

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038325.D
 Acq On : 17 Oct 2023 13:35
 Operator : JC/MD
 Sample : VX1017WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 03:57:48 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	152316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109618	44.744	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.480%		
35) Dibromofluoromethane	5.385	113	89737	49.093	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.180%		
50) Toluene-d8	8.647	98	322147	46.121	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.240%		
62) 4-Bromofluorobenzene	11.079	95	133243	50.318	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	32478	22.090	ug/l	99
3) Chloromethane	1.301	50	33219	22.168	ug/l	97
4) Vinyl Chloride	1.374	62	38764	23.332	ug/l	99
5) Bromomethane	1.605	94	33511	14.757	ug/l	95
6) Chloroethane	1.685	64	25926	21.577	ug/l	98
7) Trichlorofluoromethane	1.886	101	70227	21.400	ug/l	100
8) Diethyl Ether	2.130	74	25161	20.558	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	32438	22.642	ug/l	99
10) Methyl Iodide	2.453	142	41166	19.971	ug/l	96
11) Tert butyl alcohol	2.953	59	51941	88.896	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	29623	21.257	ug/l	86
13) Acrolein	2.233	56	31582	90.680	ug/l	98
14) Allyl chloride	2.666	41	46435	18.629	ug/l	93
15) Acrylonitrile	3.063	53	113284	101.609	ug/l	100
16) Acetone	2.374	43	111344	108.897	ug/l	90
17) Carbon Disulfide	2.508	76	72342	18.011	ug/l	100
18) Methyl Acetate	2.703	43	90860	20.722	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	111547	20.098	ug/l	99
20) Methylene Chloride	2.788	84	36963	19.219	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	35183	20.391	ug/l	84
22) Diisopropyl ether	3.757	45	97996	18.758	ug/l #	95
23) Vinyl Acetate	3.721	43	364963	95.263	ug/l	95
24) 1,1-Dichloroethane	3.611	63	59668	18.820	ug/l	98
25) 2-Butanone	4.550	43	158728	96.215	ug/l	91
26) 2,2-Dichloropropane	4.471	77	46070	18.612	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	40427	19.673	ug/l	91
28) Bromochloromethane	4.898	49	26054	18.204	ug/l #	81
29) Tetrahydrofuran	5.001	42	99935	93.043	ug/l #	85
30) Chloroform	5.093	83	68557	19.775	ug/l	99
31) Cyclohexane	5.471	56	50972	19.204	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	57585	19.392	ug/l	98
36) 1,1-Dichloropropene	5.690	75	49100	19.479	ug/l	98
37) Ethyl Acetate	4.715	43	57966	19.363	ug/l	96
38) Carbon Tetrachloride	5.678	117	49829	20.095	ug/l	96
39) Methylcyclohexane	7.379	83	59766	20.243	ug/l	94
40) Benzene	6.038	78	143114	20.300	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	29152	19.576	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	55234	19.609	ug/l	97
43) Isopropyl Acetate	6.342	43	84742	18.962	ug/l	96
44) Trichloroethene	7.123	130	39115	21.213	ug/l	96
45) 1,2-Dichloropropane	7.428	63	36167	19.821	ug/l	99
46) Dibromomethane	7.580	93	29030	20.513	ug/l	97
47) Bromodichloromethane	7.824	83	49337	19.597	ug/l	98
48) Methyl methacrylate	7.690	41	41903	19.641	ug/l #	86
49) 1,4-Dioxane	7.659	88	21849	415.605	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	305734	99.184	ug/l	96
52) Toluene	8.720	92	93621	20.386	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	50941	18.850	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	56436	19.877	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	40204	20.467	ug/l	96
56) Ethyl methacrylate	9.116	69	59545	19.771	ug/l	90
57) 1,3-Dichloropropane	9.311	76	64362	20.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	134151	90.744	ug/l	98
59) 2-Hexanone	9.427	43	251991	101.688	ug/l	95
60) Dibromochloromethane	9.519	129	38710	20.135	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44625	21.008	ug/l	99
64) Tetrachloroethene	9.275	164	32545	20.161	ug/l	97
65) Chlorobenzene	10.080	112	104462	20.020	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	36661	20.778	ug/l	99
67) Ethyl Benzene	10.195	91	185205	19.885	ug/l	97
68) m/p-Xylenes	10.299	106	145378	40.368	ug/l	98
69) o-Xylene	10.640	106	70867	20.162	ug/l	99
70) Styrene	10.659	104	116674	20.383	ug/l	96
71) Bromoform	10.799	173	27142	18.496	ug/l #	99
73) Isopropylbenzene	10.964	105	188063	19.728	ug/l	99
74) N-amyl acetate	10.842	43	74726	18.356	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	70749	20.225	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	62839m	19.445	ug/l	
77) Bromobenzene	11.201	156	46482	19.972	ug/l	90
78) n-propylbenzene	11.305	91	228292	19.585	ug/l	100
79) 2-Chlorotoluene	11.366	91	131165	18.974	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	162962	19.814	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16307	17.580	ug/l	98
82) 4-Chlorotoluene	11.451	91	157872	19.299	ug/l	97
83) tert-Butylbenzene	11.713	119	157982	19.658	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	162301	19.792	ug/l	98
85) sec-Butylbenzene	11.890	105	206301	19.817	ug/l	100
86) p-Isopropyltoluene	12.012	119	174257	20.289	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	91586	19.592	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	92851	19.455	ug/l	99
89) n-Butylbenzene	12.335	91	165733	19.375	ug/l	97
90) Hexachloroethane	12.536	117	25975	18.240	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	90600	20.163	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16134	19.076	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	60161	19.962	ug/l	98
94) Hexachlorobutadiene	13.725	225	24613	20.291	ug/l	97
95) Naphthalene	13.774	128	212640	20.260	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	58144	19.925	ug/l	97

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

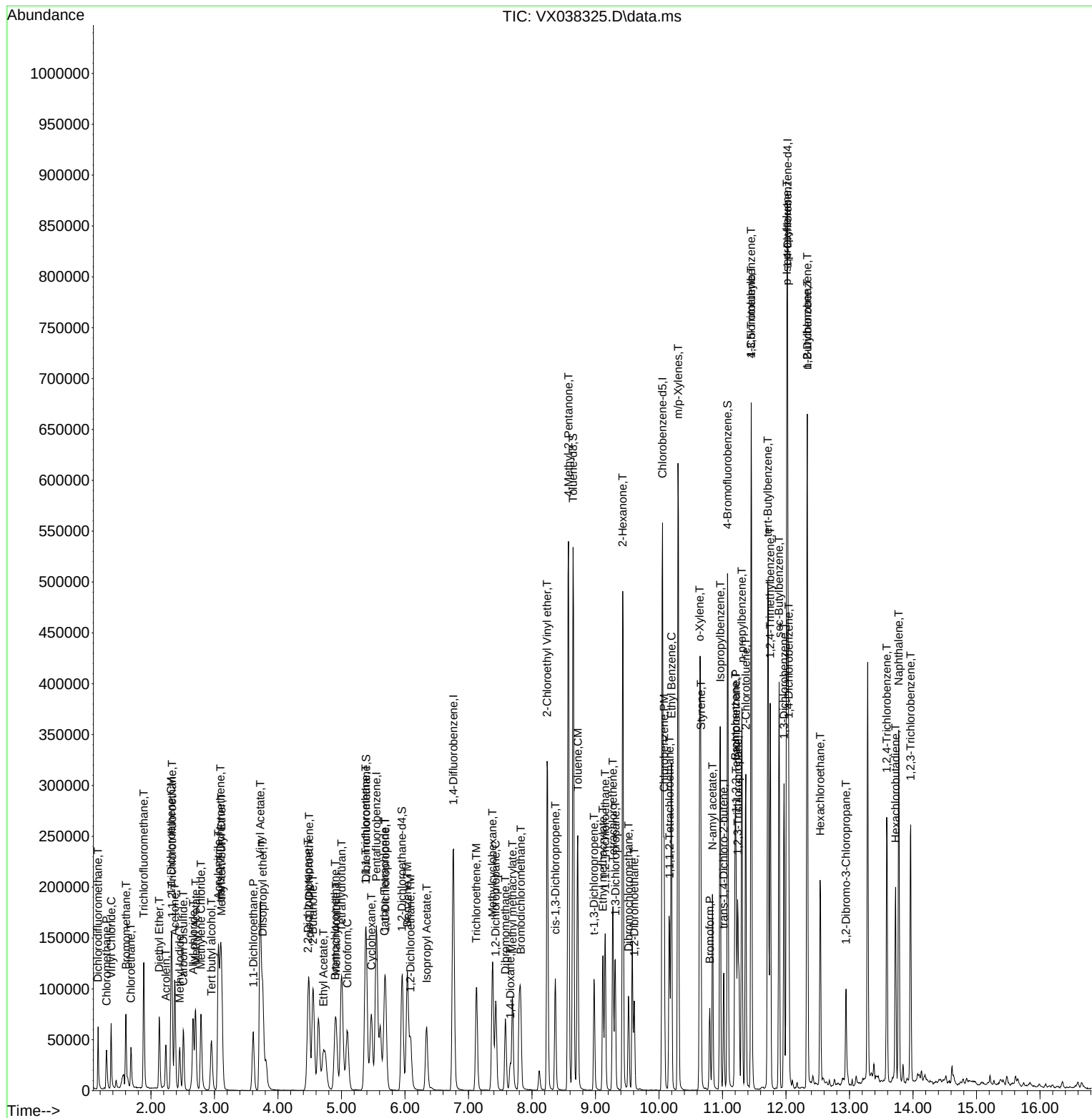
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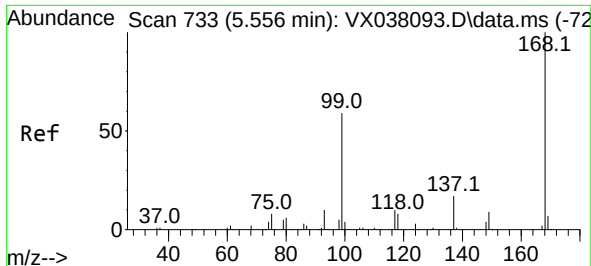
Instrument :
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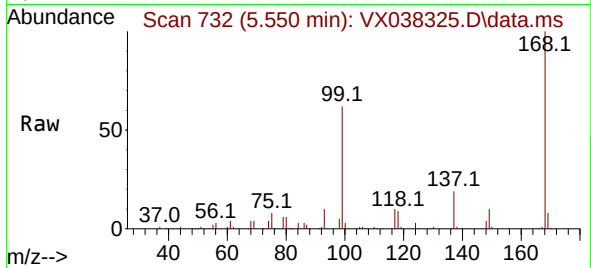
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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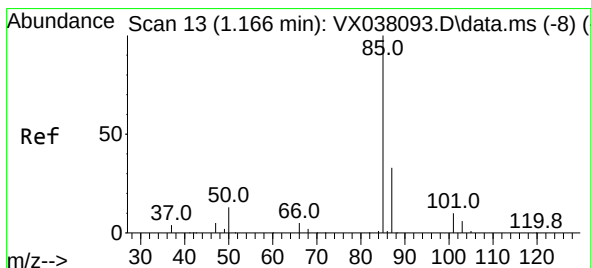
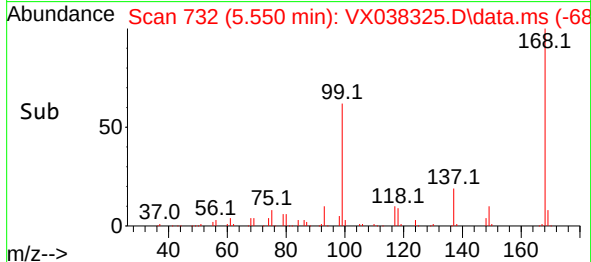
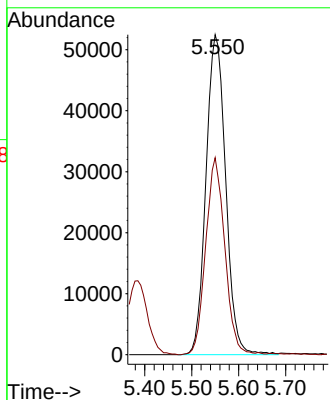
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion:168 Resp: 152310
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0

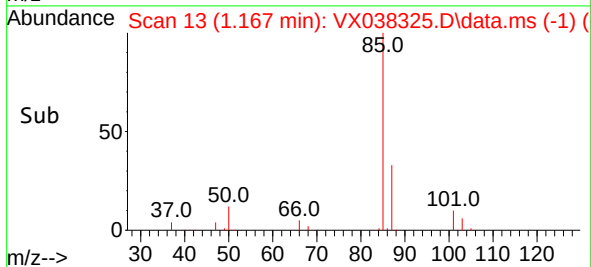
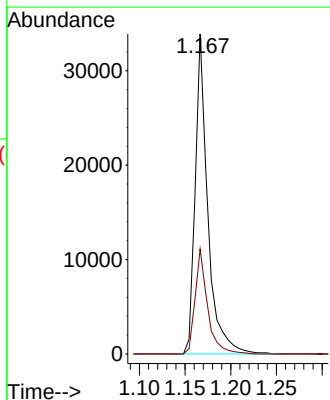
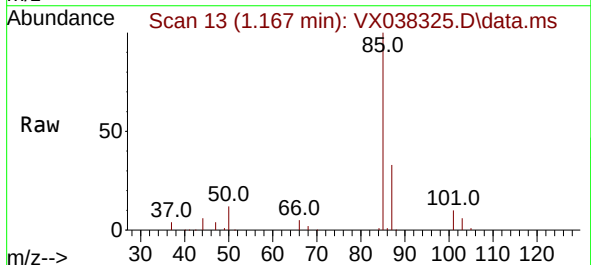
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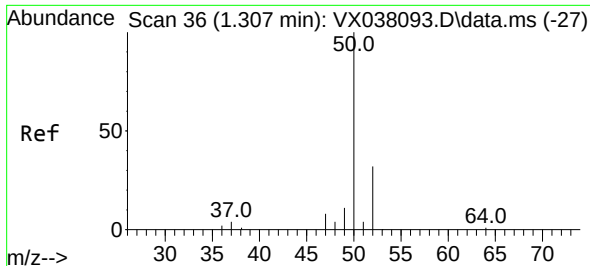
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 22.090 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion: 85 Resp: 32478
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





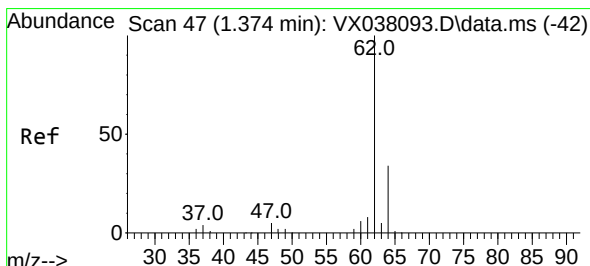
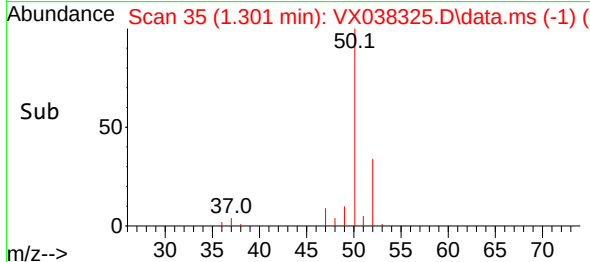
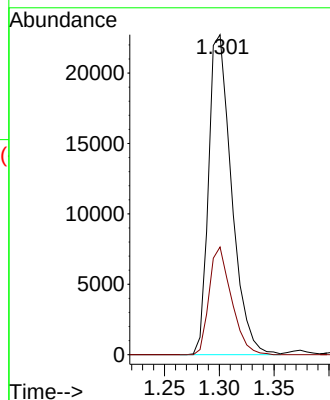
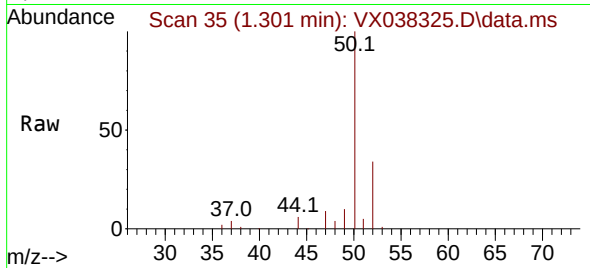
#3
Chloromethane
Concen: 22.168 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Instrument :
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Tgt Ion: 50 Resp: 33219
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

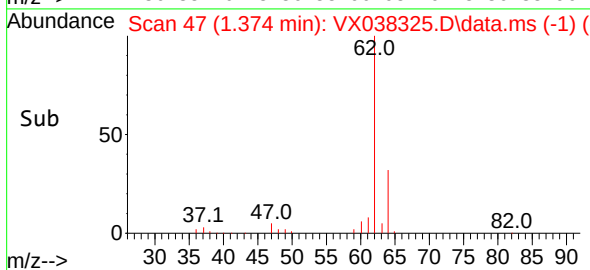
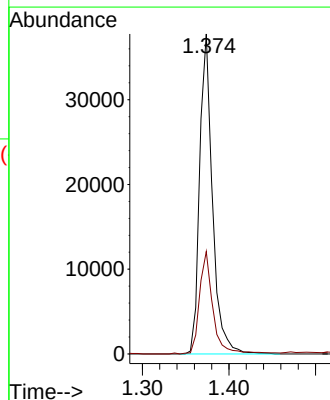
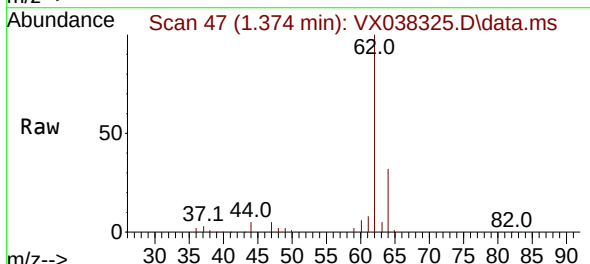
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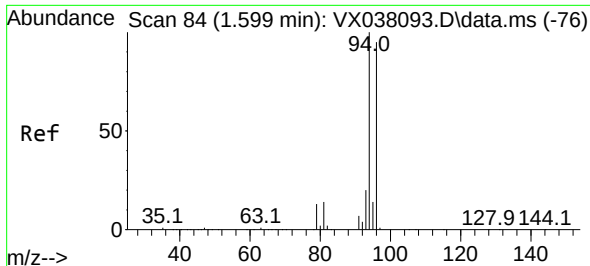
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#4
Vinyl Chloride
Concen: 23.332 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

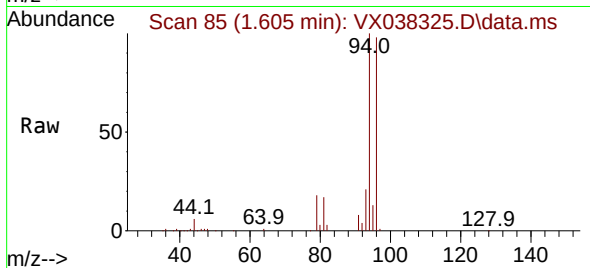
Tgt Ion: 62 Resp: 38764
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 14.757 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

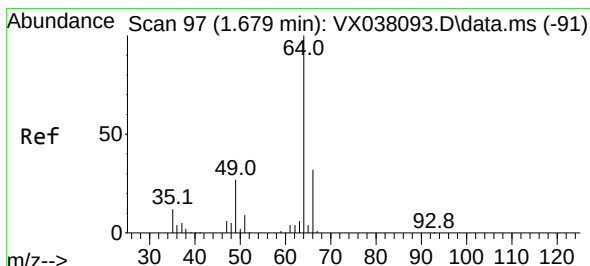
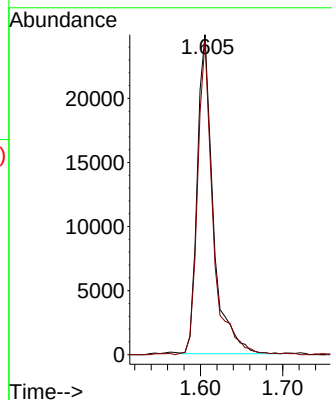
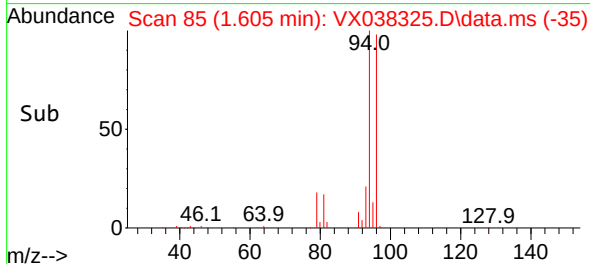
Instrument :
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Tgt Ion: 94 Resp: 3351
Ion Ratio Lower Upper
94 100
96 97.9 74.6 111.8

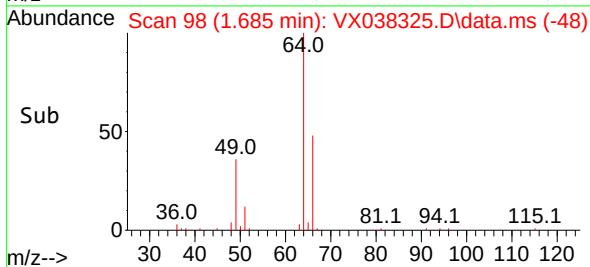
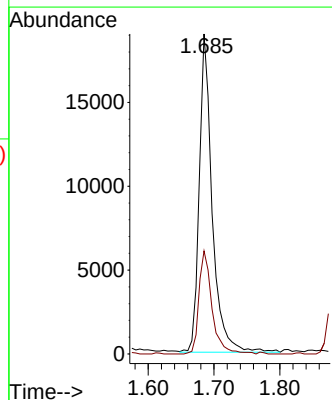
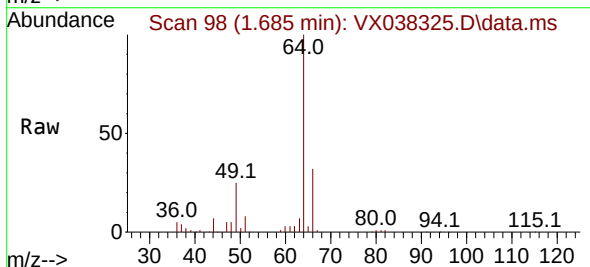
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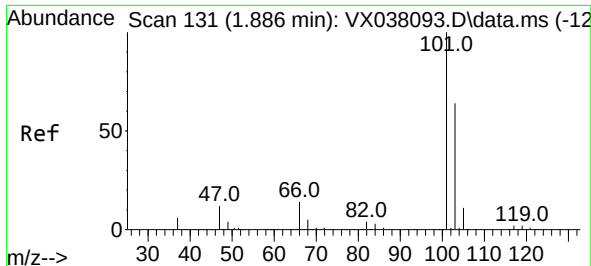
Reviewed By :John Carlone 10/18/2023
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#6
Chloroethane
Concen: 21.577 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

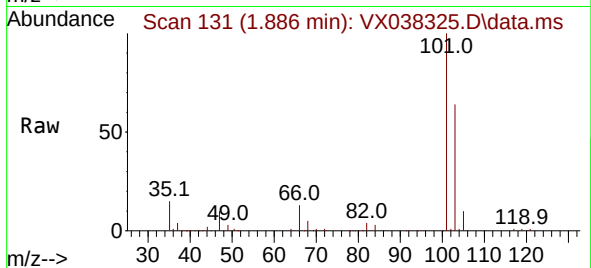
Tgt Ion: 64 Resp: 25926
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 21.400 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038325.D
 Acq: 17 Oct 2023 13:35

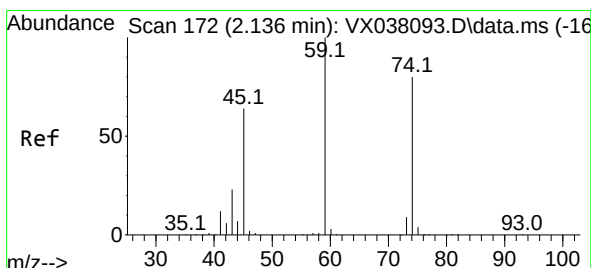
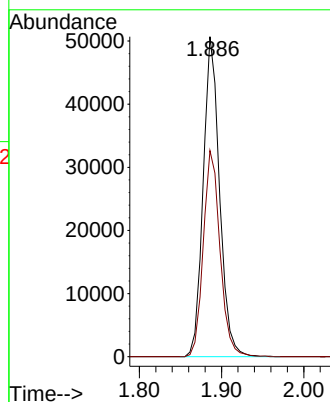
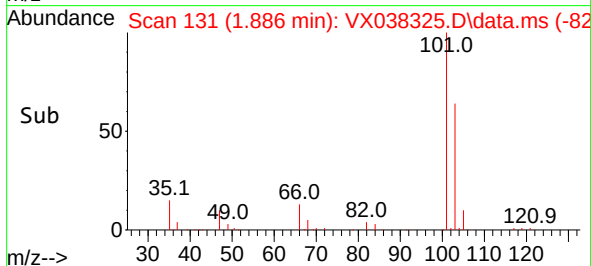
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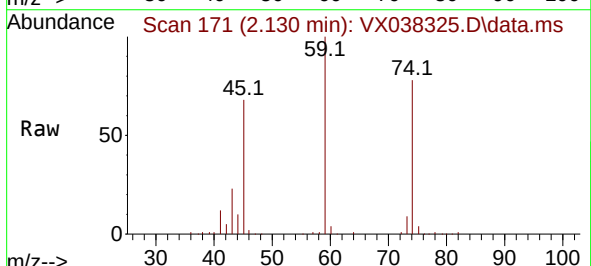
Tgt Ion:101 Resp: 7022
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.2

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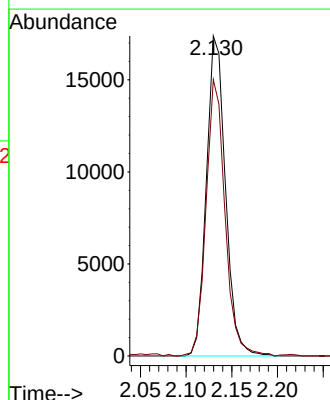
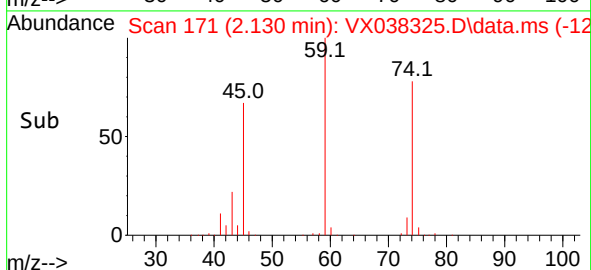
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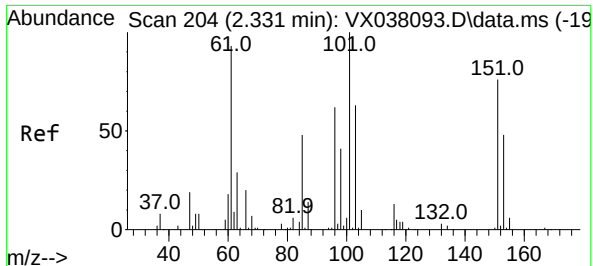


#8
 Diethyl Ether
 Concen: 20.558 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX038325.D
 Acq: 17 Oct 2023 13:35



Tgt Ion: 74 Resp: 25161
 Ion Ratio Lower Upper
 74 100
 45 85.9 53.3 159.8





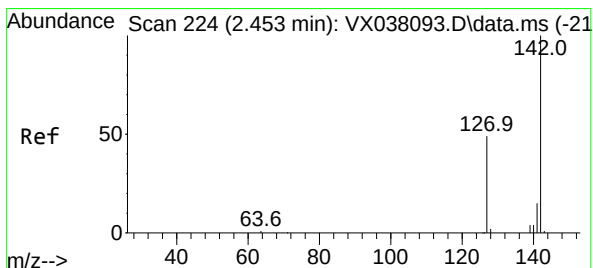
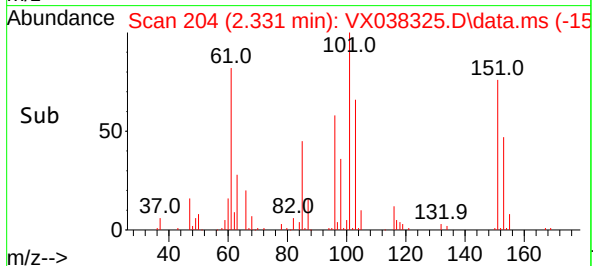
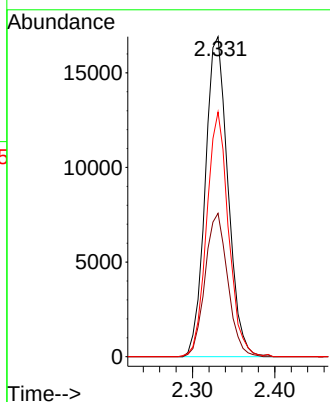
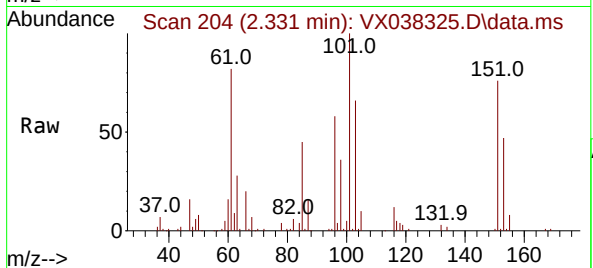
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.642 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion:101 Resp: 32438
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 73.6 58.6 87.8

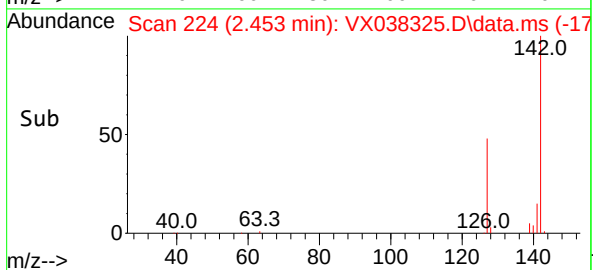
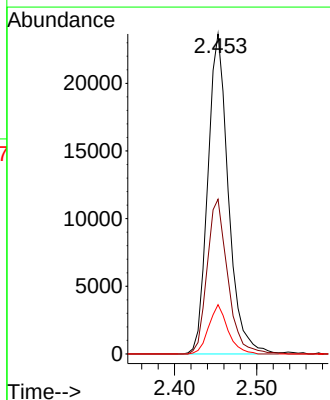
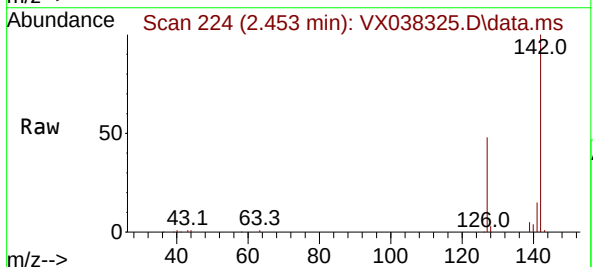
Manual Integrations
APPROVED

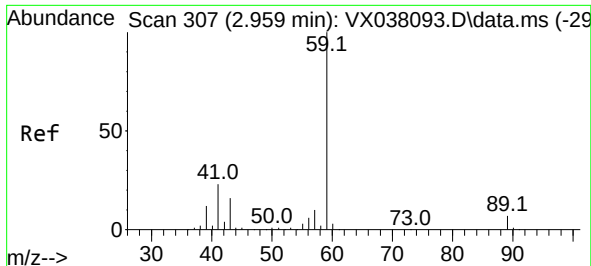
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 19.971 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion:142 Resp: 41166
Ion Ratio Lower Upper
142 100
127 48.5 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 88.896 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 59 Resp: 5194

Ion Ratio Lower Upper

59 100

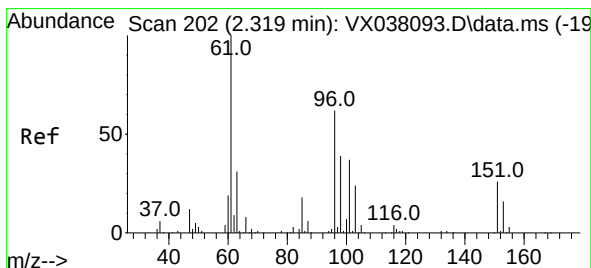
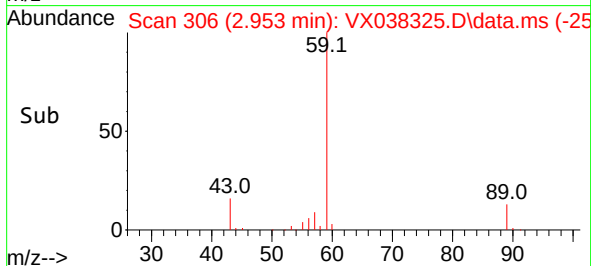
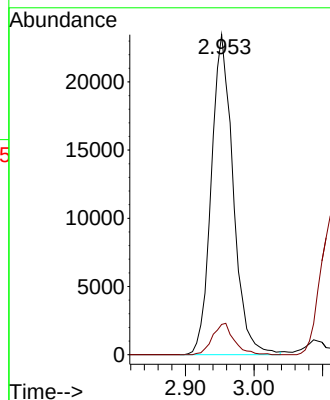
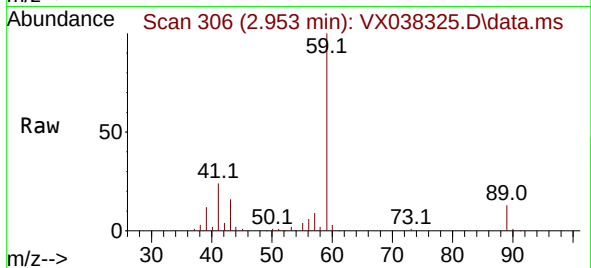
57 9.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#12

1,1-Dichloroethene

Concen: 21.257 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

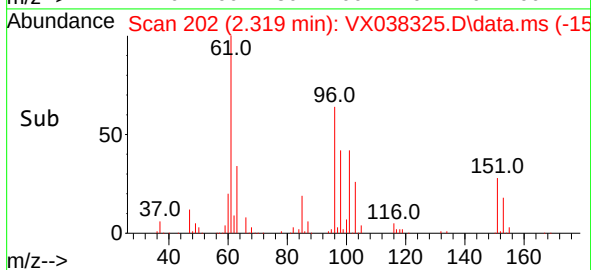
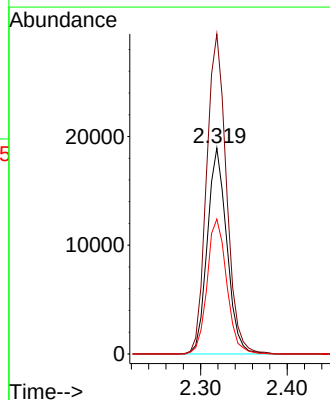
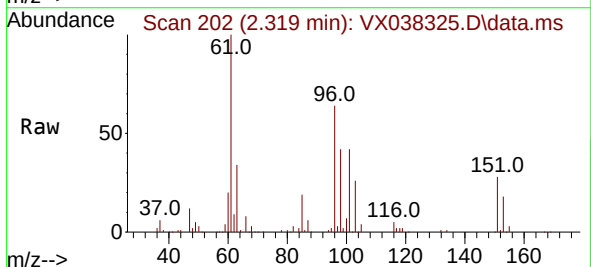
Tgt Ion: 96 Resp: 29623

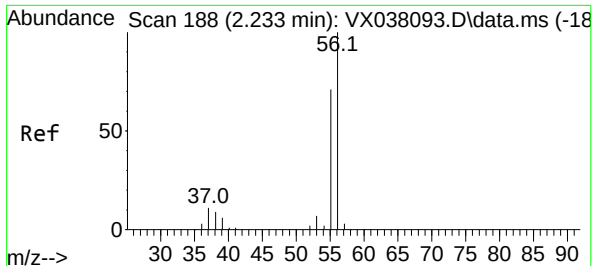
Ion Ratio Lower Upper

96 100

61 155.4 144.6 216.8

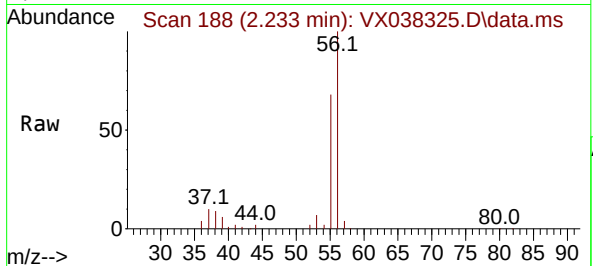
98 65.5 50.4 75.6





#13
Acrolein
Concen: 90.680 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

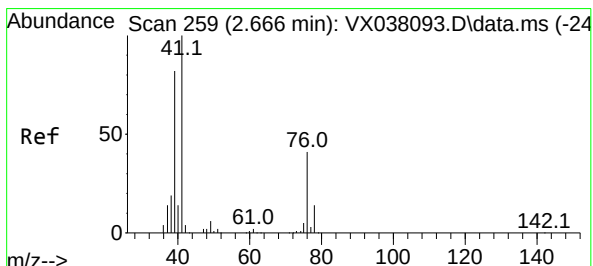
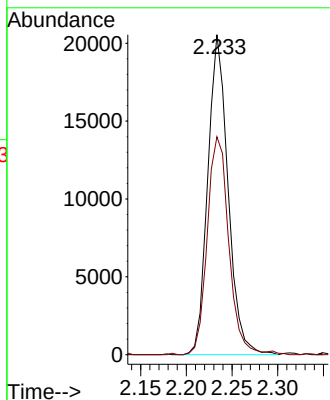
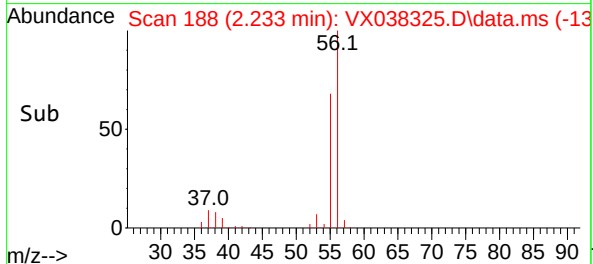
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 56 Resp: 3158
Ion Ratio Lower Upper
56 100
55 72.7 57.1 85.7

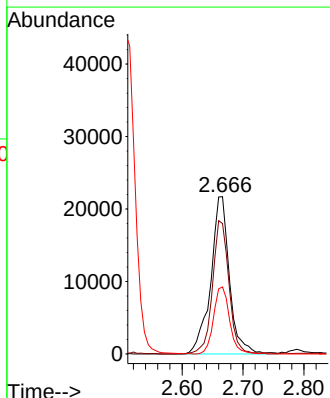
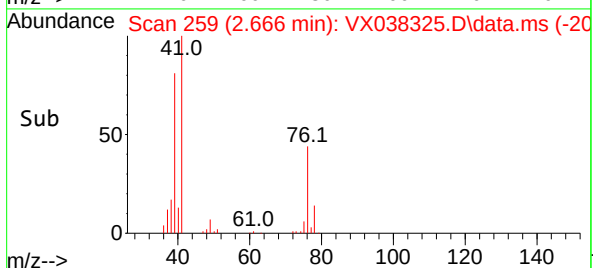
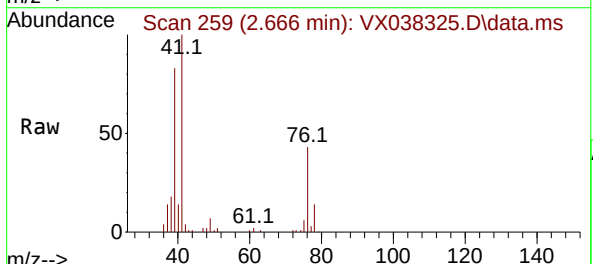
Manual Integrations
APPROVED

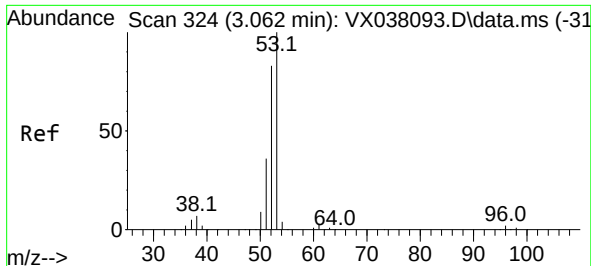
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 18.629 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

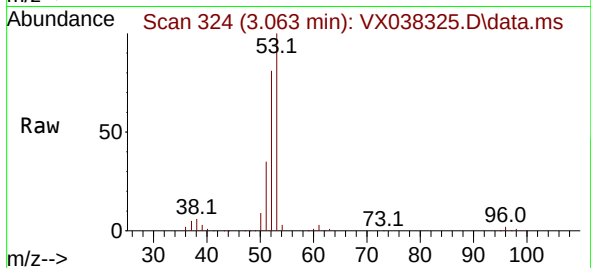
Tgt Ion: 41 Resp: 46435
Ion Ratio Lower Upper
41 100
39 74.1 55.8 83.6
76 36.1 24.3 36.5





#15
Acrylonitrile
Concen: 101.609 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

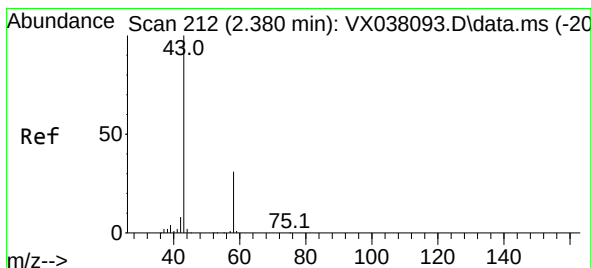
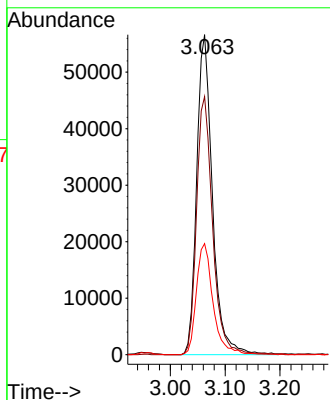
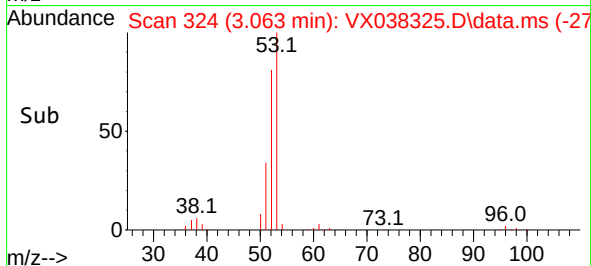
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 53 Resp: 113284
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 36.8 29.8 44.6

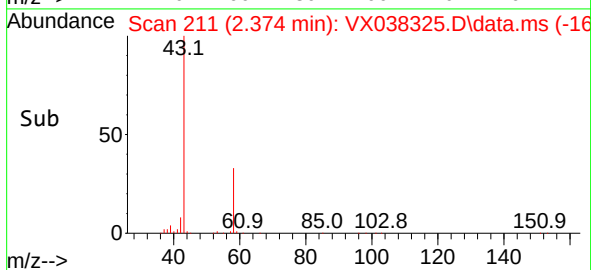
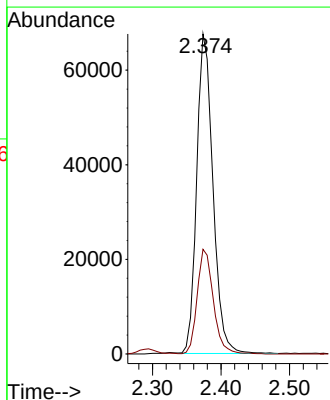
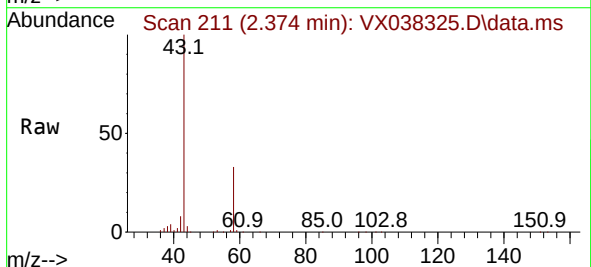
Manual Integrations
APPROVED

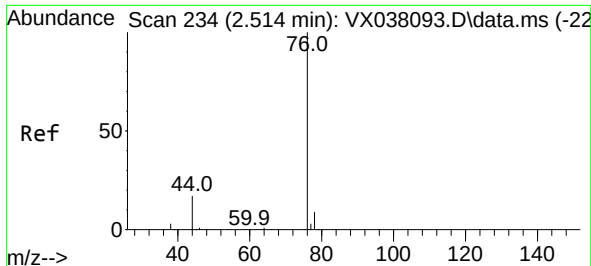
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 108.897 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion: 43 Resp: 111344
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9





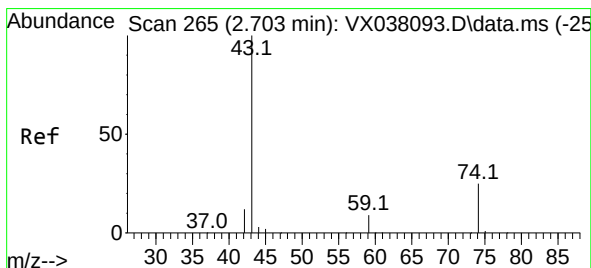
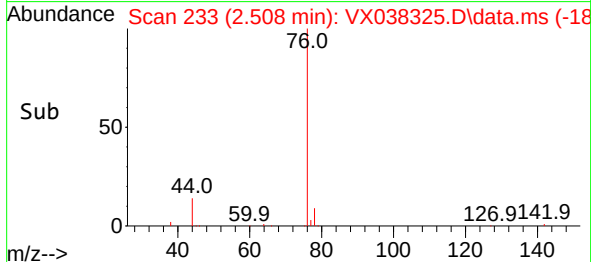
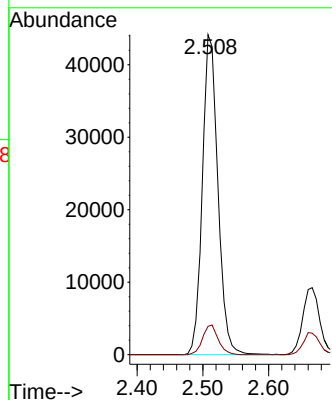
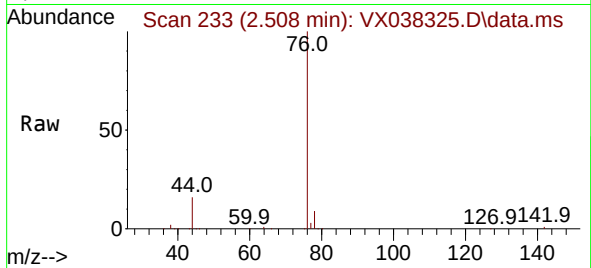
#17
Carbon Disulfide
Concen: 18.011 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 76 Resp: 7234
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

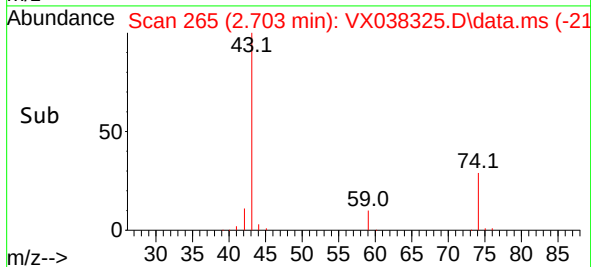
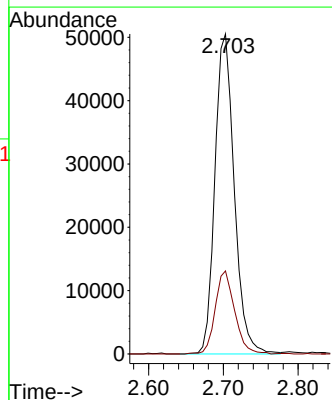
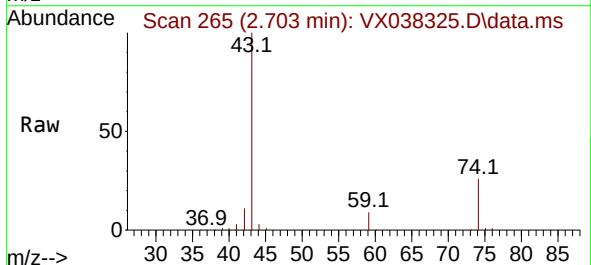
Manual Integrations
APPROVED

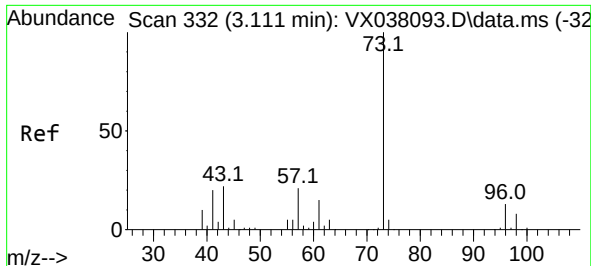
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 20.722 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

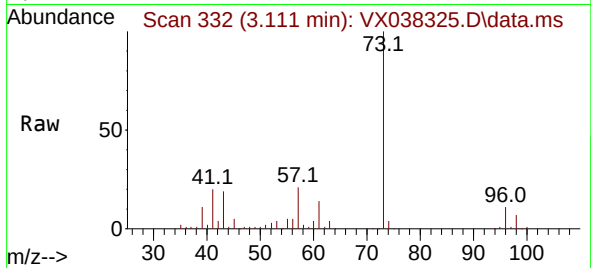
Tgt Ion: 43 Resp: 90860
Ion Ratio Lower Upper
43 100
74 26.1 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 20.098 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

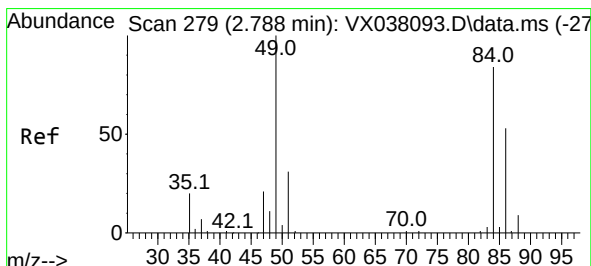
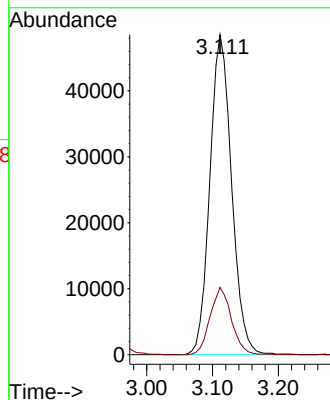
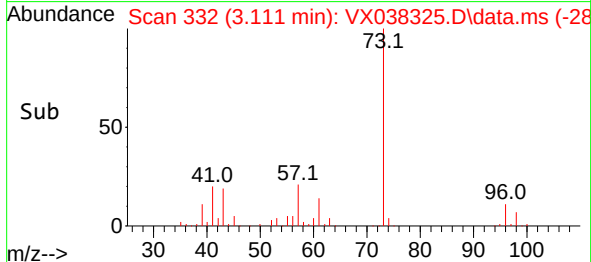
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 73 Resp: 11154
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

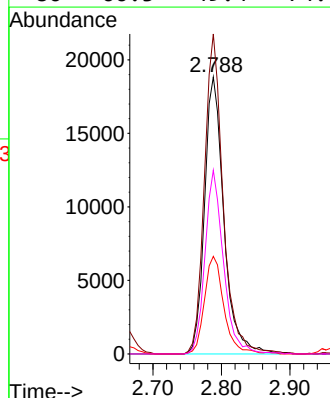
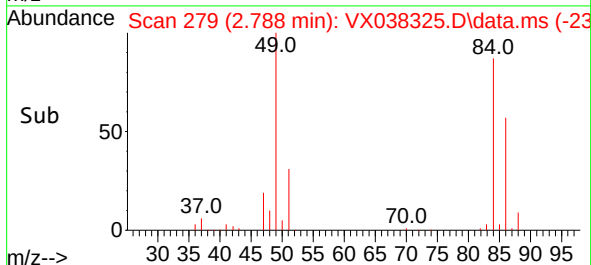
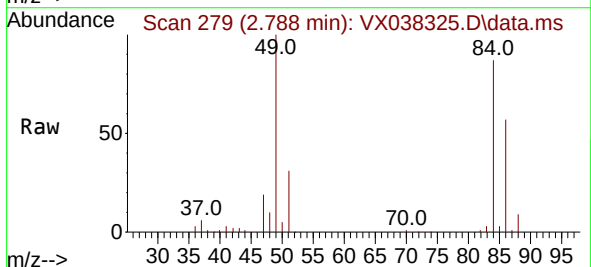
Manual Integrations
APPROVED

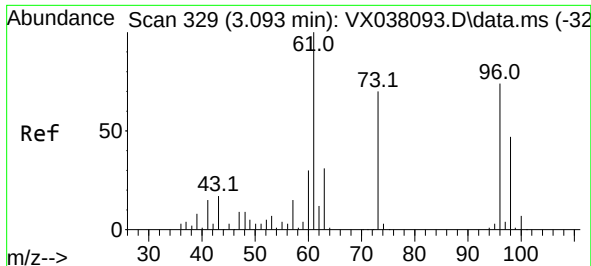
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 19.219 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

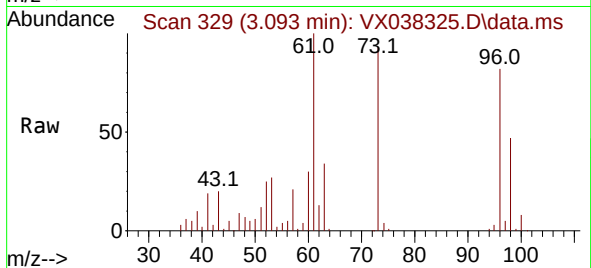
Tgt Ion: 84 Resp: 36963
Ion Ratio Lower Upper
84 100
49 115.5 103.6 155.4
51 35.2 33.8 50.6
86 66.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.391 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

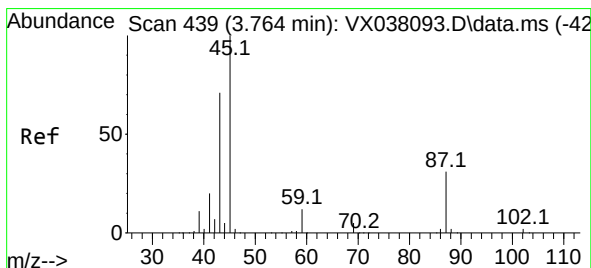
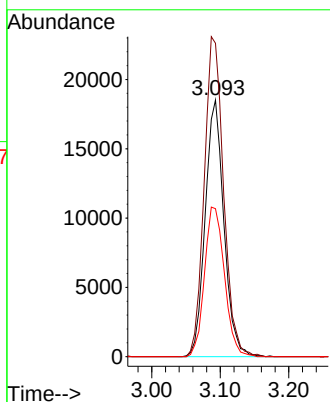
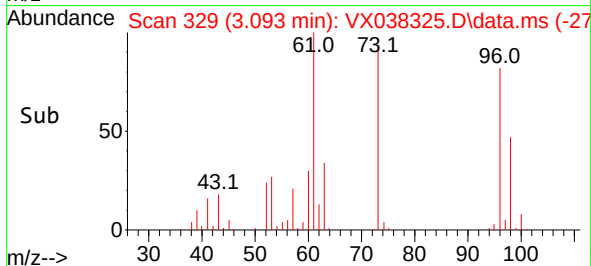
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



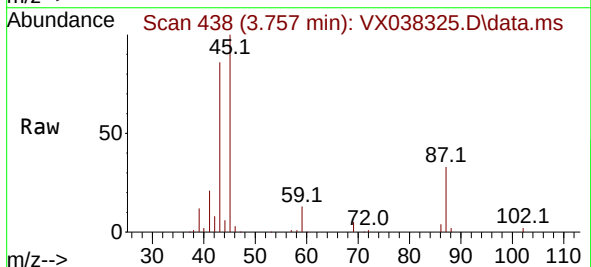
Tgt Ion: 96 Resp: 3518
Ion Ratio Lower Upper
96 100
61 122.2 119.2 178.8
98 57.7 48.7 73.1

Manual Integrations
APPROVED

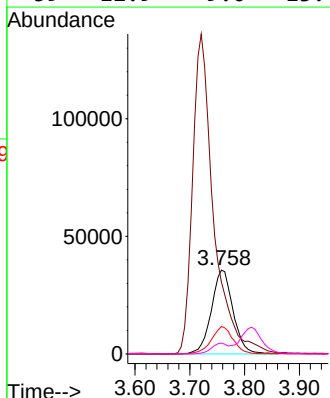
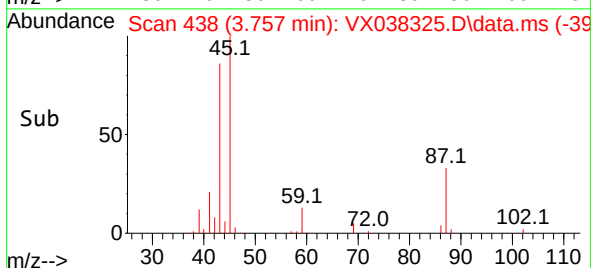
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

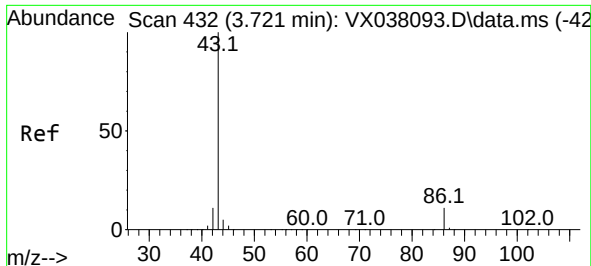


#22
Diisopropyl ether
Concen: 18.758 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35



Tgt Ion: 45 Resp: 97996
Ion Ratio Lower Upper
45 100
43 84.4 69.7 104.5
87 32.9 20.8 31.2#
59 12.9 9.0 13.4





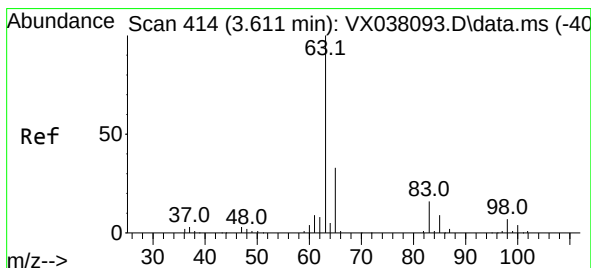
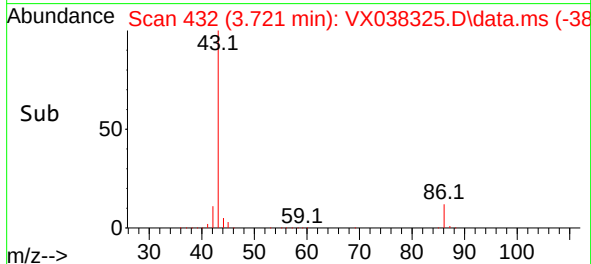
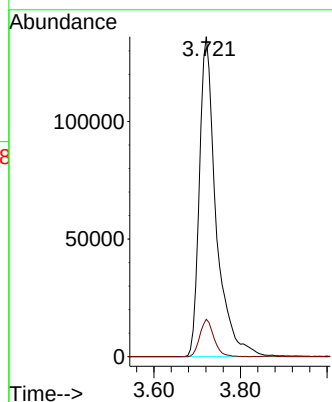
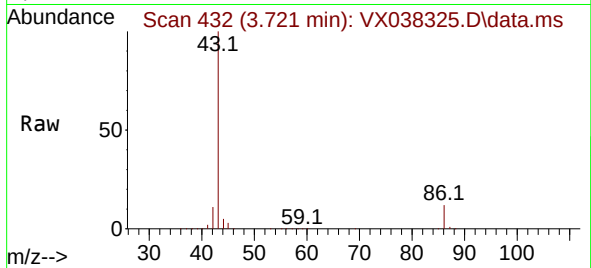
#23
 Vinyl Acetate
 Concen: 95.263 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038325.D
 Acq: 17 Oct 2023 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion: 43 Resp: 36496
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8

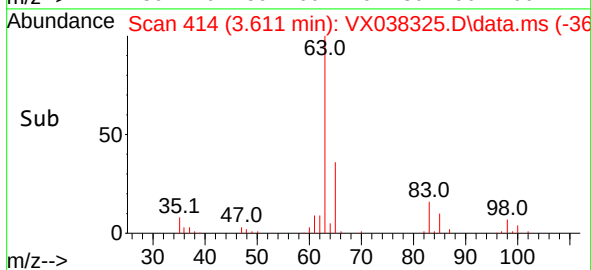
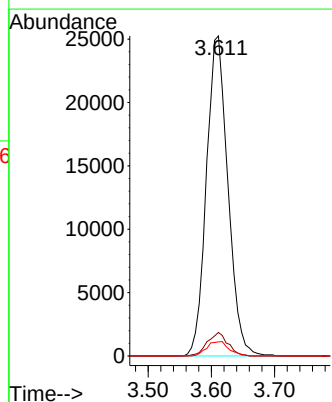
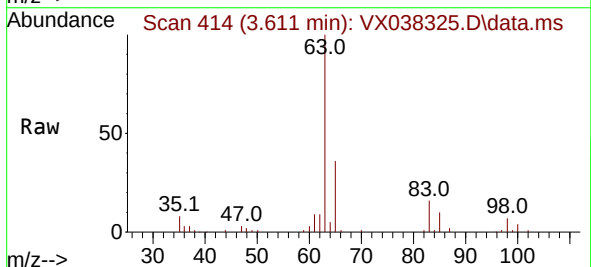
Manual Integrations
 APPROVED

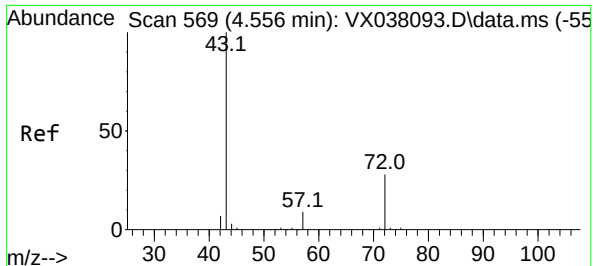
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.820 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038325.D
 Acq: 17 Oct 2023 13:35

Tgt Ion: 63 Resp: 59668
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.4 2.1 6.5





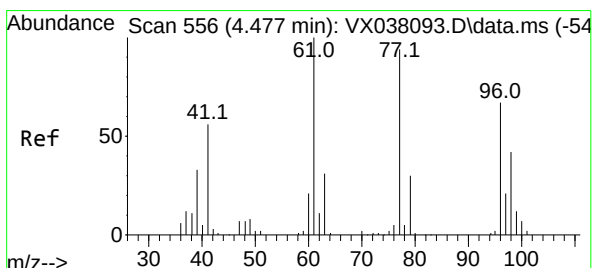
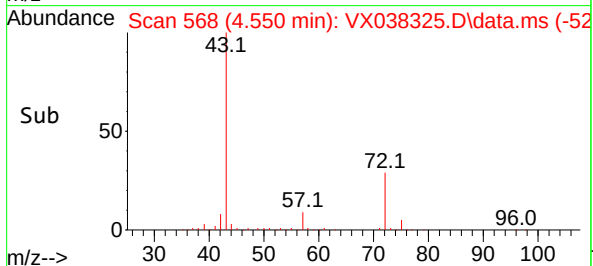
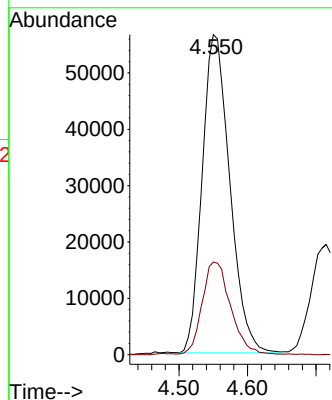
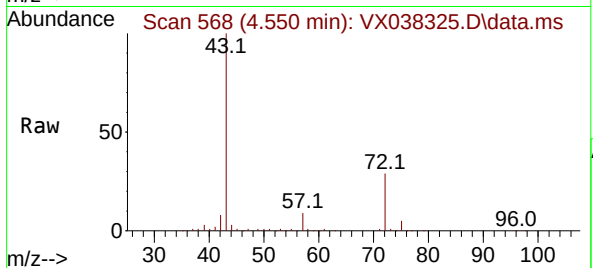
#25
2-Butanone
Concen: 96.215 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 43 Resp: 158728
Ion Ratio Lower Upper
43 100
72 28.9 19.4 29.2

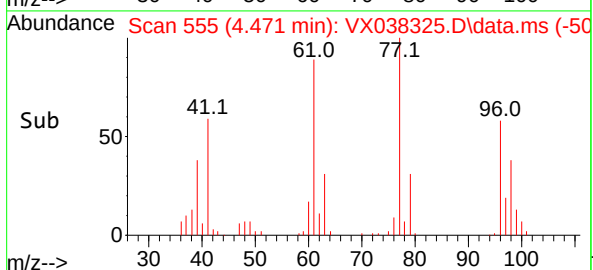
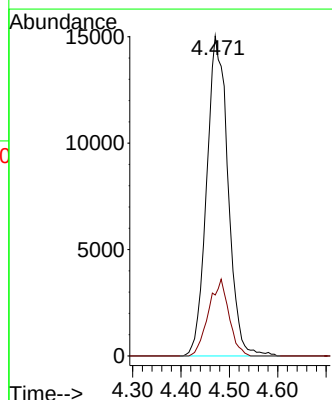
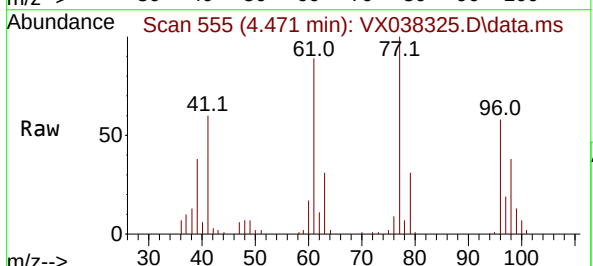
Manual Integrations
APPROVED

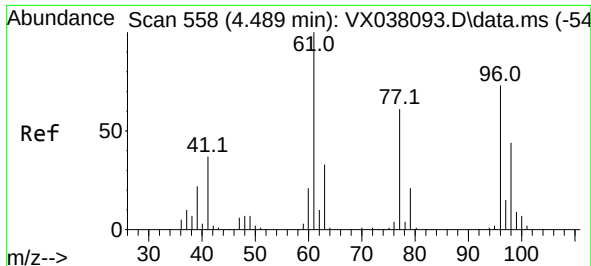
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 18.612 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

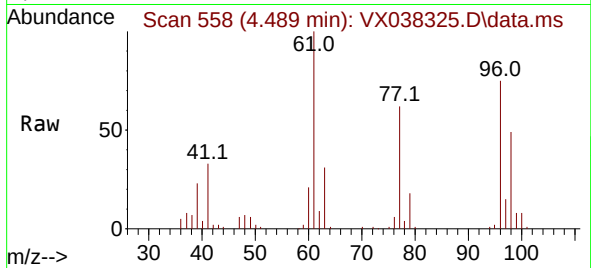
Tgt Ion: 77 Resp: 46070
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.673 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX038325.D
 Acq: 17 Oct 2023 13:35

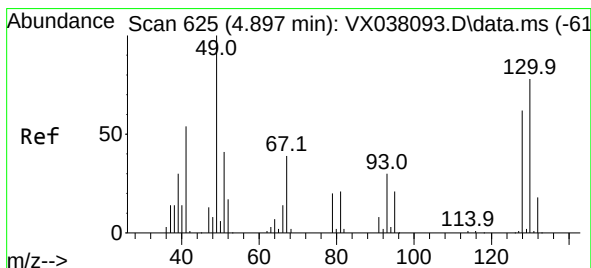
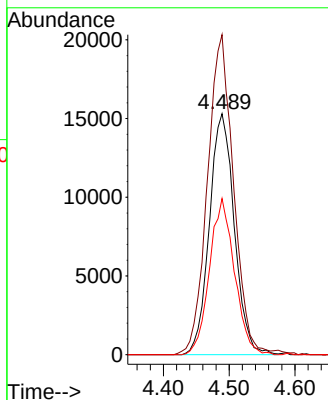
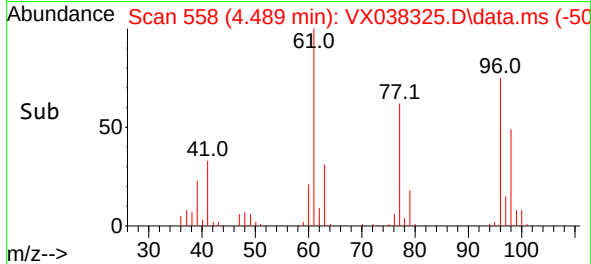
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01



Tgt Ion: 96 Resp: 4042
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 312.2
 98 64.9 0.0 129.0

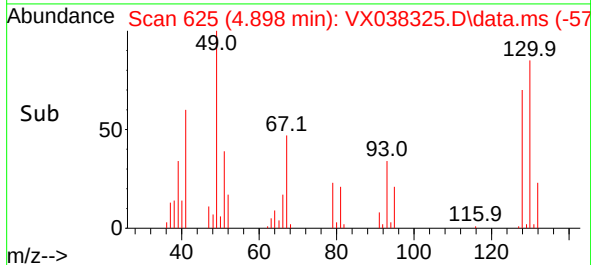
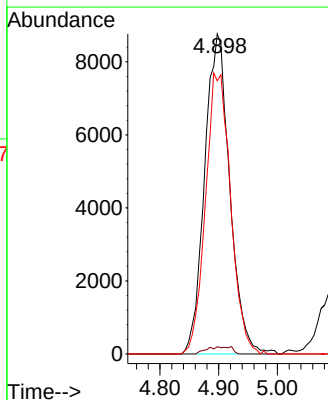
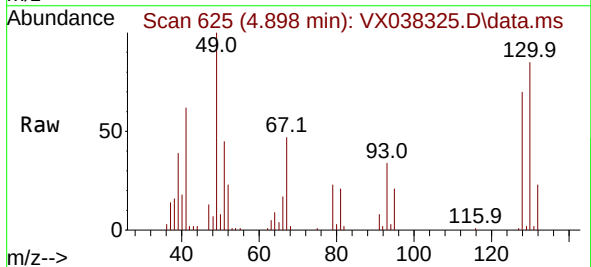
Manual Integrations
 APPROVED

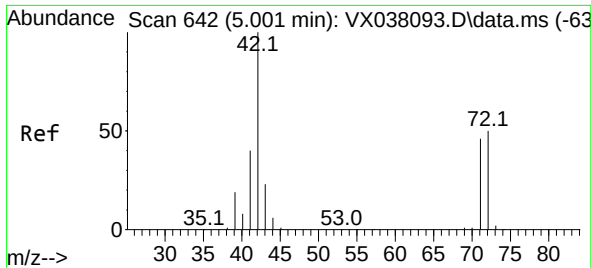
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 18.204 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.001 min
 Lab File: VX038325.D
 Acq: 17 Oct 2023 13:35

Tgt Ion: 49 Resp: 26054
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 87.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 93.043 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 42 Resp: 9993

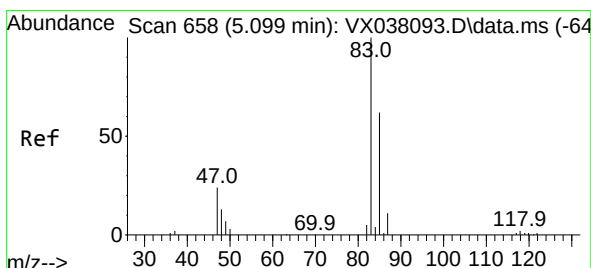
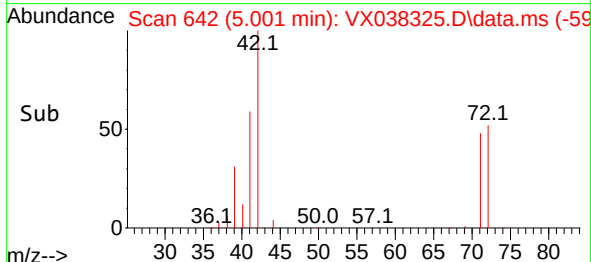
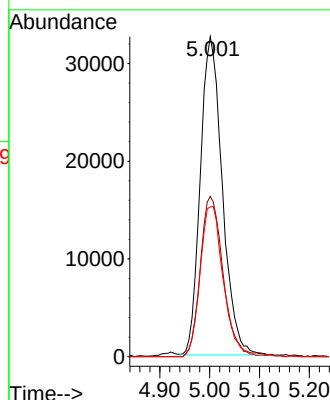
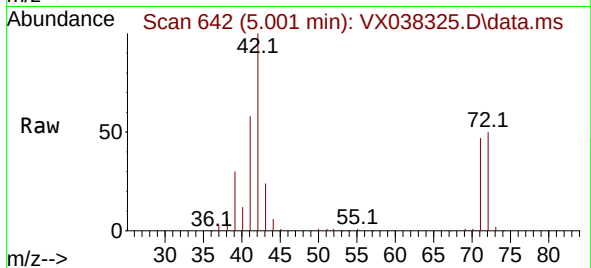
Ion	Ratio	Lower	Upper
42	100		
72	52.5	34.2	51.4
71	49.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 19.775 ug/l

RT: 5.093 min Scan# 657

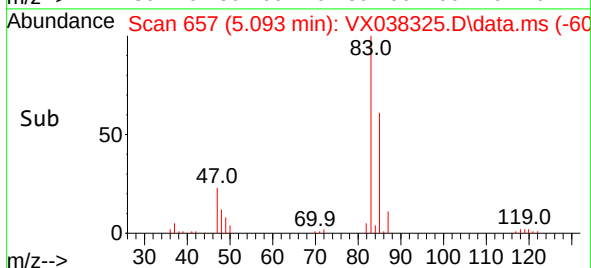
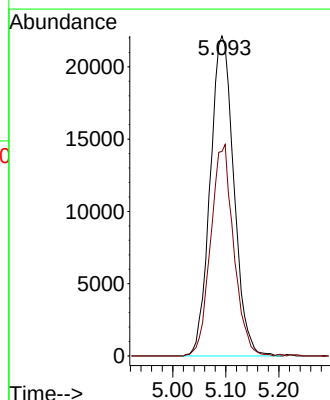
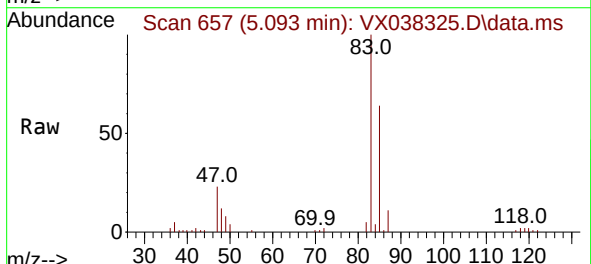
Delta R.T. -0.000 min

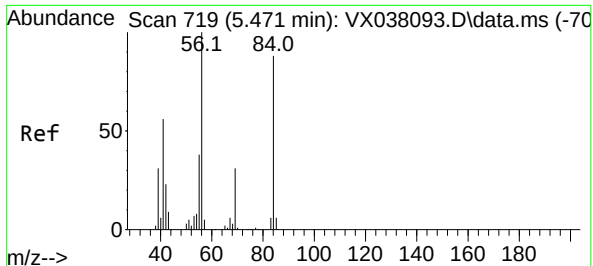
Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Tgt Ion: 83 Resp: 68557

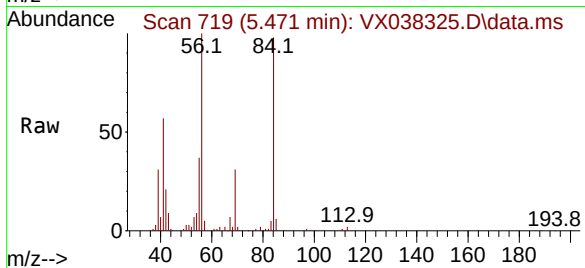
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5





#31
Cyclohexane
Concen: 19.204 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

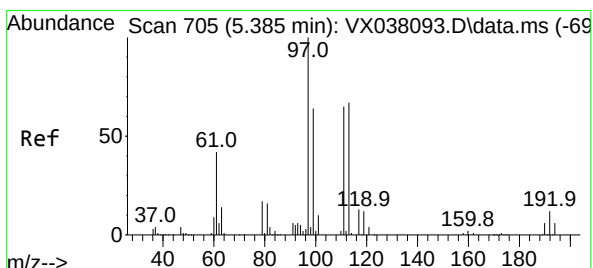
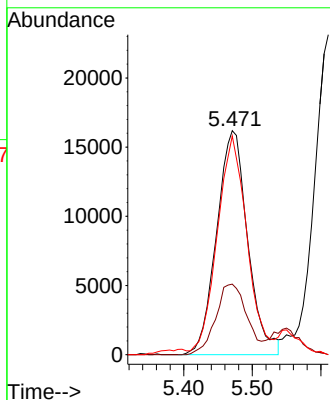
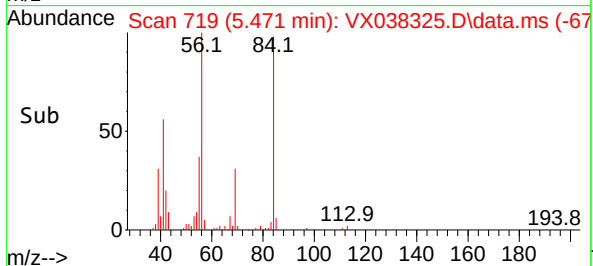
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 56 Resp: 50972
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 95.3 65.9 98.9

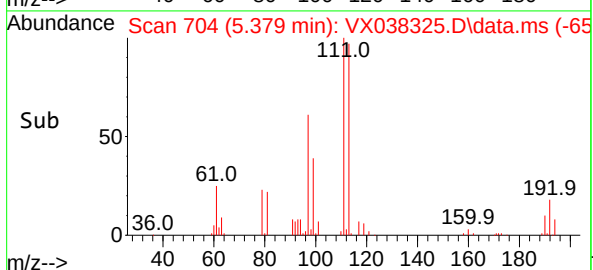
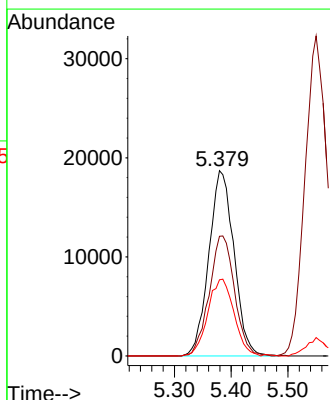
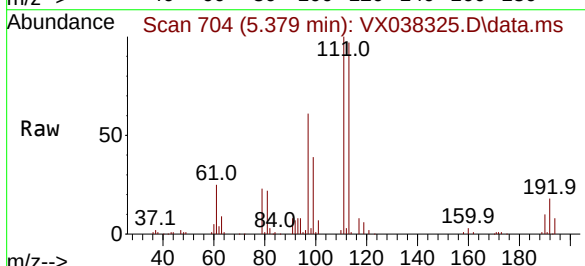
Manual Integrations
APPROVED

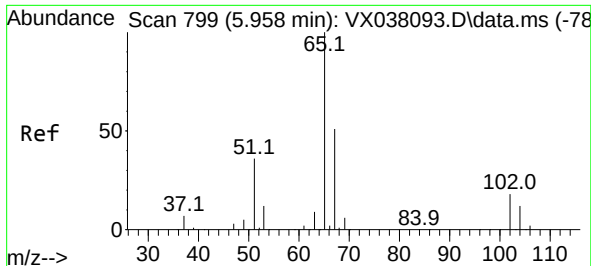
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 19.392 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion: 97 Resp: 57585
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 43.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.744 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 65 Resp: 109618

Ion Ratio Lower Upper

65 100

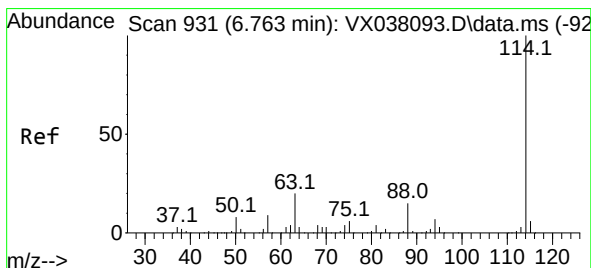
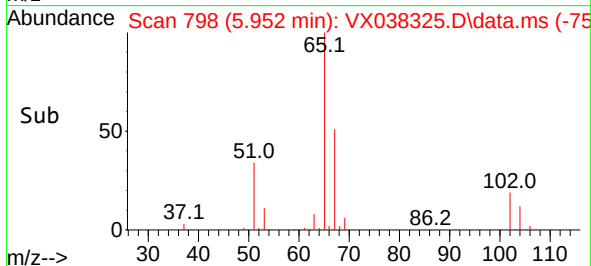
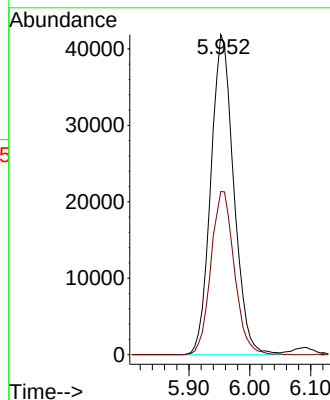
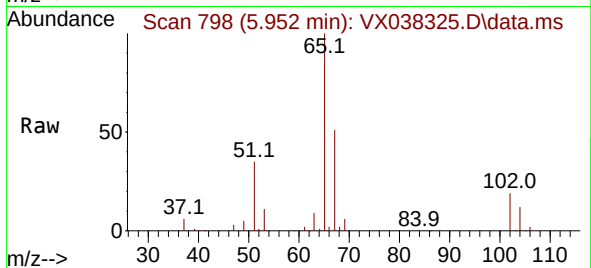
67 52.1 0.0 100.2

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: VX038325.D

Acq: 17 Oct 2023 13:35

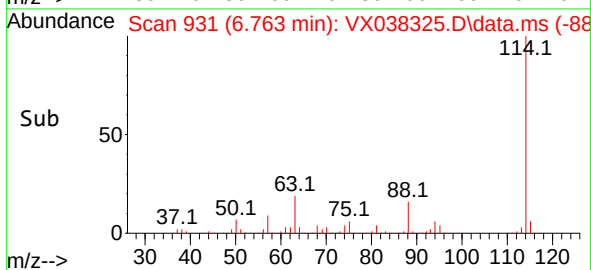
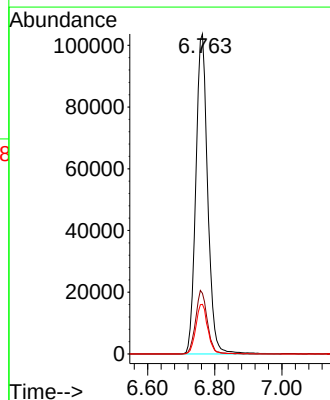
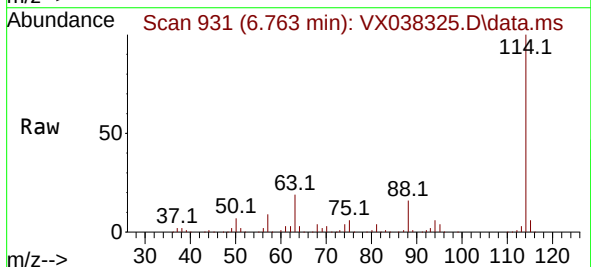
Tgt Ion:114 Resp: 253675

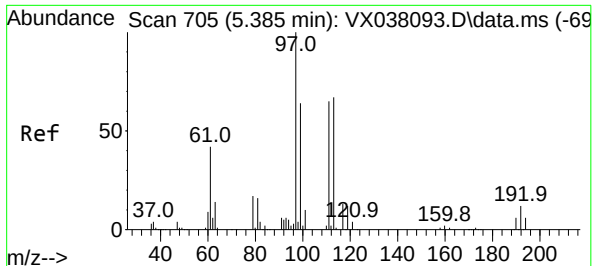
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

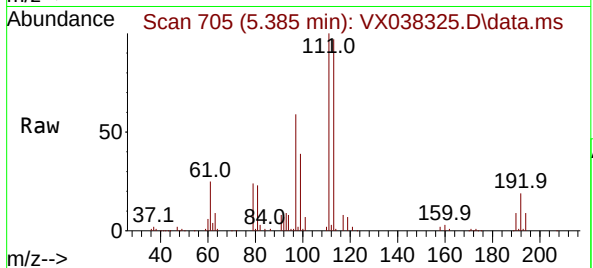
88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.093 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

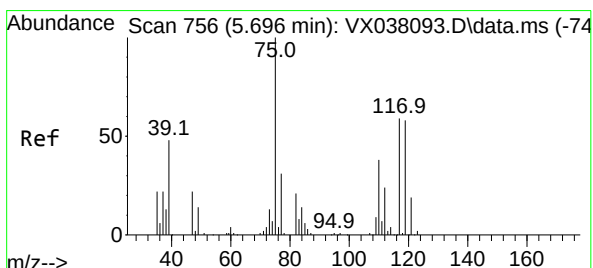
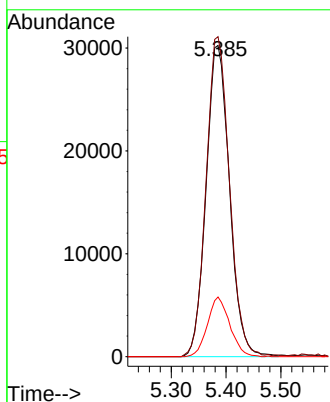
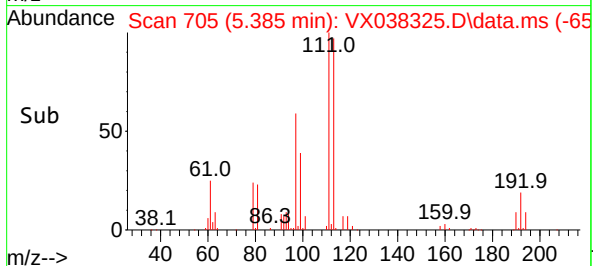
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 113 Resp: 8973
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.3 13.3 19.9

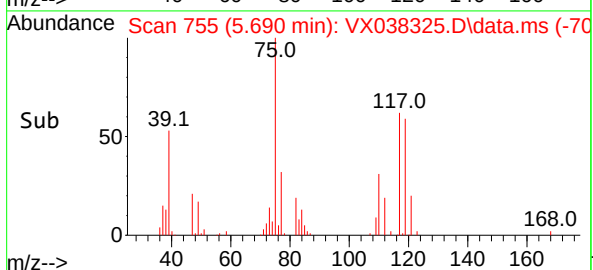
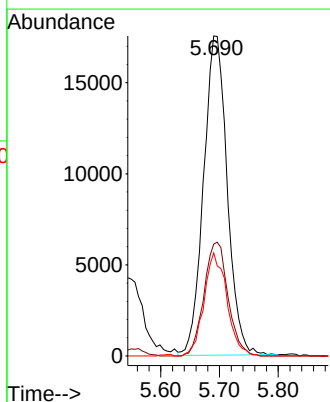
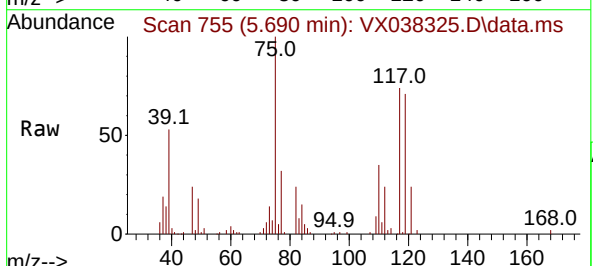
Manual Integrations
APPROVED

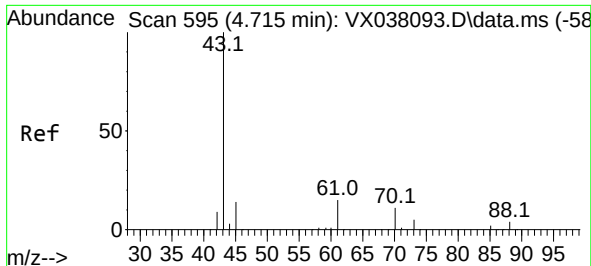
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#36
1,1-Dichloropropene
Concen: 19.479 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion: 75 Resp: 49100
Ion Ratio Lower Upper
75 100
110 36.2 17.0 50.9
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 19.363 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

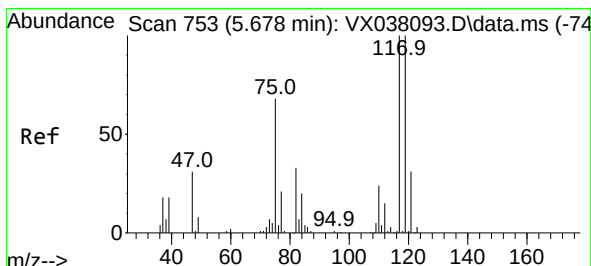
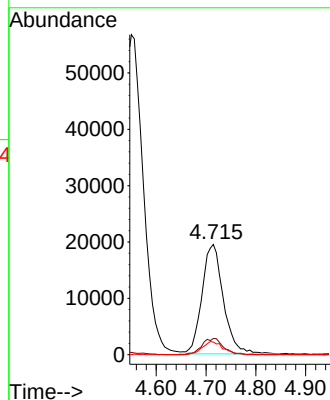
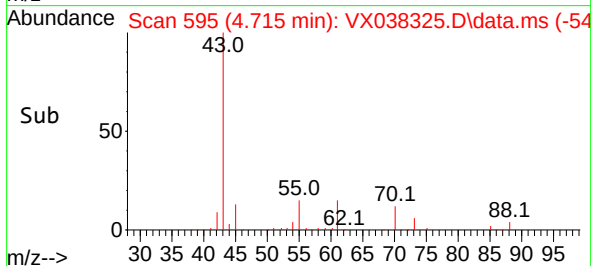
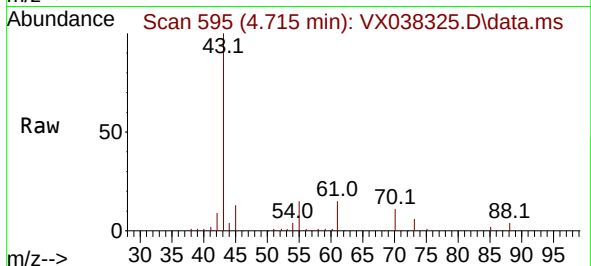
VX1017WBSD01

Tgt Ion: 43 Resp: 5796

Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.6	16.0
70	11.6	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: 20.095 ug/l

RT: 5.678 min Scan# 753

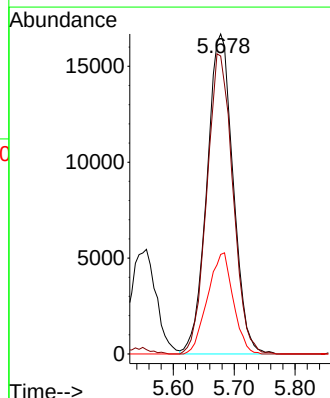
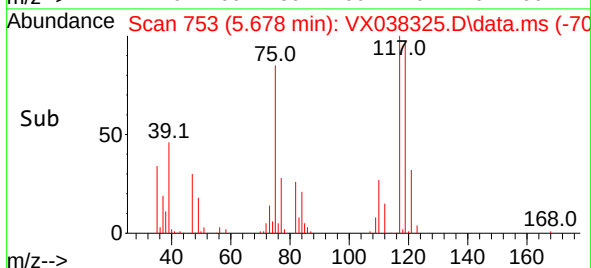
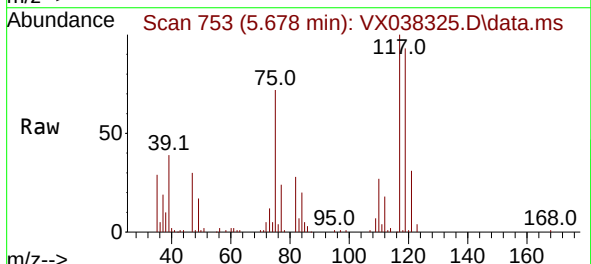
Delta R.T. -0.000 min

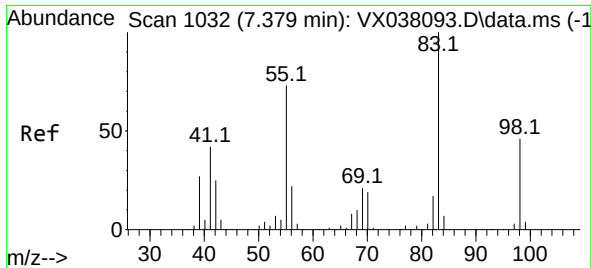
Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Tgt Ion:117 Resp: 49829

Ion	Ratio	Lower	Upper
117	100		
119	93.1	78.2	117.2
121	31.1	24.4	36.6





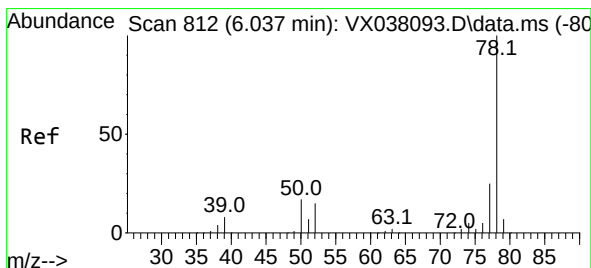
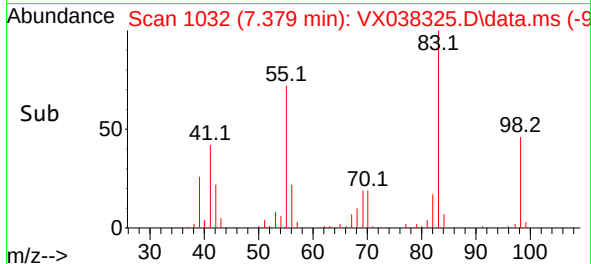
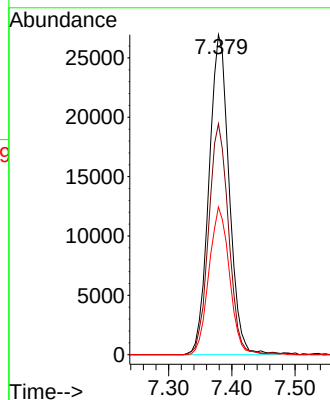
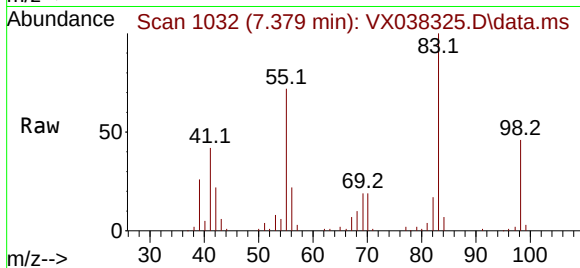
#39
Methylcyclohexane
Concen: 20.243 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 83 Resp: 59760
Ion Ratio Lower Upper
83 100
55 72.2 64.6 97.0
98 46.1 36.7 55.1

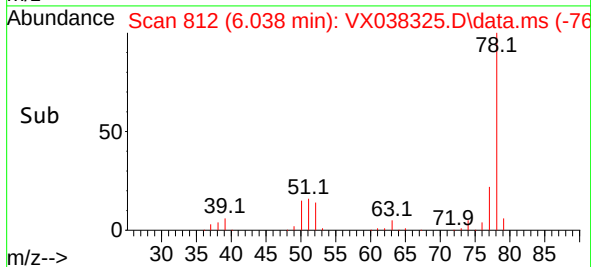
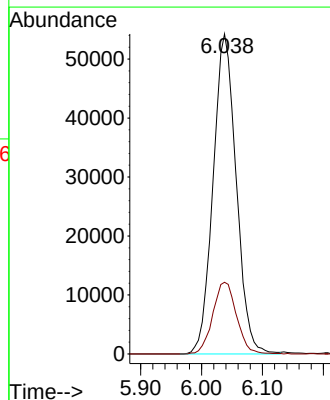
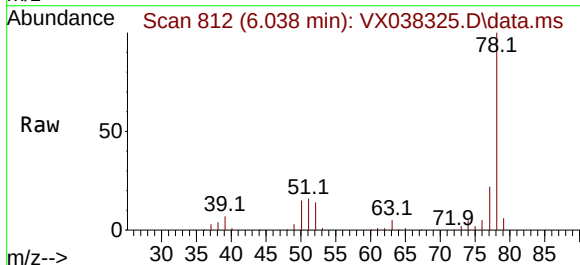
Manual Integrations
APPROVED

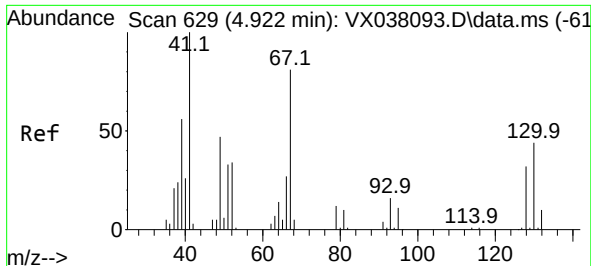
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#40
Benzene
Concen: 20.300 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

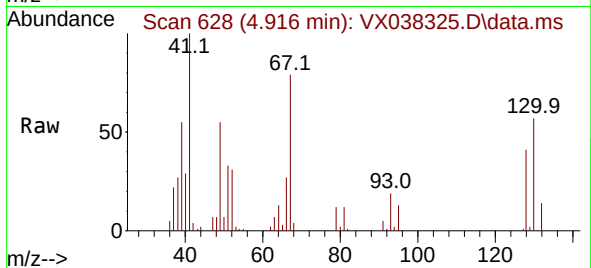
Tgt Ion: 78 Resp: 143114
Ion Ratio Lower Upper
78 100
77 22.4 19.3 28.9





#41
Methacrylonitrile
Concen: 19.576 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

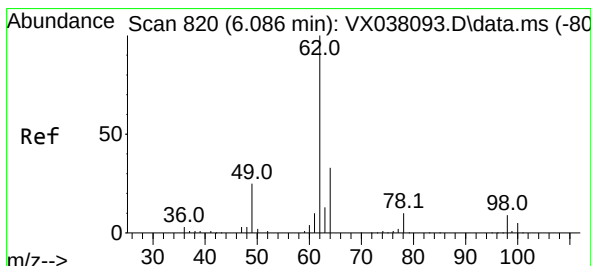
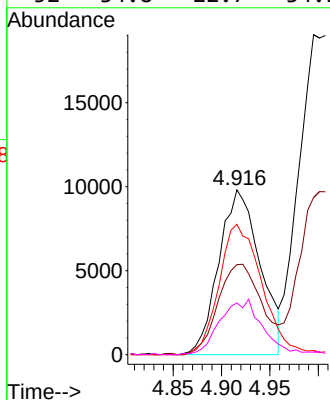
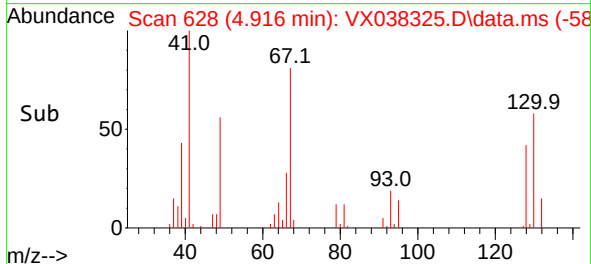
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 41 Resp: 2915
Ion Ratio Lower Upper
41 100
39 57.9 45.2 67.8
67 82.5 52.6 78.8
52 34.8 22.7 34.1#

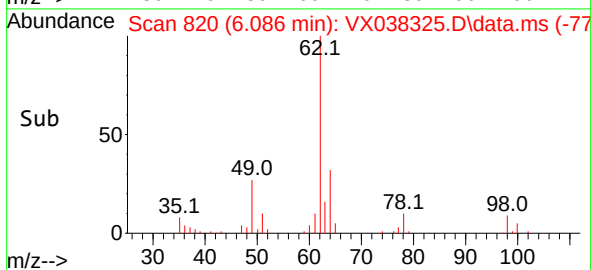
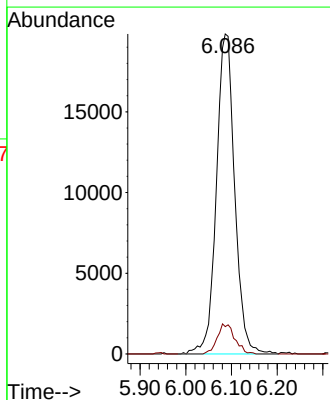
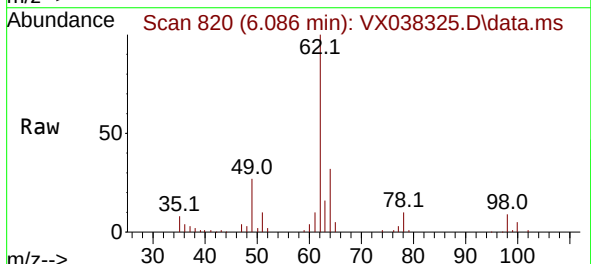
Manual Integrations
APPROVED

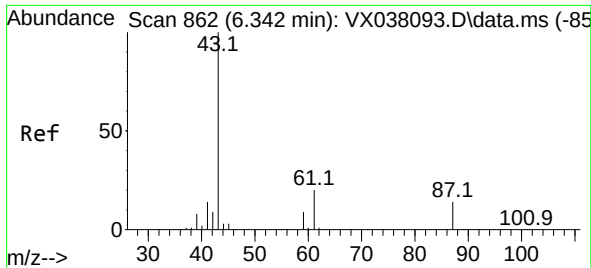
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 19.609 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion: 62 Resp: 55234
Ion Ratio Lower Upper
62 100
98 9.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.962 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

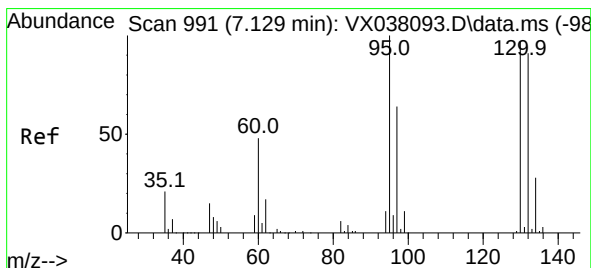
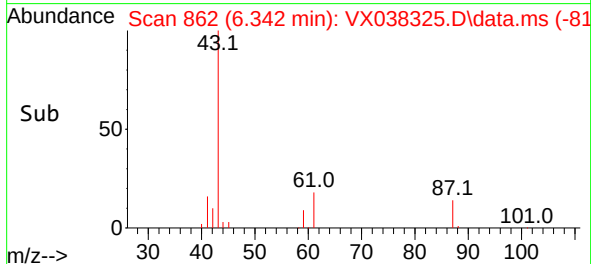
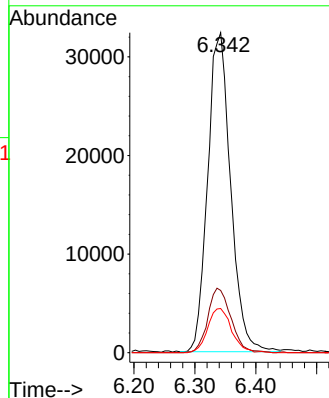
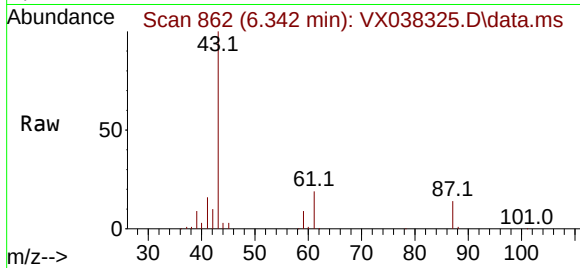
Tgt Ion: 43	Resp: 8474
Ion Ratio	Lower Upper
43 100	
61 20.4	15.2 22.8
87 14.3	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#44

Trichloroethene

Concen: 21.213 ug/l

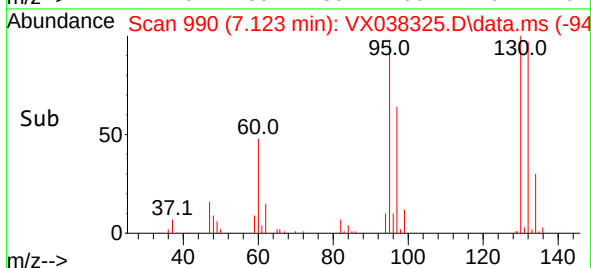
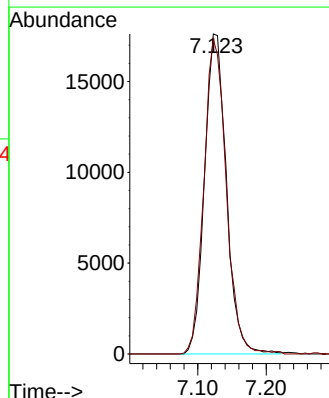
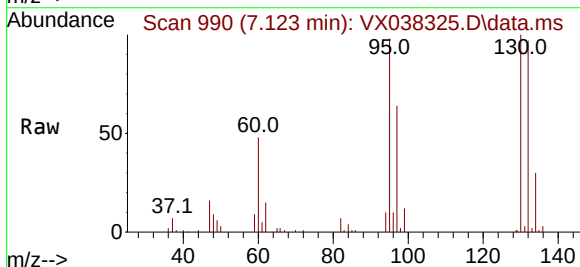
RT: 7.123 min Scan# 990

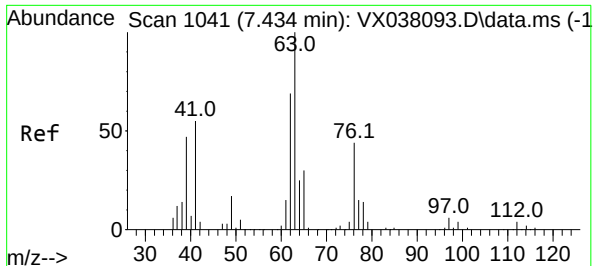
Delta R.T. -0.006 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

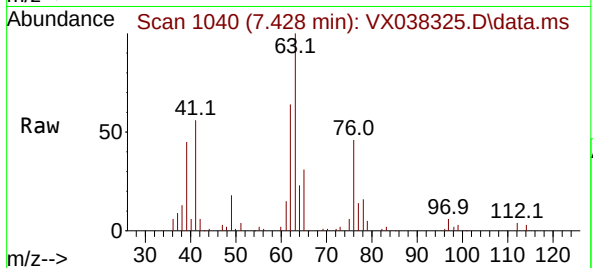
Tgt Ion:130	Resp: 39115
Ion Ratio	Lower Upper
130 100	
95 98.4	0.0 204.4





#45
1,2-Dichloropropane
Concen: 19.821 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

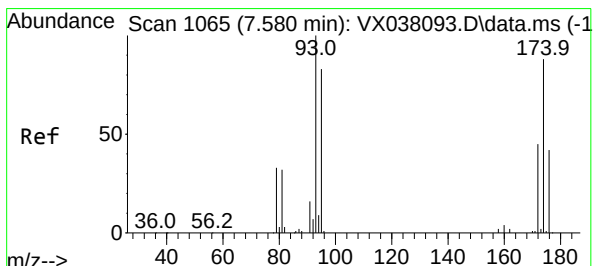
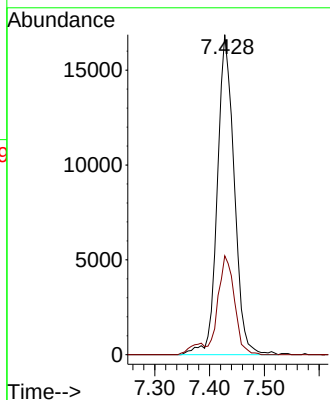
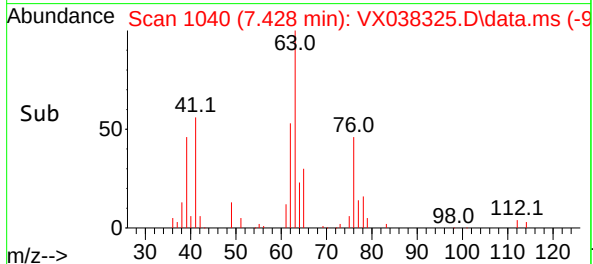
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 63 Resp: 3616
Ion Ratio Lower Upper
63 100
65 30.9 24.3 36.5

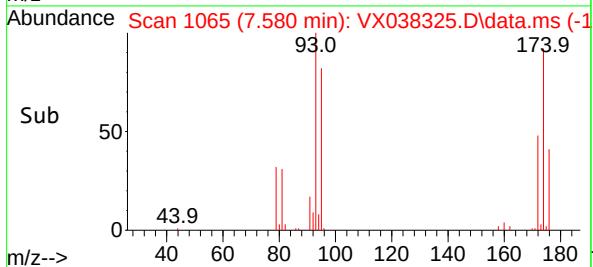
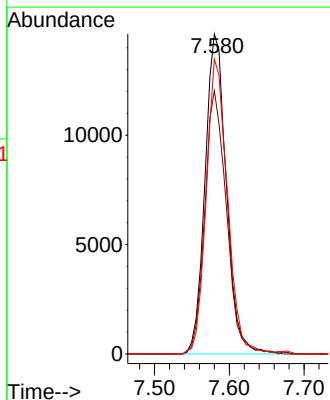
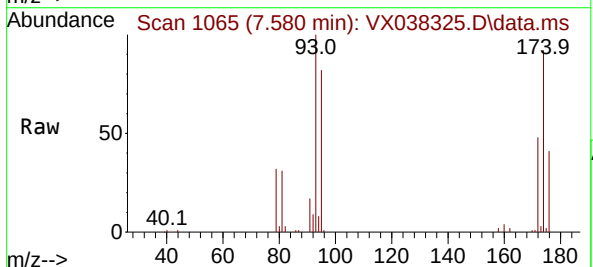
Manual Integrations
APPROVED

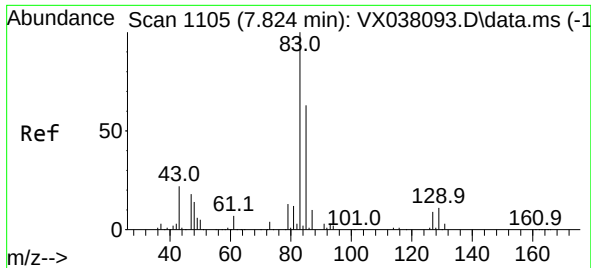
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#46
Dibromomethane
Concen: 20.513 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion: 93 Resp: 29030
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 91.4 69.4 104.0





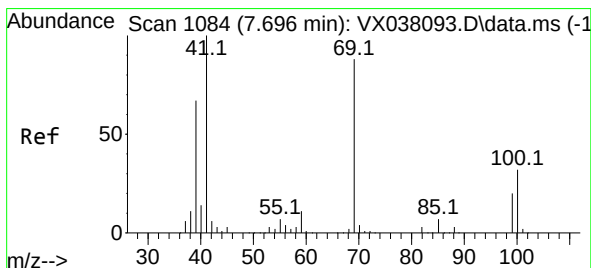
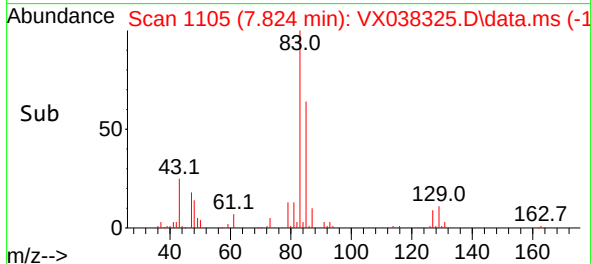
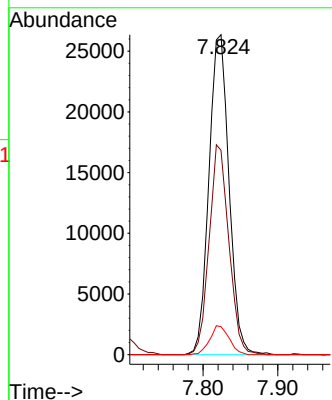
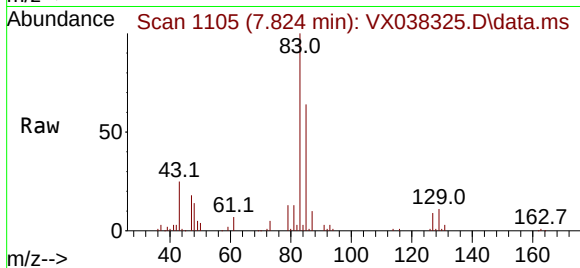
#47
Bromodichloromethane
Concen: 19.597 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 83 Resp: 4933
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 8.8 7.1 10.7

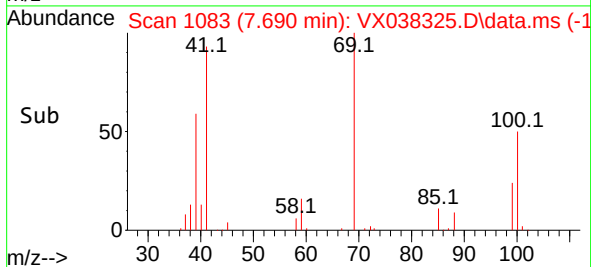
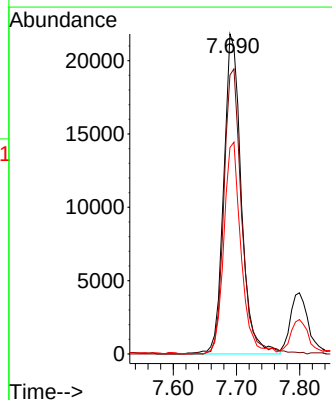
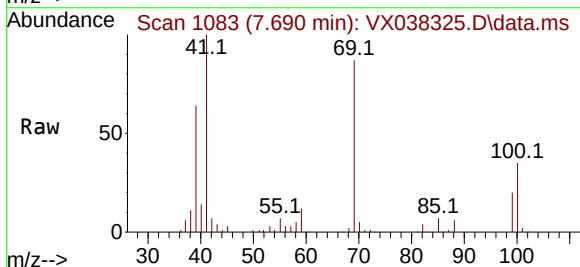
Manual Integrations
APPROVED

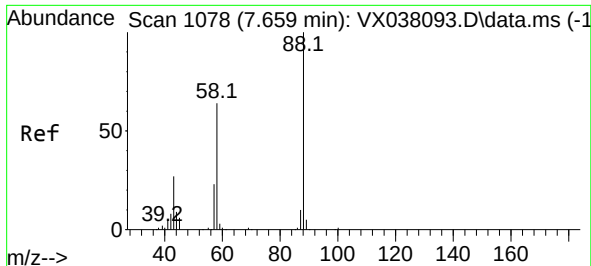
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 19.641 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

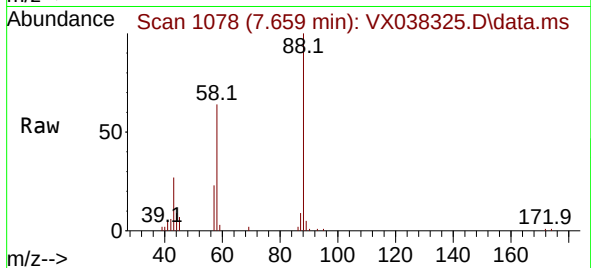
Tgt Ion: 41 Resp: 41903
Ion Ratio Lower Upper
41 100
69 90.1 59.2 88.8#
39 65.0 47.7 71.5





#49
1,4-Dioxane
Concen: 415.605 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

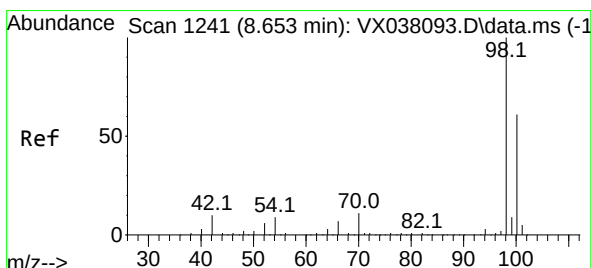
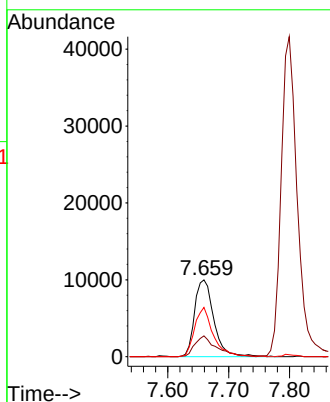
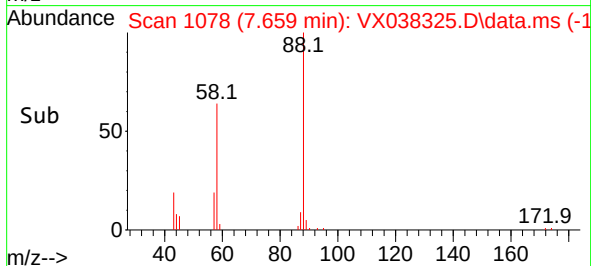
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 88 Resp: 21849
Ion Ratio Lower Upper
88 100
43 30.1 0.0 0.0
58 62.4 60.1 90.1

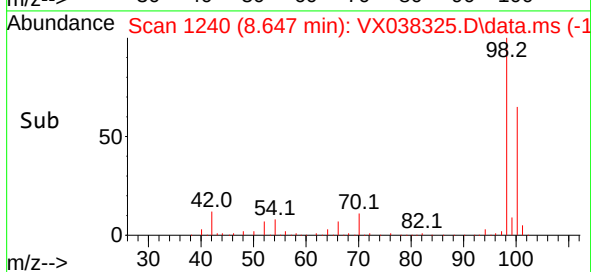
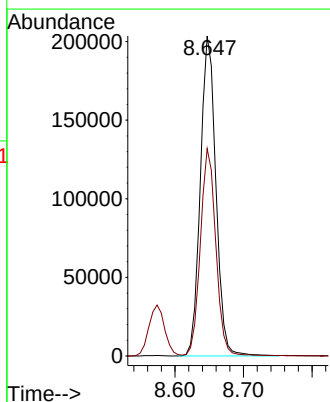
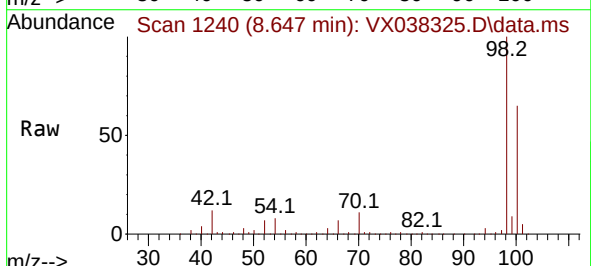
Manual Integrations
APPROVED

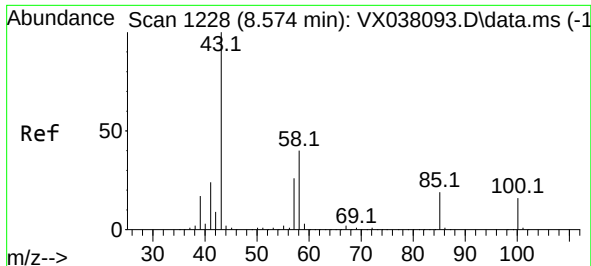
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#50
Toluene-d8
Concen: 46.121 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion: 98 Resp: 322147
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7





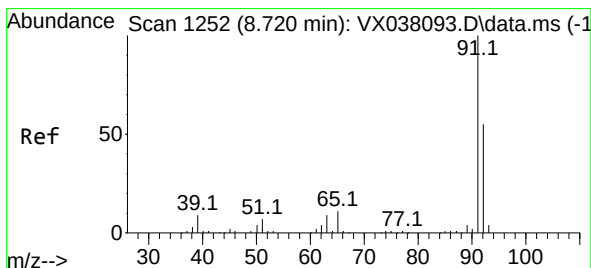
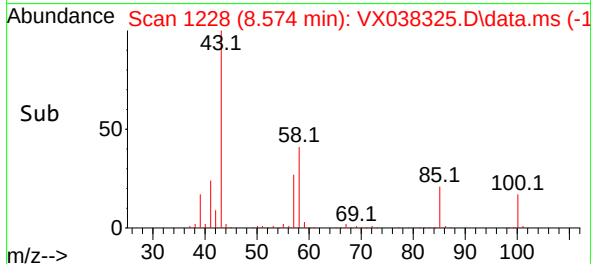
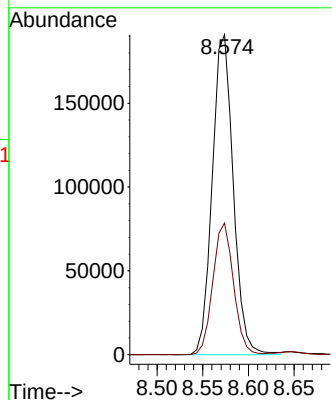
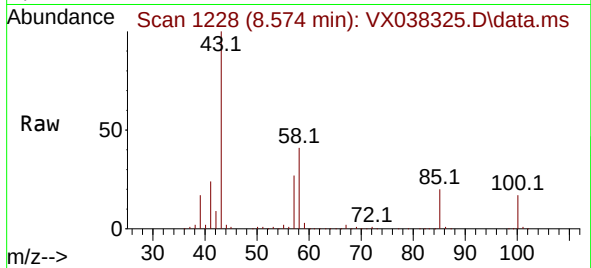
#51
4-Methyl-2-Pentanone
Concen: 99.184 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 43 Resp: 305734
Ion Ratio Lower Upper
43 100
58 40.5 30.4 45.6

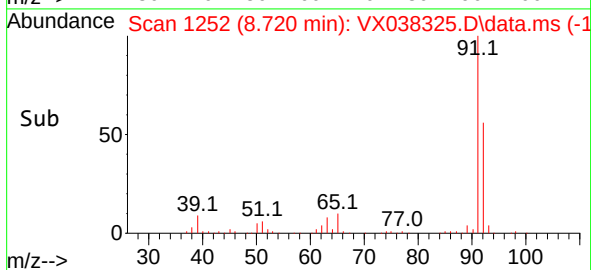
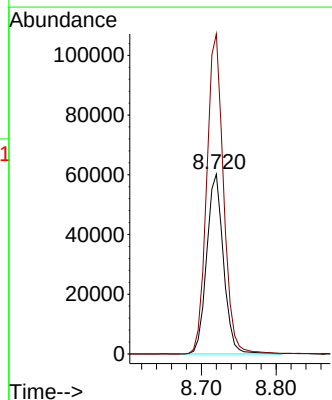
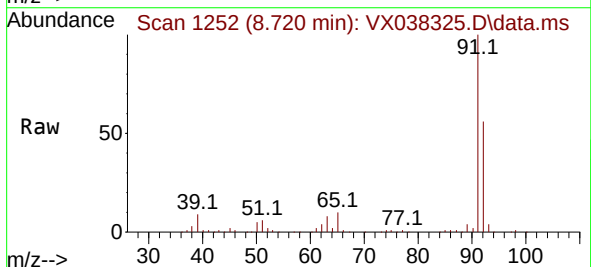
Manual Integrations
APPROVED

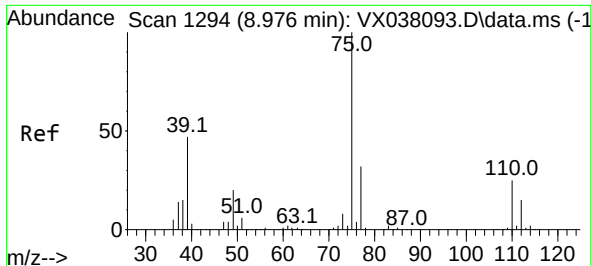
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 20.386 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion: 92 Resp: 93621
Ion Ratio Lower Upper
92 100
91 178.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.850 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 75 Resp: 5094

Ion Ratio Lower Upper

75 100

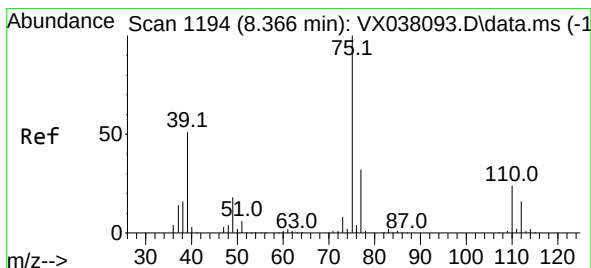
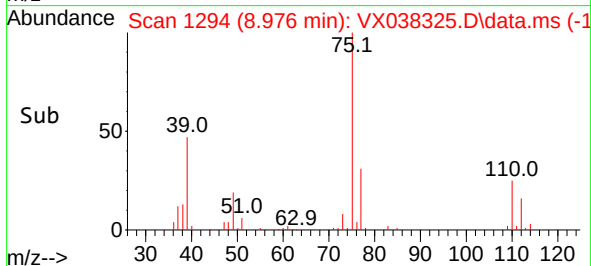
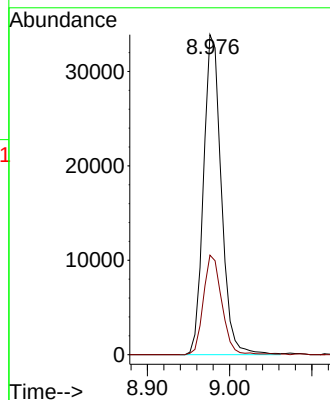
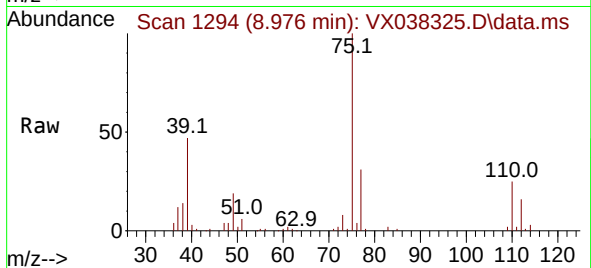
77 31.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#54

cis-1,3-Dichloropropene

Concen: 19.877 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

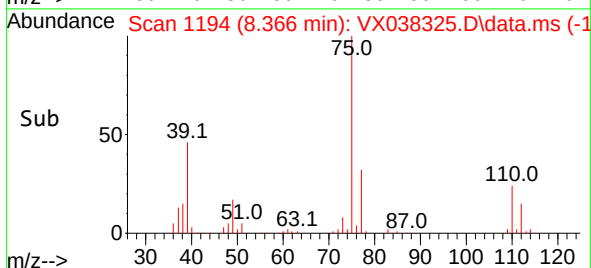
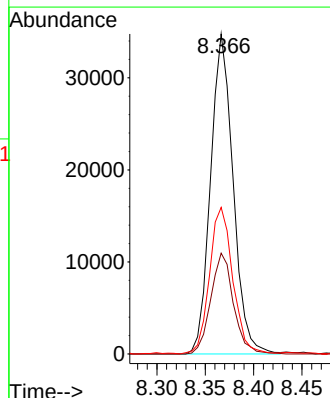
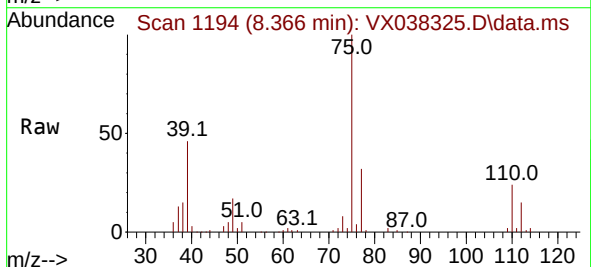
Tgt Ion: 75 Resp: 56436

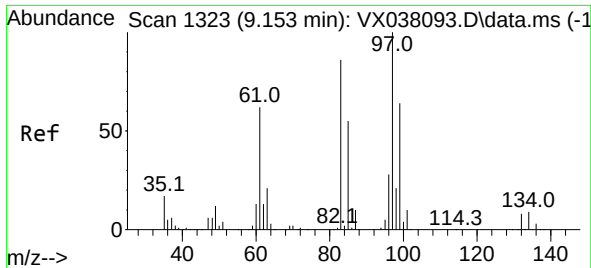
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

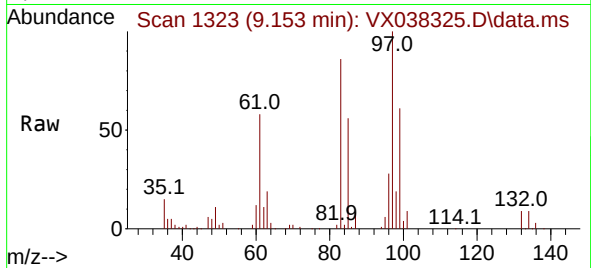
39 45.8 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 20.467 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

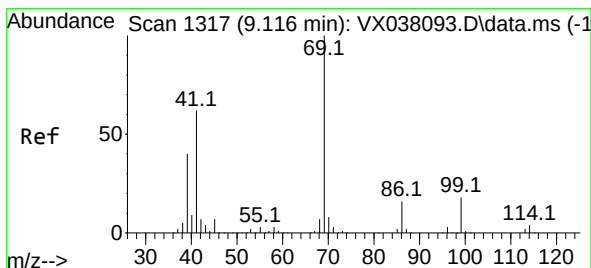
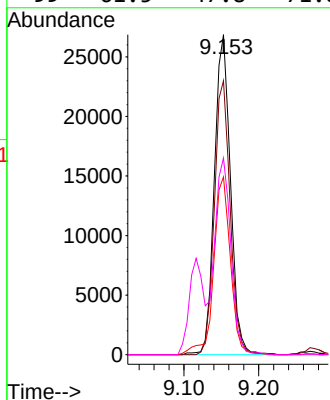
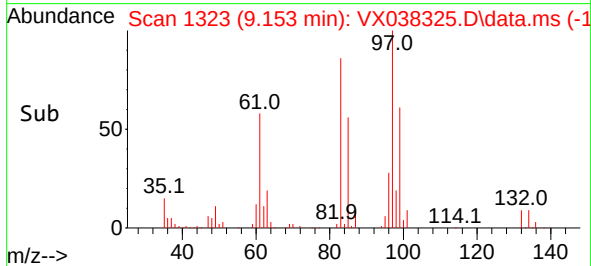
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.8	98.8
85	55.6	41.6	62.4
99	61.5	47.8	71.8

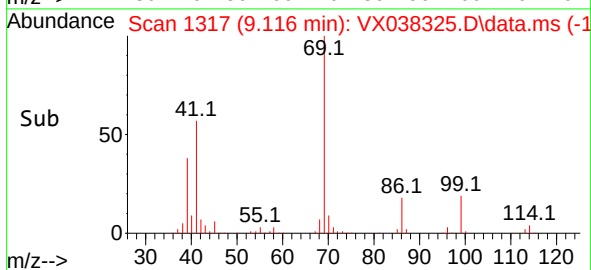
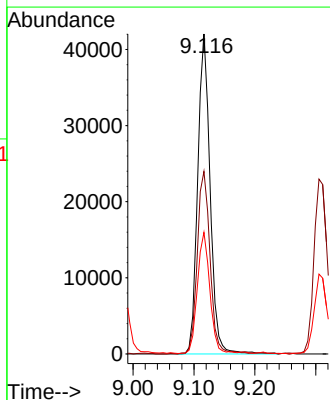
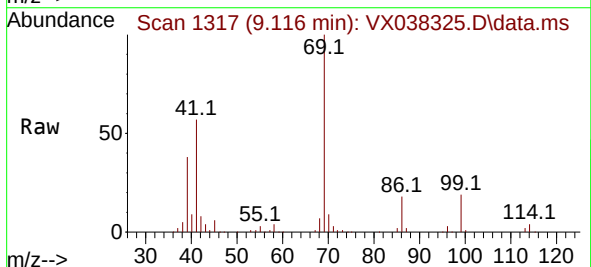
Manual Integrations
APPROVED

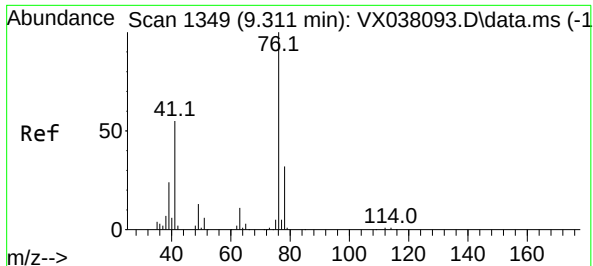
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#56
Ethyl methacrylate
Concen: 19.771 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.0	56.8	85.2
39	37.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.259 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 76 Resp: 64362

Ion Ratio Lower Upper

76 100

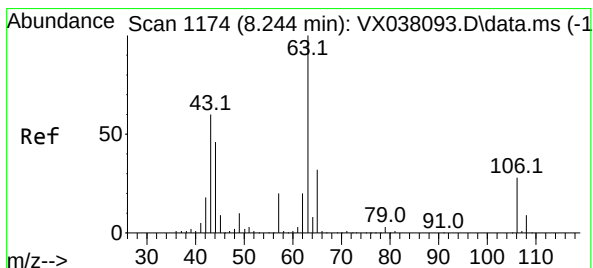
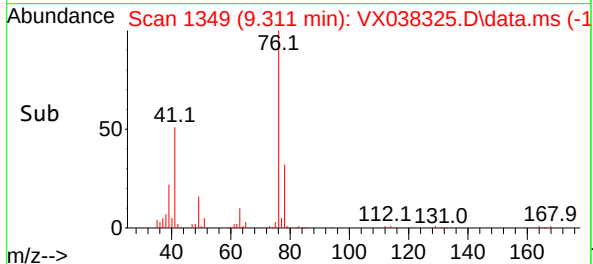
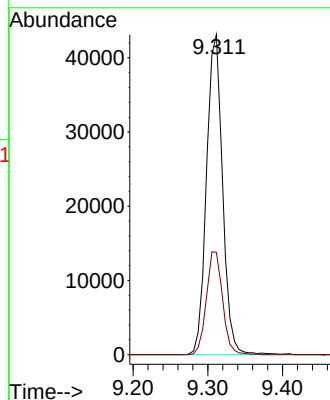
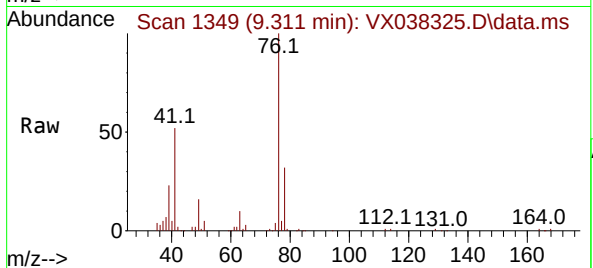
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 90.744 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038325.D

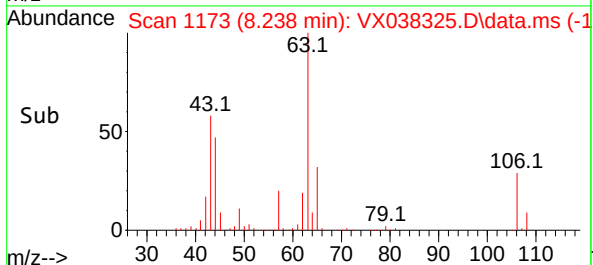
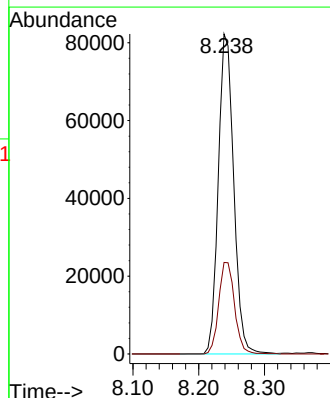
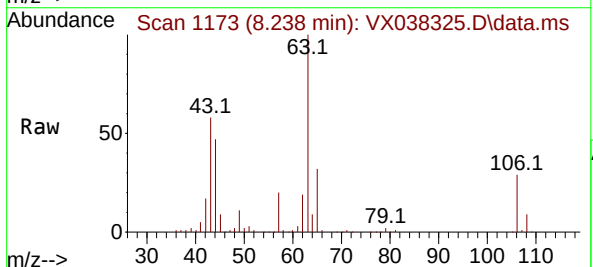
Acq: 17 Oct 2023 13:35

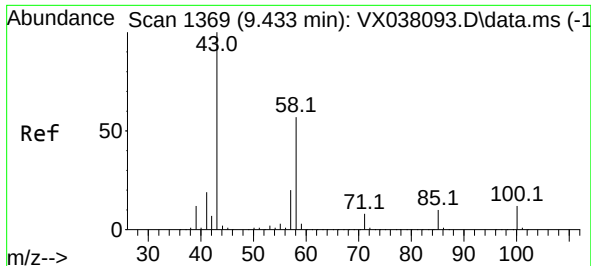
Tgt Ion: 63 Resp: 134151

Ion Ratio Lower Upper

63 100

106 29.4 22.5 33.7





#59

2-Hexanone

Concen: 101.688 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 43 Resp: 25199

Ion Ratio Lower Upper

43 100

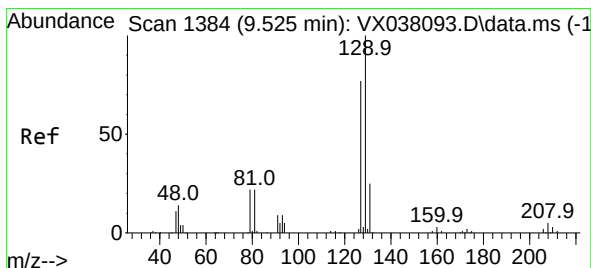
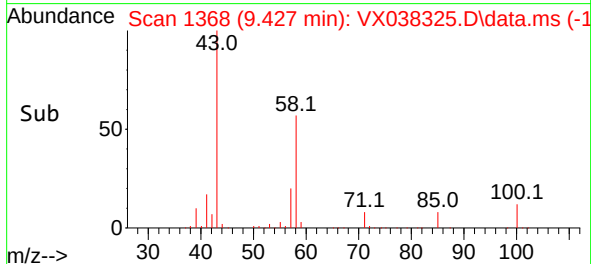
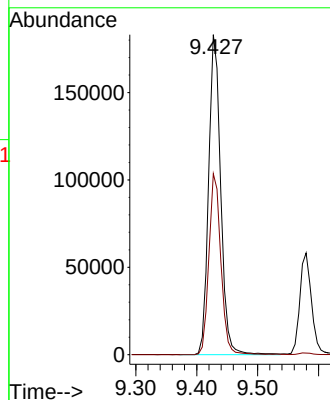
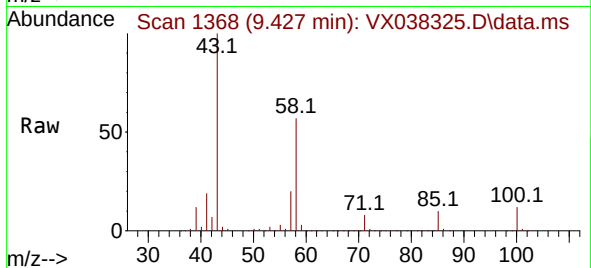
58 55.9 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#60

Dibromochloromethane

Concen: 20.135 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038325.D

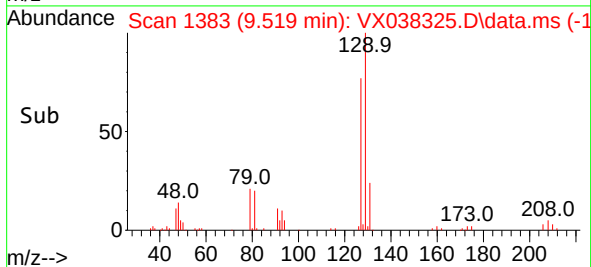
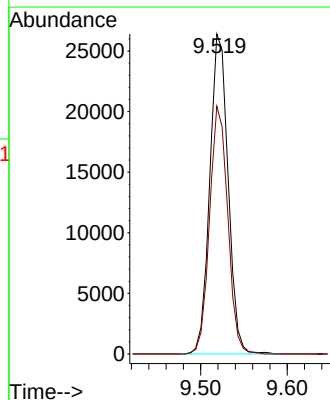
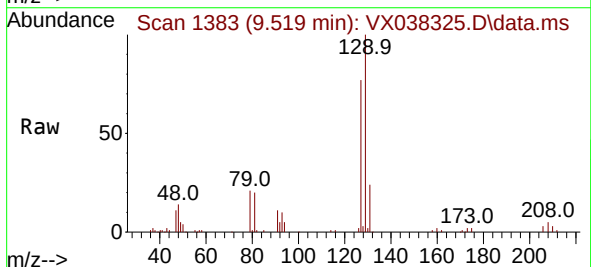
Acq: 17 Oct 2023 13:35

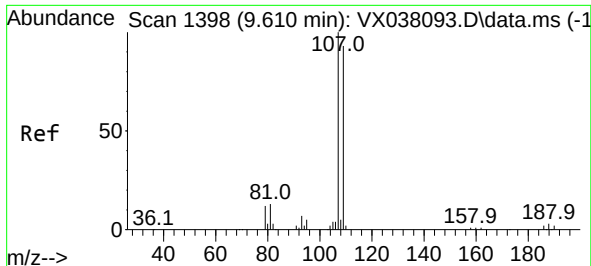
Tgt Ion:129 Resp: 38710

Ion Ratio Lower Upper

129 100

127 77.0 38.8 116.4





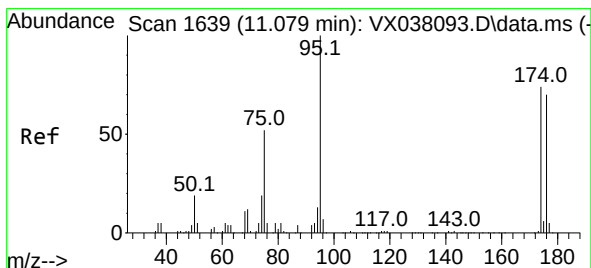
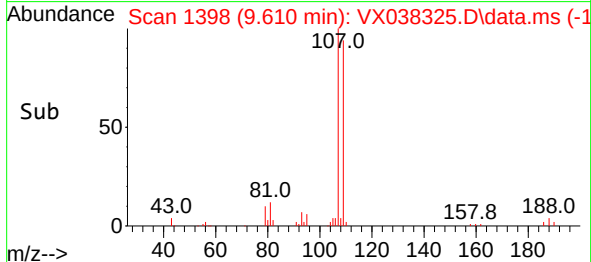
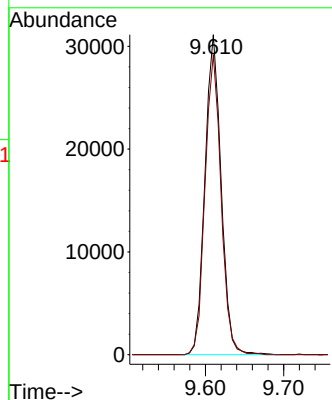
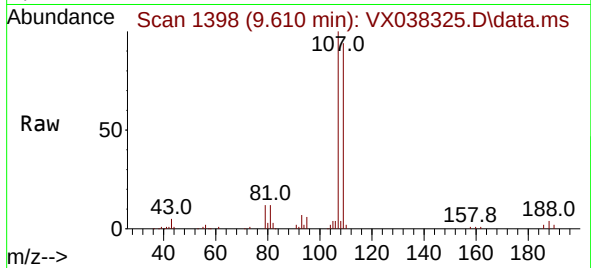
#61
1,2-Dibromoethane
Concen: 21.008 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion:107 Resp: 44625
Ion Ratio Lower Upper
107 100
109 92.9 75.2 112.8

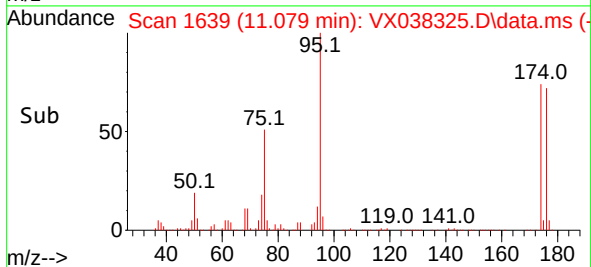
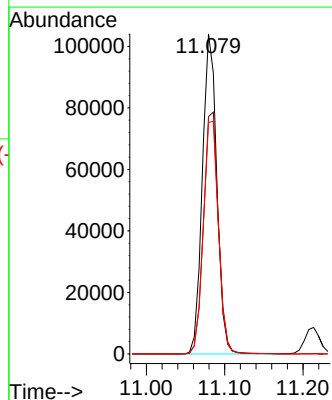
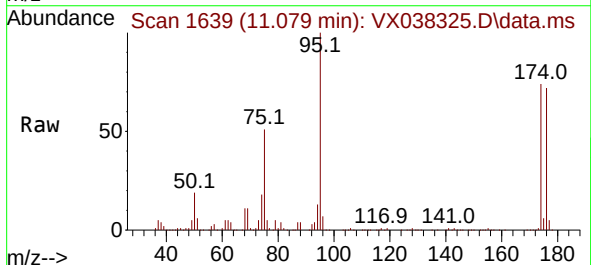
Manual Integrations
APPROVED

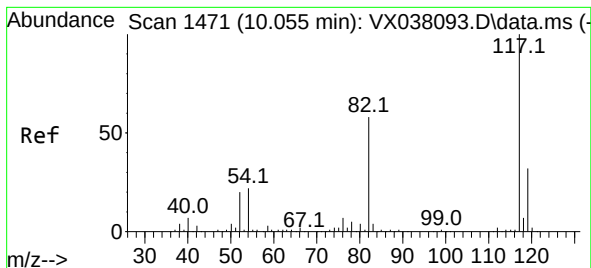
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
4-Bromofluorobenzene
Concen: 50.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

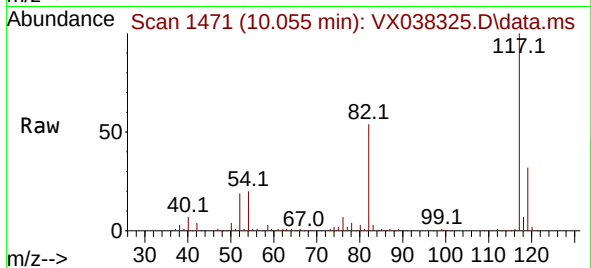
Tgt Ion: 95 Resp: 133243
Ion Ratio Lower Upper
95 100
174 78.2 0.0 135.6
176 76.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

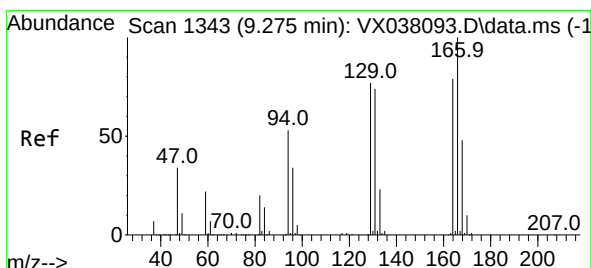
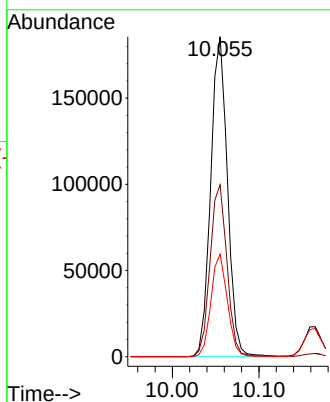
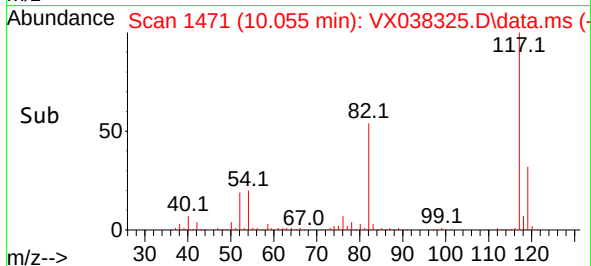
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion:117 Resp: 249350
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 32.1 25.5 38.3

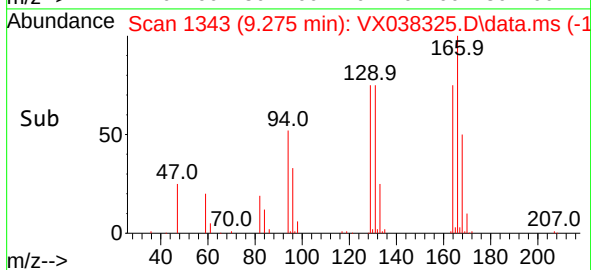
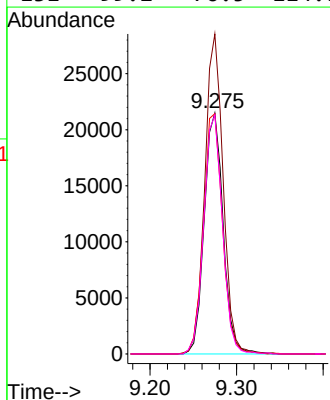
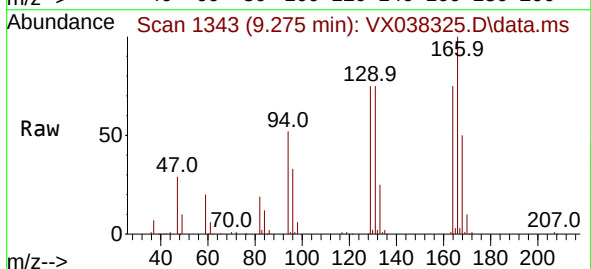
Manual Integrations
APPROVED

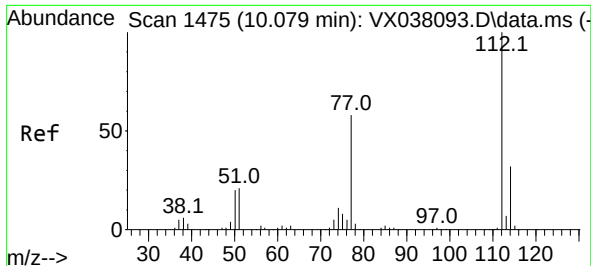
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 20.161 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

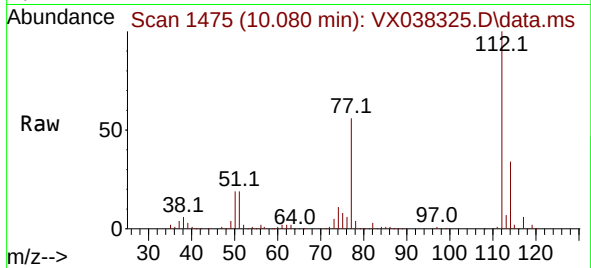
Tgt Ion:164 Resp: 32545
Ion Ratio Lower Upper
164 100
166 132.8 102.7 154.1
129 99.7 80.4 120.6
131 99.2 76.5 114.7





#65
Chlorobenzene
Concen: 20.020 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

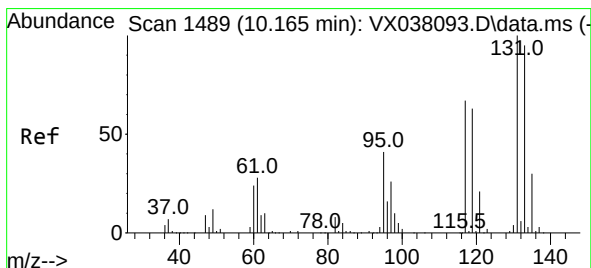
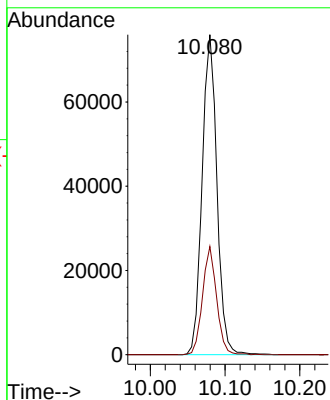
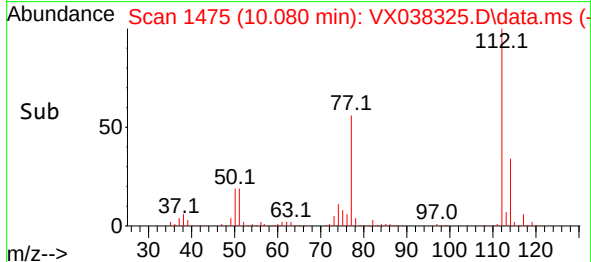
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



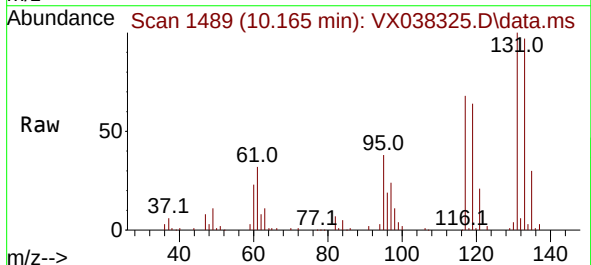
Tgt Ion:112 Resp: 104462
Ion Ratio Lower Upper
112 100
114 33.8 25.7 38.5

Manual Integrations
APPROVED

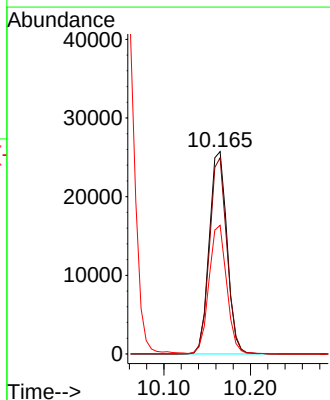
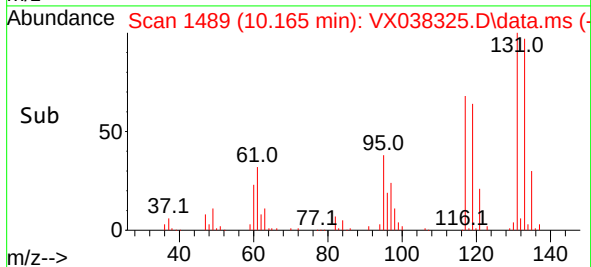
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

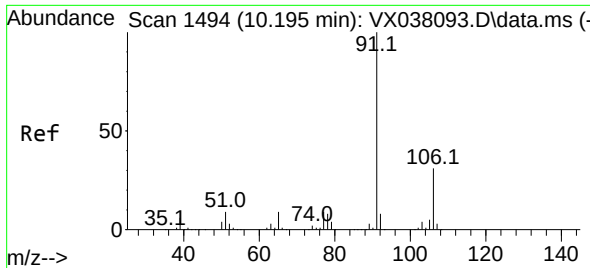


#66
1,1,1,2-Tetrachloroethane
Concen: 20.778 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35



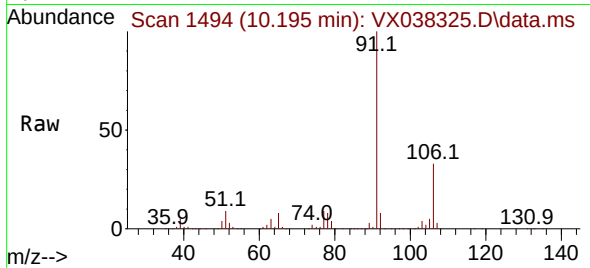
Tgt Ion:131 Resp: 36661
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 63.7 32.2 96.6





#67
Ethyl Benzene
Concen: 19.885 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

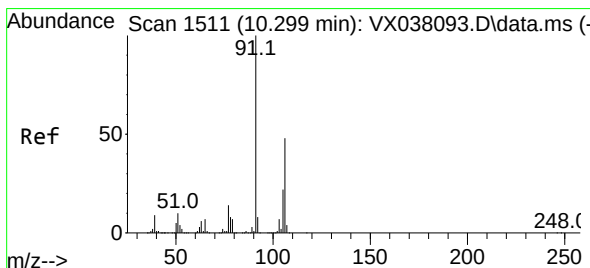
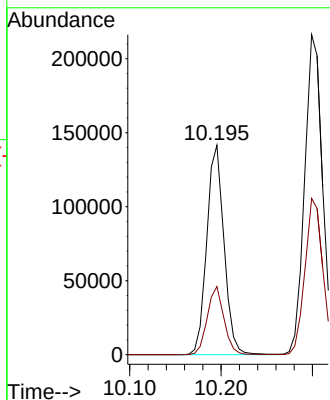
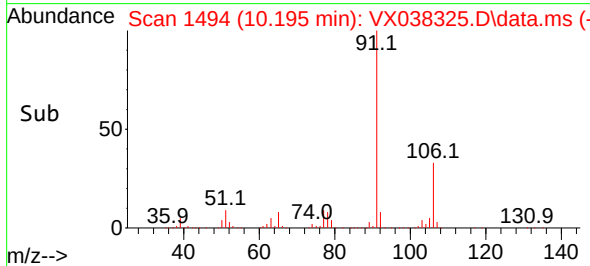
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



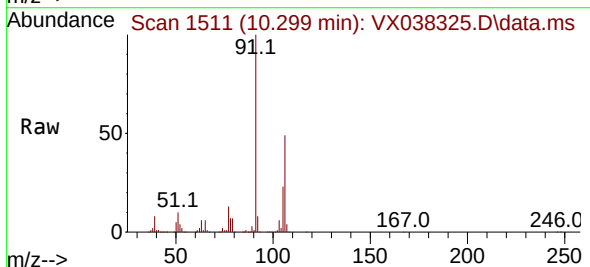
Tgt Ion: 91 Resp: 185209
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

Manual Integrations
APPROVED

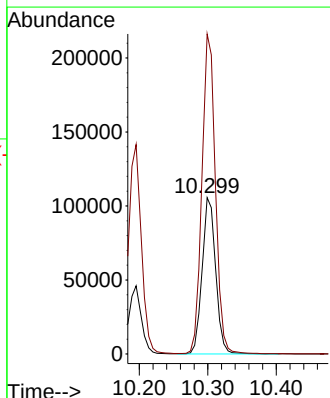
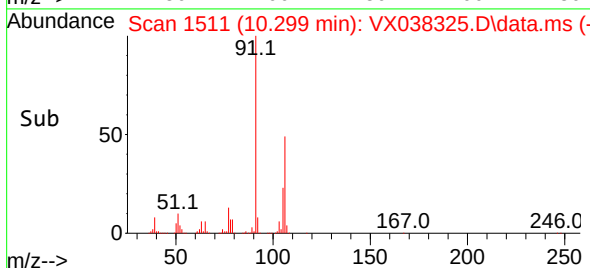
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

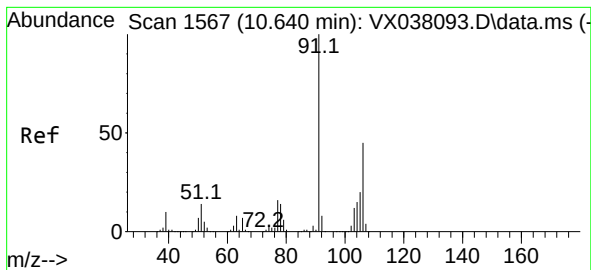


#68
m/p-Xylenes
Concen: 40.368 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35



Tgt Ion:106 Resp: 145378
Ion Ratio Lower Upper
106 100
91 203.5 165.5 248.3





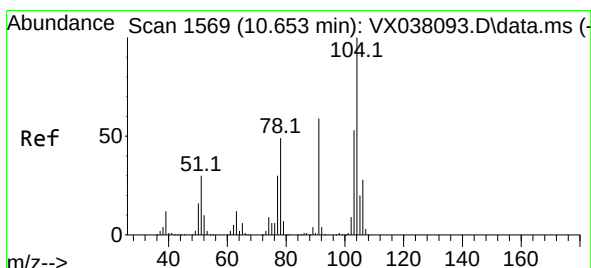
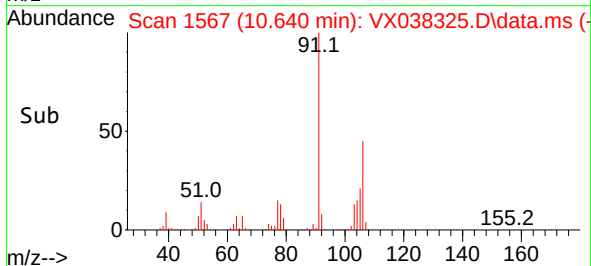
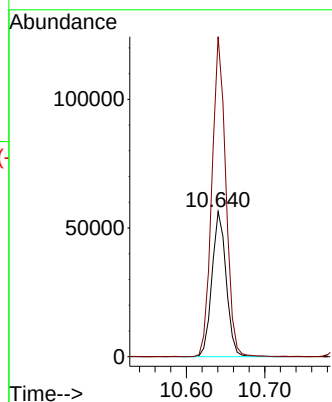
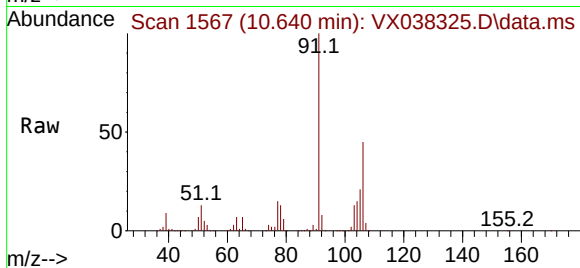
#69
o-Xylene
Concen: 20.162 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion:106 Resp: 7086
Ion Ratio Lower Upper
106 100
91 216.3 108.9 326.8

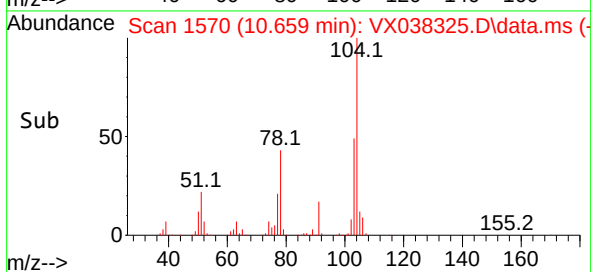
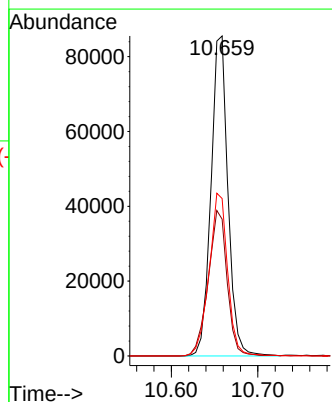
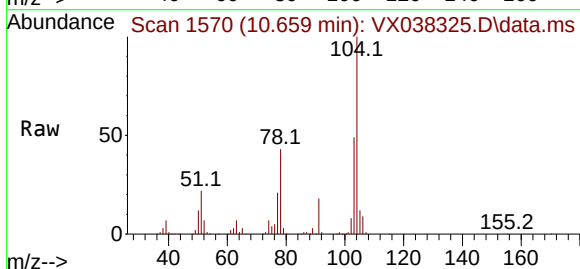
Manual Integrations
APPROVED

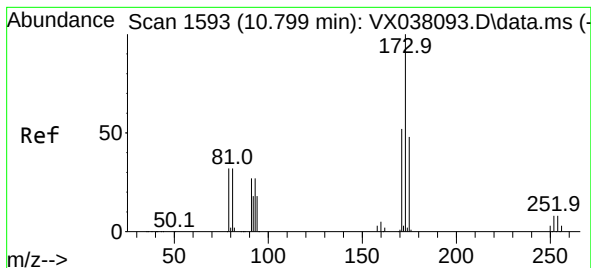
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 20.383 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion:104 Resp: 116674
Ion Ratio Lower Upper
104 100
78 50.5 43.6 65.4
103 55.6 43.6 65.4





#71

Bromoform

Concen: 18.496 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

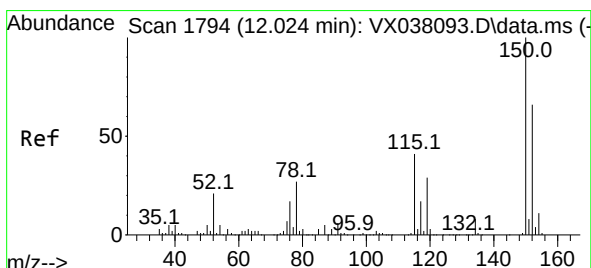
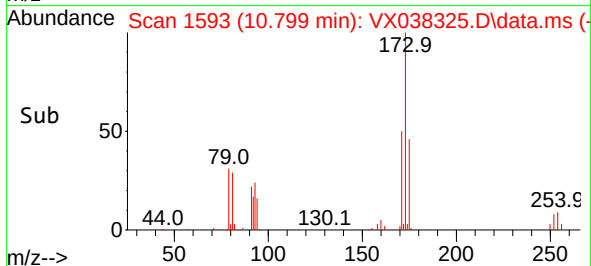
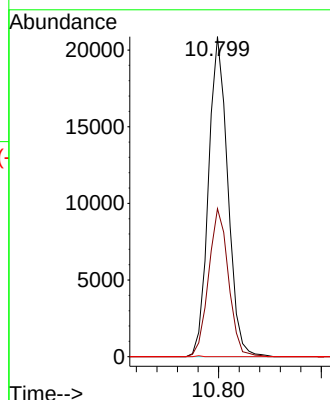
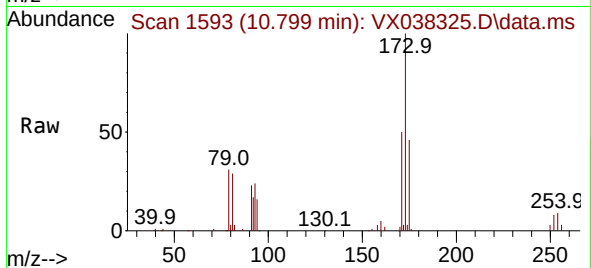
Tgt Ion:	173	Resp:	2714
Ion Ratio	Lower	Upper	
173	100		
175	47.7	24.1	72.4
254	0.1	0.0	0.0

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

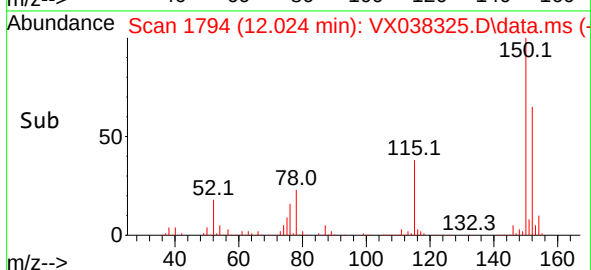
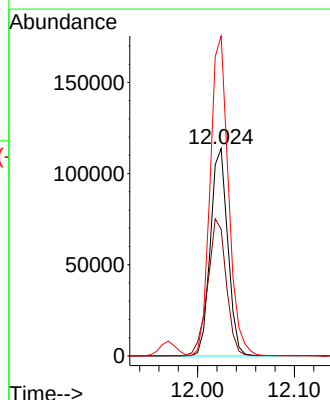
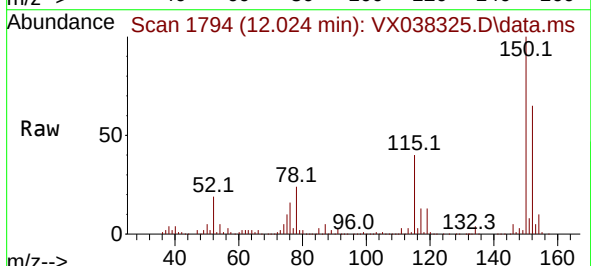
RT: 12.024 min Scan# 1794

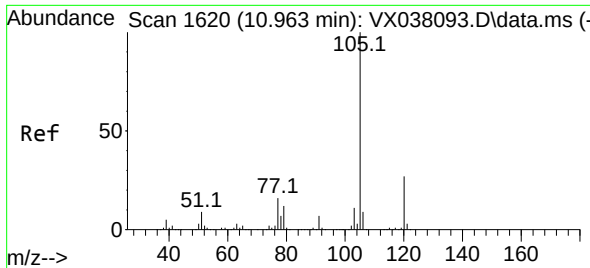
Delta R.T. 0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

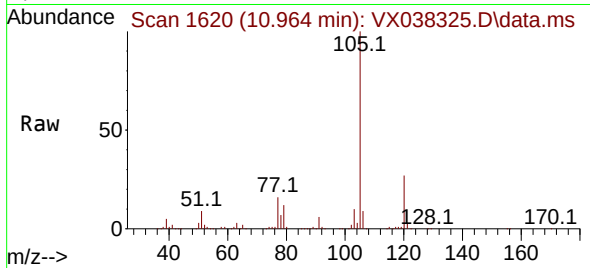
Tgt Ion:	152	Resp:	142150
Ion Ratio	Lower	Upper	
152	100		
115	71.2	43.3	129.9
150	162.3	0.0	345.0





#73
Isopropylbenzene
Concen: 19.728 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

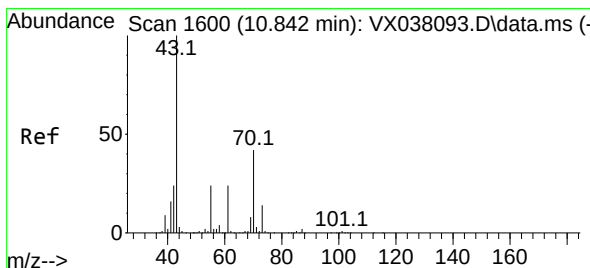
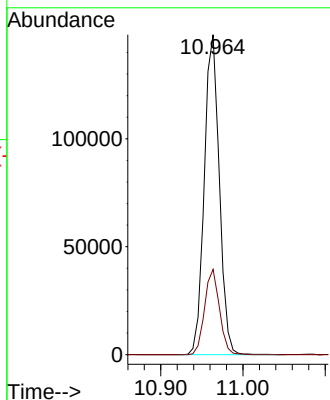
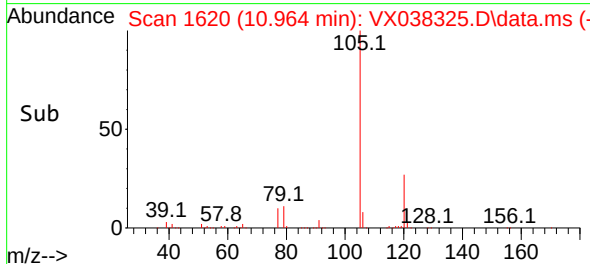
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion:105 Resp: 18806
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

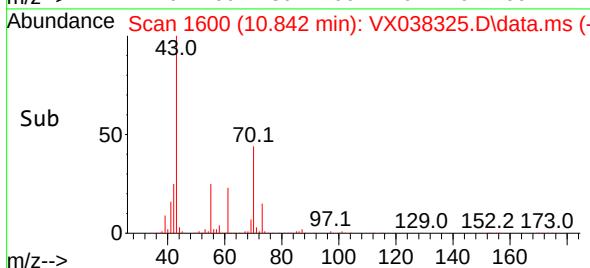
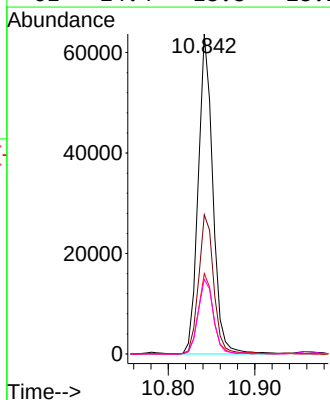
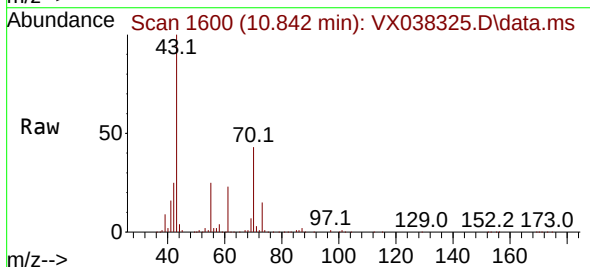
Manual Integrations
APPROVED

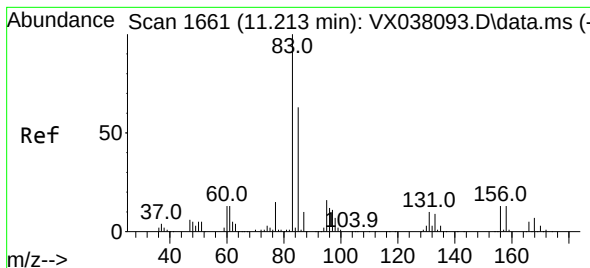
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#74
N-ethyl acetate
Concen: 18.356 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion: 43 Resp: 74726
Ion Ratio Lower Upper
43 100
70 45.1 32.9 49.3
55 25.6 19.3 28.9
61 24.4 18.8 28.2





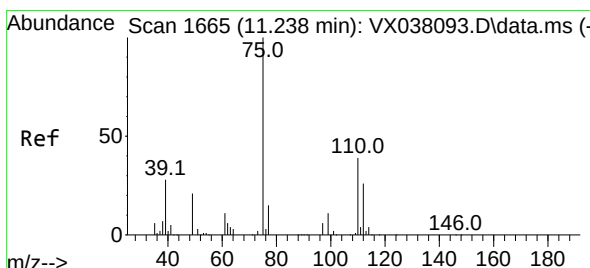
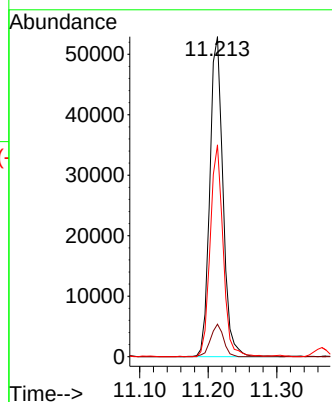
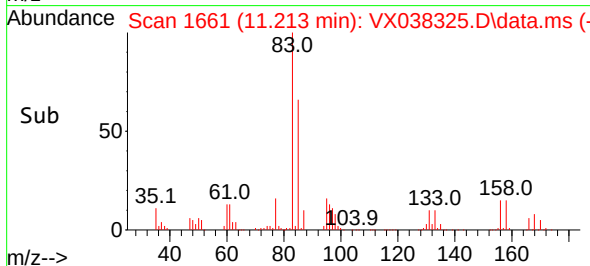
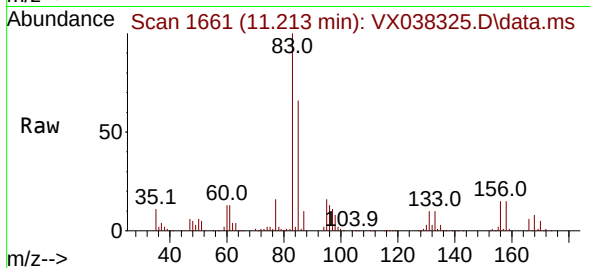
#75
1,1,2,2-Tetrachloroethane
Concen: 20.225 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 83 Resp: 70749
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 65.1 32.0 96.2

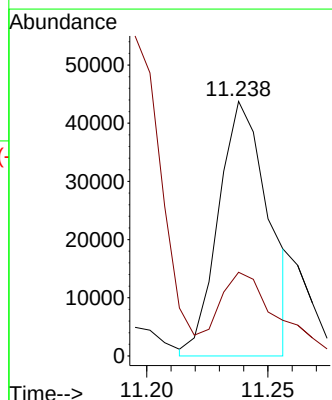
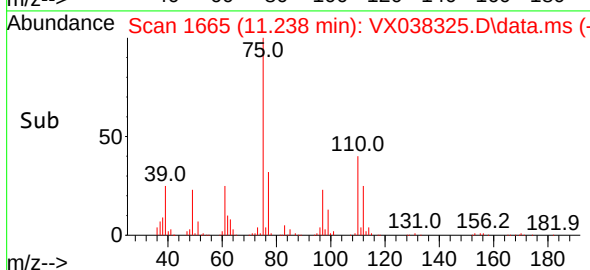
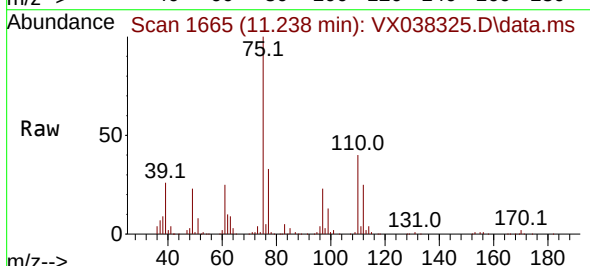
Manual Integrations
APPROVED

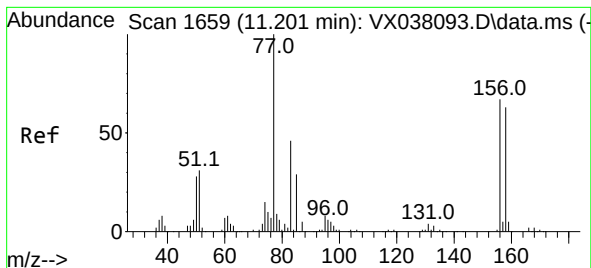
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 19.445 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion: 75 Resp: 62839
Ion Ratio Lower Upper
75 100
77 38.6 19.1 57.5





#77

Bromobenzene

Concen: 19.972 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

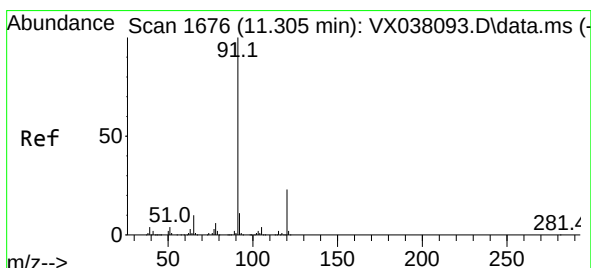
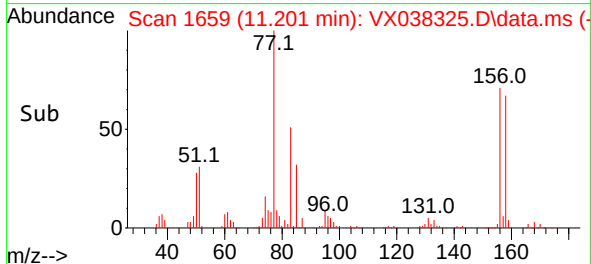
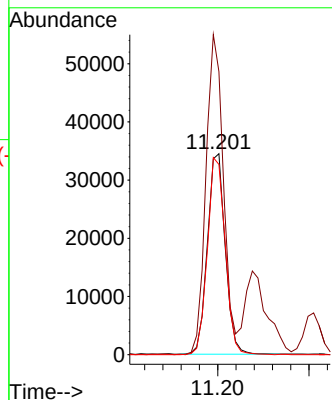
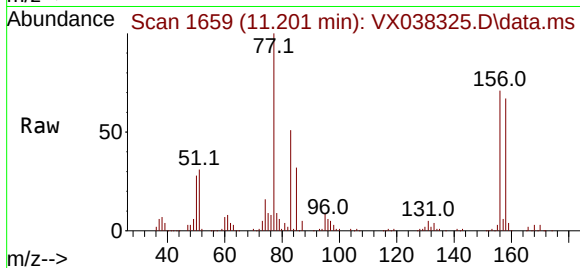
Tgt Ion:	156	Resp:	4648
Ion Ratio	Lower	Upper	
156	100		
77	156.3	88.4	265.3
158	98.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 19.585 ug/l

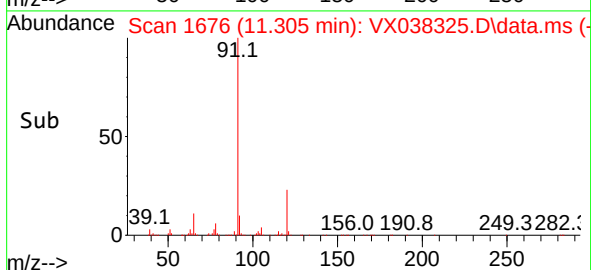
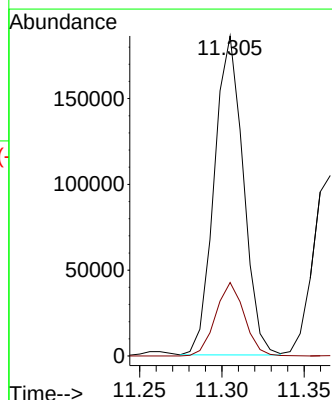
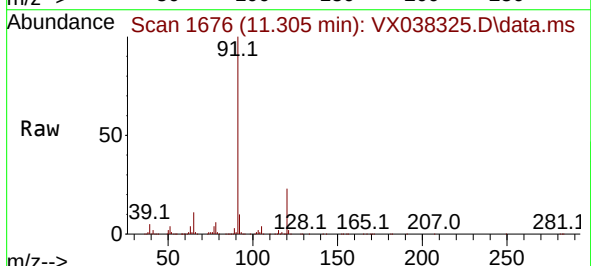
RT: 11.305 min Scan# 1676

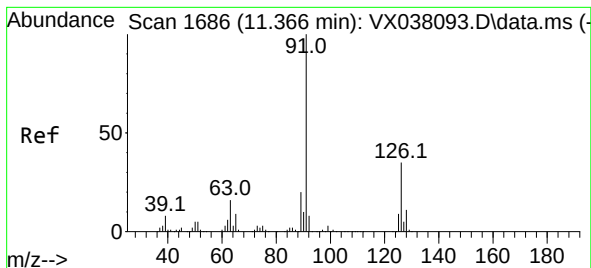
Delta R.T. -0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Tgt Ion:	91	Resp:	228292
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





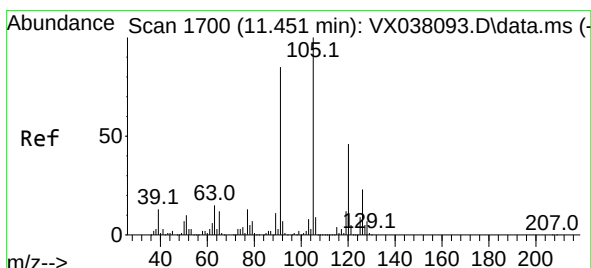
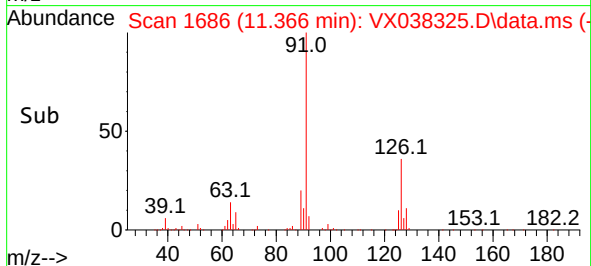
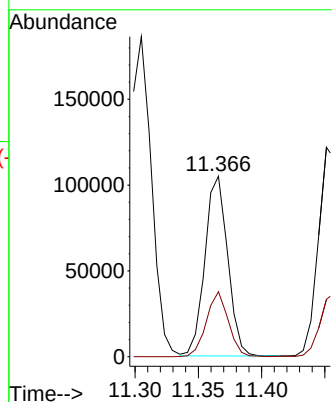
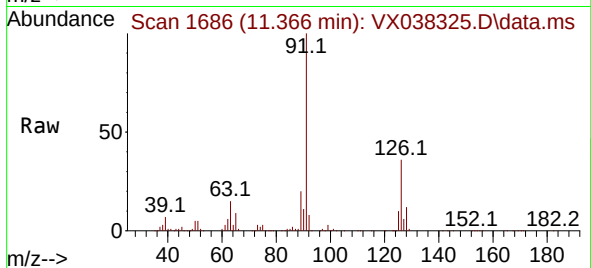
#79
2-Chlorotoluene
Concen: 18.974 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 91 Resp: 131168
Ion Ratio Lower Upper
91 100
126 34.9 16.3 48.8

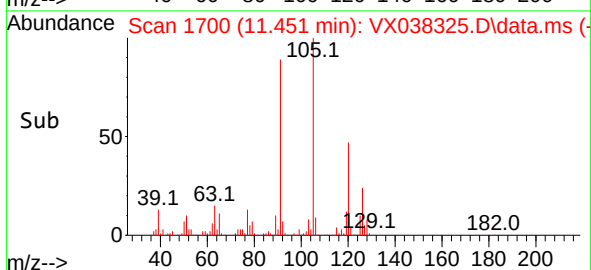
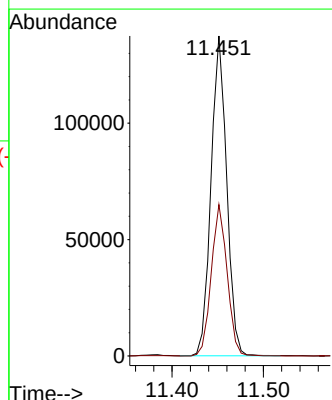
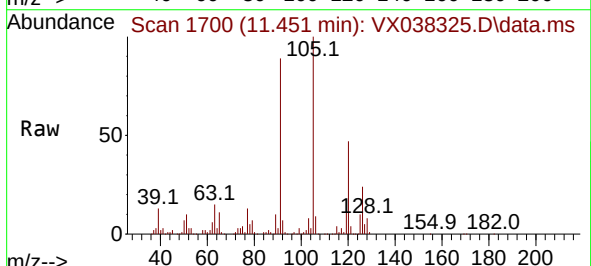
Manual Integrations
APPROVED

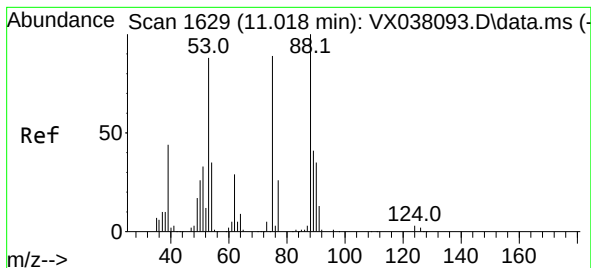
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.814 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

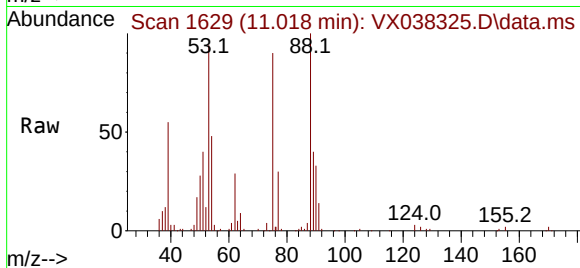
Tgt Ion:105 Resp: 162962
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.580 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

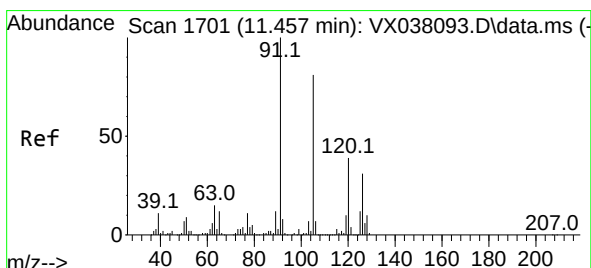
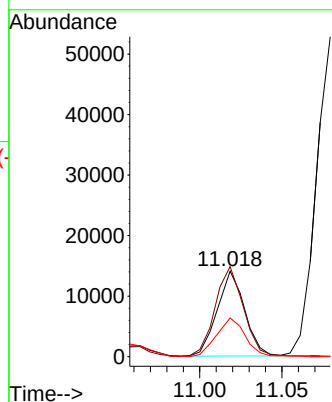
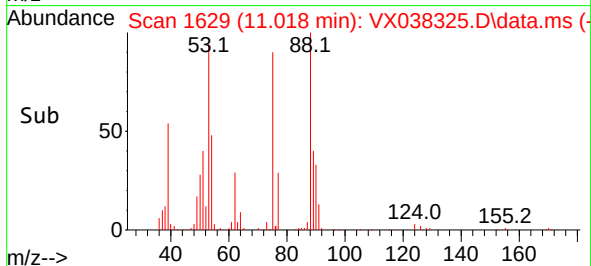
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 75 Resp: 1630
Ion Ratio Lower Upper
75 100
53 111.0 90.5 135.7
89 48.0 36.9 55.3

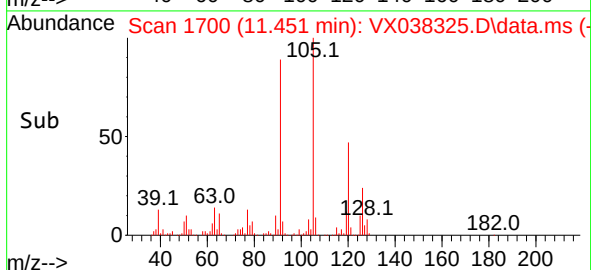
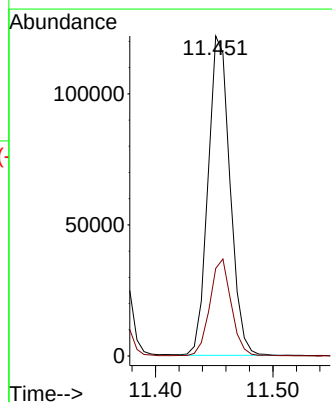
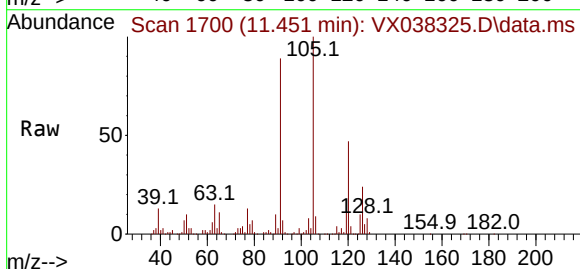
Manual Integrations
APPROVED

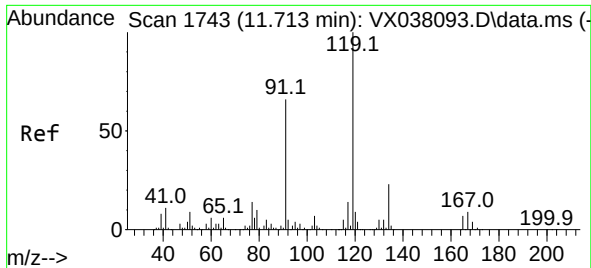
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 19.299 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

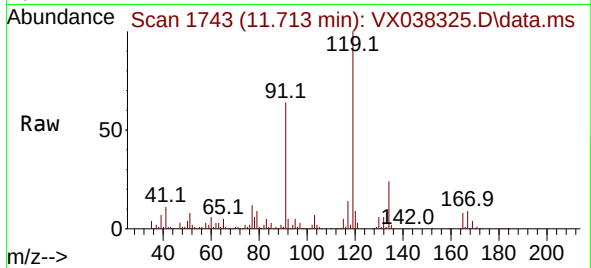
Tgt Ion: 91 Resp: 157872
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.658 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

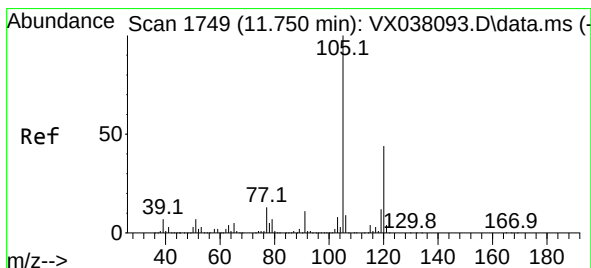
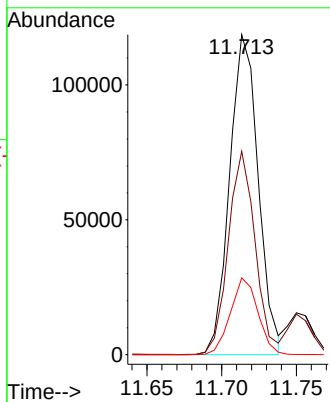
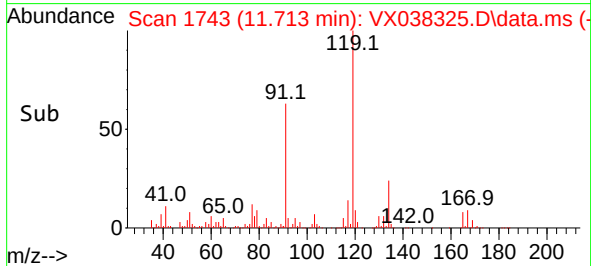
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



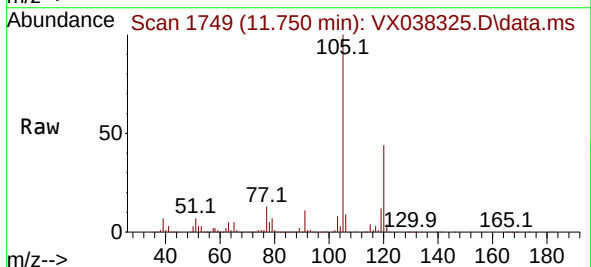
Tgt Ion:119 Resp: 157982
Ion Ratio Lower Upper
119 100
91 59.5 31.2 93.6
134 23.1 11.7 35.0

Manual Integrations
APPROVED

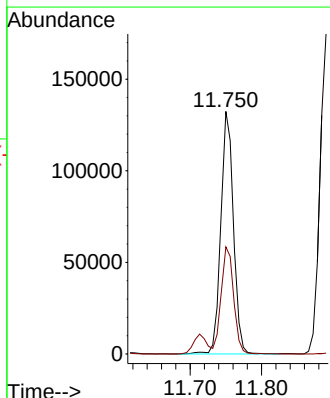
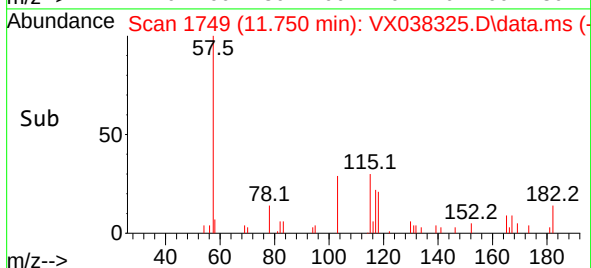
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

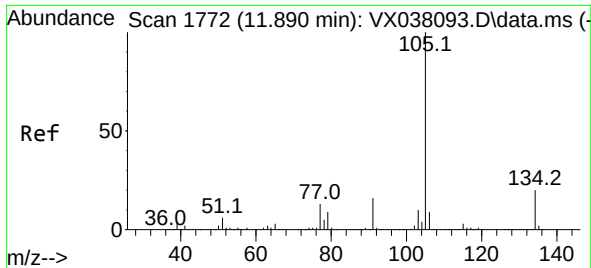


#84
1,2,4-Trimethylbenzene
Concen: 19.792 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35



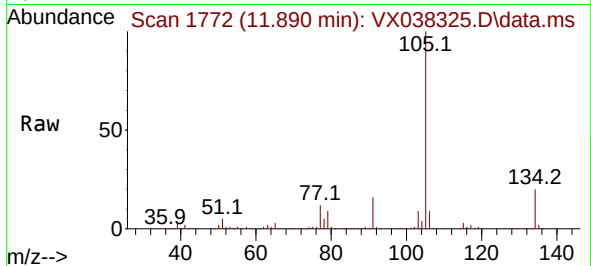
Tgt Ion:105 Resp: 162301
Ion Ratio Lower Upper
105 100
120 43.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.817 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038325.D
 Acq: 17 Oct 2023 13:35

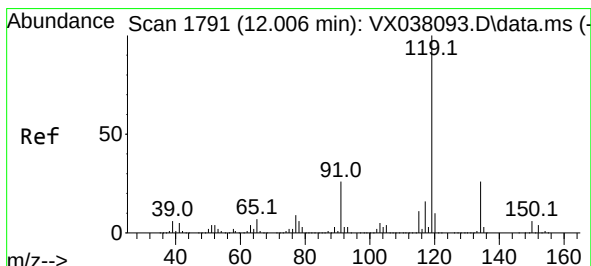
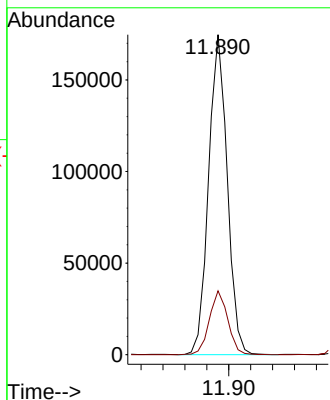
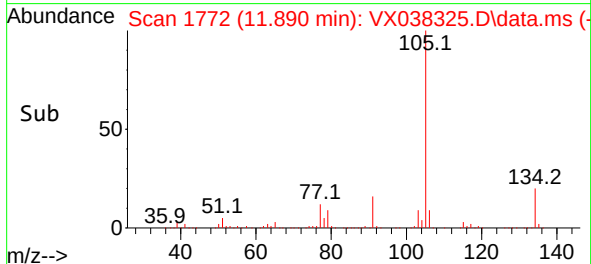
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01



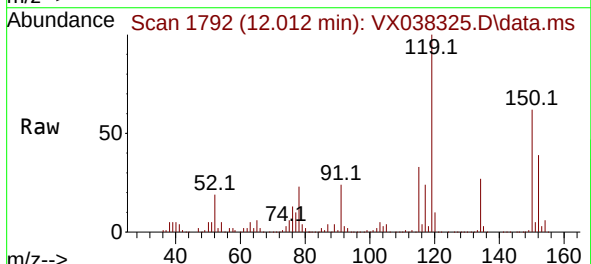
Tgt Ion:105 Resp: 20630
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

Manual Integrations
 APPROVED

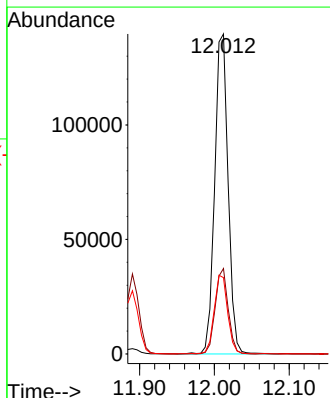
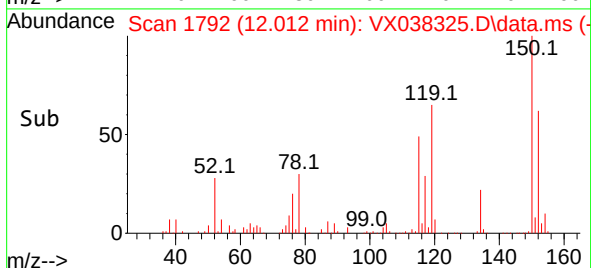
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

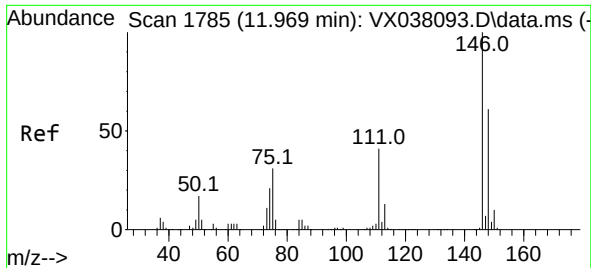


#86
 p-Isopropyltoluene
 Concen: 20.289 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038325.D
 Acq: 17 Oct 2023 13:35



Tgt Ion:119 Resp: 174257
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 24.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.592 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion:146 Resp: 91586

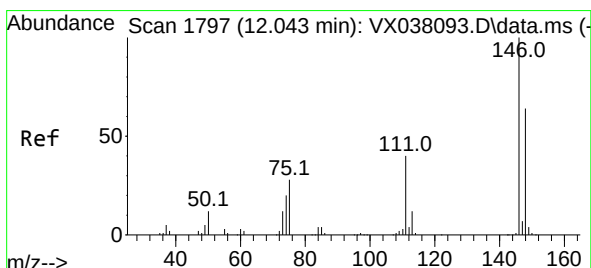
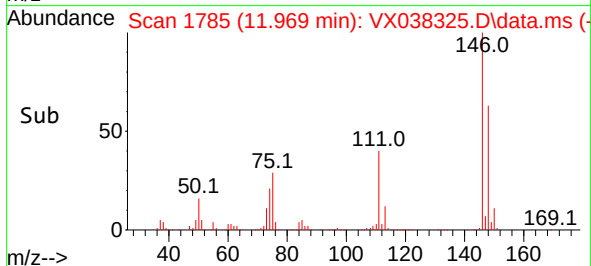
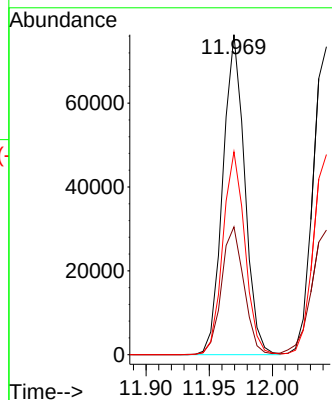
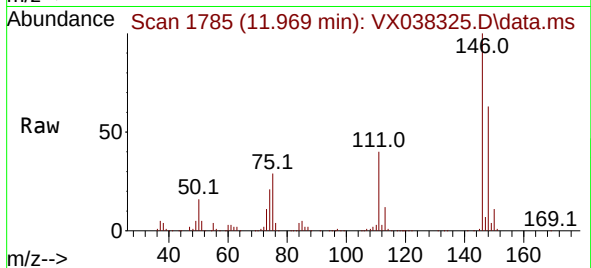
Ion	Ratio	Lower	Upper
146	100		
111	41.1	22.1	66.1
148	63.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 19.455 ug/l

RT: 12.043 min Scan# 1797

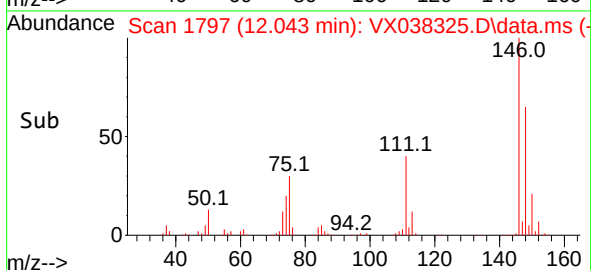
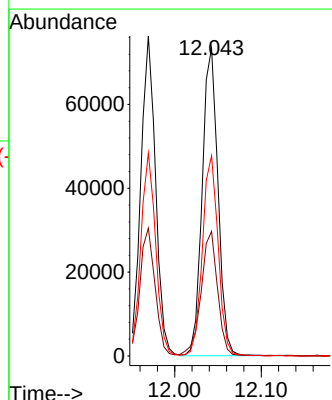
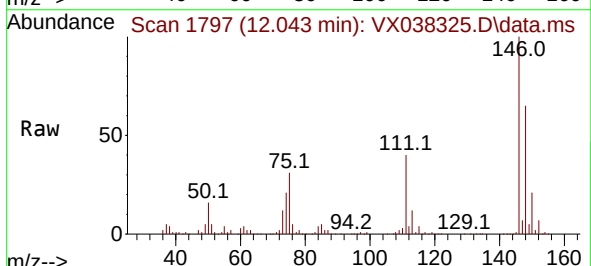
Delta R.T. -0.000 min

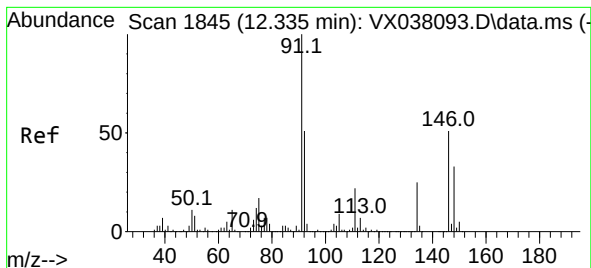
Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Tgt Ion:146 Resp: 92851

Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.7
148	65.0	31.8	95.4





#89

n-Butylbenzene

Concen: 19.375 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 91 Resp: 16573

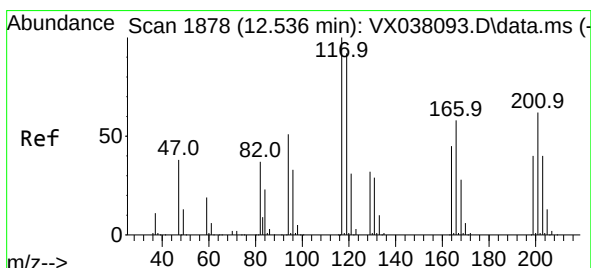
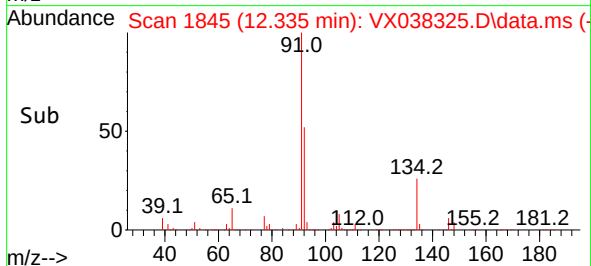
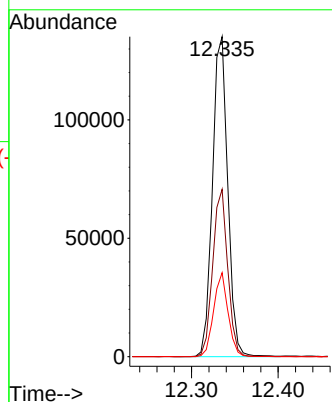
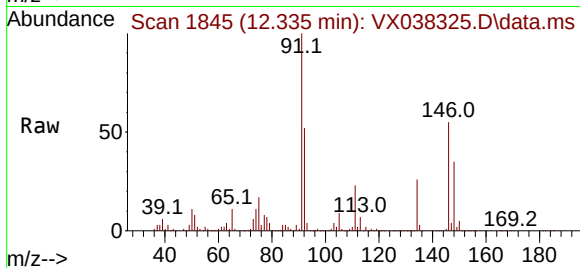
Ion	Ratio	Lower	Upper
91	100		
92	51.4	27.4	82.0
134	24.9	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#90

Hexachloroethane

Concen: 18.240 ug/l

RT: 12.536 min Scan# 1878

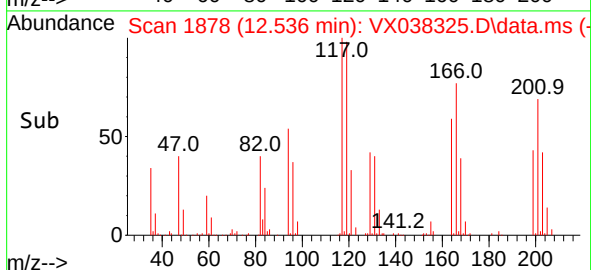
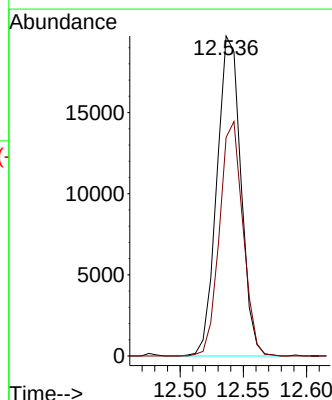
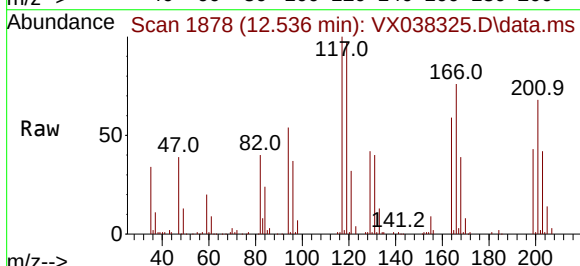
Delta R.T. 0.000 min

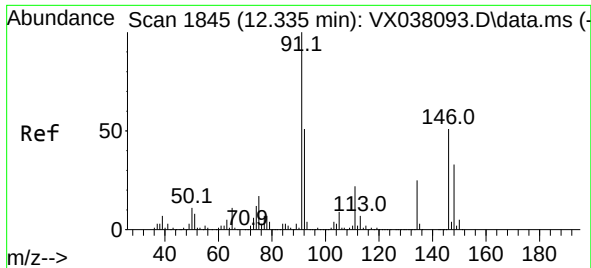
Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Tgt Ion:117 Resp: 25975

Ion	Ratio	Lower	Upper
117	100		
201	71.5	32.9	98.6





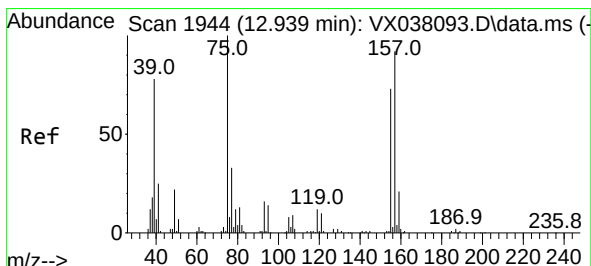
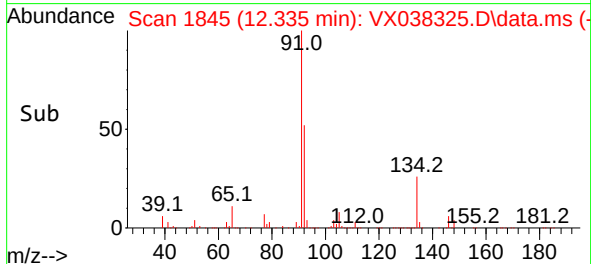
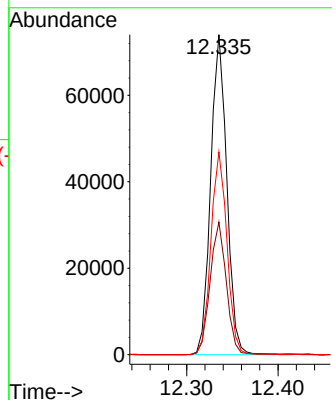
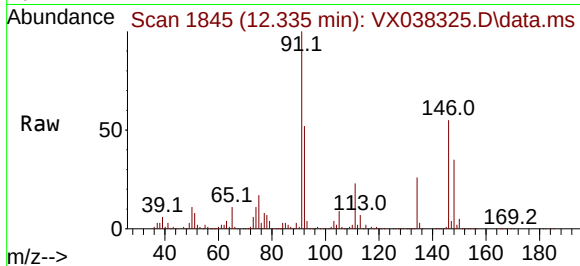
#91
1,2-Dichlorobenzene
Concen: 20.163 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion:146 Resp: 90600
Ion Ratio Lower Upper
146 100
111 42.2 22.4 67.0
148 63.5 31.6 95.0

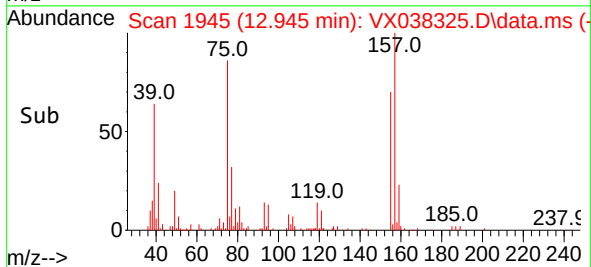
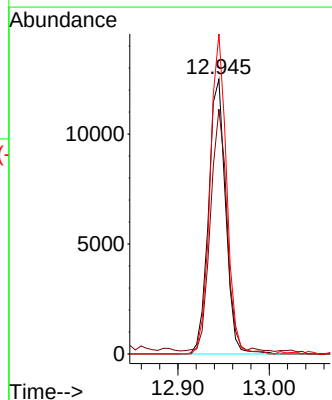
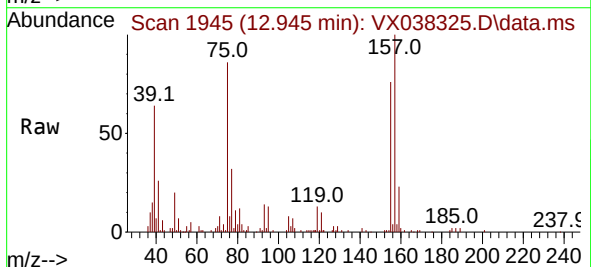
Manual Integrations
APPROVED

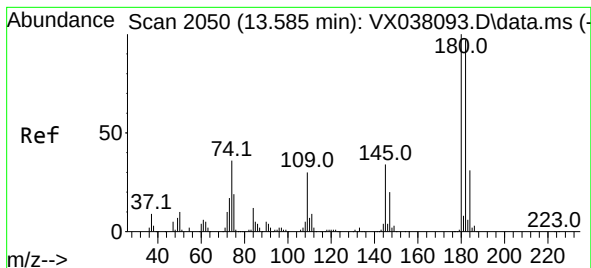
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.076 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion: 75 Resp: 16134
Ion Ratio Lower Upper
75 100
155 85.5 36.1 108.5
157 112.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.962 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

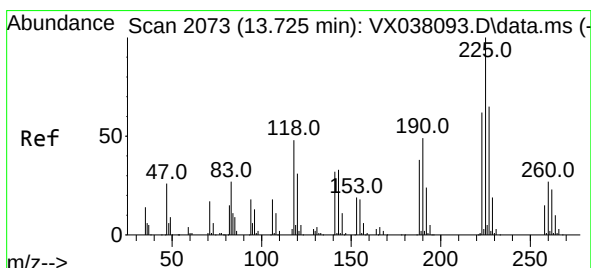
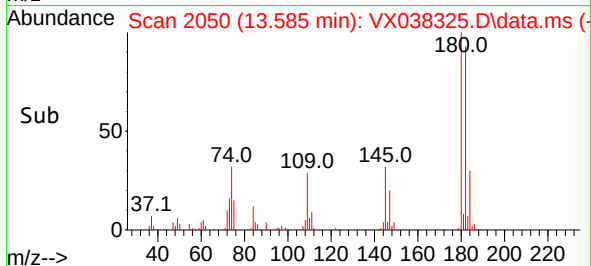
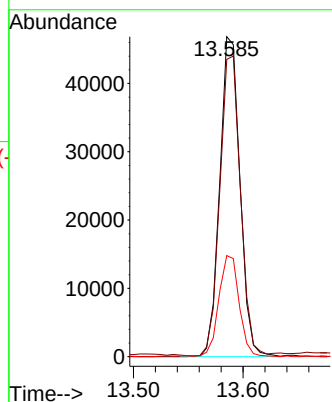
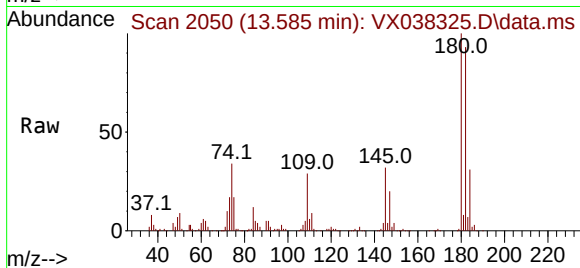
Tgt Ion:180	Resp:	6016
Ion Ratio	Lower	Upper
180	100	
182	95.9	48.3 144.8
145	31.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 20.291 ug/l

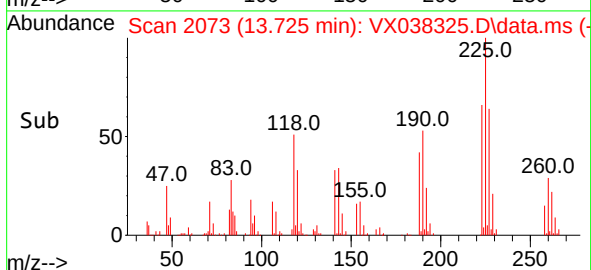
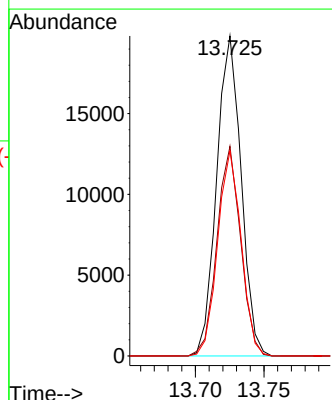
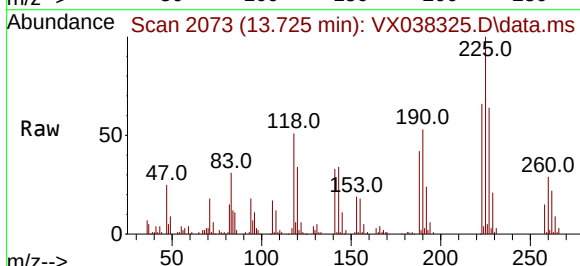
RT: 13.725 min Scan# 2073

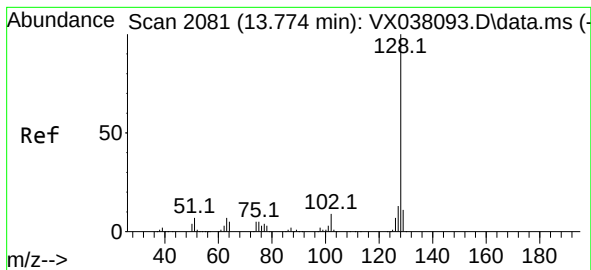
Delta R.T. 0.000 min

Lab File: VX038325.D

Acq: 17 Oct 2023 13:35

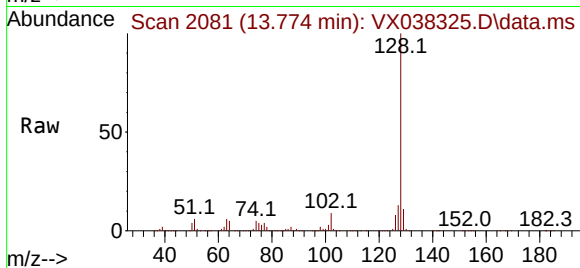
Tgt Ion:225	Resp:	24613
Ion Ratio	Lower	Upper
225	100	
223	63.2	31.1 93.2
227	61.4	32.5 97.5





#95
Naphthalene
Concen: 20.260 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

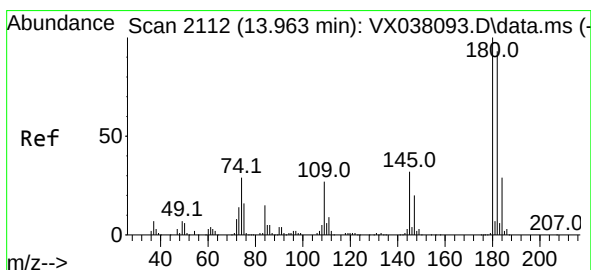
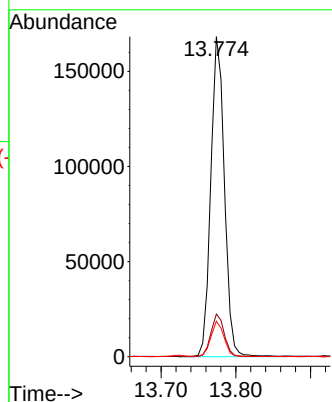
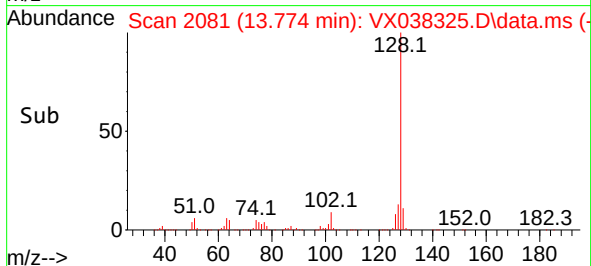
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion:128 Resp: 212640
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.6 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: 19.925 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038325.D
Acq: 17 Oct 2023 13:35

Tgt Ion:180 Resp: 58144
Ion Ratio Lower Upper
180 100
182 96.6 46.9 140.6
145 33.7 17.8 53.5

