

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038646.D
 Acq On : 08 Nov 2023 11:26
 Operator : JC/MD
 Sample : VX1108WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2023
 Supervised By : Semsettin Yesilyurt 11/09/2023

Quant Time: Nov 09 01:18:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	329915	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	496041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	477850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	274384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193997	47.232	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.460%		
35) Dibromofluoromethane	5.379	113	172648	48.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.660%		
50) Toluene-d8	8.647	98	609310	47.661	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.320%		
62) 4-Bromofluorobenzene	11.079	95	242995	49.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.040%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	64171	18.730	ug/l	99
3) Chloromethane	1.294	50	50258	16.972	ug/l	99
4) Vinyl Chloride	1.374	62	55668	17.658	ug/l	99
5) Bromomethane	1.611	94	46560	19.135	ug/l	99
6) Chloroethane	1.691	64	35554	17.812	ug/l	100
7) Trichlorofluoromethane	1.892	101	101388	18.655	ug/l	97
8) Diethyl Ether	2.130	74	34405	18.440	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.331	101	60684	18.884	ug/l	91
10) Methyl Iodide	2.453	142	81543	20.546	ug/l	92
11) Tert butyl alcohol	2.947	59	68063	81.061	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	55513	18.030	ug/l	84
13) Acrolein	2.233	56	57497	90.349	ug/l	99
14) Allyl chloride	2.666	41	78304	17.756	ug/l #	95
15) Acrylonitrile	3.056	53	163022	91.999	ug/l	99
16) Acetone	2.373	43	162840	94.138	ug/l	92
17) Carbon Disulfide	2.514	76	145297	17.760	ug/l	100
18) Methyl Acetate	2.703	43	135693	18.413	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	187049	18.998	ug/l	96
20) Methylene Chloride	2.788	84	63627	18.247	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	60553	18.065	ug/l	84
22) Diisopropyl ether	3.757	45	156263	18.801	ug/l #	92
23) Vinyl Acetate	3.721	43	576357	97.697	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	99025	18.008	ug/l	97
25) 2-Butanone	4.550	43	230265	91.892	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	86176	17.949	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	70996	18.342	ug/l	85
28) Bromochloromethane	4.891	49	49130	19.881	ug/l #	60
29) Tetrahydrofuran	5.001	42	142015	91.090	ug/l #	82
30) Chloroform	5.093	83	115803	17.948	ug/l	98
31) Cyclohexane	5.464	56	82562	18.162	ug/l	85
32) 1,1,1-Trichloroethane	5.379	97	102835	18.111	ug/l	96
36) 1,1-Dichloropropene	5.690	75	82317	18.549	ug/l	95
37) Ethyl Acetate	4.708	43	85221	18.808	ug/l #	94
38) Carbon Tetrachloride	5.672	117	92207	18.585	ug/l	97
39) Methylcyclohexane	7.379	83	103624	18.676	ug/l	91
40) Benzene	6.037	78	236860	18.530	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45054	19.518	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	89760	19.461	ug/l	96
43) Isopropyl Acetate	6.336	43	129275	18.558	ug/l #	91
44) Trichloroethene	7.123	130	73572	18.499	ug/l	91
45) 1,2-Dichloropropane	7.427	63	58191	18.832	ug/l	99
46) Dibromomethane	7.580	93	48830	18.896	ug/l #	85
47) Bromodichloromethane	7.818	83	89753	18.468	ug/l	99
48) Methyl methacrylate	7.690	41	64181	19.118	ug/l #	85
49) 1,4-Dioxane	7.653	88	25089	328.288	ug/l #	87
51) 4-Methyl-2-Pentanone	8.568	43	436520	96.180	ug/l	93
52) Toluene	8.714	92	159563	19.056	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	92875	18.771	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98926	18.940	ug/l #	88
55) 1,1,2-Trichloroethane	9.147	97	69358	19.522	ug/l	99
56) Ethyl methacrylate	9.116	69	97155	19.545	ug/l	88
57) 1,3-Dichloropropane	9.305	76	106998	19.335	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	245023	100.253	ug/l	92
59) 2-Hexanone	9.427	43	353173	96.172	ug/l	92
60) Dibromochloromethane	9.519	129	75727	18.987	ug/l	100
61) 1,2-Dibromoethane	9.610	107	76703	19.210	ug/l	99
64) Tetrachloroethene	9.275	164	66706	18.649	ug/l	97
65) Chlorobenzene	10.079	112	185874	19.108	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	69161	18.913	ug/l	99
67) Ethyl Benzene	10.195	91	312105	18.968	ug/l	98
68) m/p-Xylenes	10.299	106	247040	37.829	ug/l	97
69) o-Xylene	10.640	106	120504	18.975	ug/l	96
70) Styrene	10.653	104	199346	19.019	ug/l	96
71) Bromoform	10.799	173	59212	18.345	ug/l #	98
73) Isopropylbenzene	10.963	105	317541	18.864	ug/l	97
74) N-amyl acetate	10.841	43	111875	19.128	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	109589	18.831	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	91313m	16.804	ug/l	
77) Bromobenzene	11.195	156	85192	18.440	ug/l	83
78) n-propylbenzene	11.305	91	372052	18.993	ug/l	97
79) 2-Chlorotoluene	11.366	91	221647	18.899	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	276721	19.101	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30058	18.899	ug/l	89
82) 4-Chlorotoluene	11.451	91	261795	19.108	ug/l	93
83) tert-Butylbenzene	11.713	119	274612	18.707	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	275229	19.154	ug/l	96
85) sec-Butylbenzene	11.890	105	344989	18.834	ug/l	97
86) p-Isopropyltoluene	12.006	119	300758	19.274	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	163759	18.540	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	168261	18.533	ug/l	98
89) n-Butylbenzene	12.329	91	261641	18.842	ug/l	96
90) Hexachloroethane	12.536	117	47791	18.081	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	160324	18.586	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26206	17.917	ug/l	66
93) 1,2,4-Trichlorobenzene	13.585	180	117018	18.966	ug/l	96
94) Hexachlorobutadiene	13.725	225	48834	18.343	ug/l	98
95) Naphthalene	13.774	128	363658	19.540	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	114949	18.902	ug/l	97

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ClientSampleId :
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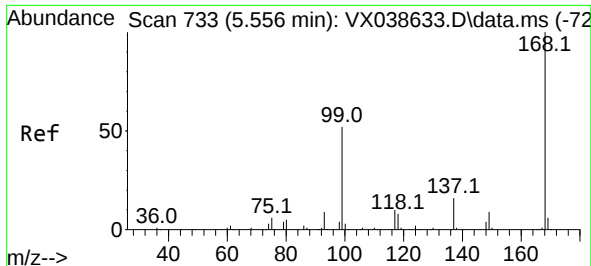
Manual Integrations
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Quant Title : SW846 8260
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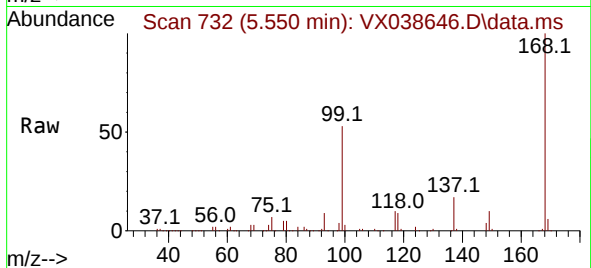
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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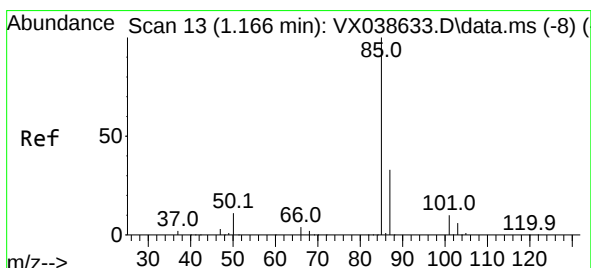
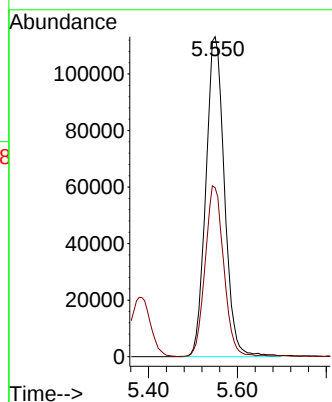
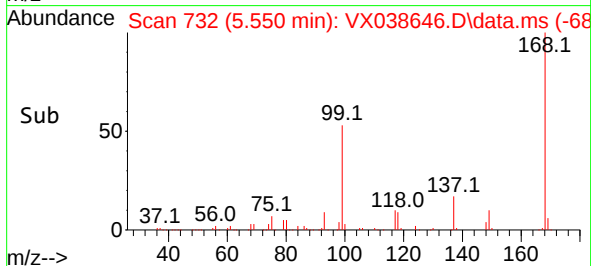
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



Tgt Ion:168 Resp: 329915
Ion Ratio Lower Upper
168 100
99 52.7 56.6 85.0

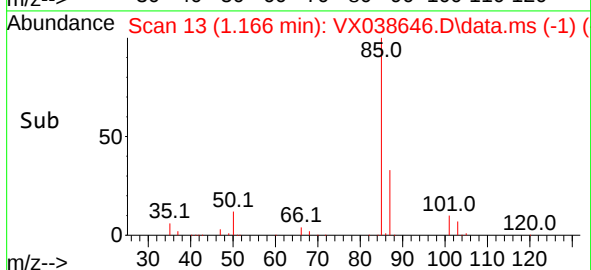
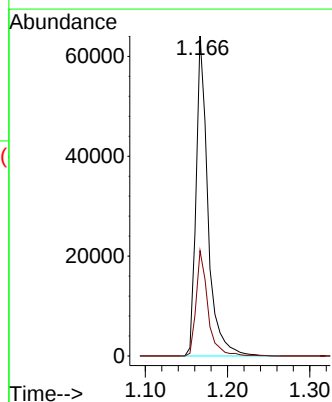
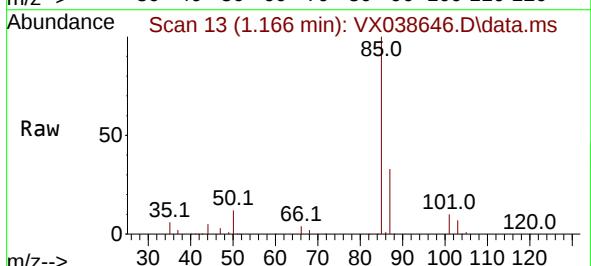
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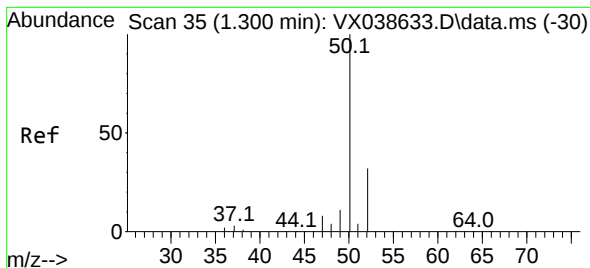
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#2
Dichlorodifluoromethane
Concen: 18.730 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion: 85 Resp: 64171
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





#3

Chloromethane

Concen: 16.972 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 50 Resp: 50258

Ion Ratio Lower Upper

50 100

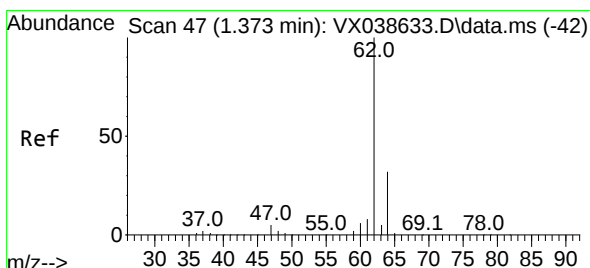
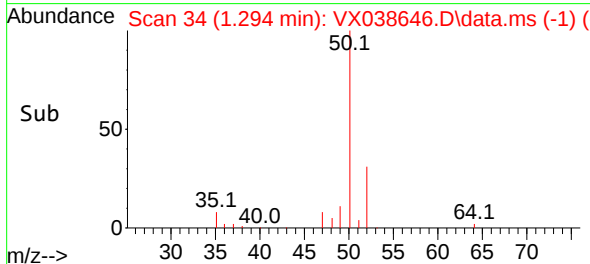
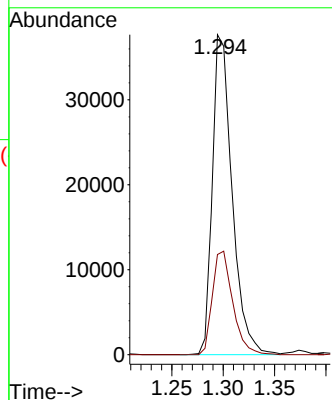
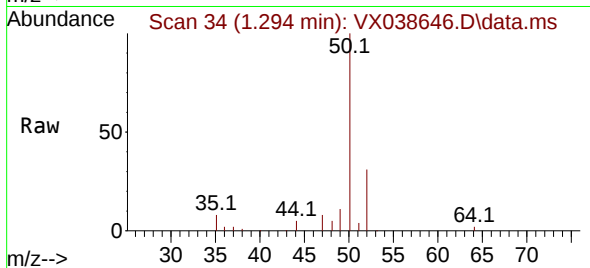
52 31.3 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 11/09/2023

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#4

Vinyl Chloride

Concen: 17.658 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038646.D

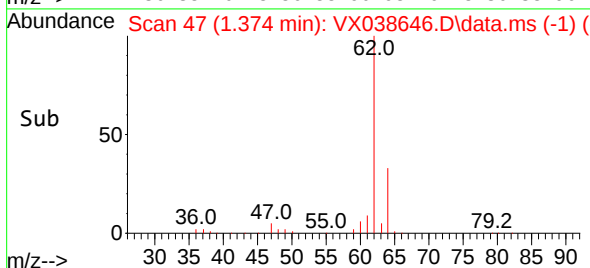
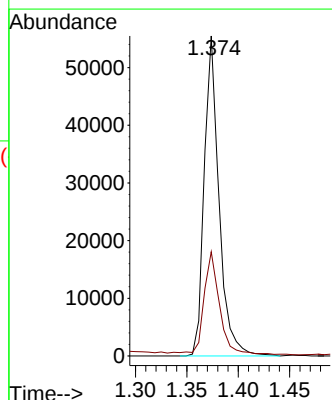
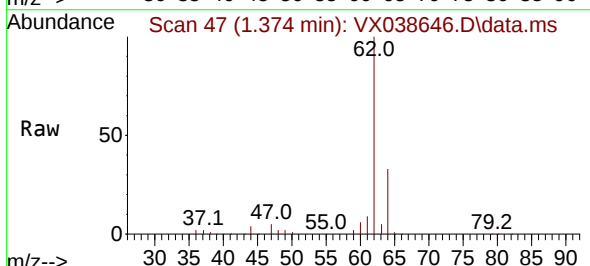
Acq: 08 Nov 2023 11:26

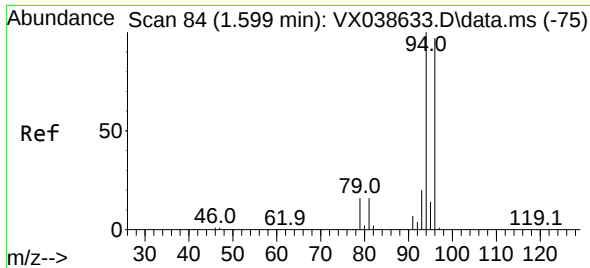
Tgt Ion: 62 Resp: 55668

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





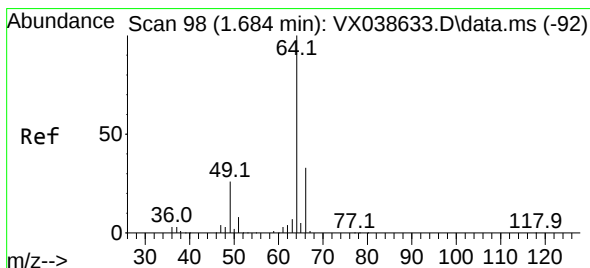
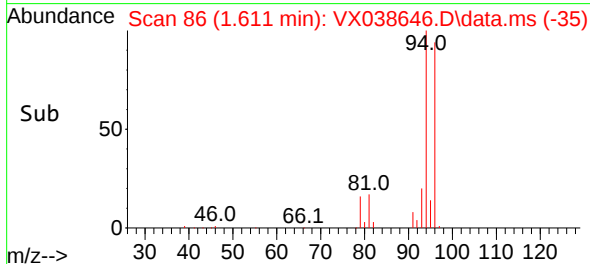
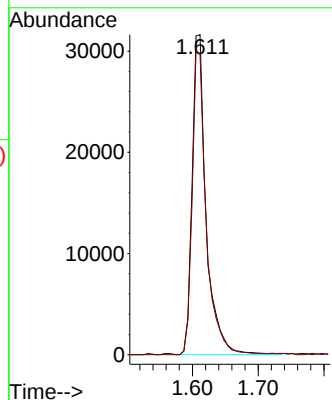
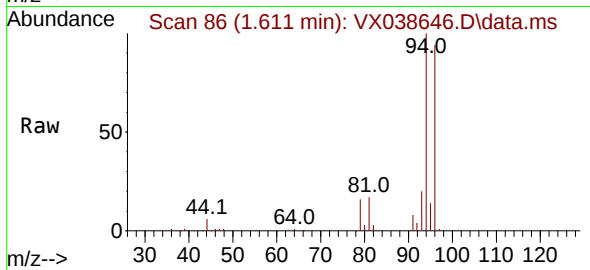
#5
Bromomethane
Concen: 19.135 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX038646.D
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Tgt Ion: 94 Resp: 46560
Ion Ratio Lower Upper
94 100
96 93.8 74.6 111.8

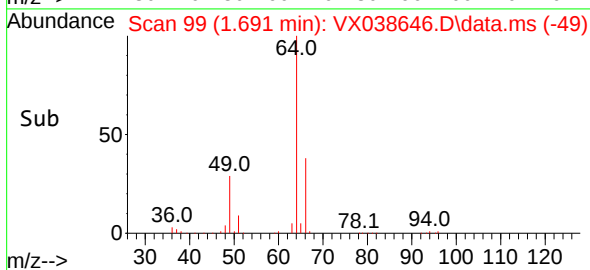
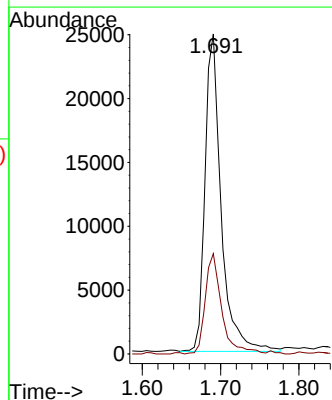
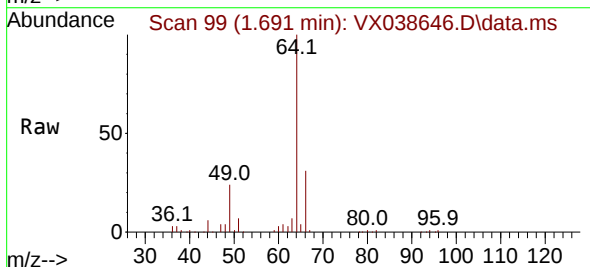
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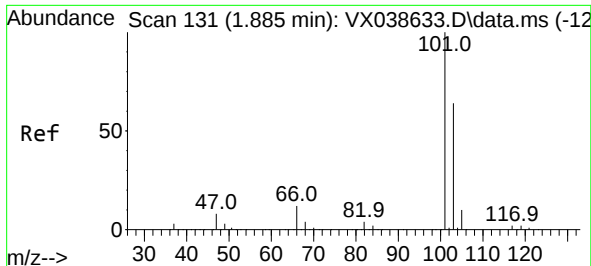
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#6
Chloroethane
Concen: 17.812 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 35554
Ion Ratio Lower Upper
64 100
66 31.2 25.1 37.7





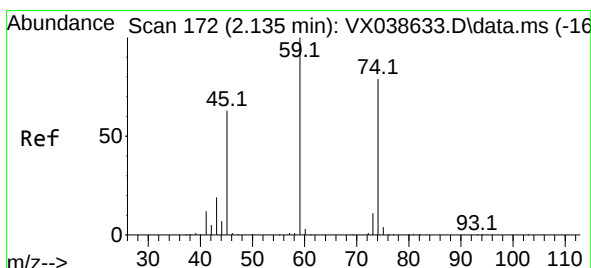
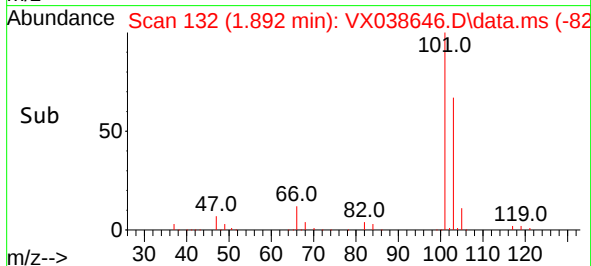
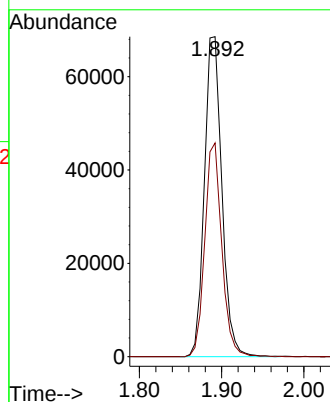
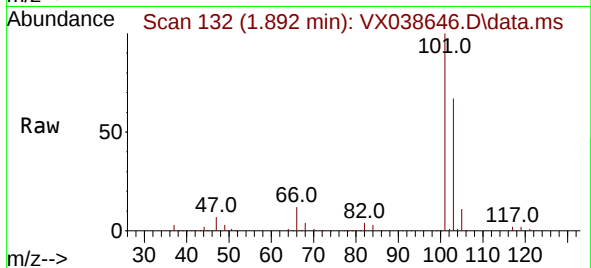
#7
Trichlorofluoromethane
Concen: 18.655 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Instrument :
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VX1108WBSD01

Tgt Ion:101 Resp: 10138
Ion Ratio Lower Upper
101 100
103 66.8 51.4 77.2

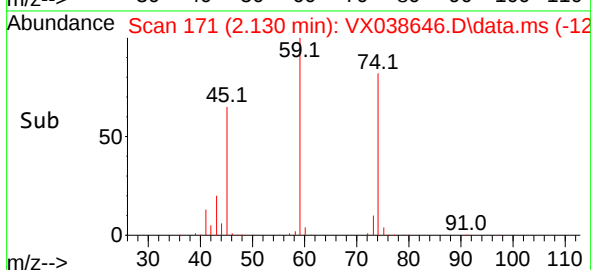
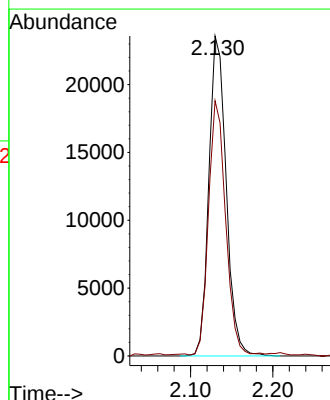
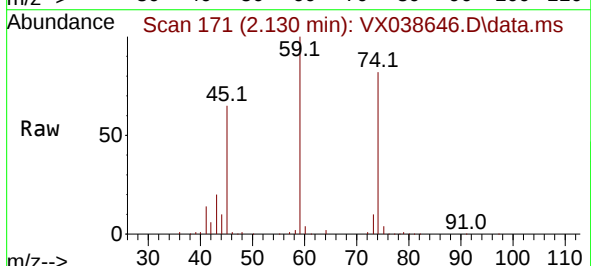
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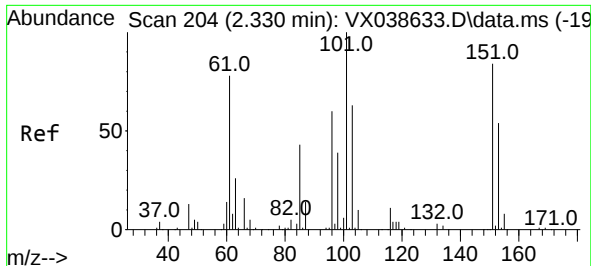
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#8
Diethyl Ether
Concen: 18.440 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

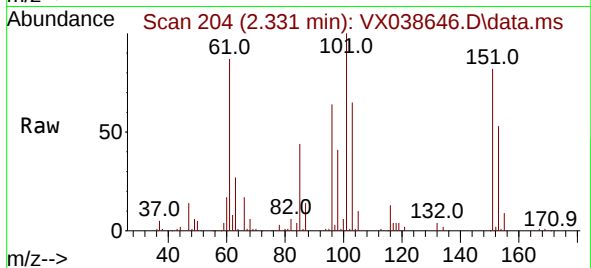
Tgt Ion: 74 Resp: 34405
Ion Ratio Lower Upper
74 100
45 78.8 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.884 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038646.D
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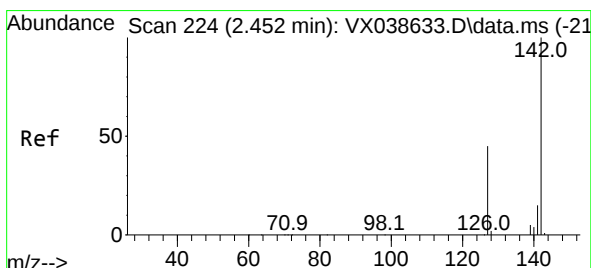
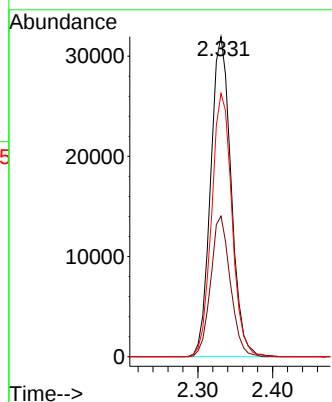
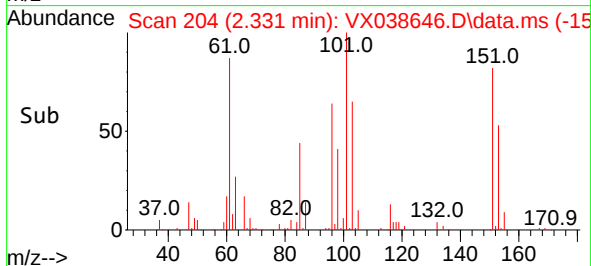
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



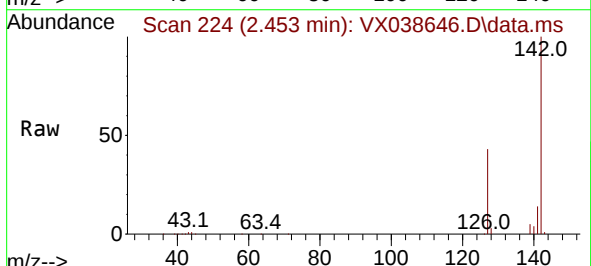
Tgt Ion:101 Resp: 60684
Ion Ratio Lower Upper
101 100
85 42.2 37.0 55.6
151 82.2 58.6 87.8

Manual Integrations
APPROVED

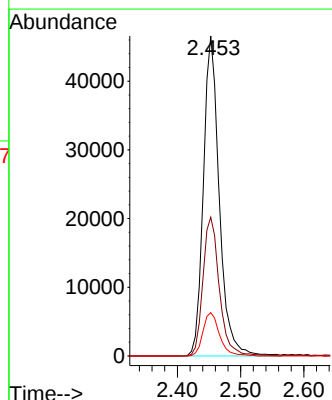
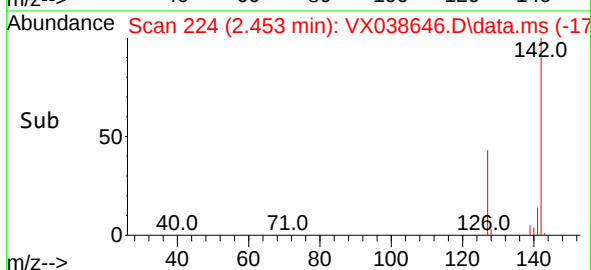
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

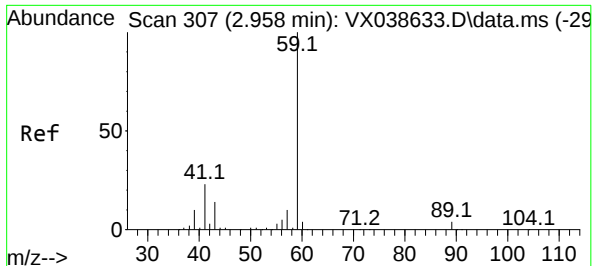


#10
Methyl Iodide
Concen: 20.546 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26



Tgt Ion:142 Resp: 81543
Ion Ratio Lower Upper
142 100
127 44.7 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 81.061 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 59 Resp: 6806

Ion Ratio Lower Upper

59 100

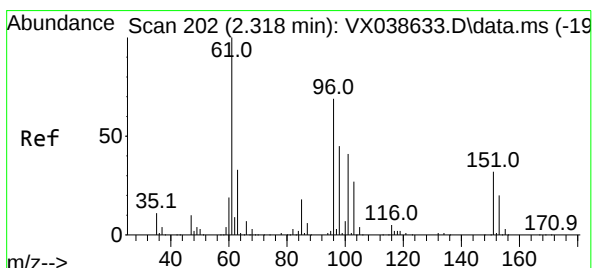
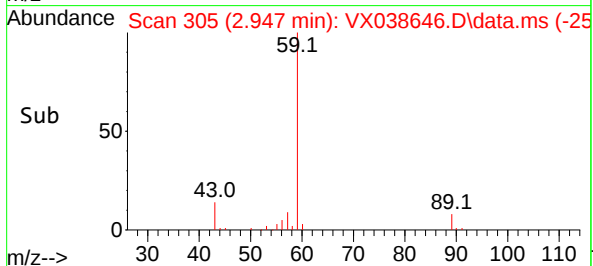
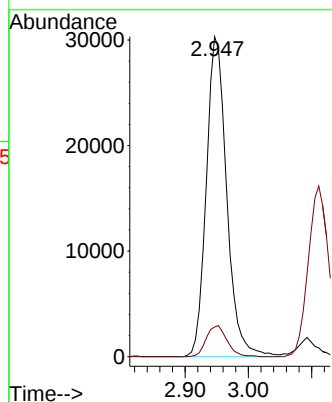
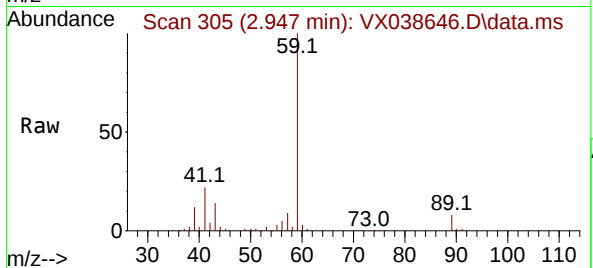
57 9.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#12

1,1-Dichloroethene

Concen: 18.030 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

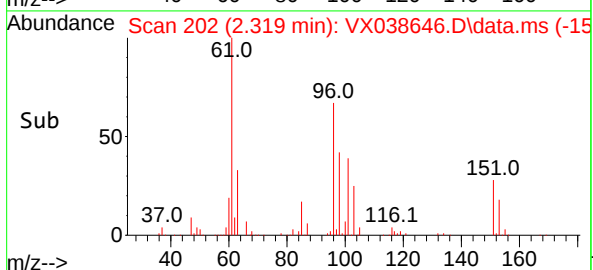
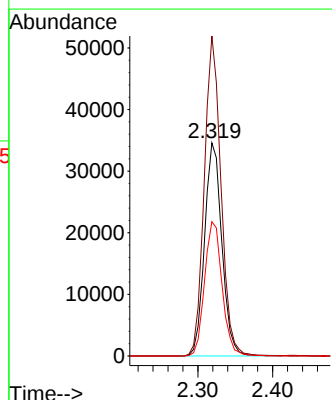
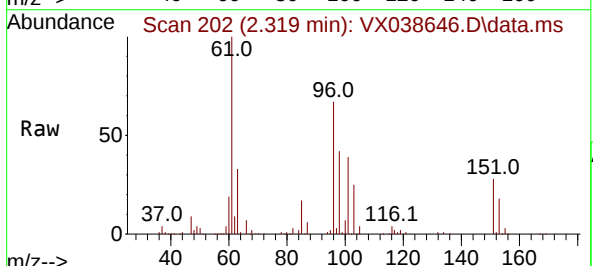
Tgt Ion: 96 Resp: 55513

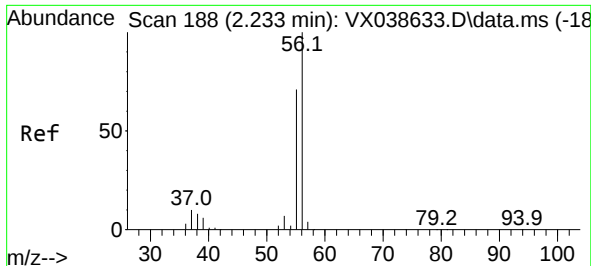
Ion Ratio Lower Upper

96 100

61 150.1 144.6 216.8

98 63.0 50.4 75.6





#13

Acrolein

Concen: 90.349 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 56 Resp: 5749

Ion Ratio Lower Upper

56 100

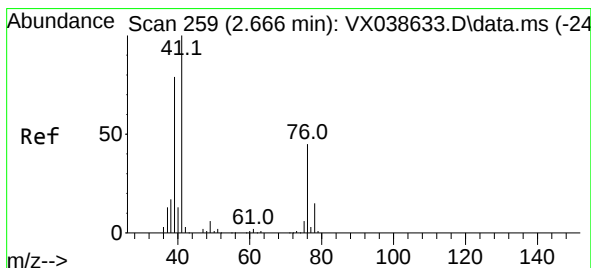
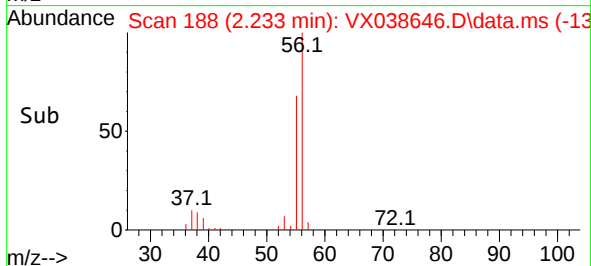
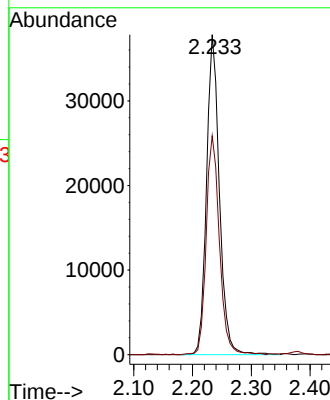
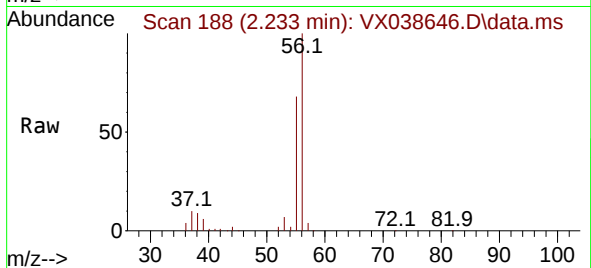
55 70.5 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#14

Allyl chloride

Concen: 17.756 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

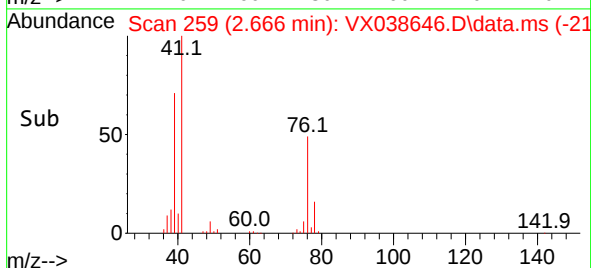
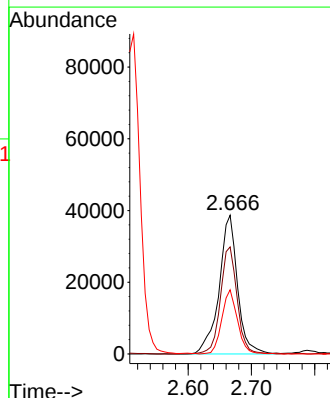
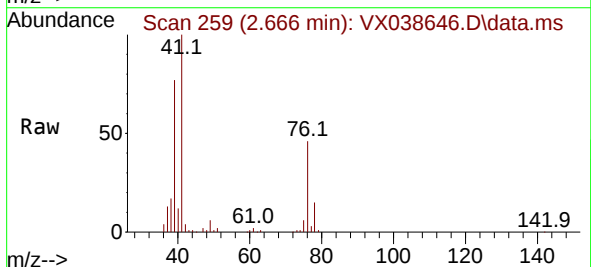
Tgt Ion: 41 Resp: 78304

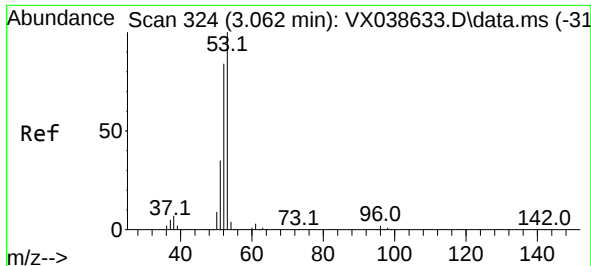
Ion Ratio Lower Upper

41 100

39 69.6 55.8 83.6

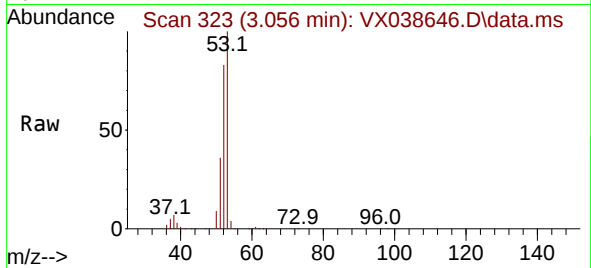
76 39.0 24.3 36.5





#15
Acrylonitrile
Concen: 91.999 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

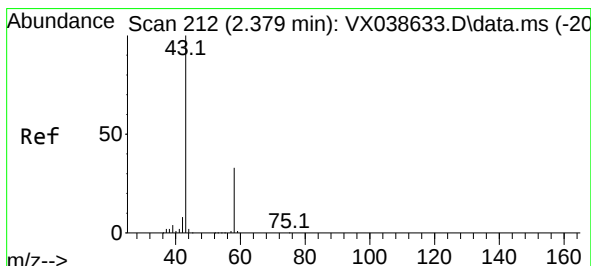
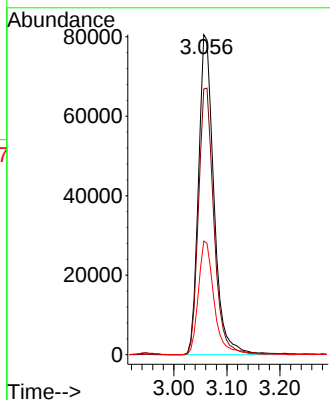
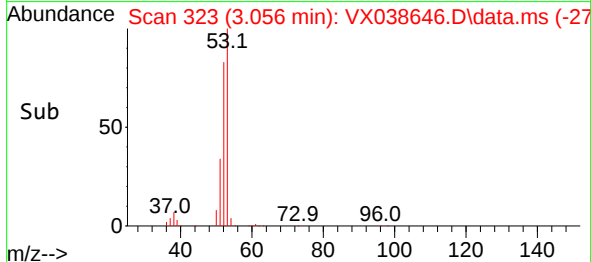
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



Tgt Ion: 53 Resp: 16302
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 36.3 29.8 44.6

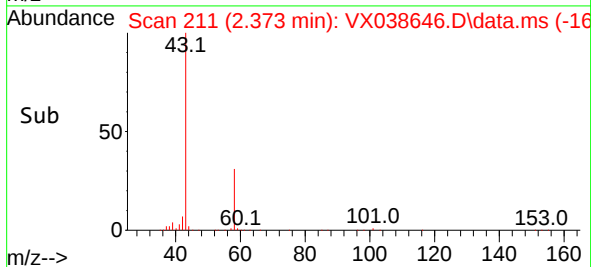
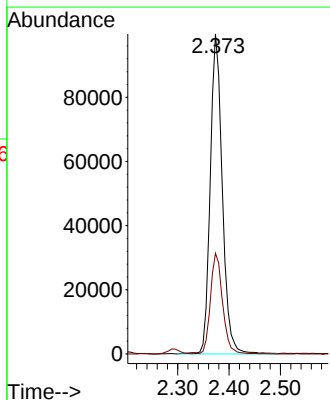
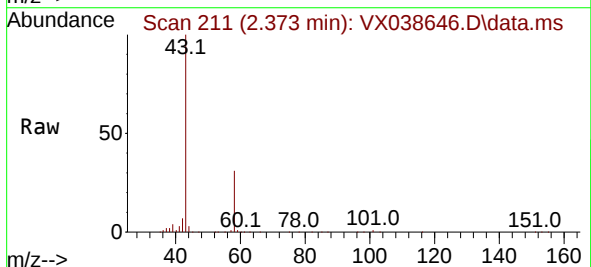
Manual Integrations
APPROVED

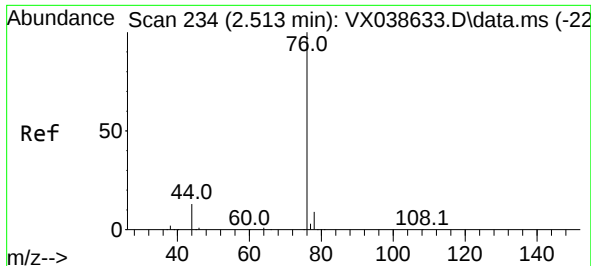
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#16
Acetone
Concen: 94.138 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

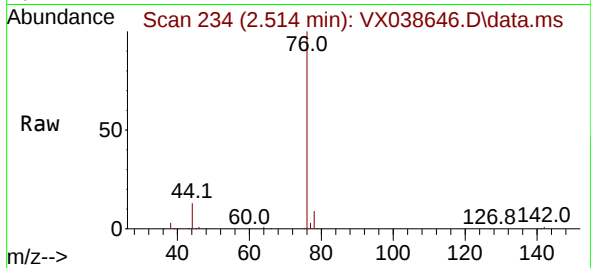
Tgt Ion: 43 Resp: 162840
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





#17
Carbon Disulfide
Concen: 17.760 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

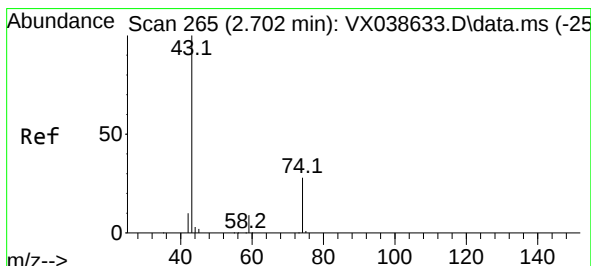
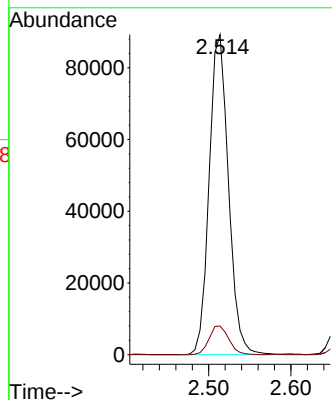
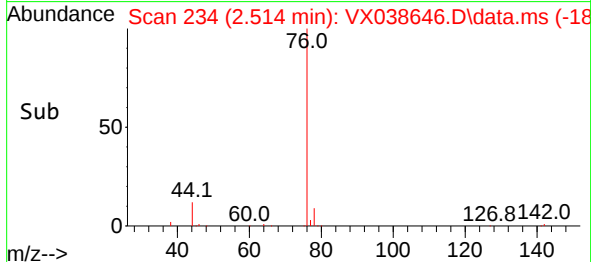
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



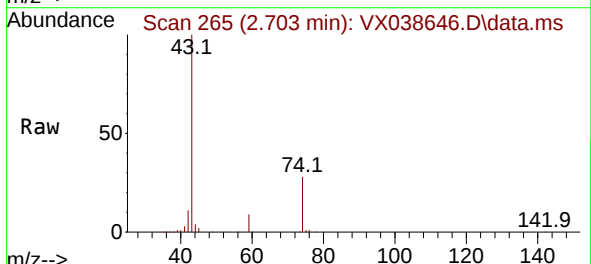
Tgt Ion: 76 Resp: 145297
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

Manual Integrations
APPROVED

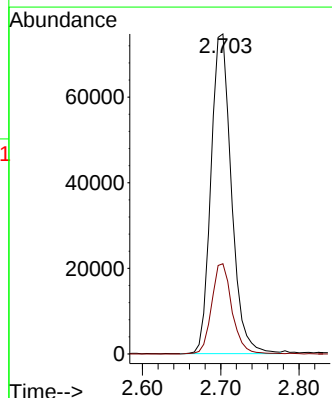
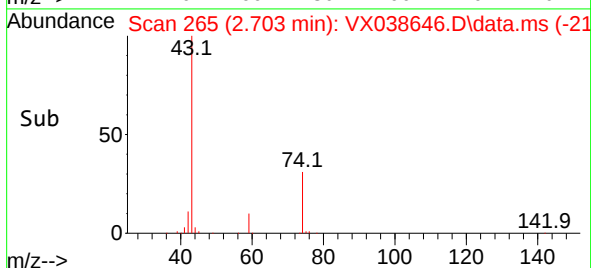
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

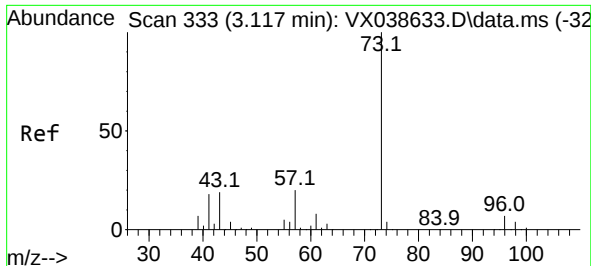


#18
Methyl Acetate
Concen: 18.413 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26



Tgt Ion: 43 Resp: 135693
Ion Ratio Lower Upper
43 100
74 28.0 17.8 26.8#





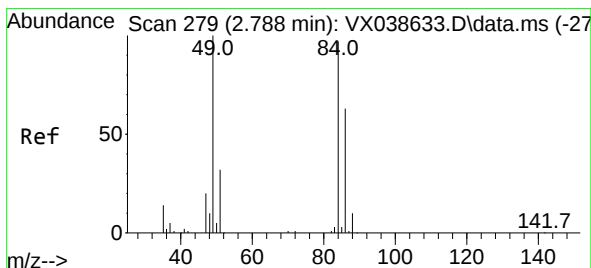
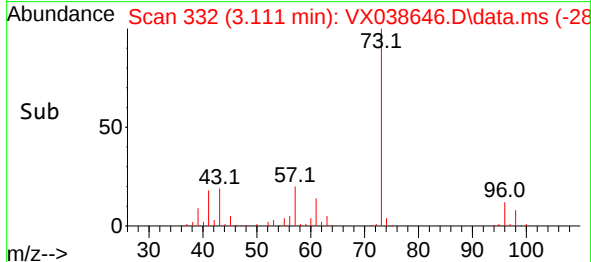
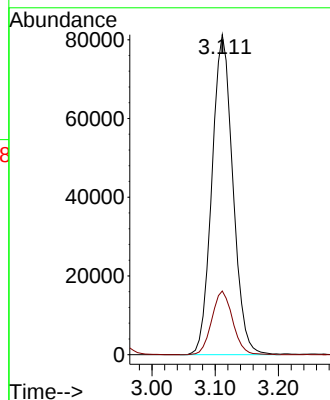
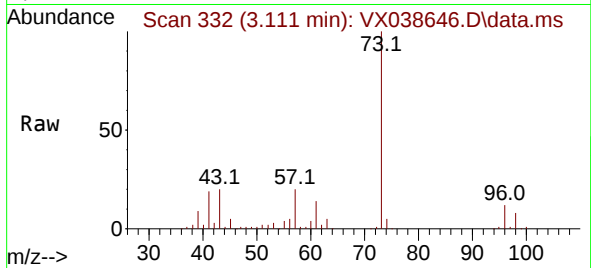
#19
Methyl tert-butyl Ether
Concen: 18.998 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tgt Ion: 73 Resp: 187049
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9

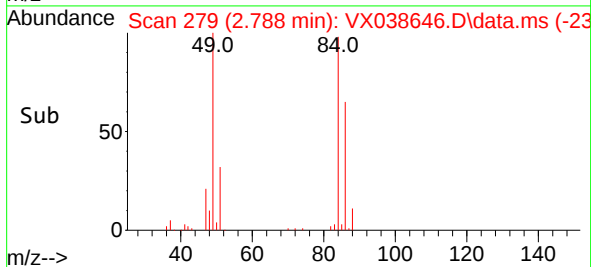
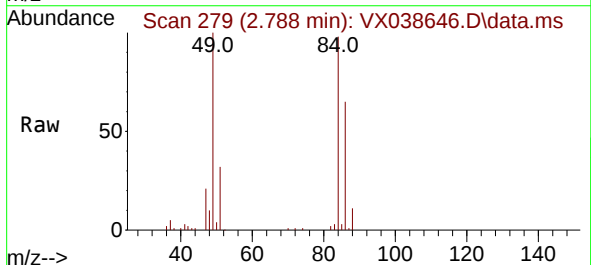
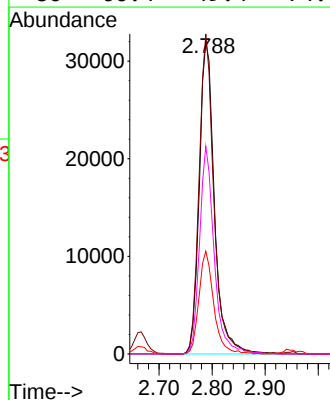
Manual Integrations
APPROVED

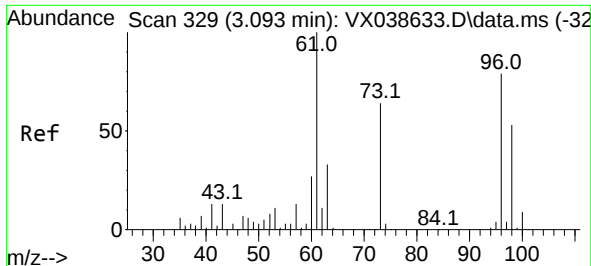
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#20
Methylene Chloride
Concen: 18.247 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

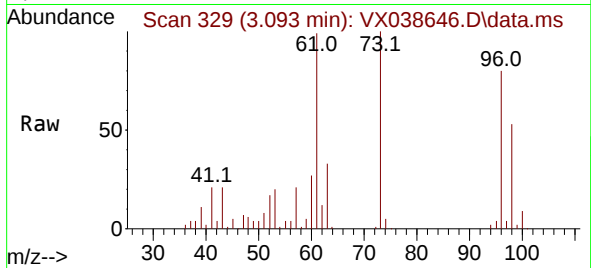
Tgt Ion: 84 Resp: 63627
Ion Ratio Lower Upper
84 100
49 102.3 103.6 155.4#
51 32.9 33.8 50.6#
86 66.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.065 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

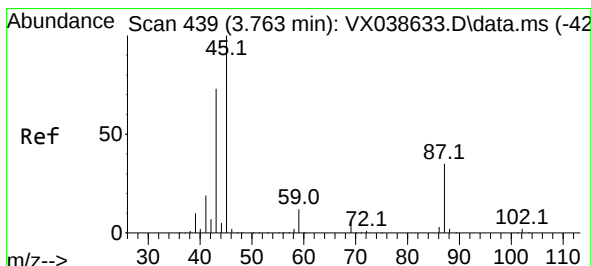
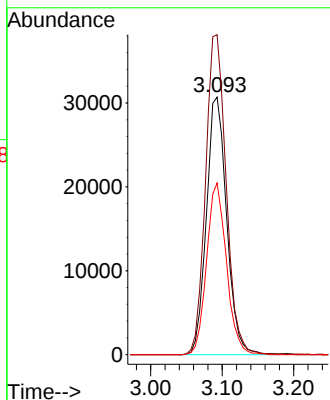
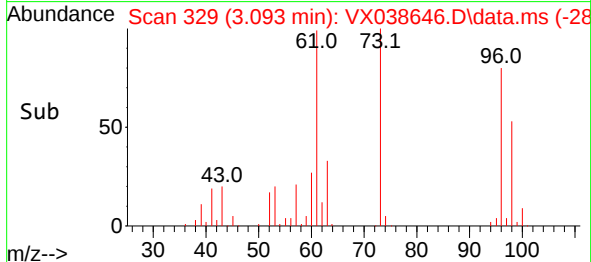
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



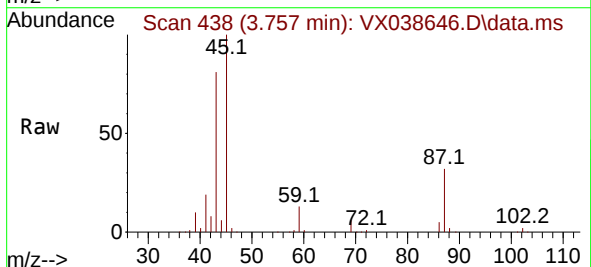
Tgt Ion: 96 Resp: 6055
Ion Ratio Lower Upper
96 100
61 124.2 119.2 178.8
98 66.6 48.7 73.1

Manual Integrations
APPROVED

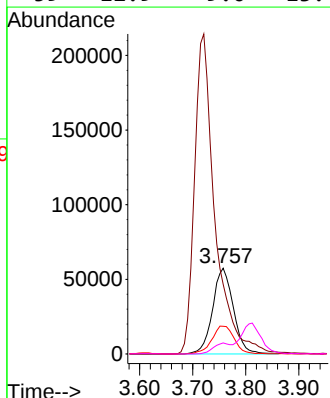
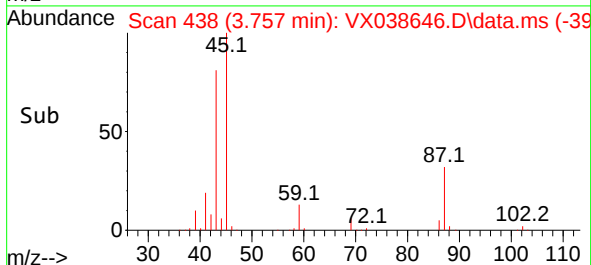
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

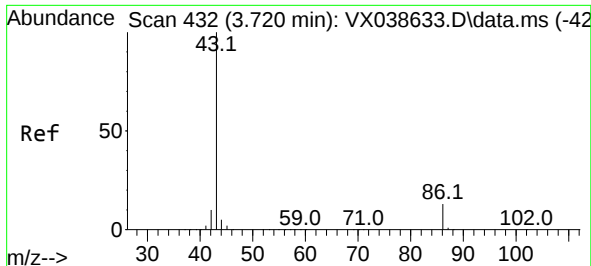


#22
Diisopropyl ether
Concen: 18.801 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26



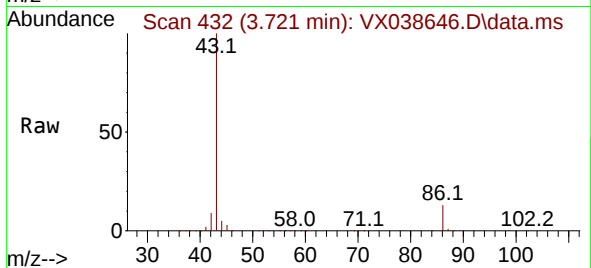
Tgt Ion: 45 Resp: 156263
Ion Ratio Lower Upper
45 100
43 81.0 69.7 104.5
87 32.3 20.8 31.2#
59 12.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 97.697 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038646.D
 Acq: 08 Nov 2023 11:26

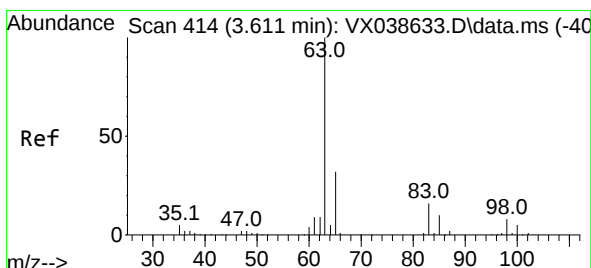
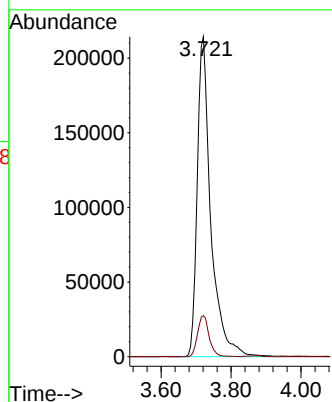
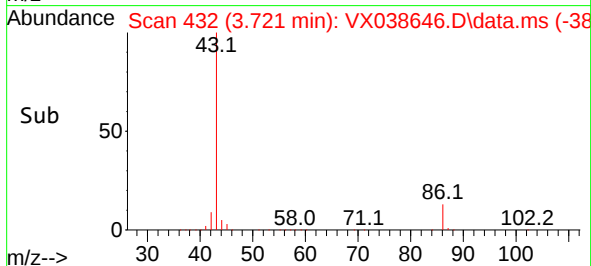
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01



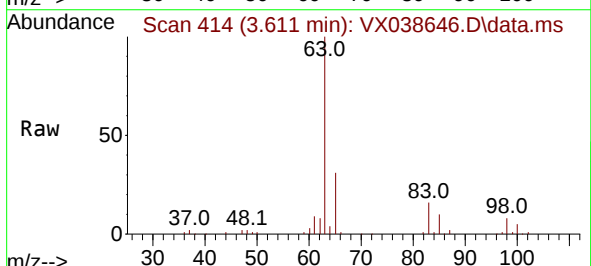
Tgt Ion: 43 Resp: 57635
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.8 11.8

Manual Integrations
 APPROVED

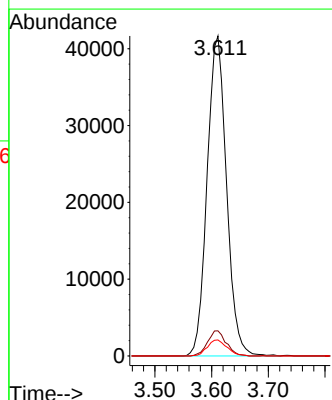
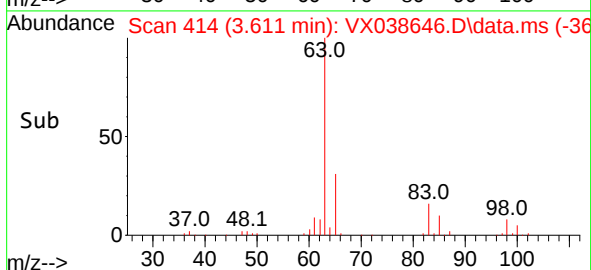
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023

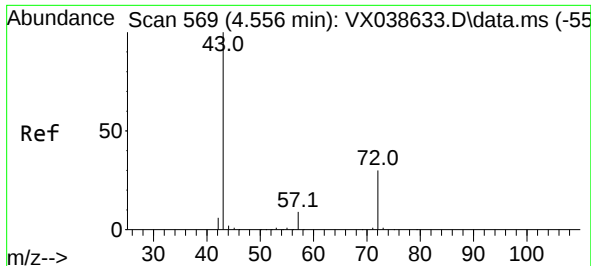


#24
 1,1-Dichloroethane
 Concen: 18.008 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038646.D
 Acq: 08 Nov 2023 11:26



Tgt Ion: 63 Resp: 99025
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 5.0 2.1 6.5





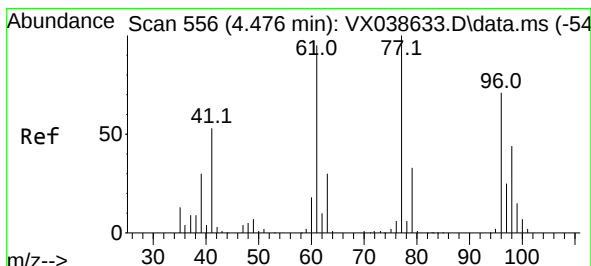
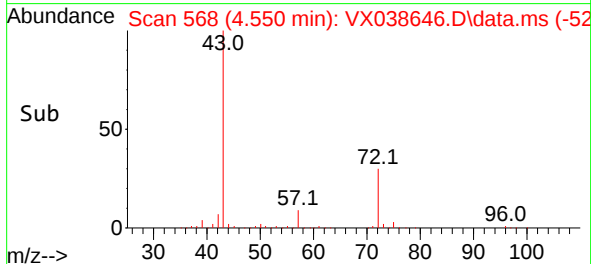
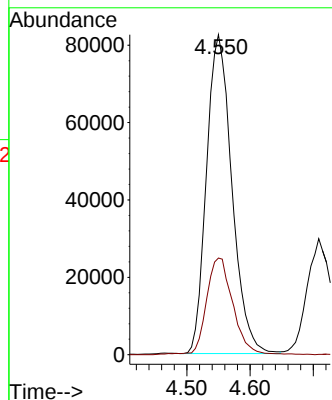
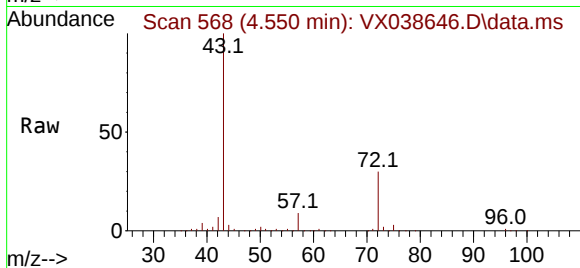
#25
2-Butanone
Concen: 91.892 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tgt Ion: 43 Resp: 23026
Ion Ratio Lower Upper
43 100
72 30.0 19.4 29.2

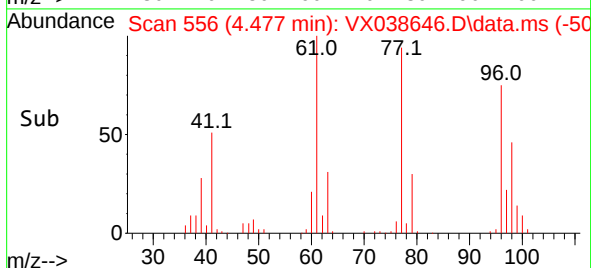
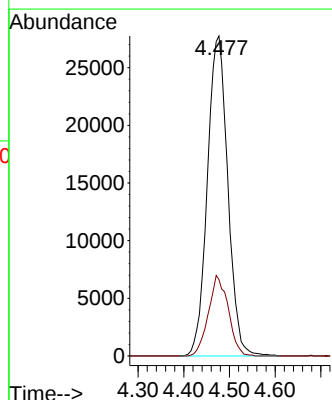
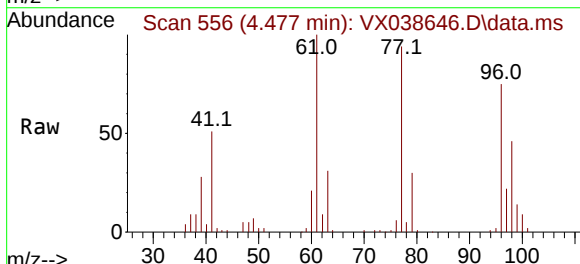
Manual Integrations
APPROVED

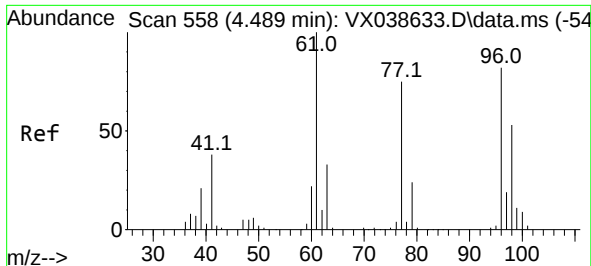
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#26
2,2-Dichloropropane
Concen: 17.949 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion: 77 Resp: 86176
Ion Ratio Lower Upper
77 100
97 24.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.342 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 96 Resp: 70990

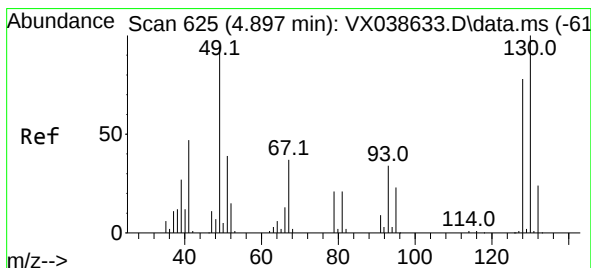
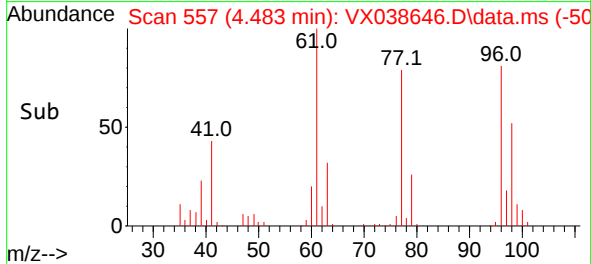
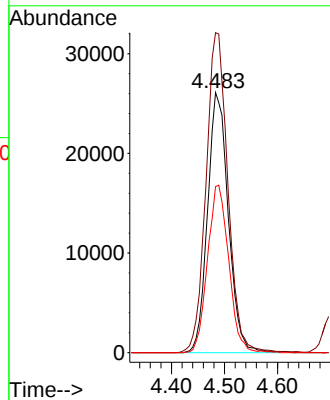
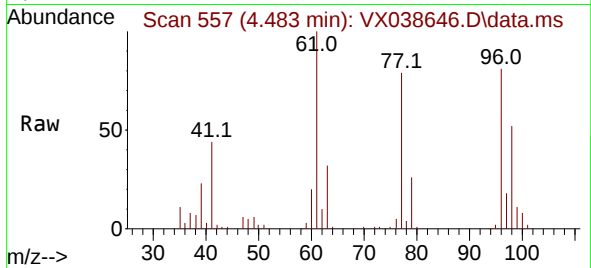
Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	312.2
98	65.7	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#28

Bromochloromethane

Concen: 19.881 ug/l

RT: 4.891 min Scan# 624

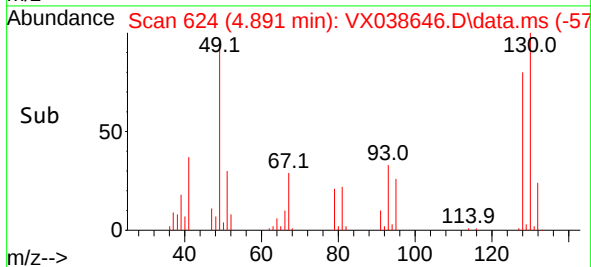
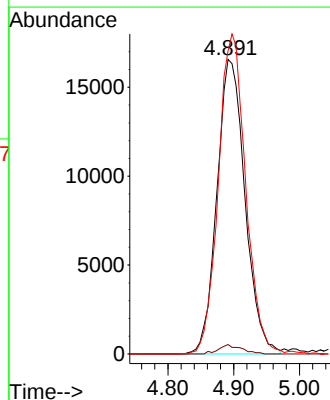
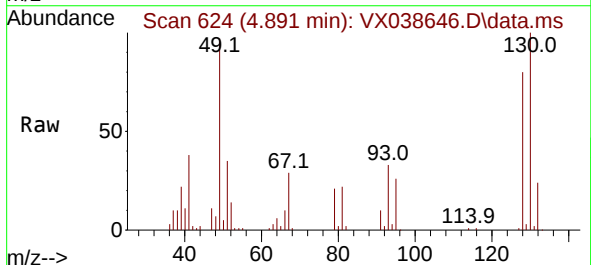
Delta R.T. -0.006 min

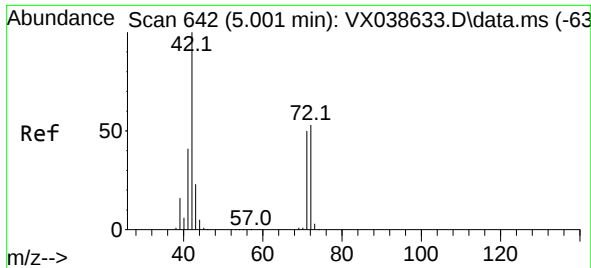
Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Tgt Ion: 49 Resp: 49130

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	3.8
130	105.9	57.5	86.3





#29

Tetrahydrofuran

Concen: 91.090 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 42 Resp: 142015

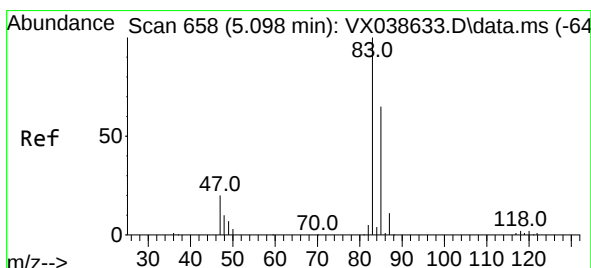
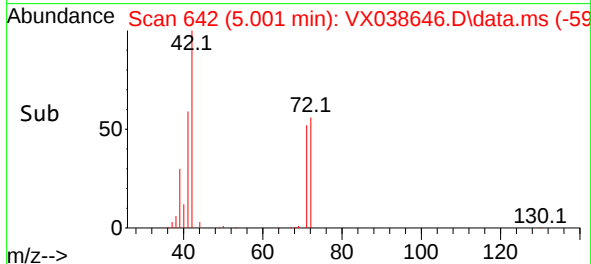
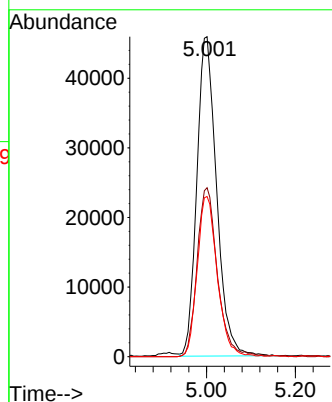
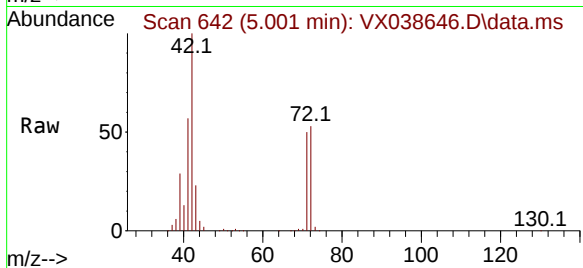
Ion	Ratio	Lower	Upper
42	100		
72	54.3	34.2	51.4
71	50.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#30

Chloroform

Concen: 17.948 ug/l

RT: 5.093 min Scan# 657

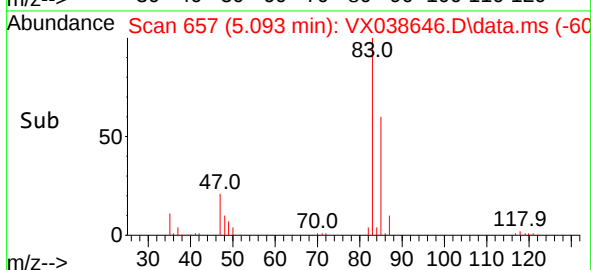
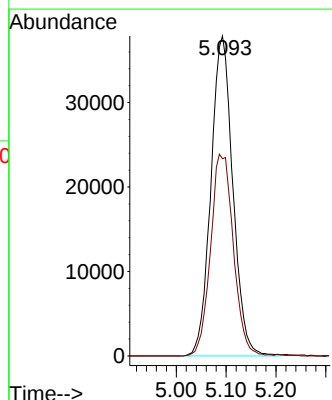
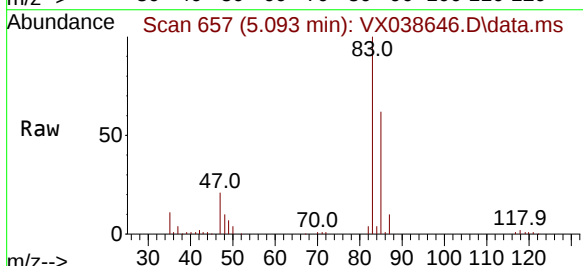
Delta R.T. -0.006 min

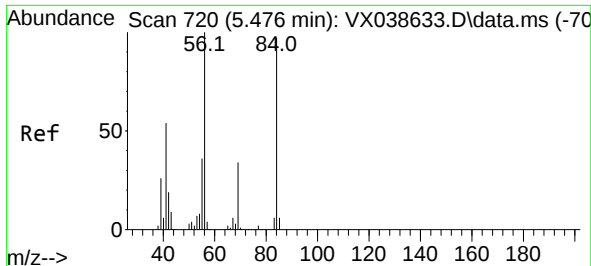
Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Tgt Ion: 83 Resp: 115803

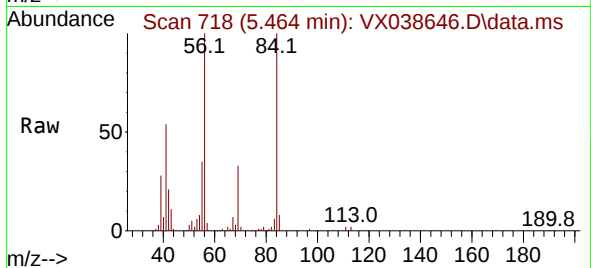
Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.3	75.5





#31
Cyclohexane
Concen: 18.162 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

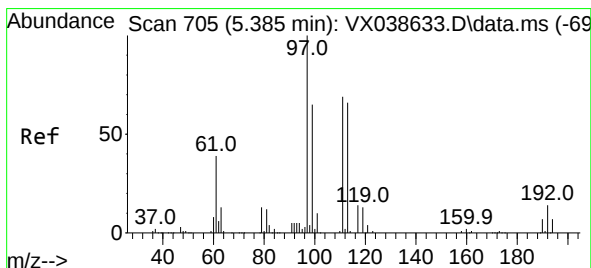
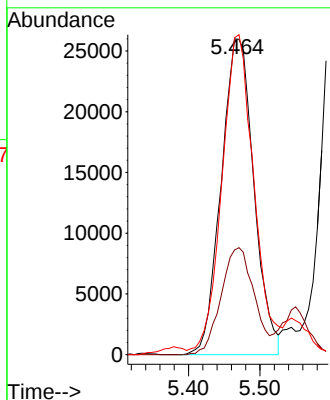
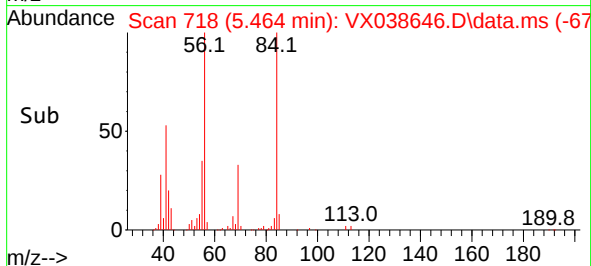
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



Tgt Ion: 56 Resp: 82562
Ion Ratio Lower Upper
56 100
69 33.1 23.4 35.2
84 98.2 65.9 98.9

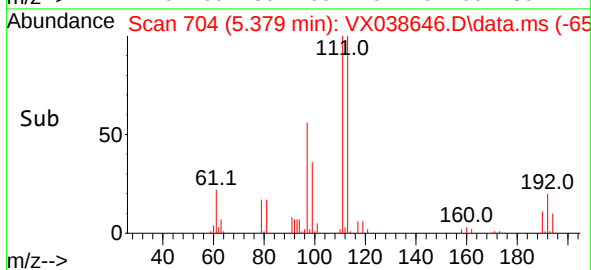
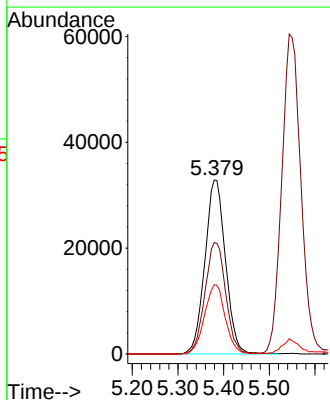
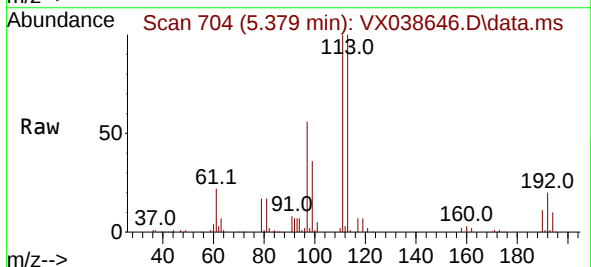
Manual Integrations
APPROVED

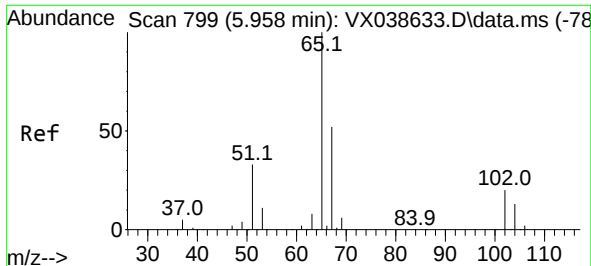
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#32
1,1,1-Trichloroethane
Concen: 18.111 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion: 97 Resp: 102835
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 40.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.232 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 65 Resp: 193997

Ion Ratio Lower Upper

65 100

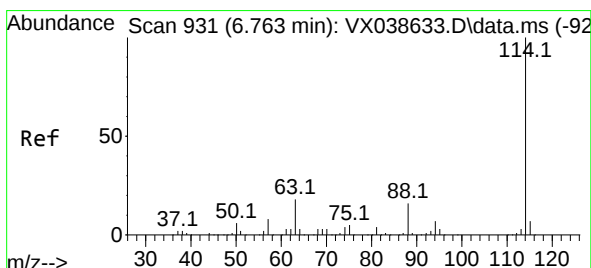
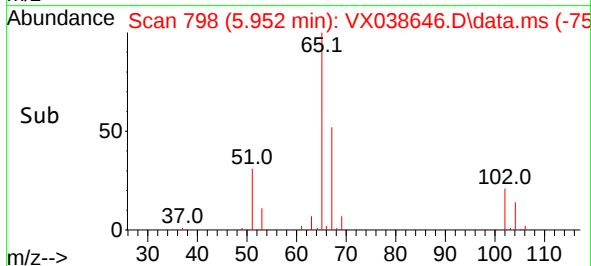
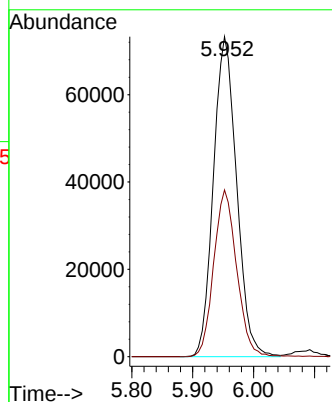
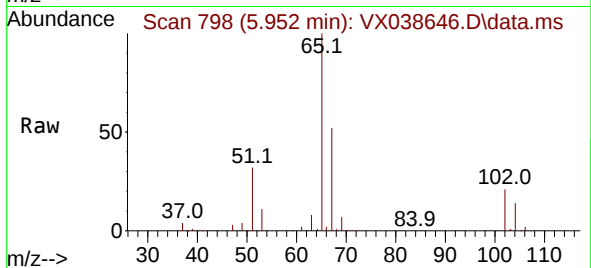
67 51.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

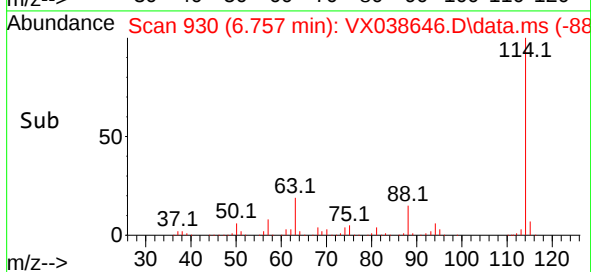
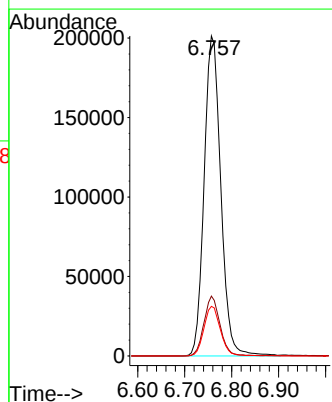
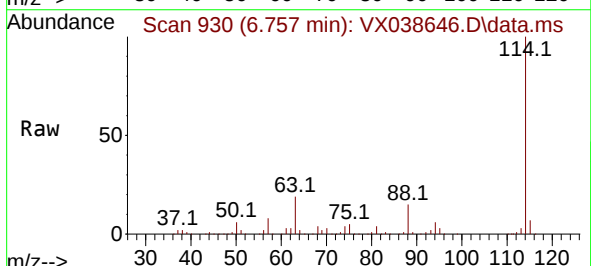
Tgt Ion:114 Resp: 496041

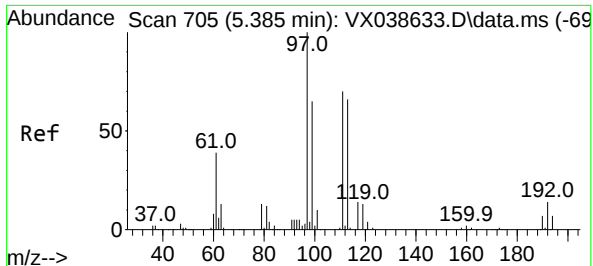
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

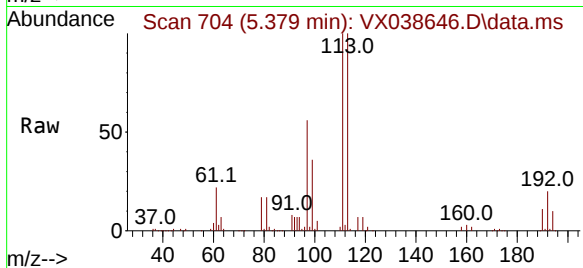
88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.325 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

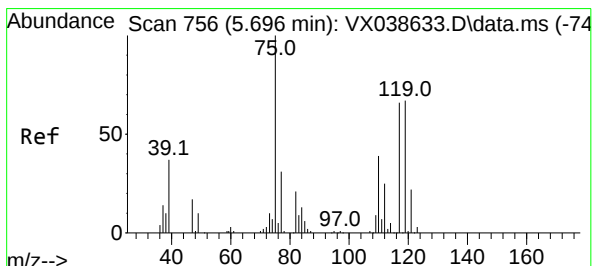
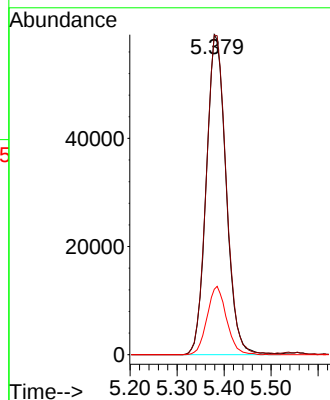
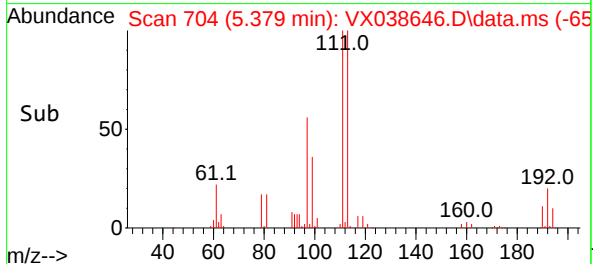
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



Tgt Ion: 113 Resp: 172648
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 21.0 13.3 19.9

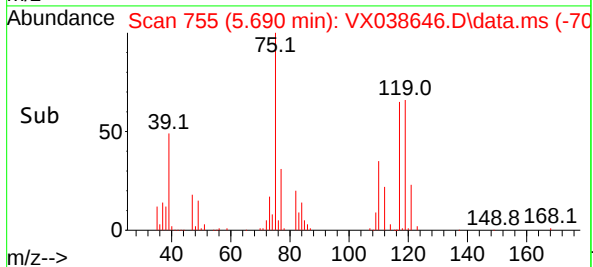
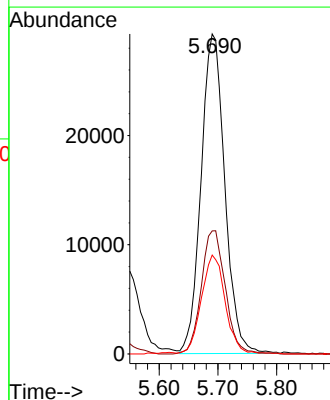
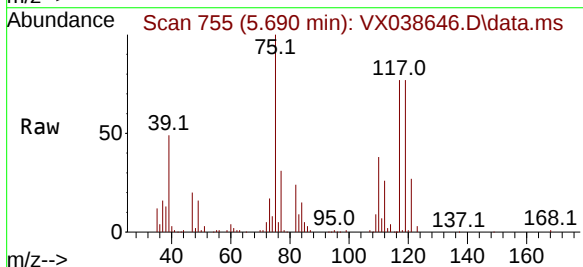
Manual Integrations
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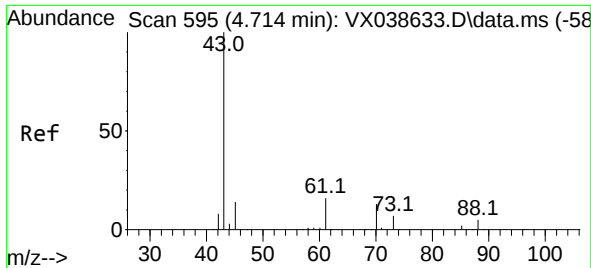
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#36
1,1-Dichloropropene
Concen: 18.549 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion: 75 Resp: 82317
Ion Ratio Lower Upper
75 100
110 39.0 17.0 50.9
77 31.1 24.7 37.1





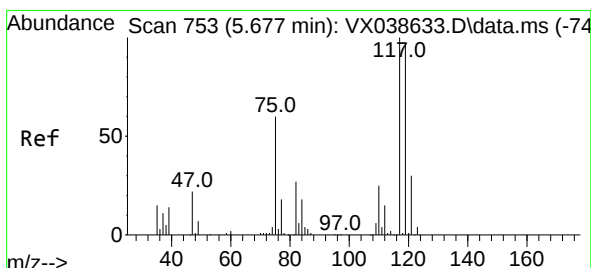
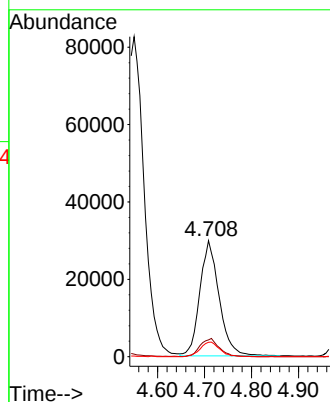
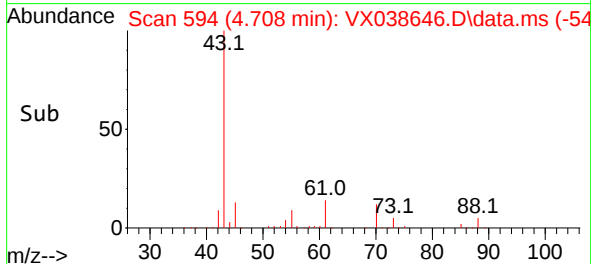
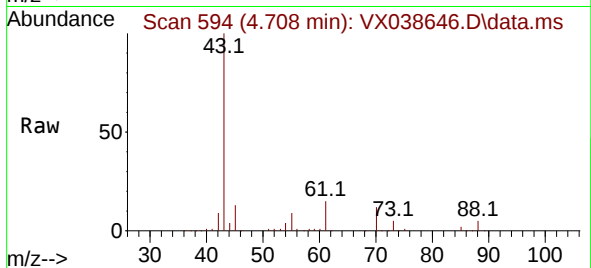
#37
Ethyl Acetate
Concen: 18.808 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tgt Ion: 43 Resp: 8522
Ion Ratio Lower Upper
43 100
61 15.8 10.6 16.0
70 12.8 8.3 12.5

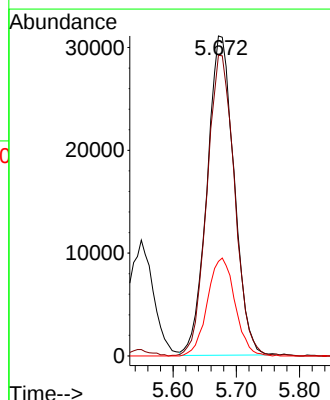
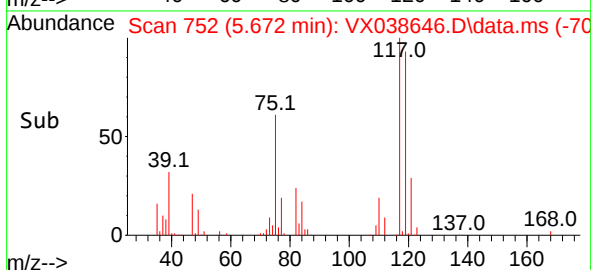
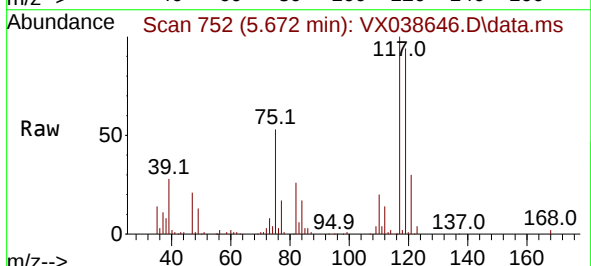
Manual Integrations
APPROVED

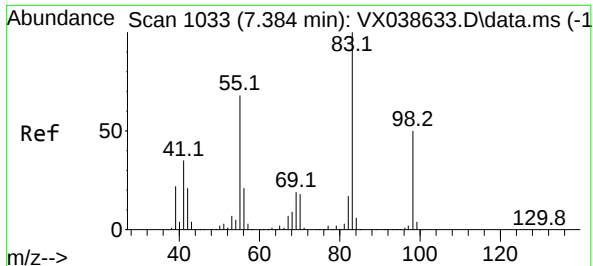
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#38
Carbon Tetrachloride
Concen: 18.585 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion:117 Resp: 92207
Ion Ratio Lower Upper
117 100
119 94.0 78.2 117.2
121 29.6 24.4 36.6





#39

Methylcyclohexane

Concen: 18.676 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 83 Resp: 103624

Ion Ratio Lower Upper

83 100

55 70.0 64.6 97.0

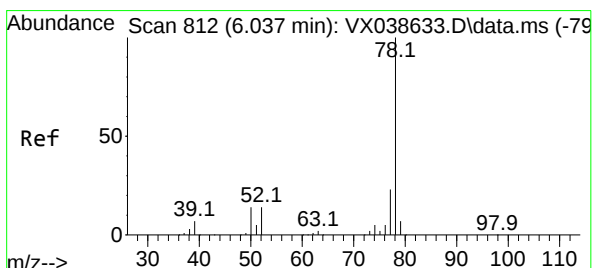
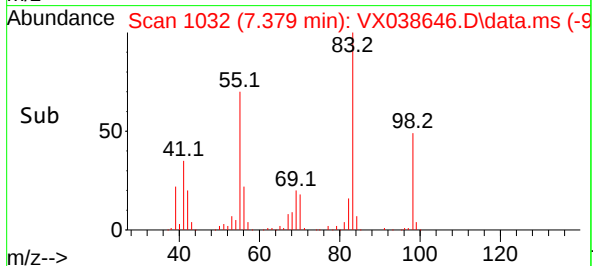
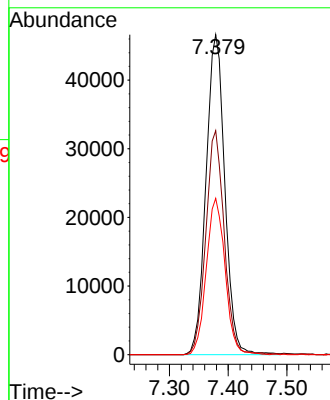
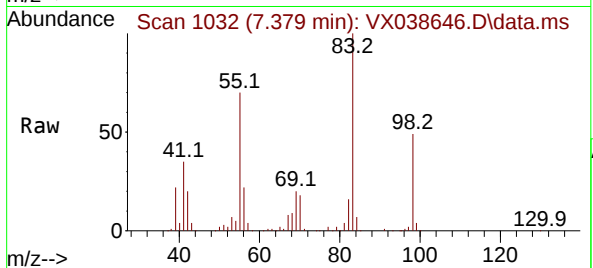
98 48.8 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#40

Benzene

Concen: 18.530 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038646.D

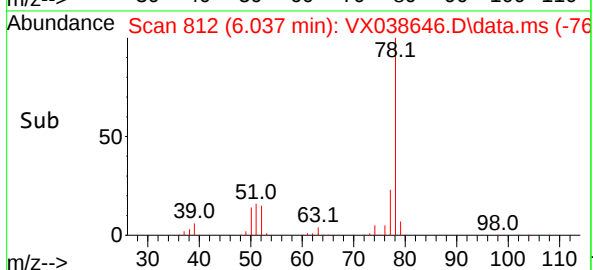
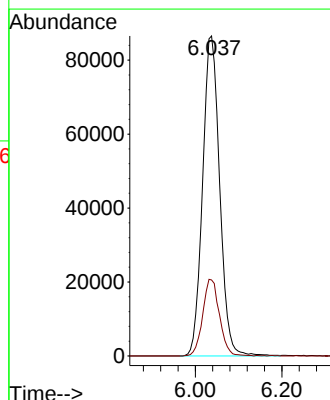
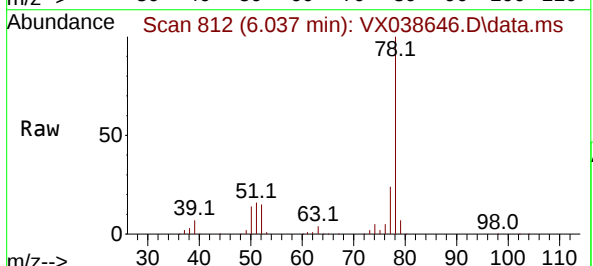
Acq: 08 Nov 2023 11:26

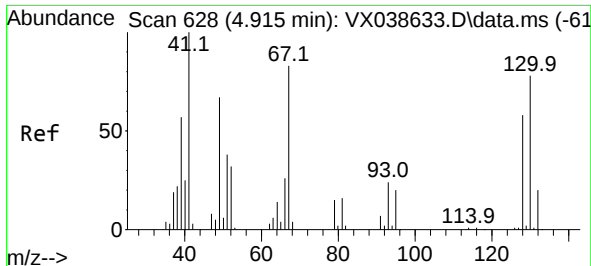
Tgt Ion: 78 Resp: 236860

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 19.518 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

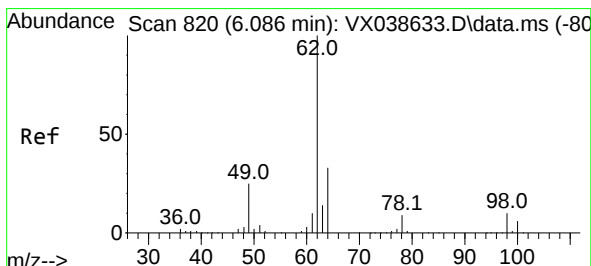
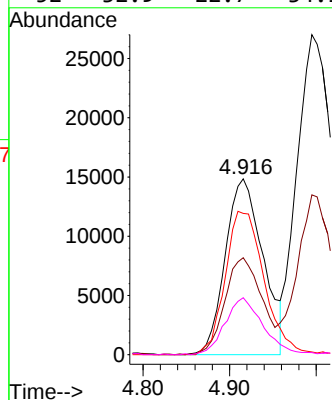
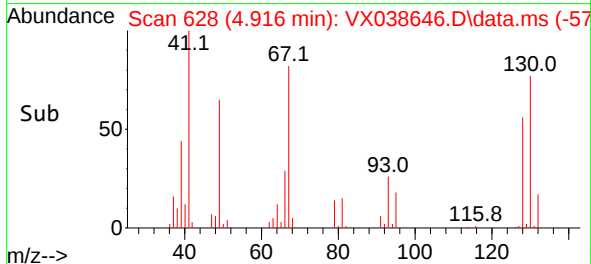
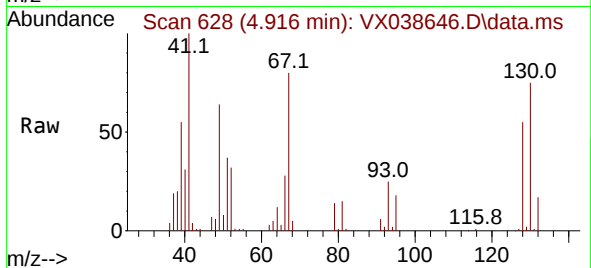
Tgt Ion: 41 Resp: 45054
Ion Ratio Lower Upper
41 100
39 53.5 45.2 67.8
67 84.6 52.6 78.8
52 32.9 22.7 34.1

Manual Integrations

APPROVED

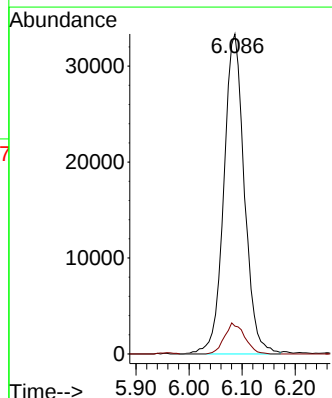
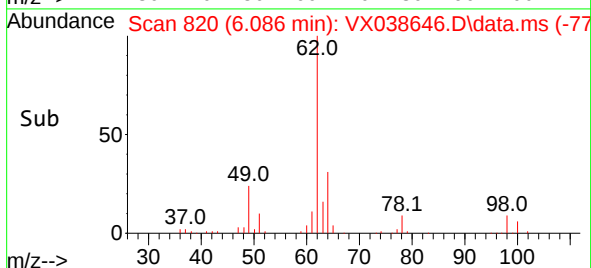
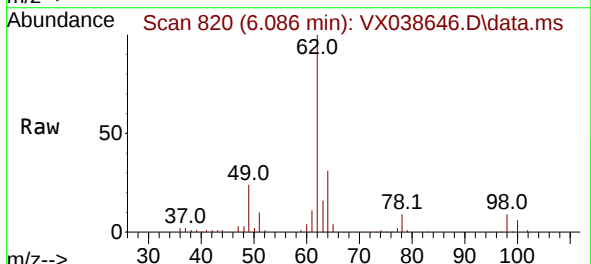
Reviewed By :John Carlone 11/09/2023

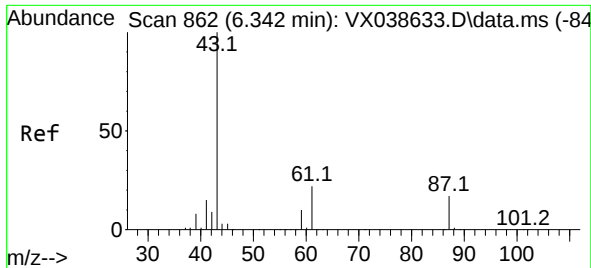
Supervised By :Semsettin Yesilyurt 11/09/2023



#42
1,2-Dichloroethane
Concen: 19.461 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion: 62 Resp: 89760
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.0





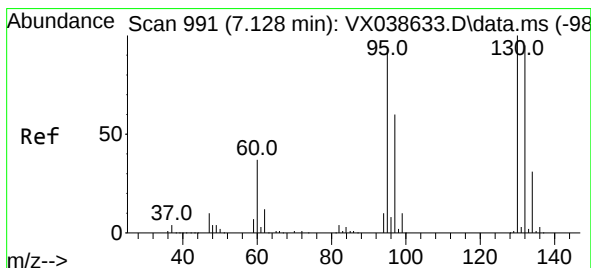
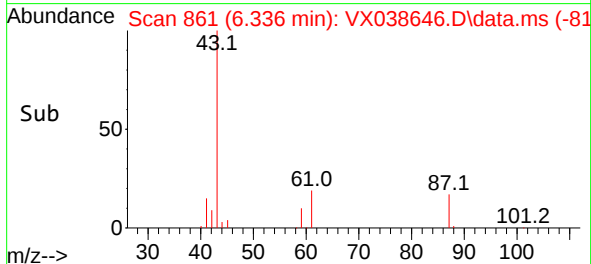
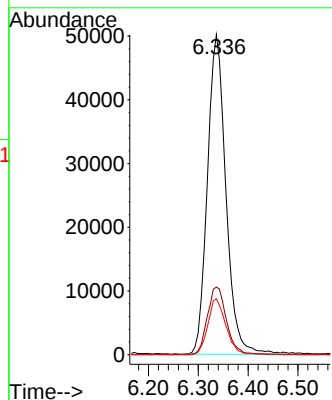
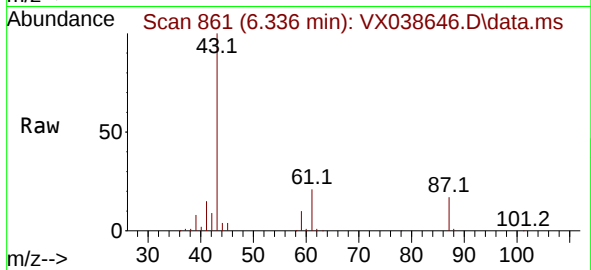
#43
Isopropyl Acetate
Concen: 18.558 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tgt Ion: 43 Resp: 12927
Ion Ratio Lower Upper
43 100
61 21.9 15.2 22.8
87 17.1 9.8 14.6

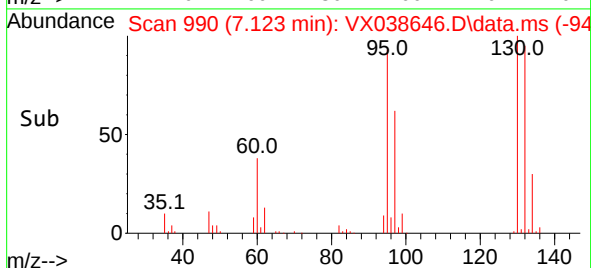
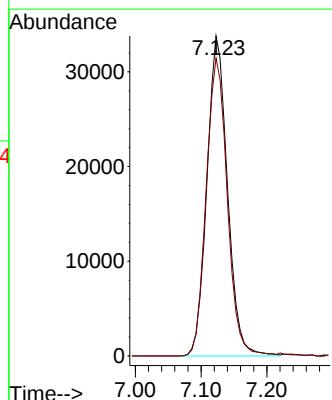
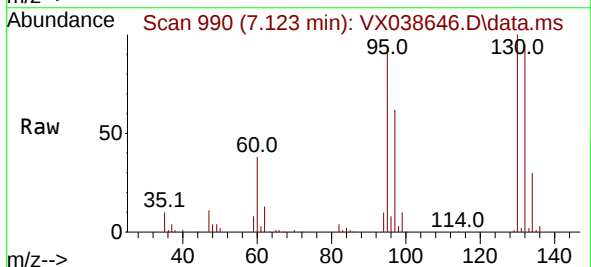
Manual Integrations
APPROVED

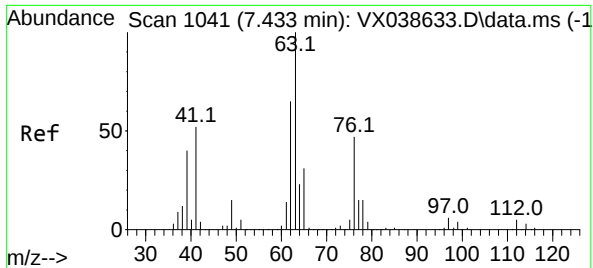
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#44
Trichloroethene
Concen: 18.499 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

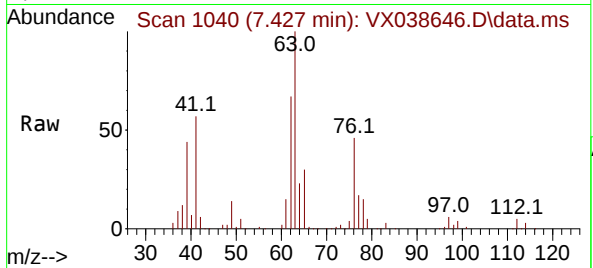
Tgt Ion:130 Resp: 73572
Ion Ratio Lower Upper
130 100
95 93.0 0.0 204.4





#45
1,2-Dichloropropane
Concen: 18.832 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

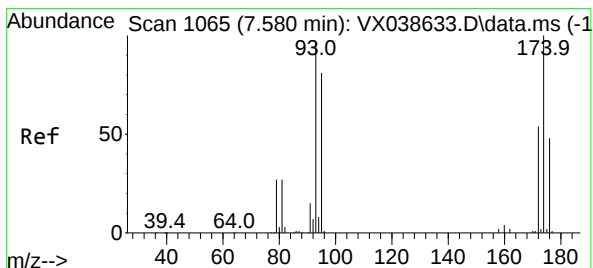
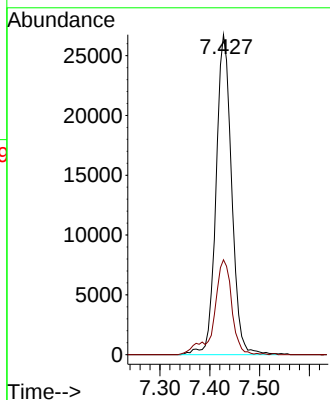
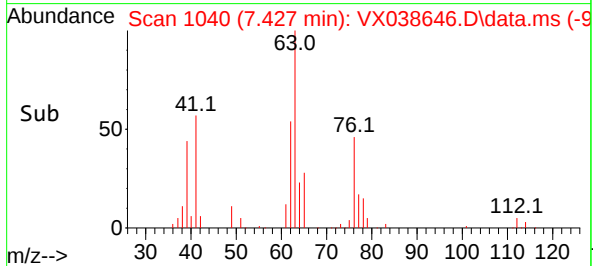
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



Tgt Ion: 63 Resp: 5819
Ion Ratio Lower Upper
63 100
65 29.6 24.3 36.5

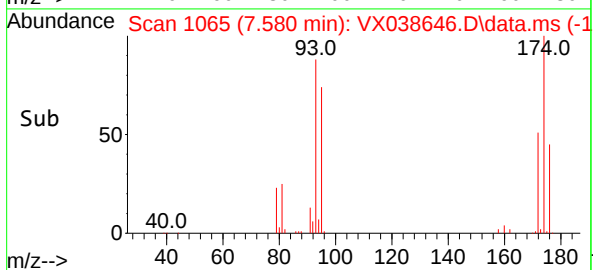
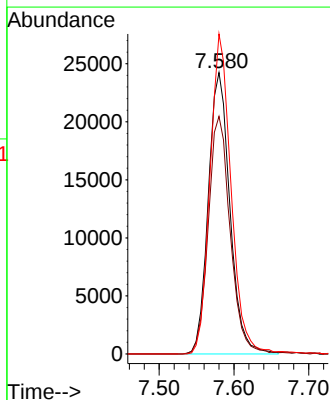
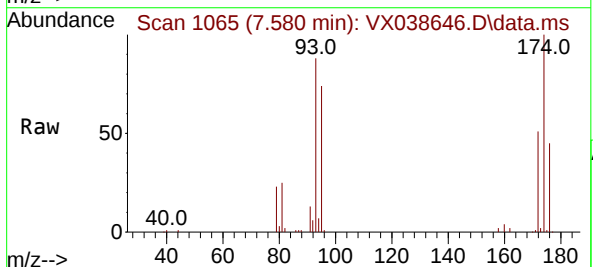
Manual Integrations
APPROVED

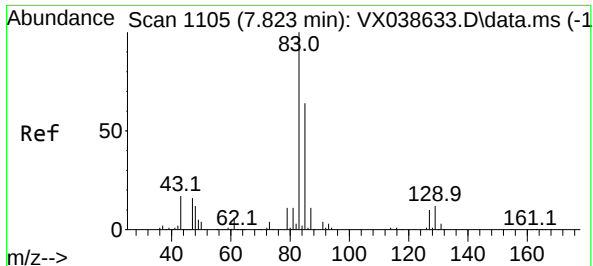
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#46
Dibromomethane
Concen: 18.896 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion: 93 Resp: 48830
Ion Ratio Lower Upper
93 100
95 85.6 66.6 100.0
174 111.6 69.4 104.0#





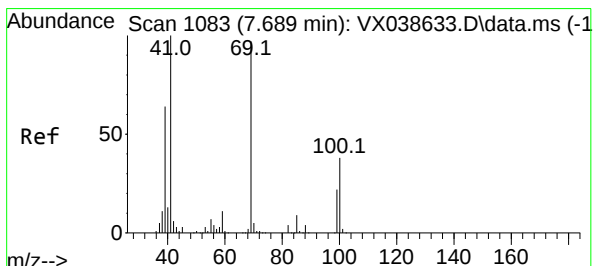
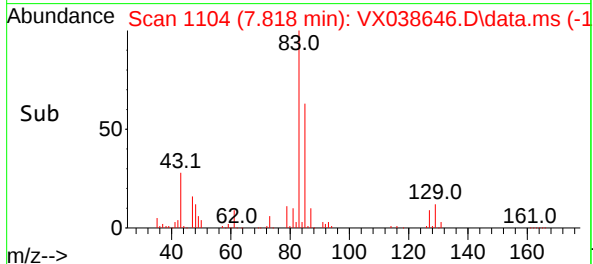
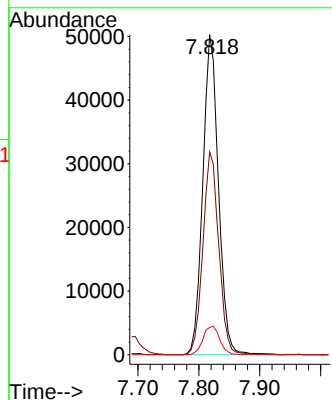
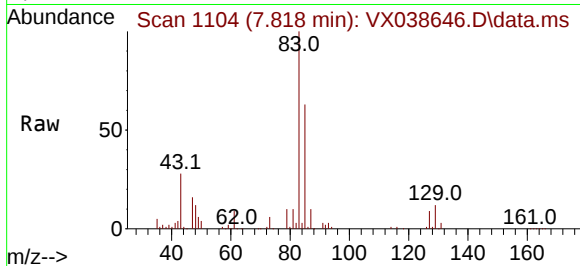
#47
Bromodichloromethane
Concen: 18.468 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tgt Ion: 83 Resp: 8975
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.6
127 8.5 7.1 10.7

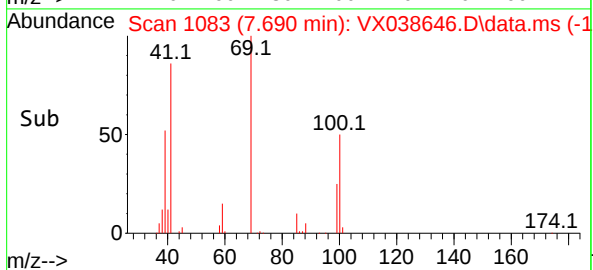
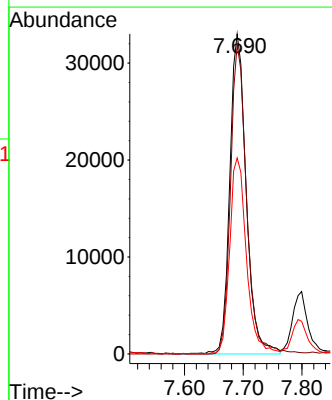
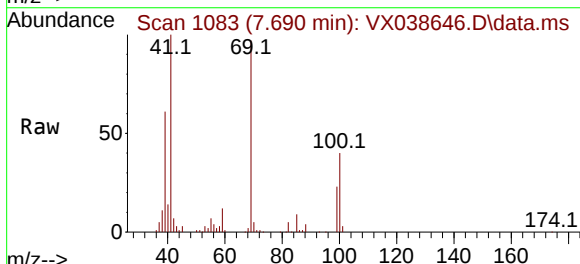
Manual Integrations
APPROVED

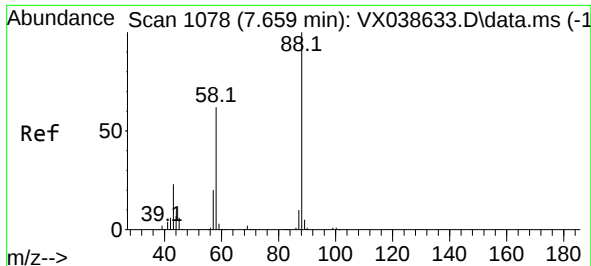
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#48
Methyl methacrylate
Concen: 19.118 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion: 41 Resp: 64181
Ion Ratio Lower Upper
41 100
69 94.8 59.2 88.8
39 62.5 47.7 71.5





#49

1,4-Dioxane

Concen: 328.288 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 88 Resp: 25089

Ion Ratio Lower Upper

88 100

43 30.5 0.0 0.0

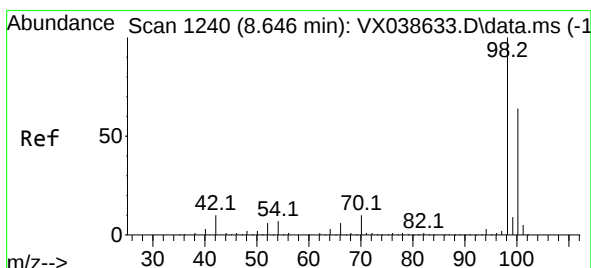
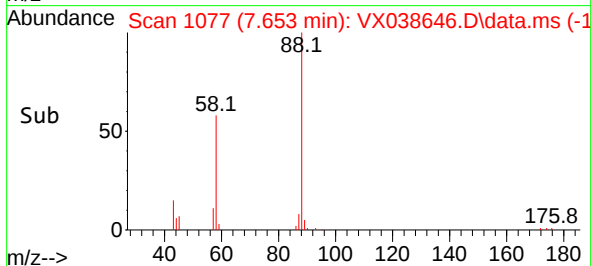
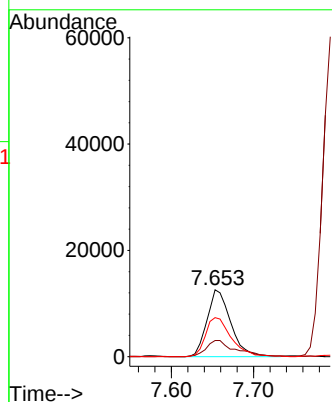
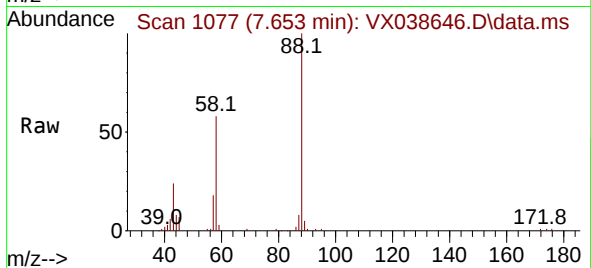
58 63.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#50

Toluene-d8

Concen: 47.661 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038646.D

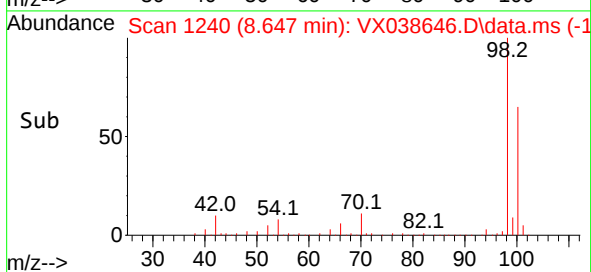
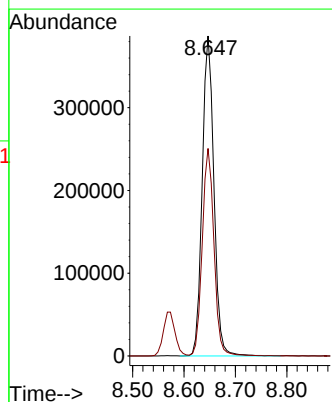
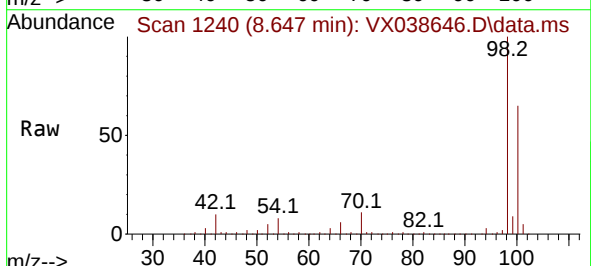
Acq: 08 Nov 2023 11:26

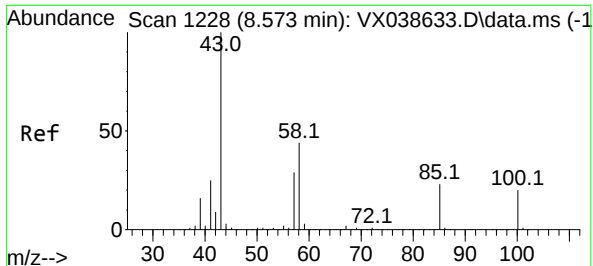
Tgt Ion: 98 Resp: 609310

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 96.180 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 43 Resp: 436520

Ion Ratio Lower Upper

43 100

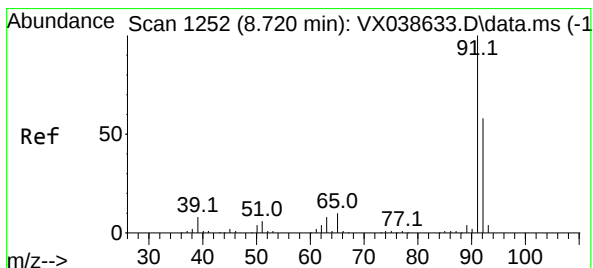
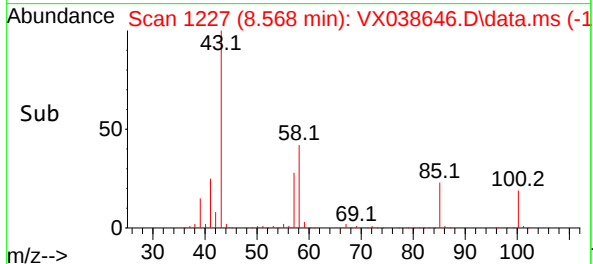
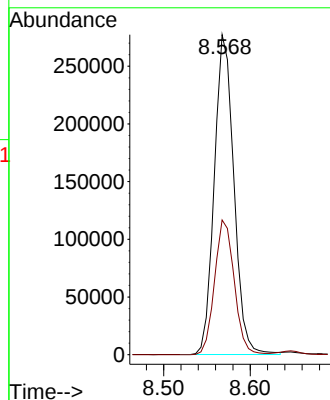
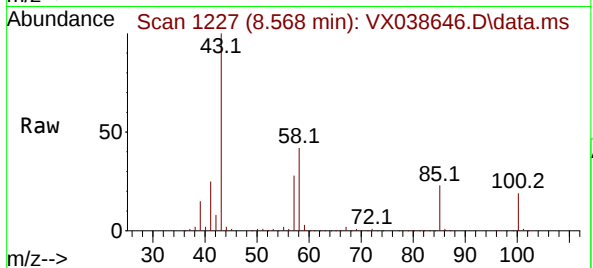
58 42.2 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#52

Toluene

Concen: 19.056 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX038646.D

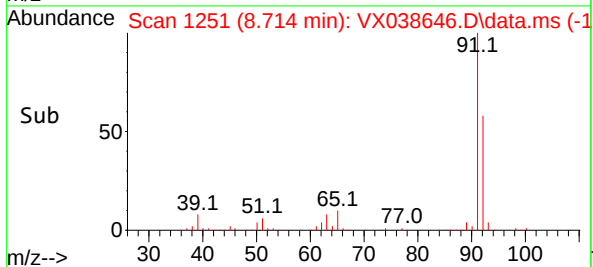
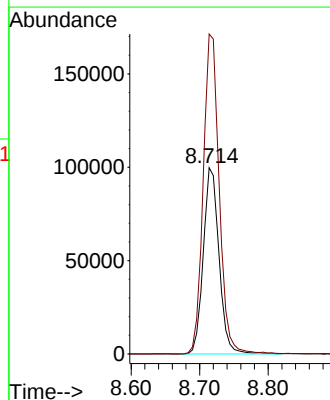
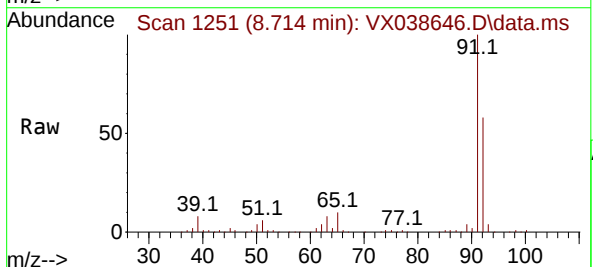
Acq: 08 Nov 2023 11:26

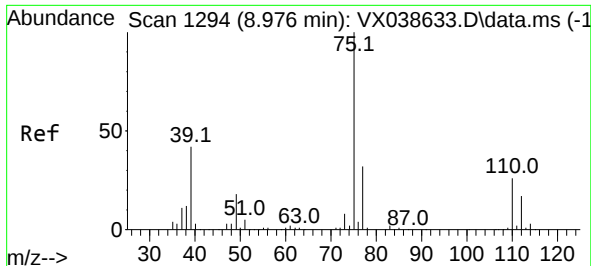
Tgt Ion: 92 Resp: 159563

Ion Ratio Lower Upper

92 100

91 174.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.771 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 75 Resp: 9287

Ion Ratio Lower Upper

75 100

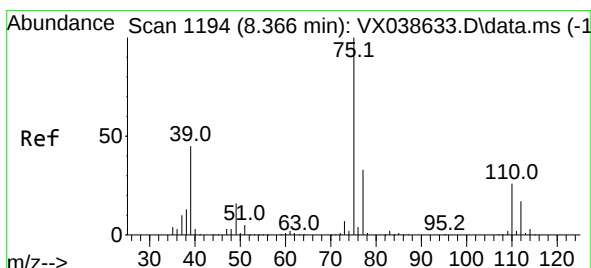
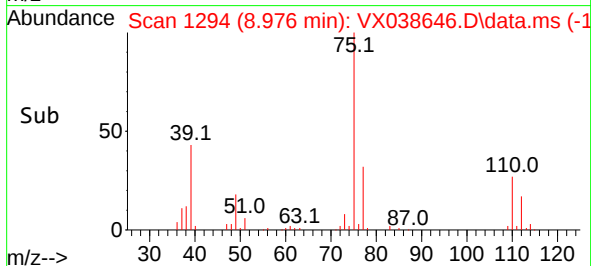
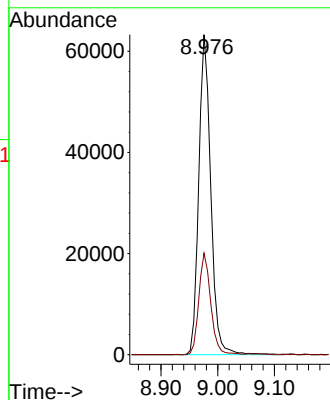
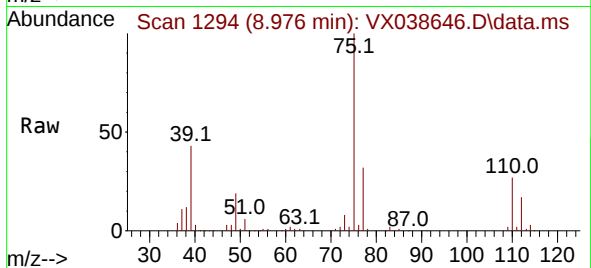
77 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#54

cis-1,3-Dichloropropene

Concen: 18.940 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

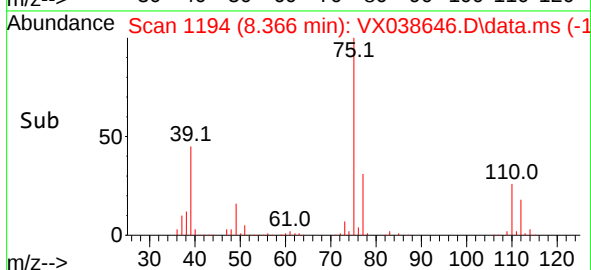
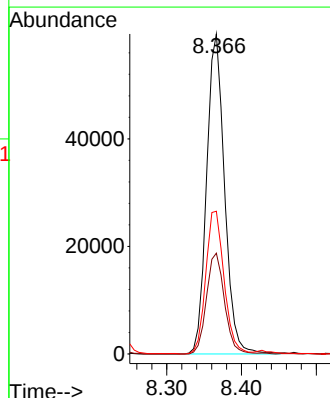
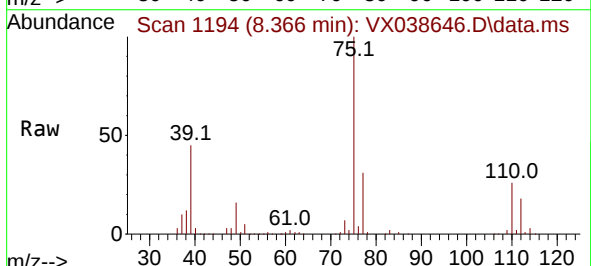
Tgt Ion: 75 Resp: 98926

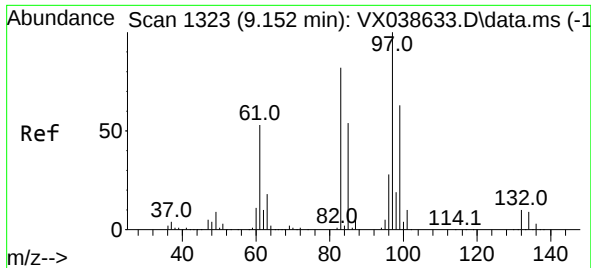
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 44.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.522 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

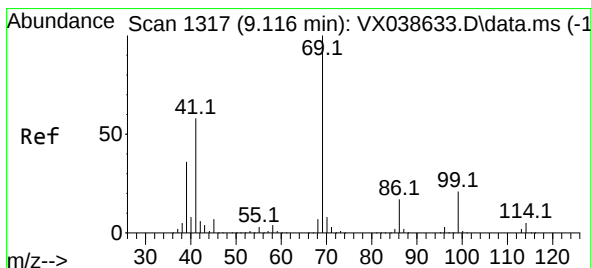
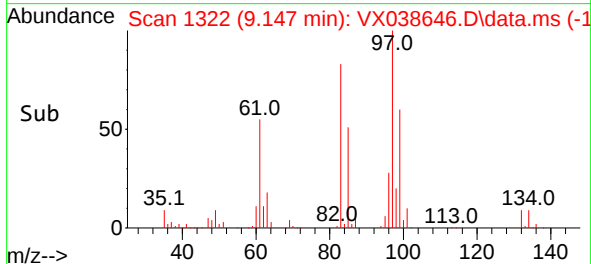
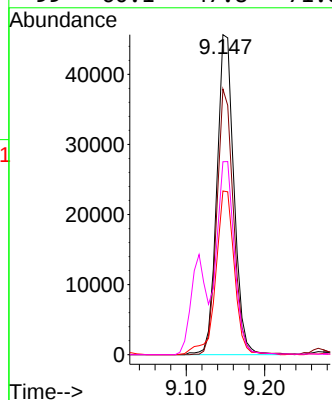
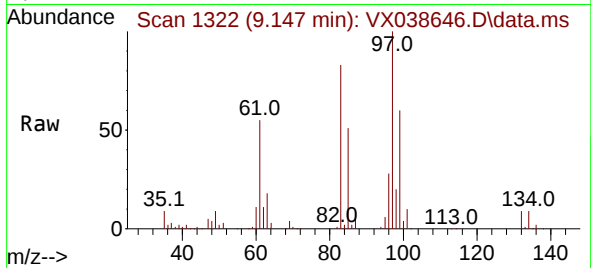
Tgt Ion: 97 Resp: 69358
Ion Ratio Lower Upper
97 100
83 83.0 65.8 98.8
85 51.2 41.6 62.4
99 60.1 47.8 71.8

Manual Integrations

APPROVED

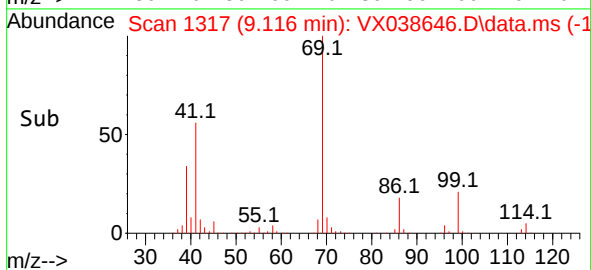
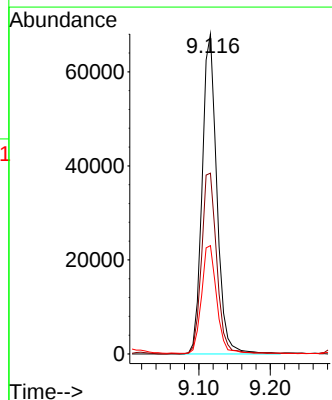
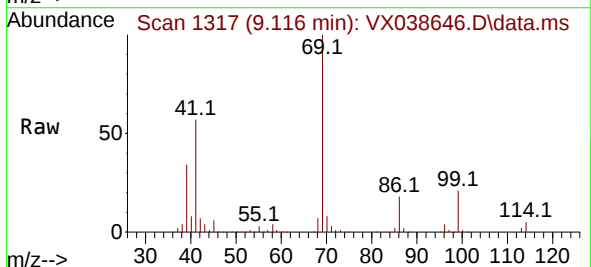
Reviewed By :John Carlone 11/09/2023

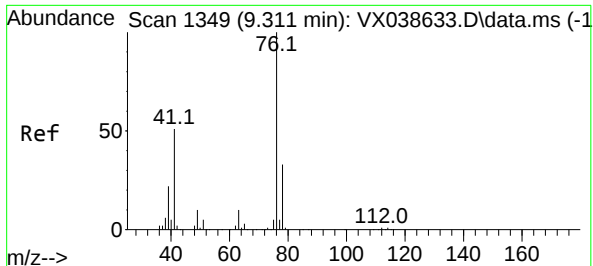
Supervised By :Semsettin Yesilyurt 11/09/2023



#56
Ethyl methacrylate
Concen: 19.545 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion: 69 Resp: 97155
Ion Ratio Lower Upper
69 100
41 59.1 56.8 85.2
39 35.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 19.335 ug/l

RT: 9.305 min Scan# 111

Delta R.T. -0.006 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 76 Resp: 106998

Ion Ratio Lower Upper

76 100

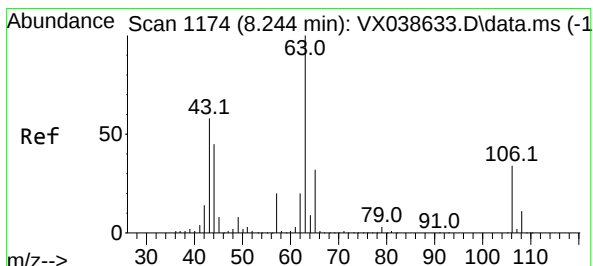
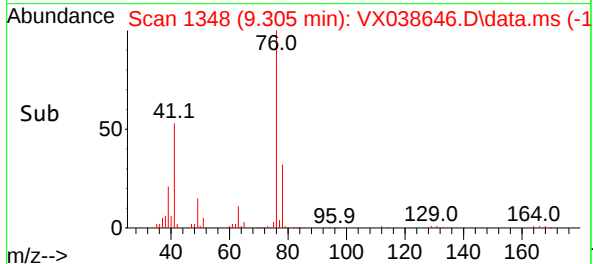
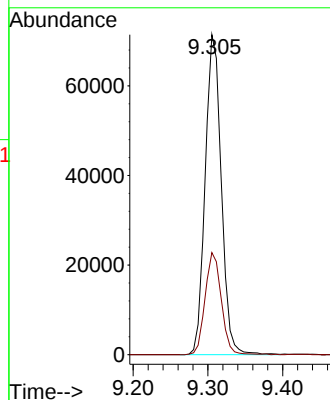
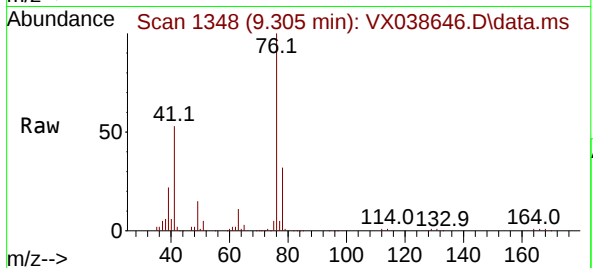
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 100.253 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038646.D

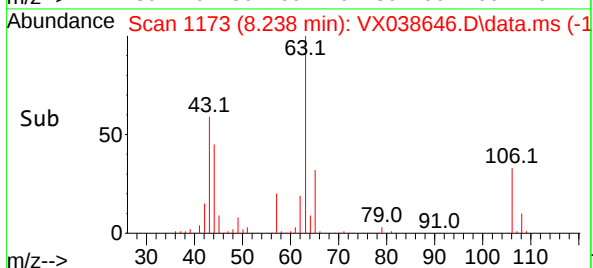
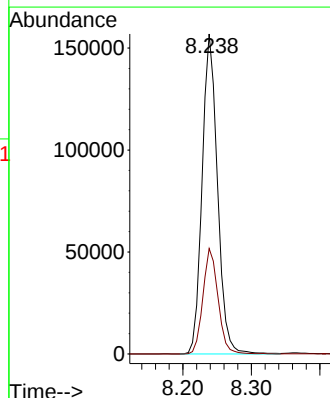
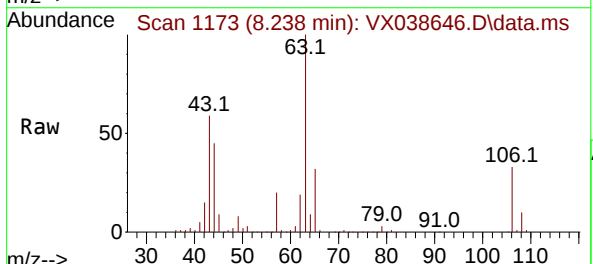
Acq: 08 Nov 2023 11:26

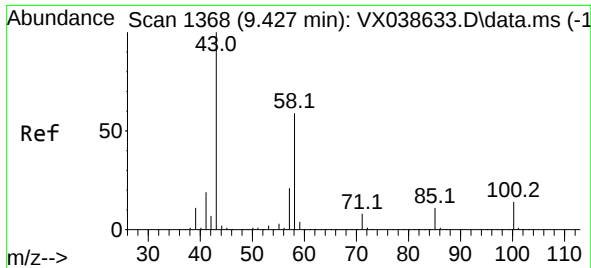
Tgt Ion: 63 Resp: 245023

Ion Ratio Lower Upper

63 100

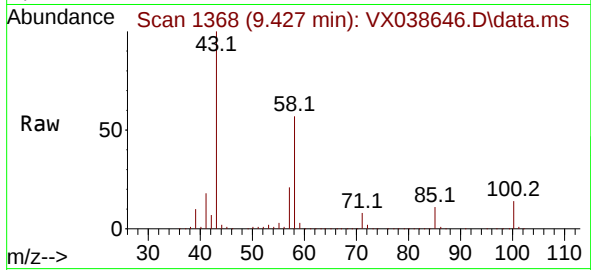
106 32.4 22.5 33.7





#59
2-Hexanone
Concen: 96.172 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

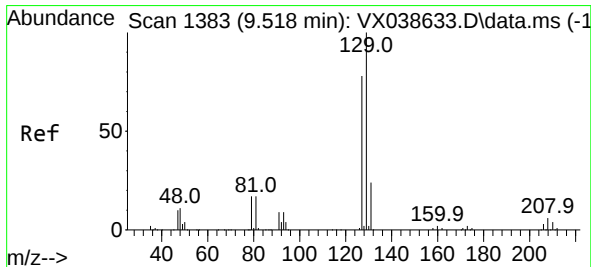
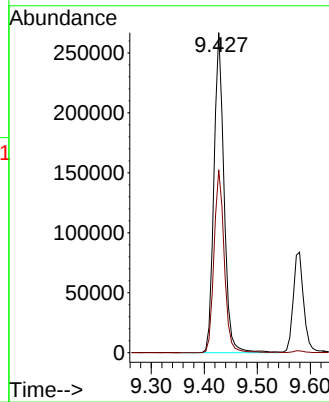
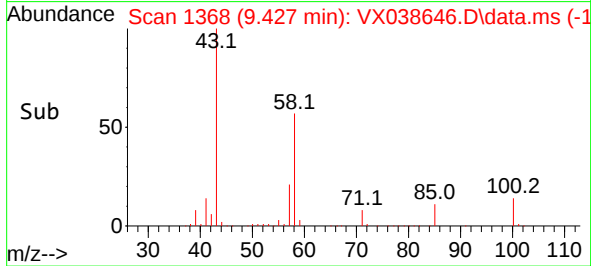
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



Tgt Ion: 43 Resp: 35317
Ion Ratio Lower Upper
43 100
58 58.0 26.2 78.5

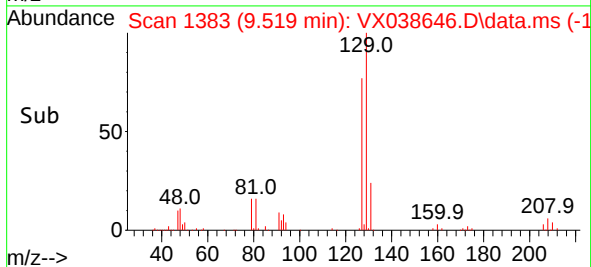
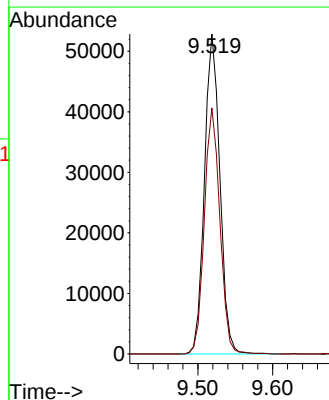
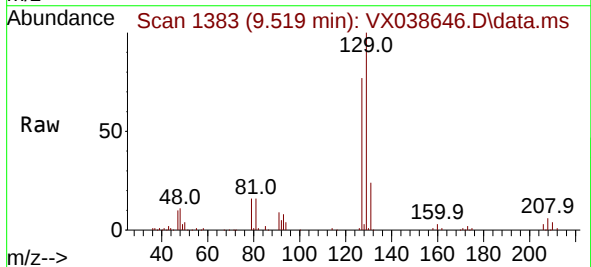
Manual Integrations
APPROVED

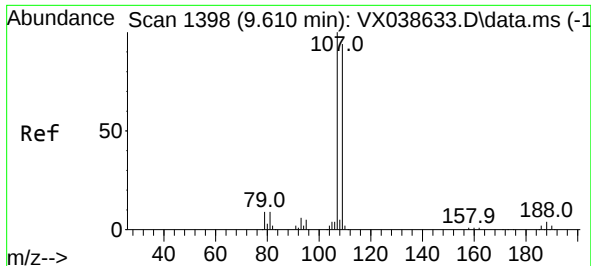
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#60
Dibromochloromethane
Concen: 18.987 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

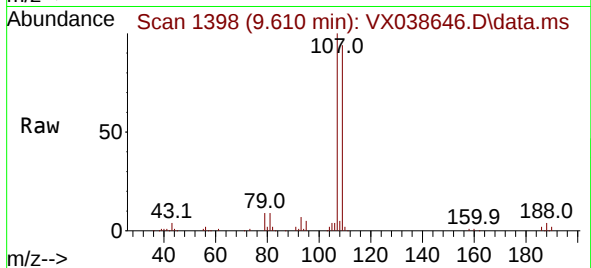
Tgt Ion:129 Resp: 75727
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.210 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

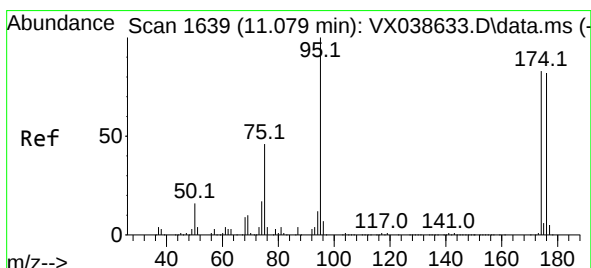
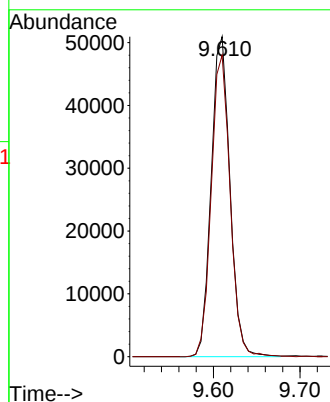
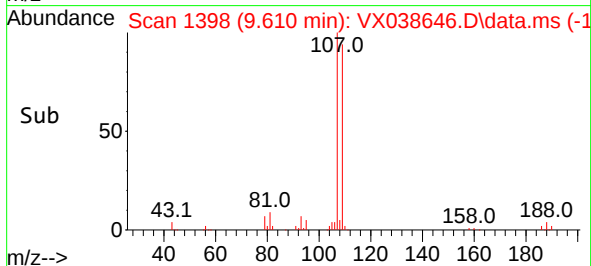
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



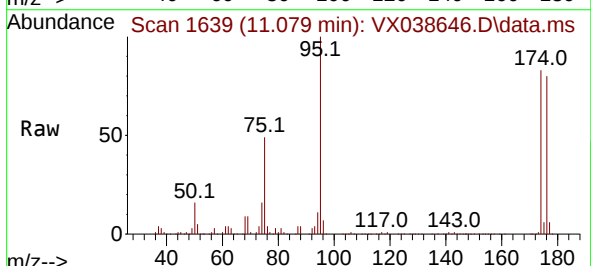
Tgt Ion:107 Resp: 7670
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

Manual Integrations
APPROVED

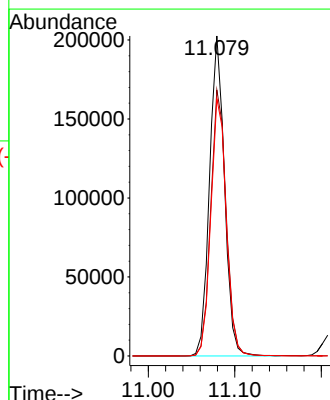
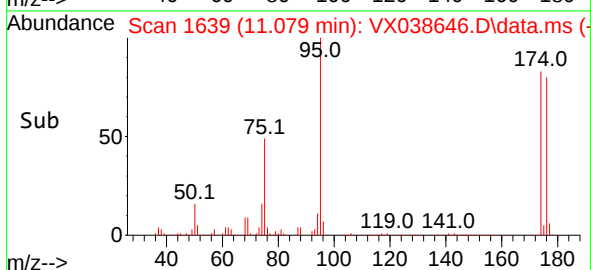
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

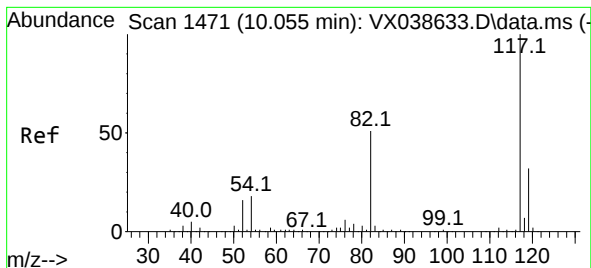


#62
4-Bromofluorobenzene
Concen: 49.024 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26



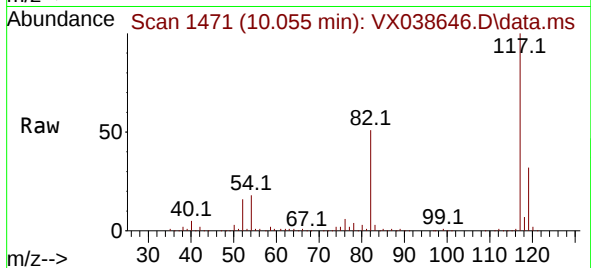
Tgt Ion: 95 Resp: 242995
Ion Ratio Lower Upper
95 100
174 86.2 0.0 135.6
176 83.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

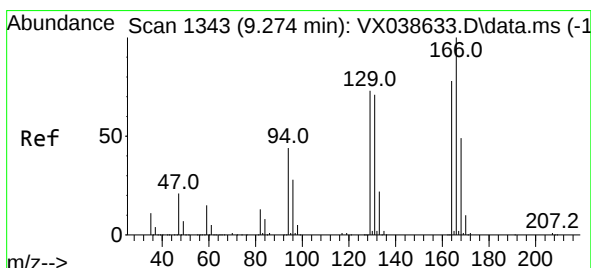
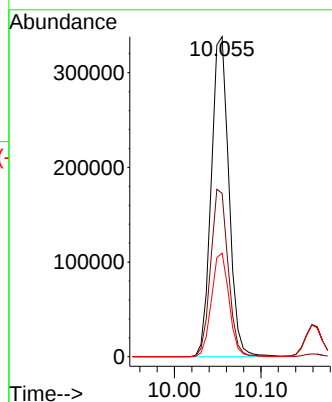
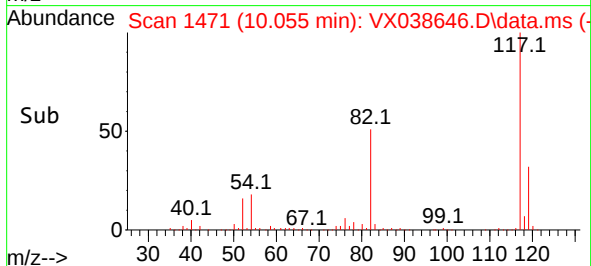
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



Tgt Ion:117 Resp: 477850
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.4 25.5 38.3

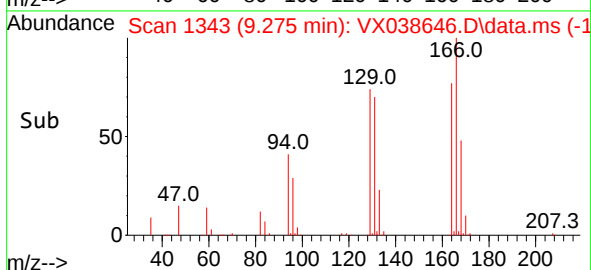
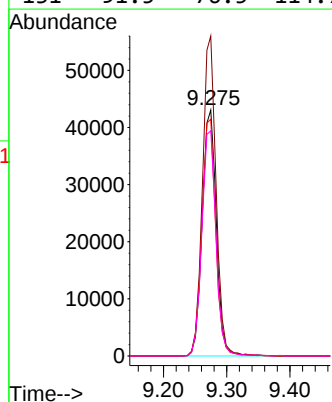
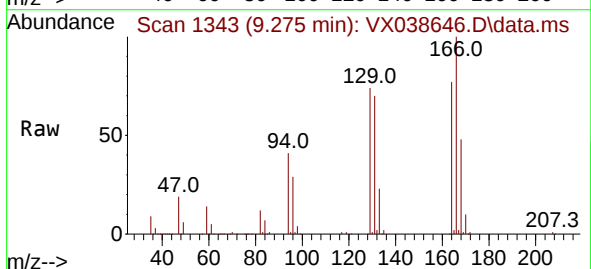
Manual Integrations
APPROVED

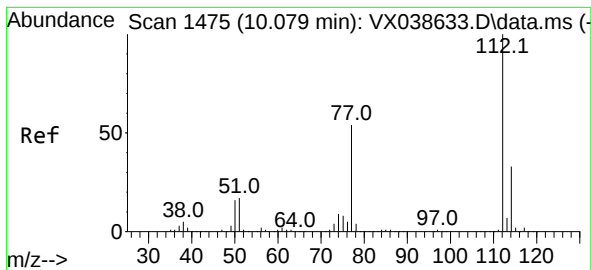
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#64
Tetrachloroethene
Concen: 18.649 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

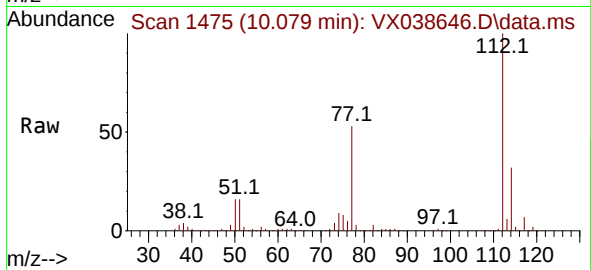
Tgt Ion:164 Resp: 66706
Ion Ratio Lower Upper
164 100
166 130.1 102.7 154.1
129 96.3 80.4 120.6
131 91.5 76.5 114.7





#65
Chlorobenzene
Concen: 19.108 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

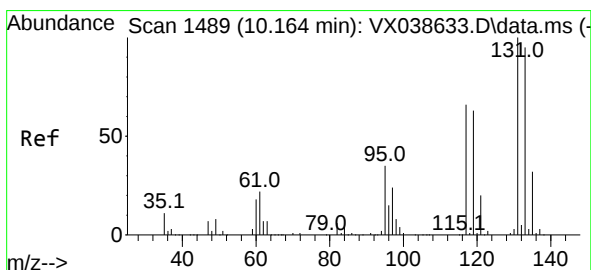
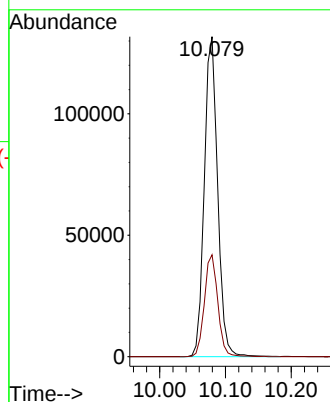
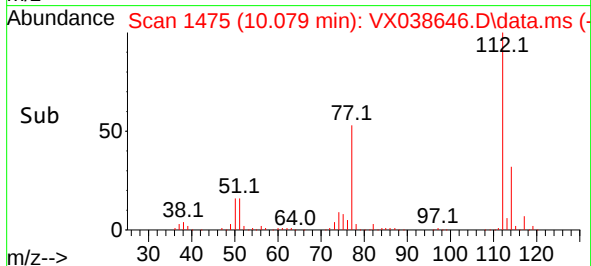
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



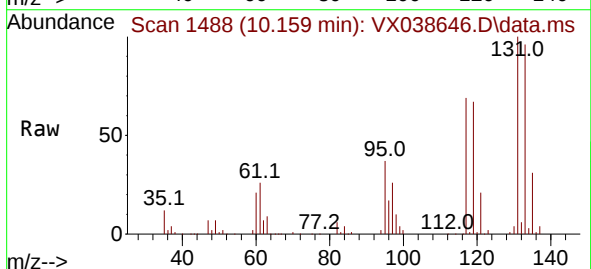
Tgt Ion:112 Resp: 185874
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

Manual Integrations
APPROVED

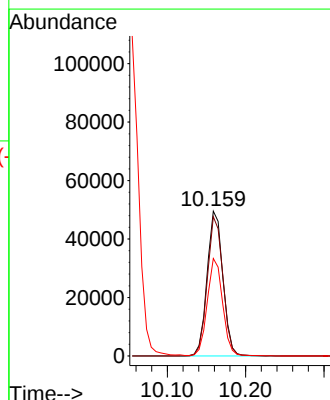
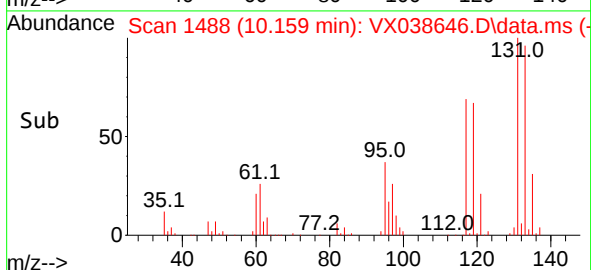
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

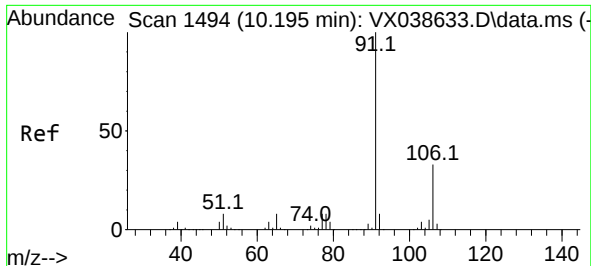


#66
1,1,1,2-Tetrachloroethane
Concen: 18.913 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26



Tgt Ion:131 Resp: 69161
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 65.8 32.2 96.6





#67

Ethyl Benzene

Concen: 18.968 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 91 Resp: 31210

Ion Ratio Lower Upper

91 100

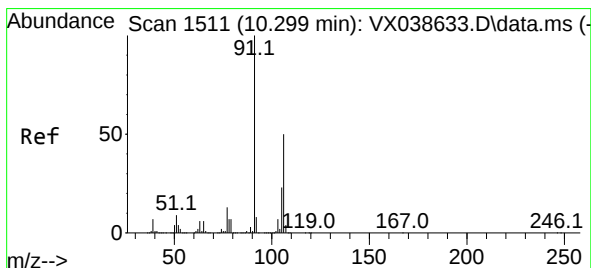
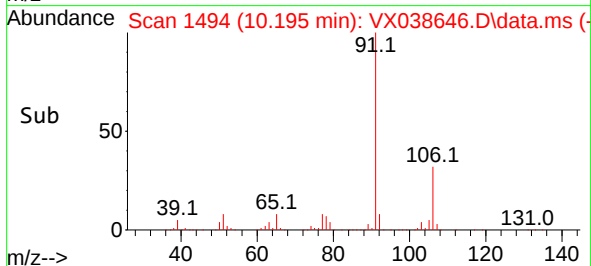
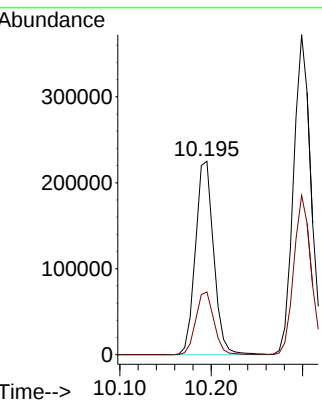
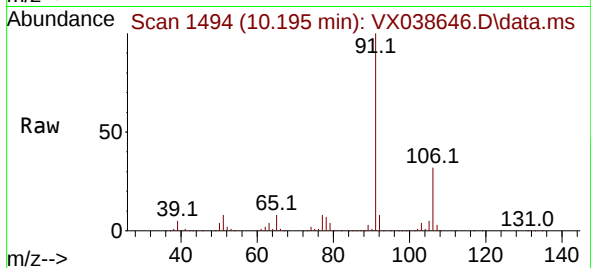
106 32.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#68

m/p-Xylenes

Concen: 37.829 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038646.D

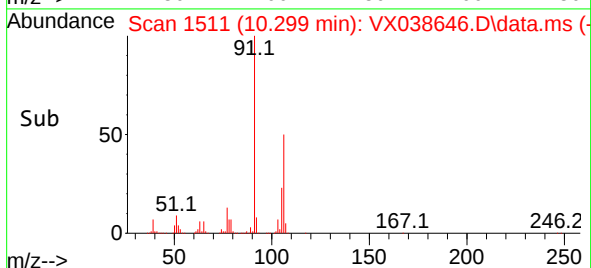
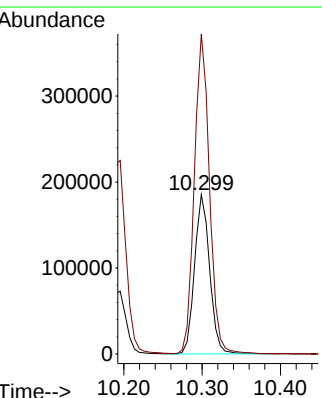
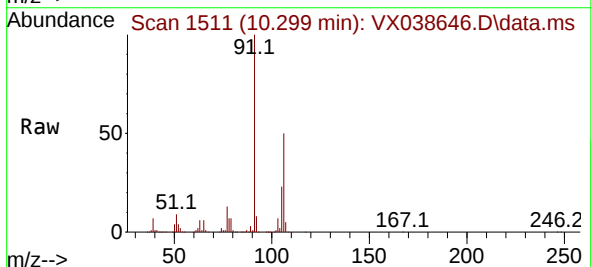
Acq: 08 Nov 2023 11:26

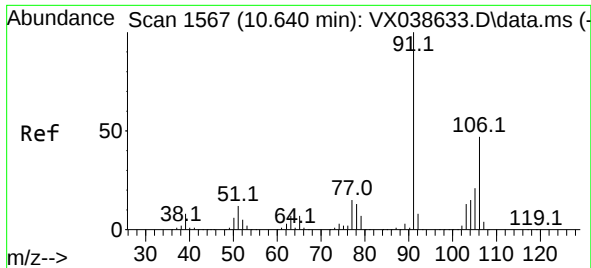
Tgt Ion:106 Resp: 247040

Ion Ratio Lower Upper

106 100

91 201.7 165.5 248.3





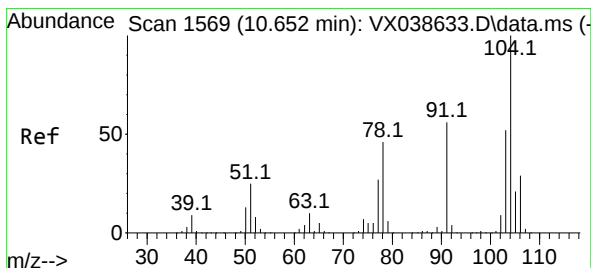
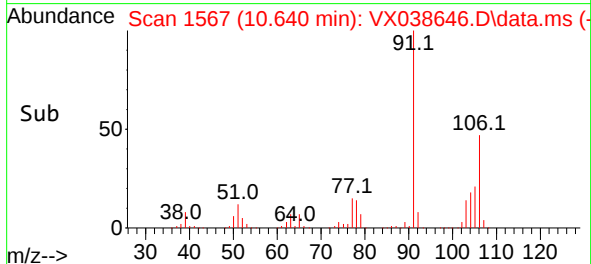
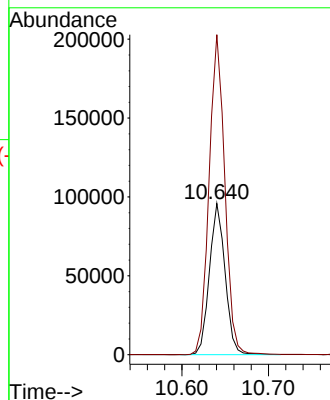
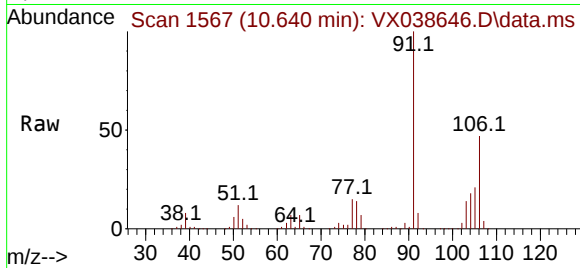
#69
o-Xylene
Concen: 18.975 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tgt Ion:106 Resp: 120504
Ion Ratio Lower Upper
106 100
91 212.1 108.9 326.8

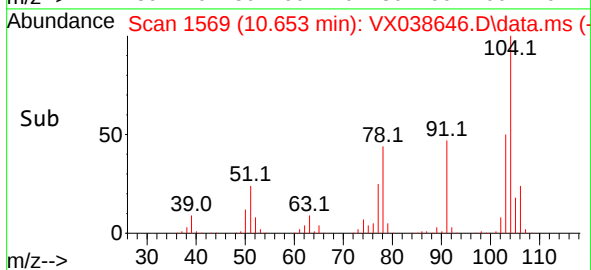
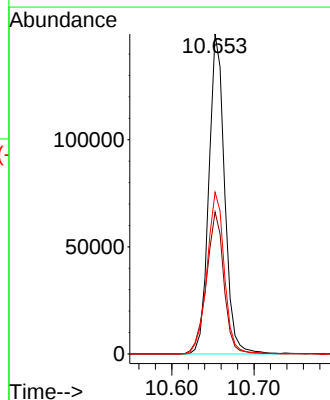
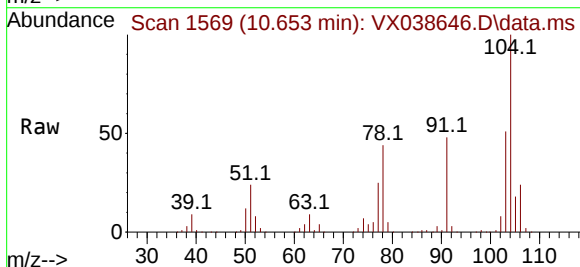
Manual Integrations
APPROVED

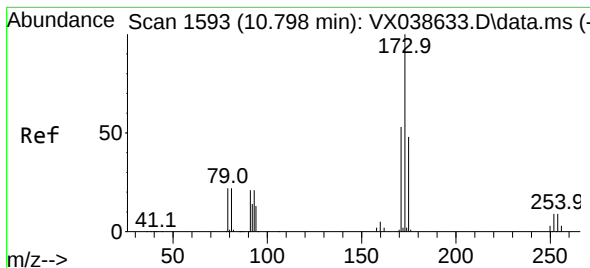
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#70
Styrene
Concen: 19.019 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

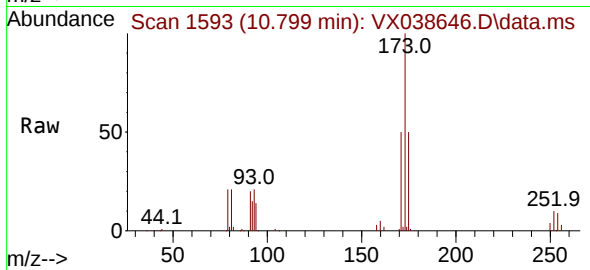
Tgt Ion:104 Resp: 199346
Ion Ratio Lower Upper
104 100
78 49.2 43.6 65.4
103 55.5 43.6 65.4





#71
Bromoform
Concen: 18.345 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

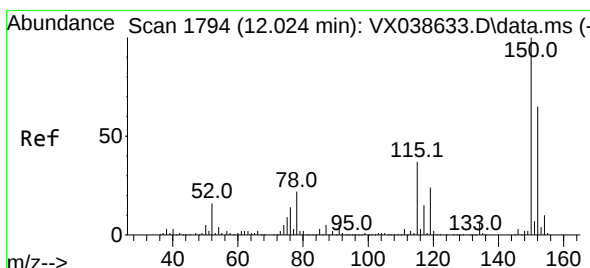
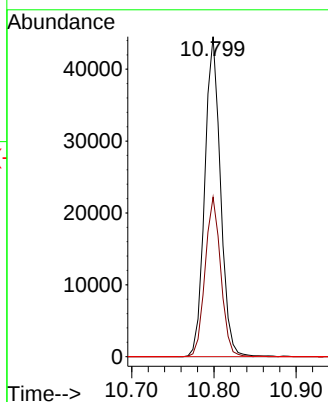
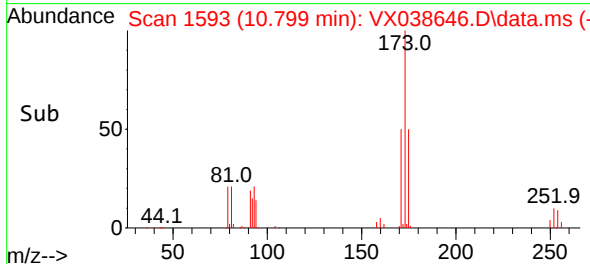
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



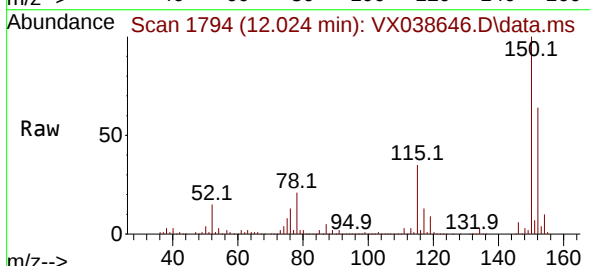
Tgt Ion:173 Resp: 5921
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

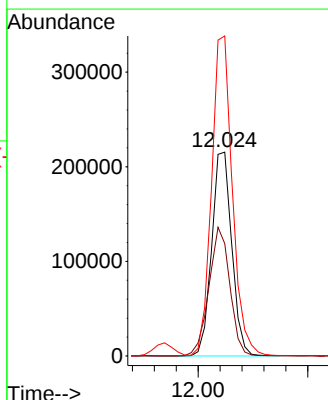
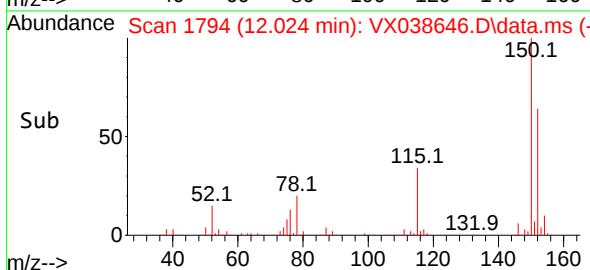
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

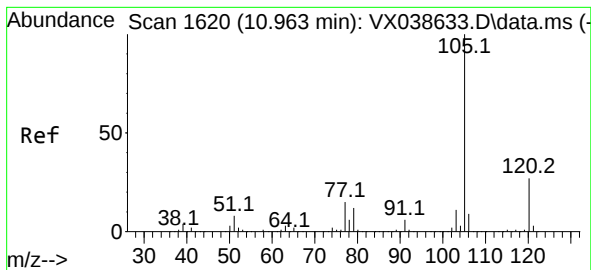


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26



Tgt Ion:152 Resp: 274384
Ion Ratio Lower Upper
152 100
115 65.9 43.3 129.9
150 162.7 0.0 345.0





#73

Isopropylbenzene

Concen: 18.864 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion:105 Resp: 31754

Ion Ratio Lower Upper

105 100

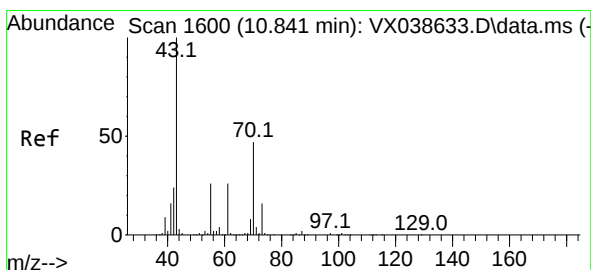
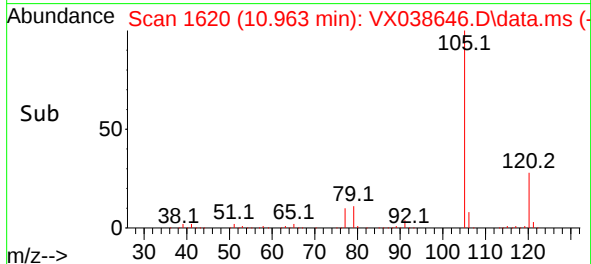
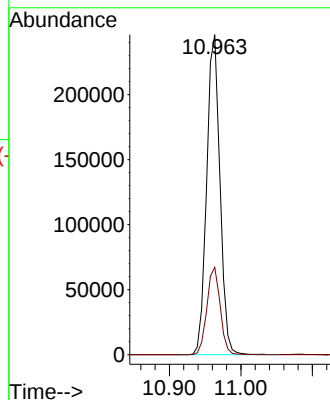
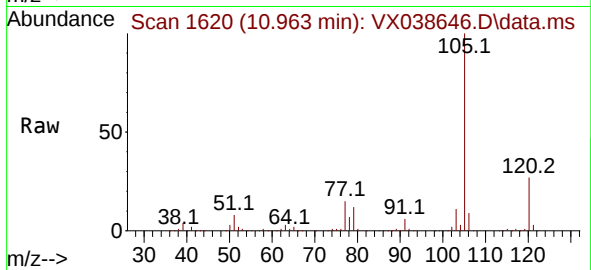
120 27.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#74

N-ethyl acetate

Concen: 19.128 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Tgt Ion: 43 Resp: 111875

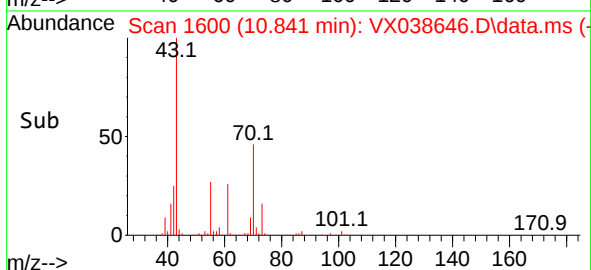
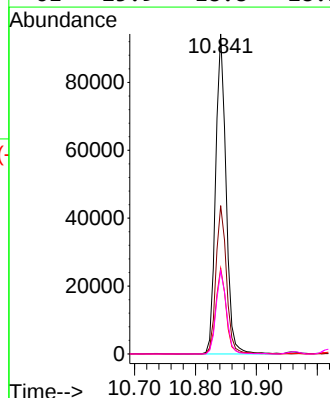
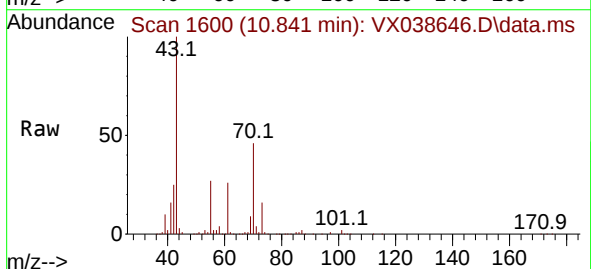
Ion Ratio Lower Upper

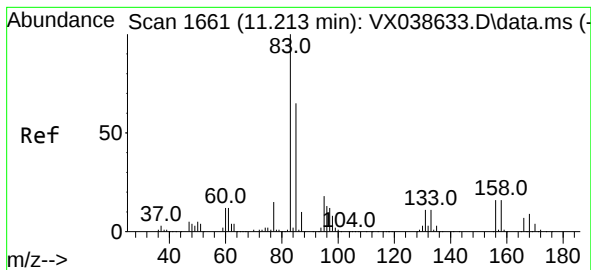
43 100

70 46.8 32.9 49.3

55 26.7 19.3 28.9

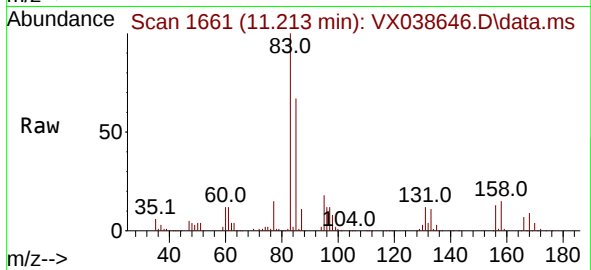
61 25.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.831 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

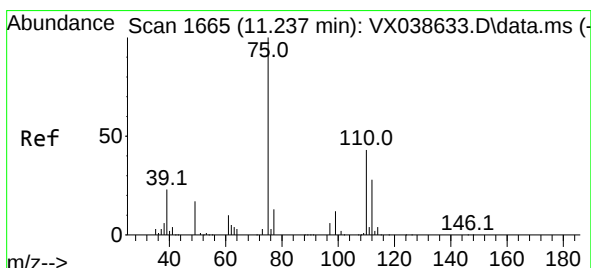
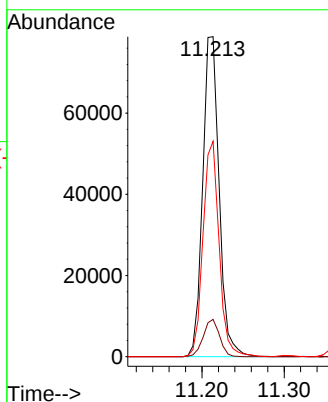
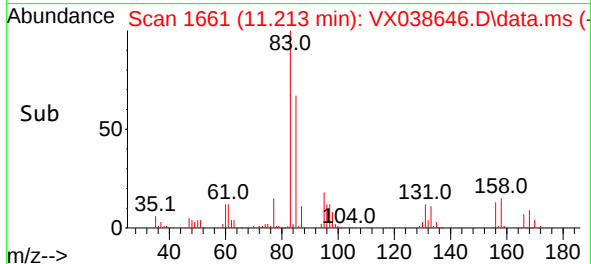
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



Tgt Ion: 83 Resp: 109589
Ion Ratio Lower Upper
83 100
131 11.5 5.3 15.8
85 65.9 32.0 96.2

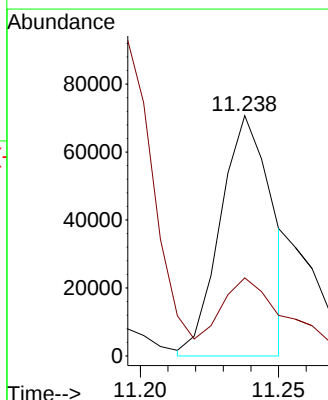
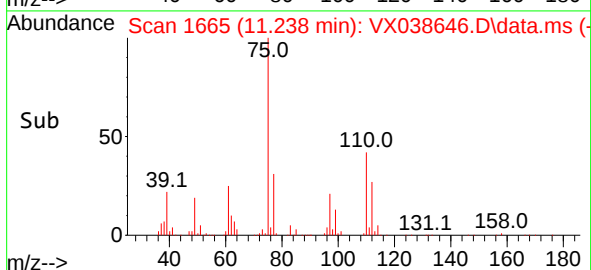
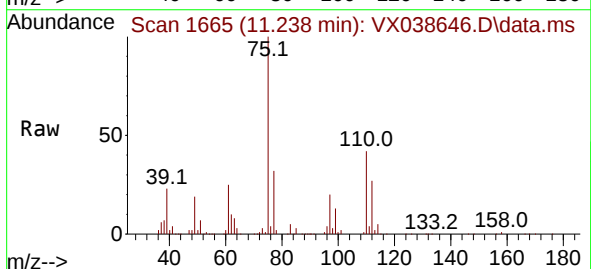
Manual Integrations
APPROVED

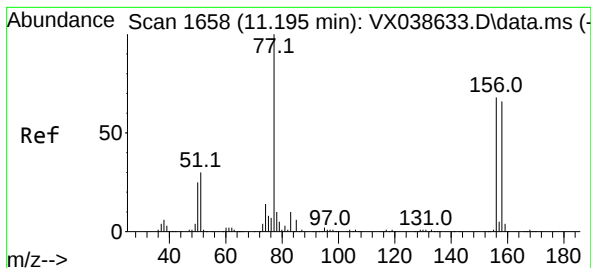
Reviewed By :John Carbone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#76
1,2,3-Trichloropropane
Concen: 16.804 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion: 75 Resp: 91313
Ion Ratio Lower Upper
75 100
77 42.8 19.1 57.5





#77

Bromobenzene

Concen: 18.440 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

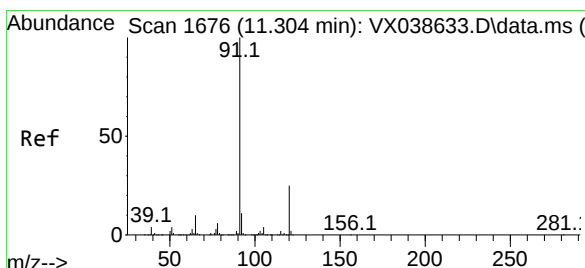
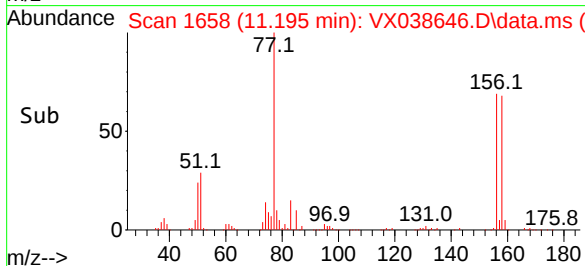
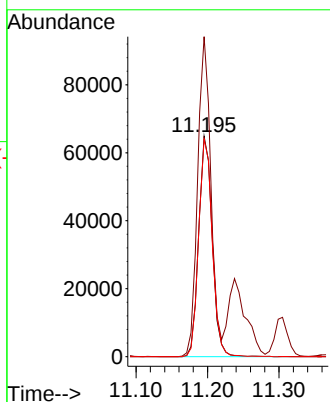
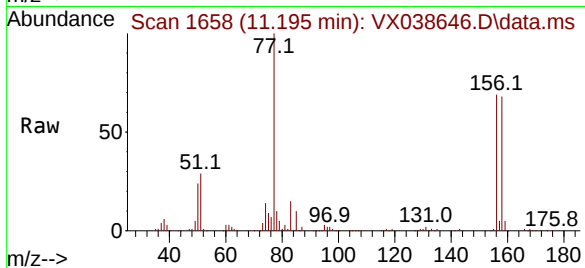
Tgt Ion:	156	Resp:	85192
Ion Ratio	Lower	Upper	
156	100		
77	141.9	88.4	265.3
158	99.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#78

n-propylbenzene

Concen: 18.993 ug/l

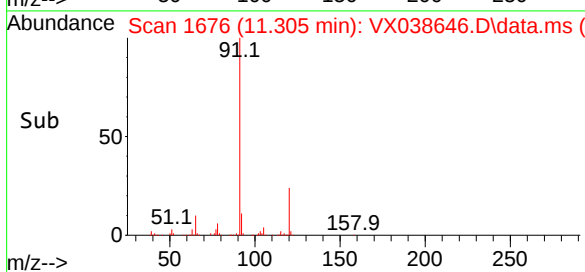
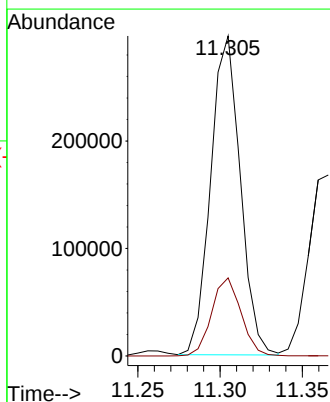
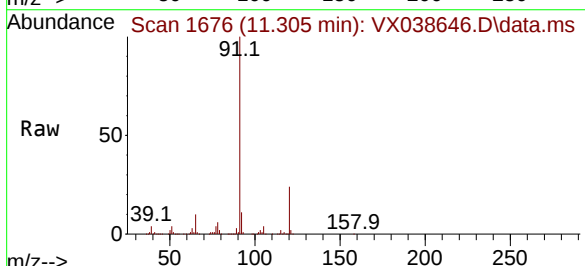
RT: 11.305 min Scan# 1676

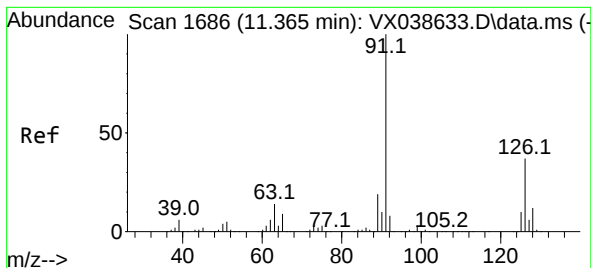
Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Tgt Ion:	91	Resp:	372052
Ion Ratio	Lower	Upper	
91	100		
120	24.3	11.5	34.4





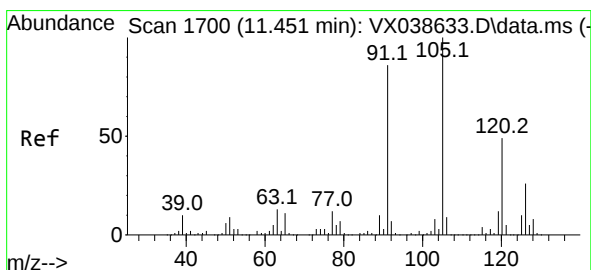
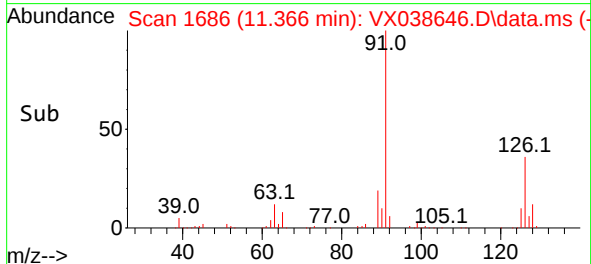
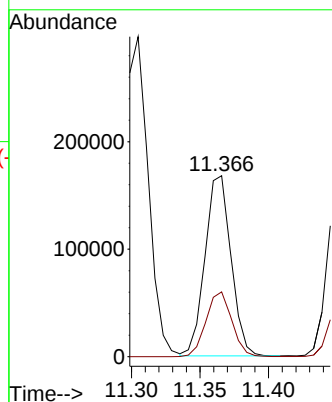
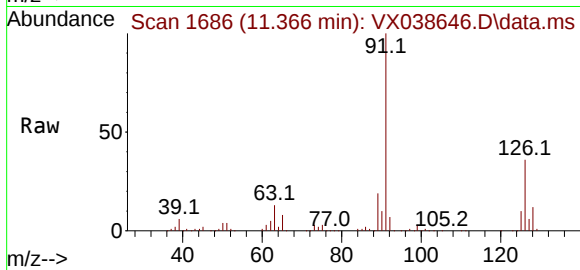
#79
2-Chlorotoluene
Concen: 18.899 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tgt Ion: 91 Resp: 22164
Ion Ratio Lower Upper
91 100
126 35.8 16.3 48.8

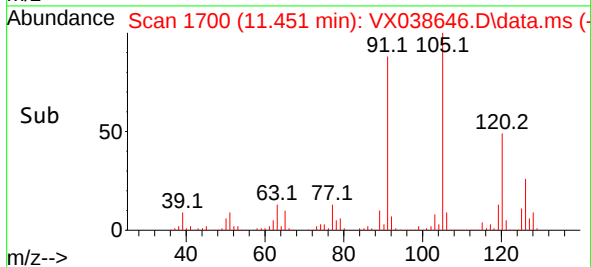
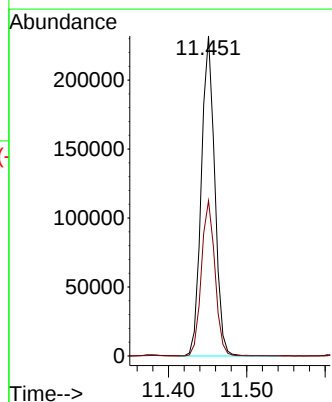
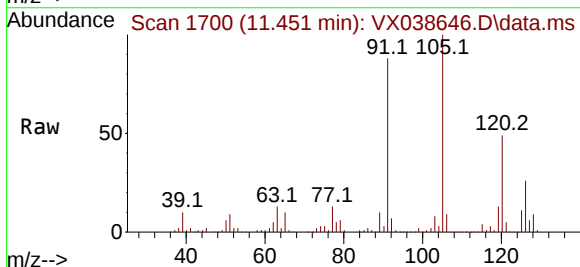
Manual Integrations
APPROVED

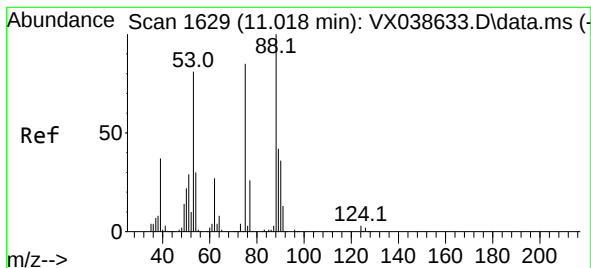
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.101 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion:105 Resp: 276721
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





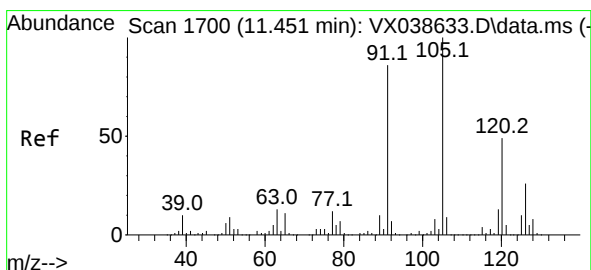
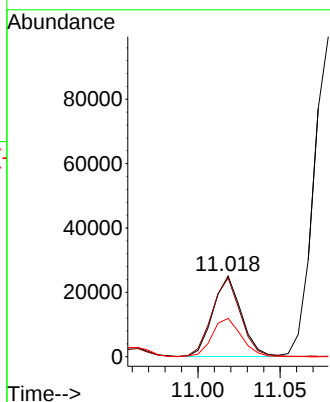
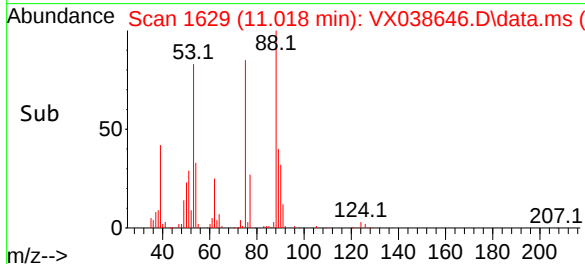
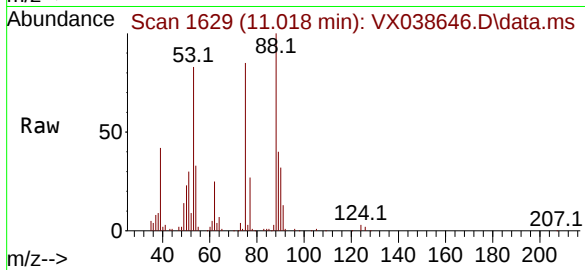
#81
trans-1,4-Dichloro-2-butene
Concen: 18.899 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tgt Ion: 75 Resp: 30058
Ion Ratio Lower Upper
75 100
53 98.0 90.5 135.7
89 49.3 36.9 55.3

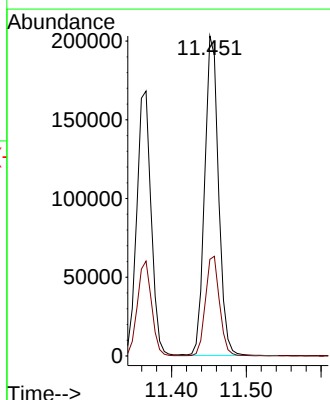
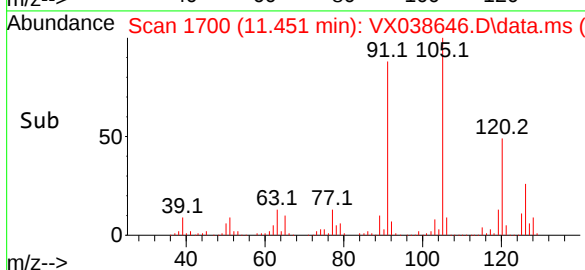
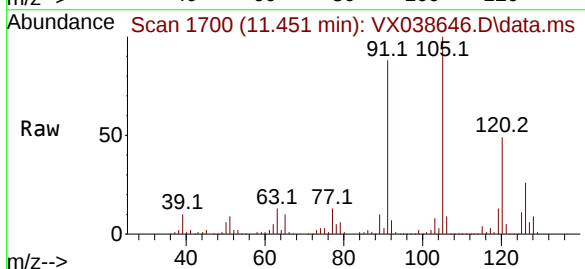
Manual Integrations
APPROVED

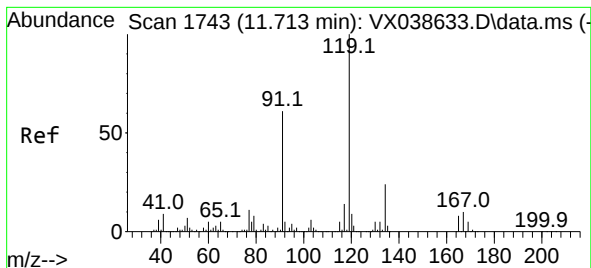
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#82
4-Chlorotoluene
Concen: 19.108 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion: 91 Resp: 261795
Ion Ratio Lower Upper
91 100
126 32.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.707 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion:119 Resp: 27461

Ion Ratio Lower Upper

119 100

91 57.4 31.2 93.6

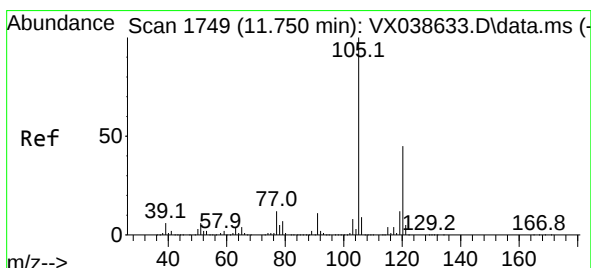
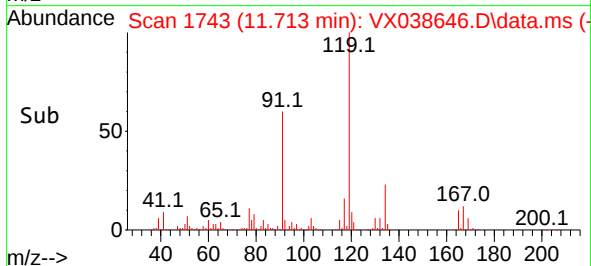
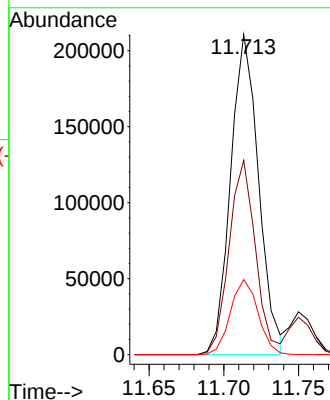
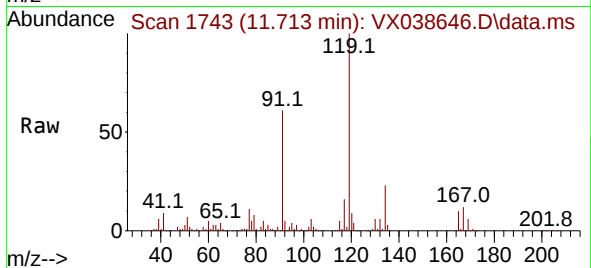
134 23.2 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.154 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038646.D

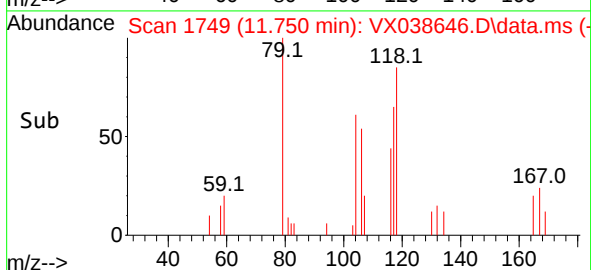
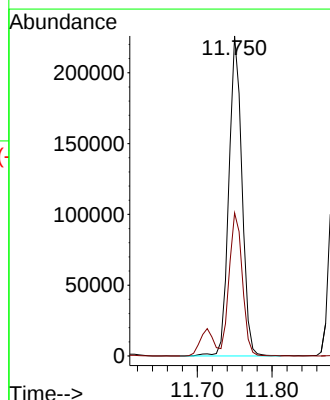
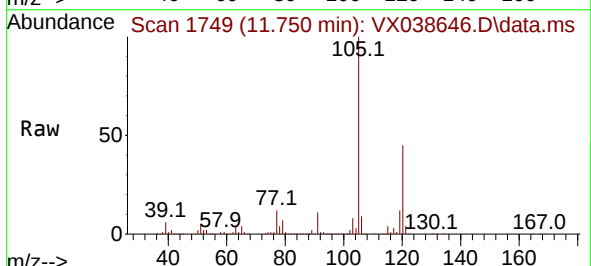
Acq: 08 Nov 2023 11:26

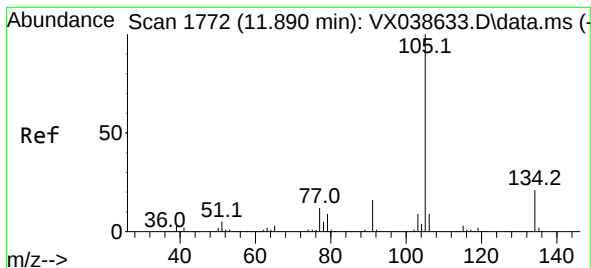
Tgt Ion:105 Resp: 275229

Ion Ratio Lower Upper

105 100

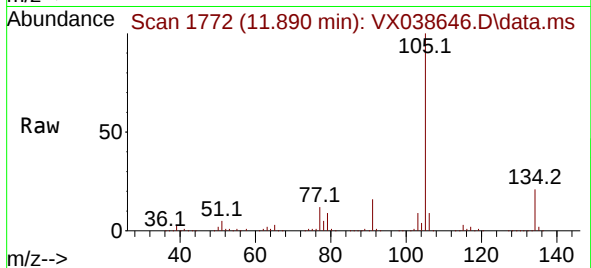
120 44.9 21.2 63.6





#85
sec-Butylbenzene
Concen: 18.834 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

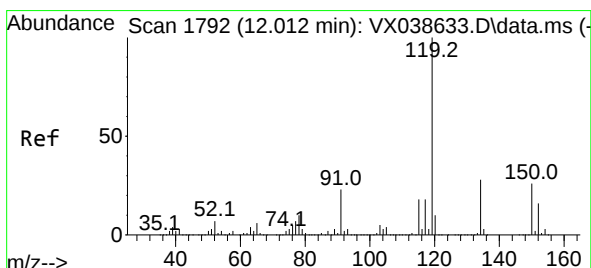
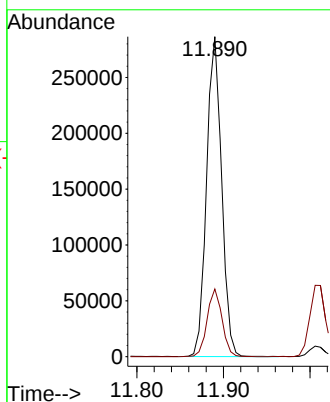
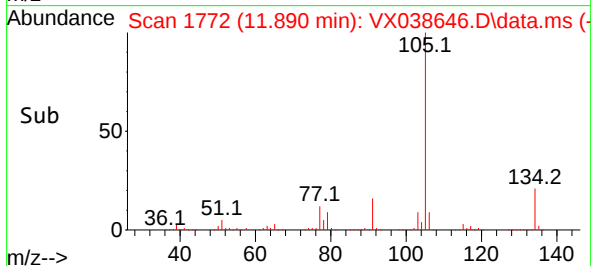
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



Tgt Ion:105 Resp: 344989
Ion Ratio Lower Upper
105 100
134 21.0 9.8 29.4

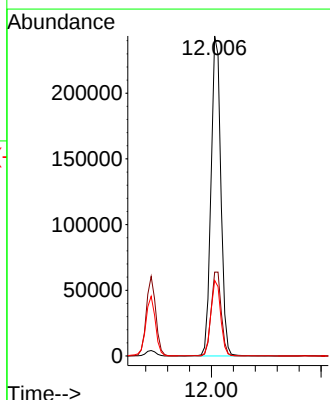
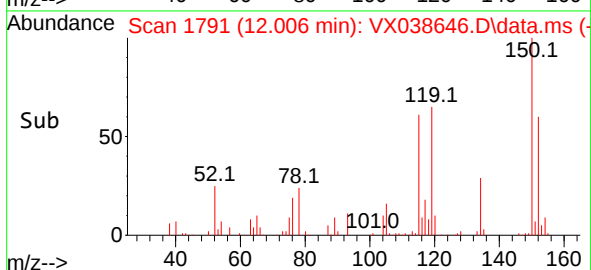
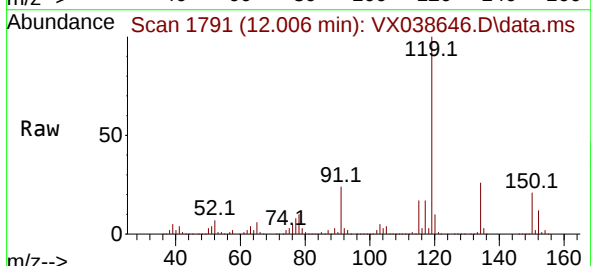
Manual Integrations
APPROVED

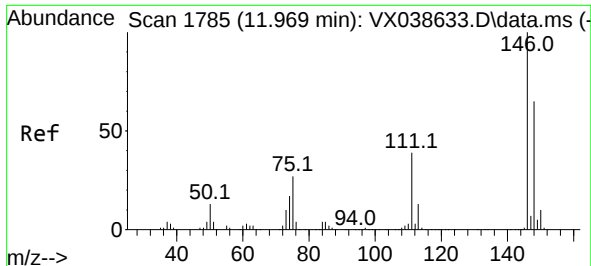
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#86
p-Isopropyltoluene
Concen: 19.274 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion:119 Resp: 300758
Ion Ratio Lower Upper
119 100
134 27.0 12.8 38.3
91 23.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.540 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion:146 Resp: 163759

Ion Ratio Lower Upper

146 100

111 40.0 22.1 66.1

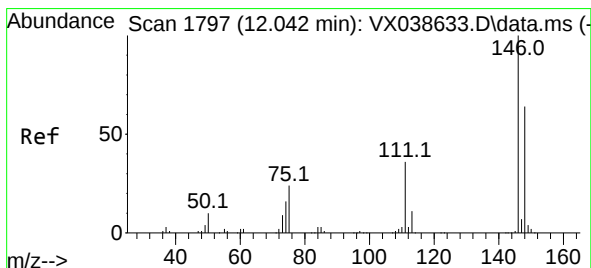
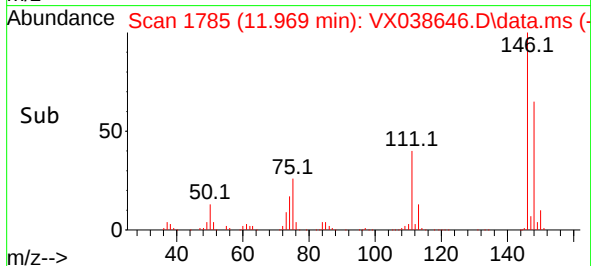
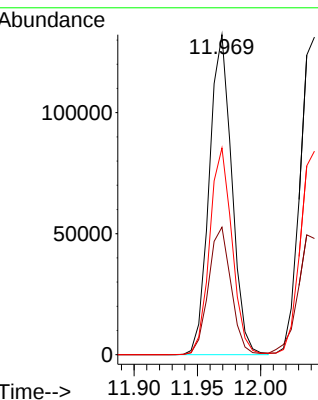
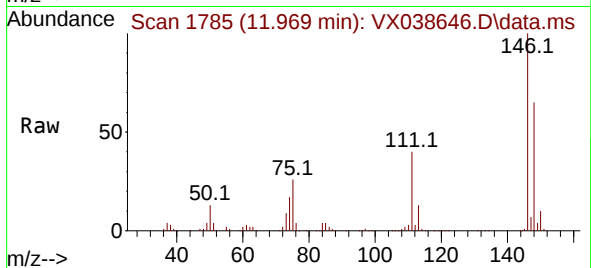
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#88

1,4-Dichlorobenzene

Concen: 18.533 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

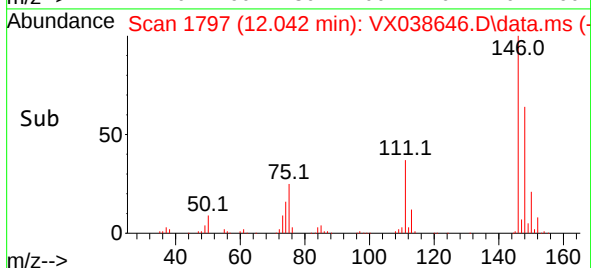
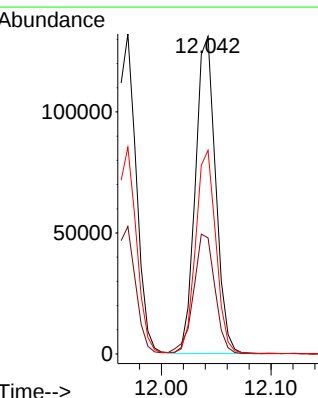
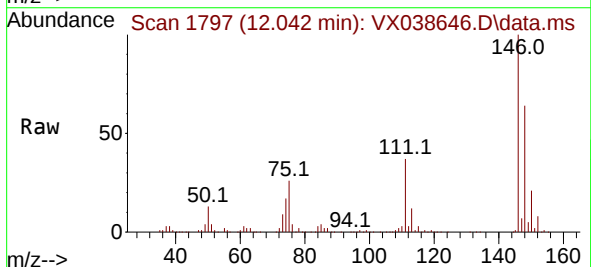
Tgt Ion:146 Resp: 168261

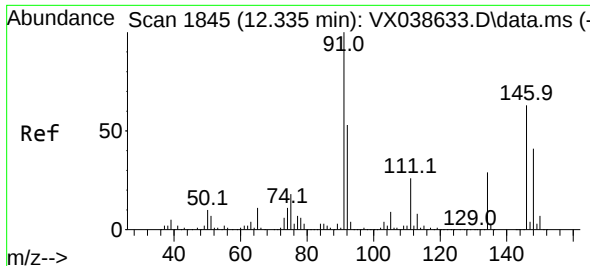
Ion Ratio Lower Upper

146 100

111 40.0 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 18.842 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

Tgt Ion: 91 Resp: 26164

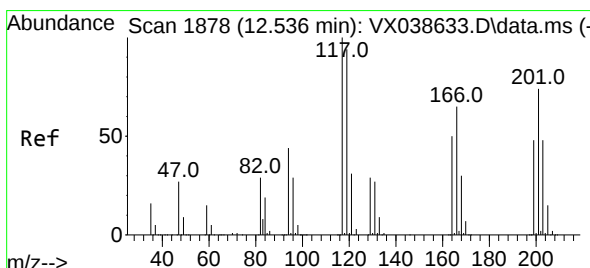
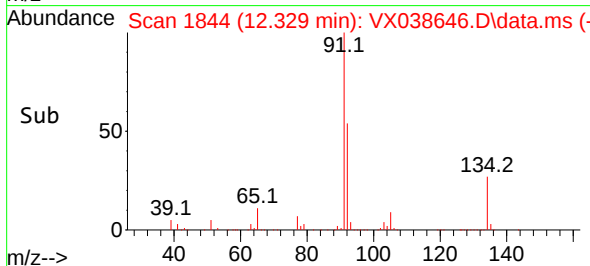
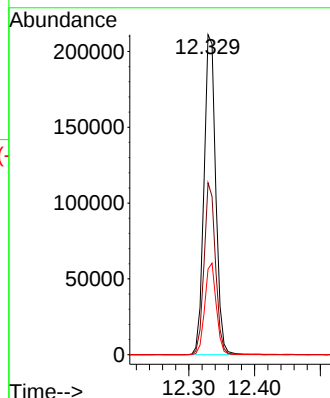
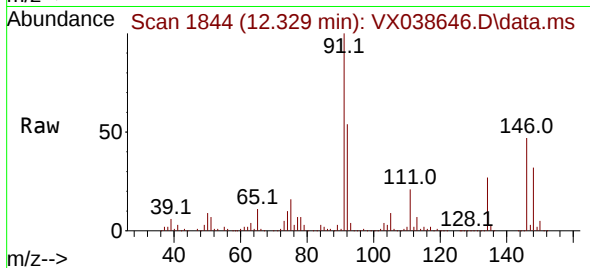
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.4	82.0
134	28.1	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#90

Hexachloroethane

Concen: 18.081 ug/l

RT: 12.536 min Scan# 1878

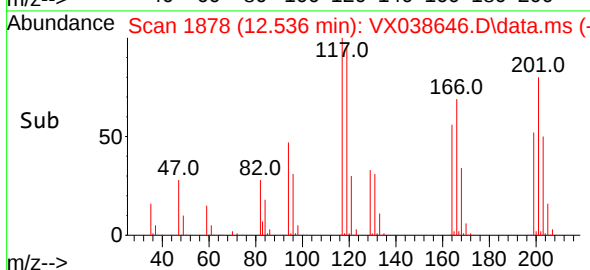
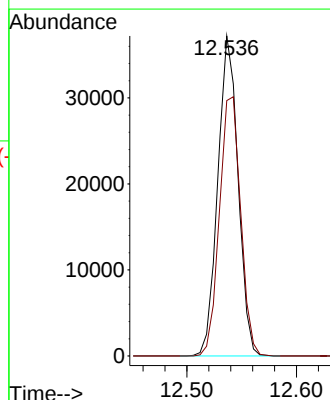
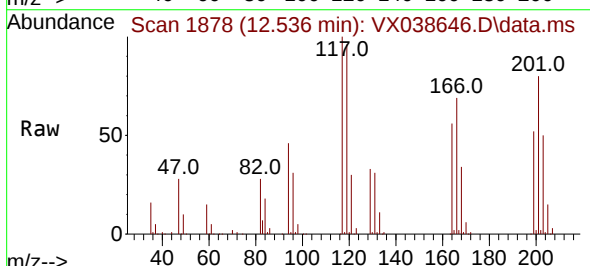
Delta R.T. 0.000 min

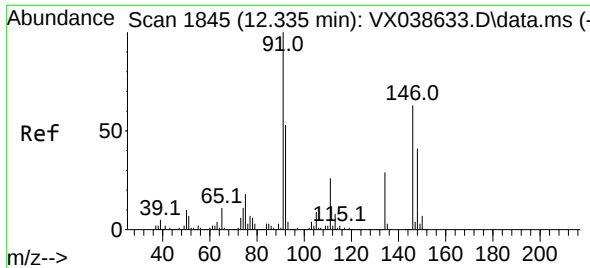
Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Tgt Ion:117 Resp: 47791

Ion	Ratio	Lower	Upper
117	100		
201	84.8	32.9	98.6





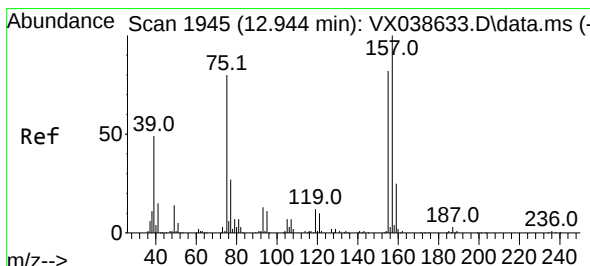
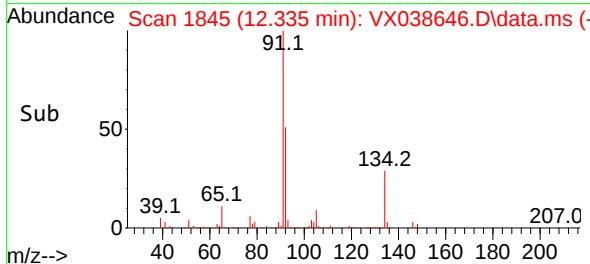
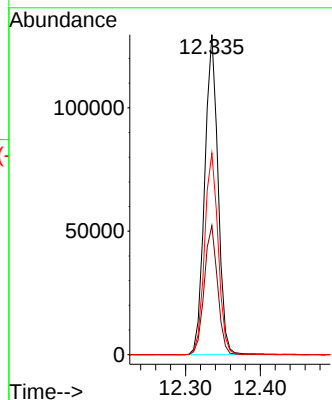
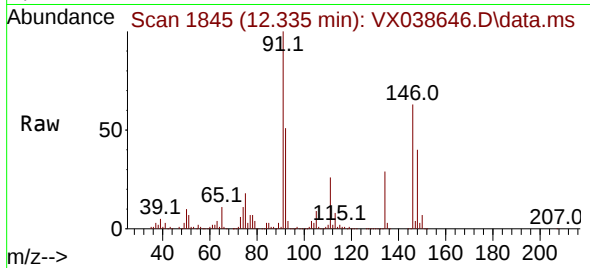
#91
1,2-Dichlorobenzene
Concen: 18.586 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01

Tgt Ion:146 Resp: 160324
Ion Ratio Lower Upper
146 100
111 40.4 22.4 67.0
148 64.2 31.6 95.0

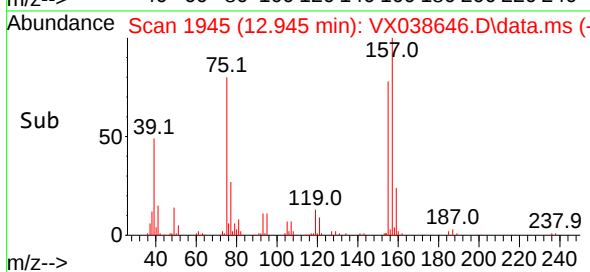
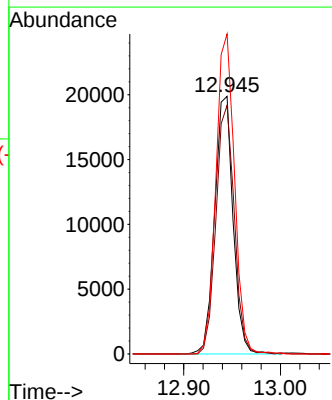
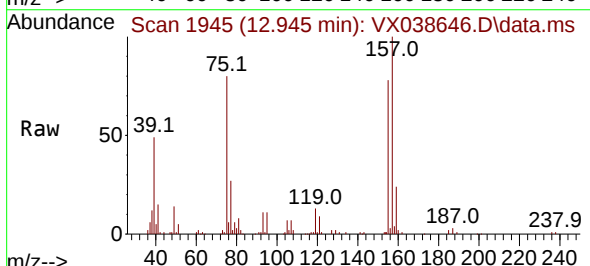
Manual Integrations
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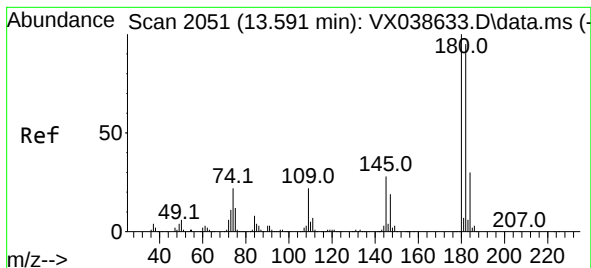
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.917 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion: 75 Resp: 26206
Ion Ratio Lower Upper
75 100
155 96.1 36.1 108.5
157 125.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.966 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBSD01

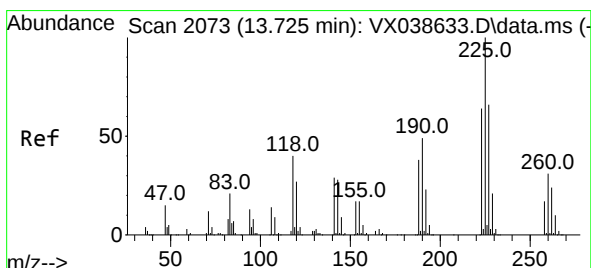
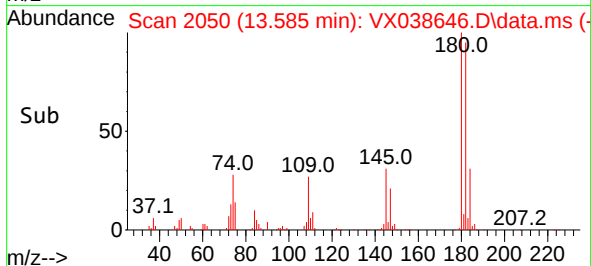
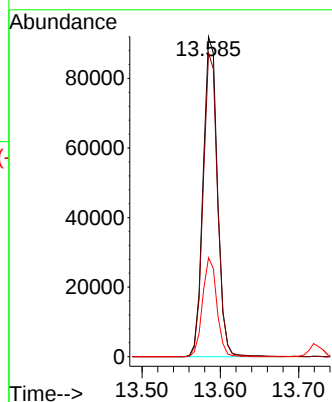
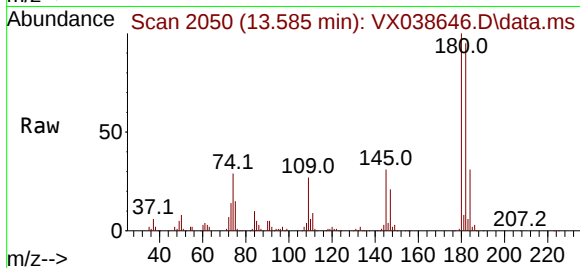
Tgt Ion:180	Resp:	117018
Ion Ratio	Lower	Upper
180	100	
182	94.9	48.3 144.8
145	30.7	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#94

Hexachlorobutadiene

Concen: 18.343 ug/l

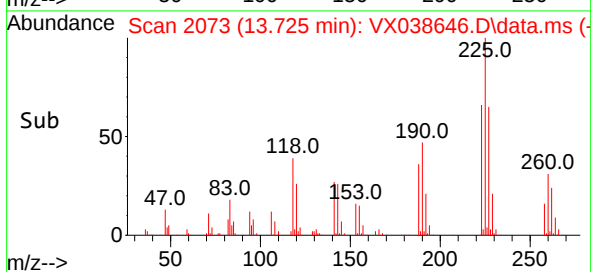
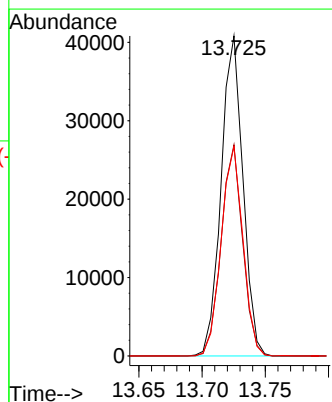
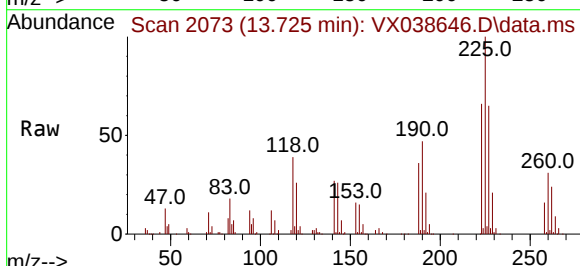
RT: 13.725 min Scan# 2073

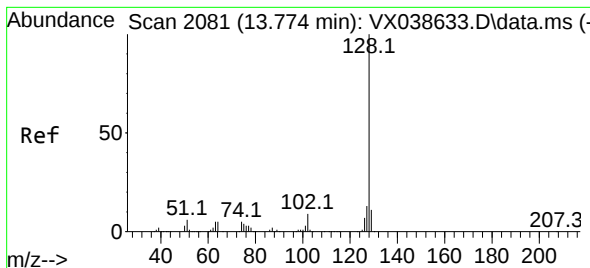
Delta R.T. 0.000 min

Lab File: VX038646.D

Acq: 08 Nov 2023 11:26

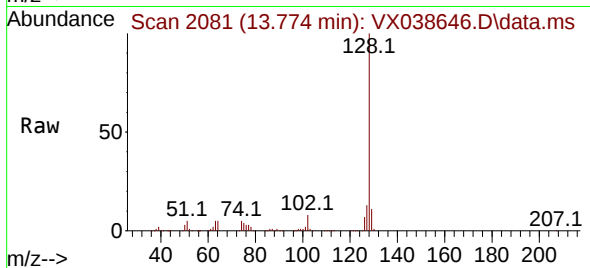
Tgt Ion:225	Resp:	48834
Ion Ratio	Lower	Upper
225	100	
223	64.8	31.1 93.2
227	65.3	32.5 97.5





#95
Naphthalene
Concen: 19.540 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

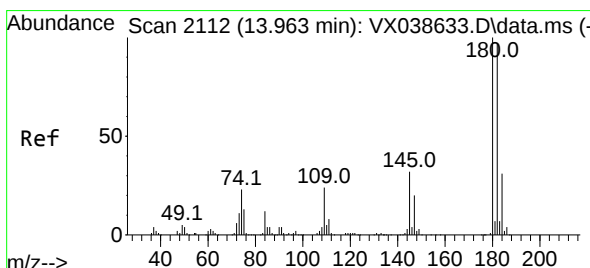
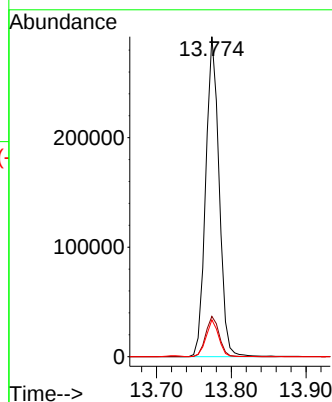
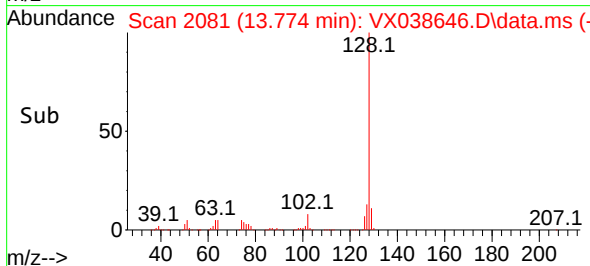
Instrument :
MSVOA_X
ClientSampleId :
VX1108WBSD01



Tgt Ion:128 Resp: 363658
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.902 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038646.D
Acq: 08 Nov 2023 11:26

Tgt Ion:180 Resp: 114949
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 32.4 17.8 53.5

