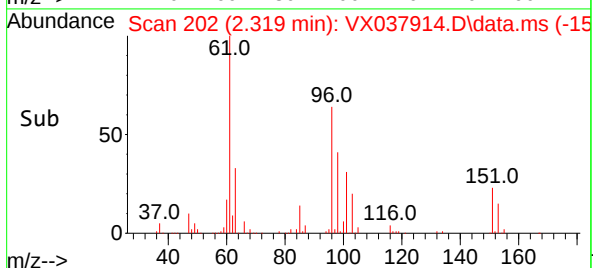
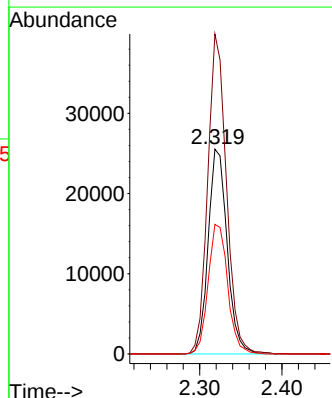
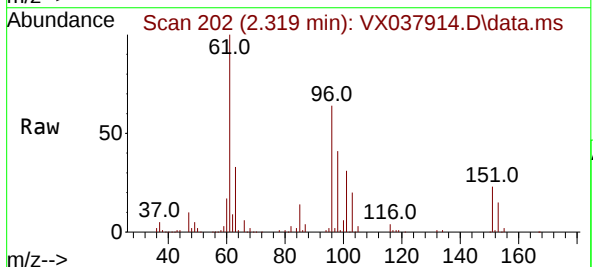
Tgt Ion: 96 Resp: 40930

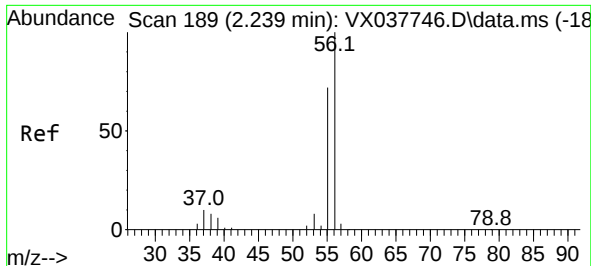
Ion Ratio Lower Upper

96 100

61 156.3 144.6 216.8

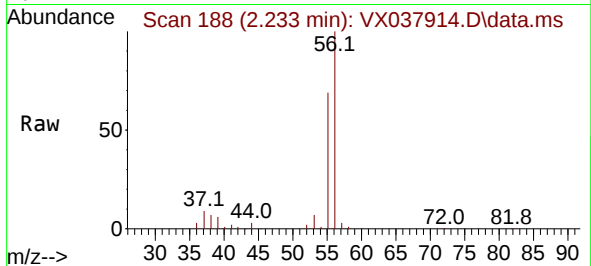
98 63.3 50.4 75.6





#13
Acrolein
Concen: 80.302 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

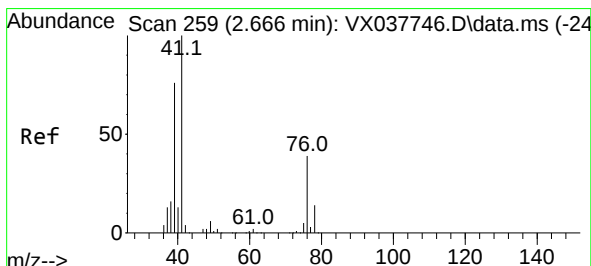
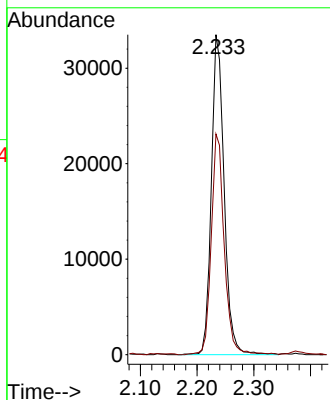
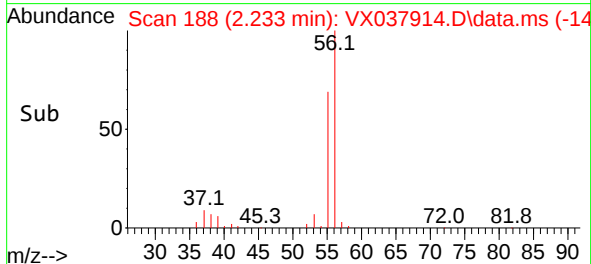
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion: 56 Resp: 5227
Ion Ratio Lower Upper
56 100
55 70.2 57.1 85.7

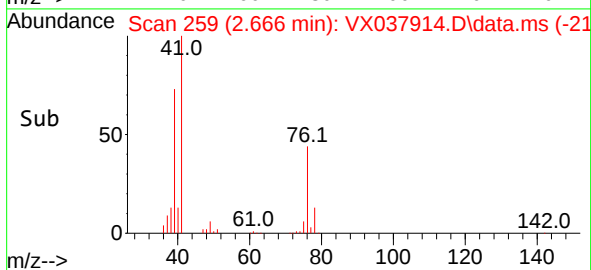
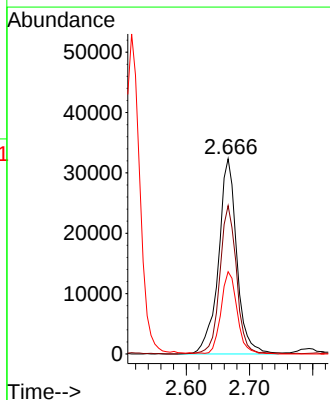
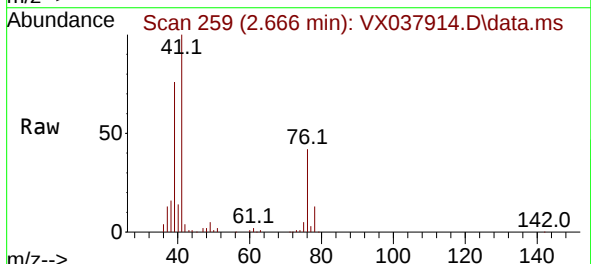
Manual Integrations
APPROVED

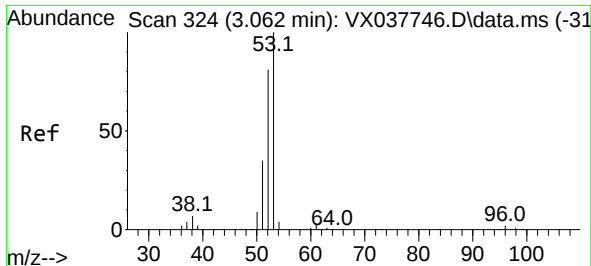
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#14
Allyl chloride
Concen: 17.159 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

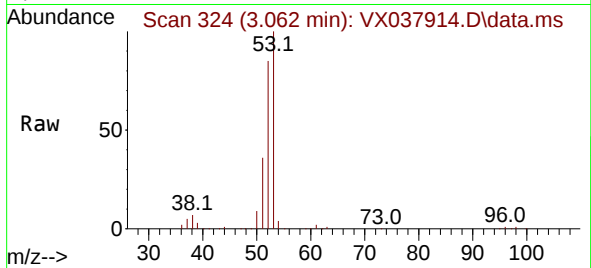
Tgt Ion: 41 Resp: 65147
Ion Ratio Lower Upper
41 100
39 69.3 55.8 83.6
76 36.8 24.3 36.5





#15
Acrylonitrile
Concen: 87.242 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

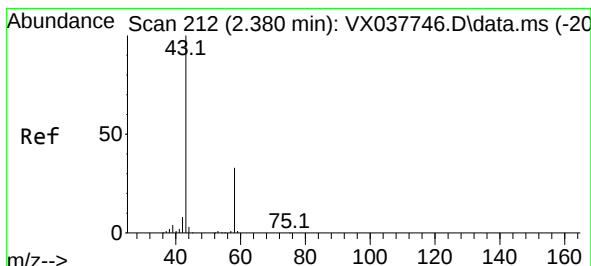
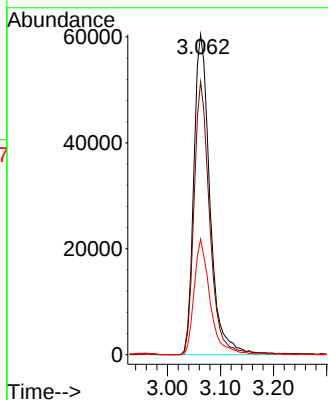
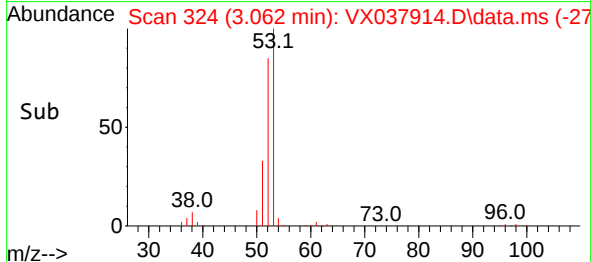
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion: 53 Resp: 12782
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 35.6 29.8 44.6

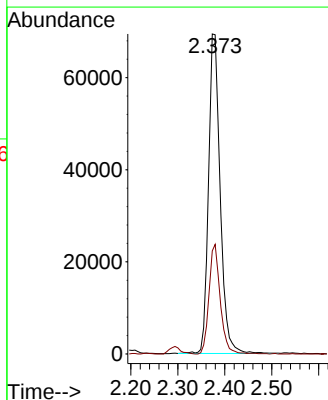
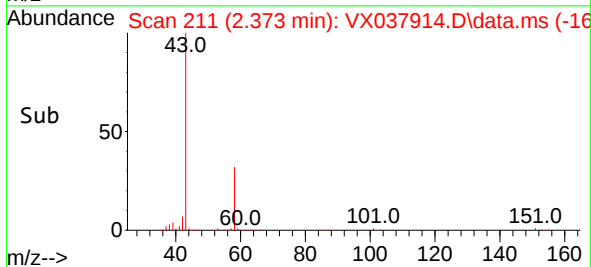
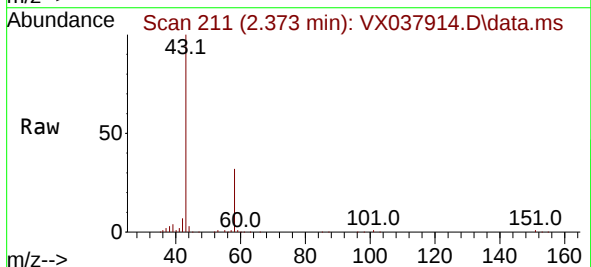
Manual Integrations
APPROVED

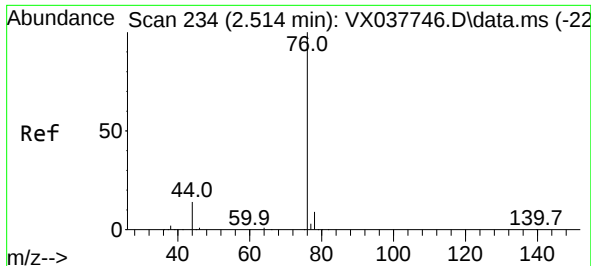
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#16
Acetone
Concen: 80.573 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion: 43 Resp: 118996
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9





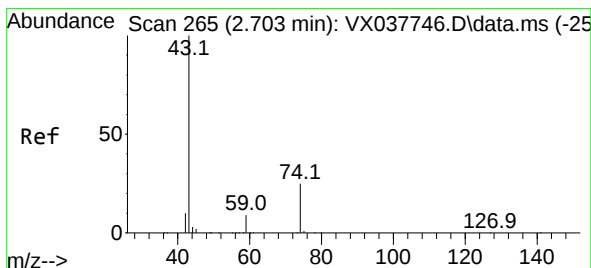
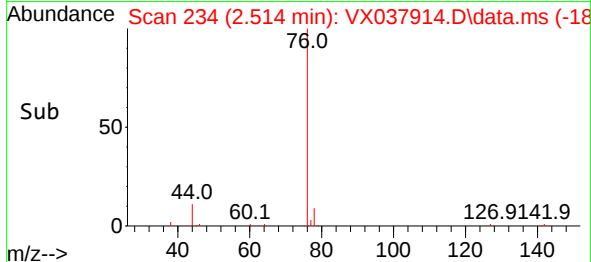
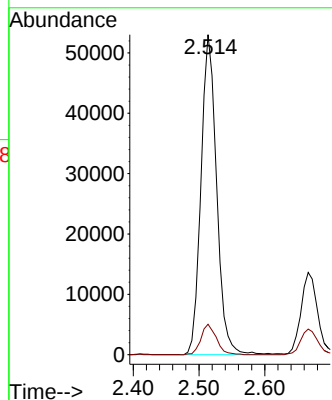
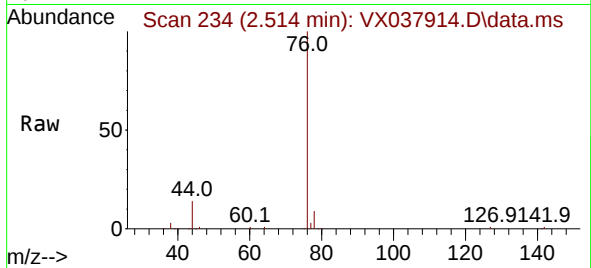
#17
Carbon Disulfide
Concen: 15.335 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion: 76 Resp: 87640
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

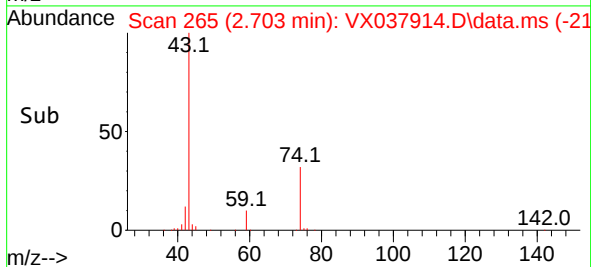
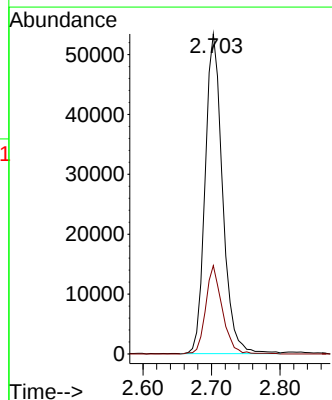
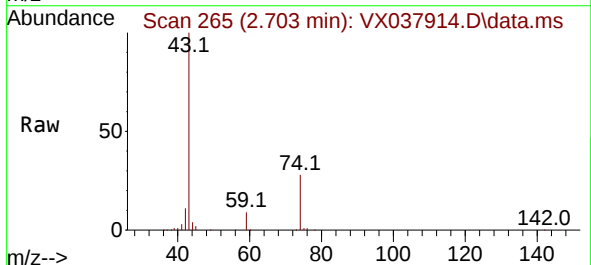
Manual Integrations
APPROVED

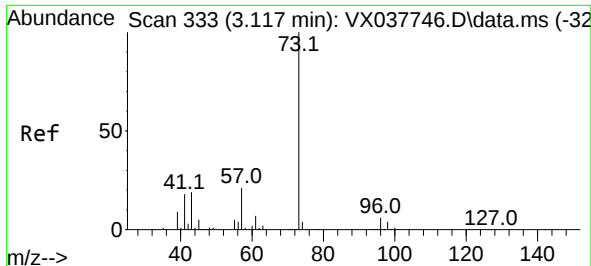
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#18
Methyl Acetate
Concen: 17.734 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion: 43 Resp: 94482
Ion Ratio Lower Upper
43 100
74 26.4 17.8 26.8





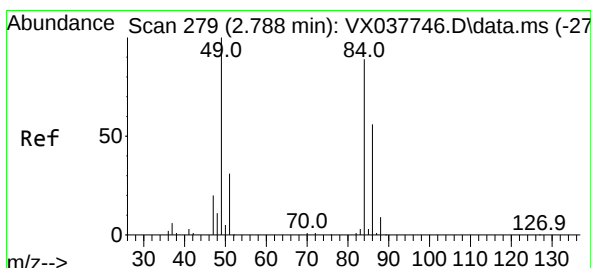
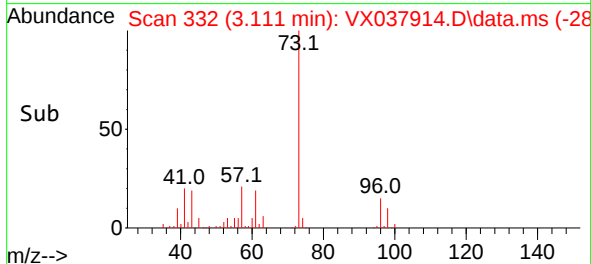
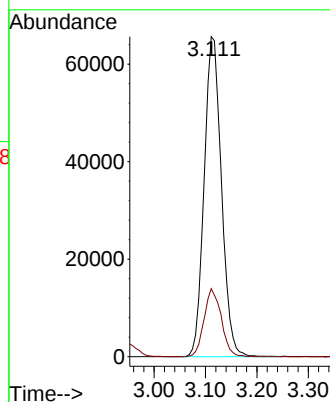
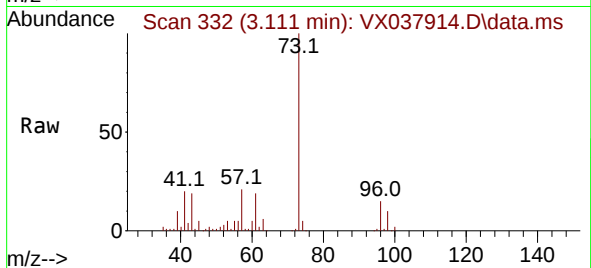
#19
Methyl tert-butyl Ether
Concen: 18.295 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion: 73 Resp: 15342
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

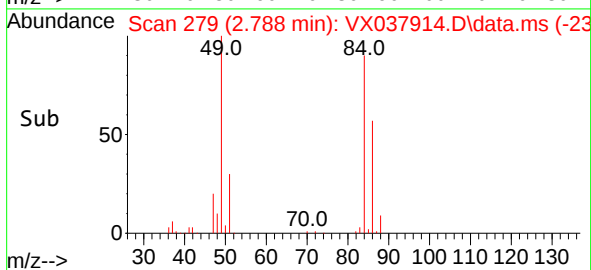
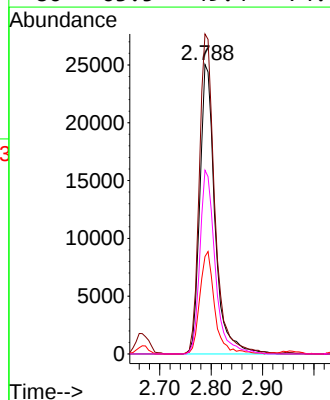
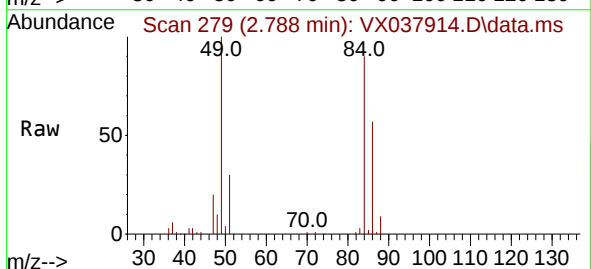
Manual Integrations
APPROVED

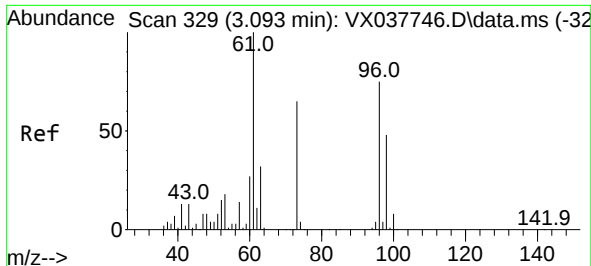
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#20
Methylene Chloride
Concen: 18.816 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

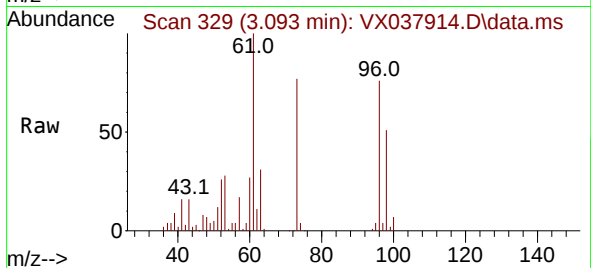
Tgt Ion: 84 Resp: 51419
Ion Ratio Lower Upper
84 100
49 110.5 103.6 155.4
51 33.6 33.8 50.6#
86 63.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.402 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

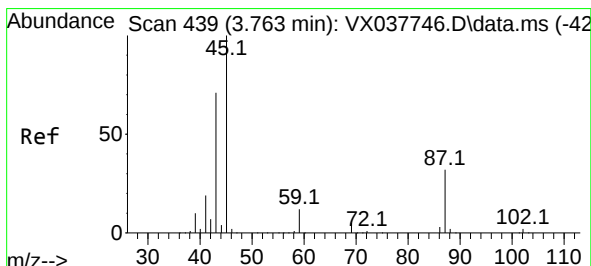
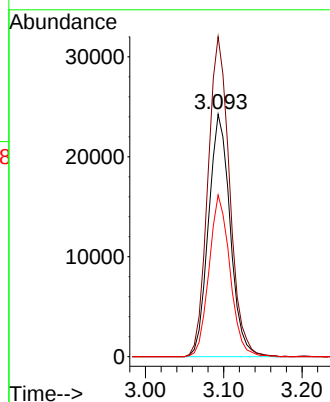
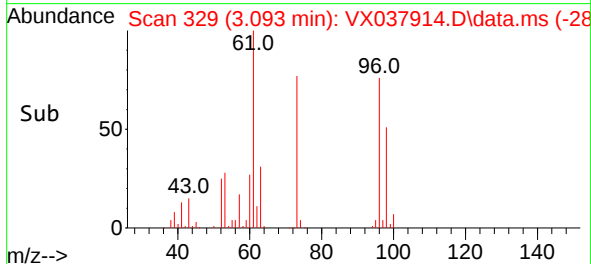
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion: 96 Resp: 4658
Ion Ratio Lower Upper
96 100
61 132.0 119.2 178.8
98 66.7 48.7 73.1

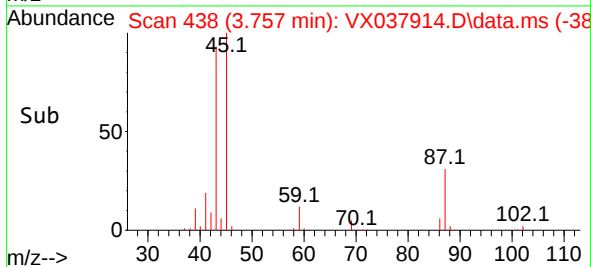
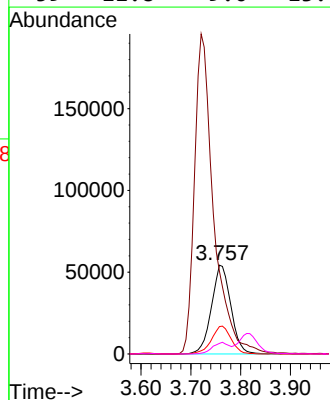
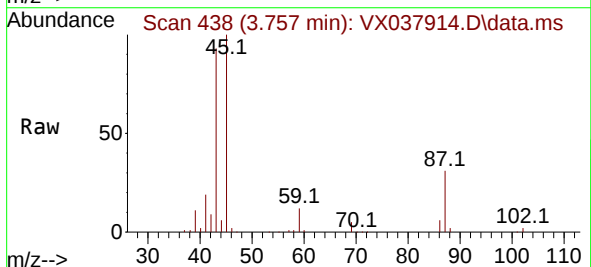
Manual Integrations
APPROVED

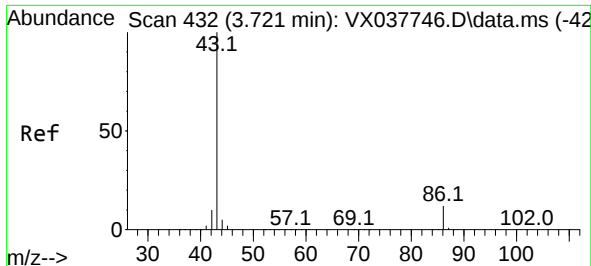
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#22
Diisopropyl ether
Concen: 18.534 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion: 45 Resp: 146581
Ion Ratio Lower Upper
45 100
43 92.5 69.7 104.5
87 30.7 20.8 31.2
59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 90.256 ug/l

RT: 3.721 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 43 Resp: 52503

Ion Ratio Lower Upper

43 100

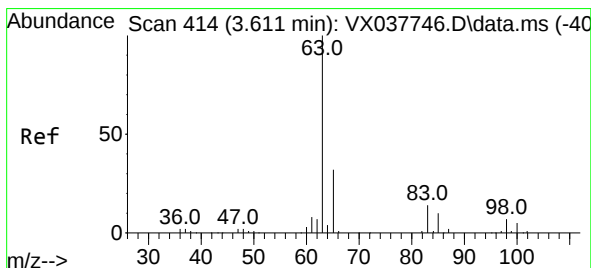
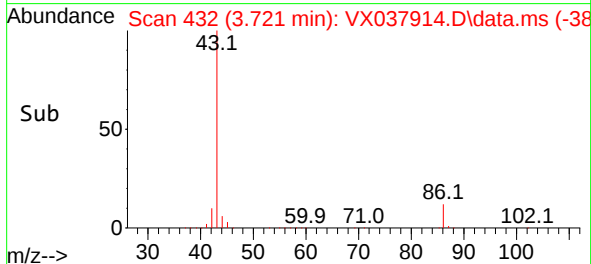
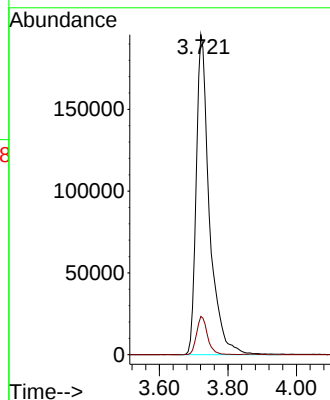
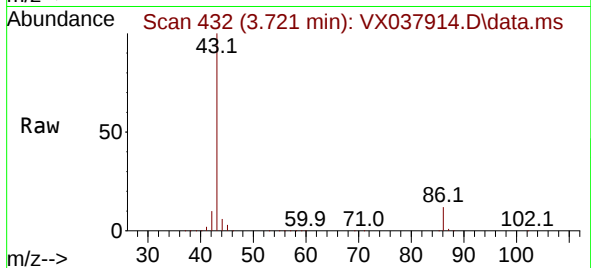
86 11.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#24

1,1-Dichloroethane

Concen: 18.517 ug/l

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

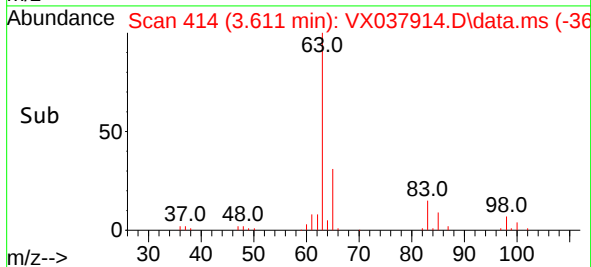
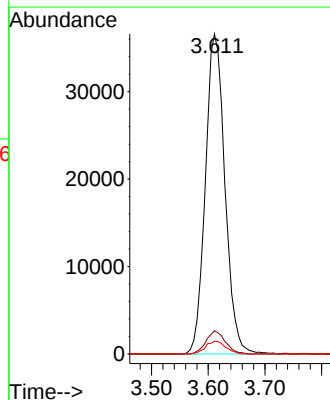
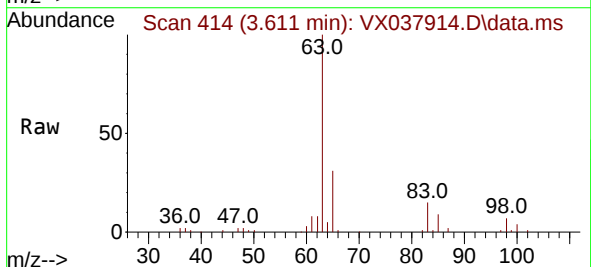
Tgt Ion: 63 Resp: 87756

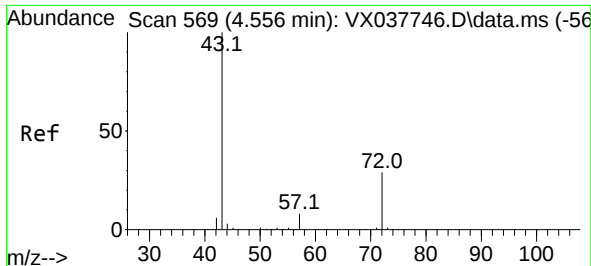
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

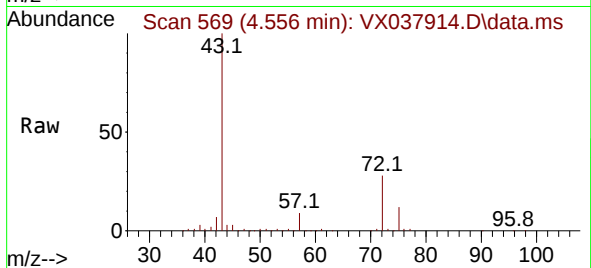
100 4.0 2.1 6.5





#25
2-Butanone
Concen: 82.568 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

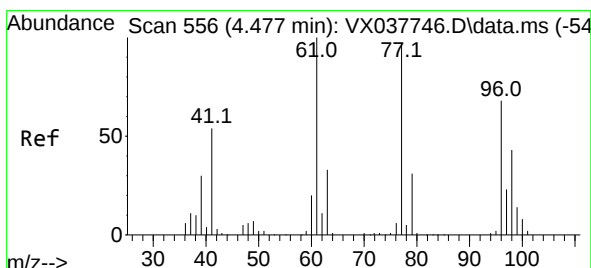
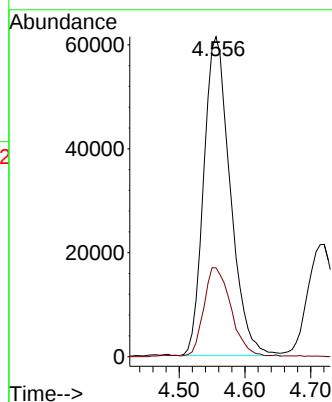
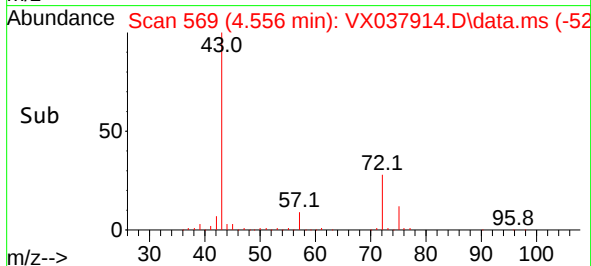
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion: 43 Resp: 17208
Ion Ratio Lower Upper
43 100
72 27.7 19.4 29.2

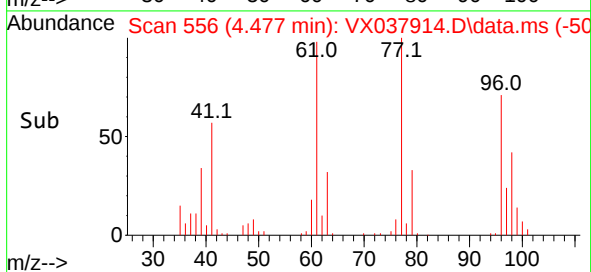
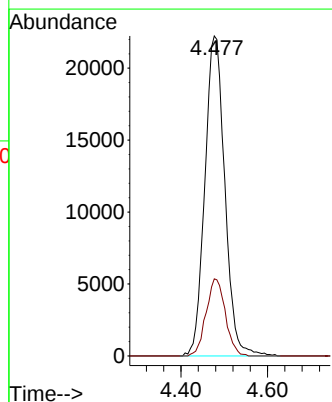
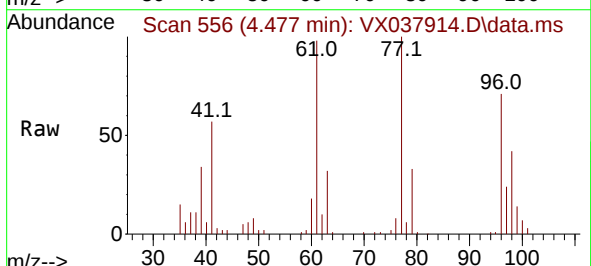
Manual Integrations
APPROVED

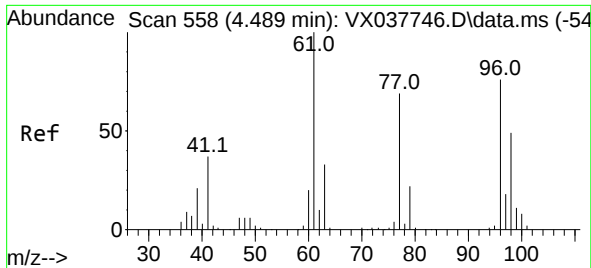
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#26
2,2-Dichloropropane
Concen: 18.610 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion: 77 Resp: 71265
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.613 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 96 Resp: 5776

Ion Ratio Lower Upper

96 100

61 137.4 0.0 312.2

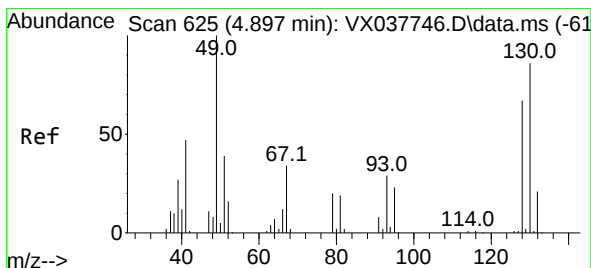
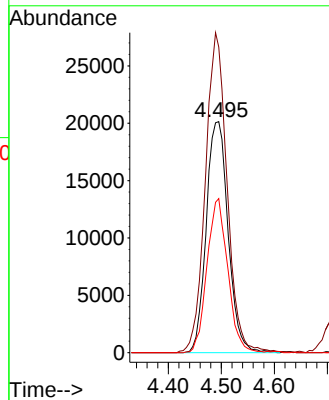
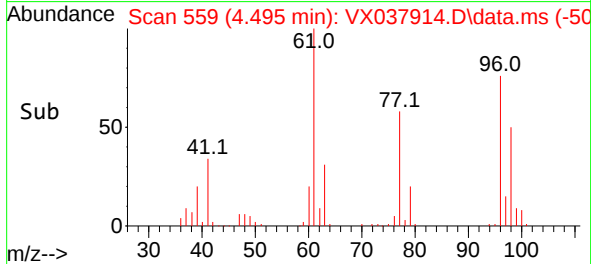
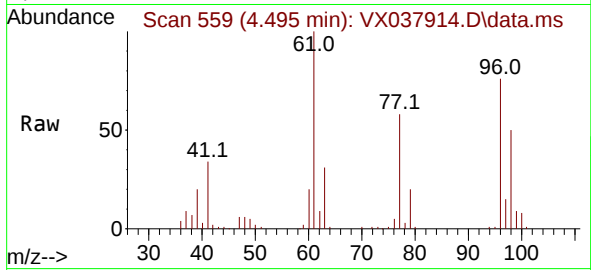
98 63.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#28

Bromochloromethane

Concen: 18.893 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

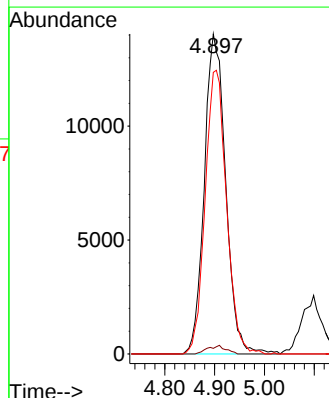
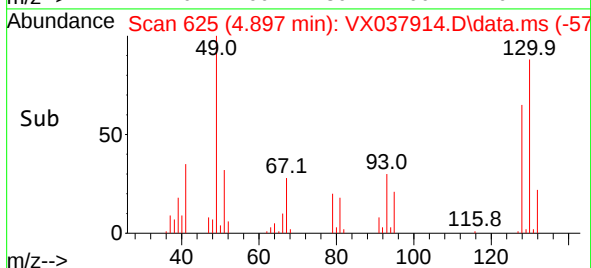
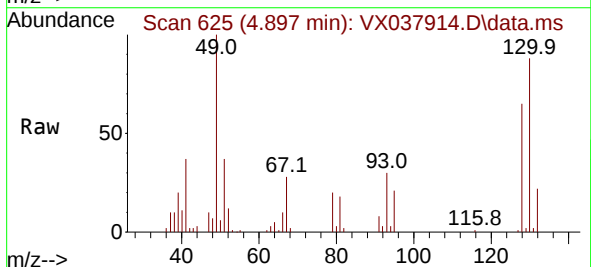
Tgt Ion: 49 Resp: 41770

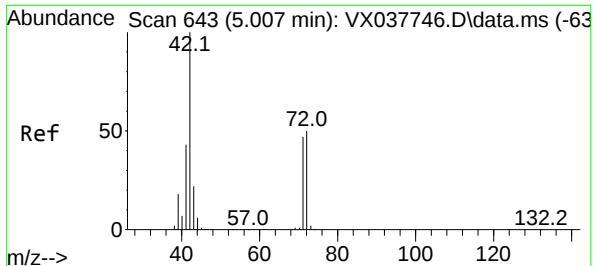
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 88.5 57.5 86.3#





#29

Tetrahydrofuran

Concen: 82.088 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 42 Resp: 10641

Ion Ratio Lower Upper

42 100

72 50.0 34.2 51.4

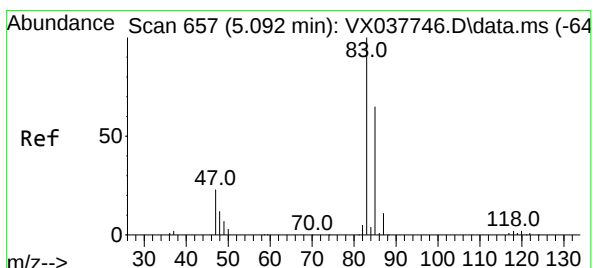
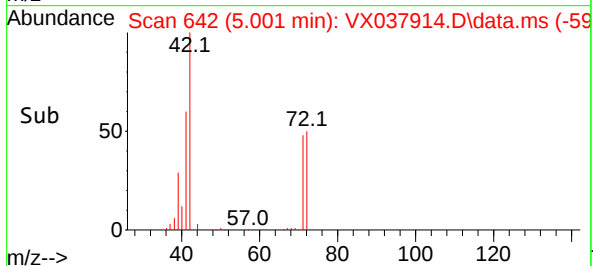
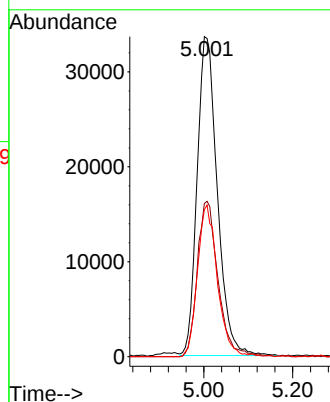
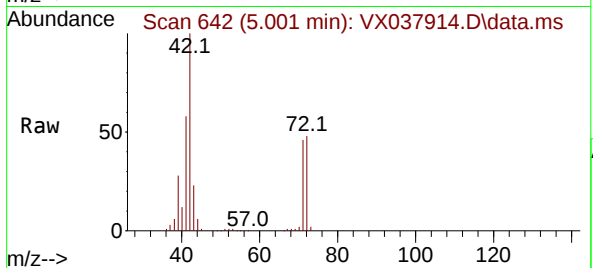
71 46.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#30

Chloroform

Concen: 18.864 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037914.D

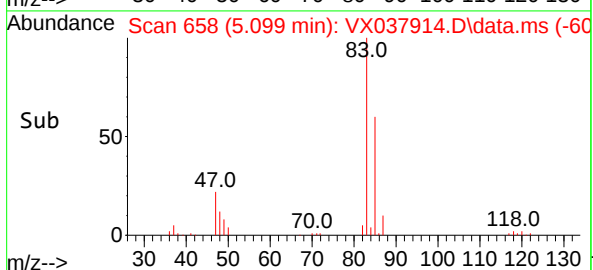
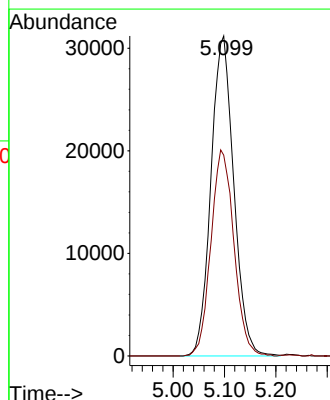
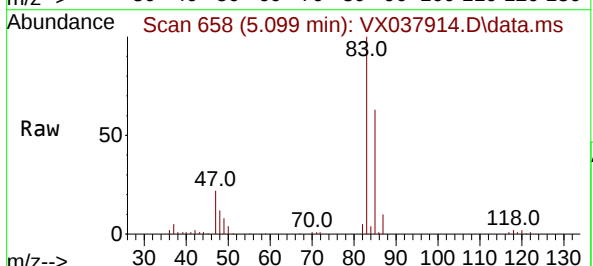
Acq: 27 Sep 2023 11:04

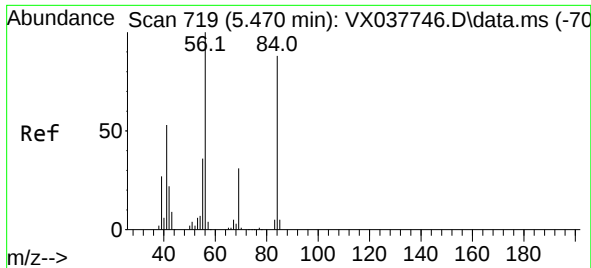
Tgt Ion: 83 Resp: 96307

Ion Ratio Lower Upper

83 100

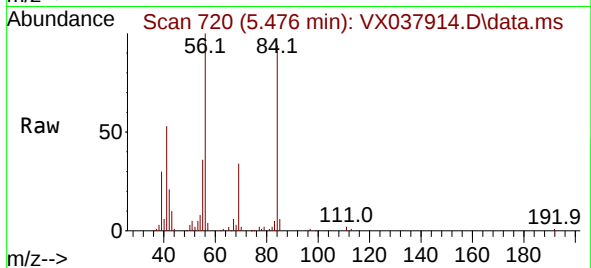
85 62.8 50.3 75.5





#31
Cyclohexane
Concen: 17.295 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

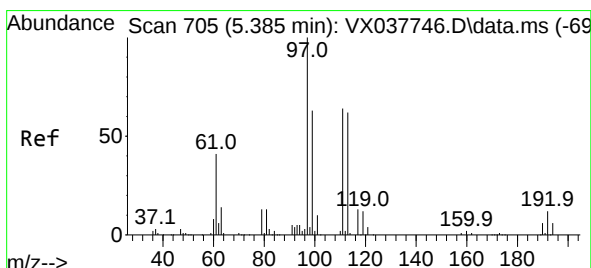
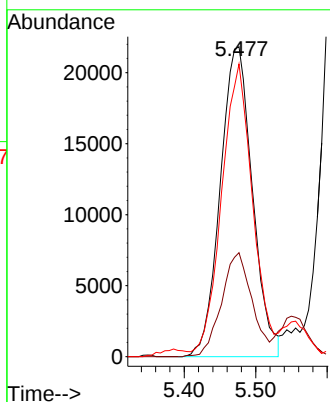
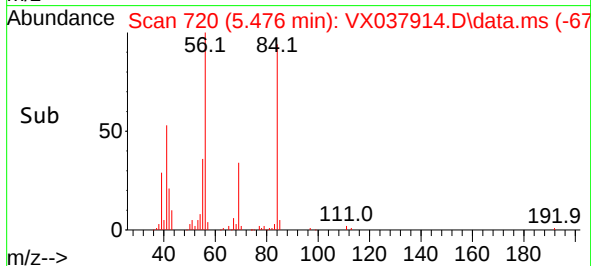
Instrument :
MSVOA_X
Client Sample Id :
VX0927WBS01



Tgt Ion: 56 Resp: 68148
Ion Ratio Lower Upper
56 100
69 33.6 23.4 35.2
84 92.4 65.9 98.9

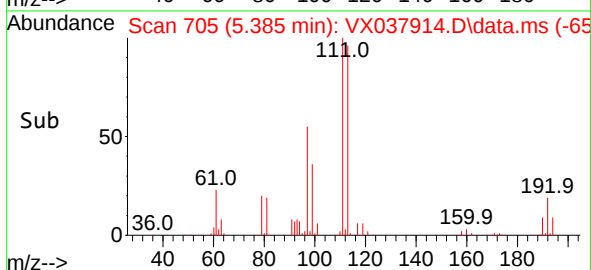
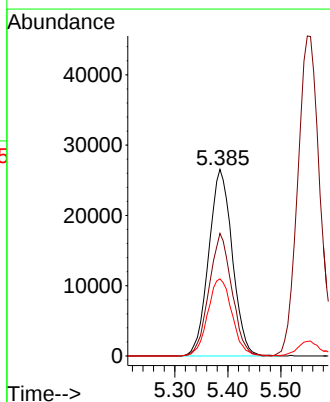
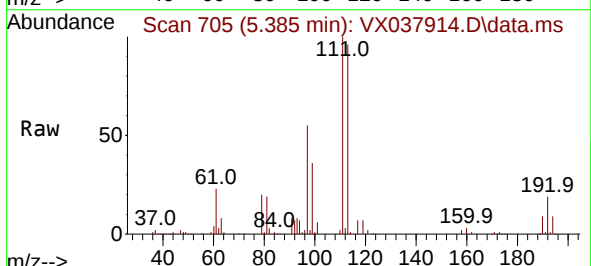
Manual Integrations
APPROVED

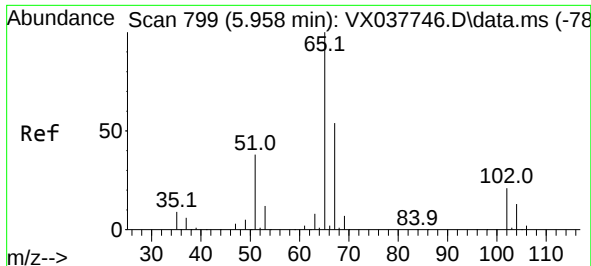
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#32
1,1,1-Trichloroethane
Concen: 18.951 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

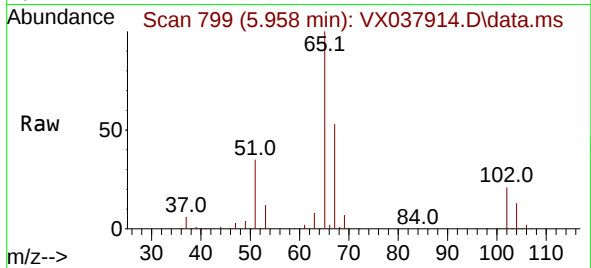
Tgt Ion: 97 Resp: 81919
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 42.5 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 51.825 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

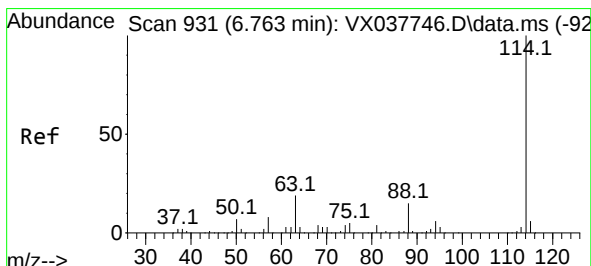
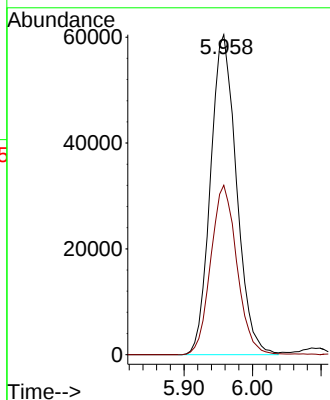
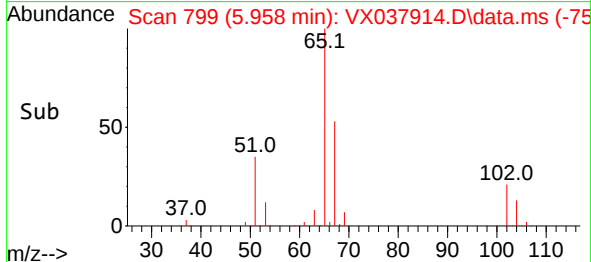
Instrument :
MSVOA_X
Client Sample Id :
VX0927WBS01



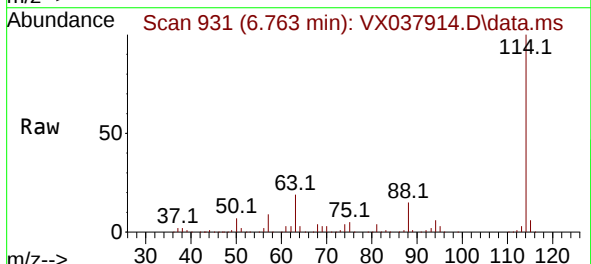
Tgt Ion: 65 Resp: 159104
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2

Manual Integrations
APPROVED

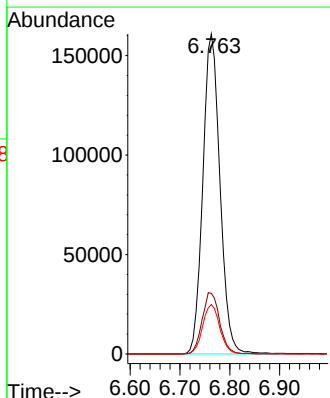
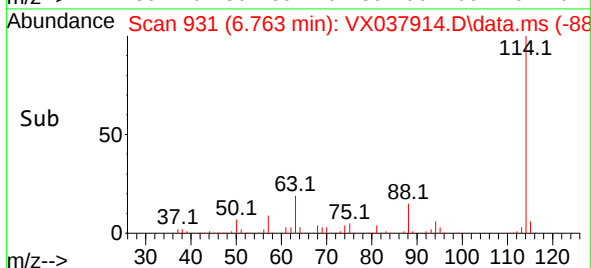
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

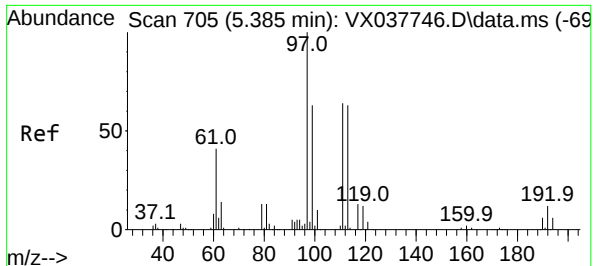


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04



Tgt Ion: 114 Resp: 384319
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.636 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037914.D

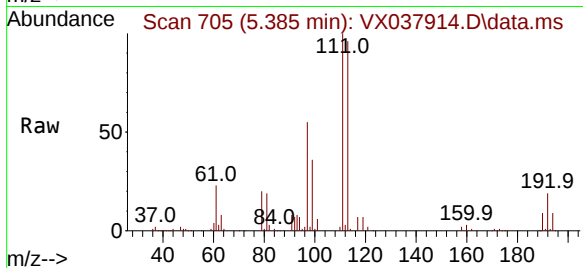
Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01



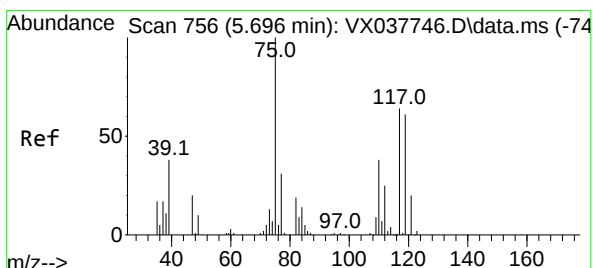
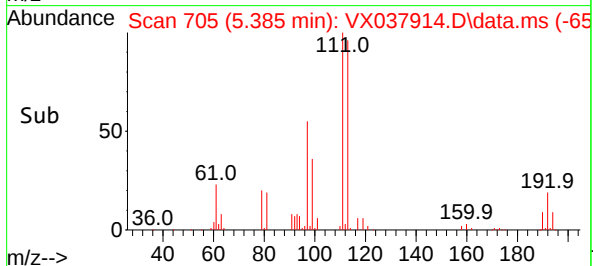
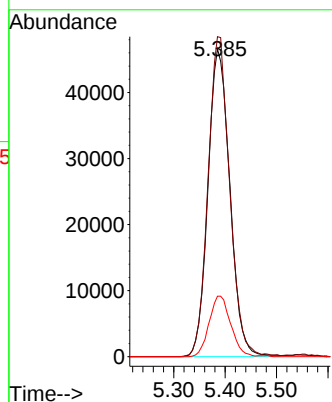
Tgt Ion:	113	Resp:	137924
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	19.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#36

1,1-Dichloropropene

Concen: 18.392 ug/l

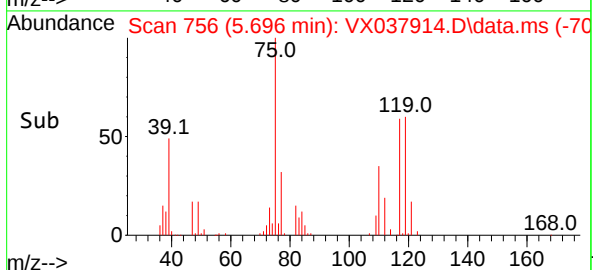
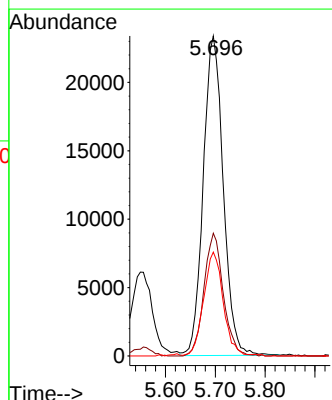
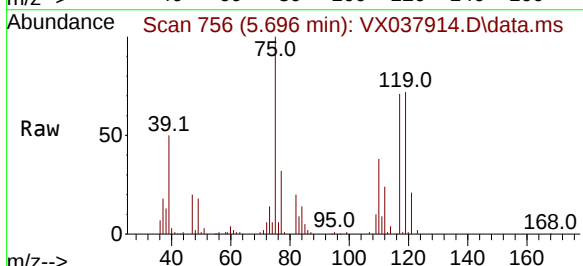
RT: 5.696 min Scan# 756

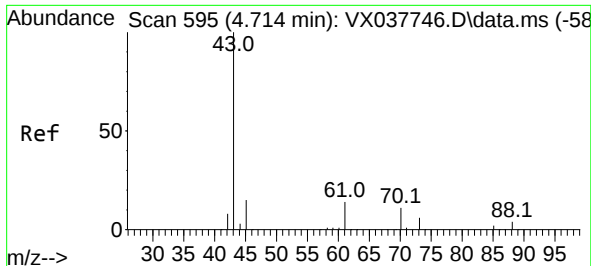
Delta R.T. -0.000 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Tgt Ion:	75	Resp:	65152
Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.0	50.9
77	31.2	24.7	37.1





#37

Ethyl Acetate

Concen: 17.146 ug/l

RT: 4.721 min Scan# 595

Delta R.T. -0.012 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 43 Resp: 66772

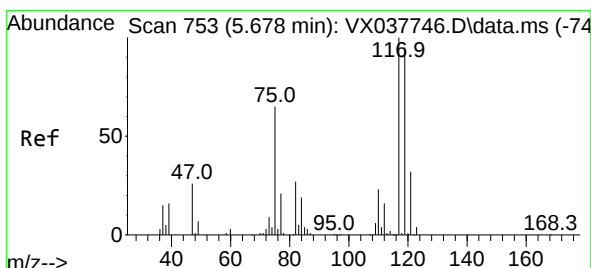
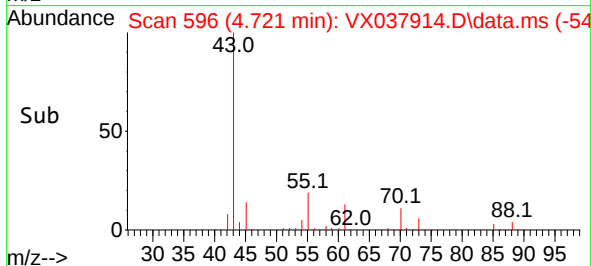
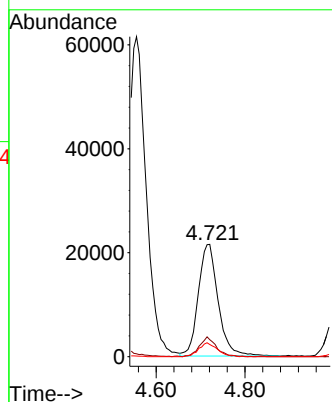
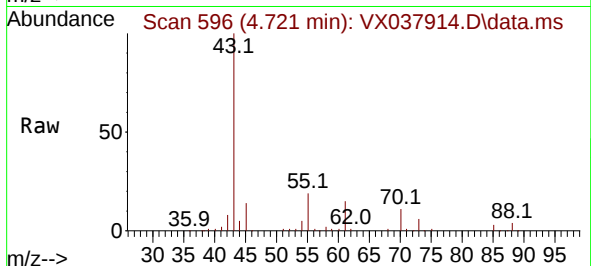
Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.6	16.0
70	11.5	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#38

Carbon Tetrachloride

Concen: 18.530 ug/l

RT: 5.684 min Scan# 754

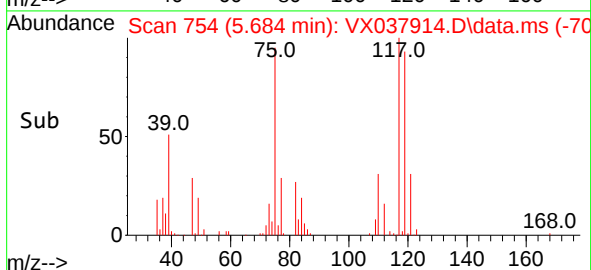
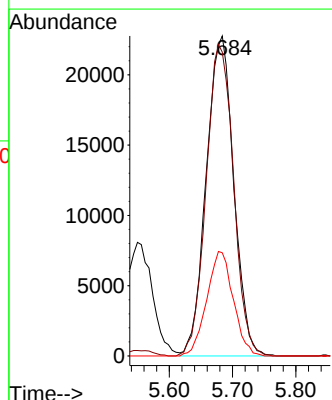
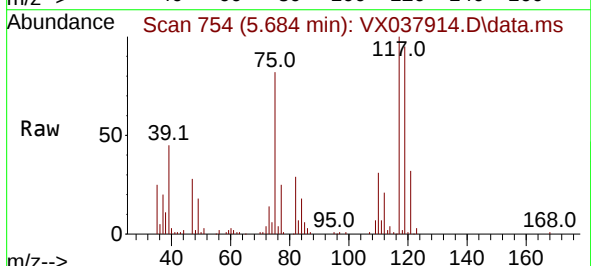
Delta R.T. 0.006 min

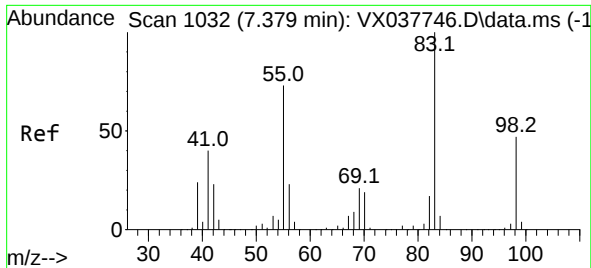
Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Tgt Ion:117 Resp: 68679

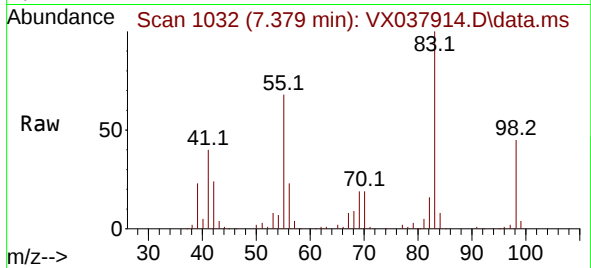
Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.2	117.2
121	32.2	24.4	36.6





#39
Methylcyclohexane
Concen: 17.597 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

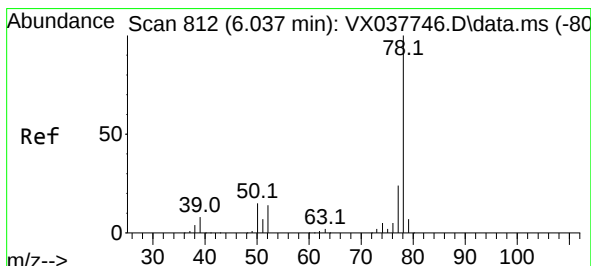
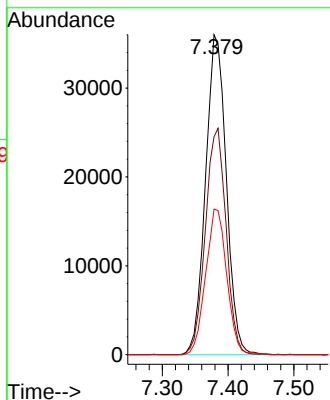
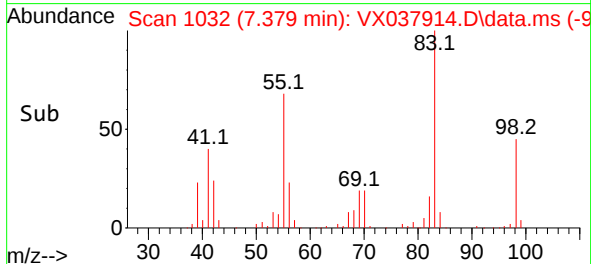
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



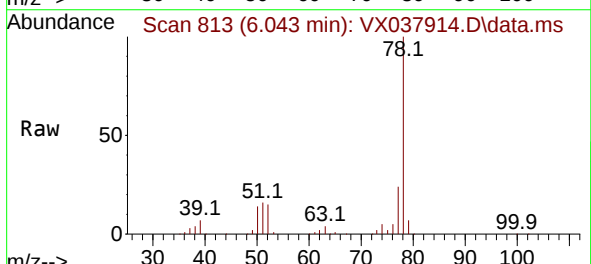
Tgt Ion: 83 Resp: 79110
Ion Ratio Lower Upper
83 100
55 68.1 64.6 97.0
98 45.5 36.7 55.1

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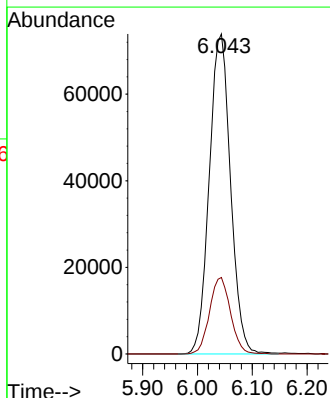
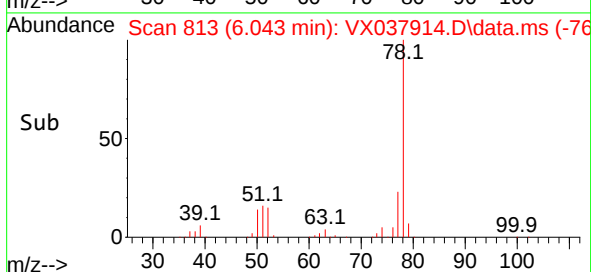
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

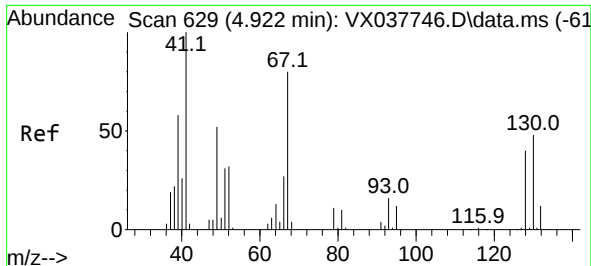


#40
Benzene
Concen: 18.270 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04



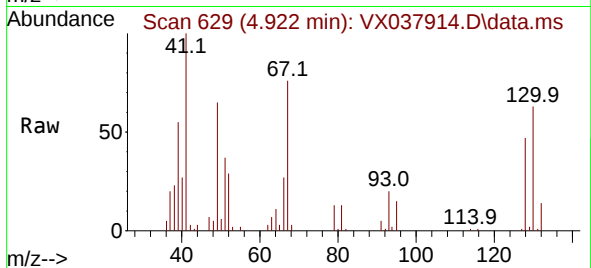
Tgt Ion: 78 Resp: 199015
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 17.875 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.025 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

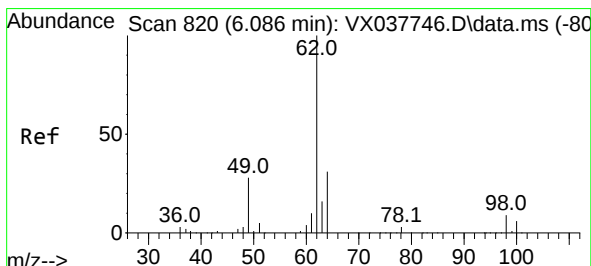
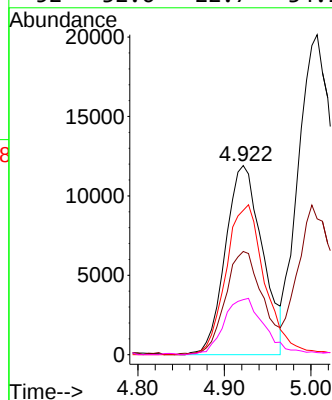
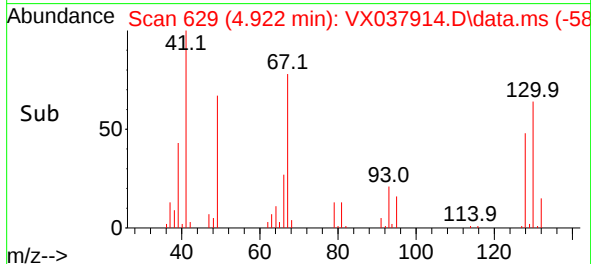
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion:	41	Resp:	3549
Ion Ratio	100	Lower	Upper
39	55.4	45.2	67.8
67	83.6	52.6	78.8
52	32.6	22.7	34.1

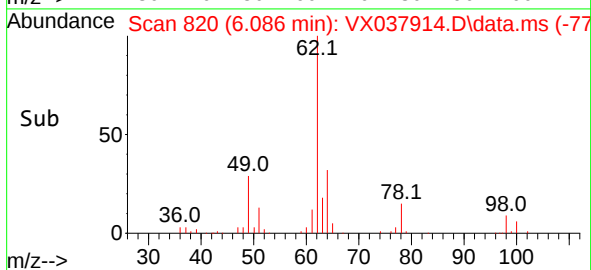
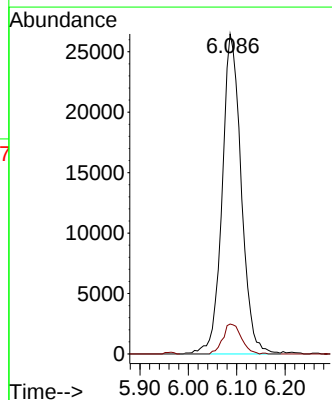
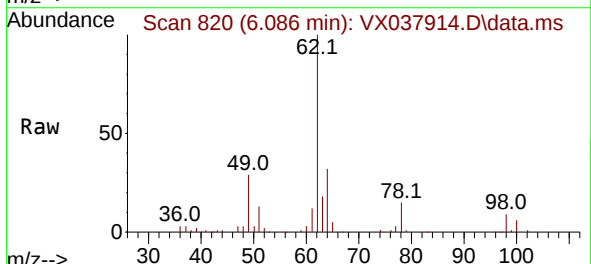
Manual Integrations
APPROVED

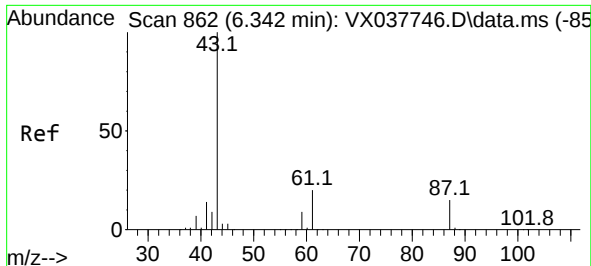
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#42
1,2-Dichloroethane
Concen: 18.438 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion:	62	Resp:	72593
Ion Ratio	100	Lower	Upper
98	9.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 17.489 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 43 Resp: 10890

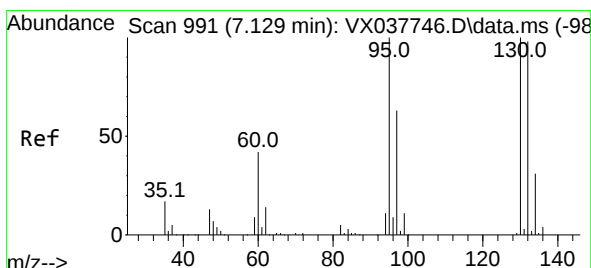
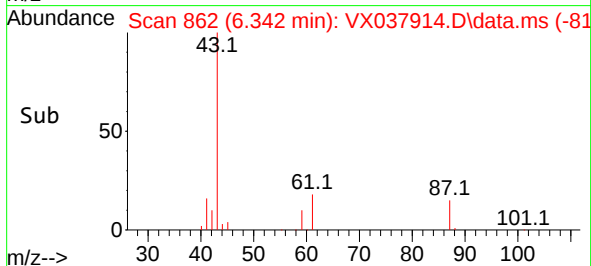
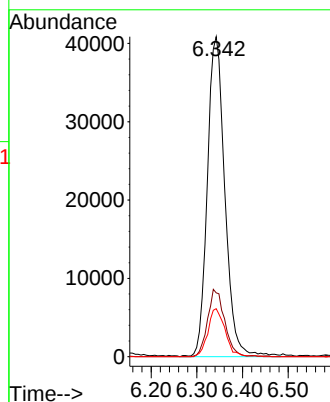
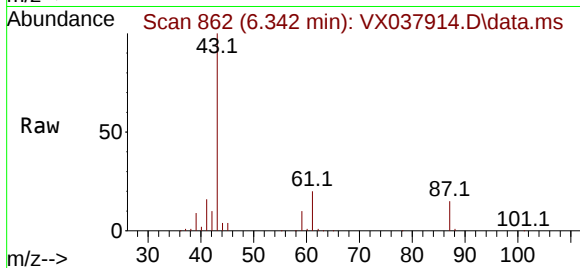
Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.2	22.8
87	14.7	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#44

Trichloroethene

Concen: 18.003 ug/l

RT: 7.129 min Scan# 991

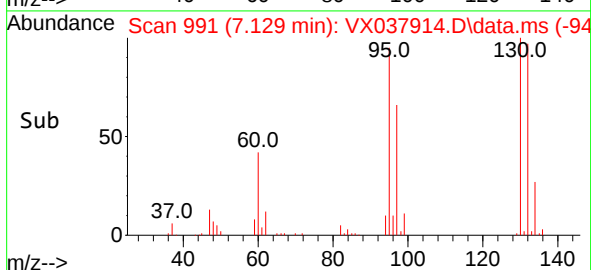
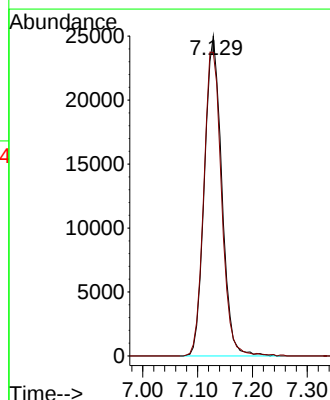
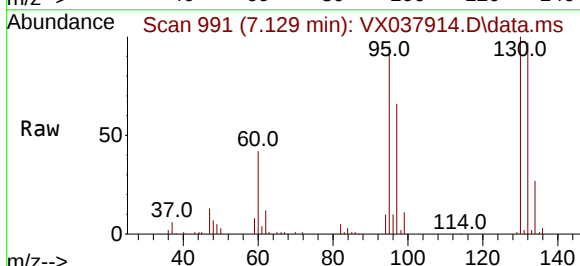
Delta R.T. -0.006 min

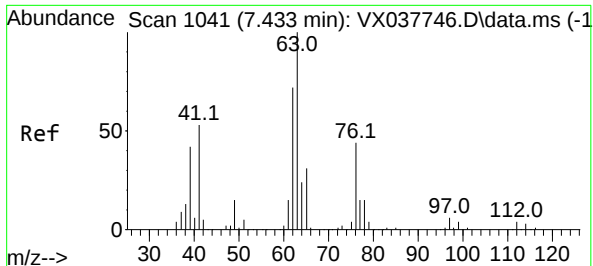
Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Tgt Ion:130 Resp: 54613

Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	204.4





#45

1,2-Dichloropropane

Concen: 18.673 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 63 Resp: 5282

Ion Ratio Lower Upper

63 100

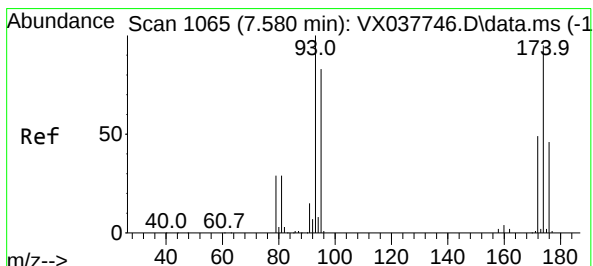
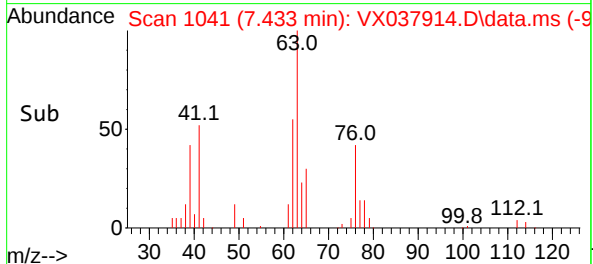
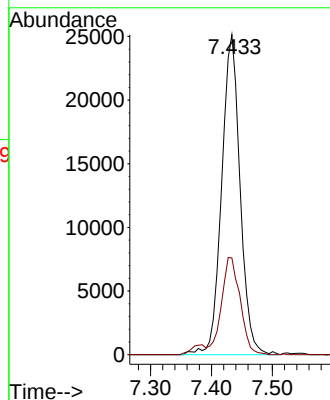
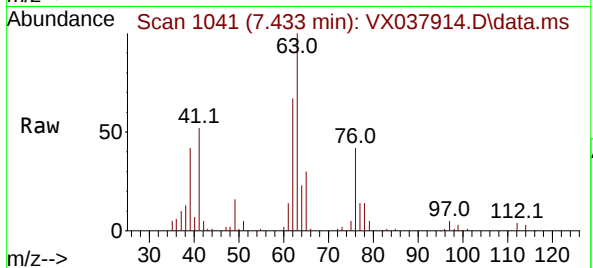
65 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#46

Dibromomethane

Concen: 19.206 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

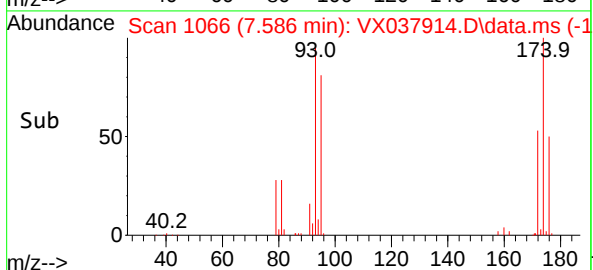
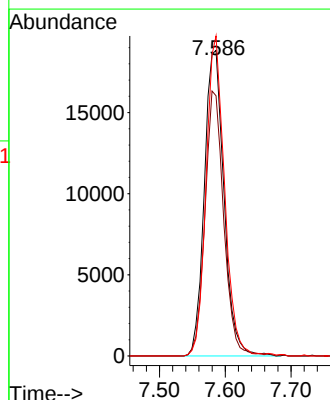
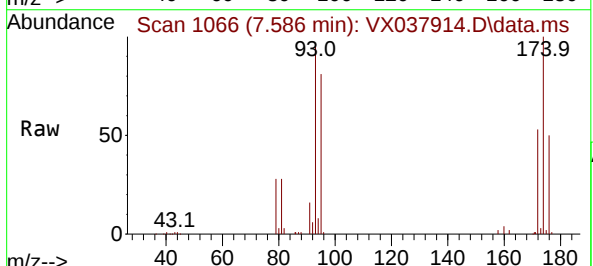
Tgt Ion: 93 Resp: 39084

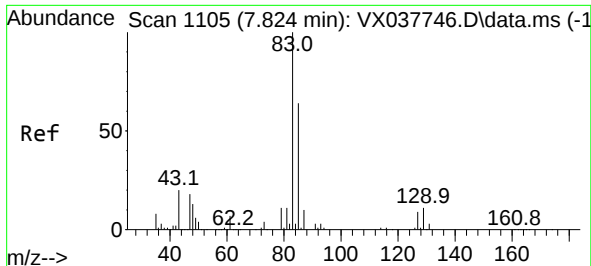
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 98.9 69.4 104.0





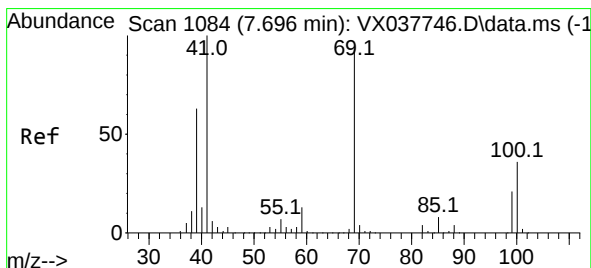
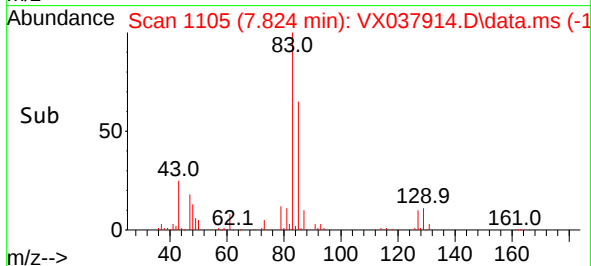
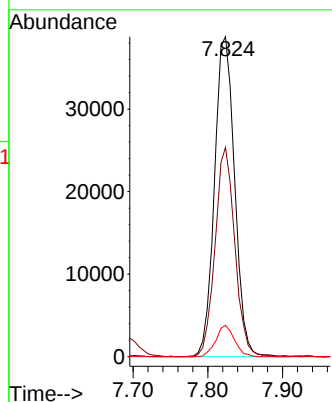
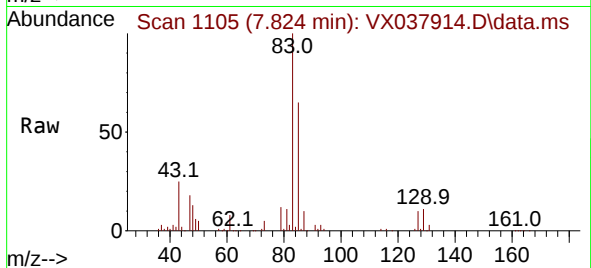
#47
Bromodichloromethane
Concen: 19.402 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion: 83 Resp: 72715
Ion Ratio Lower Upper
83 100
85 65.4 49.8 74.6
127 9.8 7.1 10.7

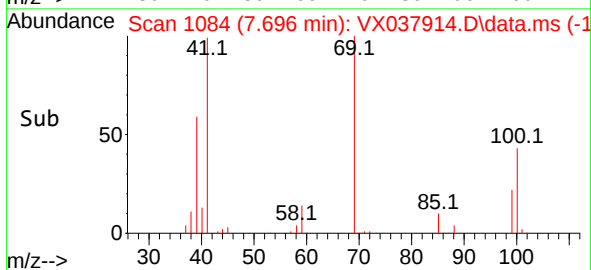
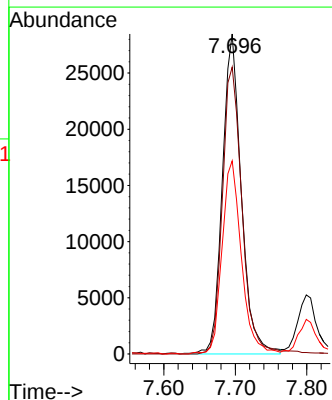
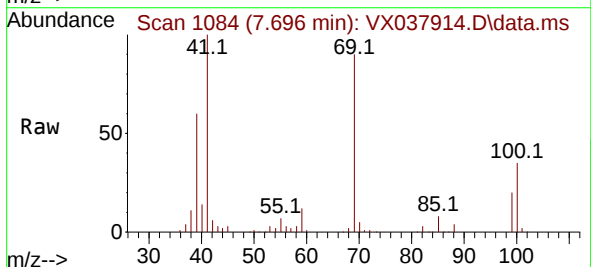
Manual Integrations
APPROVED

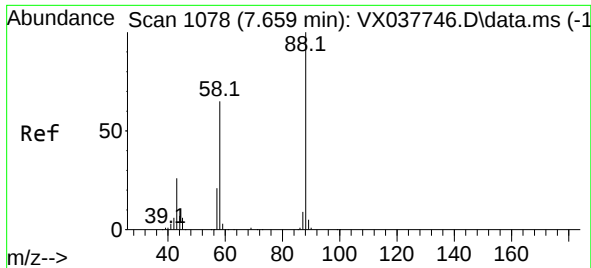
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#48
Methyl methacrylate
Concen: 17.580 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

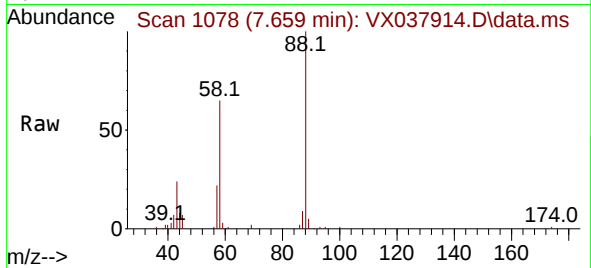
Tgt Ion: 41 Resp: 52331
Ion Ratio Lower Upper
41 100
69 93.4 59.2 88.8#
39 61.8 47.7 71.5





#49
1,4-Dioxane
Concen: 302.739 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

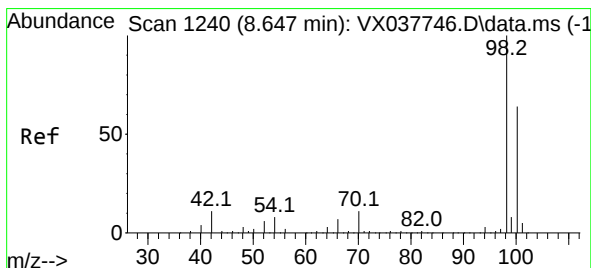
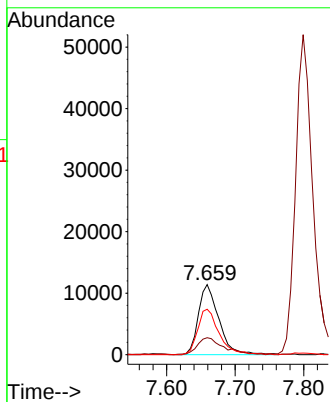
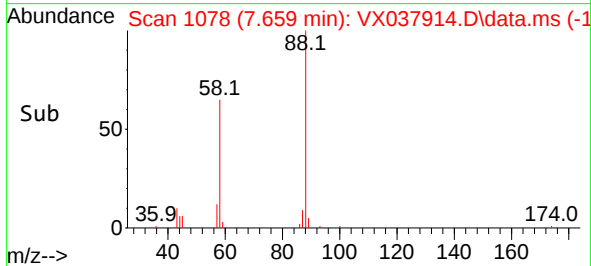
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion: 88 Resp: 23620
Ion Ratio Lower Upper
88 100
43 31.3 0.0 0.0
58 67.9 60.1 90.1

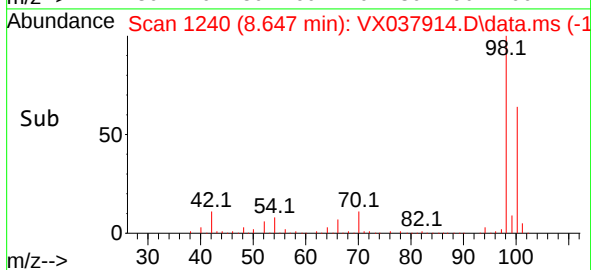
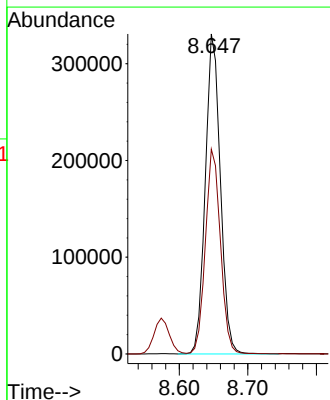
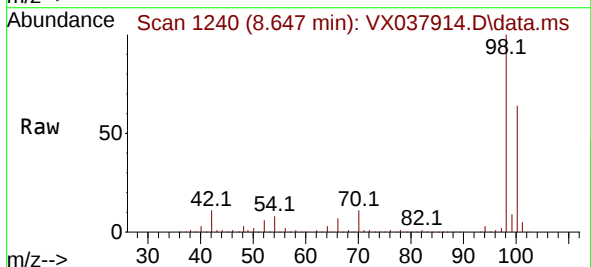
Manual Integrations
APPROVED

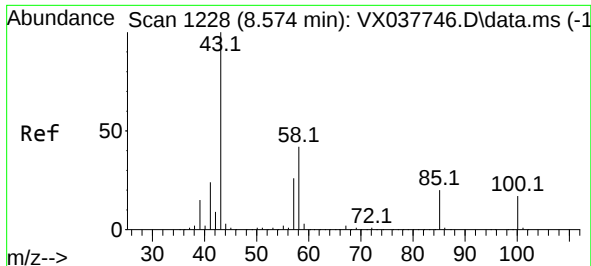
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#50
Toluene-d8
Concen: 52.987 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

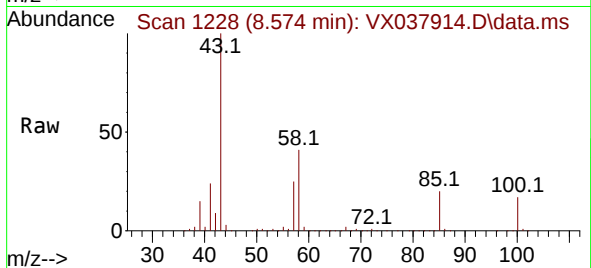
Tgt Ion: 98 Resp: 506276
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 87.642 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

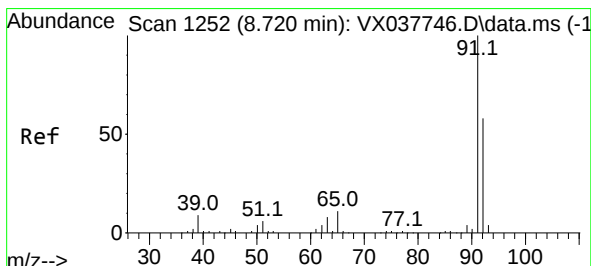
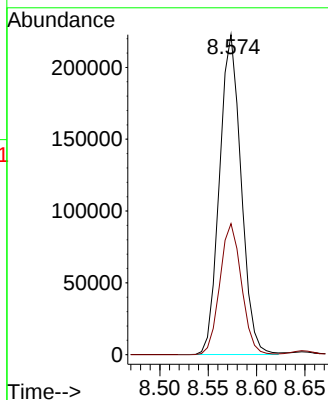
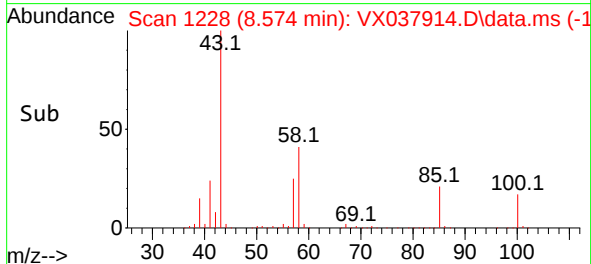
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



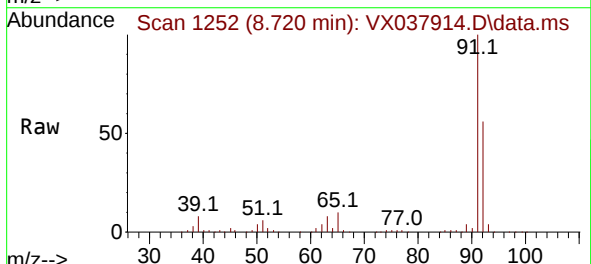
Tgt Ion: 43 Resp: 346250
Ion Ratio Lower Upper
43 100
58 41.0 30.4 45.6

Manual Integrations
APPROVED

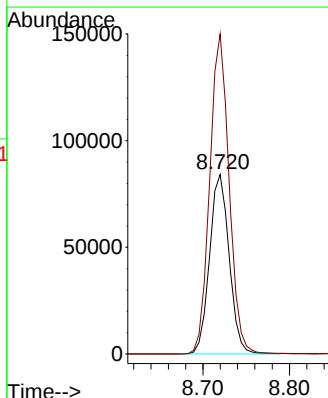
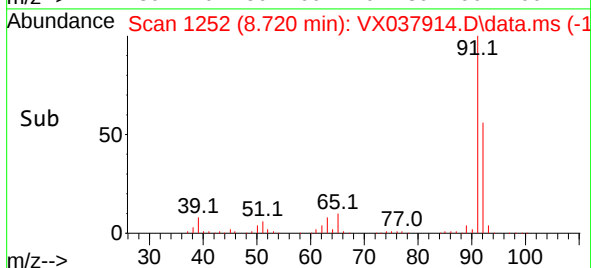
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

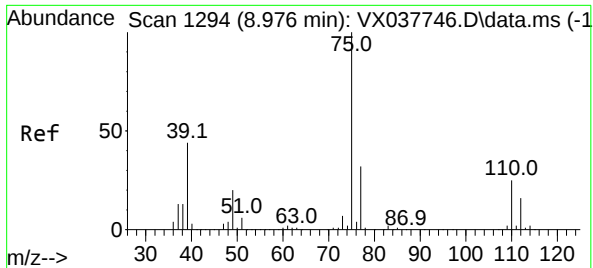


#52
Toluene
Concen: 18.827 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04



Tgt Ion: 92 Resp: 132173
Ion Ratio Lower Upper
92 100
91 176.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.146 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.012 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 75 Resp: 75029

Ion Ratio Lower Upper

75 100

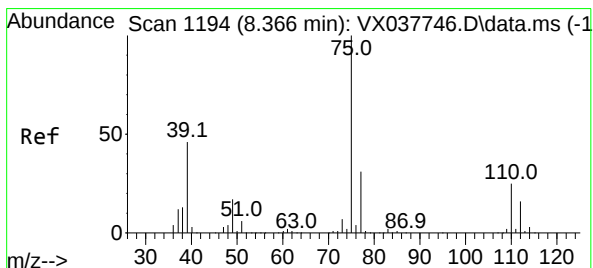
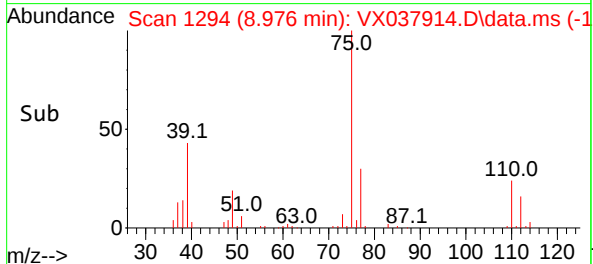
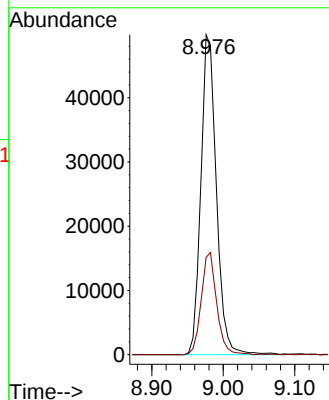
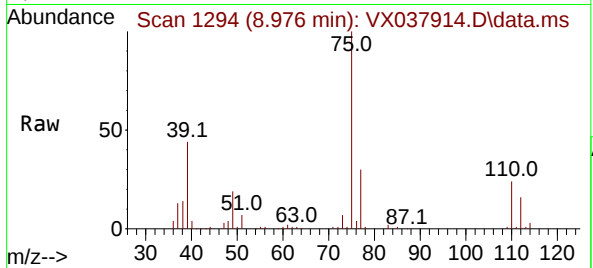
77 30.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#54

cis-1,3-Dichloropropene

Concen: 18.752 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

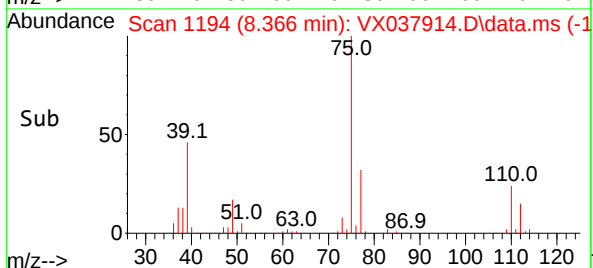
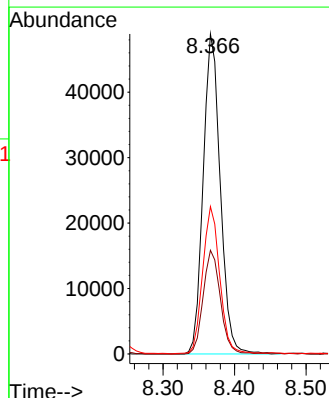
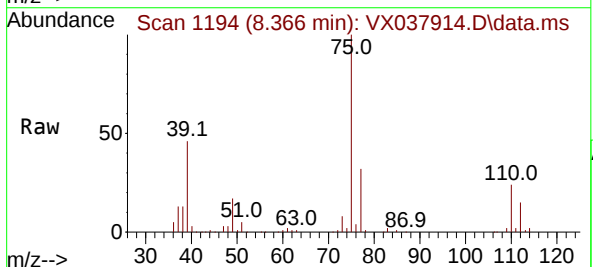
Tgt Ion: 75 Resp: 81328

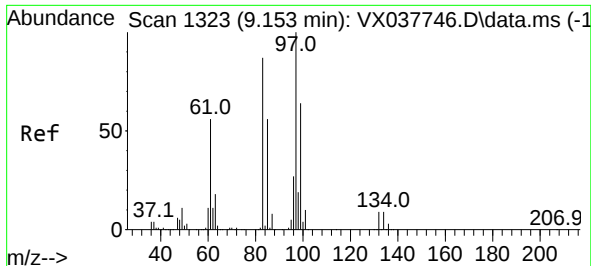
Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

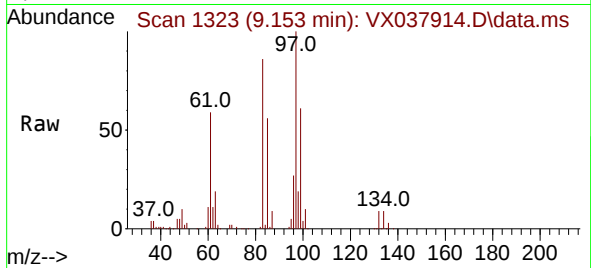
39 45.9 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 19.042 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

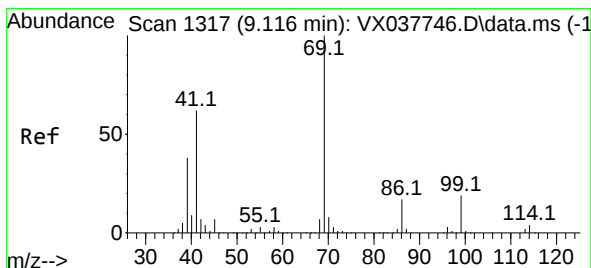
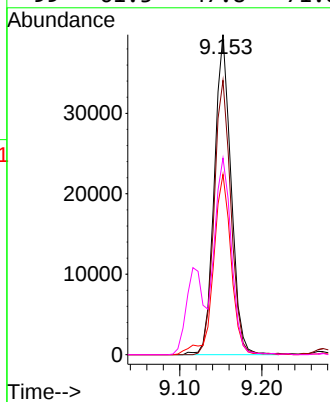
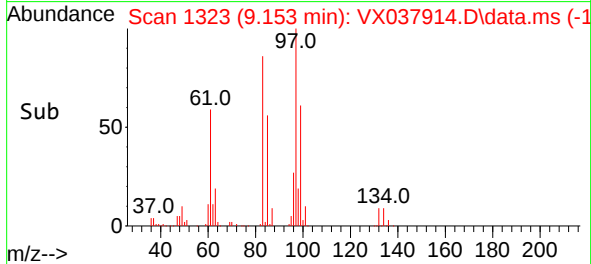
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	65.8	98.8
85	56.4	41.6	62.4
99	61.3	47.8	71.8

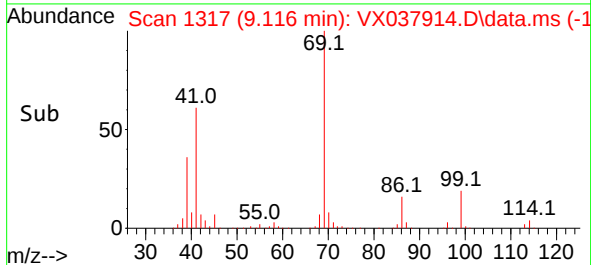
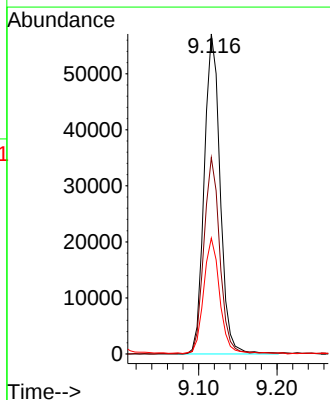
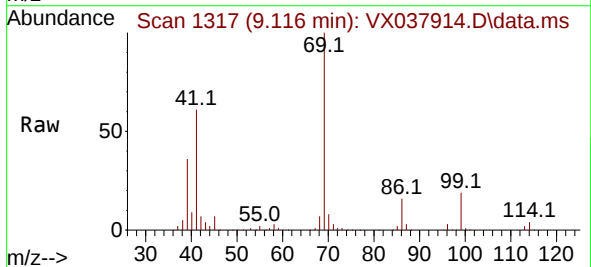
Manual Integrations
APPROVED

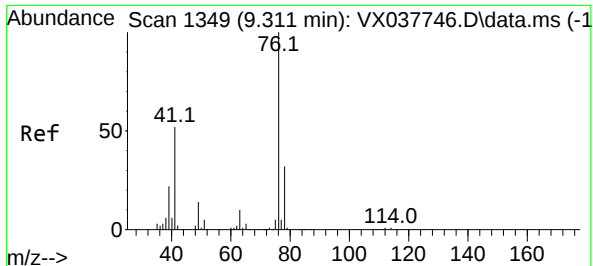
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#56
Ethyl methacrylate
Concen: 18.194 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.3	56.8	85.2
39	37.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.083 ug/l

RT: 9.311 min Scan# 1140

Delta R.T. 0.006 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 76 Resp: 9140

Ion Ratio Lower Upper

76 100

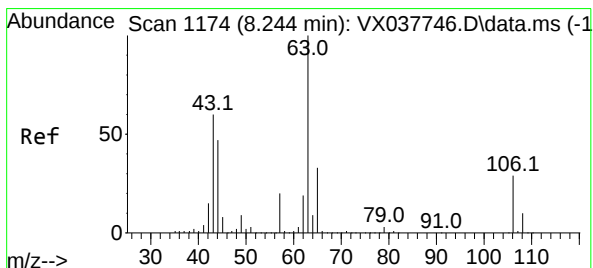
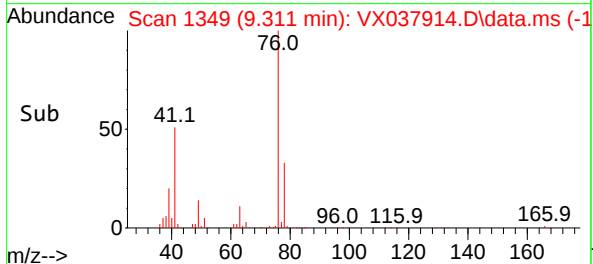
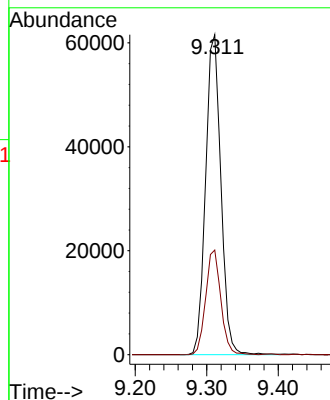
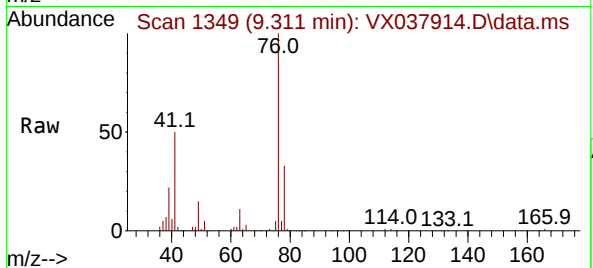
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 84.892 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037914.D

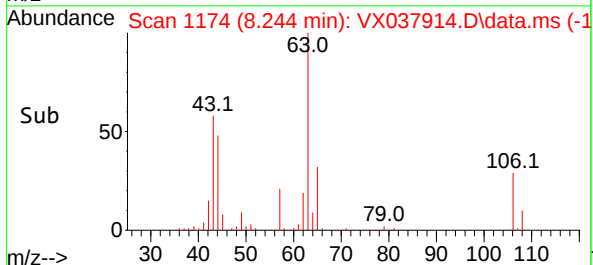
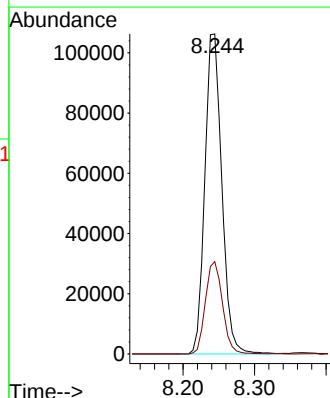
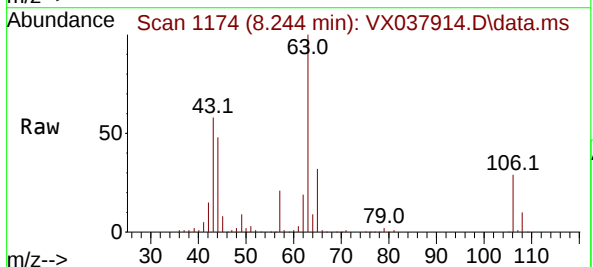
Acq: 27 Sep 2023 11:04

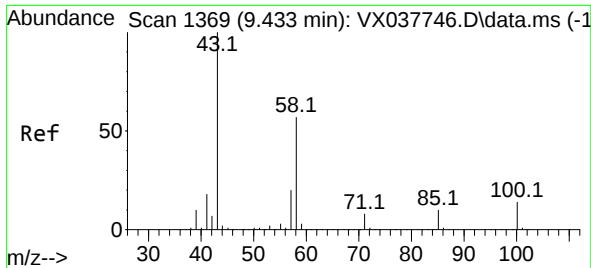
Tgt Ion: 63 Resp: 175162

Ion Ratio Lower Upper

63 100

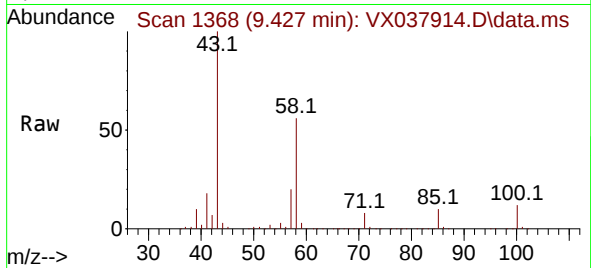
106 29.1 22.5 33.7





#59
2-Hexanone
Concen: 85.703 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

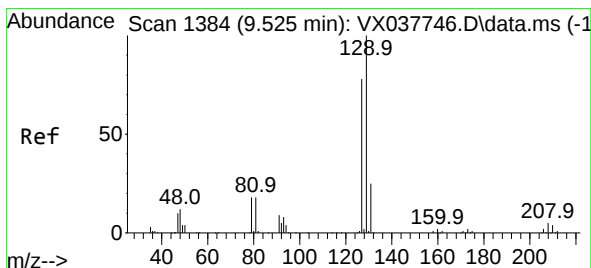
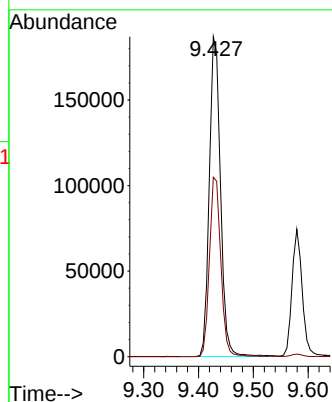
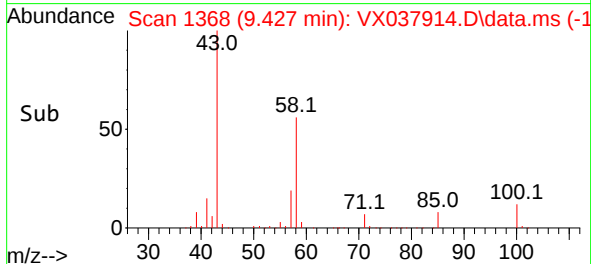
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion: 43 Resp: 26363
Ion Ratio Lower Upper
43 100
58 57.1 26.2 78.5

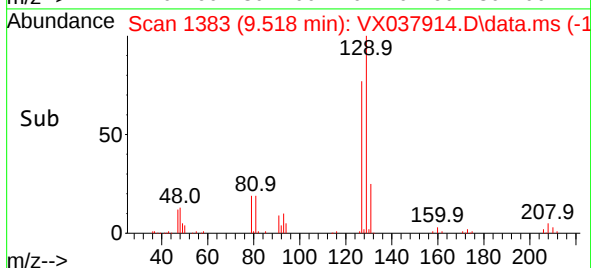
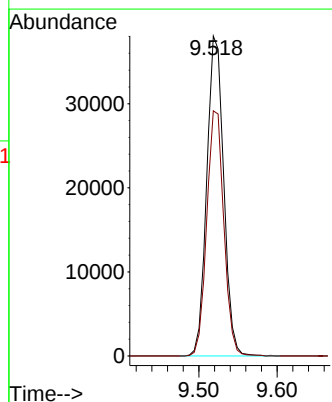
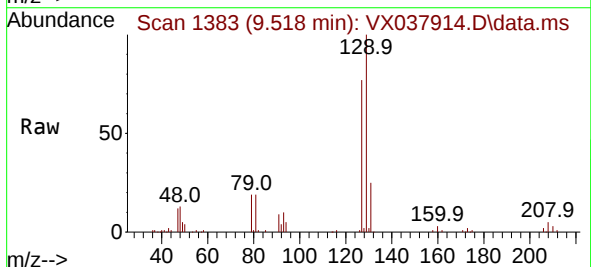
Manual Integrations
APPROVED

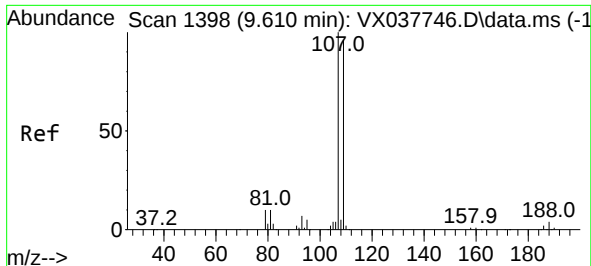
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#60
Dibromochloromethane
Concen: 19.346 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

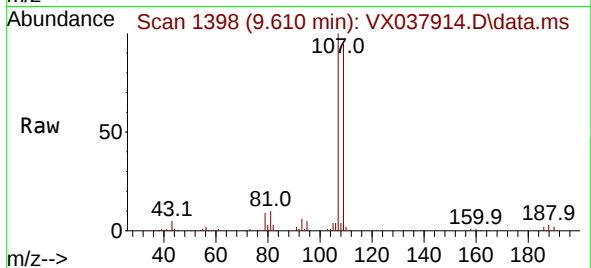
Tgt Ion:129 Resp: 57043
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.843 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

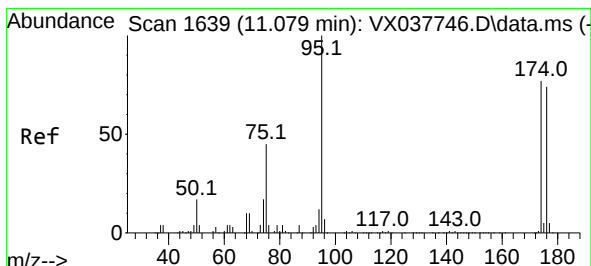
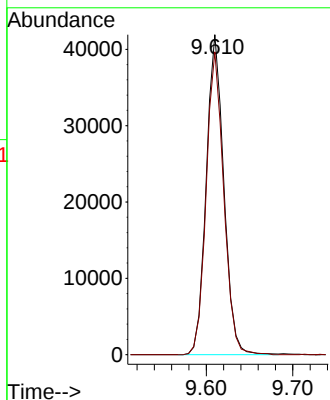
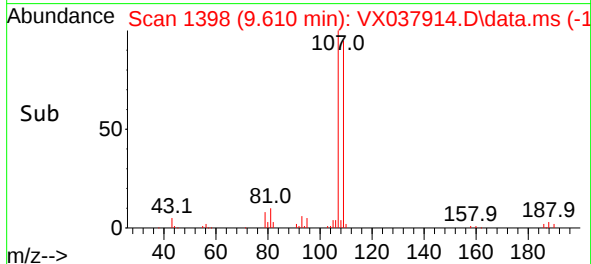
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



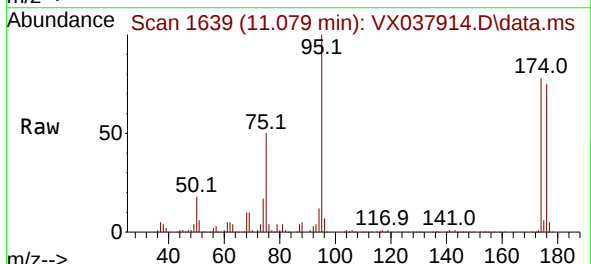
Tgt Ion:107 Resp: 59052
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8

Manual Integrations
APPROVED

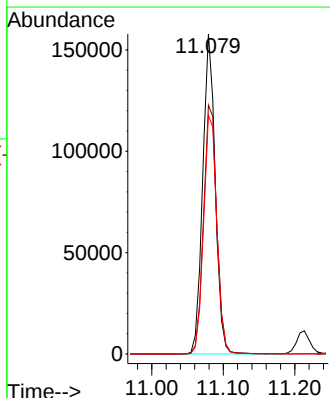
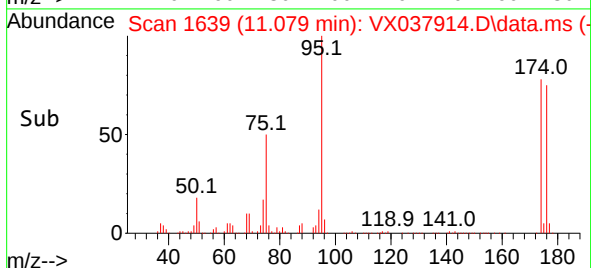
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

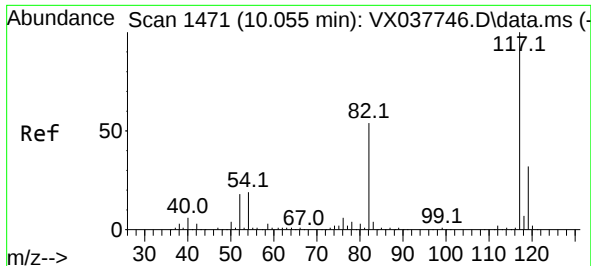


#62
4-Bromofluorobenzene
Concen: 55.262 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04



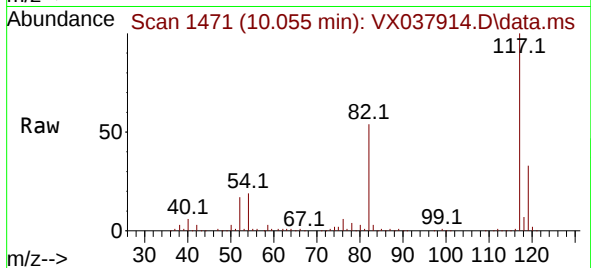
Tgt Ion: 95 Resp: 191870
Ion Ratio Lower Upper
95 100
174 82.5 0.0 135.6
176 79.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

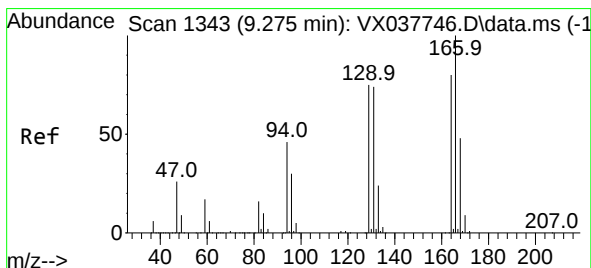
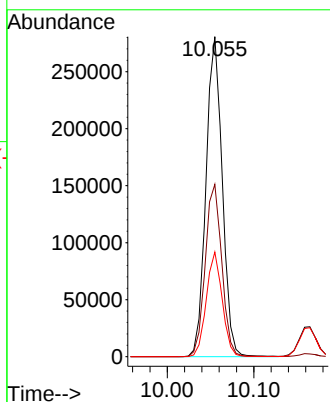
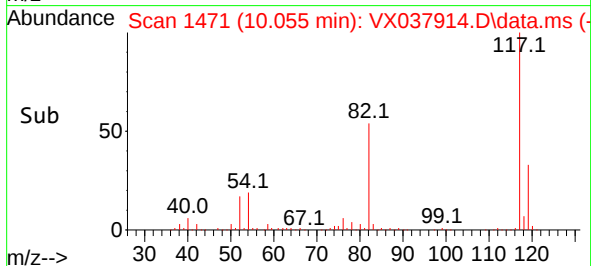
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion:117 Resp: 36665
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.7 25.5 38.3

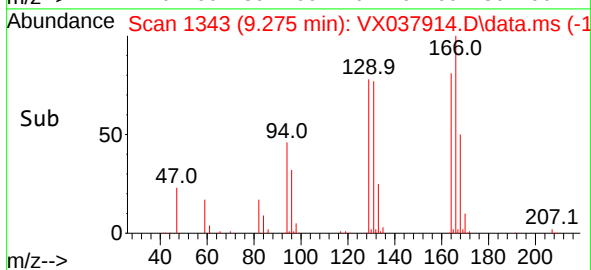
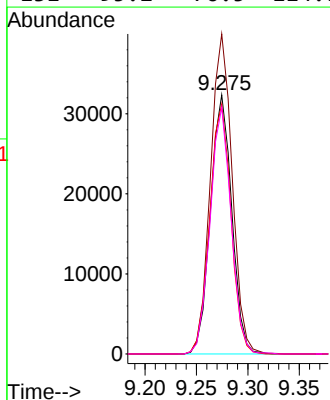
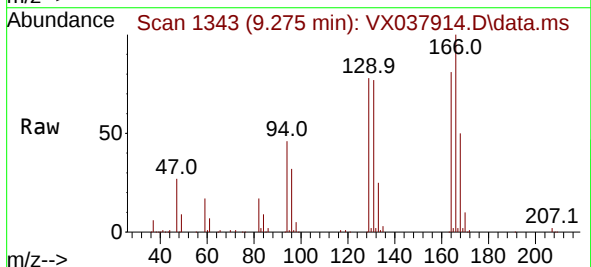
Manual Integrations
APPROVED

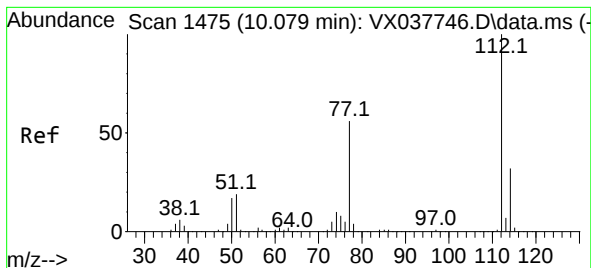
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#64
Tetrachloroethene
Concen: 18.616 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

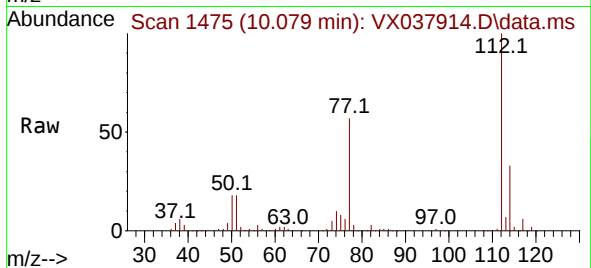
Tgt Ion:164 Resp: 46549
Ion Ratio Lower Upper
164 100
166 123.5 102.7 154.1
129 96.5 80.4 120.6
131 95.2 76.5 114.7





#65
Chlorobenzene
Concen: 18.604 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

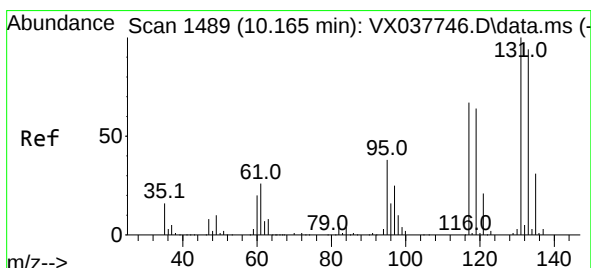
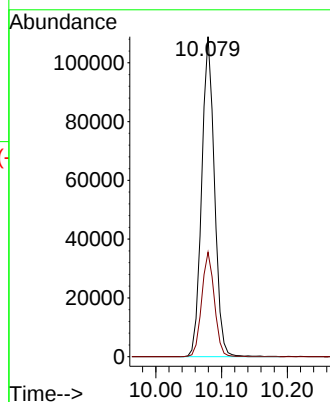
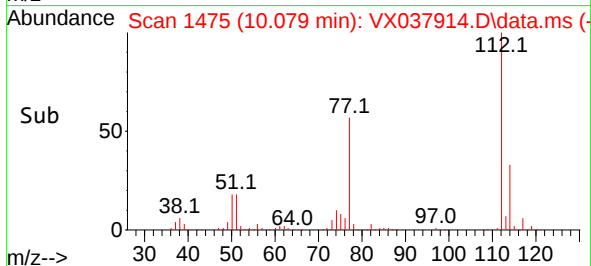
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



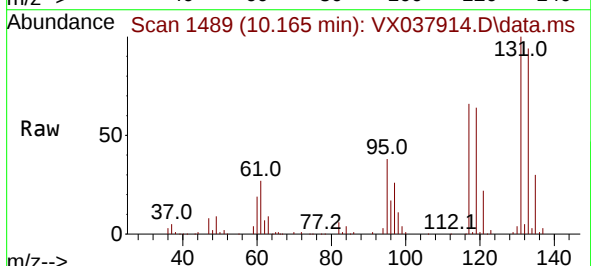
Tgt Ion:112 Resp: 14713
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

Manual Integrations
APPROVED

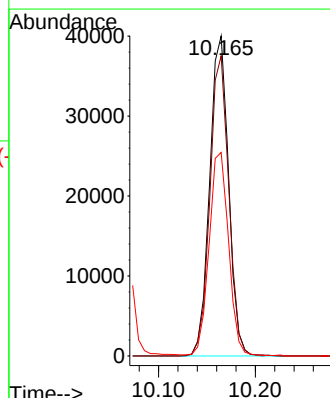
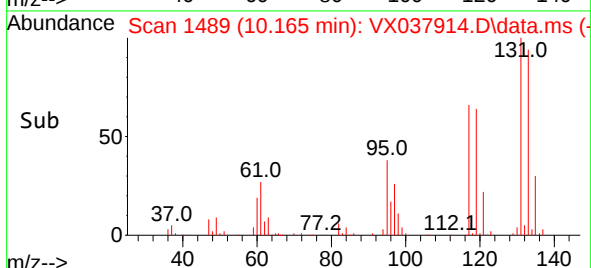
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

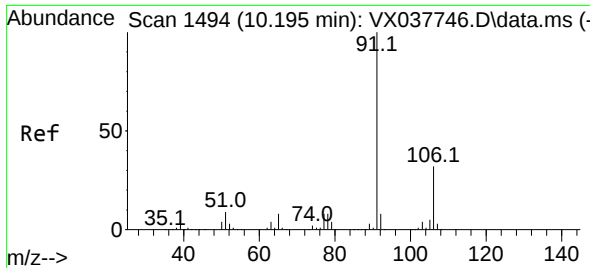


#66
1,1,1,2-Tetrachloroethane
Concen: 19.372 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04



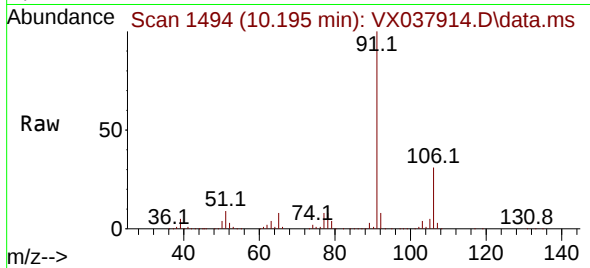
Tgt Ion:131 Resp: 54295
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.4
119 65.5 32.2 96.6





#67
Ethyl Benzene
Concen: 18.676 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

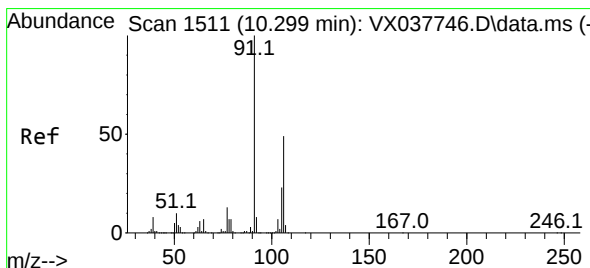
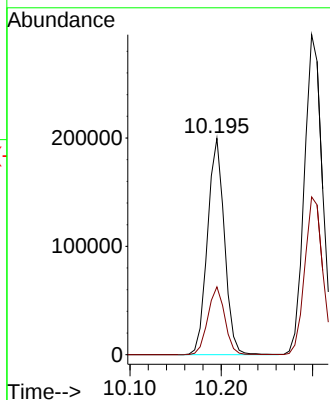
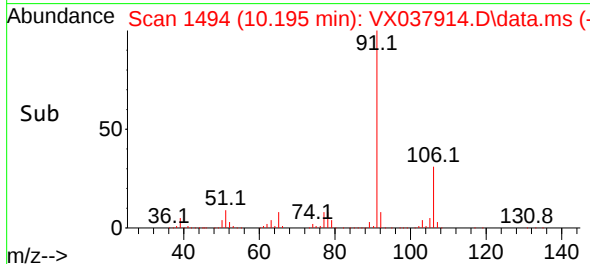
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



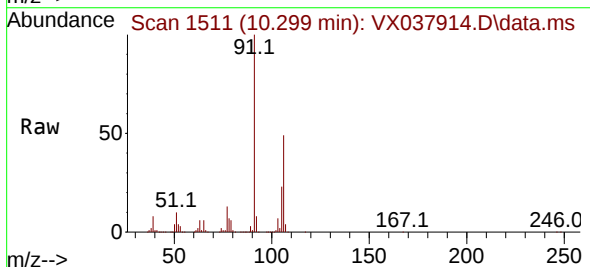
Tgt Ion: 91 Resp: 256080
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

Manual Integrations
APPROVED

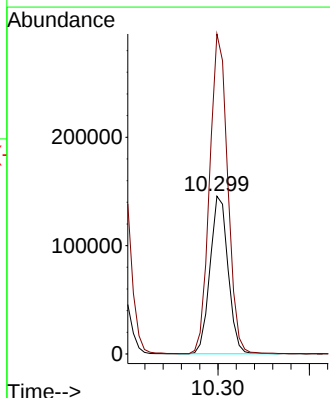
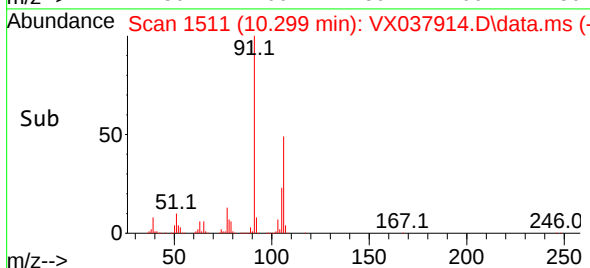
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

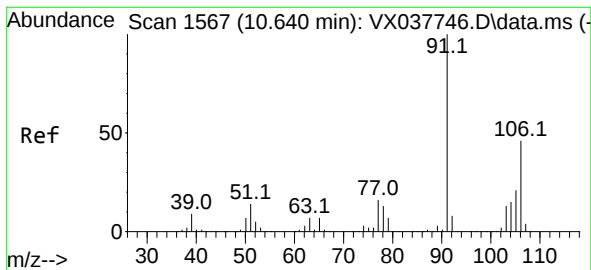


#68
m/p-Xylenes
Concen: 37.588 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04



Tgt Ion:106 Resp: 199161
Ion Ratio Lower Upper
106 100
91 203.3 165.5 248.3





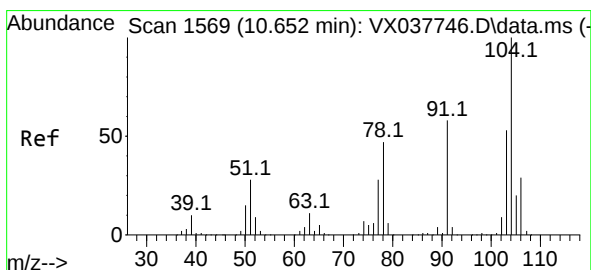
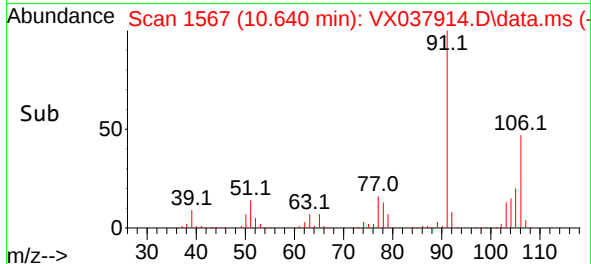
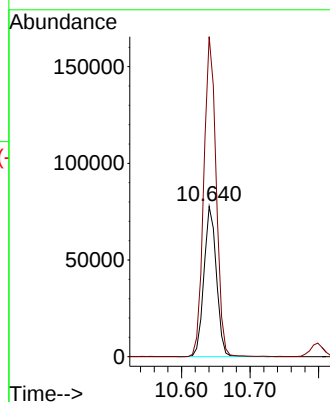
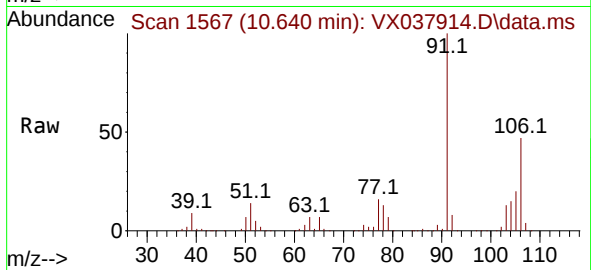
#69
o-Xylene
Concen: 18.546 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion:106 Resp: 9853
Ion Ratio Lower Upper
106 100
91 211.9 108.9 326.8

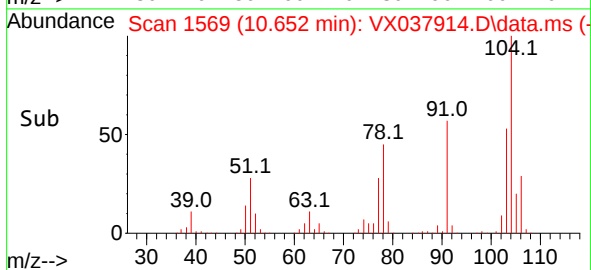
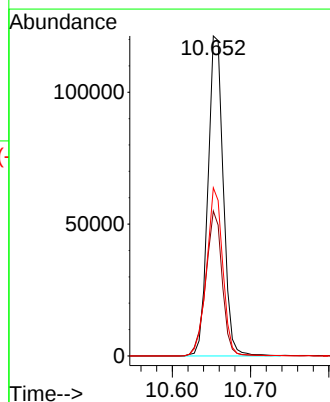
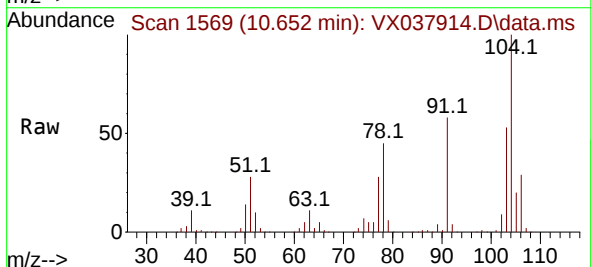
Manual Integrations
APPROVED

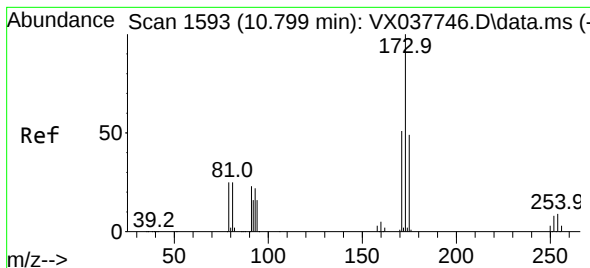
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#70
Styrene
Concen: 19.319 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion:104 Resp: 164791
Ion Ratio Lower Upper
104 100
78 48.6 43.6 65.4
103 55.4 43.6 65.4





#71

Bromoform

Concen: 18.396 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion:173 Resp: 40730

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

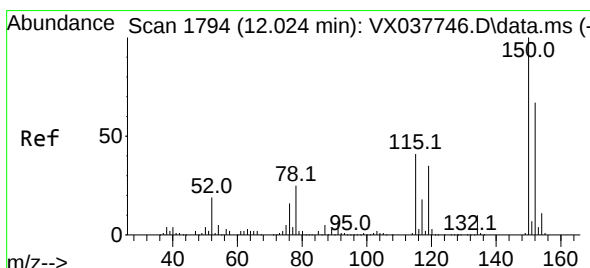
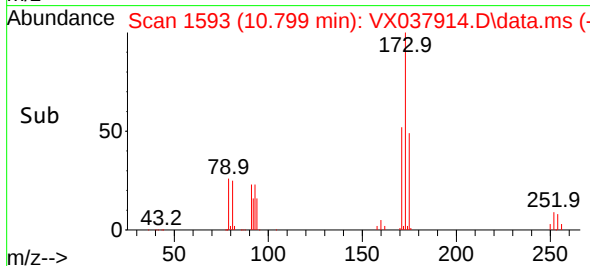
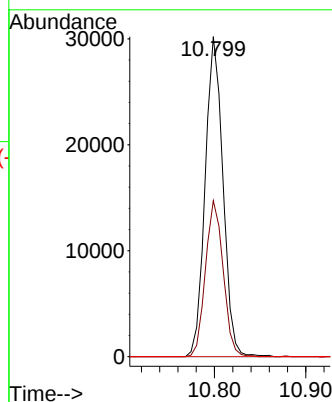
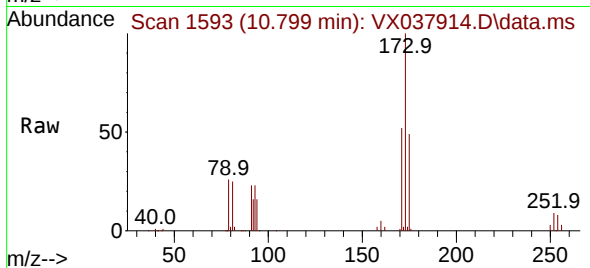
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

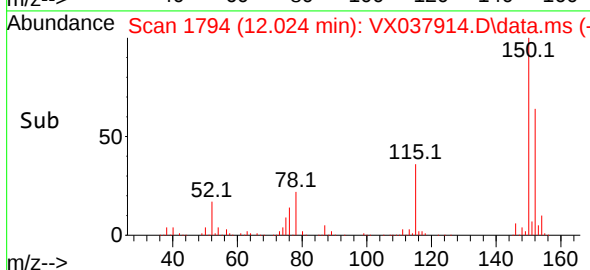
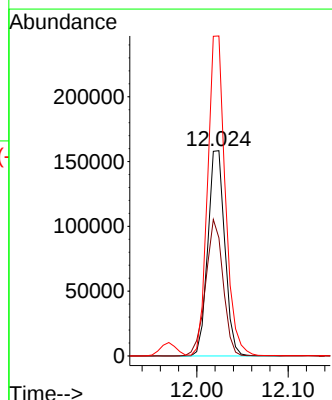
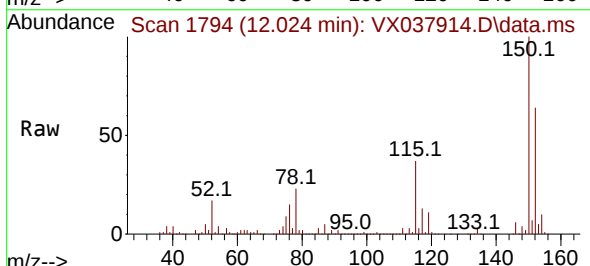
Tgt Ion:152 Resp: 203490

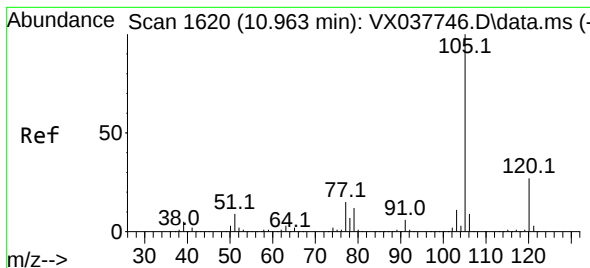
Ion Ratio Lower Upper

152 100

115 68.3 43.3 129.9

150 162.7 0.0 345.0





#73

Isopropylbenzene

Concen: 17.516 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion:105 Resp: 26150

Ion Ratio Lower Upper

105 100

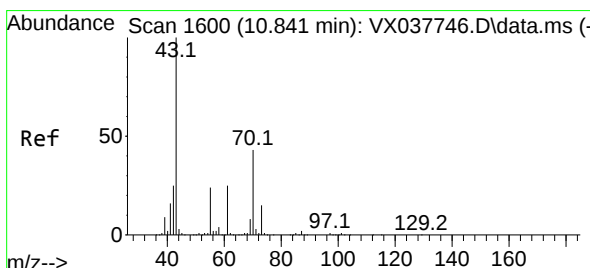
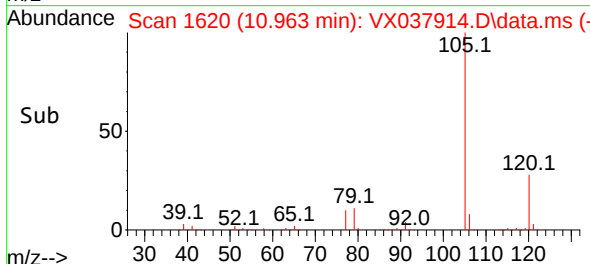
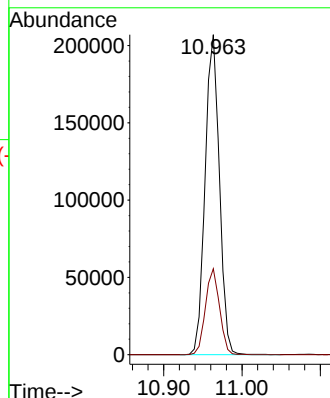
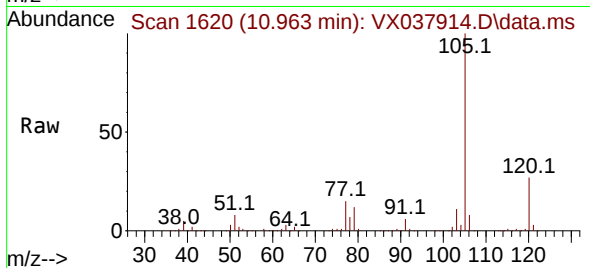
120 26.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#74

N-ethyl acetate

Concen: 16.118 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Tgt Ion: 43 Resp: 97448

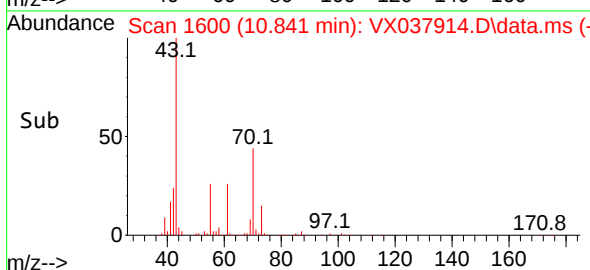
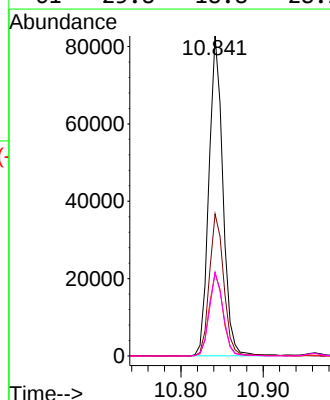
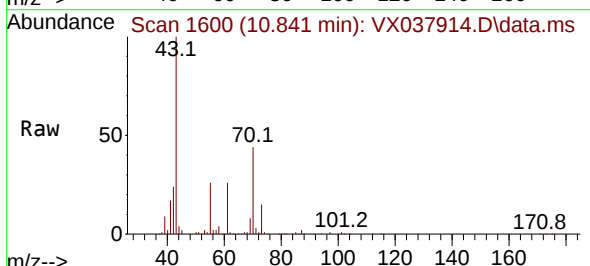
Ion Ratio Lower Upper

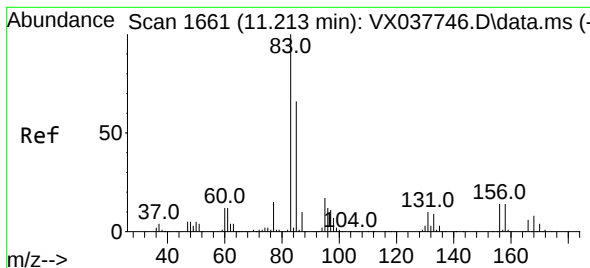
43 100

70 45.8 32.9 49.3

55 26.3 19.3 28.9

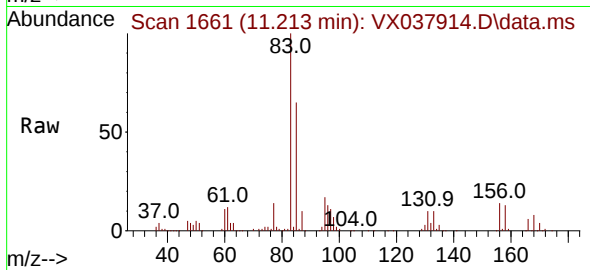
61 25.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.335 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

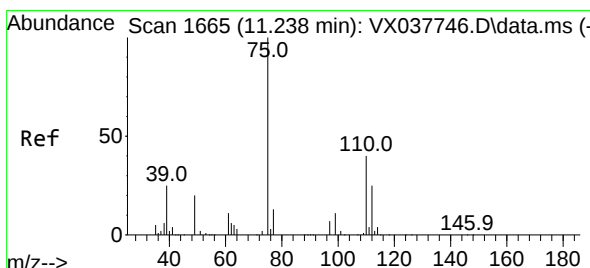
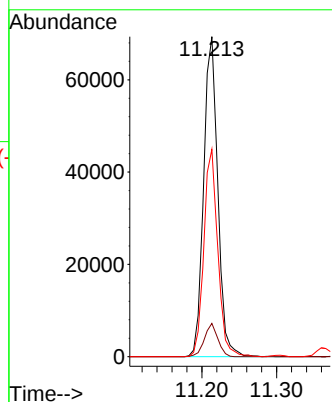
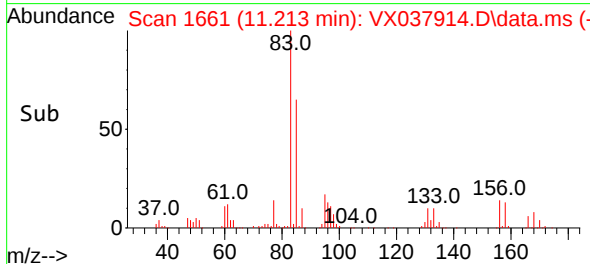
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion: 83 Resp: 91014
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.1 32.0 96.2

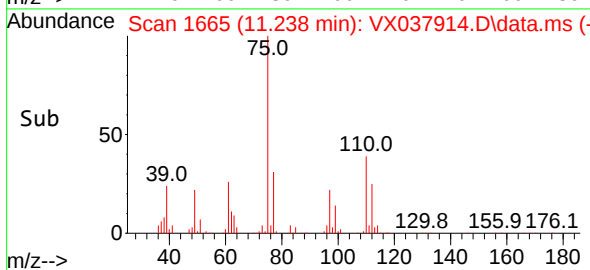
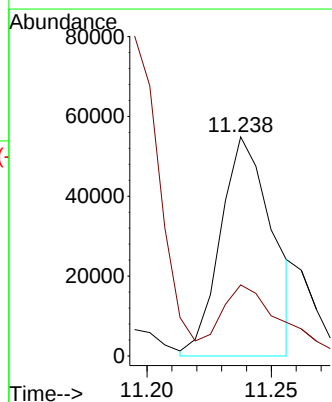
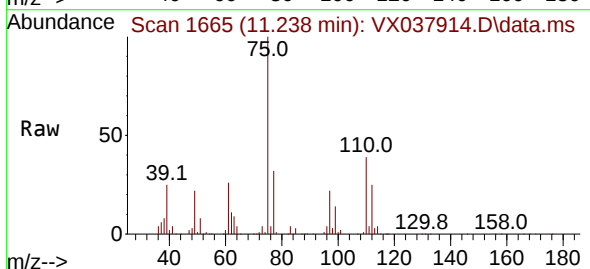
Manual Integrations
APPROVED

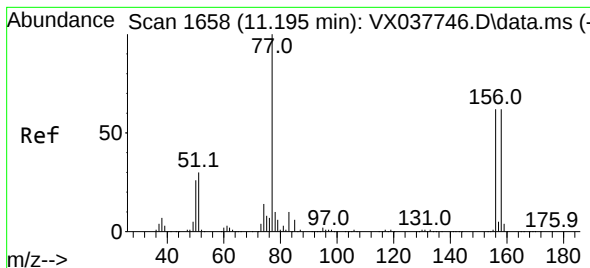
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#76
1,2,3-Trichloropropane
Concen: 16.832 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion: 75 Resp: 79218
Ion Ratio Lower Upper
75 100
77 38.1 19.1 57.5





#77

Bromobenzene

Concen: 17.876 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

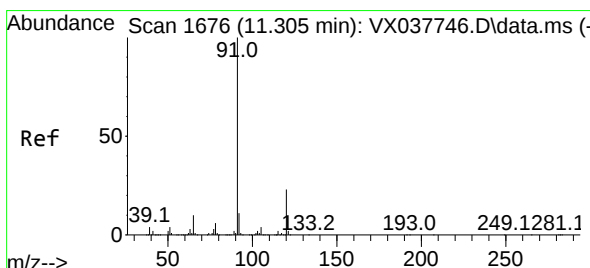
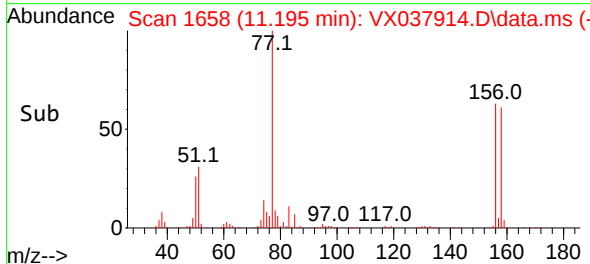
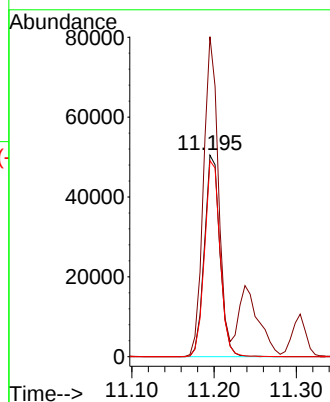
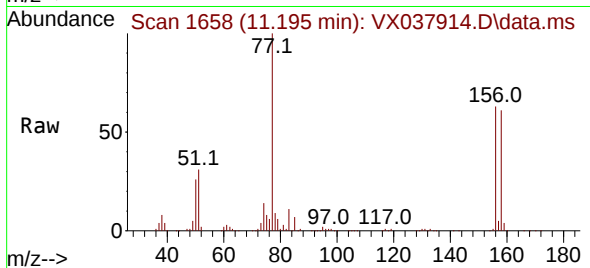
Tgt Ion:	156	Resp:	66054
Ion Ratio	Lower	Upper	
156	100		
77	152.3	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#78

n-propylbenzene

Concen: 18.410 ug/l

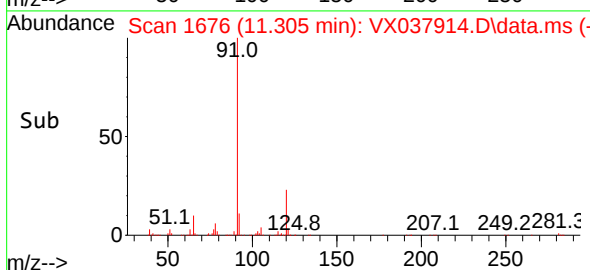
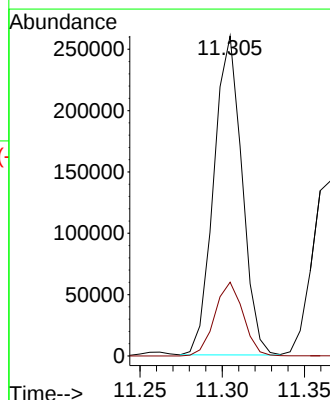
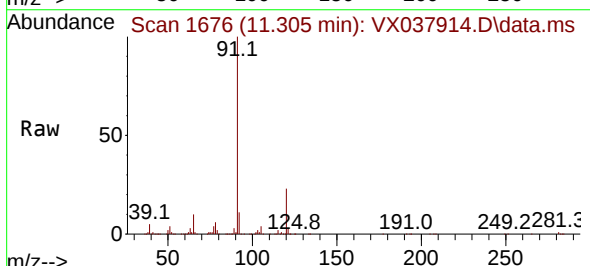
RT: 11.305 min Scan# 1676

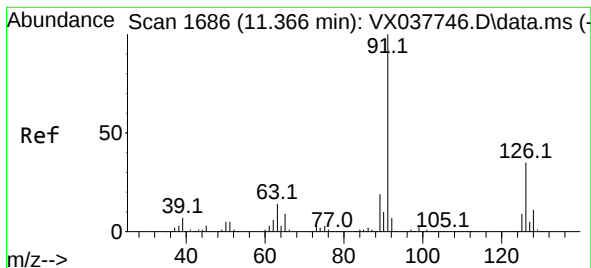
Delta R.T. -0.000 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Tgt Ion:	91	Resp:	310400
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





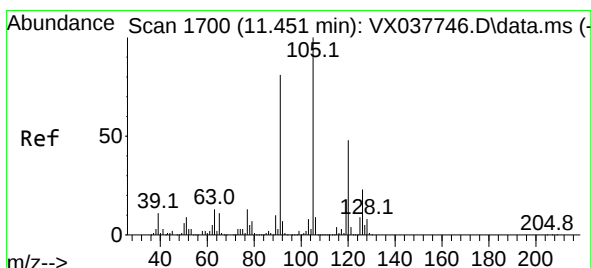
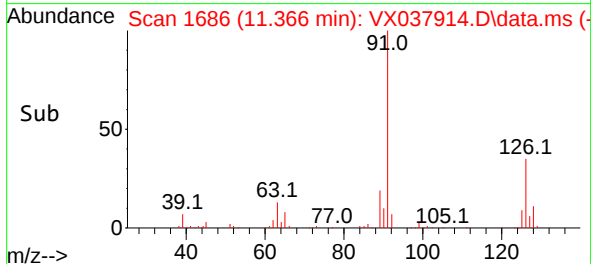
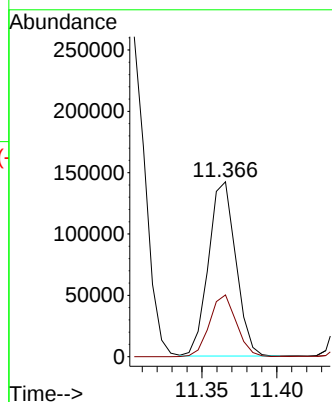
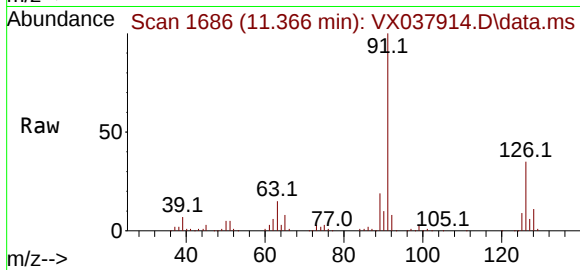
#79
2-Chlorotoluene
Concen: 17.396 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion: 91 Resp: 18084
Ion Ratio Lower Upper
91 100
126 34.9 16.3 48.8

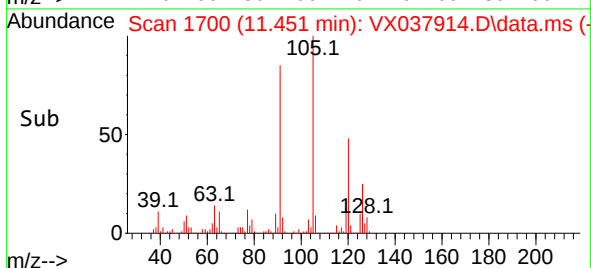
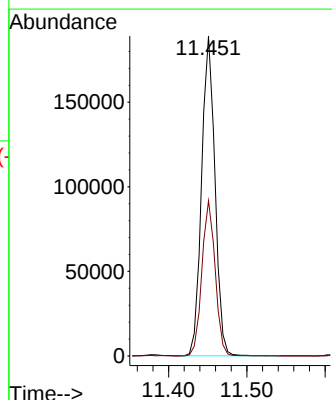
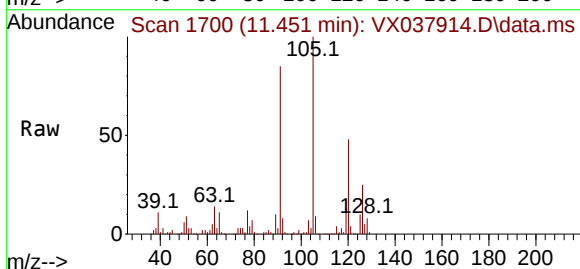
Manual Integrations
APPROVED

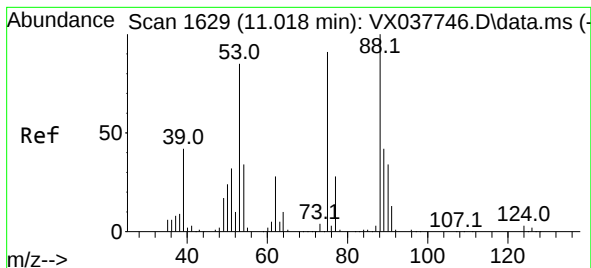
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.781 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

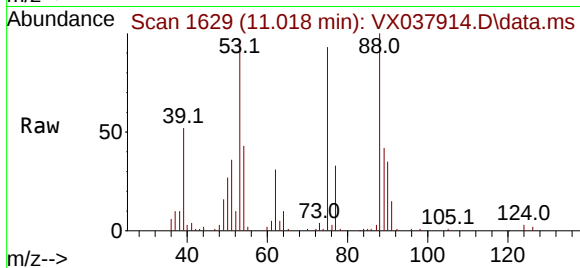
Tgt Ion:105 Resp: 224173
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 15.526 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

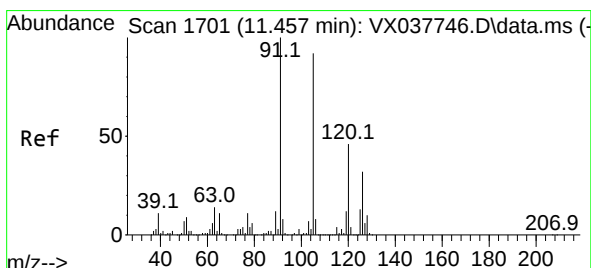
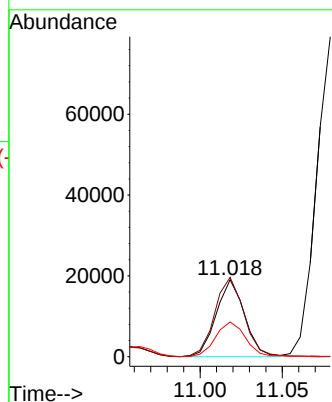
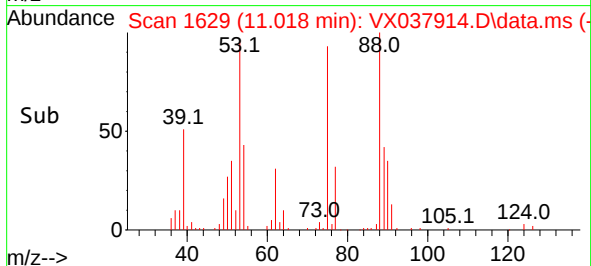
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion: 75 Resp: 2281
Ion Ratio Lower Upper
75 100
53 106.7 90.5 135.7
89 47.6 36.9 55.3

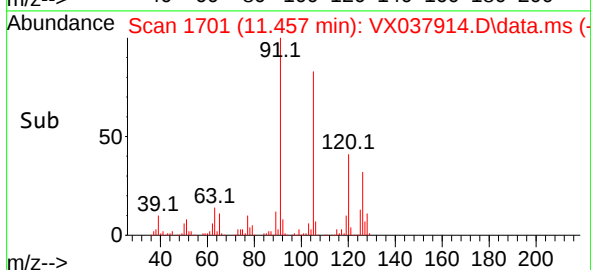
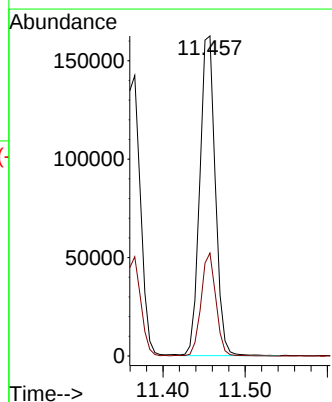
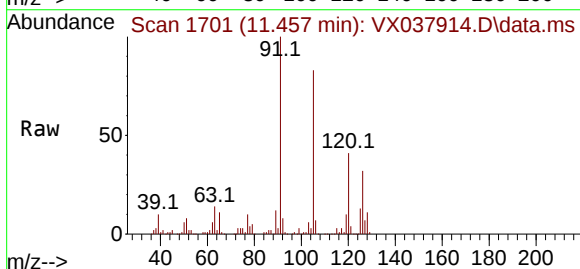
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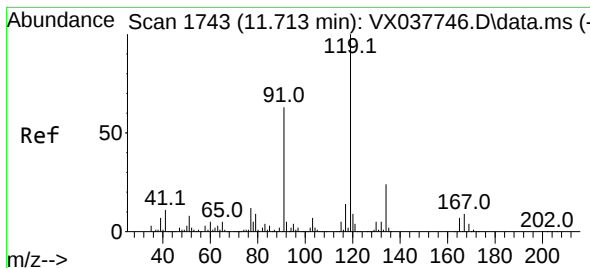
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#82
4-Chlorotoluene
Concen: 18.182 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion: 91 Resp: 212795
Ion Ratio Lower Upper
91 100
126 30.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 17.392 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion:119 Resp: 221610

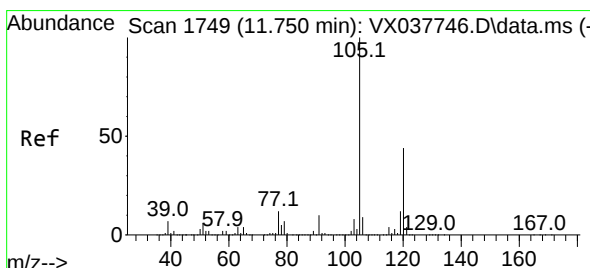
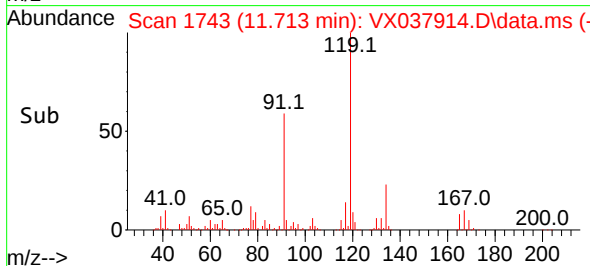
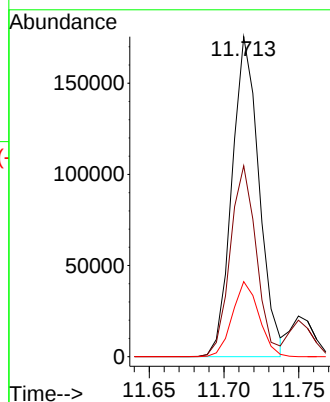
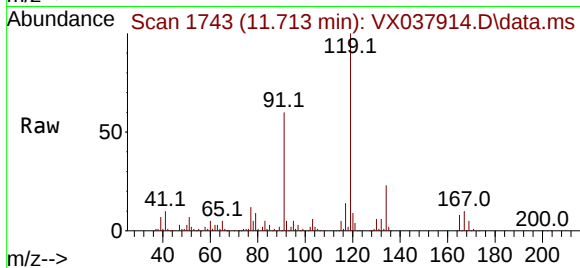
Ion	Ratio	Lower	Upper
119	100		
91	57.6	31.2	93.6
134	23.0	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#84

1,2,4-Trimethylbenzene

Concen: 17.689 ug/l

RT: 11.750 min Scan# 1749

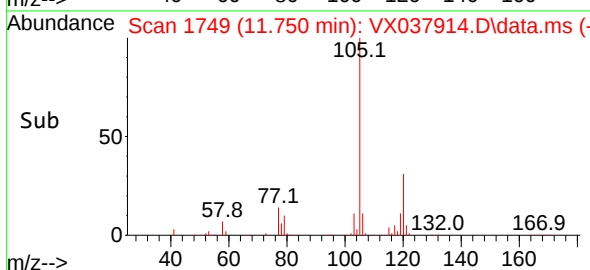
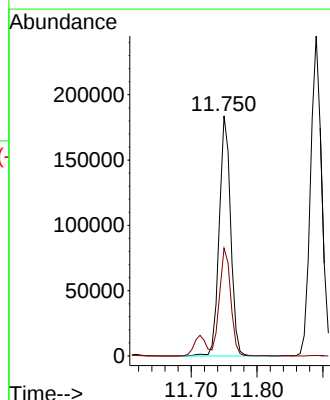
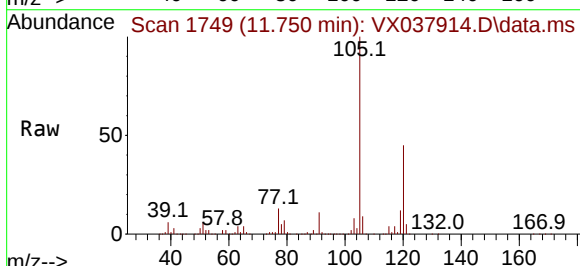
Delta R.T. -0.006 min

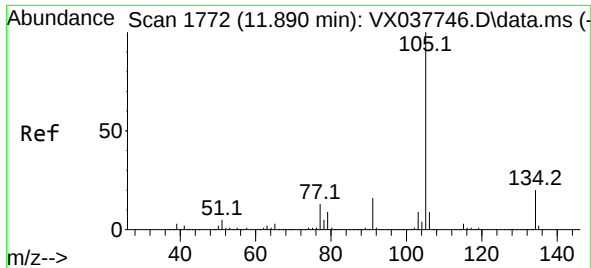
Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Tgt Ion:105 Resp: 221884

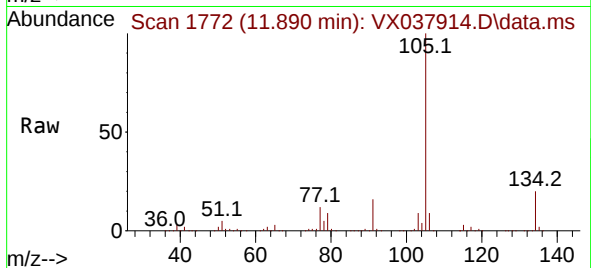
Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 18.581 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037914.D
 Acq: 27 Sep 2023 11:04

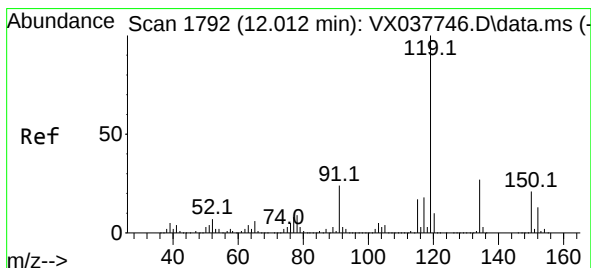
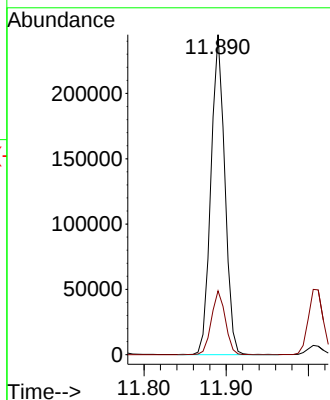
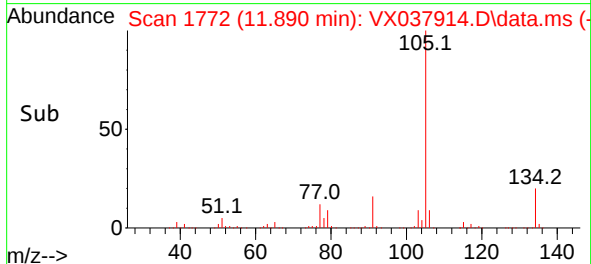
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01



Tgt Ion:105 Resp: 287240
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

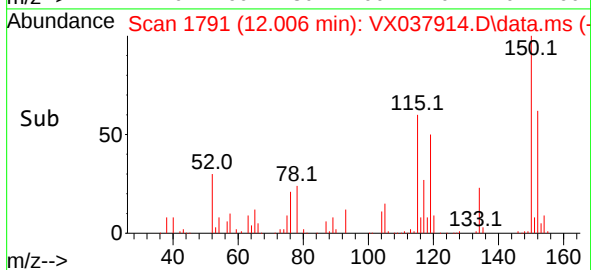
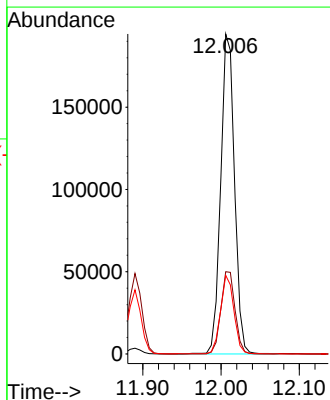
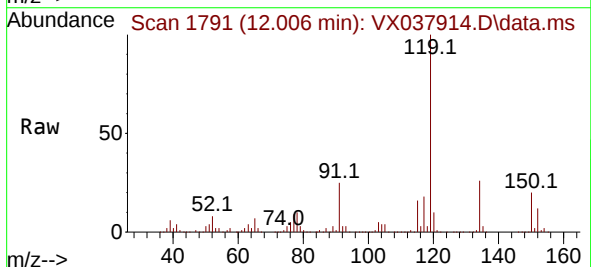
Manual Integrations
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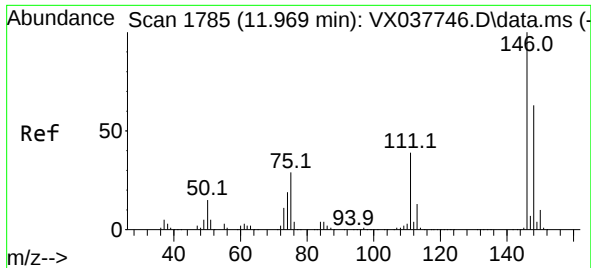
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#86
 p-Isopropyltoluene
 Concen: 18.561 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037914.D
 Acq: 27 Sep 2023 11:04

Tgt Ion:119 Resp: 239059
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 23.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.739 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion:146 Resp: 129074

Ion Ratio Lower Upper

146 100

111 40.2 22.1 66.1

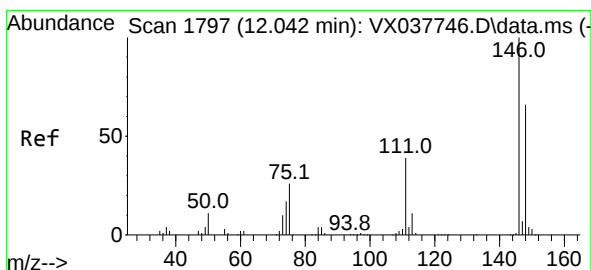
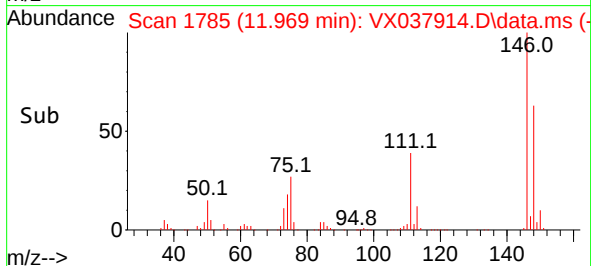
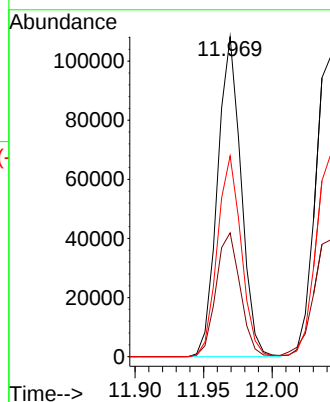
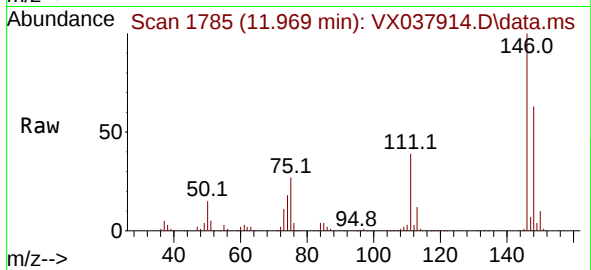
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#88

1,4-Dichlorobenzene

Concen: 18.452 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

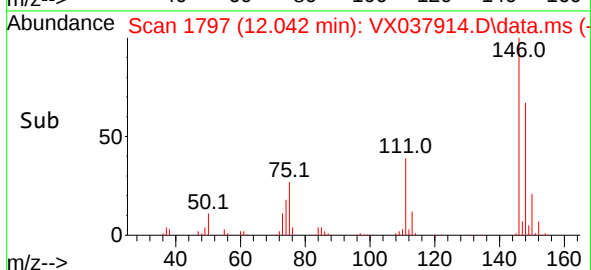
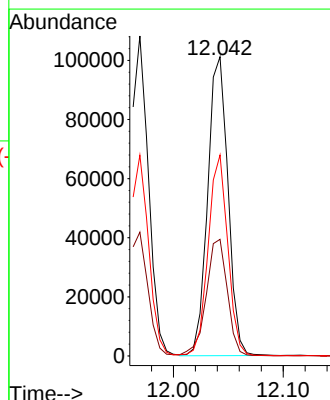
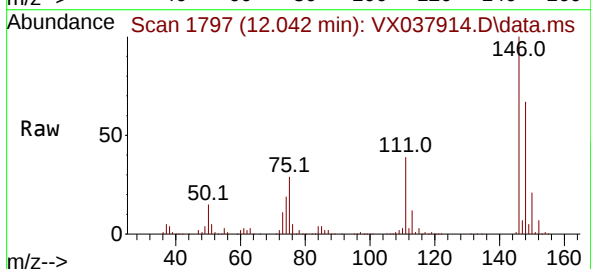
Tgt Ion:146 Resp: 130056

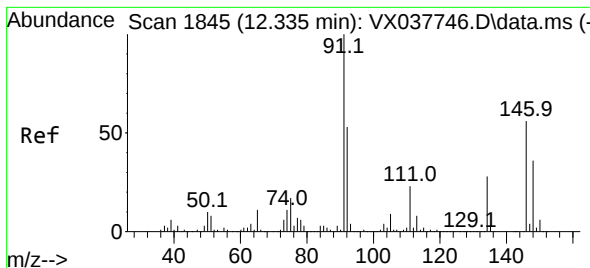
Ion Ratio Lower Upper

146 100

111 40.6 21.3 63.7

148 65.1 31.8 95.4





#89

n-Butylbenzene

Concen: 19.941 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 91 Resp: 22499

Ion Ratio Lower Upper

91 100

92 51.1 27.4 82.0

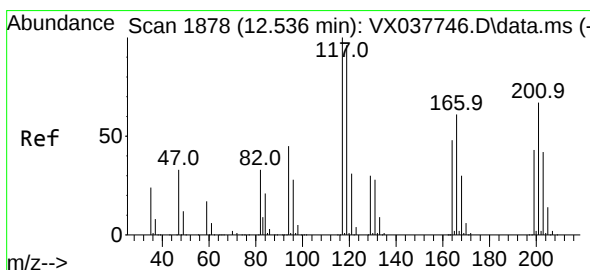
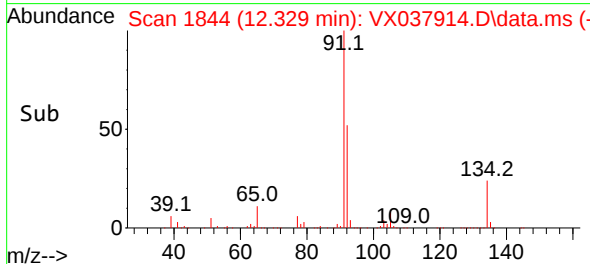
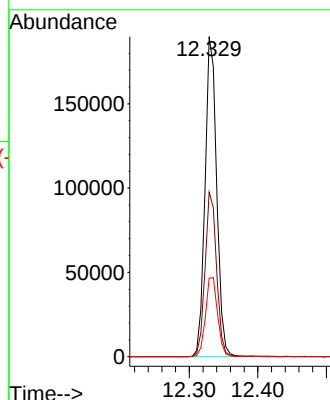
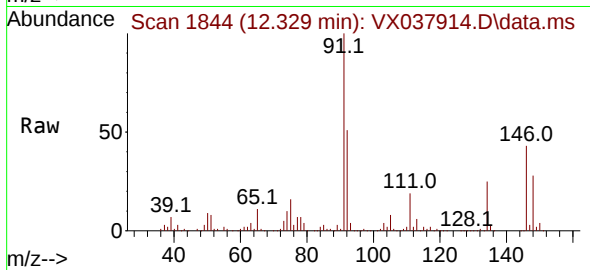
134 25.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#90

Hexachloroethane

Concen: 17.584 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037914.D

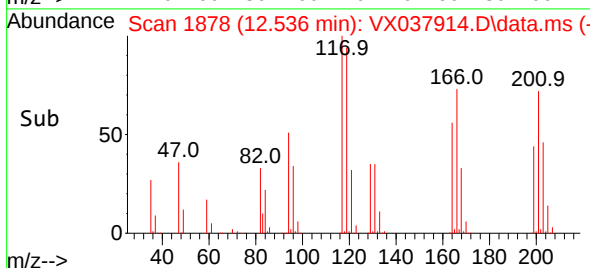
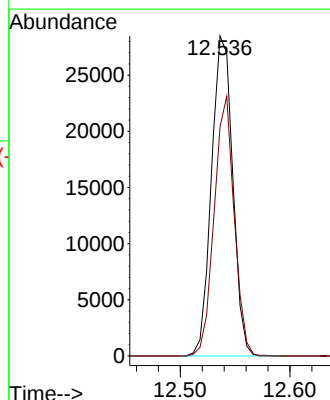
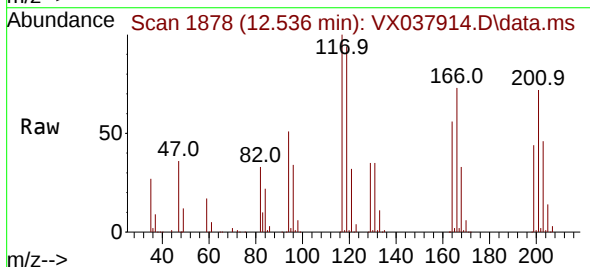
Acq: 27 Sep 2023 11:04

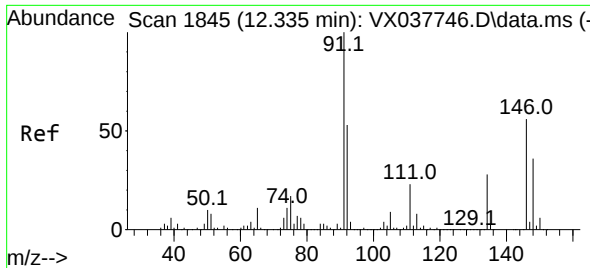
Tgt Ion:117 Resp: 38372

Ion Ratio Lower Upper

117 100

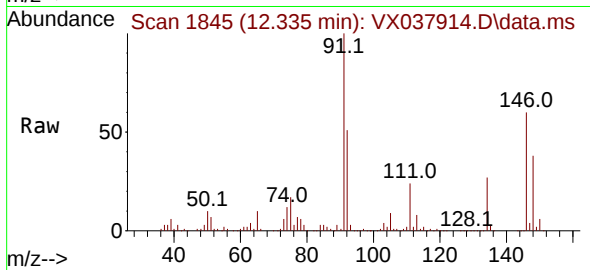
201 76.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 18.130 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

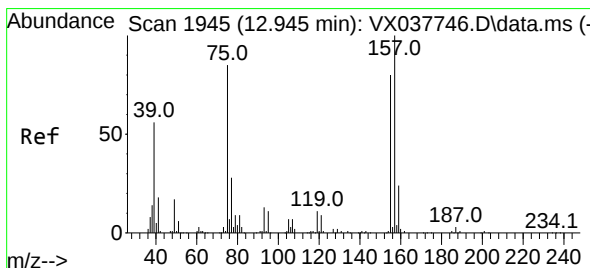
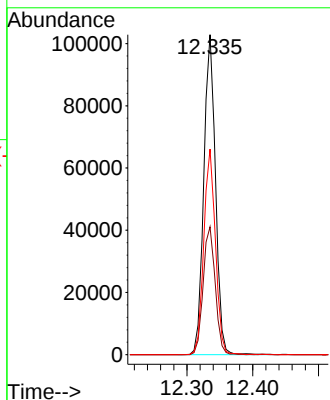
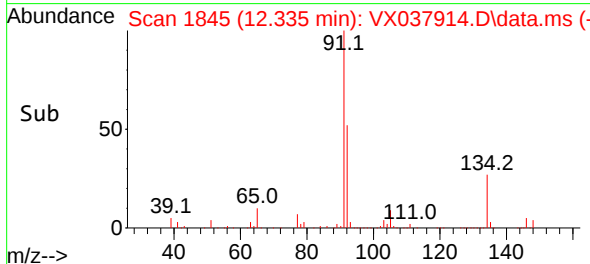
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



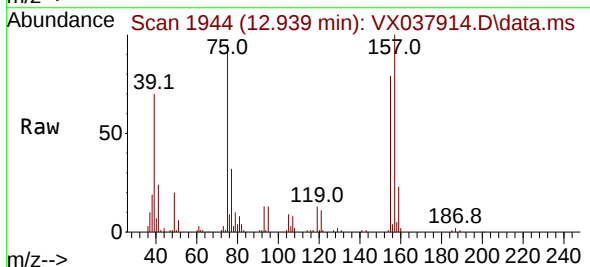
Tgt Ion:146 Resp: 12749
Ion Ratio Lower Upper
146 100
111 41.2 22.4 67.0
148 64.0 31.6 95.0

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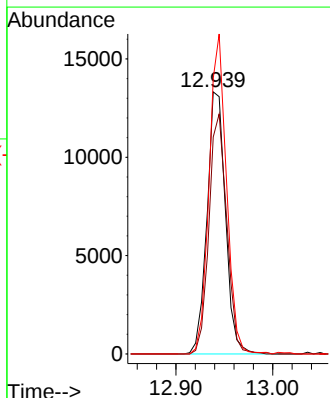
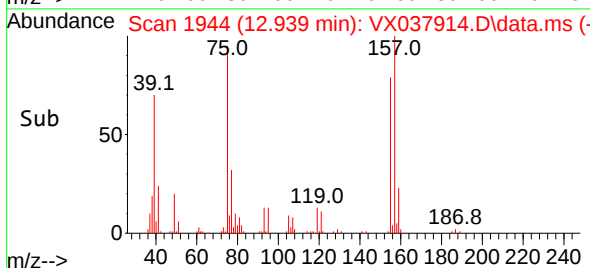
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

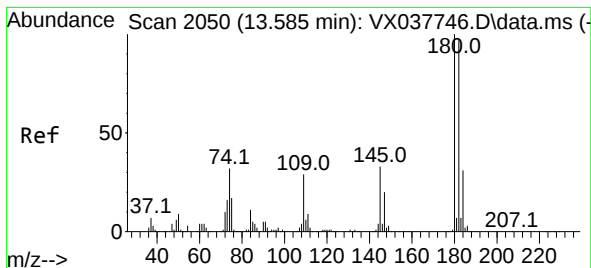


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.907 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04



Tgt Ion: 75 Resp: 17695
Ion Ratio Lower Upper
75 100
155 88.3 36.1 108.5
157 114.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.784 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

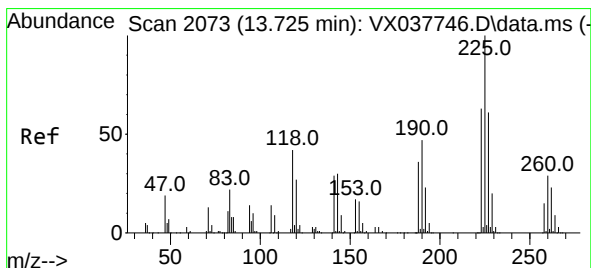
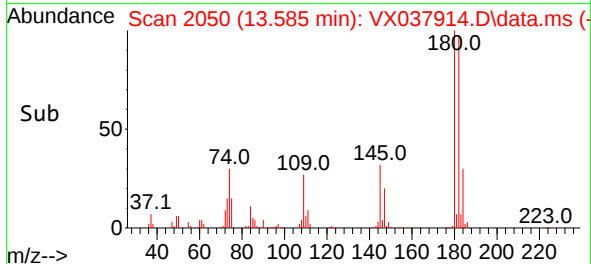
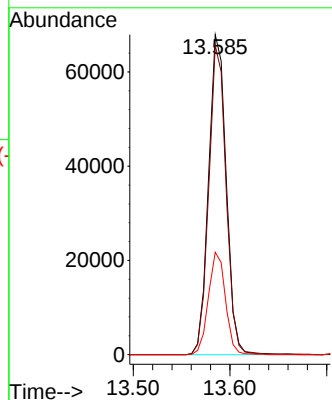
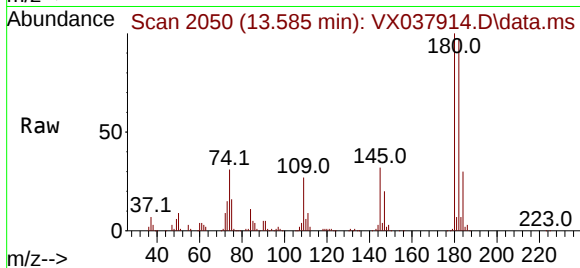
Tgt Ion:180 Resp: 86098
Ion Ratio Lower Upper
180 100
182 95.0 48.3 144.8
145 31.1 18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#94

Hexachlorobutadiene

Concen: 19.742 ug/l

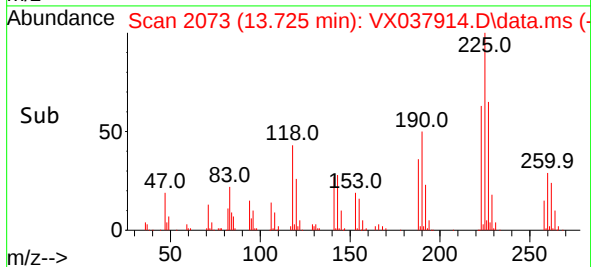
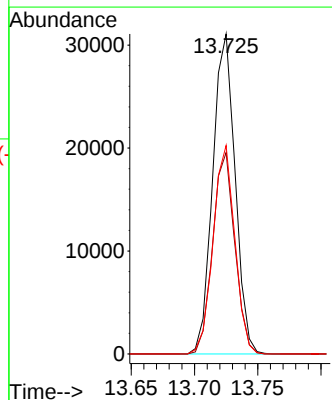
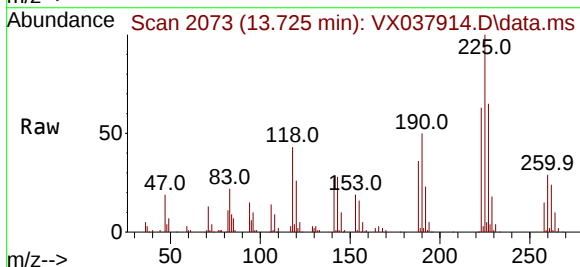
RT: 13.725 min Scan# 2073

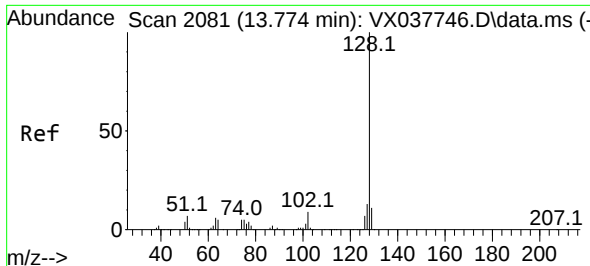
Delta R.T. -0.000 min

Lab File: VX037914.D

Acq: 27 Sep 2023 11:04

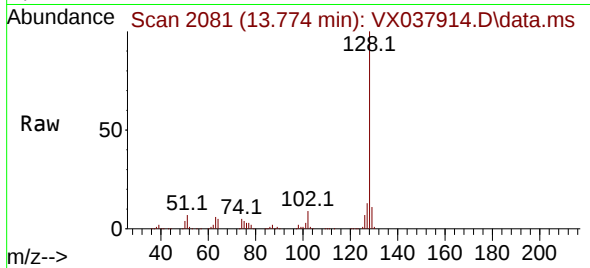
Tgt Ion:225 Resp: 38191
Ion Ratio Lower Upper
225 100
223 62.1 31.1 93.2
227 63.3 32.5 97.5





#95
Naphthalene
Concen: 18.729 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

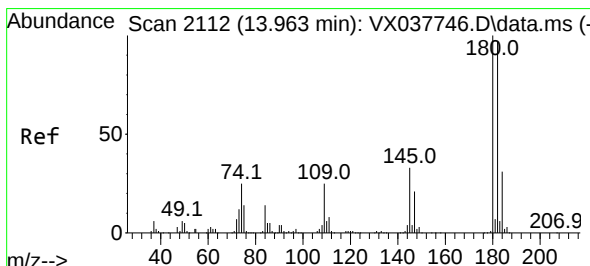
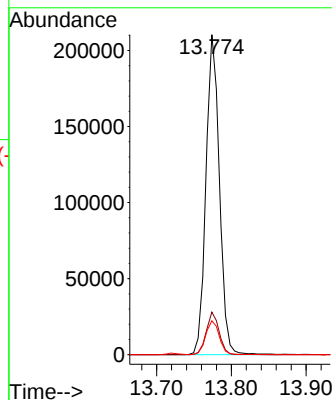
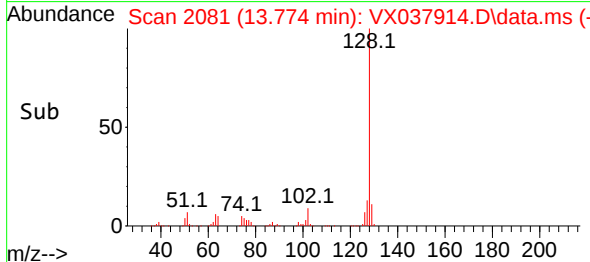
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion:128 Resp: 26238
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.609 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX037914.D
Acq: 27 Sep 2023 11:04

Tgt Ion:180 Resp: 83593
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.6
145 32.2 17.8 53.5

