

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038324.D
 Acq On : 17 Oct 2023 13:08
 Operator : JC/MD
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 03:56:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	169687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	286049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120911	44.301	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.600%		
35) Dibromofluoromethane	5.385	113	100607	48.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.620%		
50) Toluene-d8	8.647	98	365610	46.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.840%		
62) 4-Bromofluorobenzene	11.079	95	143718	48.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38867	23.730	ug/l	97
3) Chloromethane	1.300	50	36675	21.969	ug/l	94
4) Vinyl Chloride	1.374	62	41742	22.552	ug/l	98
5) Bromomethane	1.605	94	35299	13.905	ug/l	97
6) Chloroethane	1.684	64	27452	20.436	ug/l	99
7) Trichlorofluoromethane	1.886	101	74487	20.374	ug/l	100
8) Diethyl Ether	2.130	74	26675	19.564	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	35888	22.486	ug/l	98
10) Methyl Iodide	2.453	142	48488	21.115	ug/l	94
11) Tert butyl alcohol	2.953	59	54153	82.450	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	34924	22.495	ug/l	88
13) Acrolein	2.233	56	34769	89.611	ug/l	97
14) Allyl chloride	2.666	41	51980	18.719	ug/l	95
15) Acrylonitrile	3.062	53	118791	95.641	ug/l	99
16) Acetone	2.379	43	121923	107.037	ug/l	90
17) Carbon Disulfide	2.514	76	82605	18.461	ug/l	100
18) Methyl Acetate	2.703	43	99239	20.316	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	118981	19.243	ug/l	96
20) Methylene Chloride	2.788	84	41636	19.433	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	39666	20.635	ug/l	87
22) Diisopropyl ether	3.757	45	107582	18.485	ug/l #	97
23) Vinyl Acetate	3.721	43	387875	90.879	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	66115	18.719	ug/l	99
25) 2-Butanone	4.550	43	171623	93.382	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	50897	18.457	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	45278	19.778	ug/l	89
28) Bromochloromethane	4.897	49	27865	17.476	ug/l #	78
29) Tetrahydrofuran	5.001	42	107909	90.182	ug/l #	87
30) Chloroform	5.092	83	75160	19.460	ug/l	99
31) Cyclohexane	5.470	56	54633	18.476	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	64261	19.425	ug/l	98
36) 1,1-Dichloropropene	5.690	75	52834	18.588	ug/l	95
37) Ethyl Acetate	4.708	43	60773	18.003	ug/l #	93
38) Carbon Tetrachloride	5.678	117	54540	19.506	ug/l	99
39) Methylcyclohexane	7.379	83	65092	19.552	ug/l	94
40) Benzene	6.037	78	154082	19.382	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	30224	17.998	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	58850	18.528	ug/l	97
43) Isopropyl Acetate	6.336	43	88443	17.551	ug/l #	95
44) Trichloroethene	7.129	130	44020	21.171	ug/l	95
45) 1,2-Dichloropropane	7.427	63	38717	18.817	ug/l	98
46) Dibromomethane	7.586	93	31007	19.430	ug/l	96
47) Bromodichloromethane	7.824	83	52489	18.489	ug/l	97
48) Methyl methacrylate	7.696	41	44101	18.332	ug/l #	87
49) 1,4-Dioxane	7.659	88	23131	390.194	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	321443	92.478	ug/l	95
52) Toluene	8.720	92	102944	19.879	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	54685	17.946	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	60202	18.804	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	42745	19.298	ug/l	95
56) Ethyl methacrylate	9.116	69	62930	18.530	ug/l	90
57) 1,3-Dichloropropane	9.311	76	69331	19.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	142510	85.488	ug/l	98
59) 2-Hexanone	9.427	43	263842	94.420	ug/l	94
60) Dibromochloromethane	9.518	129	41867	19.313	ug/l	99
61) 1,2-Dibromoethane	9.610	107	47878	19.988	ug/l	100
64) Tetrachloroethene	9.275	164	36267	20.095	ug/l	98
65) Chlorobenzene	10.079	112	113959	19.535	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	39581	20.065	ug/l	99
67) Ethyl Benzene	10.195	91	201726	19.373	ug/l	100
68) m/p-Xylenes	10.299	106	157695	39.166	ug/l	98
69) o-Xylene	10.640	106	76202	19.391	ug/l	98
70) Styrene	10.652	104	127745	19.961	ug/l	96
71) Bromoform	10.799	173	29986	18.311	ug/l #	100
73) Isopropylbenzene	10.963	105	205861	20.122	ug/l	98
74) N-amyl acetate	10.841	43	79065	18.097	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	73085	19.468	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	65732m	18.953	ug/l	
77) Bromobenzene	11.195	156	51721	20.707	ug/l	86
78) n-propylbenzene	11.305	91	245370	19.615	ug/l	99
79) 2-Chlorotoluene	11.366	91	142513	19.210	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	175696	19.906	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16799	17.037	ug/l	97
82) 4-Chlorotoluene	11.451	91	168237	19.164	ug/l	96
83) tert-Butylbenzene	11.713	119	171526	19.888	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	175728	19.968	ug/l	97
85) sec-Butylbenzene	11.890	105	223491	20.004	ug/l	99
86) p-Isopropyltoluene	12.006	119	185341	20.107	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	98453	19.625	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	100706	19.662	ug/l	98
89) n-Butylbenzene	12.335	91	175828	19.154	ug/l	97
90) Hexachloroethane	12.536	117	27937	18.280	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	96248	19.959	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16765	18.471	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	63687	19.691	ug/l	96
94) Hexachlorobutadiene	13.725	225	25771	19.796	ug/l	98
95) Naphthalene	13.774	128	222356	19.741	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	61372	19.597	ug/l	99

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Response via : Initial Calibration

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

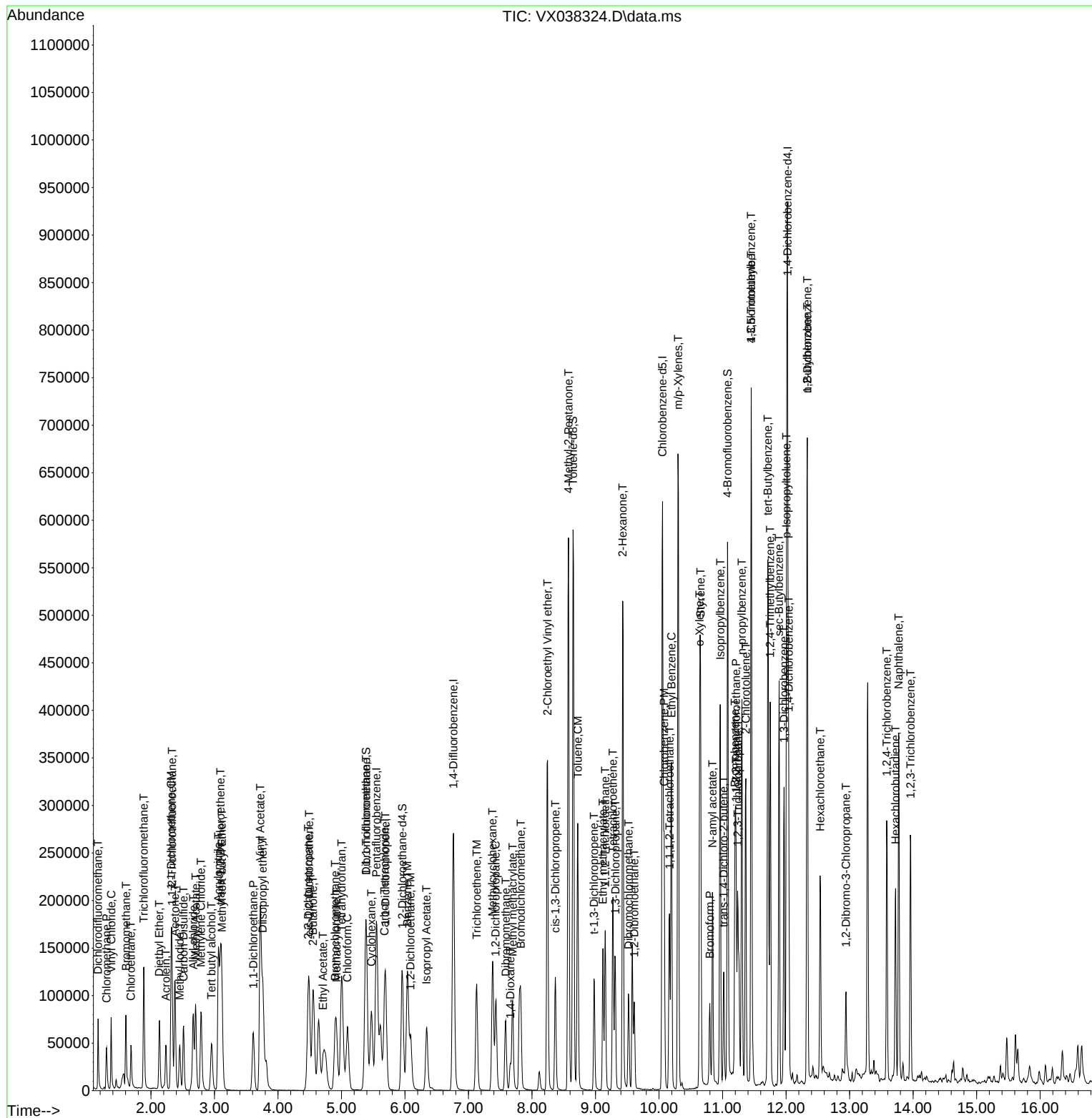
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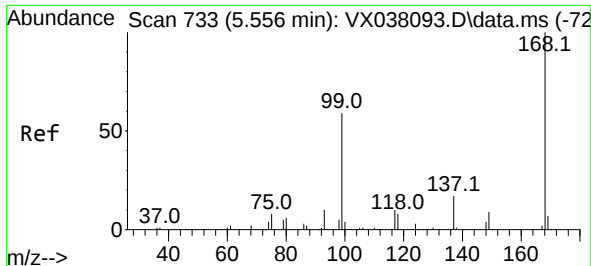
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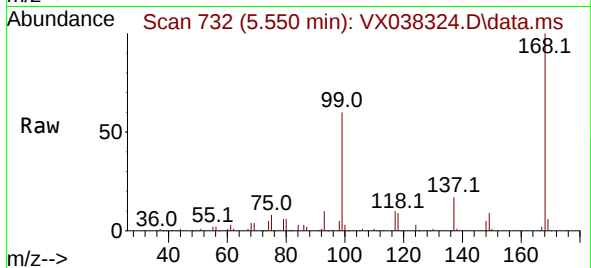
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038324.D
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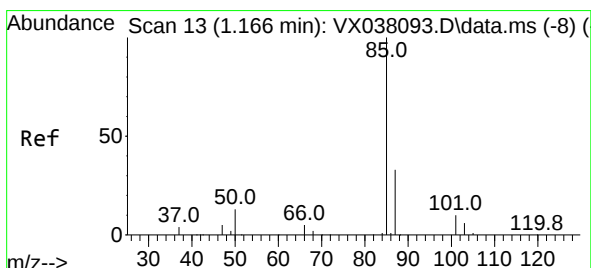
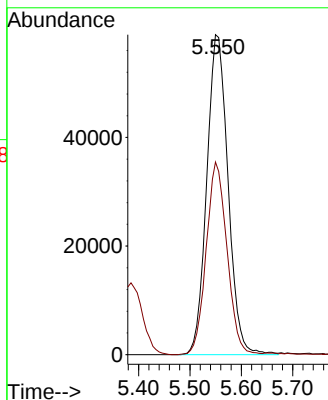
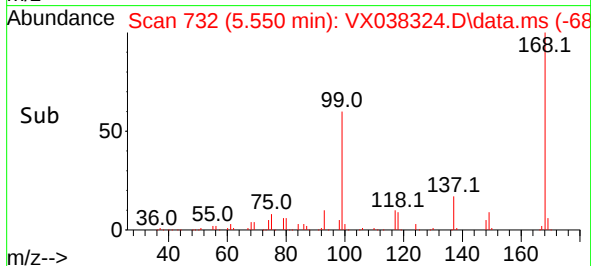
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



Tgt Ion:168 Resp: 16968
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0

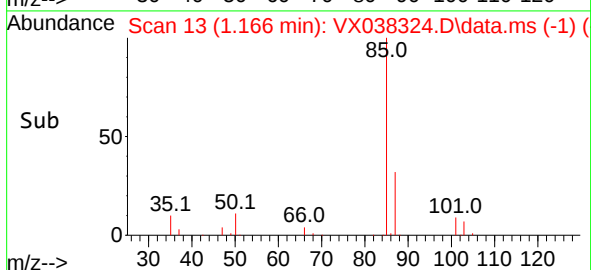
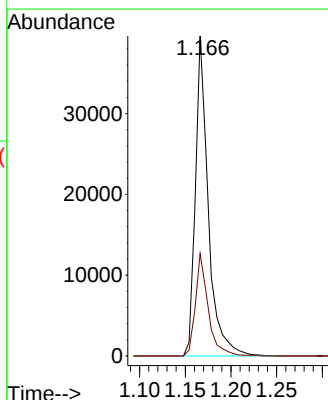
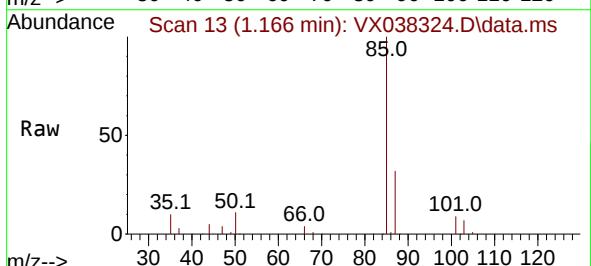
Manual Integrations
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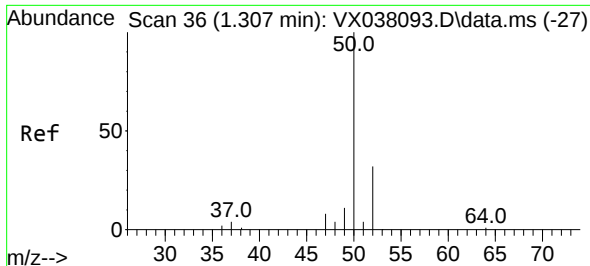
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 23.730 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

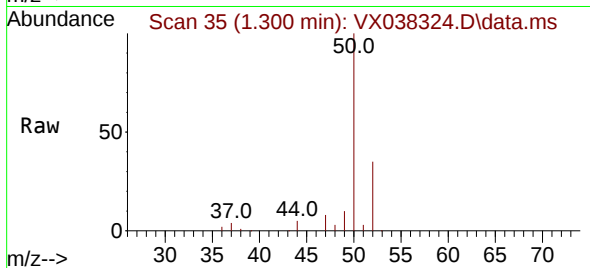
Tgt Ion: 85 Resp: 38867
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





#3
Chloromethane
Concen: 21.969 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.001 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

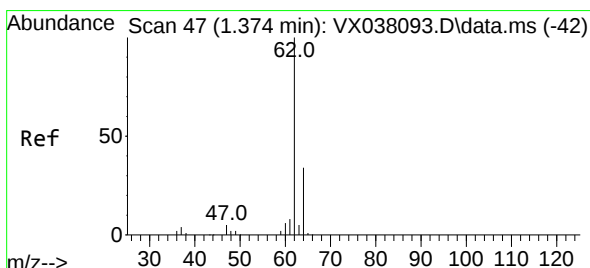
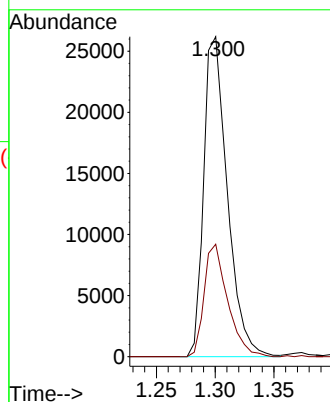
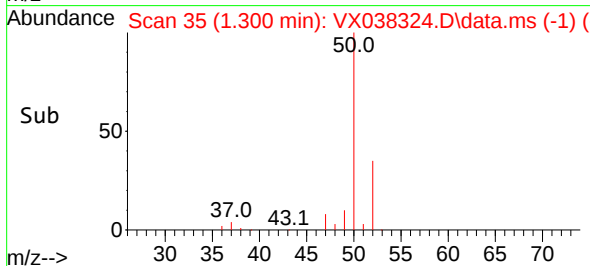
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 36679
Ion Ratio Lower Upper
50 100
52 35.1 25.5 38.3

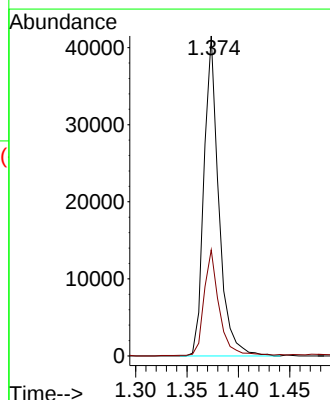
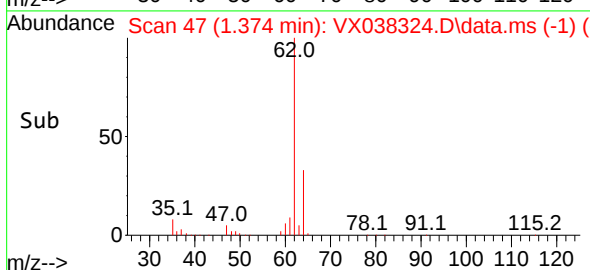
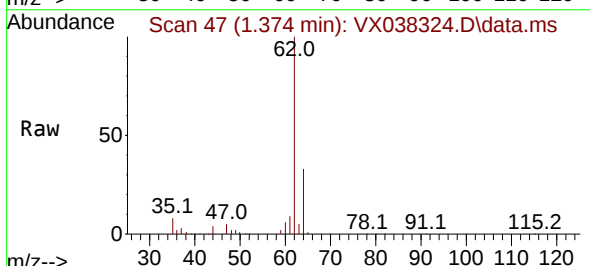
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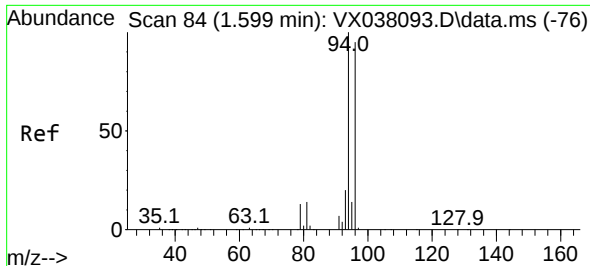
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#4
Vinyl Chloride
Concen: 22.552 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

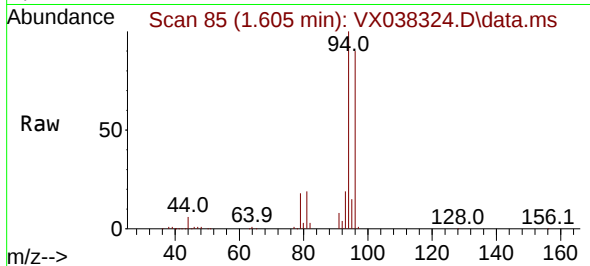
Tgt Ion: 62 Resp: 41742
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





#5
Bromomethane
Concen: 13.905 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

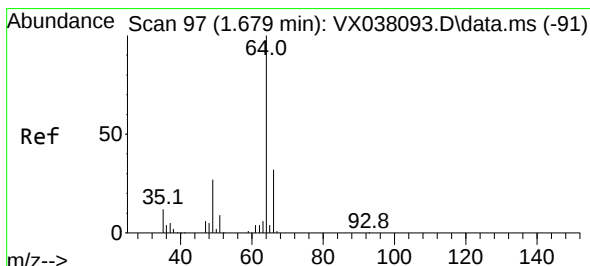
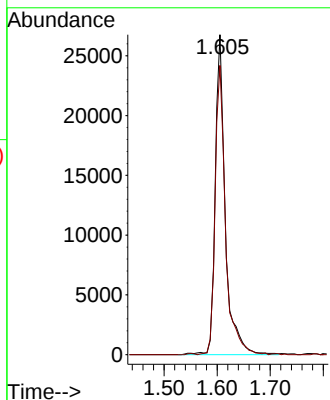
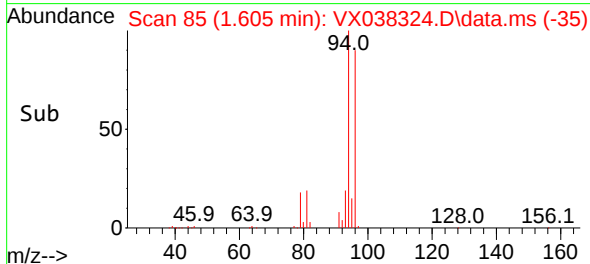
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Tgt Ion: 94 Resp: 35299
Ion Ratio Lower Upper
94 100
96 90.4 74.6 111.8

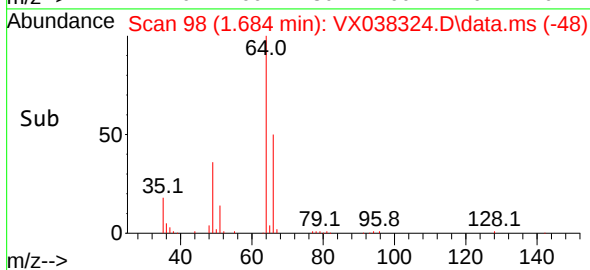
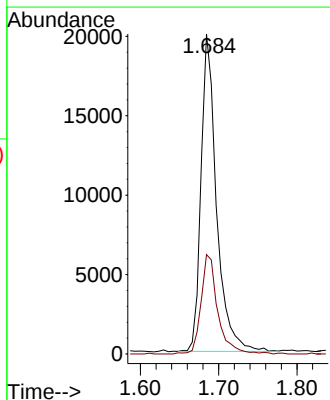
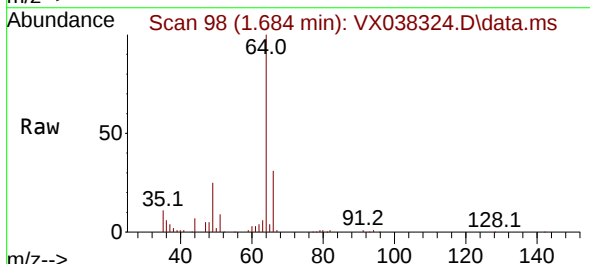
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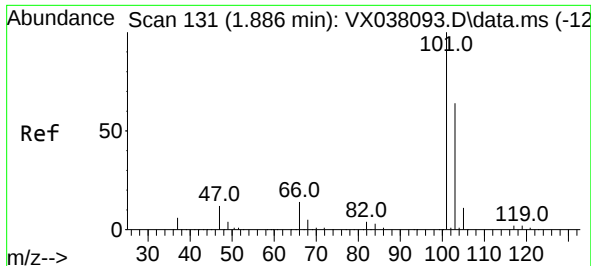
Reviewed By :John Carlone 10/18/2023
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#6
Chloroethane
Concen: 20.436 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

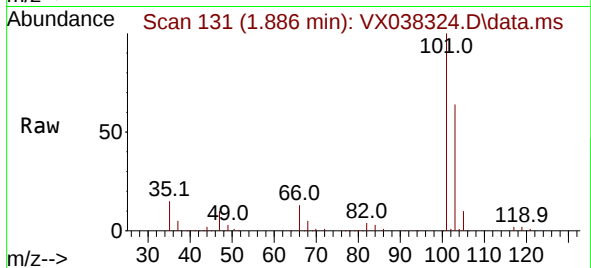
Tgt Ion: 64 Resp: 27452
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 20.374 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038324.D
 Acq: 17 Oct 2023 13:08

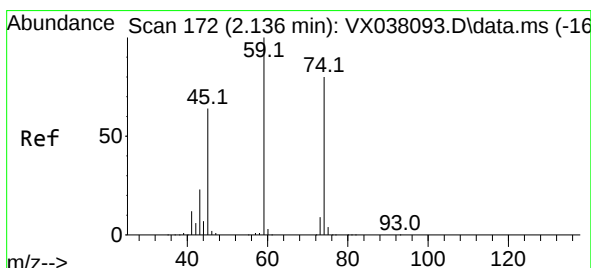
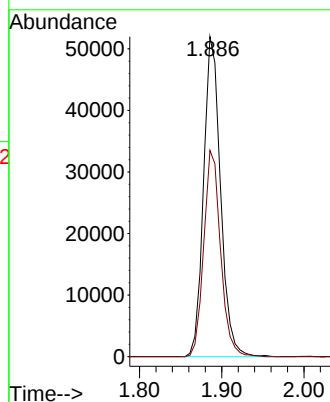
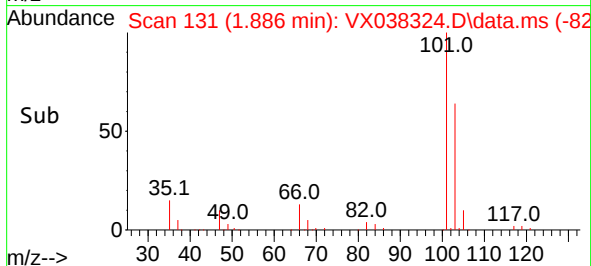
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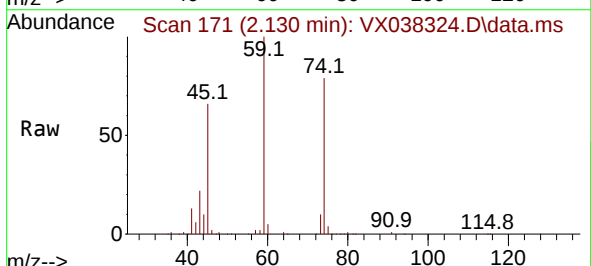
Tgt Ion:101 Resp: 7448
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2

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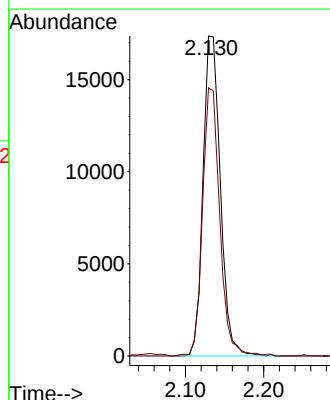
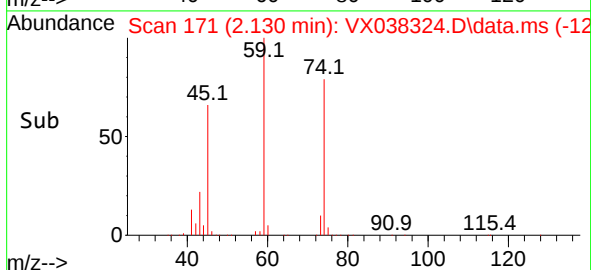
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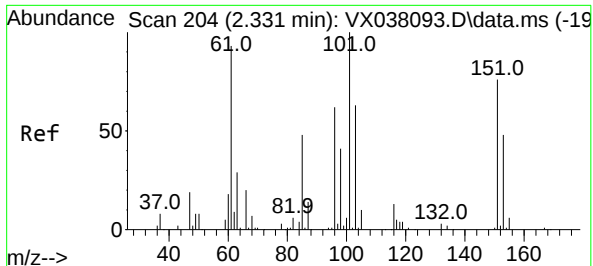


#8
 Diethyl Ether
 Concen: 19.564 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 26675
 Ion Ratio Lower Upper
 74 100
 45 83.3 53.3 159.8





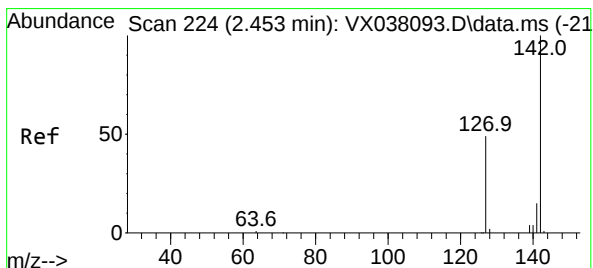
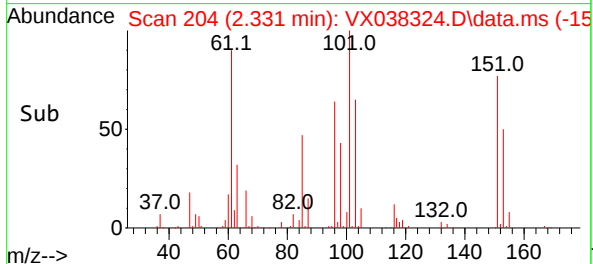
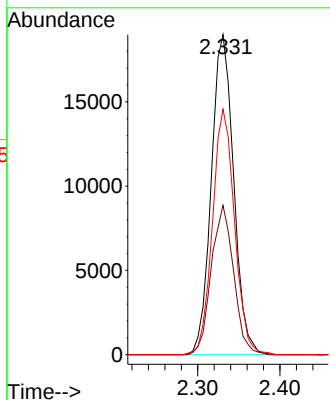
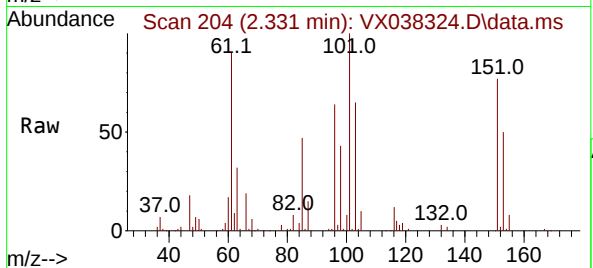
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.486 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion:101 Resp: 3588
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 75.8 58.6 87.8

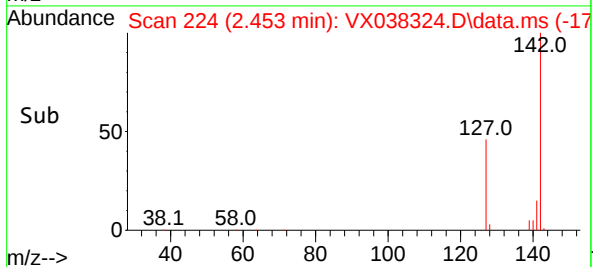
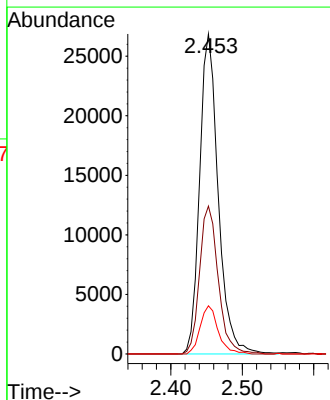
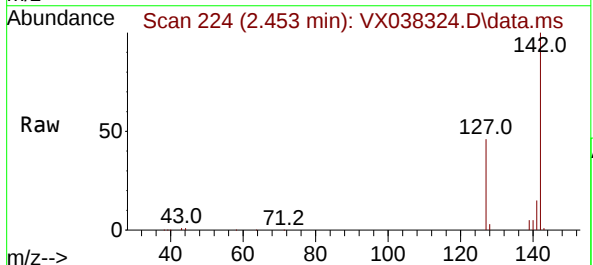
Manual Integrations
APPROVED

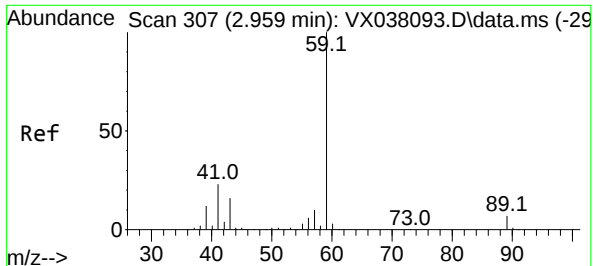
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 21.115 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion:142 Resp: 48488
Ion Ratio Lower Upper
142 100
127 46.4 41.6 62.4
141 14.6 11.6 17.4





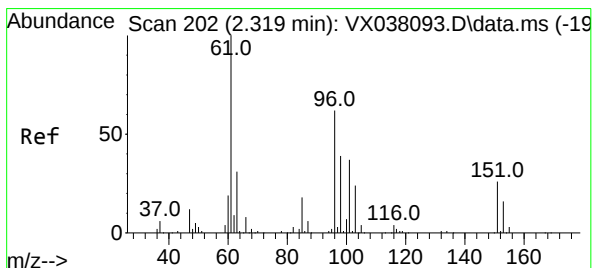
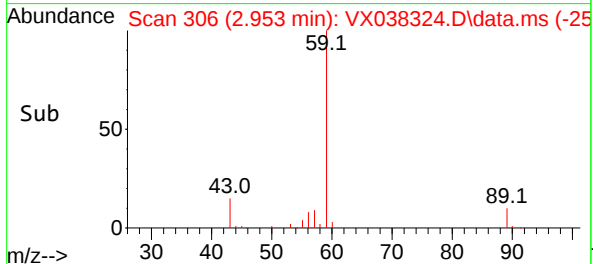
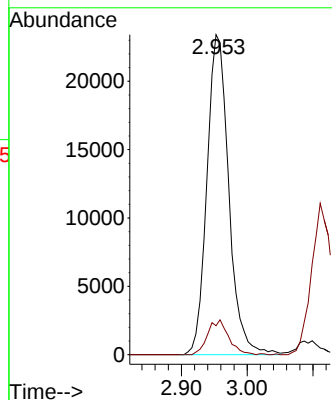
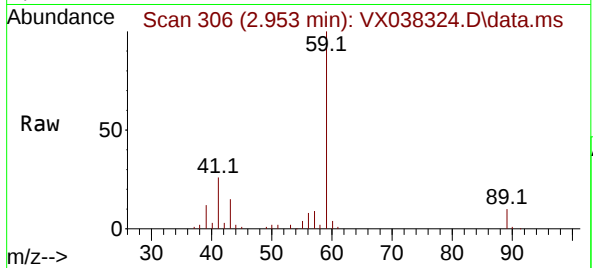
#11
Tert butyl alcohol
Concen: 82.450 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion: 59 Resp: 5415
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

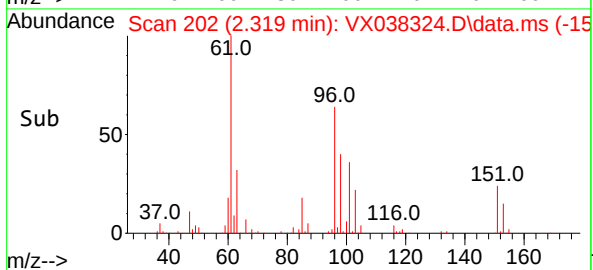
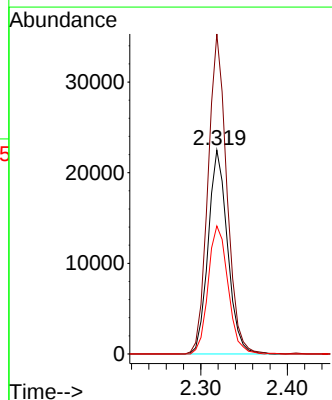
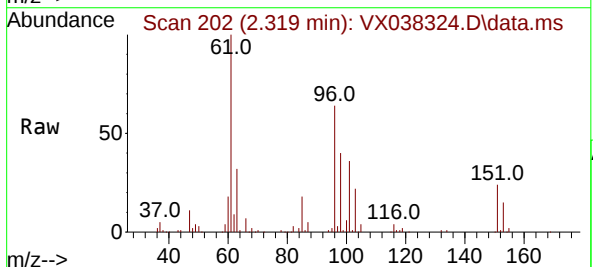
Manual Integrations
APPROVED

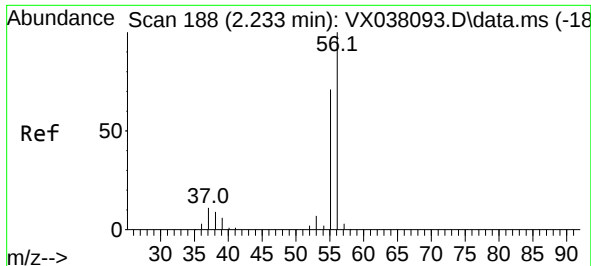
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 22.495 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

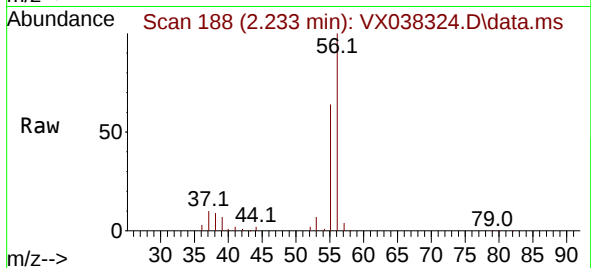
Tgt Ion: 96 Resp: 34924
Ion Ratio Lower Upper
96 100
61 156.9 144.6 216.8
98 62.8 50.4 75.6





#13
Acrolein
Concen: 89.611 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

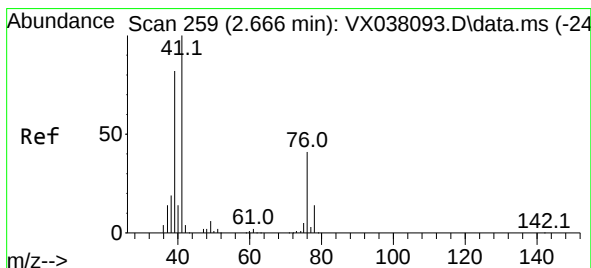
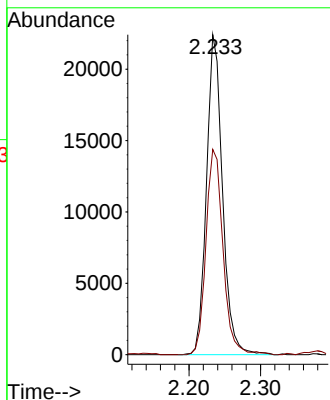
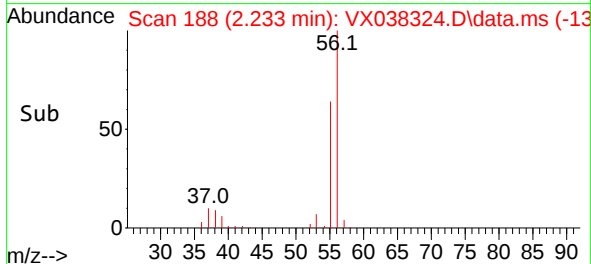
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



Tgt Ion: 56 Resp: 34769
Ion Ratio Lower Upper
56 100
55 68.5 57.1 85.7

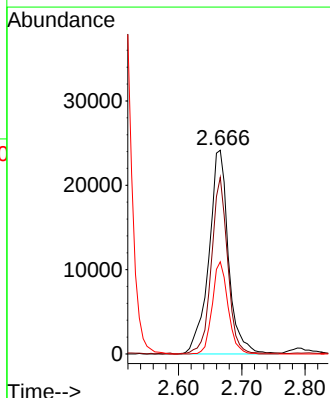
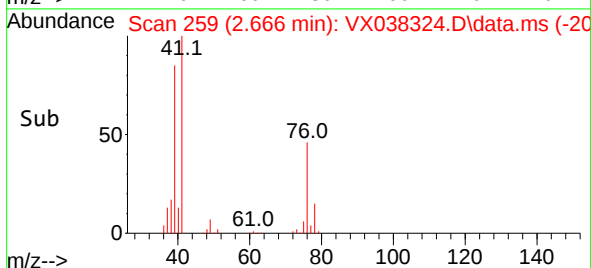
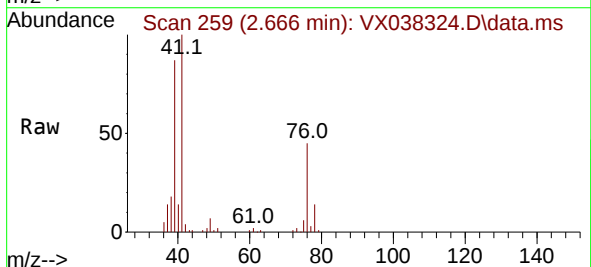
Manual Integrations
APPROVED

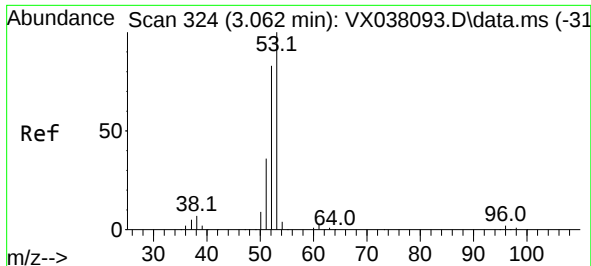
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 18.719 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion: 41 Resp: 51980
Ion Ratio Lower Upper
41 100
39 71.8 55.8 83.6
76 36.4 24.3 36.5





#15

Acrylonitrile

Concen: 95.641 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

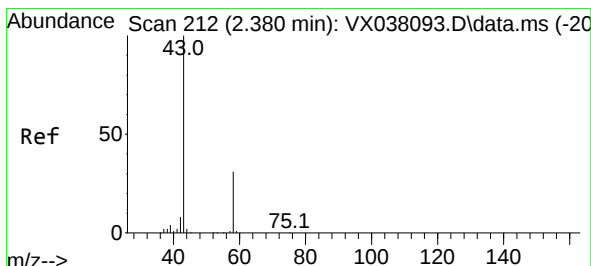
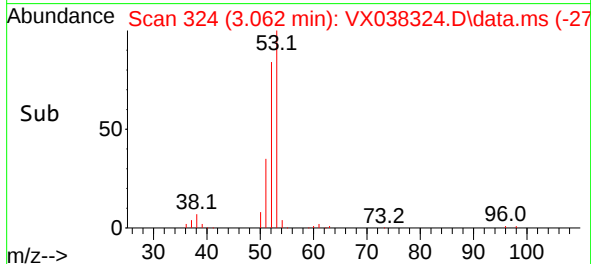
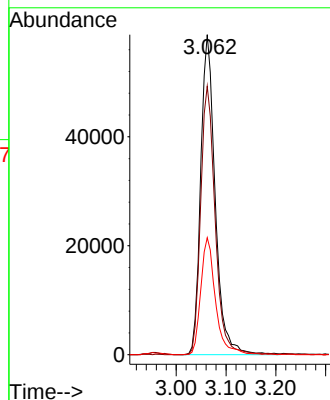
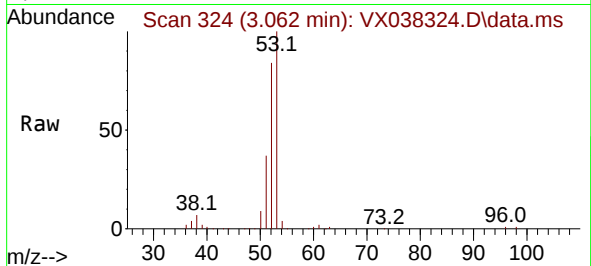
Tgt Ion: 53	Resp: 11879
Ion Ratio	Lower Upper
53	100
52	83.8 66.0 99.0
51	37.2 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#16

Acetone

Concen: 107.037 ug/l

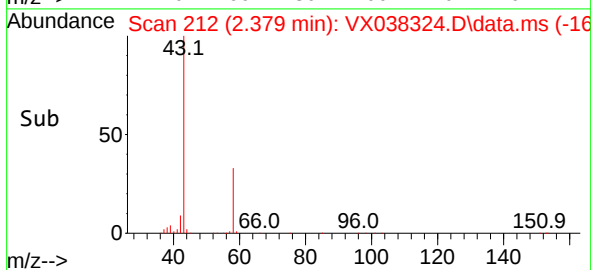
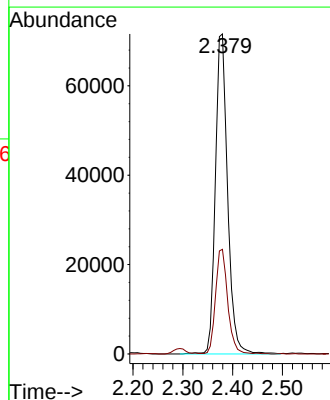
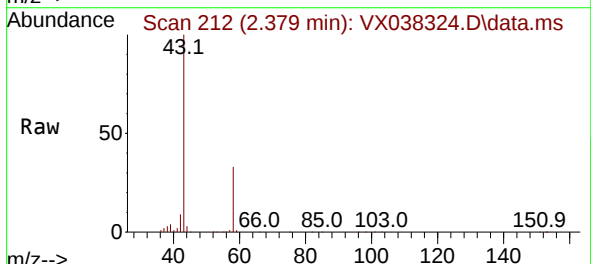
RT: 2.379 min Scan# 212

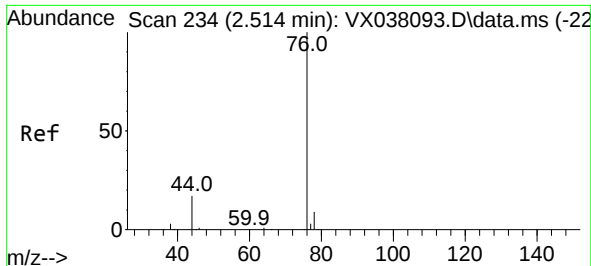
Delta R.T. -0.001 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Tgt Ion: 43	Resp: 121923
Ion Ratio	Lower Upper
43	100
58	32.6 21.9 32.9





#17

Carbon Disulfide

Concen: 18.461 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tgt Ion: 76 Resp: 8260

Ion Ratio Lower Upper

76 100

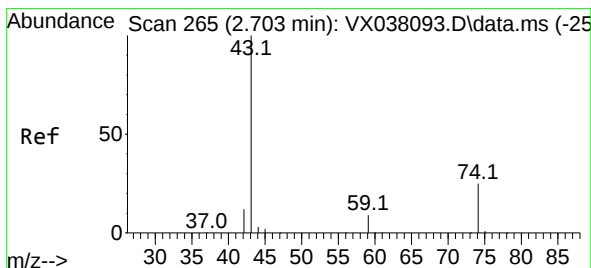
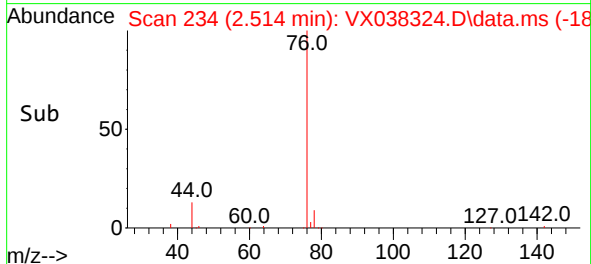
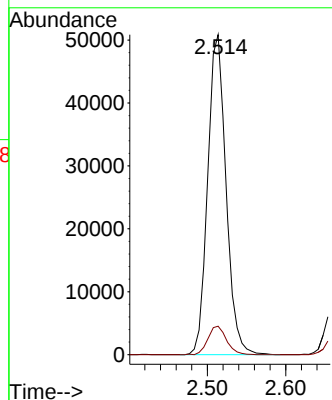
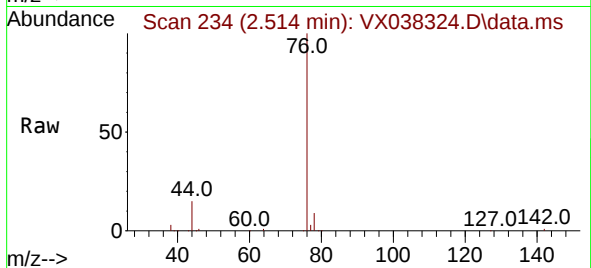
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#18

Methyl Acetate

Concen: 20.316 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038324.D

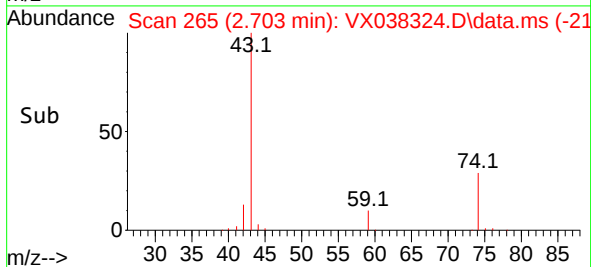
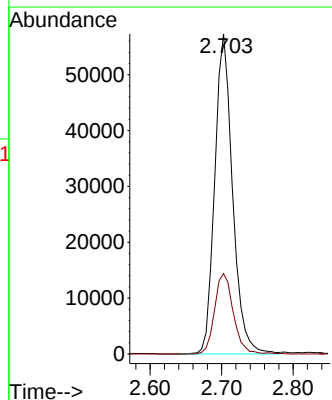
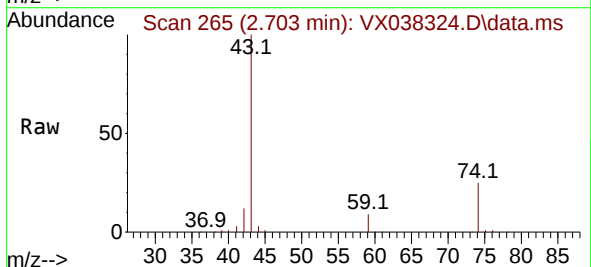
Acq: 17 Oct 2023 13:08

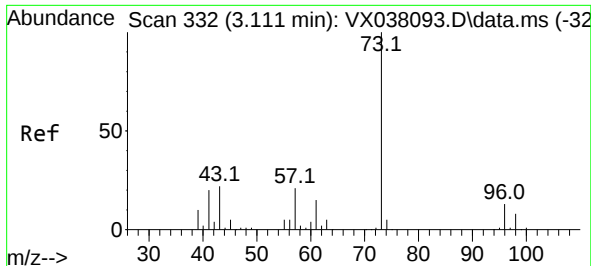
Tgt Ion: 43 Resp: 99239

Ion Ratio Lower Upper

43 100

74 26.4 17.8 26.8





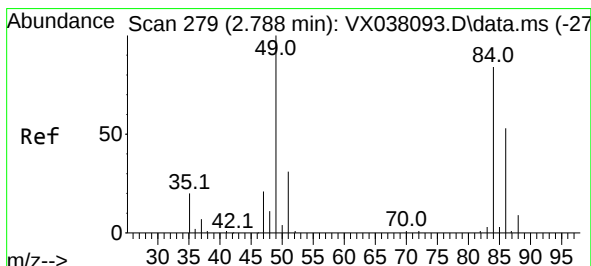
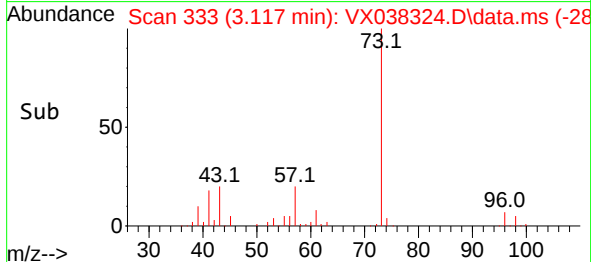
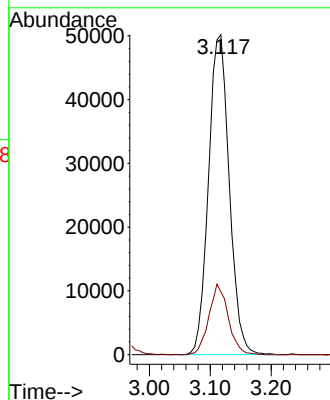
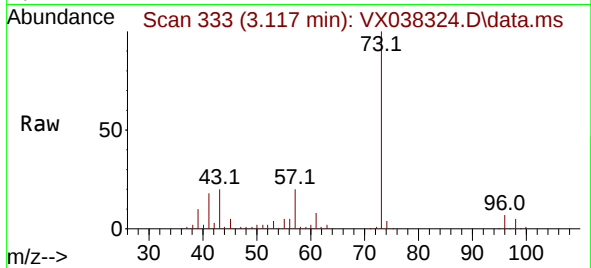
#19
Methyl tert-butyl Ether
Concen: 19.243 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion: 73 Resp: 11898
Ion Ratio Lower Upper
73 100
57 19.6 17.3 25.9

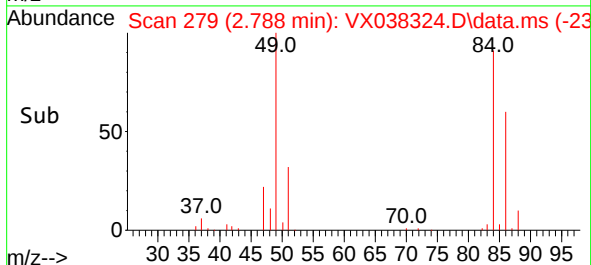
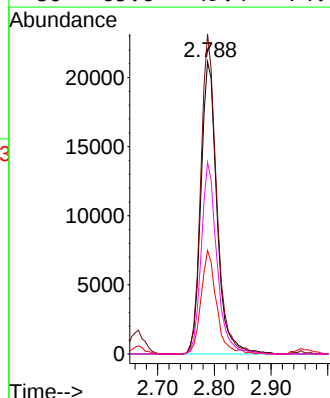
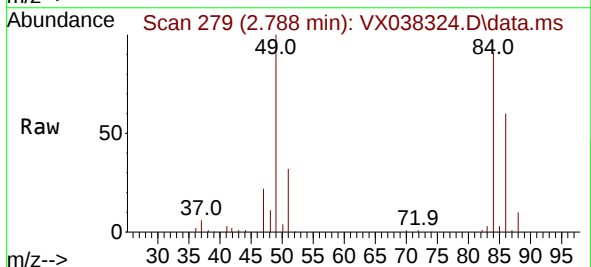
Manual Integrations
APPROVED

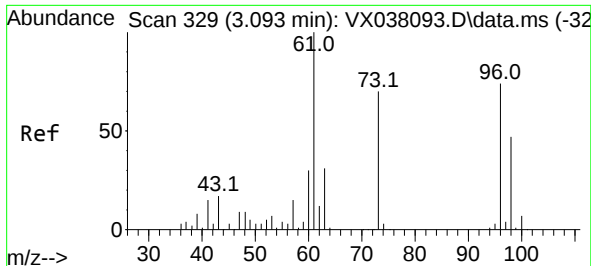
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 19.433 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

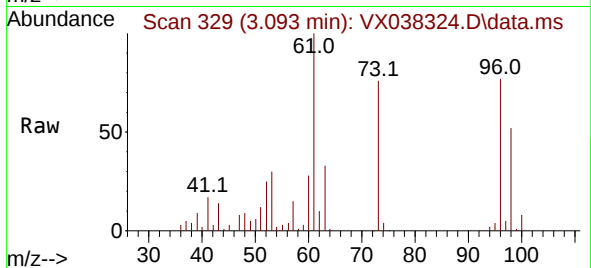
Tgt Ion: 84 Resp: 41636
Ion Ratio Lower Upper
84 100
49 109.5 103.6 155.4
51 35.4 33.8 50.6
86 65.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.635 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

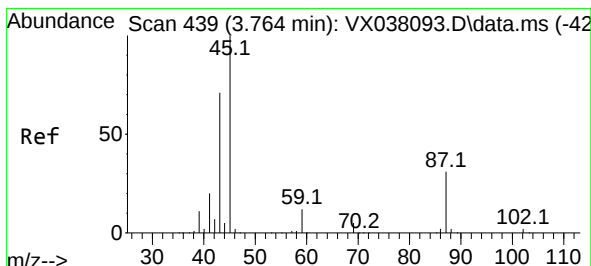
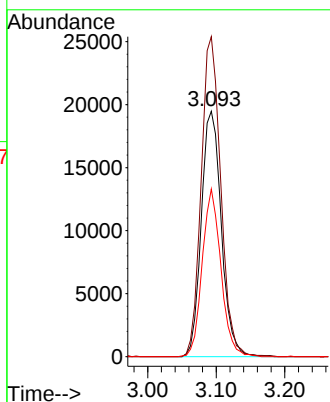
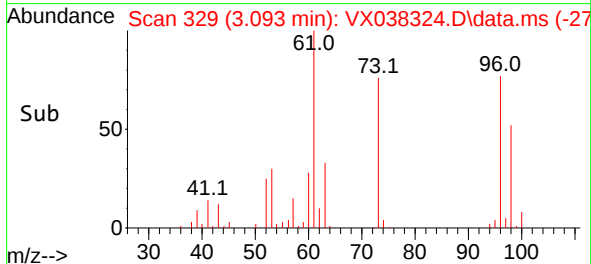
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



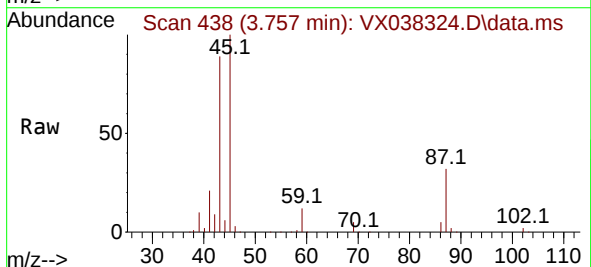
Tgt Ion: 96 Resp: 3966
Ion Ratio Lower Upper
96 100
61 130.4 119.2 178.8
98 68.3 48.7 73.1

Manual Integrations
APPROVED

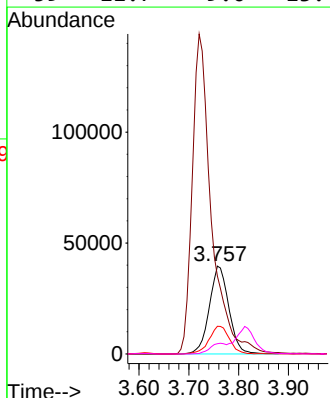
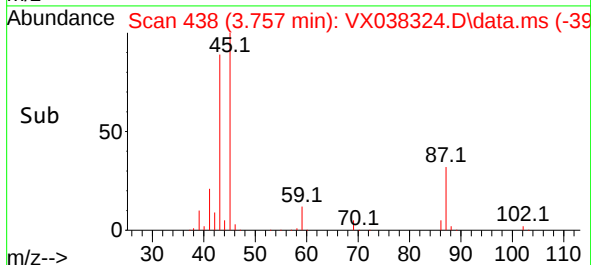
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

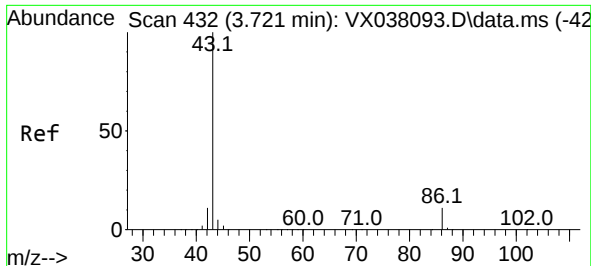


#22
Diisopropyl ether
Concen: 18.485 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08



Tgt Ion: 45 Resp: 107582
Ion Ratio Lower Upper
45 100
43 87.9 69.7 104.5
87 31.5 20.8 31.2#
59 11.7 9.0 13.4





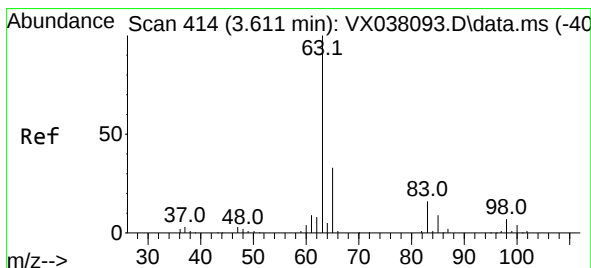
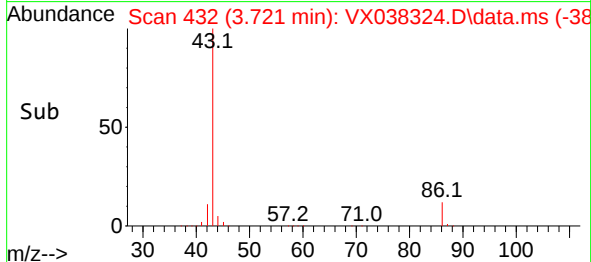
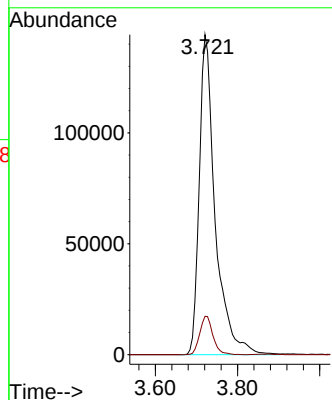
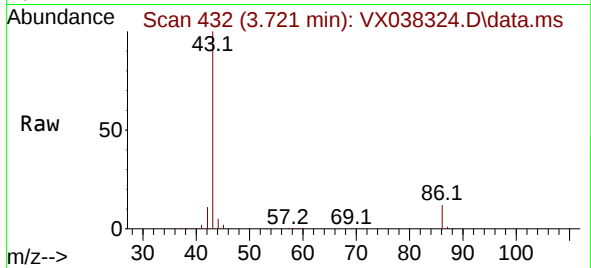
#23
 Vinyl Acetate
 Concen: 90.879 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038324.D
 Acq: 17 Oct 2023 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tgt Ion: 43 Resp: 38787
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.8 11.8

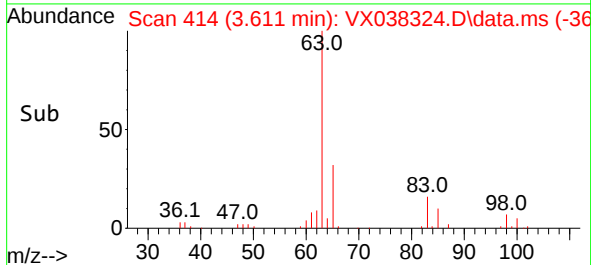
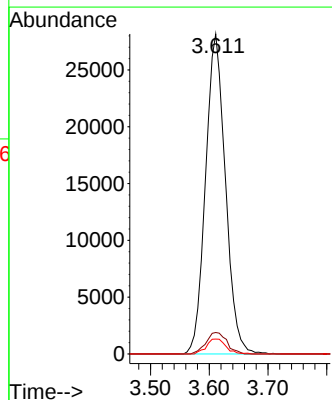
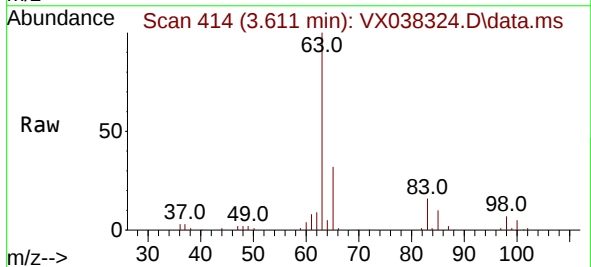
Manual Integrations
 APPROVED

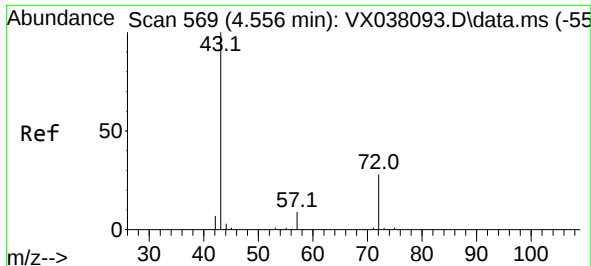
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.719 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038324.D
 Acq: 17 Oct 2023 13:08

Tgt Ion: 63 Resp: 66115
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 93.382 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tgt Ion: 43 Resp: 17162

Ion Ratio Lower Upper

43 100

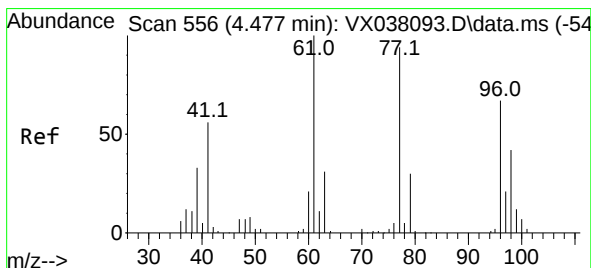
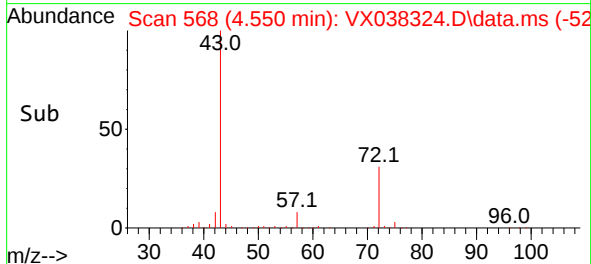
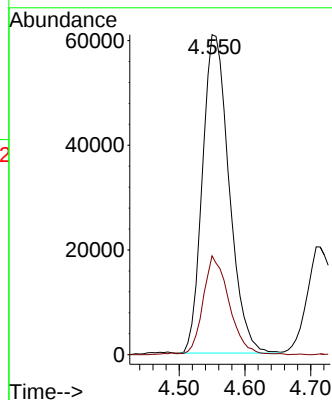
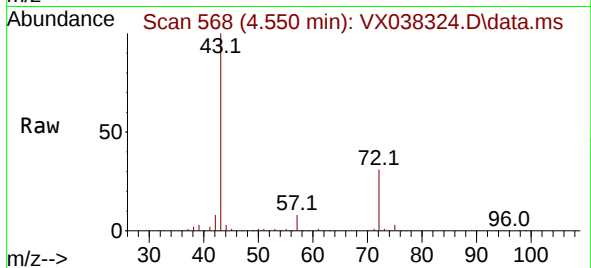
72 30.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#26

2,2-Dichloropropane

Concen: 18.457 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX038324.D

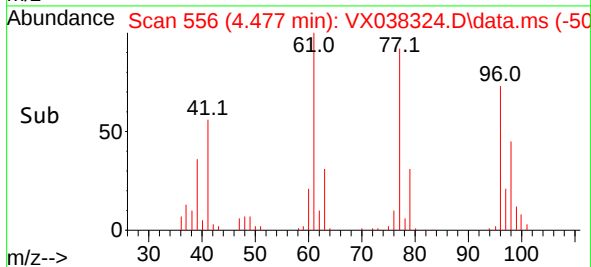
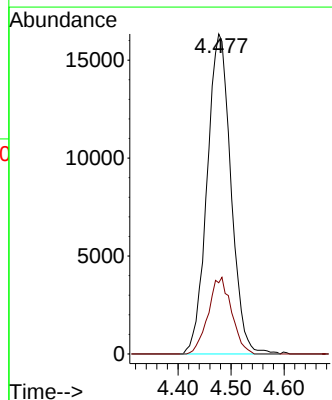
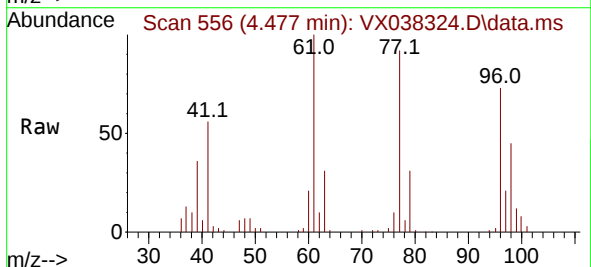
Acq: 17 Oct 2023 13:08

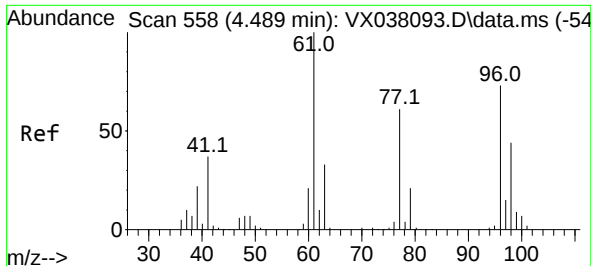
Tgt Ion: 77 Resp: 50897

Ion Ratio Lower Upper

77 100

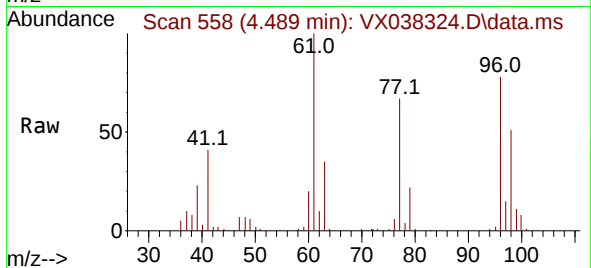
97 23.5 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.778 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX038324.D
 Acq: 17 Oct 2023 13:08

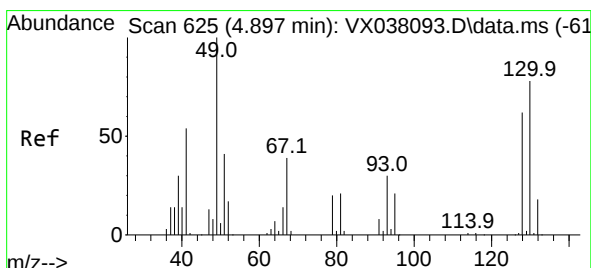
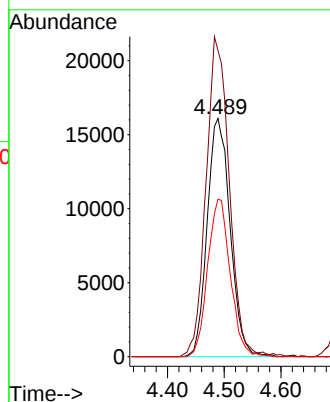
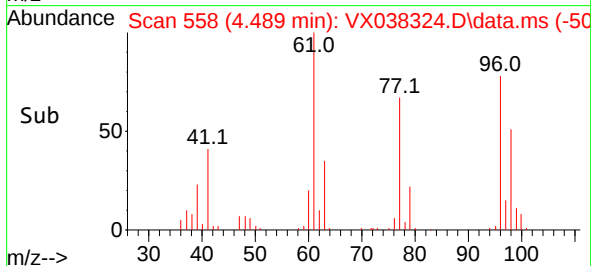
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01



Tgt Ion: 96 Resp: 45278
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 312.2
 98 65.0 0.0 129.0

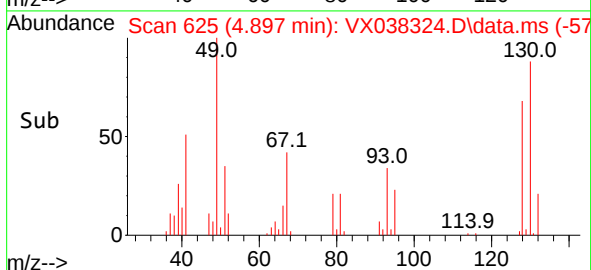
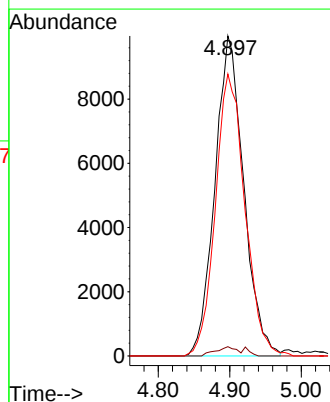
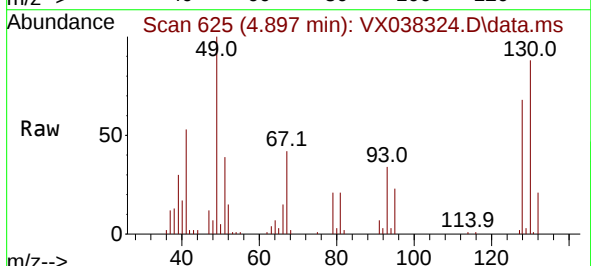
Manual Integrations
 APPROVED

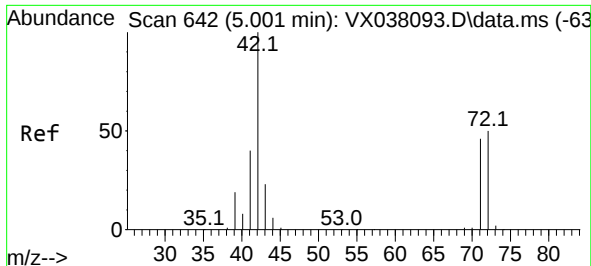
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 17.476 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX038324.D
 Acq: 17 Oct 2023 13:08

Tgt Ion: 49 Resp: 27865
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 90.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 90.182 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tgt Ion: 42 Resp: 107909

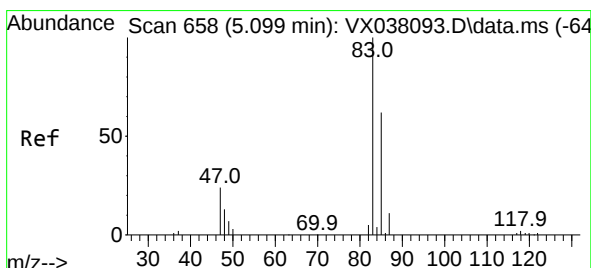
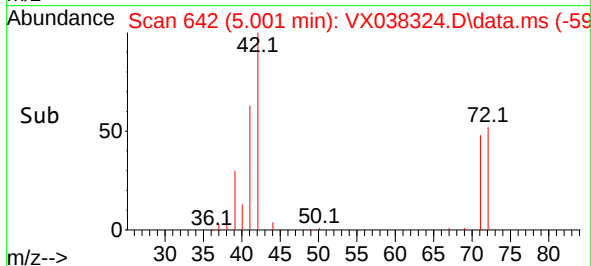
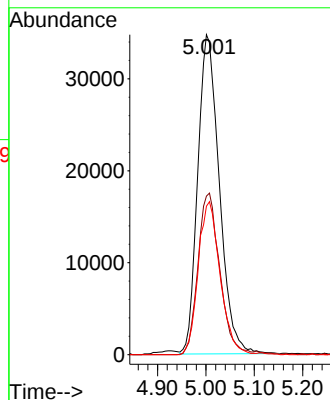
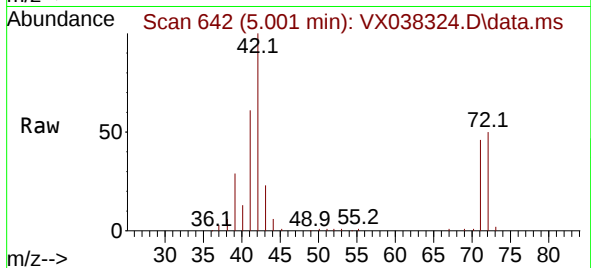
Ion	Ratio	Lower	Upper
42	100		
72	51.5	34.2	51.4
71	48.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 19.460 ug/l

RT: 5.092 min Scan# 657

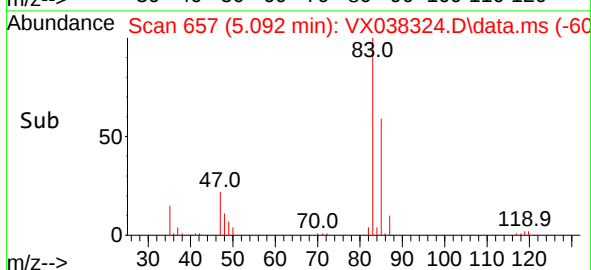
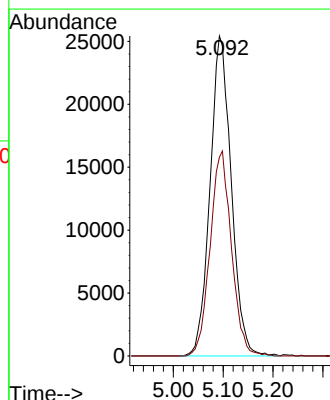
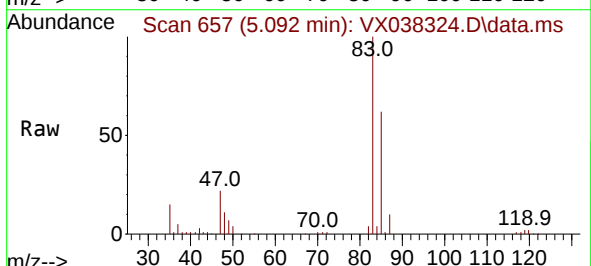
Delta R.T. -0.001 min

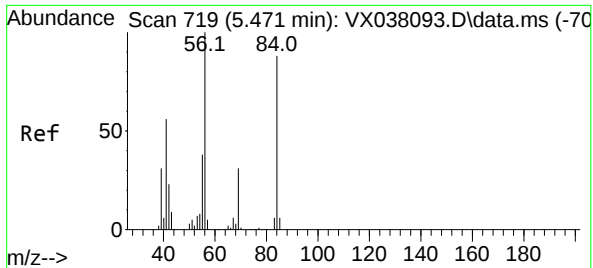
Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Tgt Ion: 83 Resp: 75160

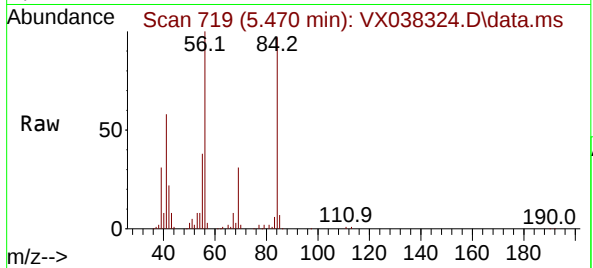
Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.3	75.5





#31
Cyclohexane
Concen: 18.476 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

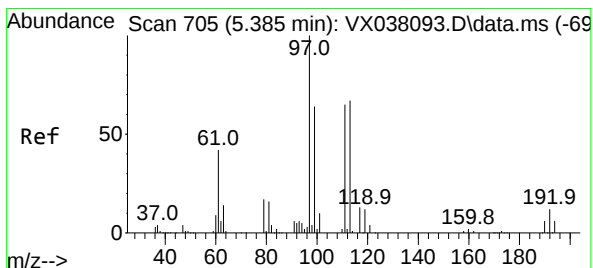
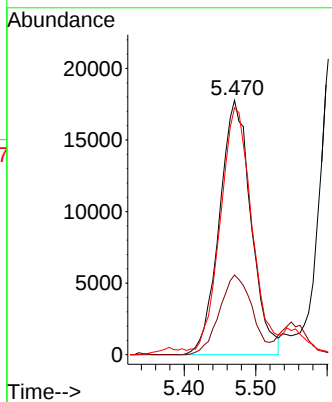
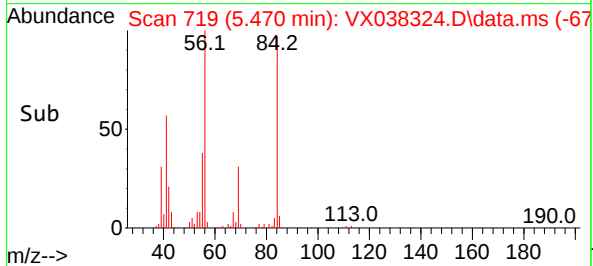
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



Tgt Ion: 56 Resp: 5463
Ion Ratio Lower Upper
56 100
69 31.3 23.4 35.2
84 95.2 65.9 98.9

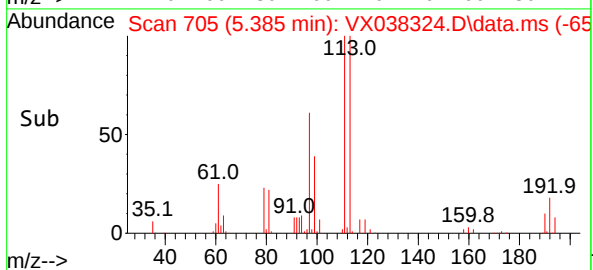
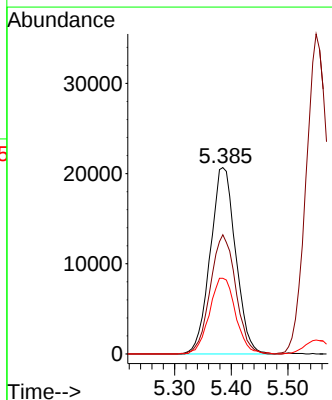
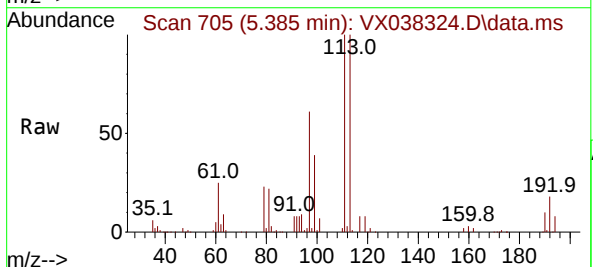
Manual Integrations
APPROVED

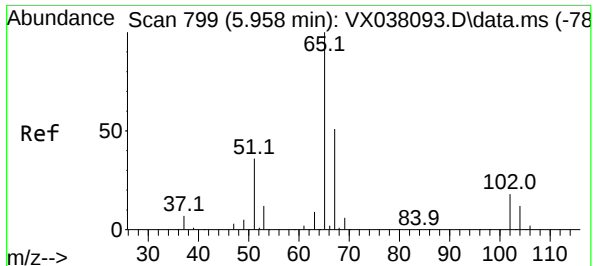
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 19.425 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion: 97 Resp: 64261
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 41.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.301 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tgt Ion: 65 Resp: 12091

Ion Ratio Lower Upper

65 100

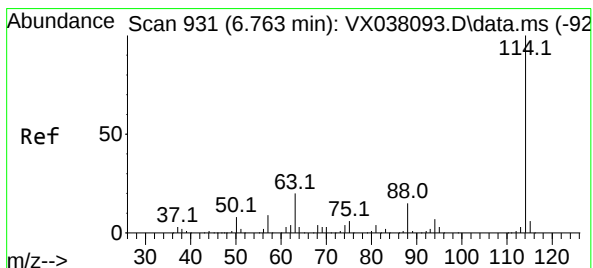
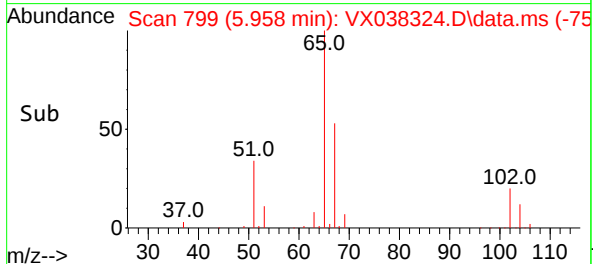
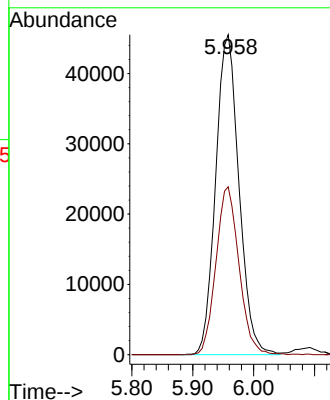
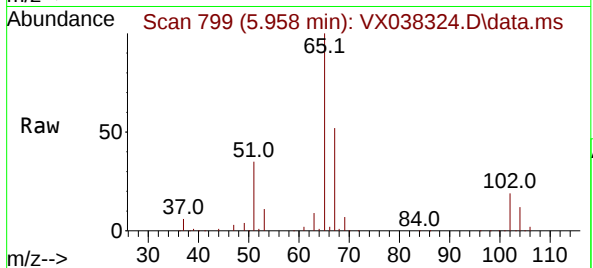
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

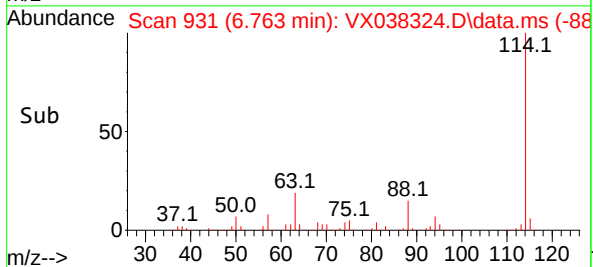
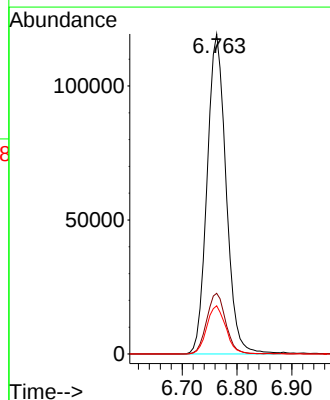
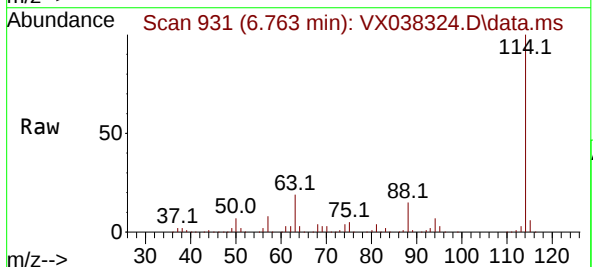
Tgt Ion:114 Resp: 286049

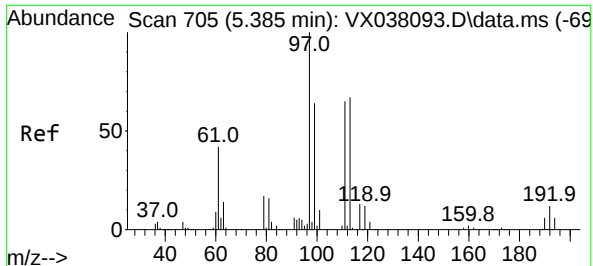
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.811 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tgt Ion:113 Resp: 10060

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

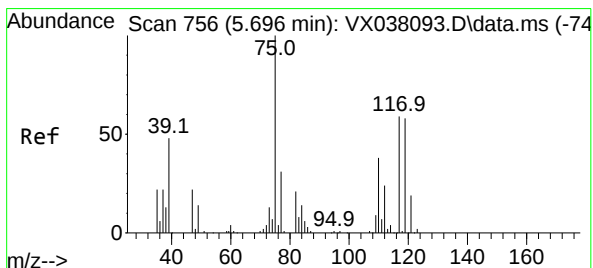
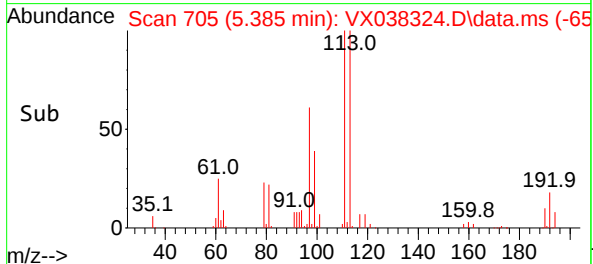
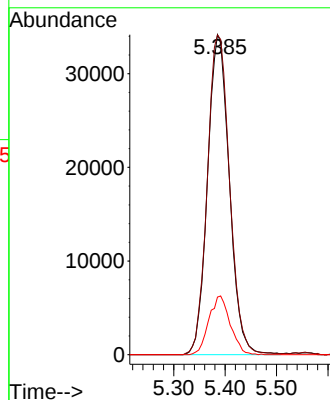
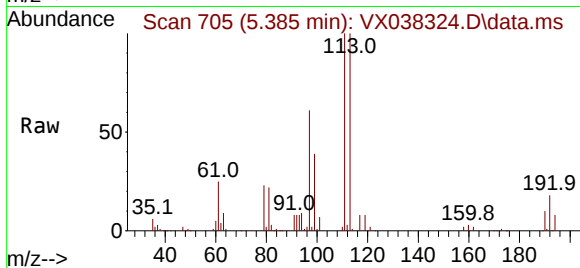
192 18.0 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#36

1,1-Dichloropropene

Concen: 18.588 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

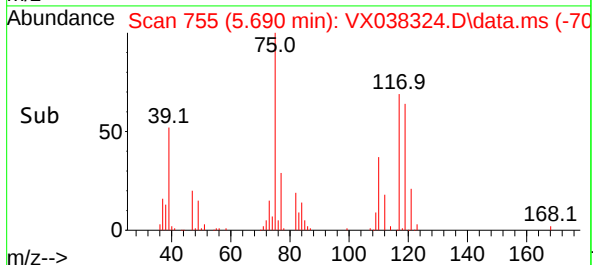
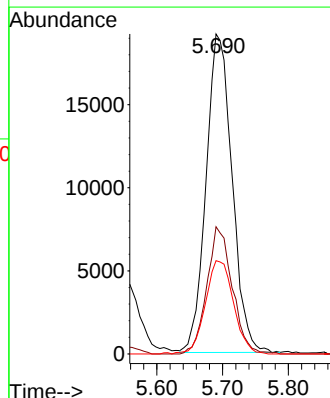
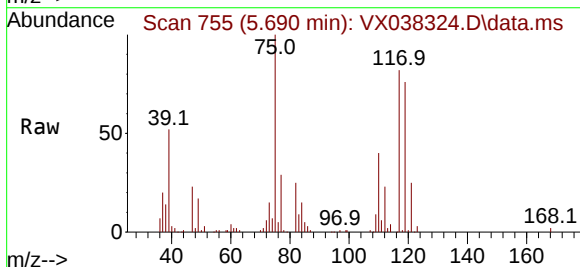
Tgt Ion: 75 Resp: 52834

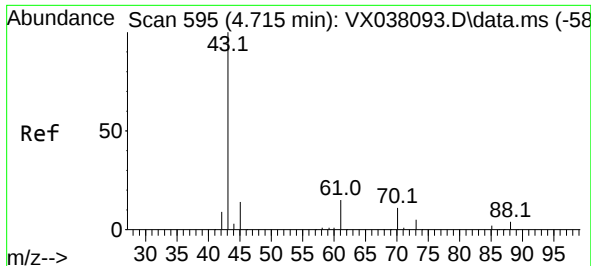
Ion Ratio Lower Upper

75 100

110 39.0 17.0 50.9

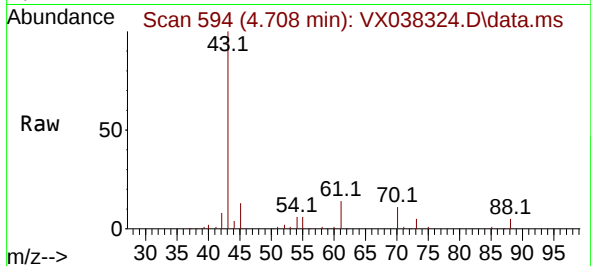
77 31.5 24.7 37.1





#37
Ethyl Acetate
Concen: 18.003 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

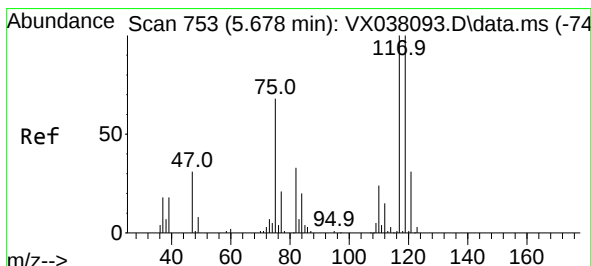
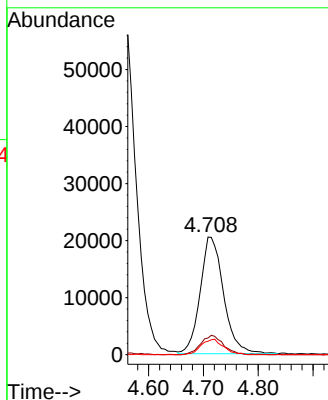
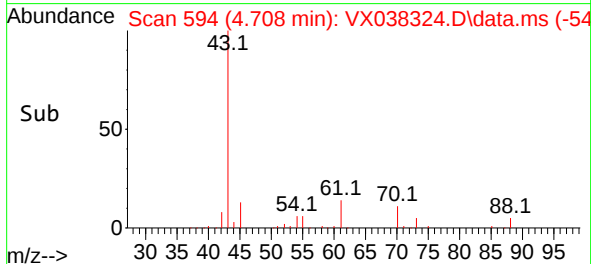
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



Tgt Ion: 43 Resp: 6077
Ion Ratio Lower Upper
43 100
61 16.1 10.6 16.0
70 12.6 8.3 12.5

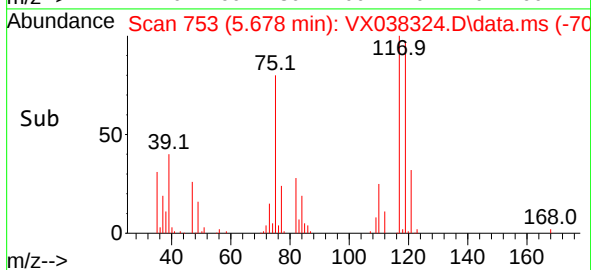
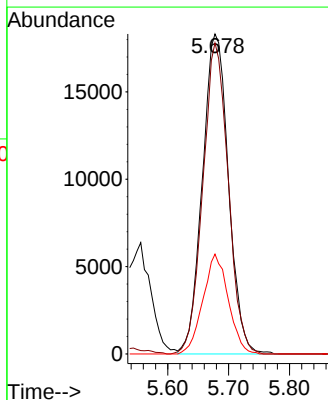
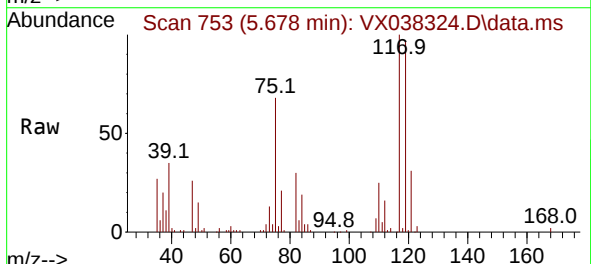
Manual Integrations
APPROVED

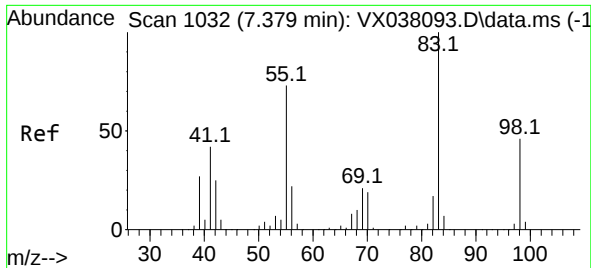
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#38
Carbon Tetrachloride
Concen: 19.506 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion:117 Resp: 54540
Ion Ratio Lower Upper
117 100
119 97.2 78.2 117.2
121 31.2 24.4 36.6





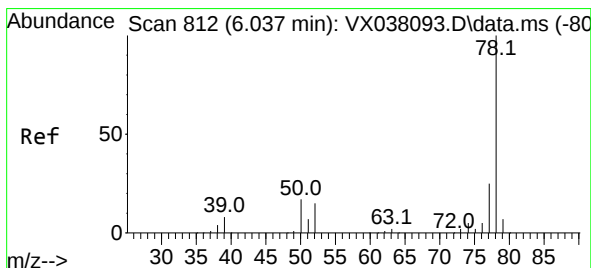
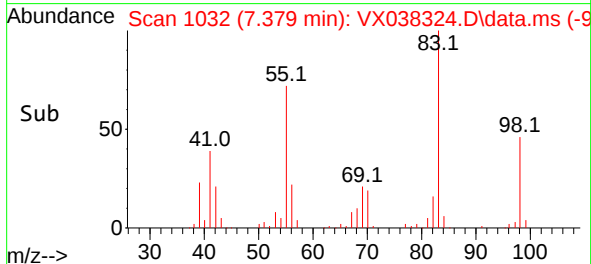
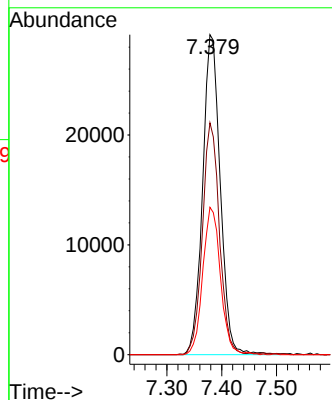
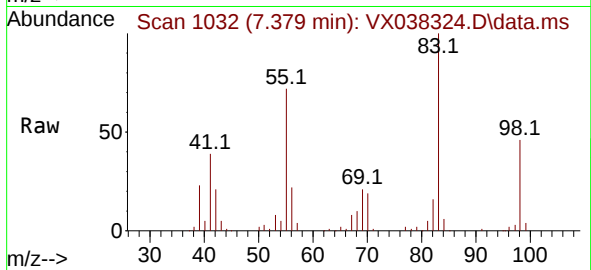
#39
Methylcyclohexane
Concen: 19.552 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion: 83 Resp: 65092
Ion Ratio Lower Upper
83 100
55 72.2 64.6 97.0
98 46.0 36.7 55.1

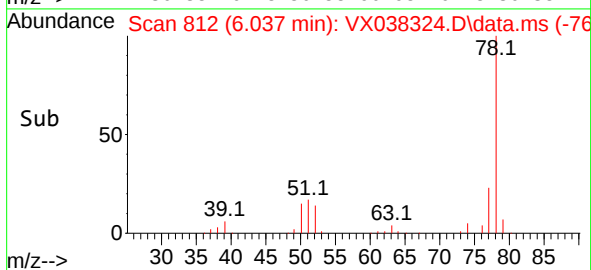
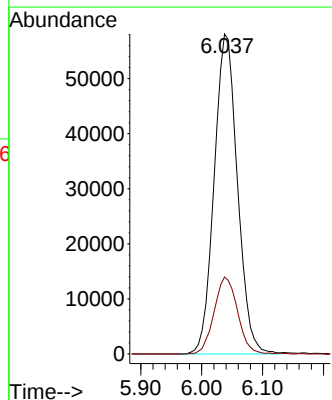
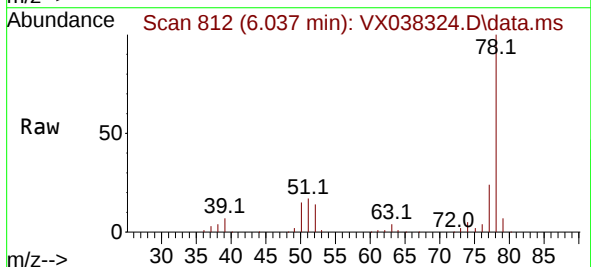
Manual Integrations
APPROVED

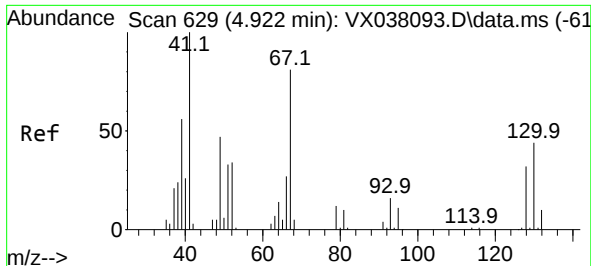
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#40
Benzene
Concen: 19.382 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

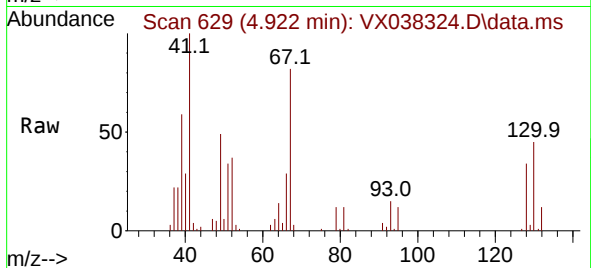
Tgt Ion: 78 Resp: 154082
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 17.998 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

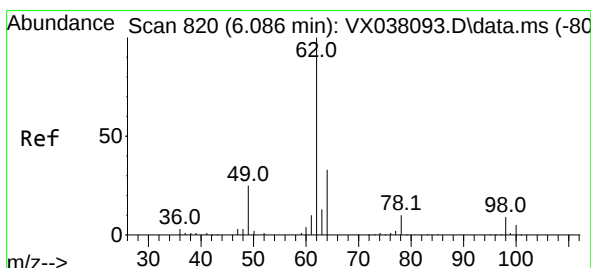
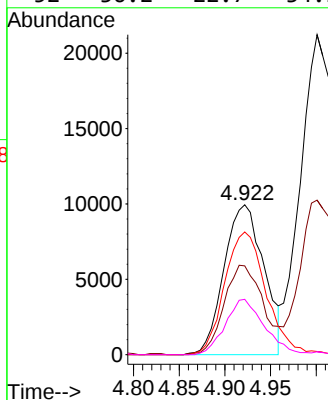
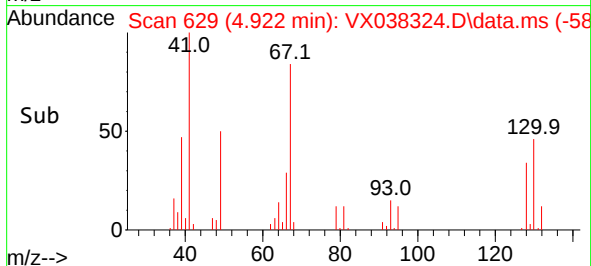
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



Tgt Ion: 41 Resp: 30224
Ion Ratio Lower Upper
41 100
39 60.4 45.2 67.8
67 85.4 52.6 78.8
52 36.2 22.7 34.1#

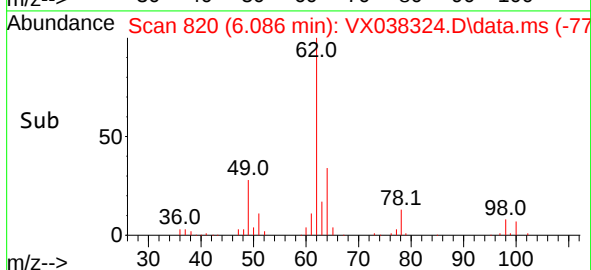
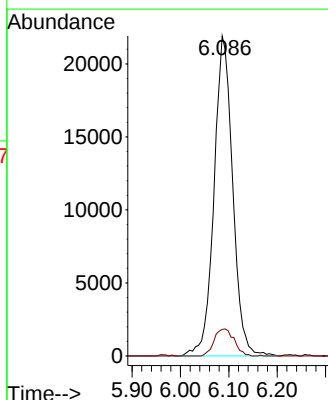
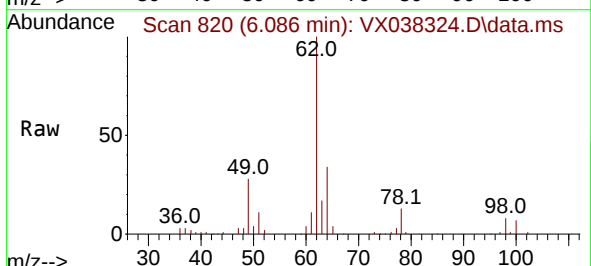
Manual Integrations
APPROVED

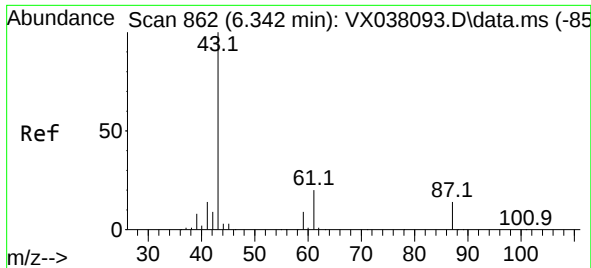
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 18.528 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion: 62 Resp: 58850
Ion Ratio Lower Upper
62 100
98 9.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 17.551 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

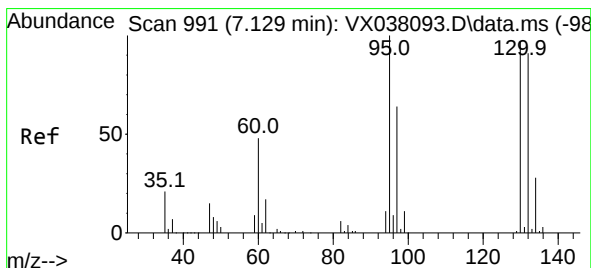
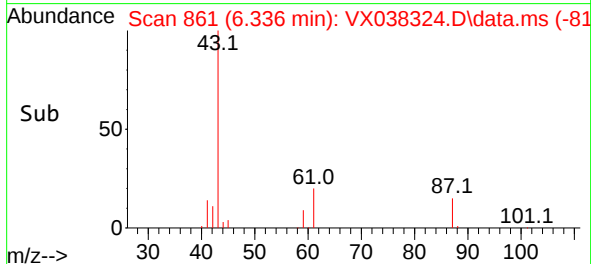
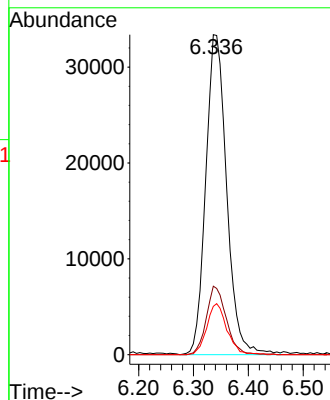
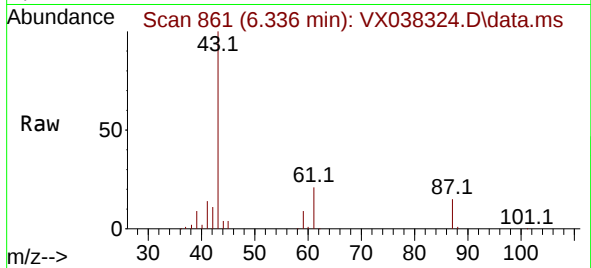
Tgt Ion: 43	Resp: 8844
Ion Ratio	Lower Upper
43 100	
61 20.4	15.2 22.8
87 15.3	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#44

Trichloroethene

Concen: 21.171 ug/l

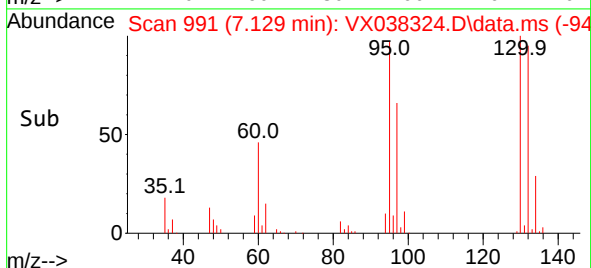
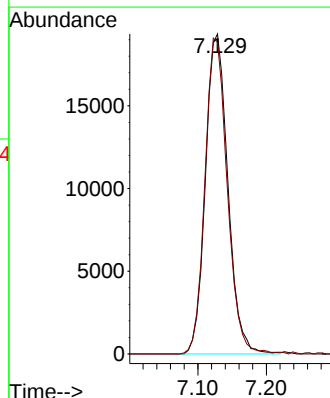
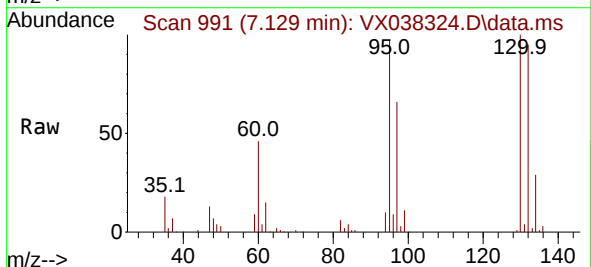
RT: 7.129 min Scan# 991

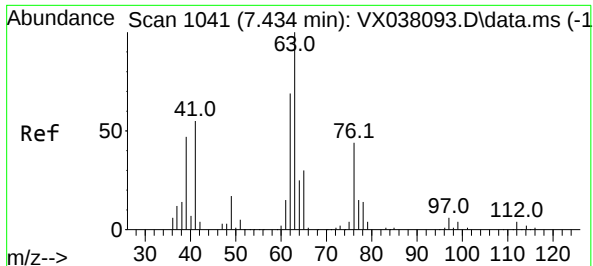
Delta R.T. -0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Tgt Ion:130	Resp: 44020
Ion Ratio	Lower Upper
130 100	
95 97.4	0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.817 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tgt Ion: 63 Resp: 3871

Ion Ratio Lower Upper

63 100

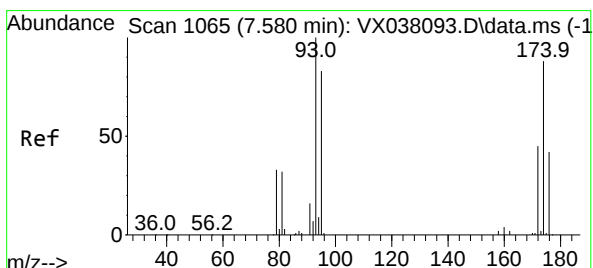
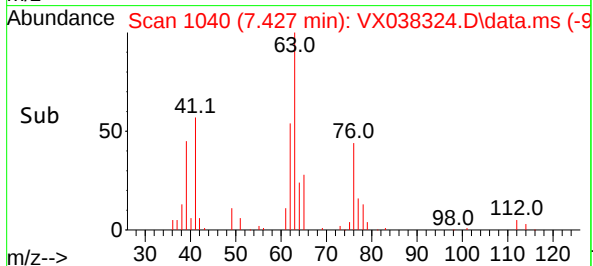
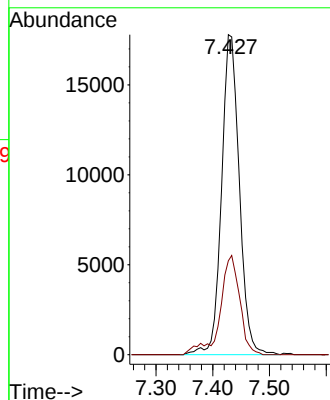
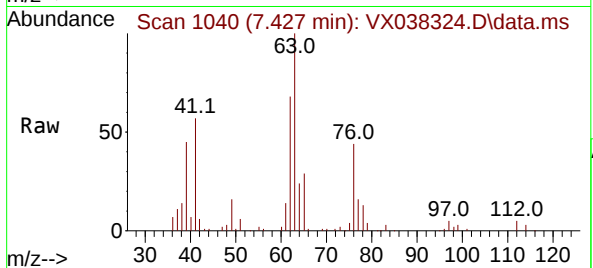
65 29.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 19.430 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

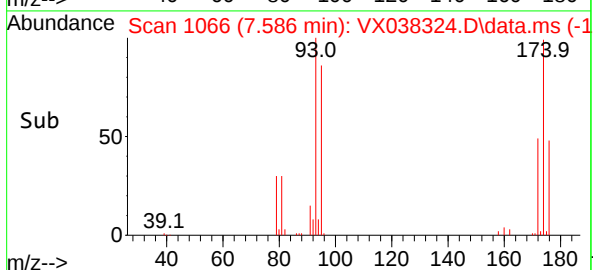
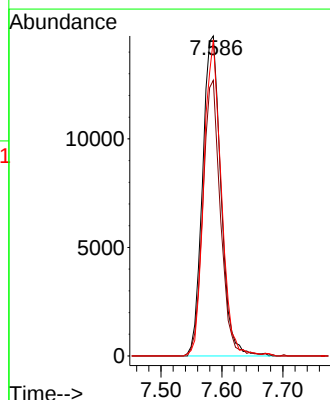
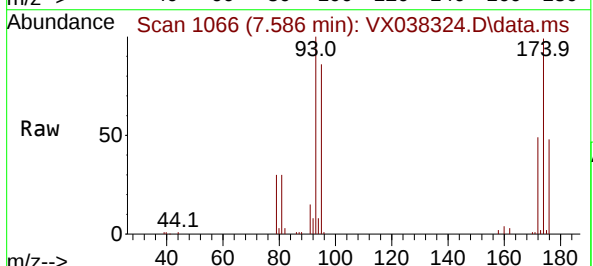
Tgt Ion: 93 Resp: 31007

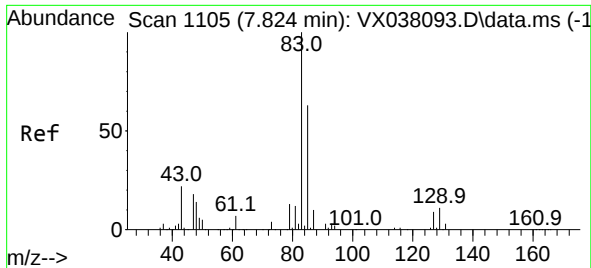
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

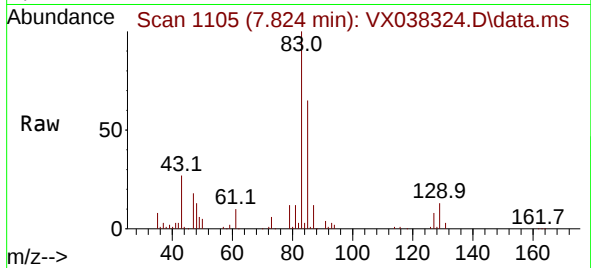
174 93.1 69.4 104.0





#47
Bromodichloromethane
Concen: 18.489 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

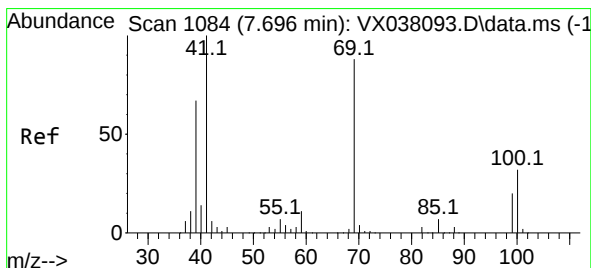
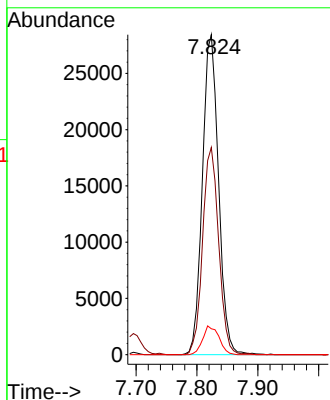
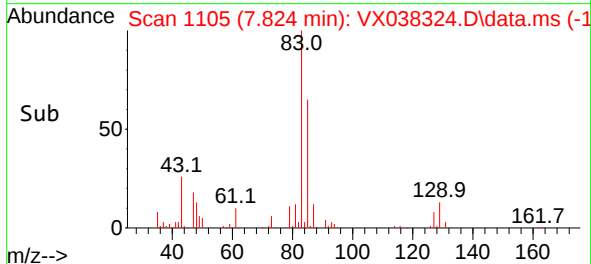
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



Tgt Ion: 83 Resp: 52489
Ion Ratio Lower Upper
83 100
85 64.8 49.8 74.6
127 8.1 7.1 10.7

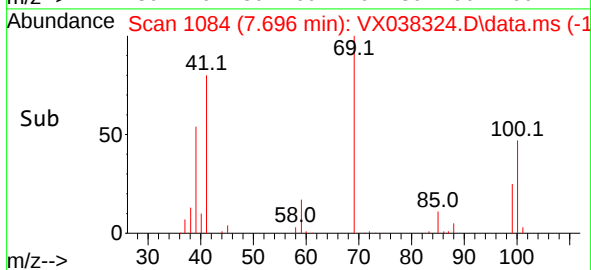
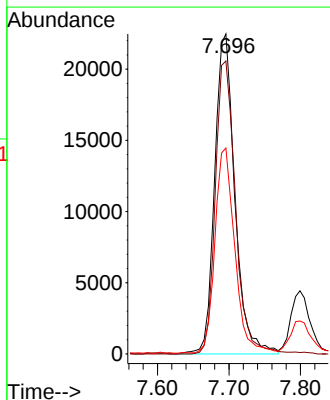
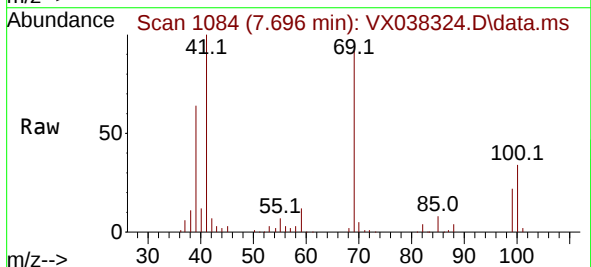
Manual Integrations
APPROVED

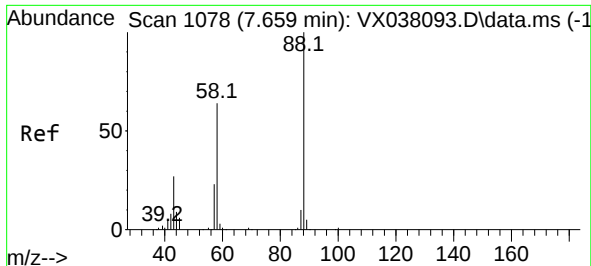
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 18.332 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

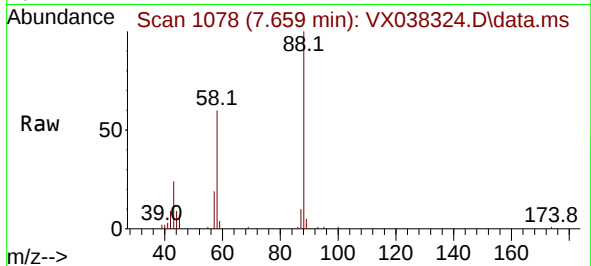
Tgt Ion: 41 Resp: 44101
Ion Ratio Lower Upper
41 100
69 91.5 59.2 88.8#
39 62.6 47.7 71.5





#49
1,4-Dioxane
Concen: 390.194 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

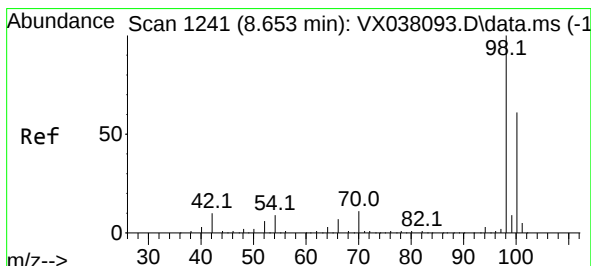
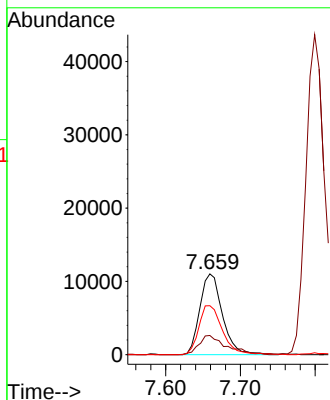
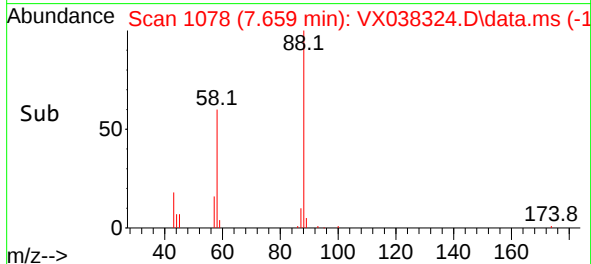
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



Tgt Ion: 88 Resp: 2313
Ion Ratio Lower Upper
88 100
43 28.8 0.0 0.0
58 63.5 60.1 90.1

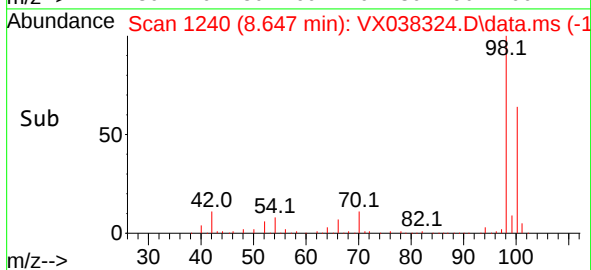
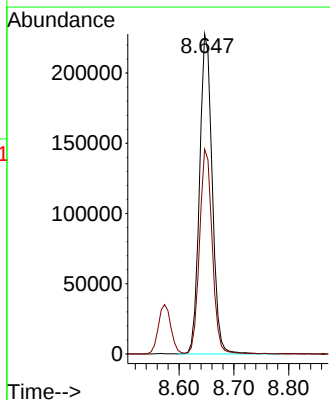
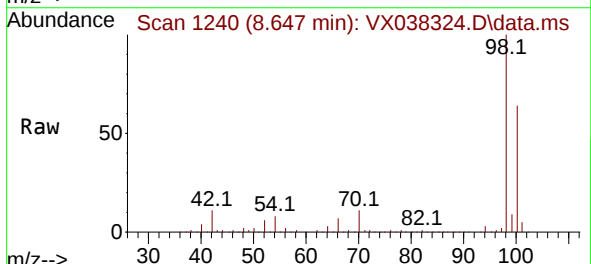
Manual Integrations
APPROVED

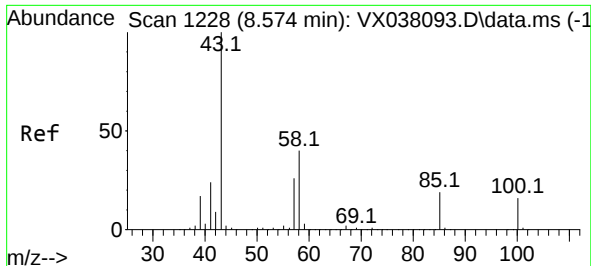
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#50
Toluene-d8
Concen: 46.419 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion: 98 Resp: 365610
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 92.478 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.001 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tgt Ion: 43 Resp: 32144

Ion Ratio Lower Upper

43 100

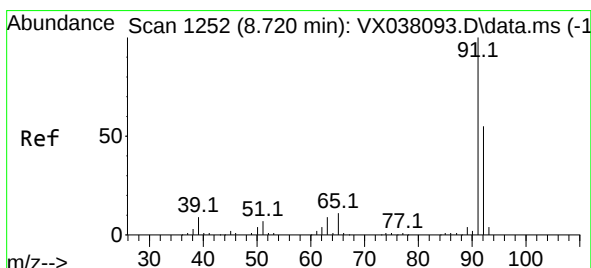
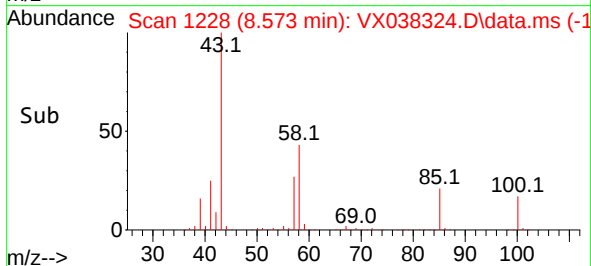
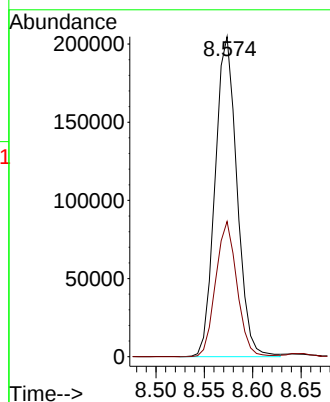
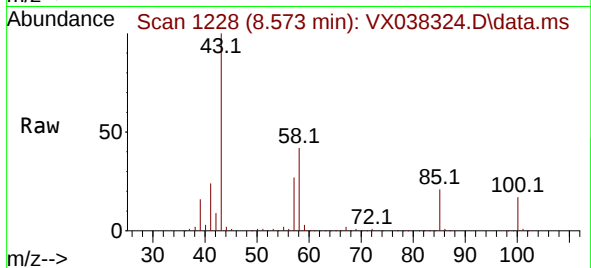
58 41.1 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#52

Toluene

Concen: 19.879 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038324.D

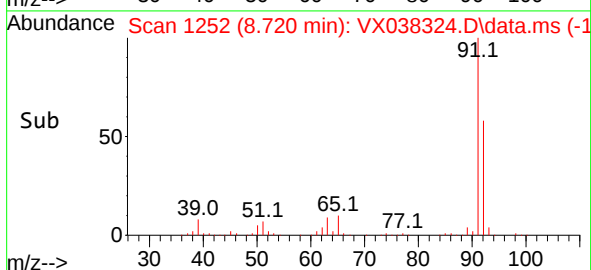
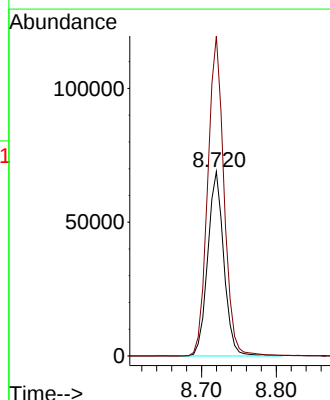
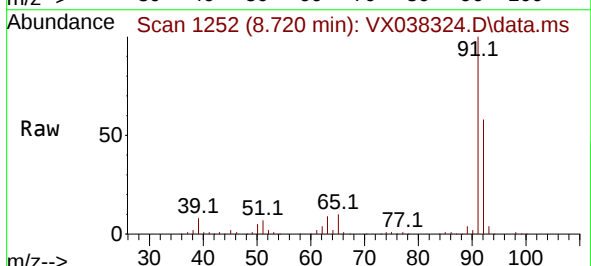
Acq: 17 Oct 2023 13:08

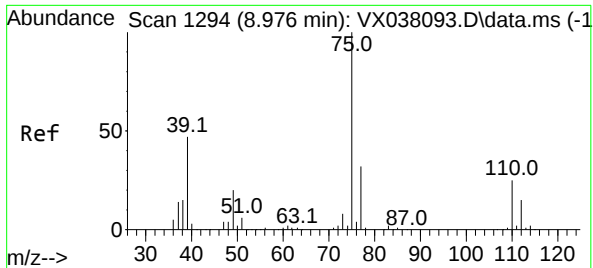
Tgt Ion: 92 Resp: 102944

Ion Ratio Lower Upper

92 100

91 175.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 17.946 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tgt Ion: 75 Resp: 5468

Ion Ratio Lower Upper

75 100

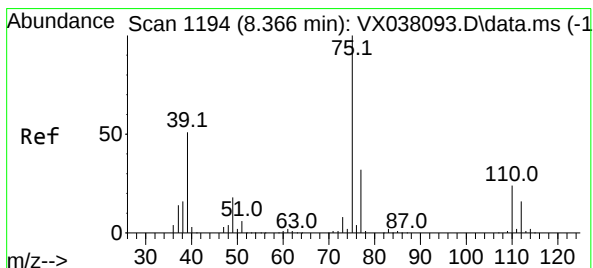
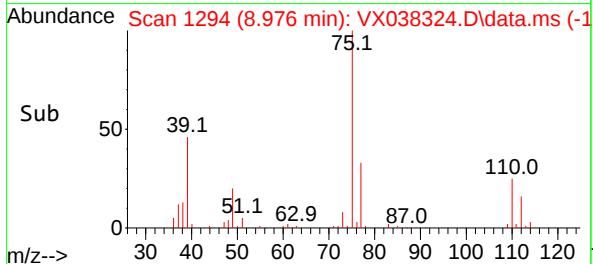
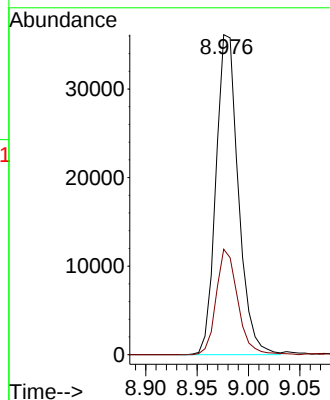
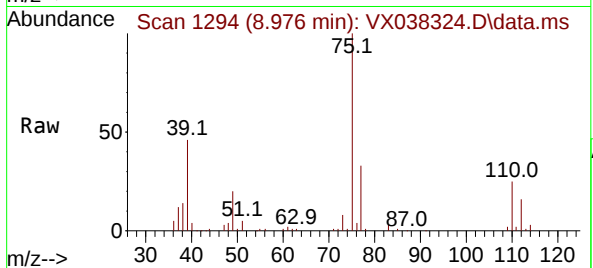
77 33.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#54

cis-1,3-Dichloropropene

Concen: 18.804 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

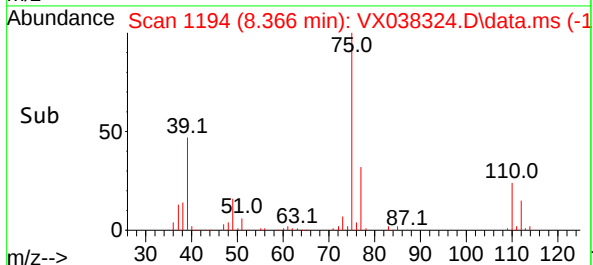
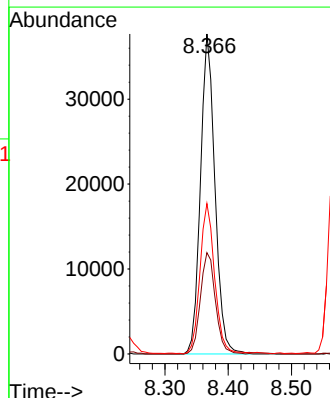
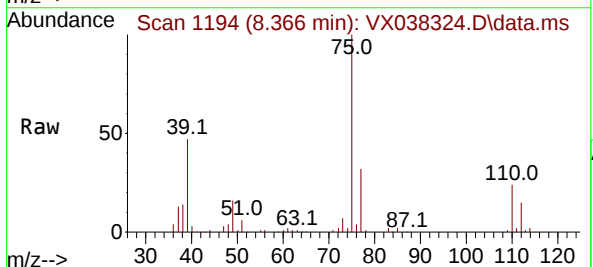
Tgt Ion: 75 Resp: 60202

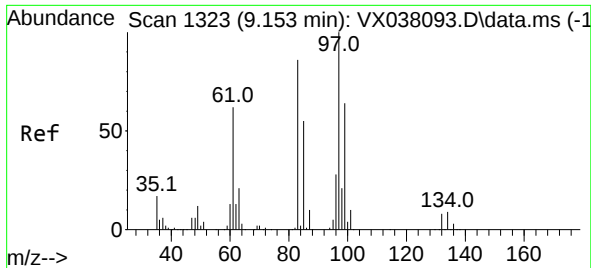
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

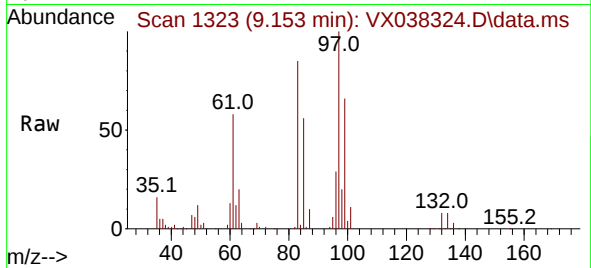
39 46.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.298 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

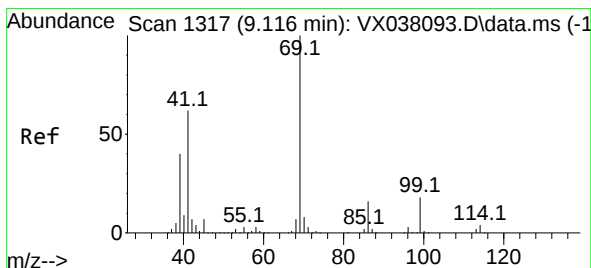
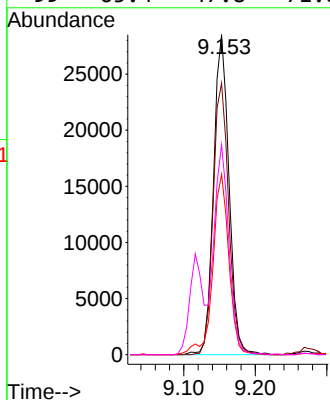
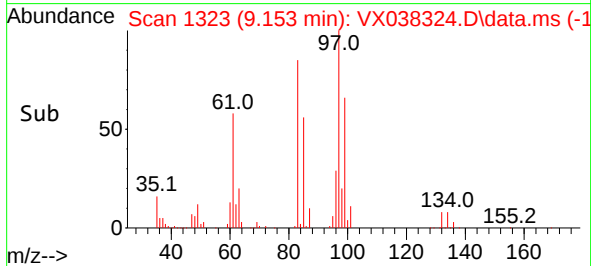
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



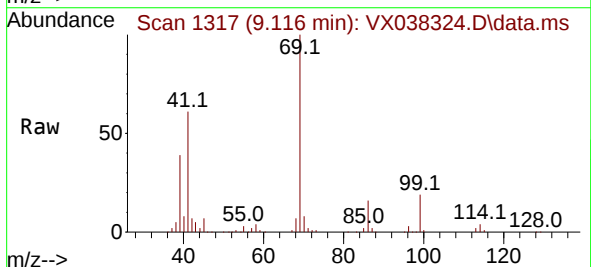
Tgt Ion:	97	Resp:	4274
Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.8	98.8
85	56.4	41.6	62.4
99	65.4	47.8	71.8

Manual Integrations
APPROVED

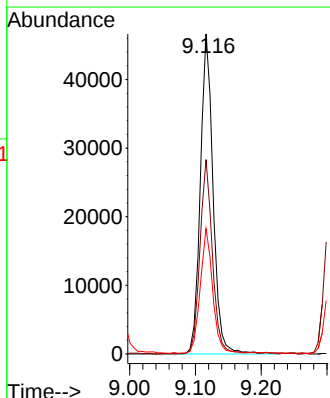
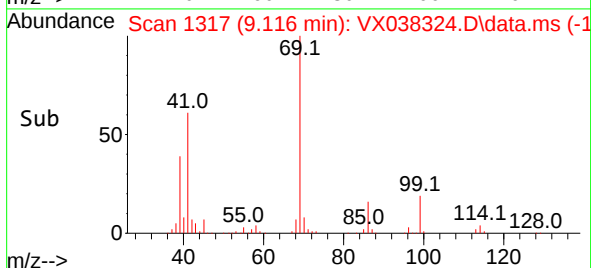
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

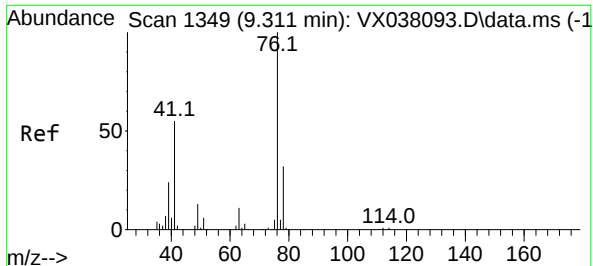


#56
Ethyl methacrylate
Concen: 18.530 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08



Tgt Ion:	69	Resp:	62930
Ion	Ratio	Lower	Upper
69	100		
41	59.2	56.8	85.2
39	38.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.353 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tgt Ion: 76 Resp: 6933

Ion Ratio Lower Upper

76 100

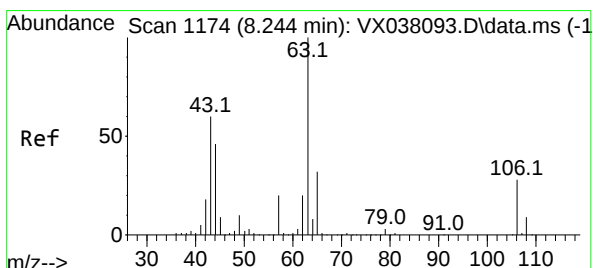
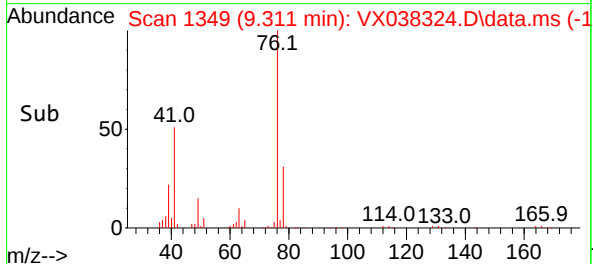
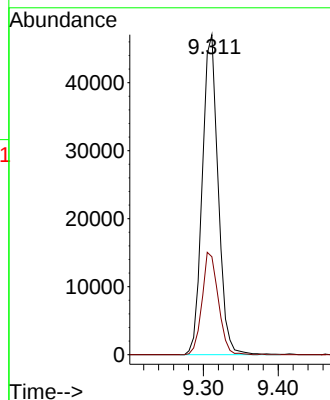
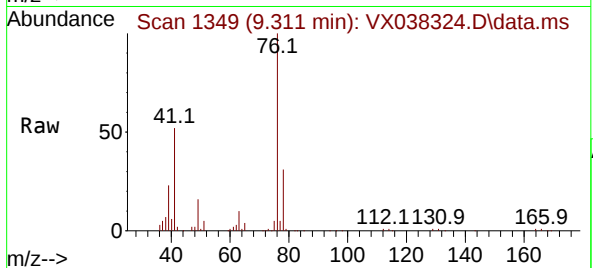
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 85.488 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038324.D

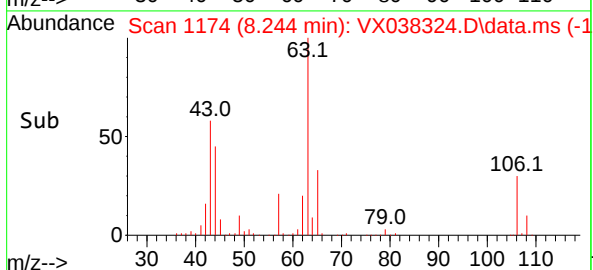
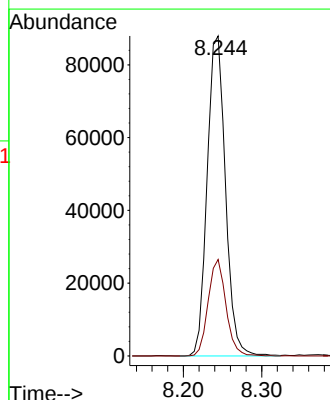
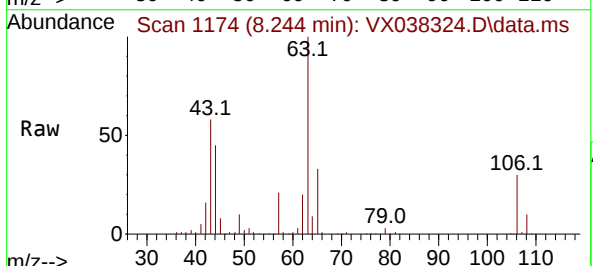
Acq: 17 Oct 2023 13:08

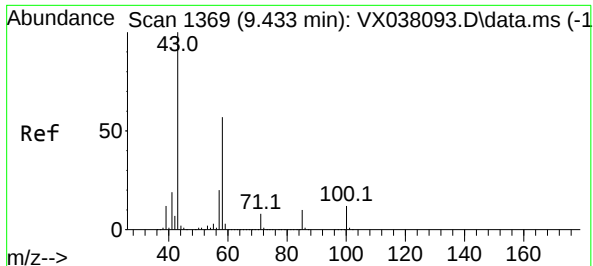
Tgt Ion: 63 Resp: 142510

Ion Ratio Lower Upper

63 100

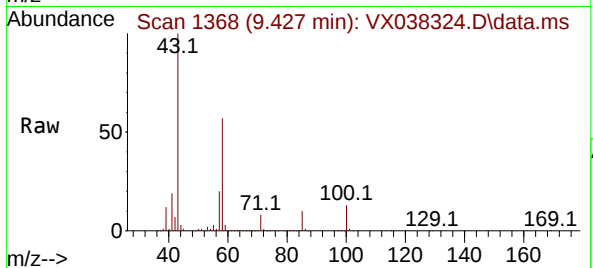
106 29.3 22.5 33.7





#59
2-Hexanone
Concen: 94.420 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

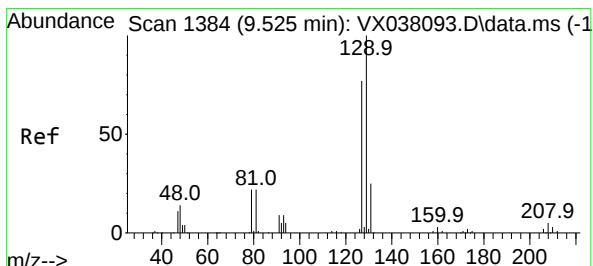
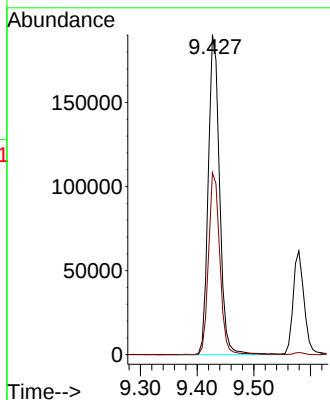
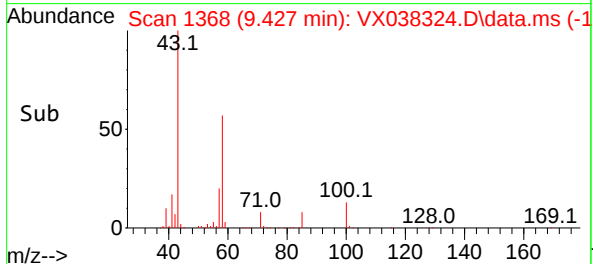
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



Tgt Ion: 43 Resp: 26384
Ion Ratio Lower Upper
43 100
58 56.7 26.2 78.5

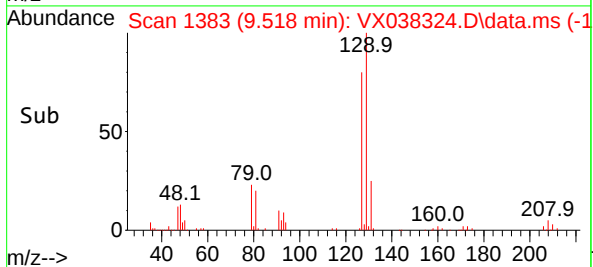
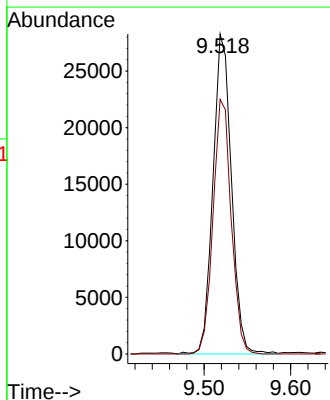
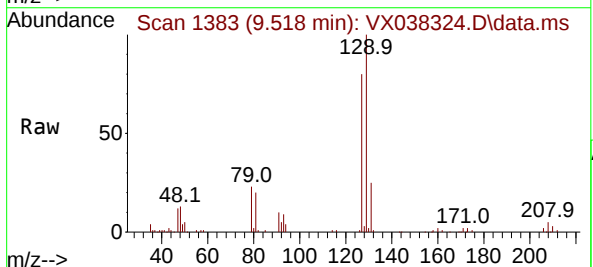
Manual Integrations
APPROVED

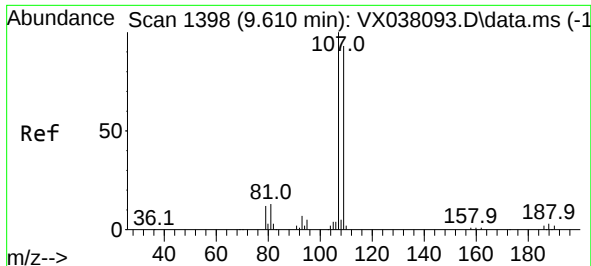
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 19.313 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

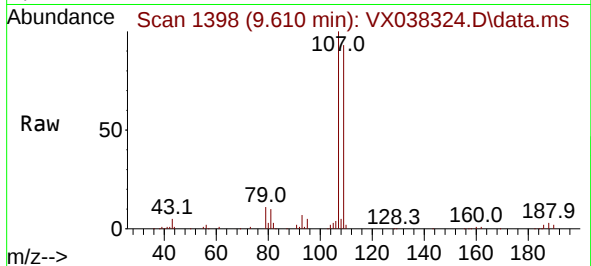
Tgt Ion:129 Resp: 41867
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.988 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

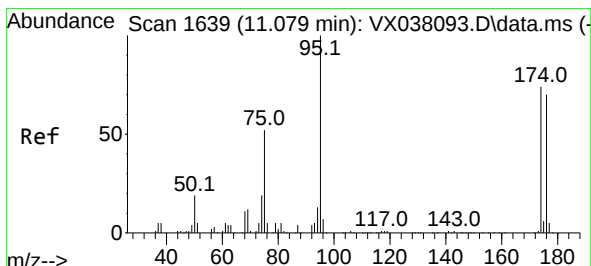
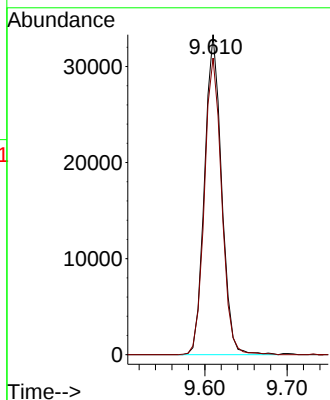
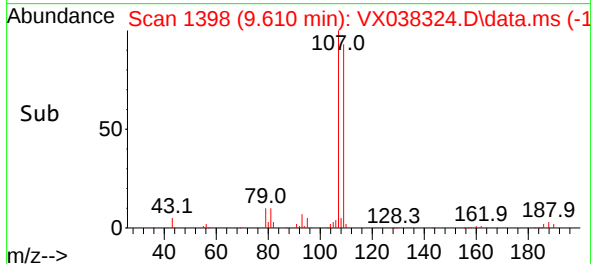
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



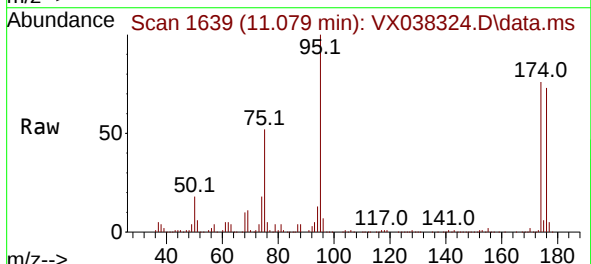
Tgt Ion:107 Resp: 47878
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

Manual Integrations
APPROVED

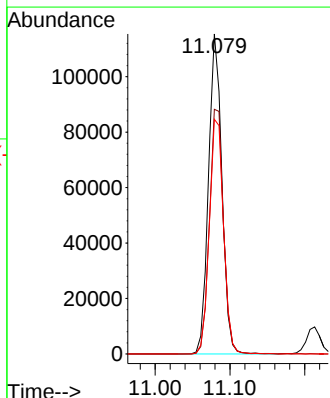
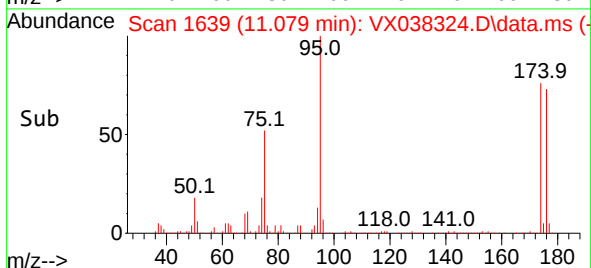
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

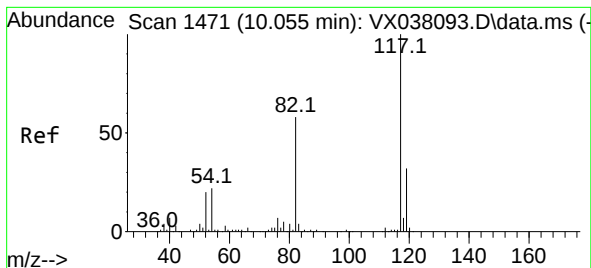


#62
4-Bromofluorobenzene
Concen: 48.131 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08



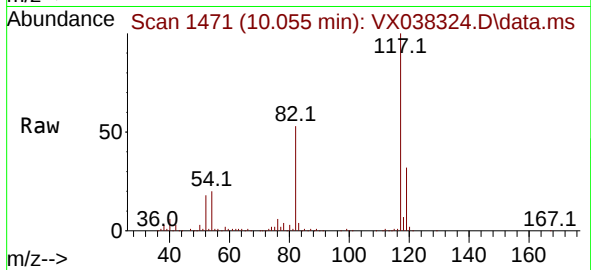
Tgt Ion: 95 Resp: 143718
Ion Ratio Lower Upper
95 100
174 80.1 0.0 135.6
176 77.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

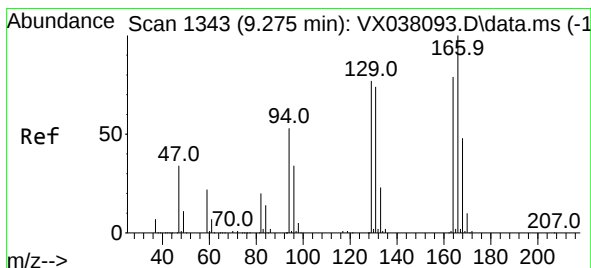
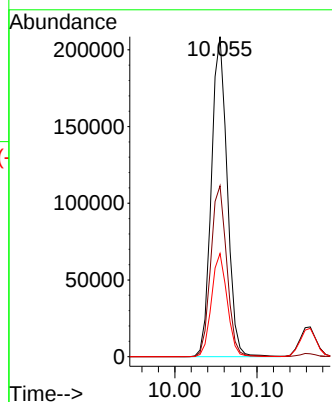
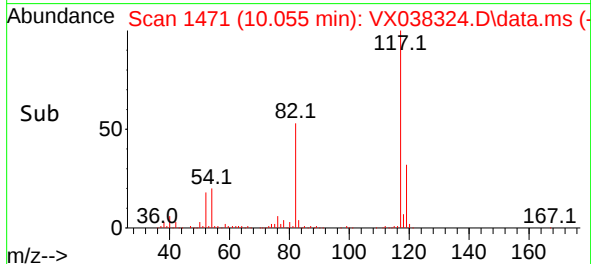
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



Tgt Ion:117 Resp: 278782
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 32.2 25.5 38.3

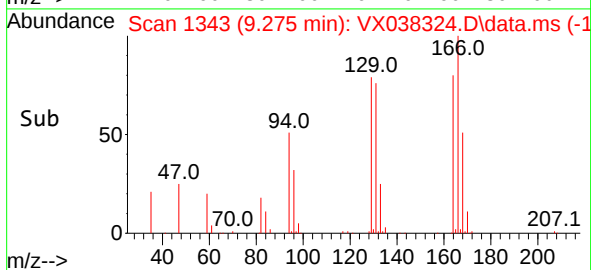
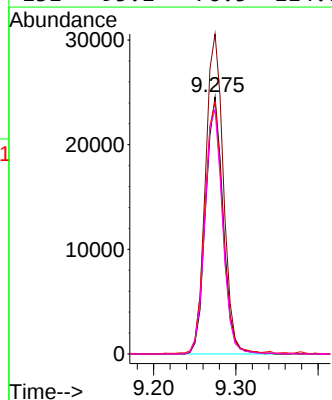
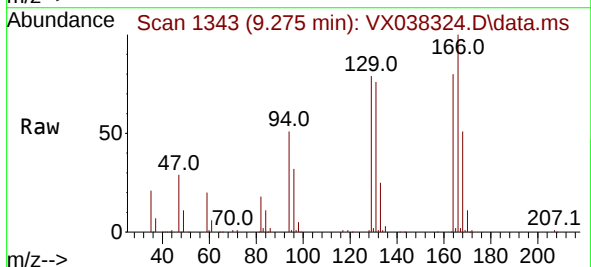
Manual Integrations
APPROVED

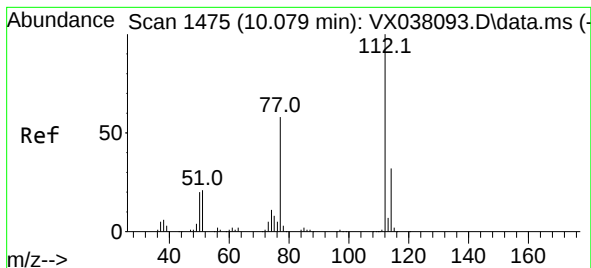
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 20.095 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion:164 Resp: 36267
Ion Ratio Lower Upper
164 100
166 124.6 102.7 154.1
129 97.7 80.4 120.6
131 95.1 76.5 114.7





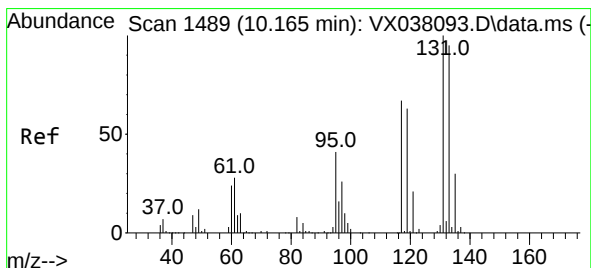
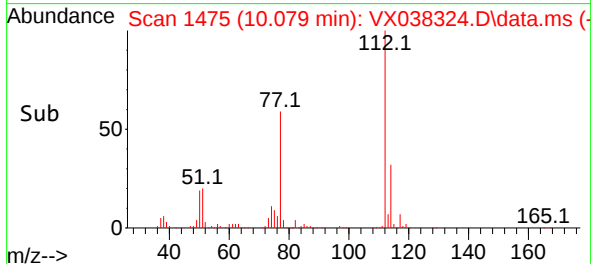
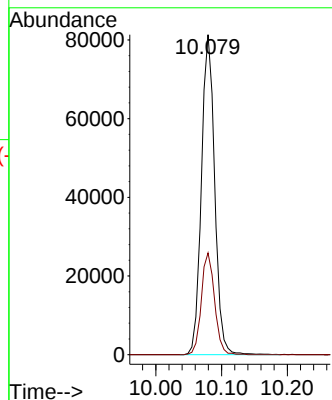
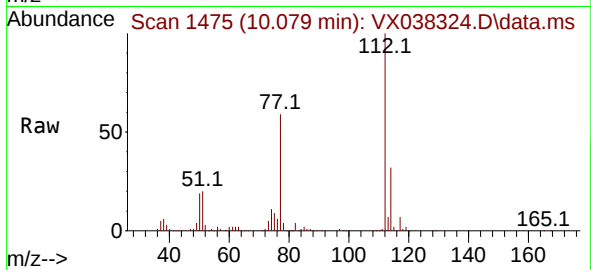
#65
Chlorobenzene
Concen: 19.535 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion:112 Resp: 113958
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

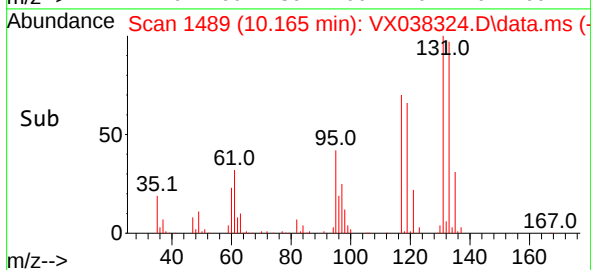
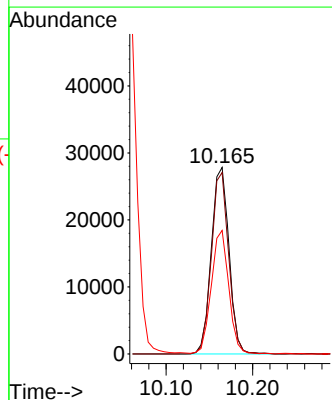
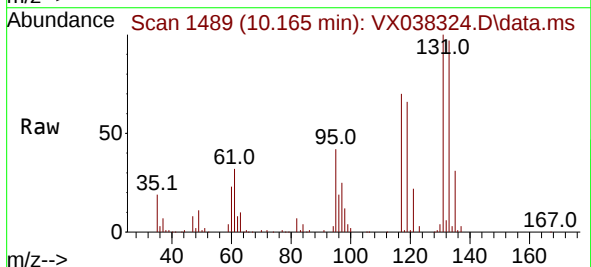
Manual Integrations
APPROVED

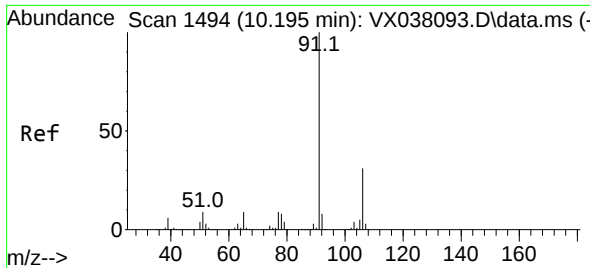
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.065 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

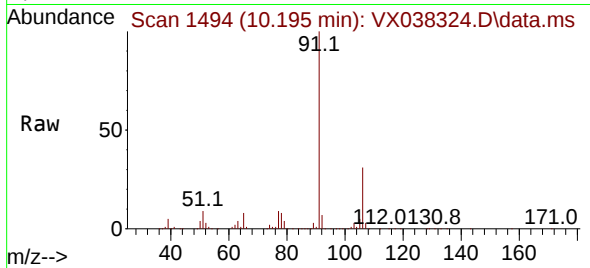
Tgt Ion:131 Resp: 39581
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 65.5 32.2 96.6





#67
Ethyl Benzene
Concen: 19.373 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

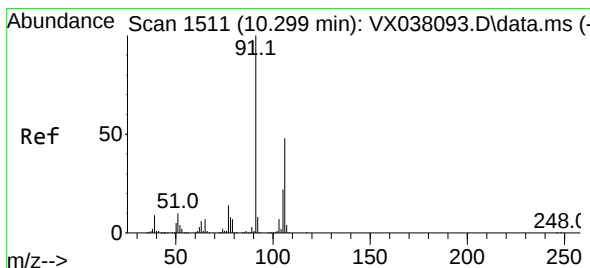
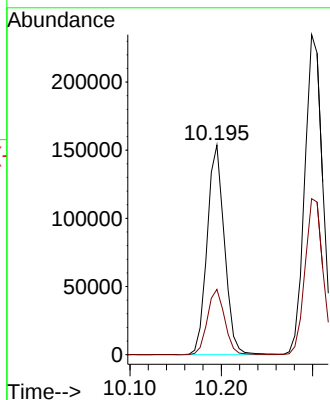
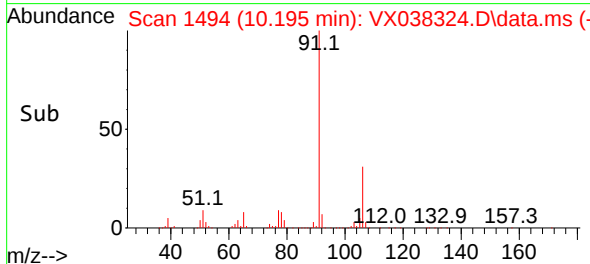
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



Tgt Ion: 91 Resp: 201720
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

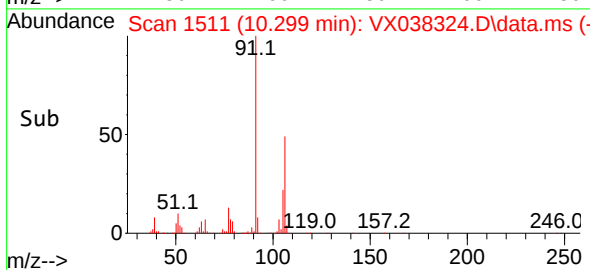
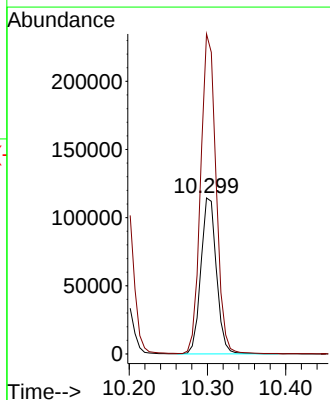
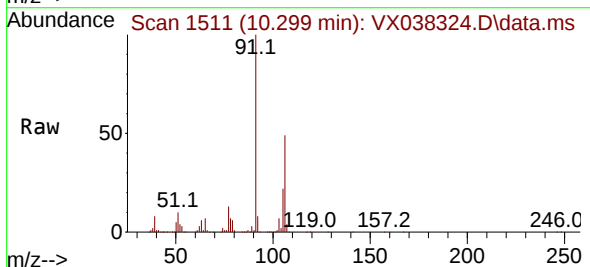
Manual Integrations
APPROVED

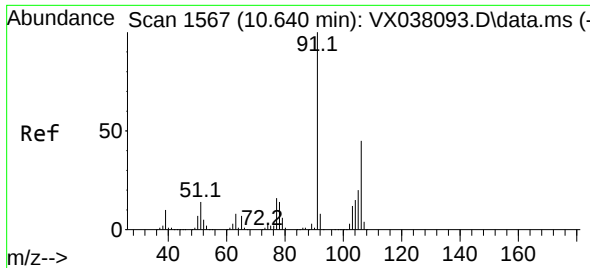
Reviewed By :John Carbone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 39.166 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion:106 Resp: 157695
Ion Ratio Lower Upper
106 100
91 203.9 165.5 248.3





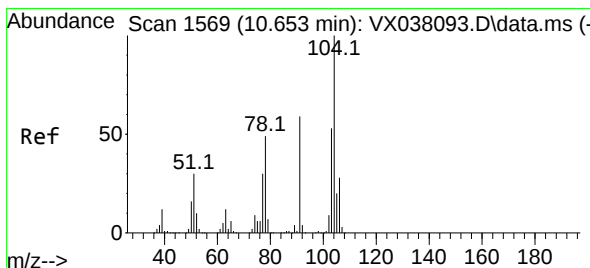
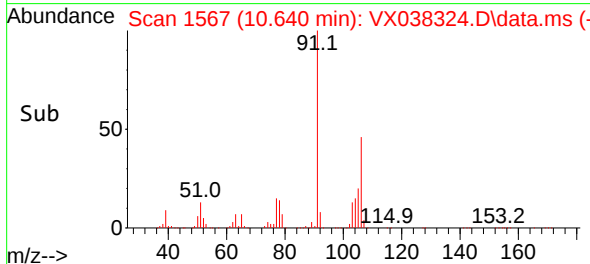
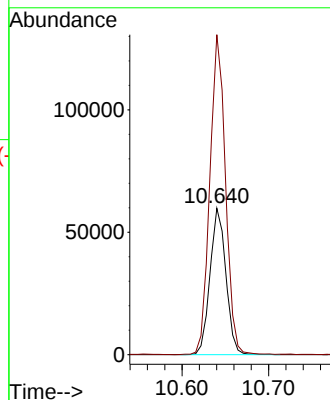
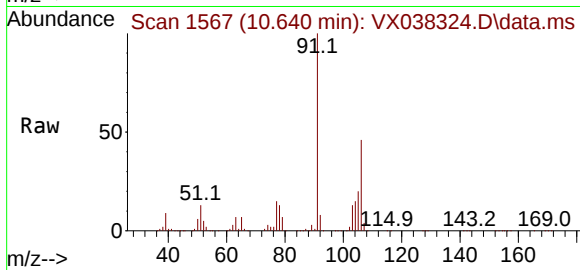
#69
o-Xylene
Concen: 19.391 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion:106 Resp: 7620
Ion Ratio Lower Upper
106 100
91 215.5 108.9 326.8

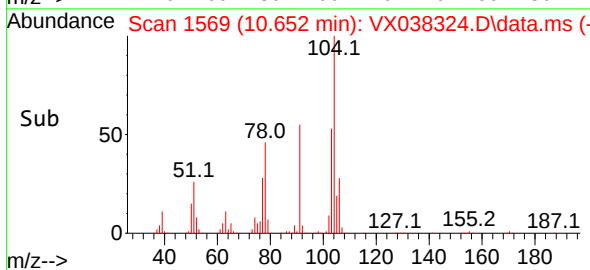
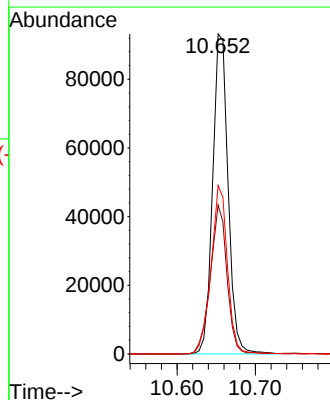
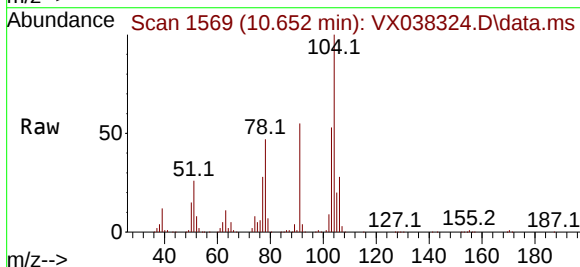
Manual Integrations
APPROVED

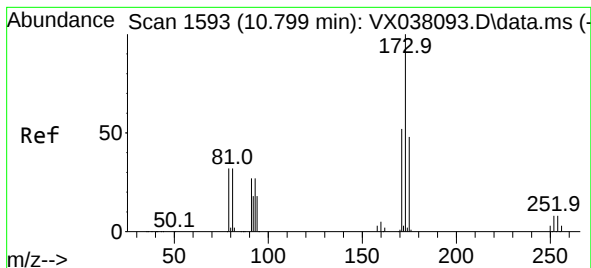
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 19.961 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

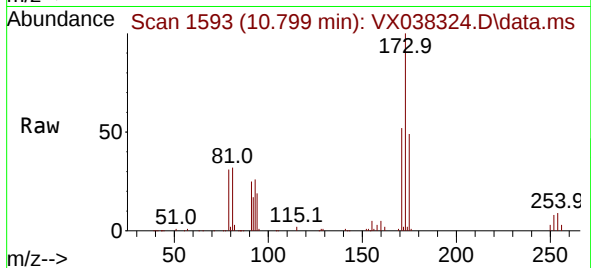
Tgt Ion:104 Resp: 127745
Ion Ratio Lower Upper
104 100
78 50.1 43.6 65.4
103 55.8 43.6 65.4





#71
Bromoform
Concen: 18.311 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

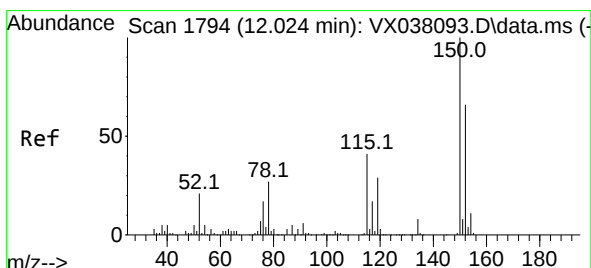
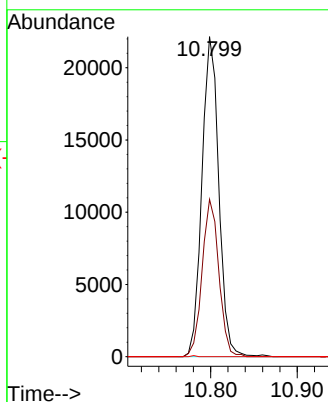
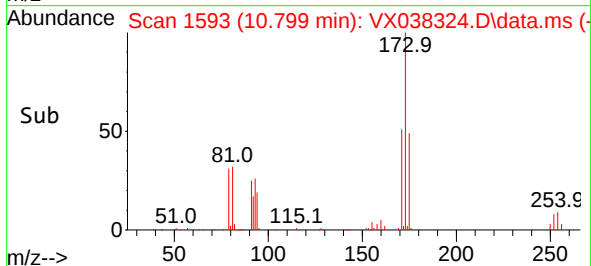
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



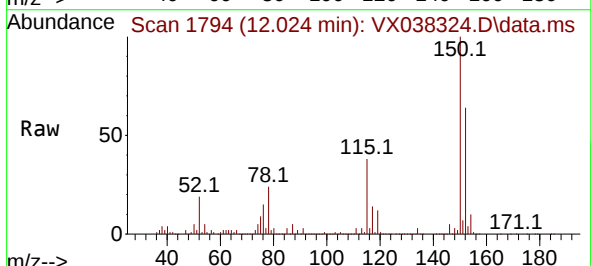
Tgt Ion:173 Resp: 29980
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

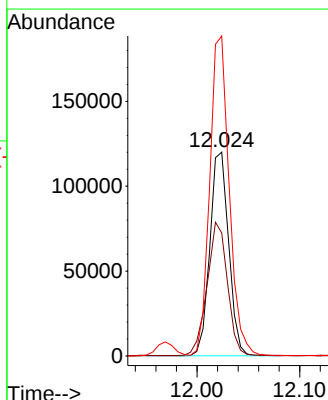
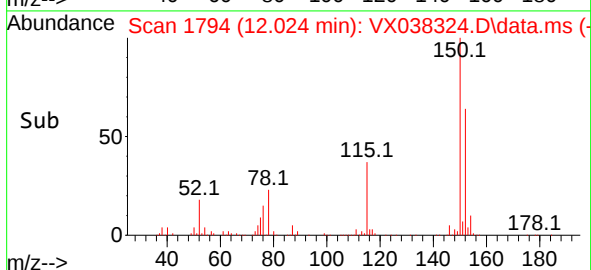
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

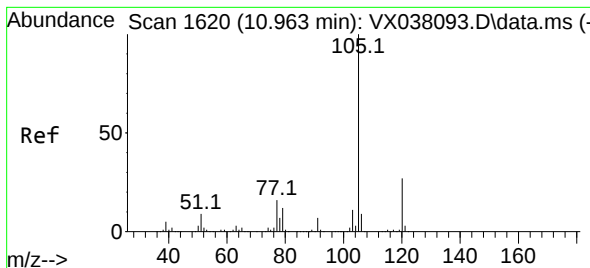


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08



Tgt Ion:152 Resp: 152553
Ion Ratio Lower Upper
152 100
115 70.4 43.3 129.9
150 162.7 0.0 345.0





#73

Isopropylbenzene

Concen: 20.122 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tgt Ion:105 Resp: 20586

Ion Ratio Lower Upper

105 100

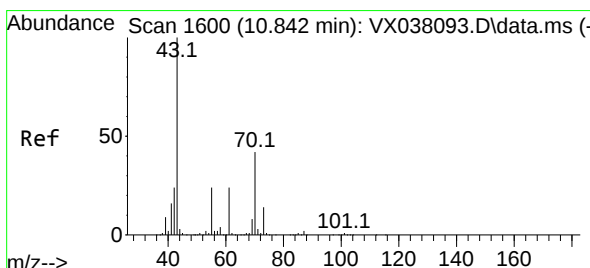
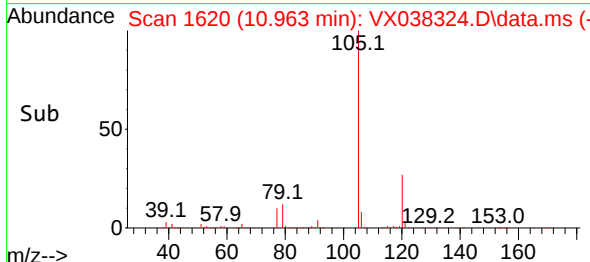
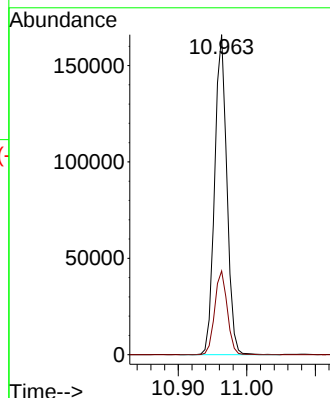
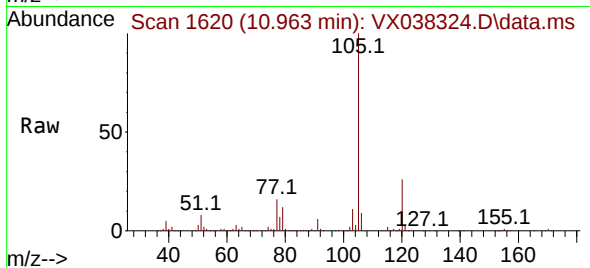
120 26.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 18.097 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Tgt Ion: 43 Resp: 79065

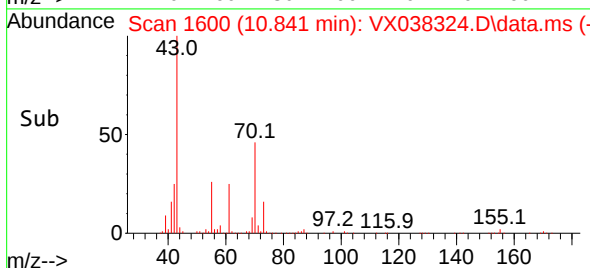
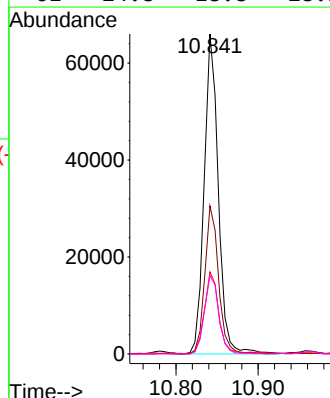
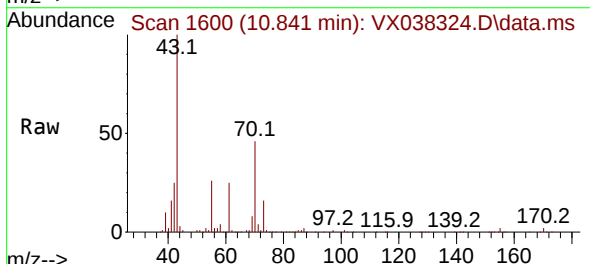
Ion Ratio Lower Upper

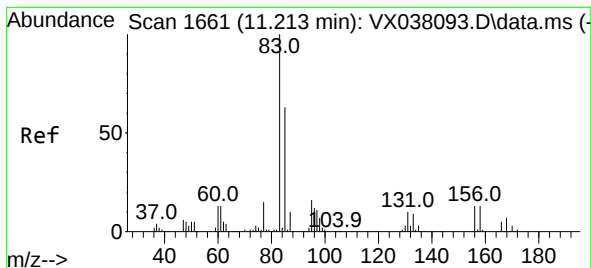
43 100

70 45.1 32.9 49.3

55 25.4 19.3 28.9

61 24.8 18.8 28.2





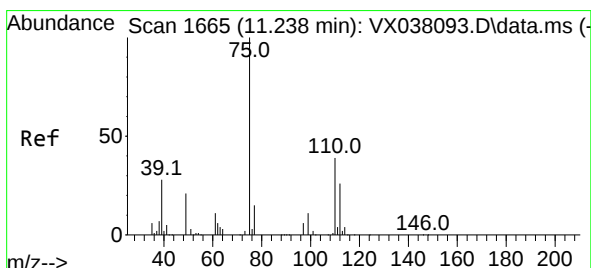
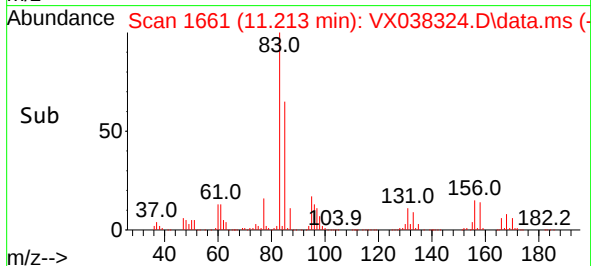
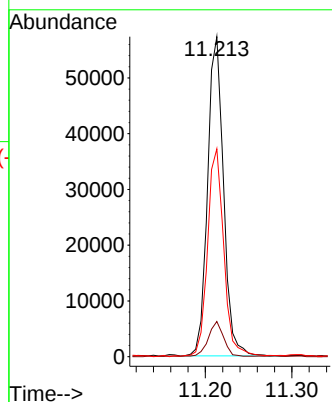
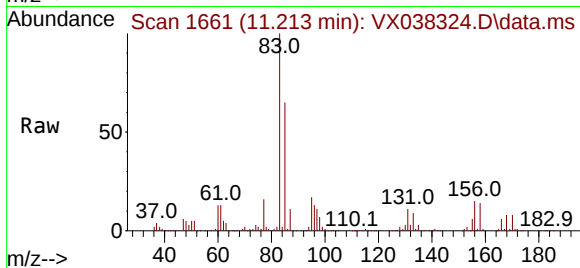
#75
1,1,2,2-Tetrachloroethane
Concen: 19.468 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion: 83 Resp: 73085
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 66.9 32.0 96.2

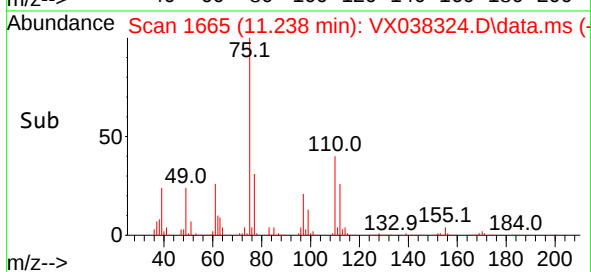
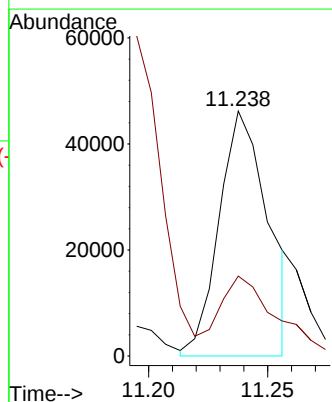
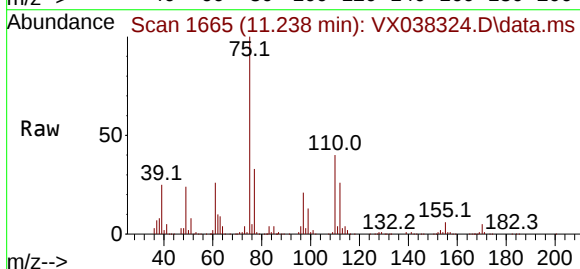
Manual Integrations
APPROVED

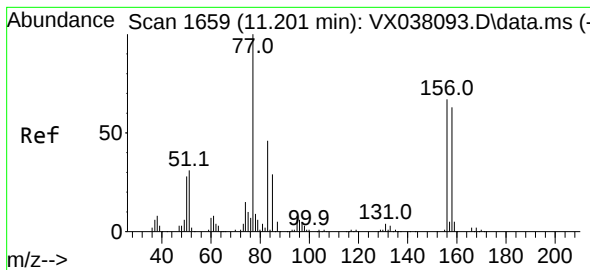
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 18.953 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion: 75 Resp: 65732
Ion Ratio Lower Upper
75 100
77 37.2 19.1 57.5





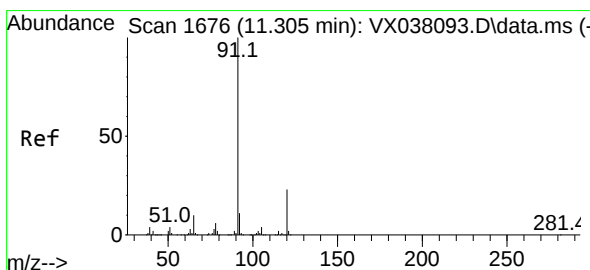
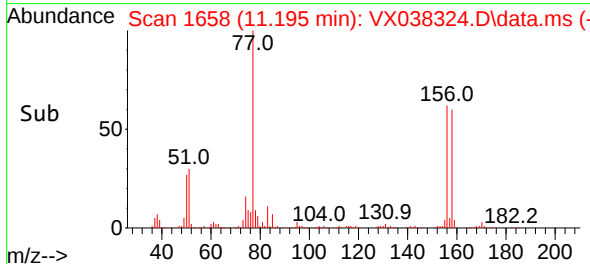
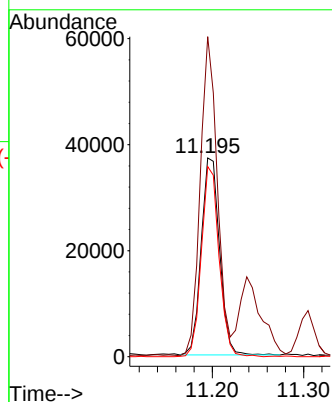
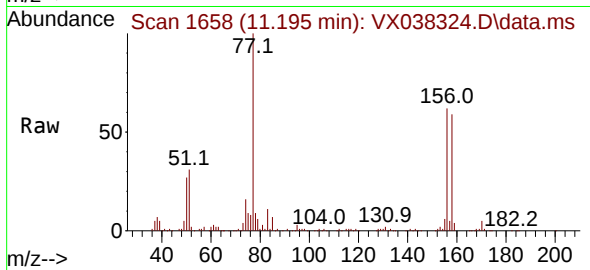
#77
Bromobenzene
Concen: 20.707 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion:156 Resp: 5172
Ion Ratio Lower Upper
156 100
77 149.6 88.4 265.3
158 93.3 48.0 144.0

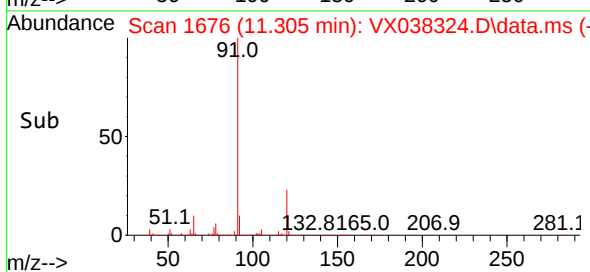
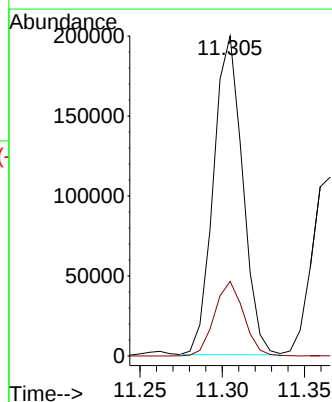
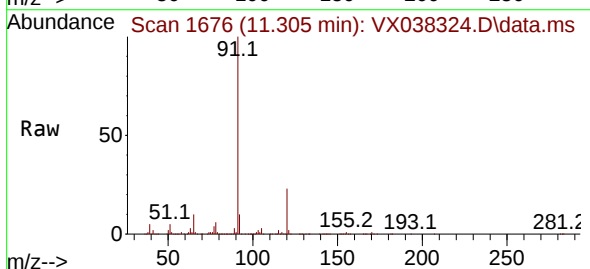
Manual Integrations
APPROVED

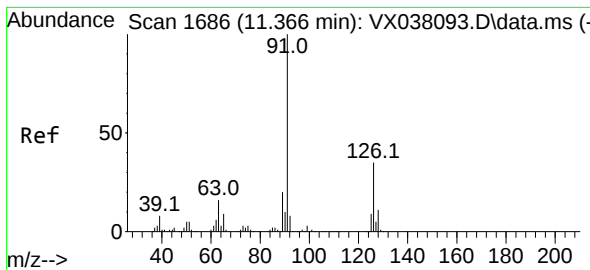
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#78
n-propylbenzene
Concen: 19.615 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion: 91 Resp: 245370
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





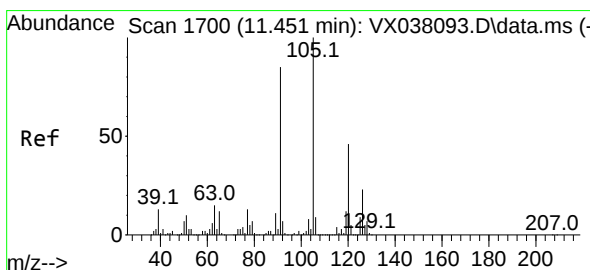
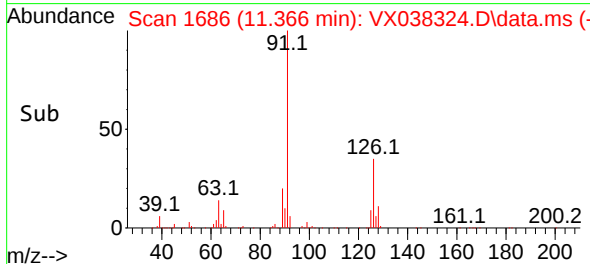
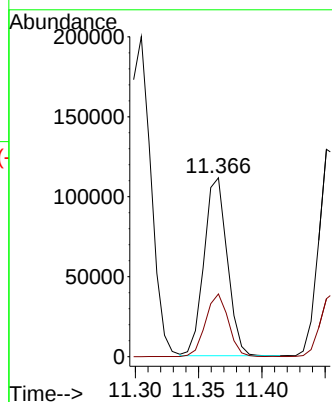
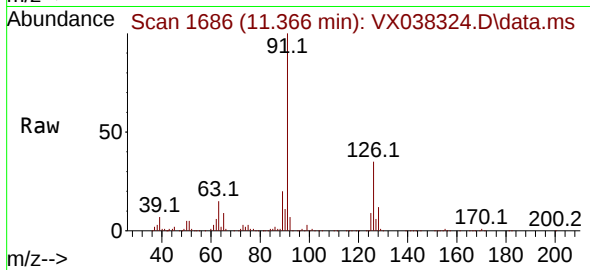
#79
2-Chlorotoluene
Concen: 19.210 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion: 91 Resp: 142511
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

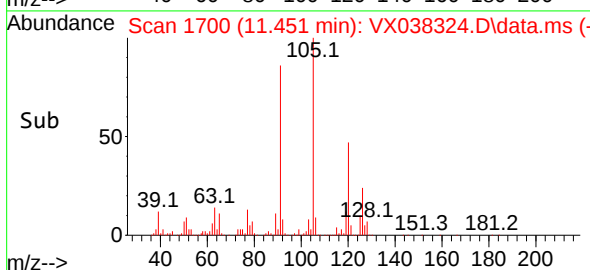
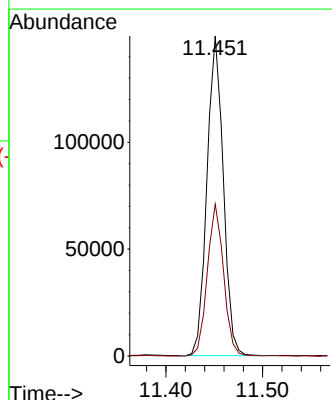
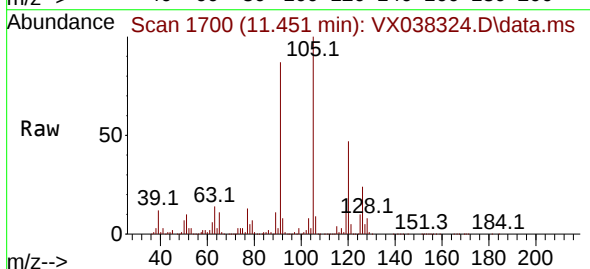
Manual Integrations
APPROVED

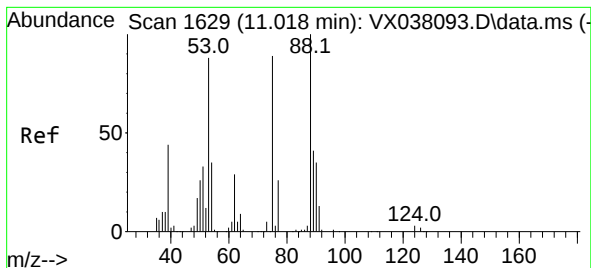
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.906 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

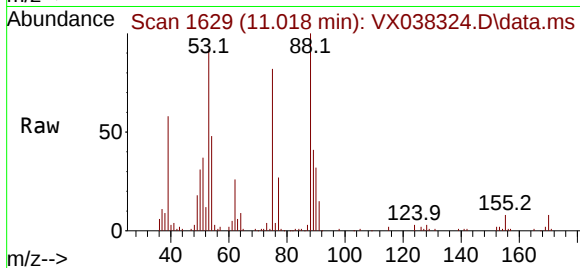
Tgt Ion:105 Resp: 175696
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.037 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

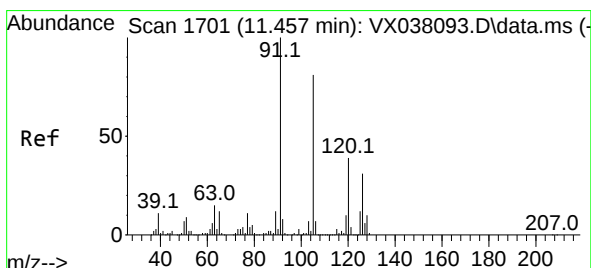
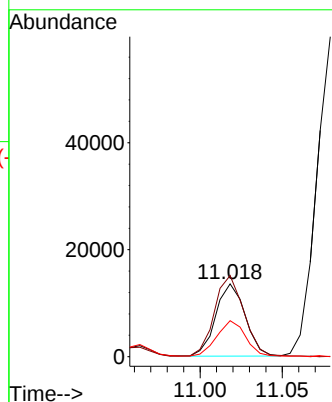
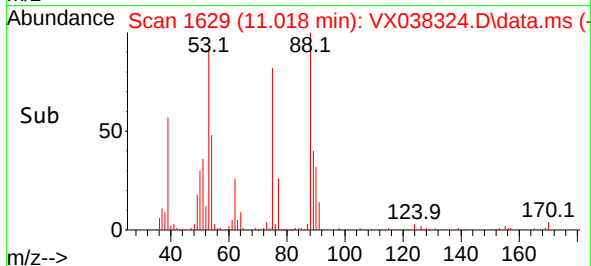
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



Tgt Ion: 75 Resp: 16799
Ion Ratio Lower Upper
75 100
53 114.4 90.5 135.7
89 50.2 36.9 55.3

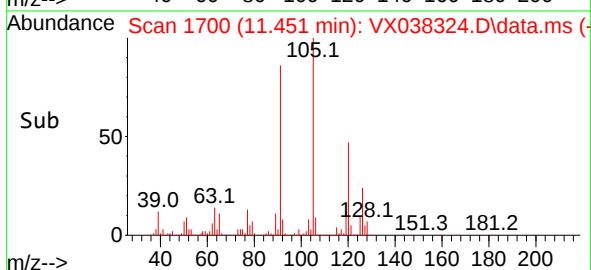
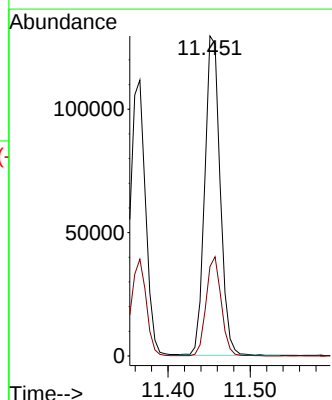
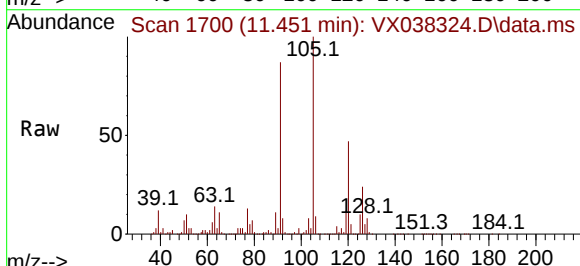
Manual Integrations
APPROVED

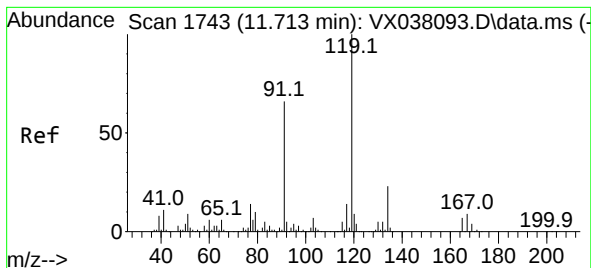
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 19.164 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion: 91 Resp: 168237
Ion Ratio Lower Upper
91 100
126 30.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.888 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

Tgt Ion:119 Resp: 171520

Ion Ratio Lower Upper

119 100

91 60.6 31.2 93.6

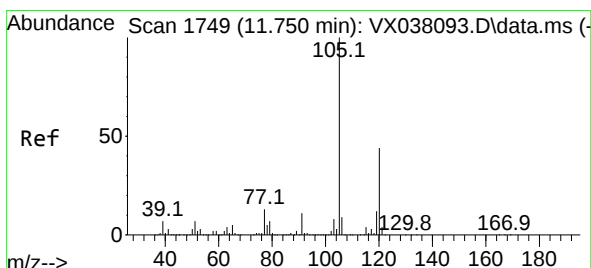
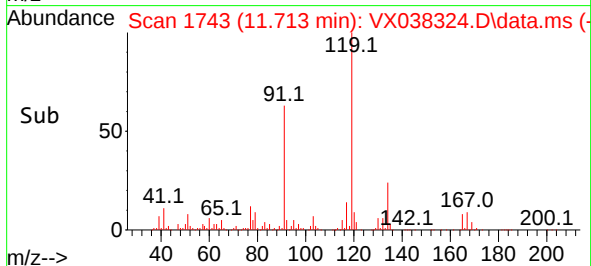
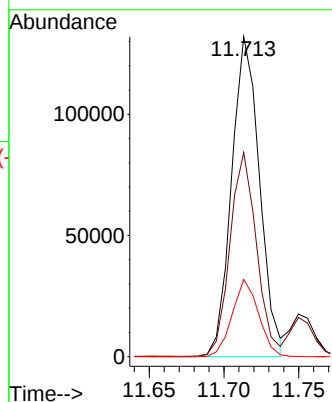
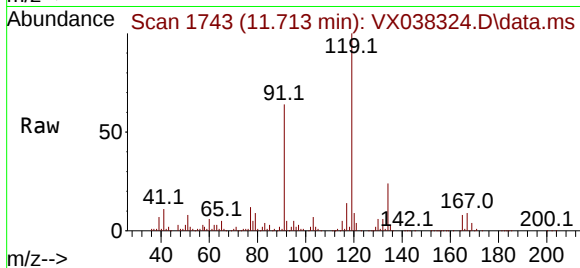
134 22.8 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.968 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038324.D

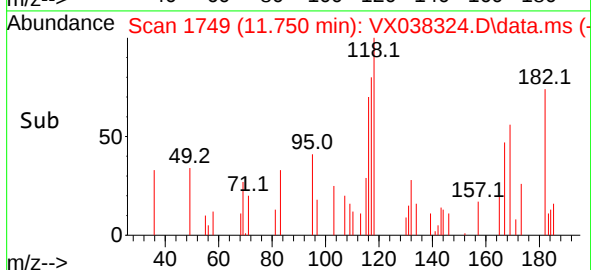
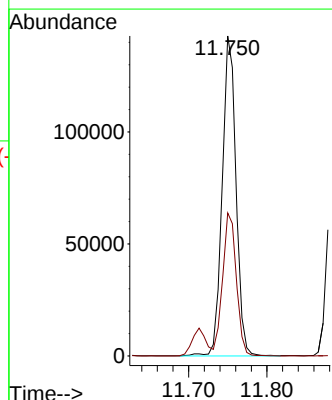
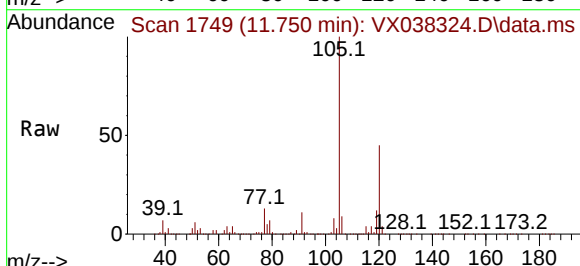
Acq: 17 Oct 2023 13:08

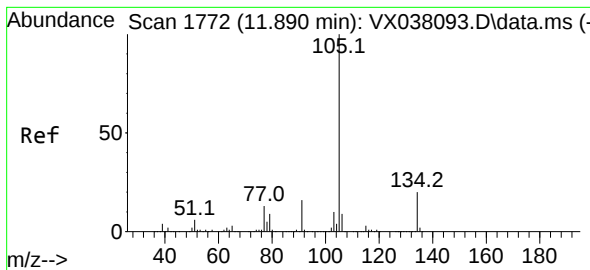
Tgt Ion:105 Resp: 175728

Ion Ratio Lower Upper

105 100

120 44.3 21.2 63.6





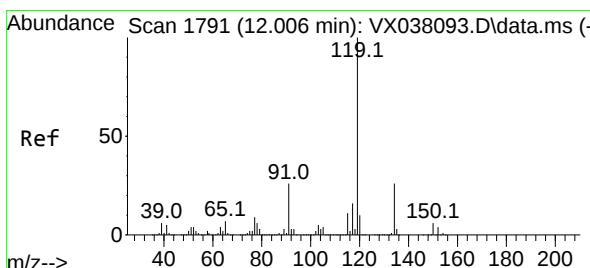
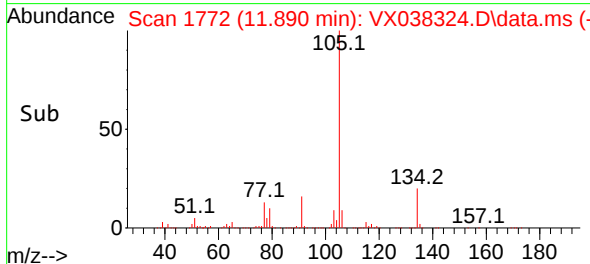
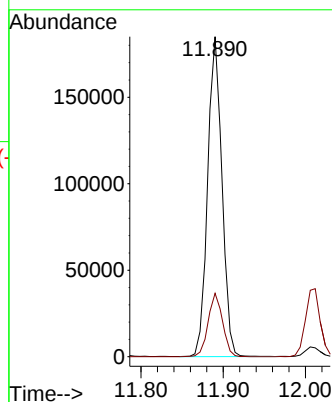
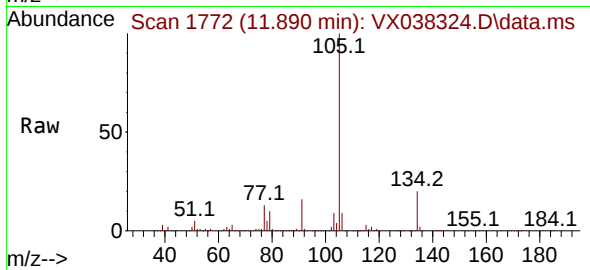
#85
 sec-Butylbenzene
 Concen: 20.004 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038324.D
 Acq: 17 Oct 2023 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tgt Ion:105 Resp: 22349
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

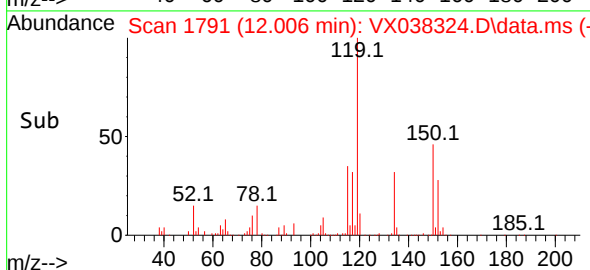
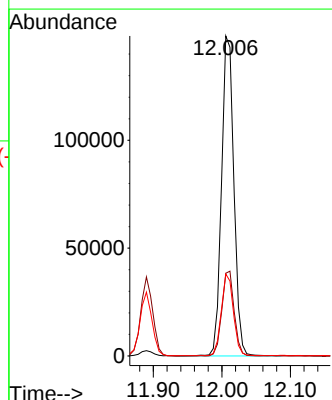
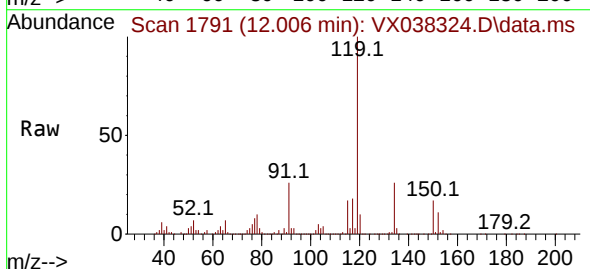
Manual Integrations
 APPROVED

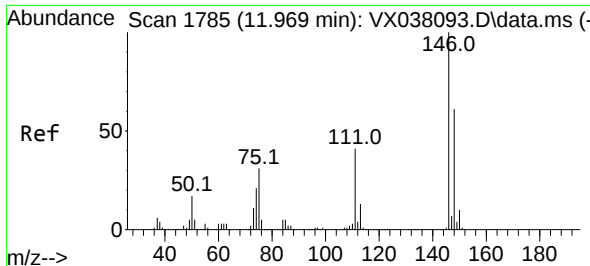
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 20.107 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038324.D
 Acq: 17 Oct 2023 13:08

Tgt Ion:119 Resp: 185341
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 24.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.625 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

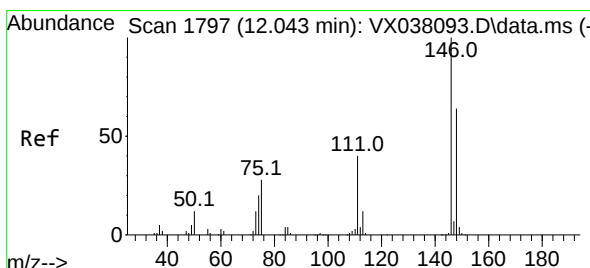
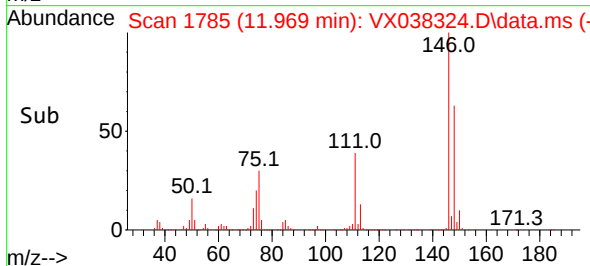
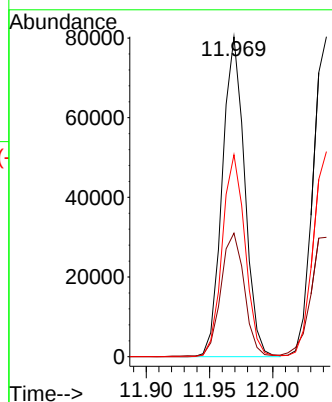
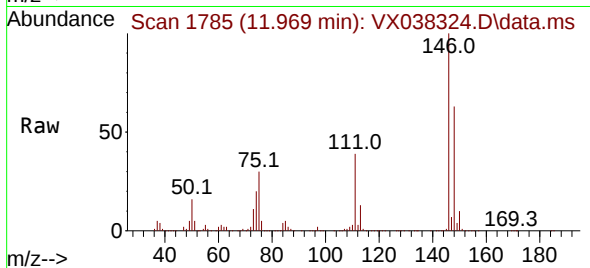
Tgt Ion:146	Resp:	9845
Ion Ratio	Lower	Upper
146	100	
111	40.8	22.1 66.1
148	64.3	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 19.662 ug/l

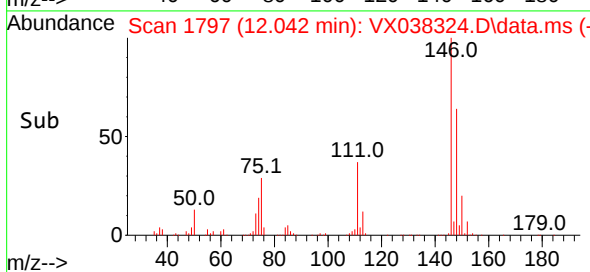
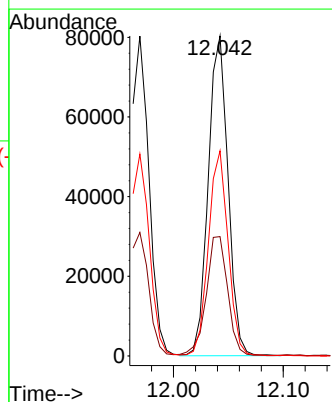
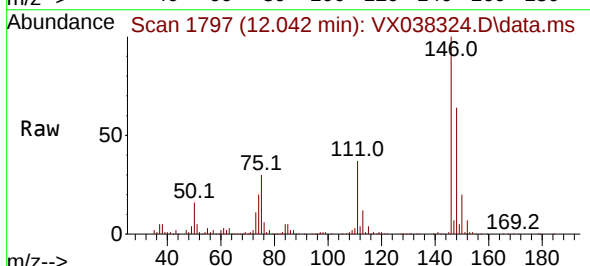
RT: 12.042 min Scan# 1797

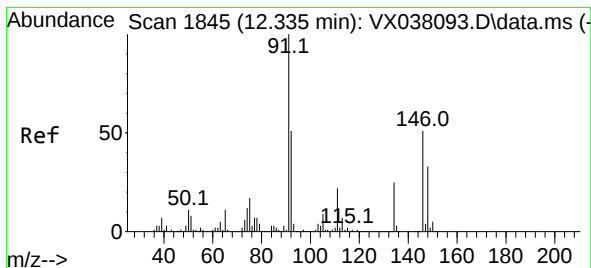
Delta R.T. -0.001 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

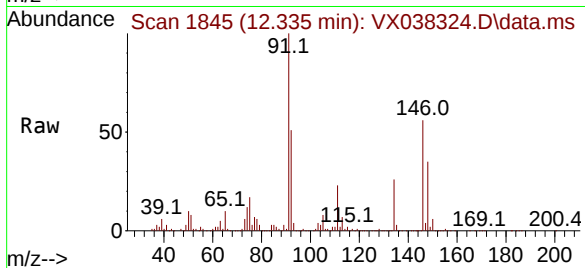
Tgt Ion:146	Resp:	100706
Ion Ratio	Lower	Upper
146	100	
111	40.2	21.3 63.7
148	63.7	31.8 95.4





#89
n-Butylbenzene
Concen: 19.154 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

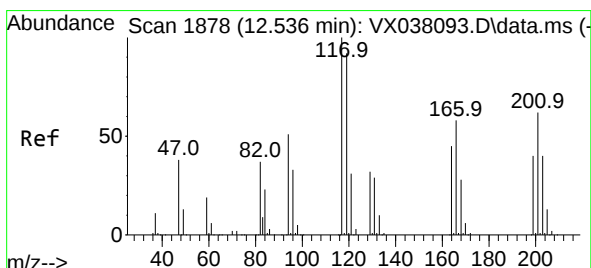
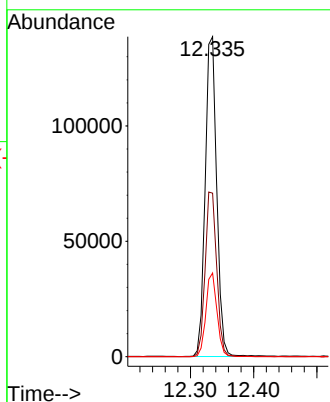
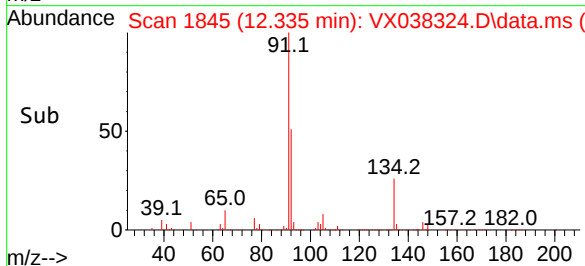
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



Tgt Ion: 91 Resp: 175828
Ion Ratio Lower Upper
91 100
92 51.7 27.4 82.0
134 25.2 12.6 37.8

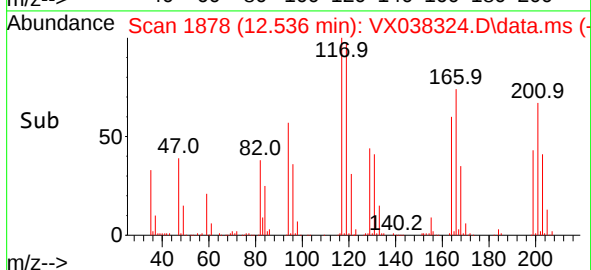
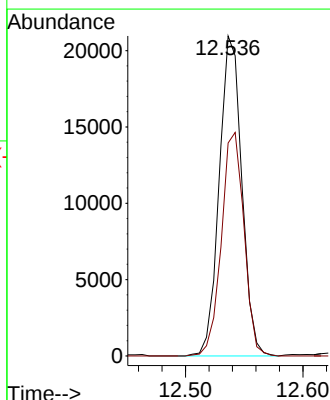
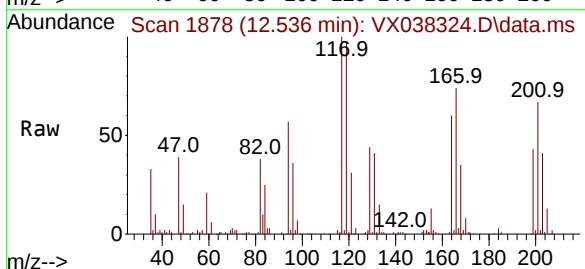
Manual Integrations
APPROVED

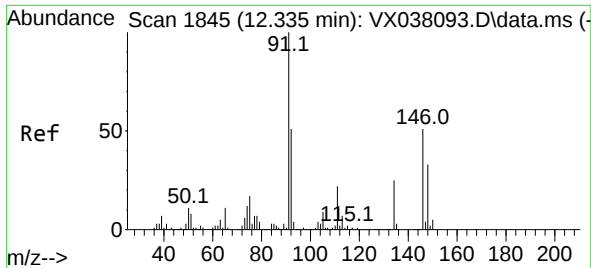
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#90
Hexachloroethane
Concen: 18.280 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion:117 Resp: 27937
Ion Ratio Lower Upper
117 100
201 70.1 32.9 98.6





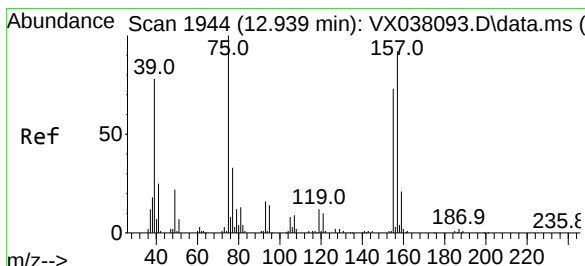
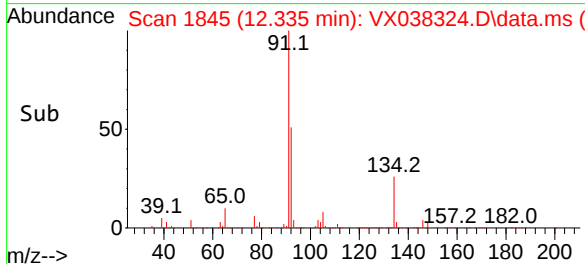
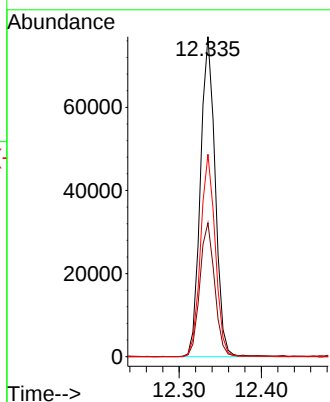
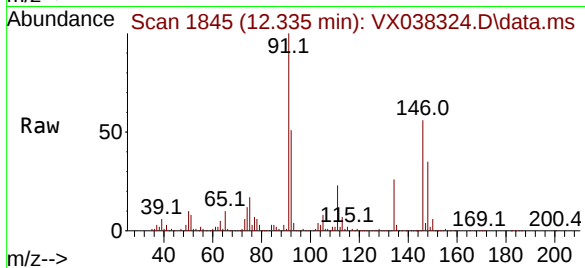
#91
1,2-Dichlorobenzene
Concen: 19.959 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion:146 Resp: 96248
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 62.8 31.6 95.0

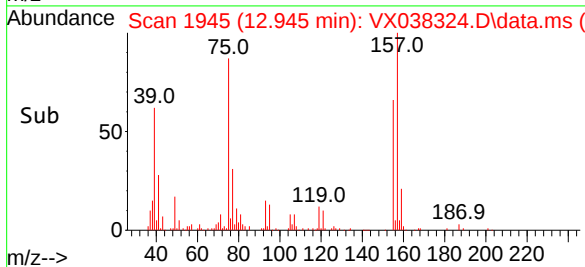
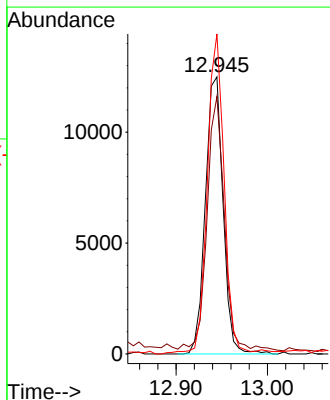
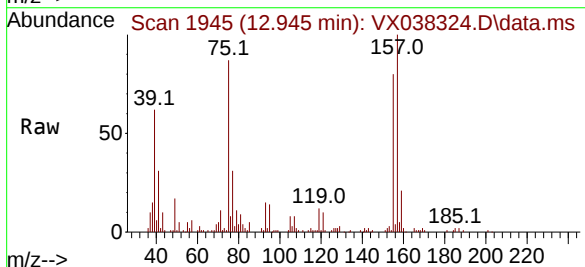
Manual Integrations
APPROVED

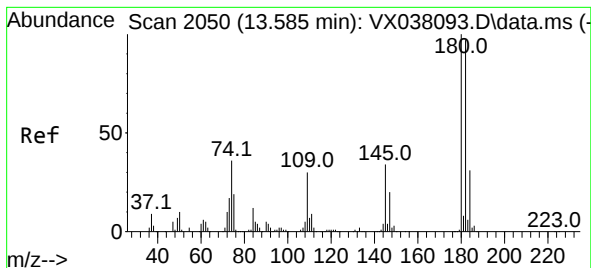
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.471 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

Tgt Ion: 75 Resp: 16765
Ion Ratio Lower Upper
75 100
155 90.1 36.1 108.5
157 109.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.691 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

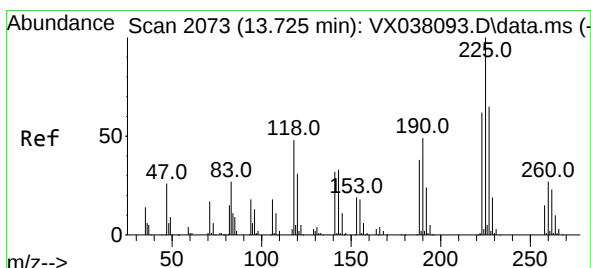
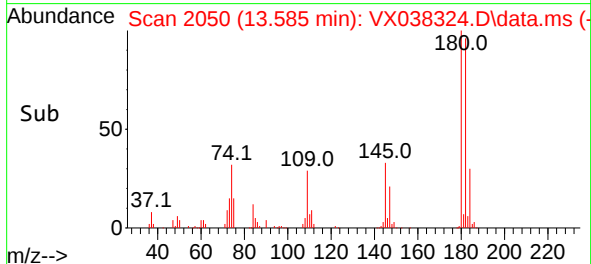
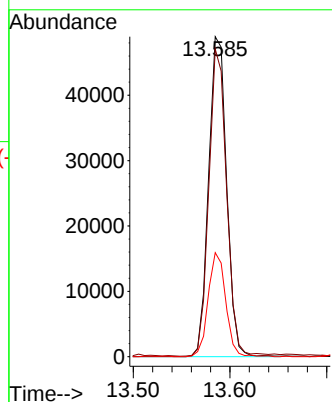
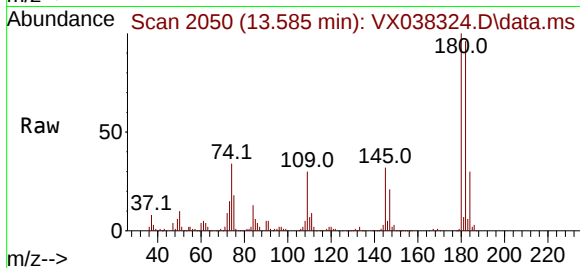
Tgt Ion:180	Resp:	6368
Ion Ratio	Lower	Upper
180	100	
182	94.3	48.3 144.8
145	31.7	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 19.796 ug/l

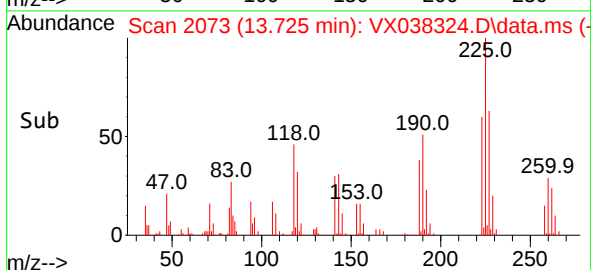
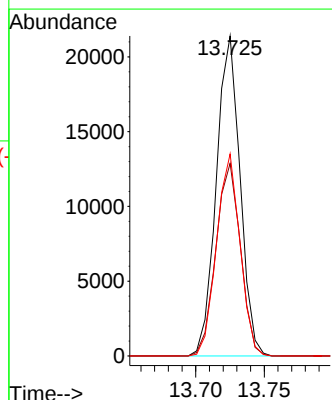
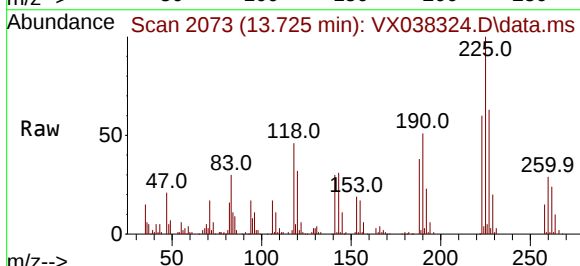
RT: 13.725 min Scan# 2073

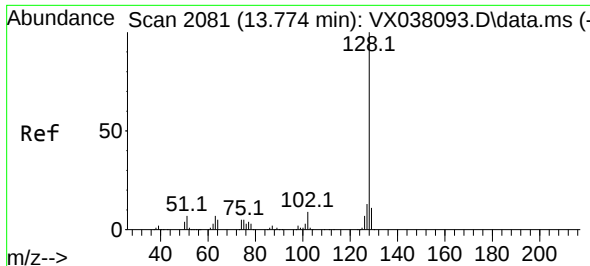
Delta R.T. 0.000 min

Lab File: VX038324.D

Acq: 17 Oct 2023 13:08

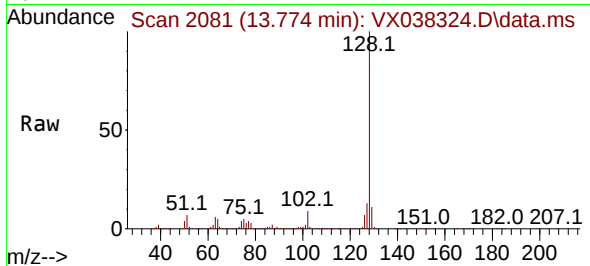
Tgt Ion:225	Resp:	25771
Ion Ratio	Lower	Upper
225	100	
223	62.1	31.1 93.2
227	62.2	32.5 97.5





#95
Naphthalene
Concen: 19.741 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08

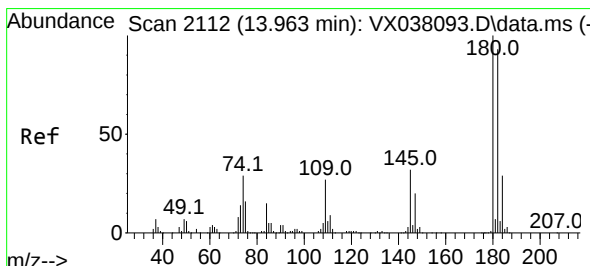
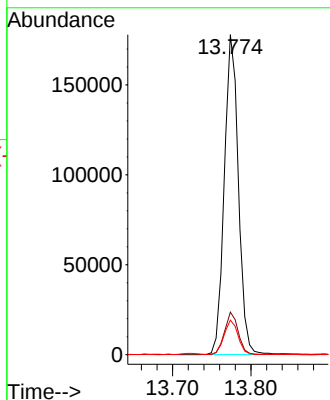
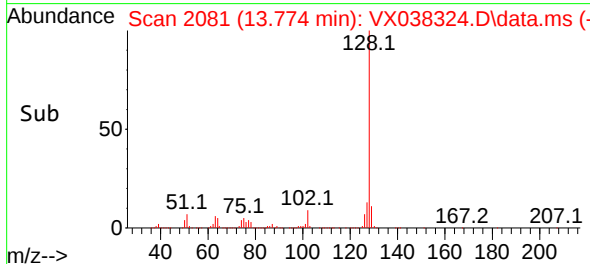
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01



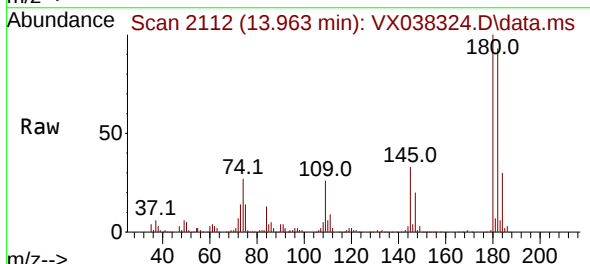
Tgt Ion:128 Resp: 222350
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.597 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038324.D
Acq: 17 Oct 2023 13:08



Tgt Ion:180 Resp: 61372
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.6
145 35.1 17.8 53.5

