

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038667.D
 Acq On : 08 Nov 2023 19:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 09 01:22:53 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	289273	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	441133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	250087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178756	49.636	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.280%		
35) Dibromofluoromethane	5.385	113	160202	50.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.840%		
50) Toluene-d8	8.647	98	560121	49.267	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.540%		
62) 4-Bromofluorobenzene	11.079	95	220957	50.127	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	150132	49.976	ug/l	99
3) Chloromethane	1.300	50	127155	48.972	ug/l	99
4) Vinyl Chloride	1.374	62	137270	49.661	ug/l	98
5) Bromomethane	1.599	94	107443	50.360	ug/l	97
6) Chloroethane	1.685	64	88251	50.424	ug/l	99
7) Trichlorofluoromethane	1.886	101	243587	51.115	ug/l	100
8) Diethyl Ether	2.136	74	83857	51.260	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	139583	49.538	ug/l	89
10) Methyl Iodide	2.453	142	203240	58.404	ug/l	92
11) Tert butyl alcohol	2.959	59	180331	244.945	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	134892	49.967	ug/l	# 78
13) Acrolein	2.233	56	136529	244.680	ug/l	99
14) Allyl chloride	2.666	41	192512	49.787	ug/l	# 95
15) Acrylonitrile	3.062	53	409600	263.627	ug/l	99
16) Acetone	2.380	43	362338	238.898	ug/l	91
17) Carbon Disulfide	2.514	76	340688	47.494	ug/l	99
18) Methyl Acetate	2.703	43	338199	52.339	ug/l	# 87
19) Methyl tert-butyl Ether	3.111	73	456837	52.917	ug/l	97
20) Methylene Chloride	2.788	84	156154	51.073	ug/l	# 82
21) trans-1,2-Dichloroethene	3.093	96	150427	51.182	ug/l	84
22) Diisopropyl ether	3.763	45	382030	52.421	ug/l	# 82
23) Vinyl Acetate	3.721	43	1387608	268.256	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	245556	50.929	ug/l	97
25) 2-Butanone	4.556	43	561713	255.656	ug/l	# 87
26) 2,2-Dichloropropane	4.477	77	190428	45.234	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	175621	51.746	ug/l	84
28) Bromochloromethane	4.897	49	113865	52.550	ug/l	# 58
29) Tetrahydrofuran	5.001	42	359916	263.289	ug/l	# 82
30) Chloroform	5.092	83	287996	50.908	ug/l	98
31) Cyclohexane	5.470	56	188932	47.402	ug/l	# 84
32) 1,1,1-Trichloroethane	5.385	97	253027	50.823	ug/l	96
36) 1,1-Dichloropropene	5.696	75	193617	49.059	ug/l	95
37) Ethyl Acetate	4.714	43	207447	51.482	ug/l	# 92
38) Carbon Tetrachloride	5.678	117	226253	51.281	ug/l	99
39) Methylcyclohexane	7.379	83	235897	47.807	ug/l	91
40) Benzene	6.037	78	580083	51.030	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	108595	52.899	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	218541	53.281	ug/l	96
43) Isopropyl Acetate	6.342	43	321844	51.953	ug/l #	92
44) Trichloroethene	7.123	130	179009	50.612	ug/l	93
45) 1,2-Dichloropropane	7.433	63	142544	51.872	ug/l	99
46) Dibromomethane	7.580	93	122198	53.173	ug/l #	87
47) Bromodichloromethane	7.824	83	223045	51.608	ug/l	97
48) Methyl methacrylate	7.690	41	160057	53.612	ug/l #	84
49) 1,4-Dioxane	7.659	88	79023	1162.716	ug/l #	83
51) 4-Methyl-2-Pentanone	8.573	43	1079021	267.338	ug/l	91
52) Toluene	8.720	92	384446	51.627	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	227516	51.707	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	242105	52.121	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	170766	54.046	ug/l	97
56) Ethyl methacrylate	9.116	69	245123	55.450	ug/l	86
57) 1,3-Dichloropropane	9.305	76	261970	53.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	596317	274.358	ug/l	90
59) 2-Hexanone	9.427	43	865761	265.098	ug/l	90
60) Dibromochloromethane	9.518	129	190728	53.774	ug/l	100
61) 1,2-Dibromoethane	9.610	107	192283	54.149	ug/l	100
64) Tetrachloroethene	9.275	164	156001	48.802	ug/l	96
65) Chlorobenzene	10.079	112	445865	51.288	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	171687	52.535	ug/l	99
67) Ethyl Benzene	10.195	91	749678	50.981	ug/l	98
68) m/p-Xylenes	10.299	106	597761	102.423	ug/l	95
69) o-Xylene	10.640	106	294306	51.855	ug/l	96
70) Styrene	10.652	104	495729	52.923	ug/l	96
71) Bromoform	10.799	173	155749	53.995	ug/l #	100
73) Isopropylbenzene	10.963	105	762412	49.692	ug/l	97
74) N-amyl acetate	10.841	43	280127	52.548	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	274000	51.658	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	223489m	45.122	ug/l	
77) Bromobenzene	11.195	156	211011	50.112	ug/l	82
78) n-propylbenzene	11.305	91	884195	49.524	ug/l	97
79) 2-Chlorotoluene	11.366	91	529566	49.542	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	666518	50.476	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	76238	48.329	ug/l	87
82) 4-Chlorotoluene	11.451	91	629169	50.384	ug/l	93
83) tert-Butylbenzene	11.713	119	667386	49.879	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	666643	50.901	ug/l	96
85) sec-Butylbenzene	11.890	105	822352	49.256	ug/l	96
86) p-Isopropyltoluene	12.006	119	716655	50.389	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	398250	49.469	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	404081	48.832	ug/l	97
89) n-Butylbenzene	12.335	91	622876	49.214	ug/l	97
90) Hexachloroethane	12.536	117	122280	50.758	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	394435	50.168	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	70221	52.675	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	282483	50.233	ug/l	95
94) Hexachlorobutadiene	13.725	225	115664	47.666	ug/l	98
95) Naphthalene	13.774	128	894655	52.742	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	276216	49.833	ug/l	98

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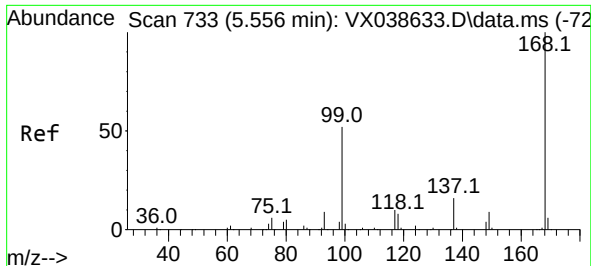
Manual Integrations
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Response via : Initial Calibration

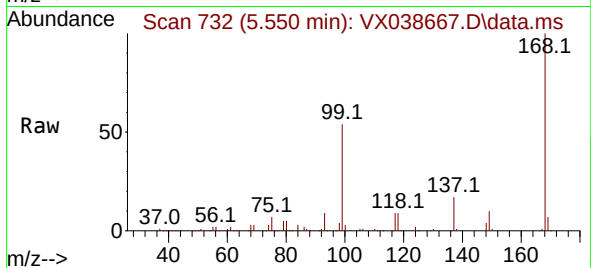
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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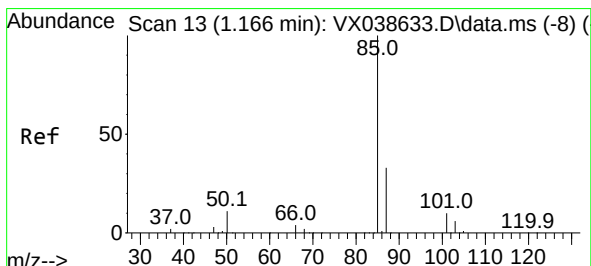
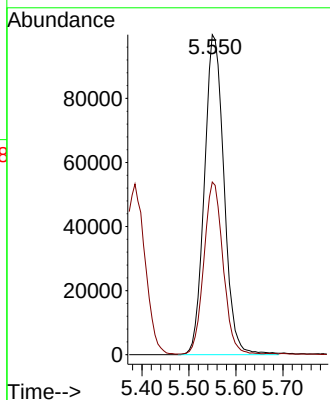
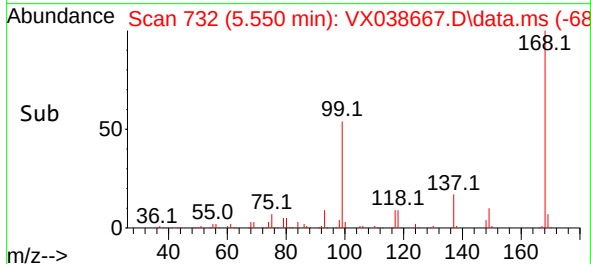
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



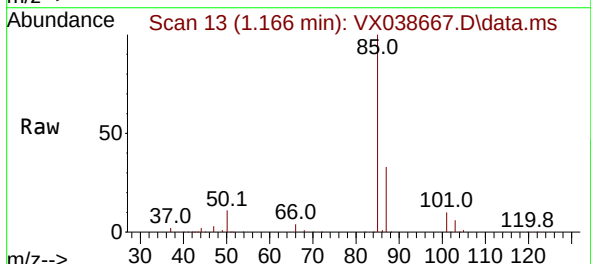
Tgt Ion:168 Resp: 28927
Ion Ratio Lower Upper
168 100
99 53.8 56.6 85.0

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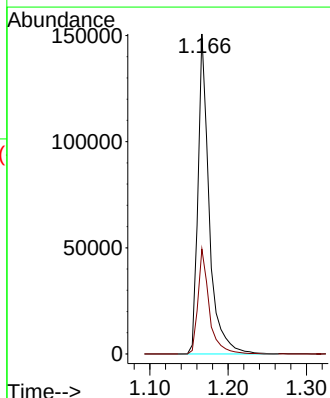
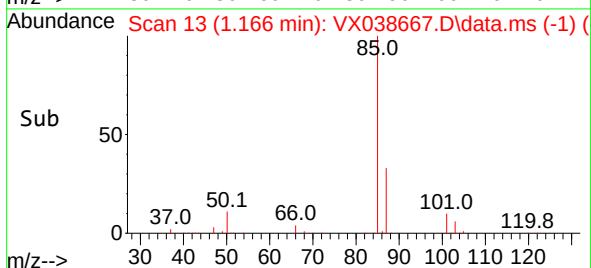
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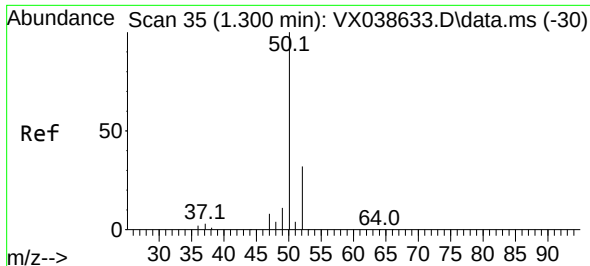


#2
Dichlorodifluoromethane
Concen: 49.976 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31



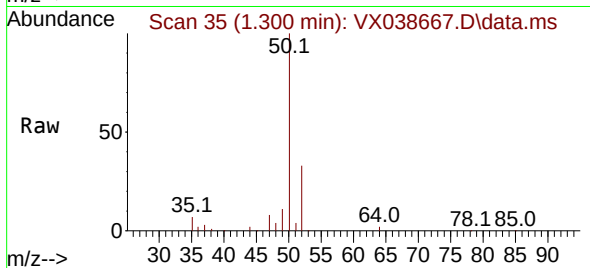
Tgt Ion: 85 Resp: 150132
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 48.972 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

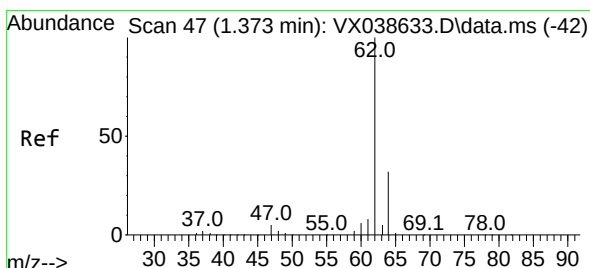
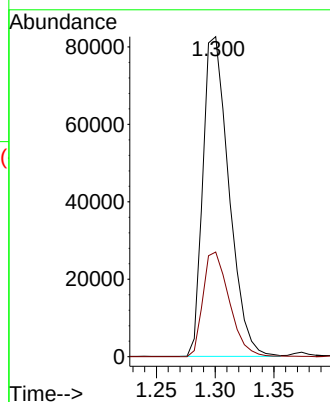
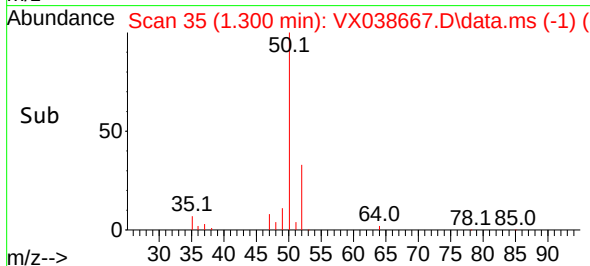
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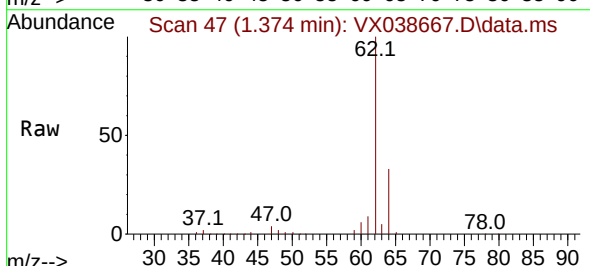
Tgt Ion: 50 Resp: 12715
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

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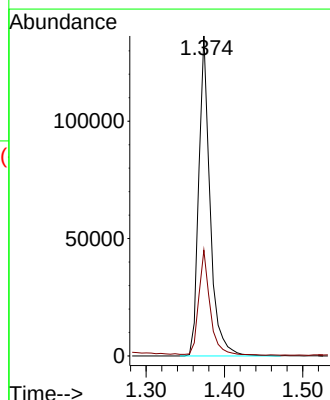
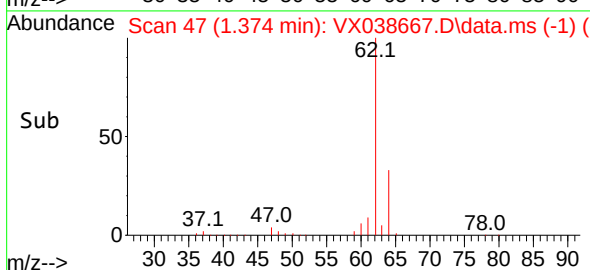
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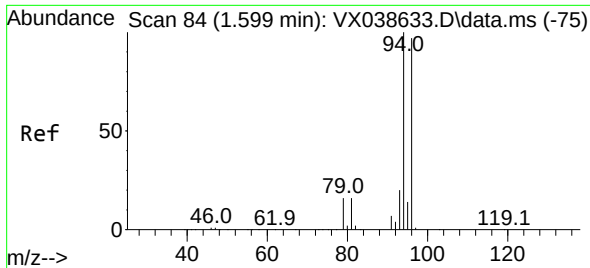


#4
Vinyl Chloride
Concen: 49.661 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31



Tgt Ion: 62 Resp: 137270
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





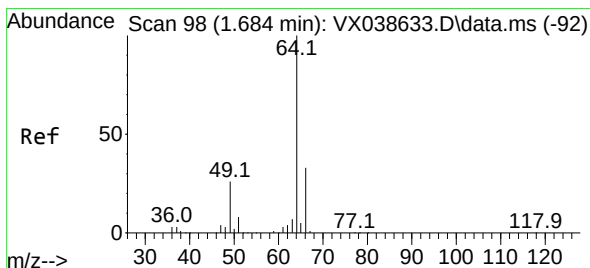
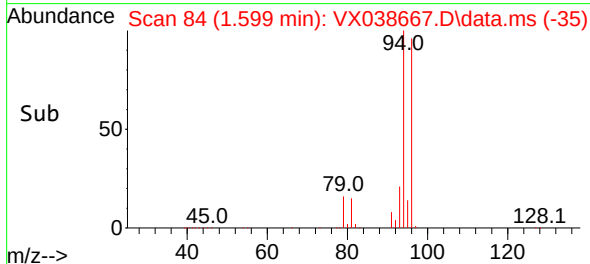
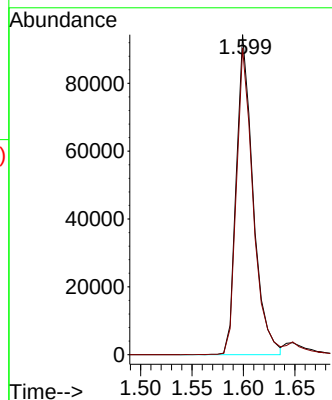
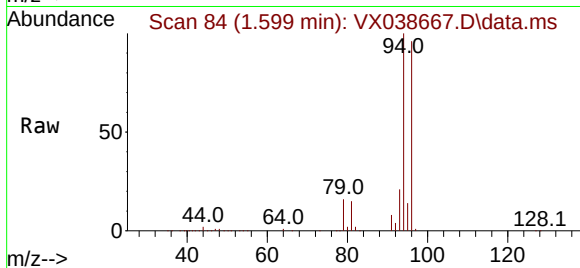
#5
Bromomethane
Concen: 50.360 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038667.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 10744
Ion Ratio Lower Upper
94 100
96 95.8 74.6 111.8

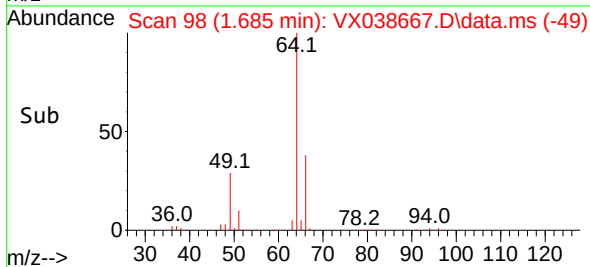
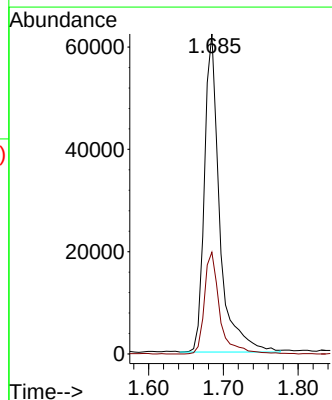
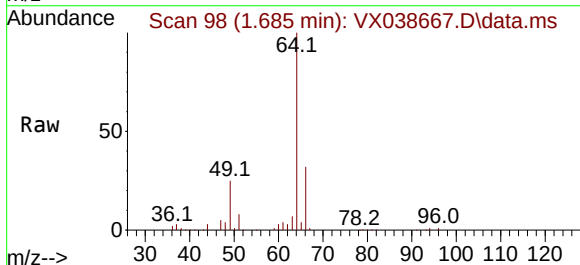
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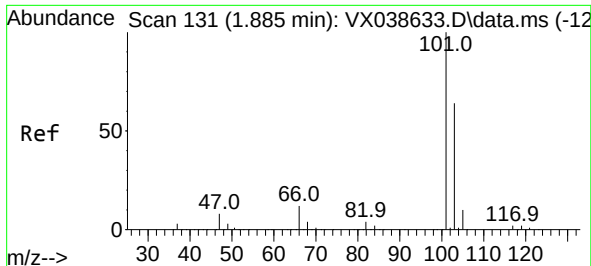
Reviewed By :John Carlone 11/09/2023
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#6
Chloroethane
Concen: 50.424 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX038667.D
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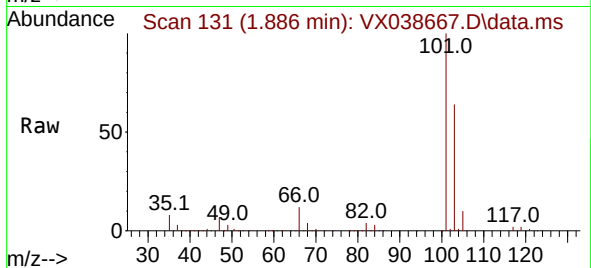
Tgt Ion: 64 Resp: 88251
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 51.115 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX038667.D
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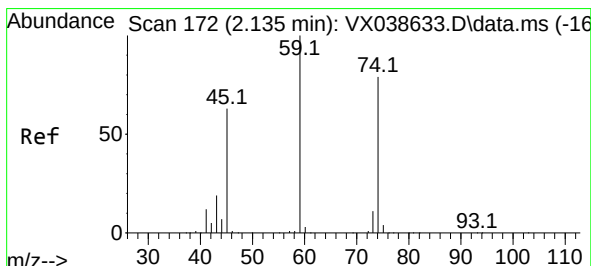
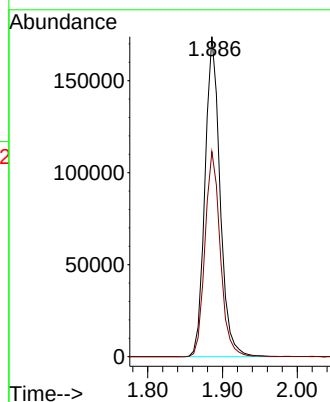
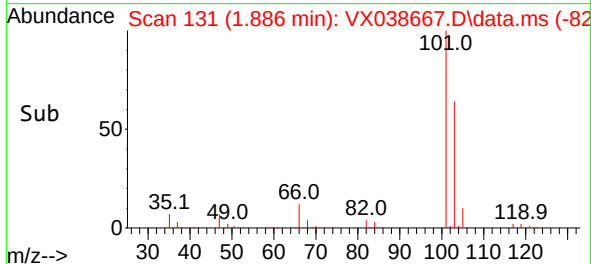
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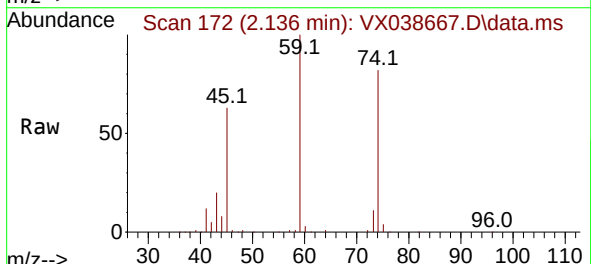
Tgt Ion:101 Resp: 24358
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

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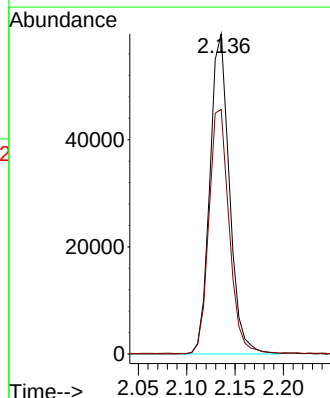
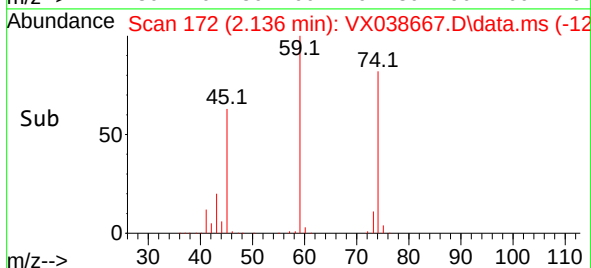
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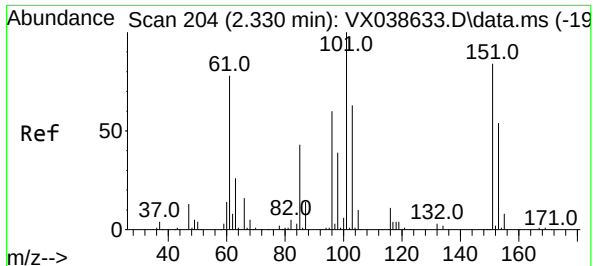


#8
Diethyl Ether
Concen: 51.260 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 83857
Ion Ratio Lower Upper
74 100
45 79.4 53.3 159.8





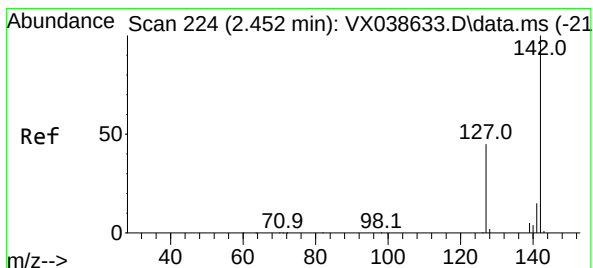
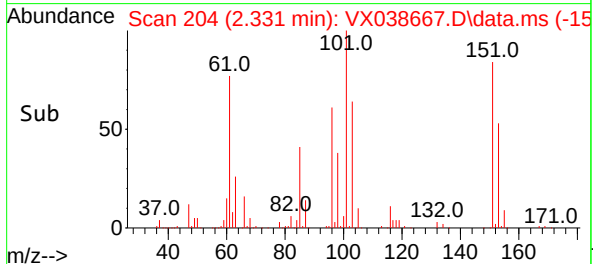
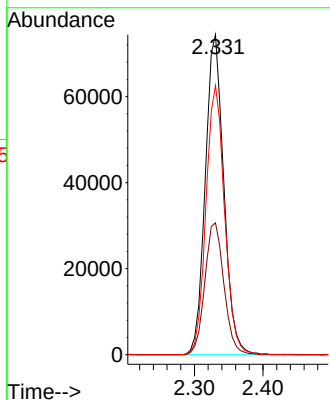
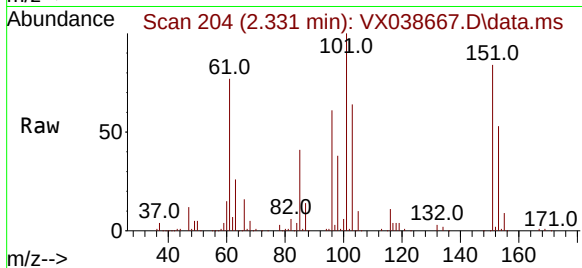
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.538 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 13958
Ion Ratio Lower Upper
101 100
85 42.5 37.0 55.6
151 84.7 58.6 87.8

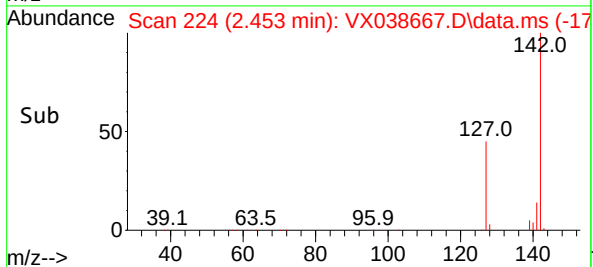
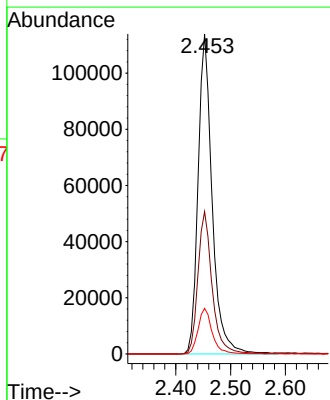
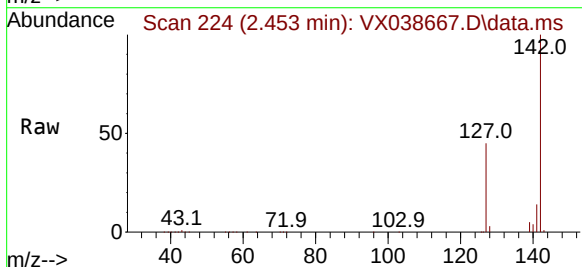
Manual Integrations
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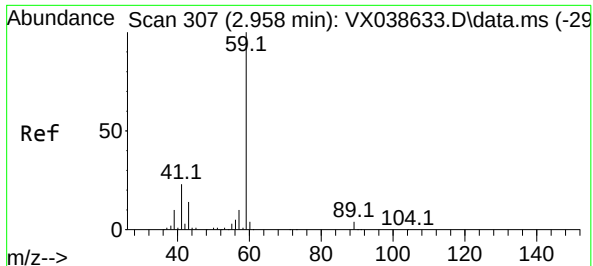
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#10
Methyl Iodide
Concen: 58.404 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion:142 Resp: 203240
Ion Ratio Lower Upper
142 100
127 45.0 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 244.945 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 18033

Ion Ratio Lower Upper

59 100

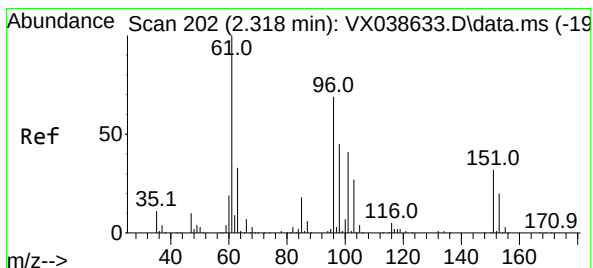
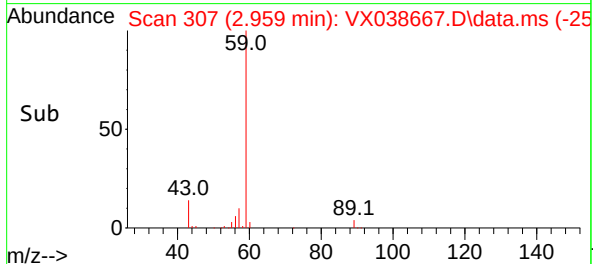
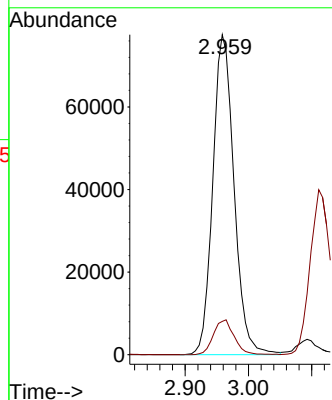
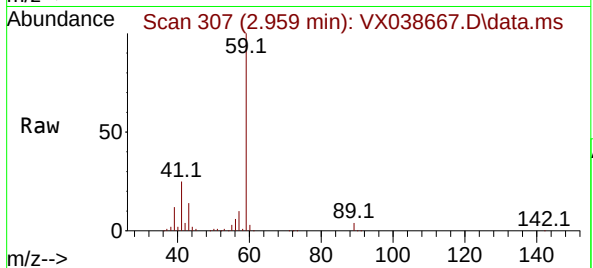
57 10.7 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#12

1,1-Dichloroethene

Concen: 49.967 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

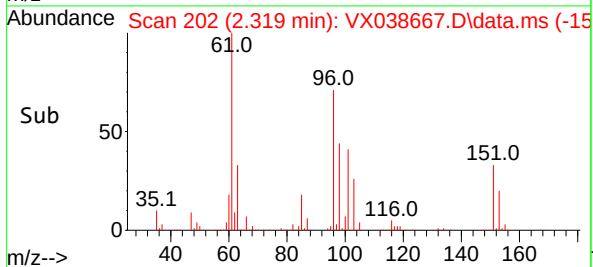
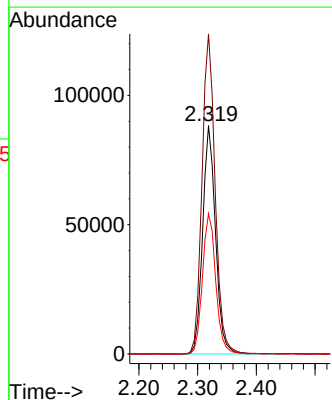
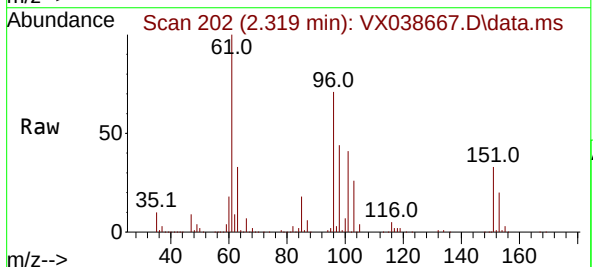
Tgt Ion: 96 Resp: 134892

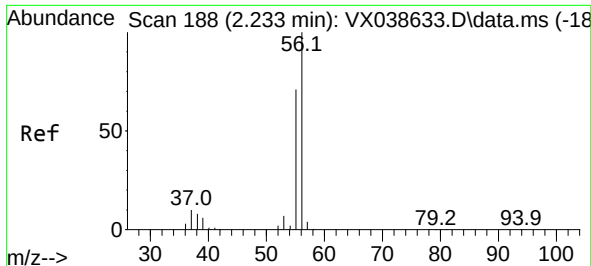
Ion Ratio Lower Upper

96 100

61 140.1 144.6 216.8

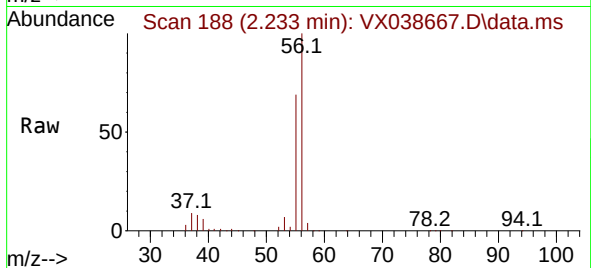
98 61.5 50.4 75.6





#13
Acrolein
Concen: 244.680 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

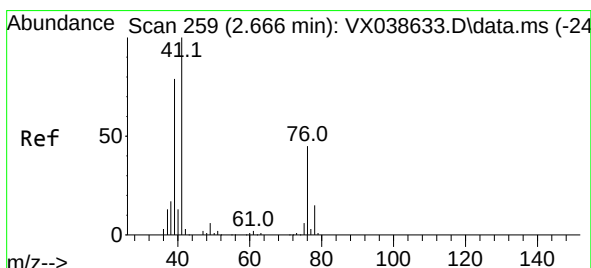
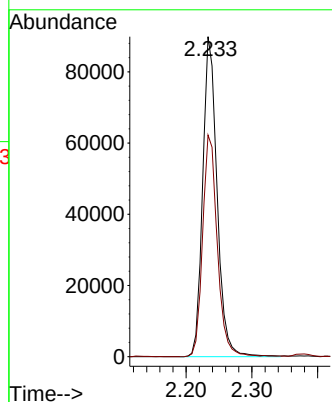
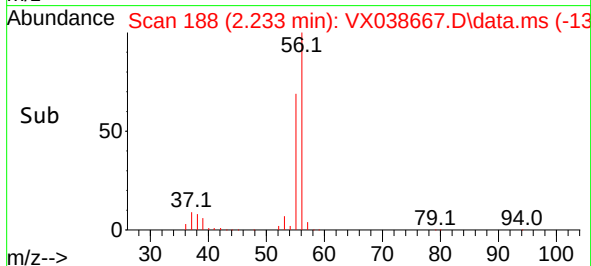
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 136529
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7

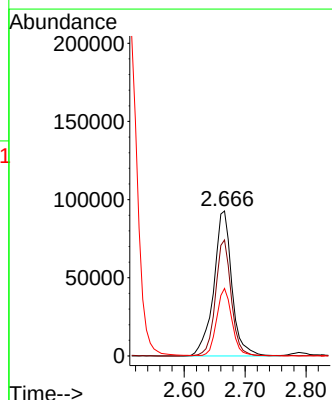
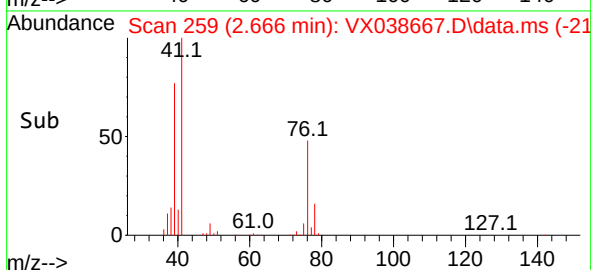
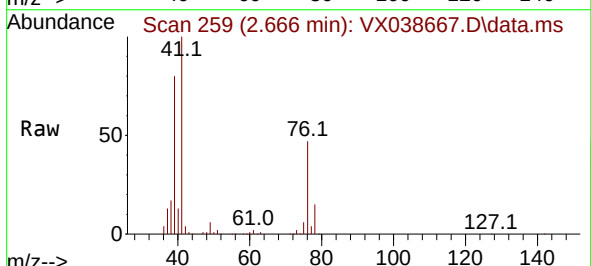
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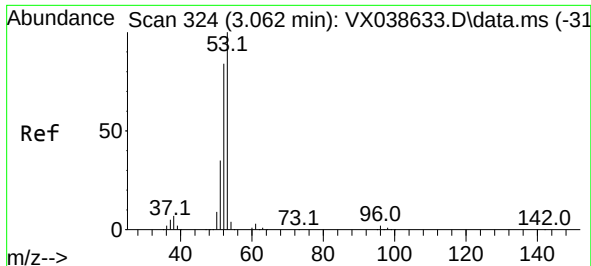
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#14
Allyl chloride
Concen: 49.787 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

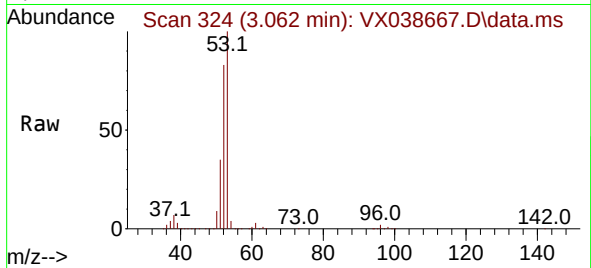
Tgt Ion: 41 Resp: 192512
Ion Ratio Lower Upper
41 100
39 69.3 55.8 83.6
76 39.4 24.3 36.5





#15
Acrylonitrile
Concen: 263.627 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

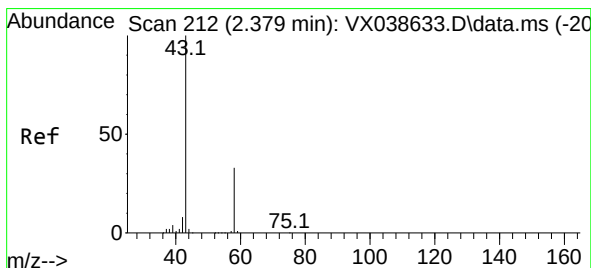
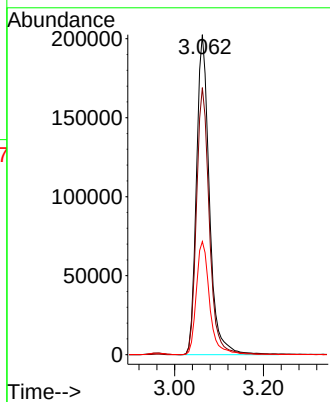
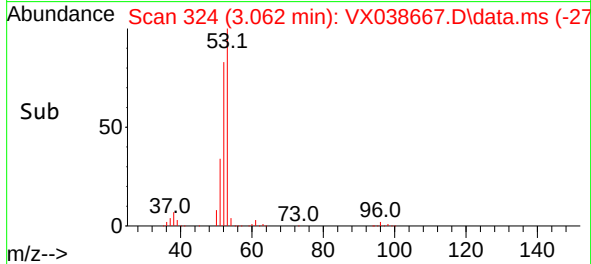
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



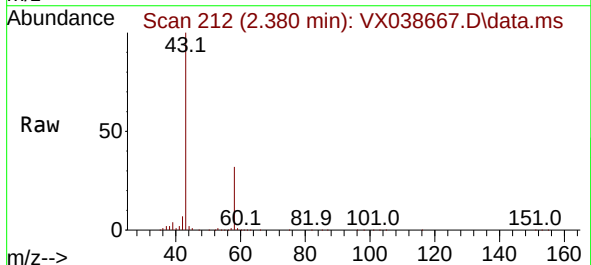
Tgt Ion: 53 Resp: 409600
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 36.4 29.8 44.6

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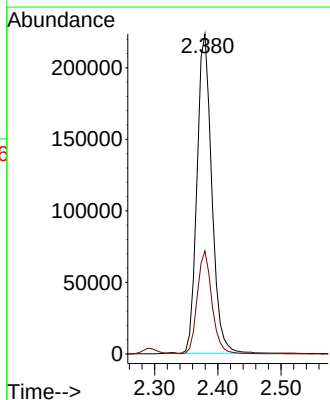
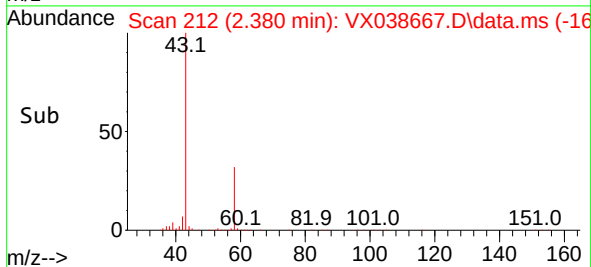
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

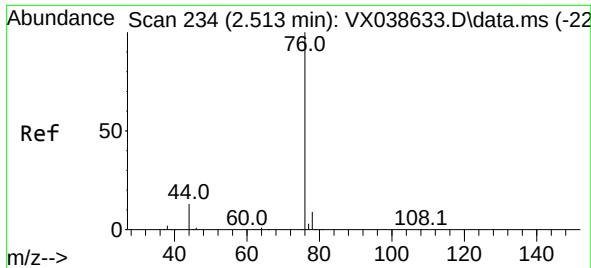


#16
Acetone
Concen: 238.898 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31



Tgt Ion: 43 Resp: 362338
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9





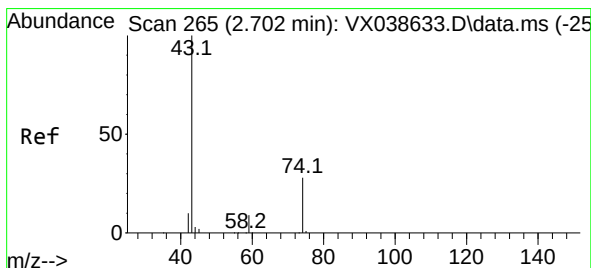
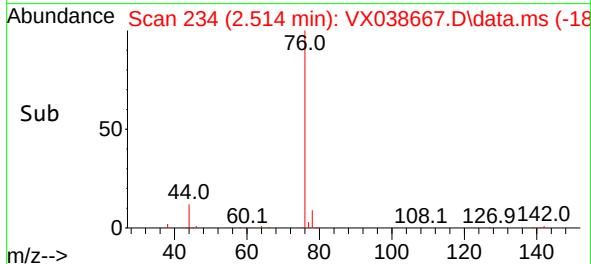
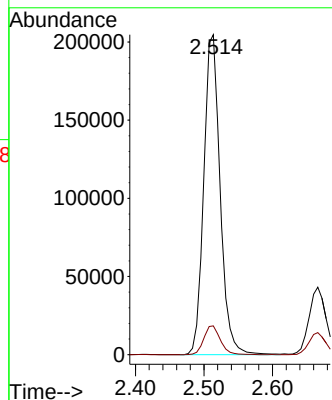
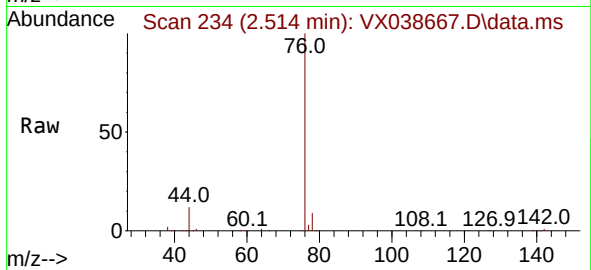
#17
Carbon Disulfide
Concen: 47.494 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 340688
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

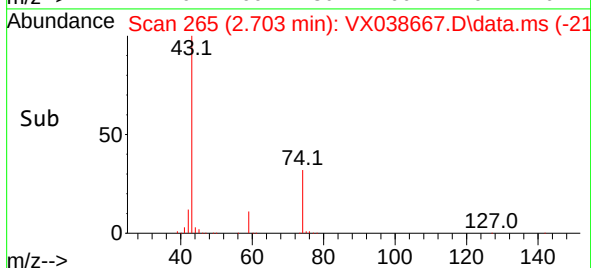
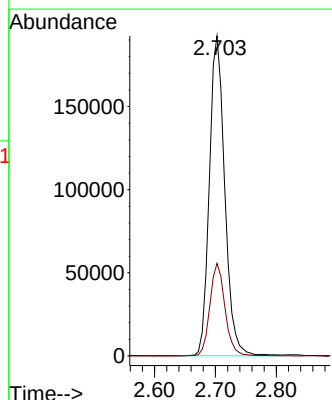
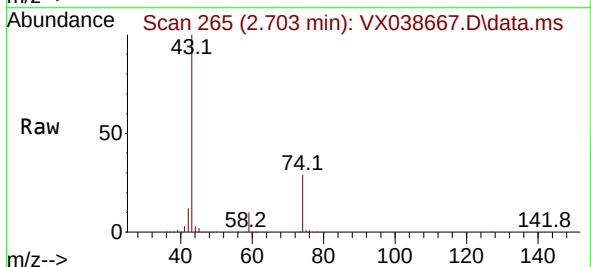
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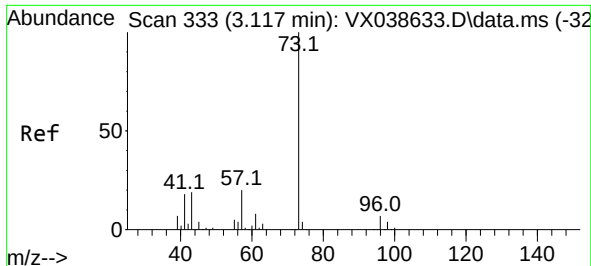
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#18
Methyl Acetate
Concen: 52.339 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion: 43 Resp: 338199
Ion Ratio Lower Upper
43 100
74 28.5 17.8 26.8#





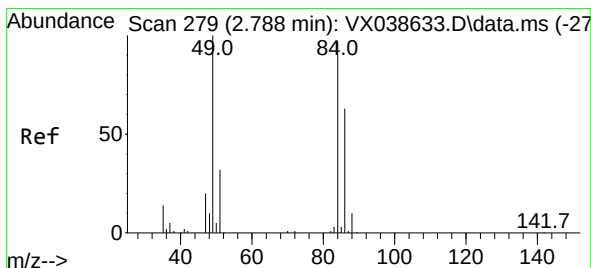
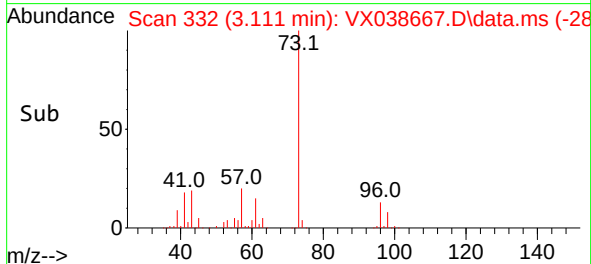
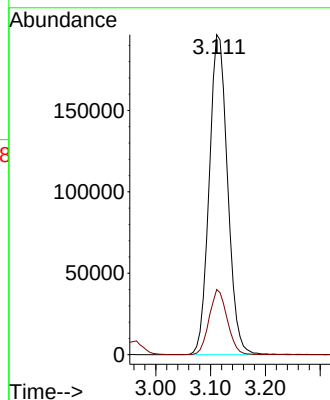
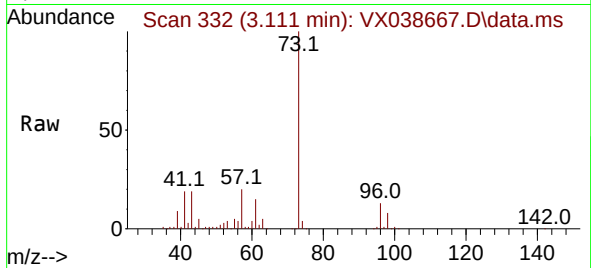
#19
Methyl tert-butyl Ether
Concen: 52.917 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 45683
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9

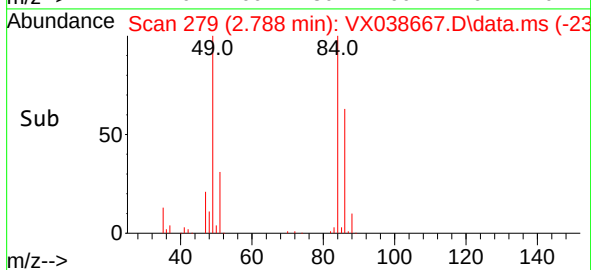
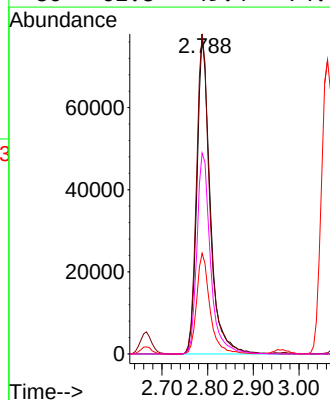
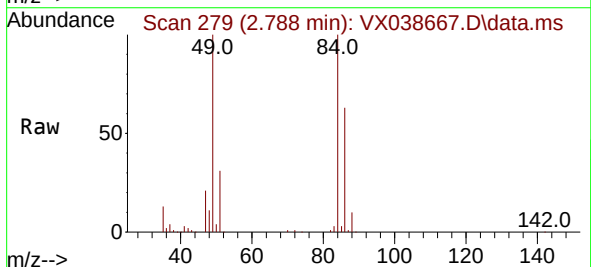
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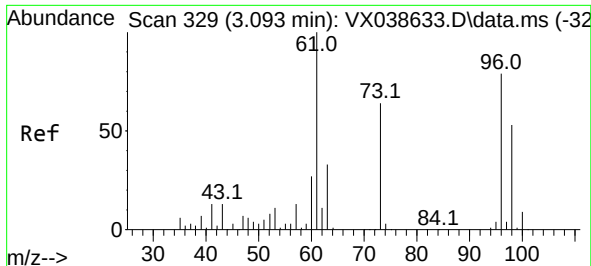
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#20
Methylene Chloride
Concen: 51.073 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

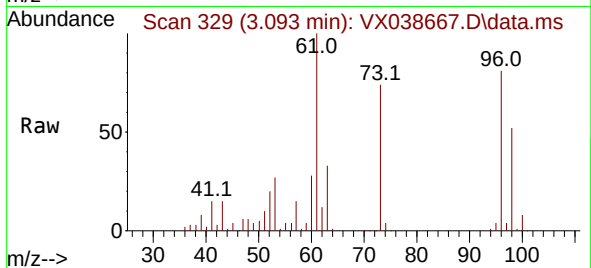
Tgt Ion: 84 Resp: 156154
Ion Ratio Lower Upper
84 100
49 100.0 103.6 155.4#
51 31.5 33.8 50.6#
86 62.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 51.182 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

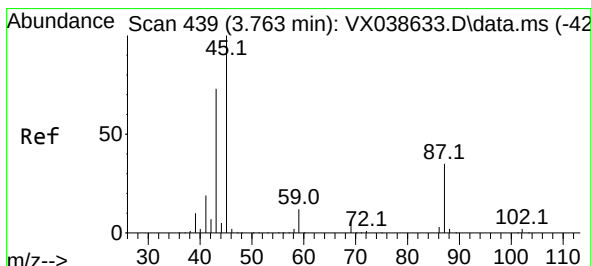
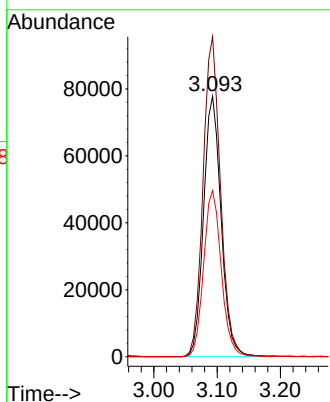
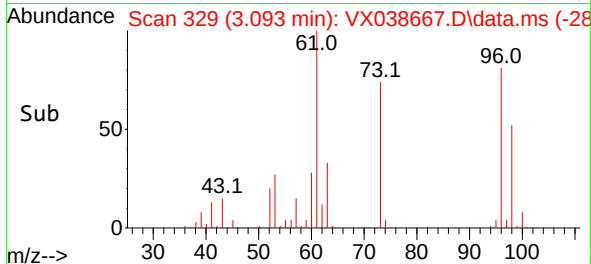
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



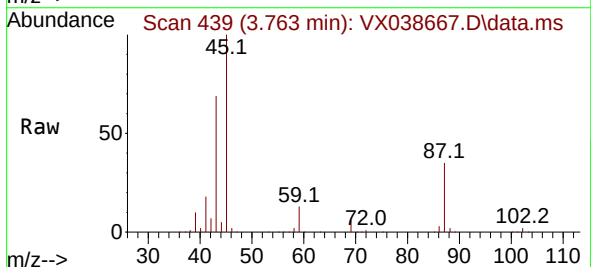
Tgt Ion: 96 Resp: 15042
Ion Ratio Lower Upper
96 100
61 122.8 119.2 178.8
98 63.7 48.7 73.1

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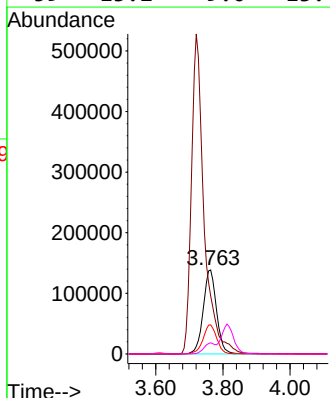
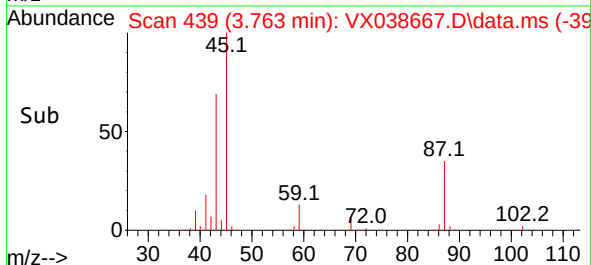
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

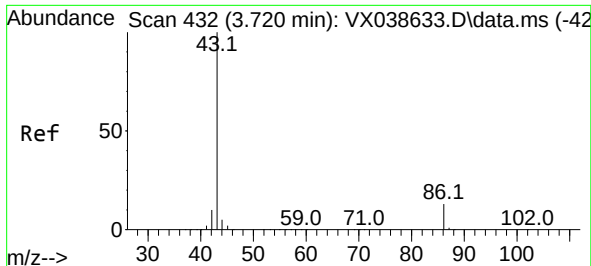


#22
Diisopropyl ether
Concen: 52.421 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31



Tgt Ion: 45 Resp: 382030
Ion Ratio Lower Upper
45 100
43 69.1 69.7 104.5#
87 34.8 20.8 31.2#
59 13.2 9.0 13.4





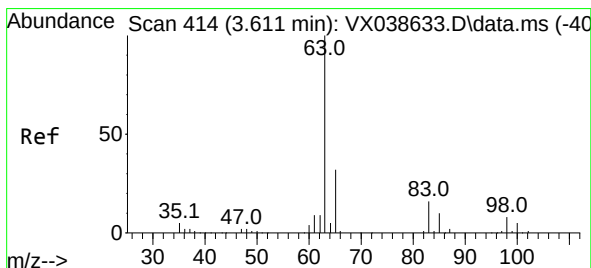
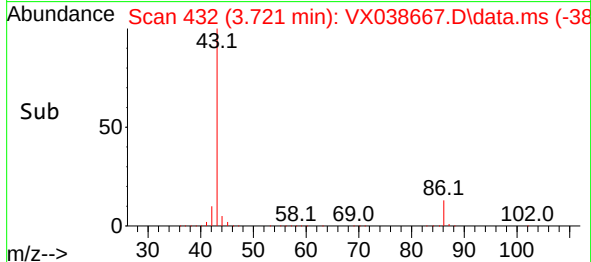
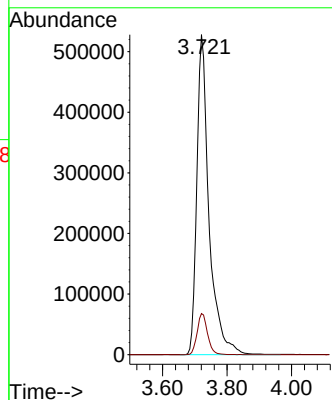
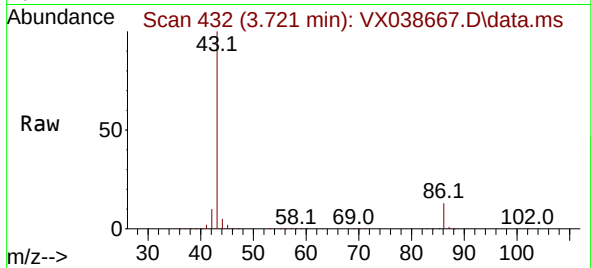
#23
 Vinyl Acetate
 Concen: 268.256 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038667.D
 Acq: 08 Nov 2023 19:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1387608
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.8 11.8

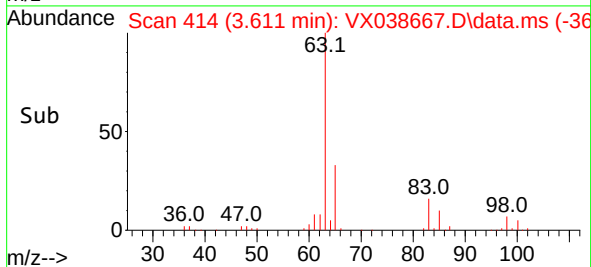
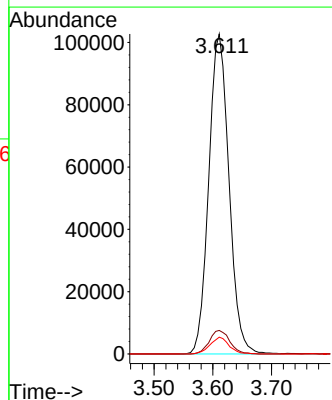
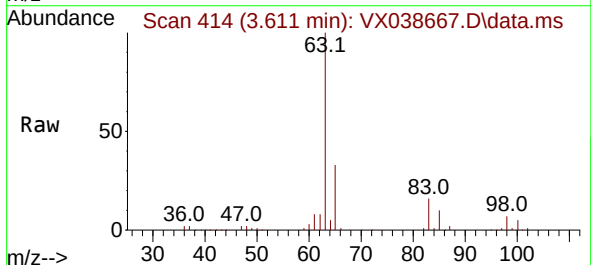
Manual Integrations
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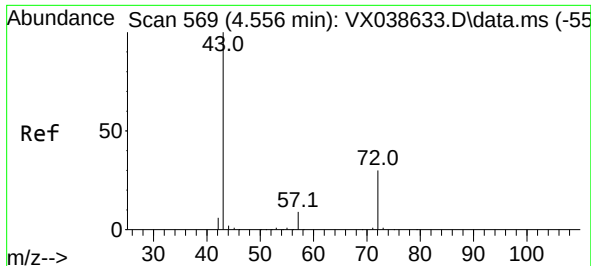
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#24
 1,1-Dichloroethane
 Concen: 50.929 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038667.D
 Acq: 08 Nov 2023 19:31

Tgt Ion: 63 Resp: 245556
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 5.2 2.1 6.5





#25

2-Butanone

Concen: 255.656 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 56171

Ion Ratio Lower Upper

43 100

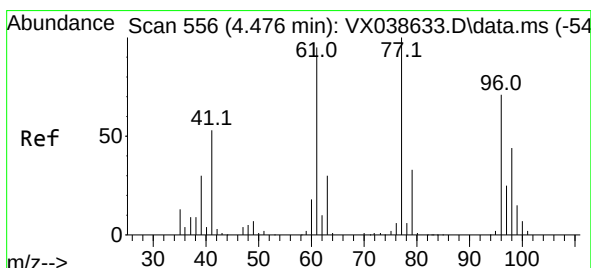
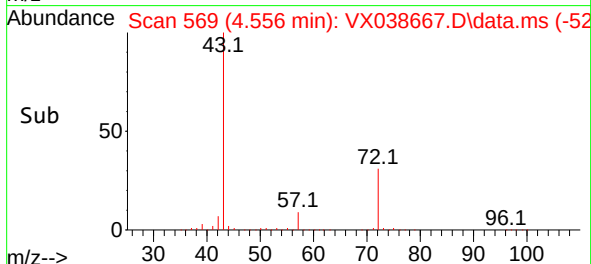
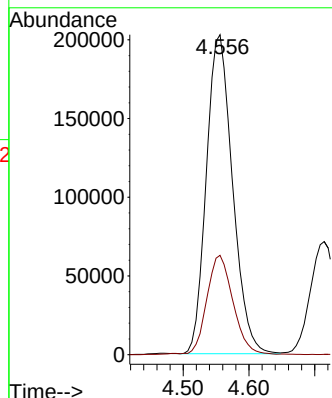
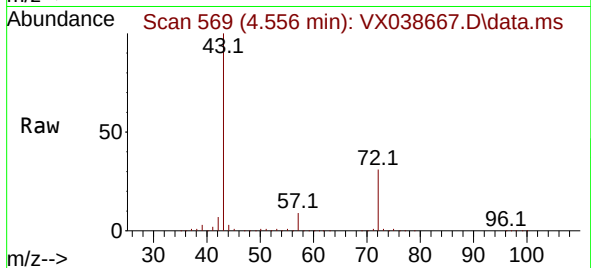
72 30.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#26

2,2-Dichloropropane

Concen: 45.234 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038667.D

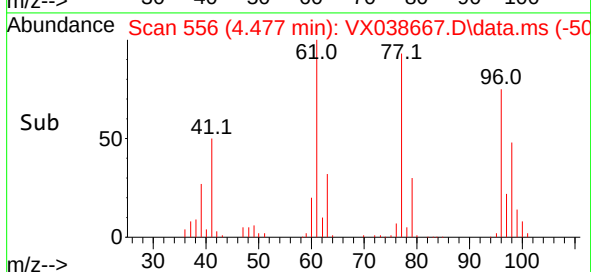
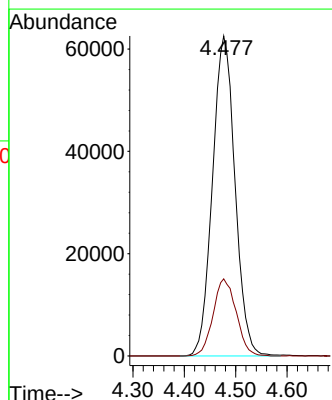
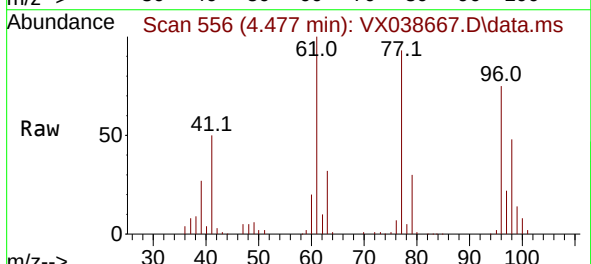
Acq: 08 Nov 2023 19:31

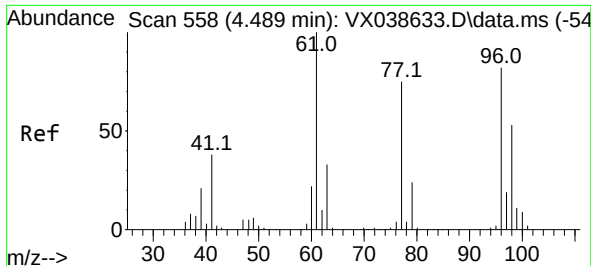
Tgt Ion: 77 Resp: 190428

Ion Ratio Lower Upper

77 100

97 24.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.746 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 17562

Ion Ratio Lower Upper

96 100

61 126.3 0.0 312.2

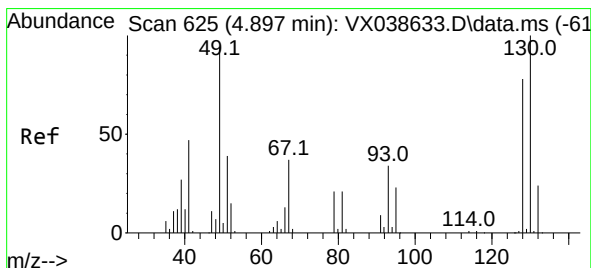
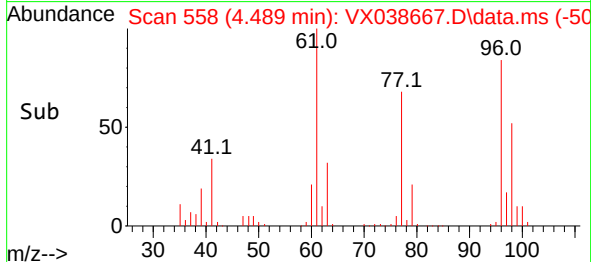
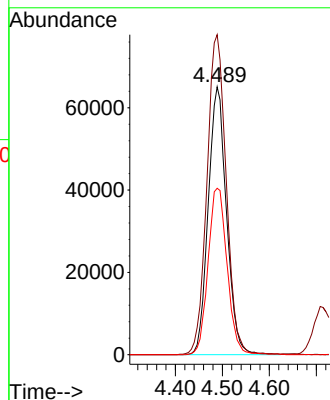
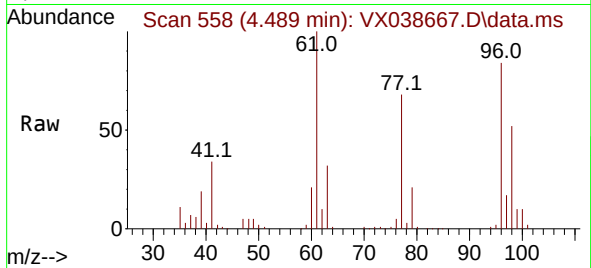
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#28

Bromochloromethane

Concen: 52.550 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

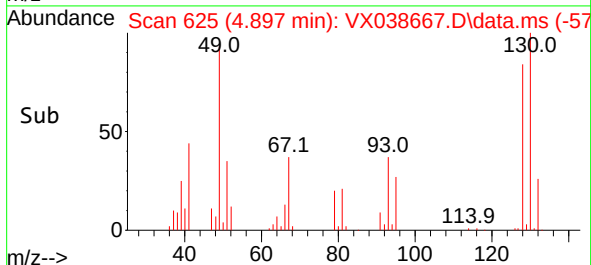
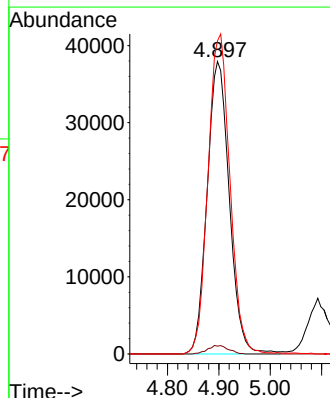
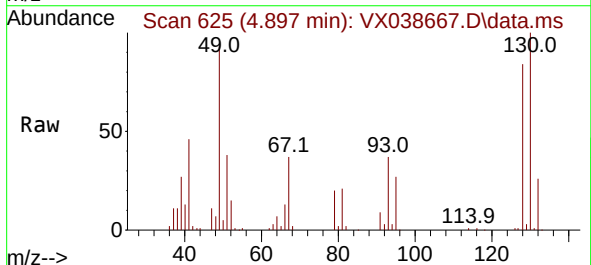
Tgt Ion: 49 Resp: 113865

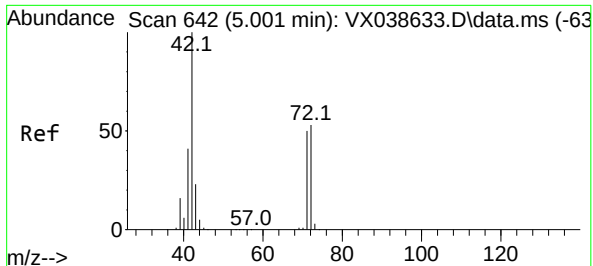
Ion Ratio Lower Upper

49 100

129 2.7 0.0 3.8

130 108.2 57.5 86.3#





#29

Tetrahydrofuran

Concen: 263.289 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 359910

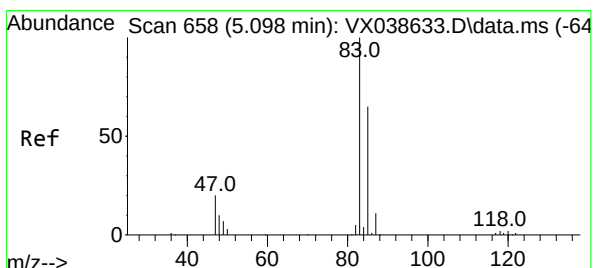
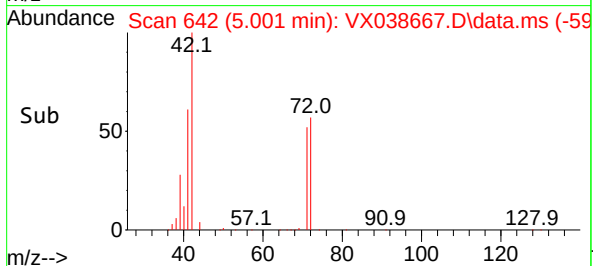
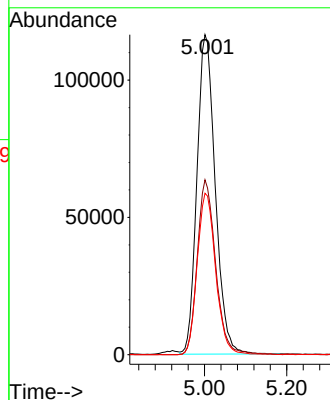
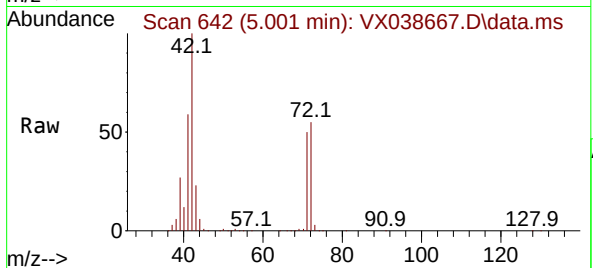
Ion	Ratio	Lower	Upper
42	100		
72	55.0	34.2	51.4
71	51.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#30

Chloroform

Concen: 50.908 ug/l

RT: 5.092 min Scan# 657

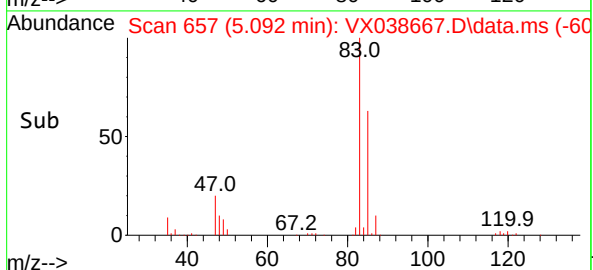
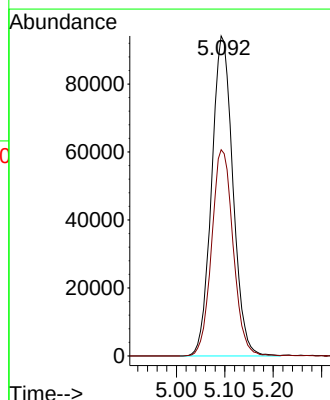
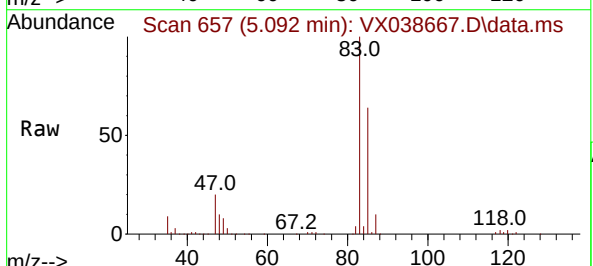
Delta R.T. -0.006 min

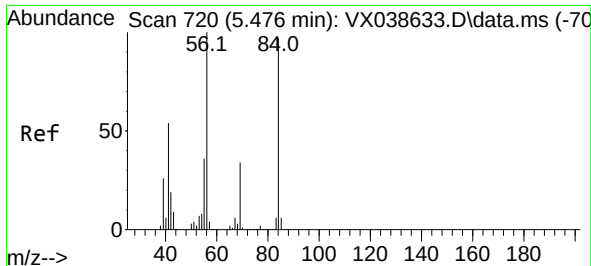
Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Tgt Ion: 83 Resp: 287996

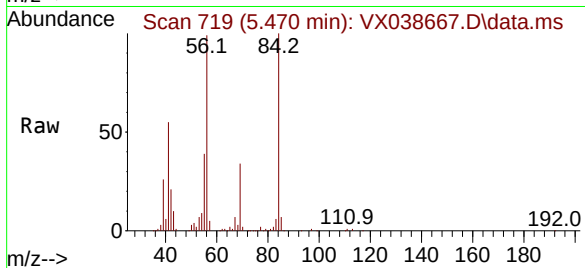
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.3	75.5





#31
Cyclohexane
Concen: 47.402 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

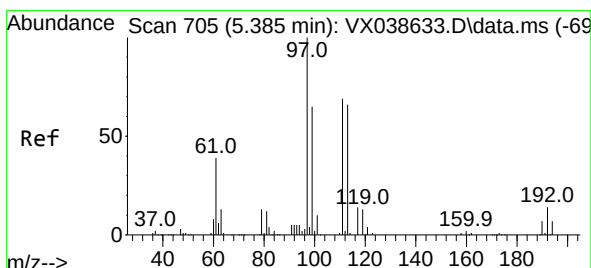
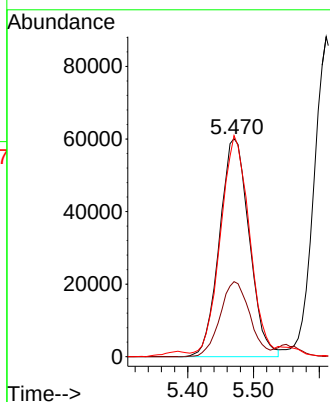
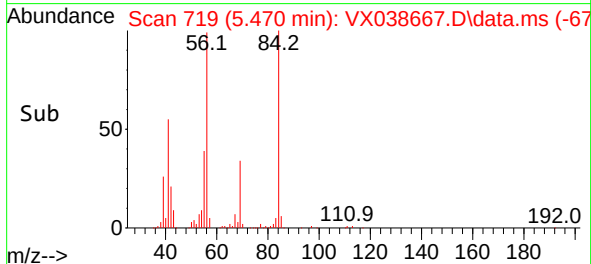
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



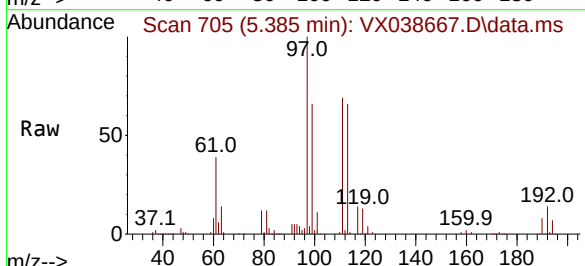
Tgt Ion: 56 Resp: 188932
Ion Ratio Lower Upper
56 100
69 34.4 23.4 35.2
84 98.9 65.9 98.9

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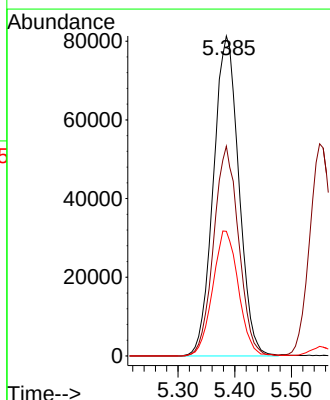
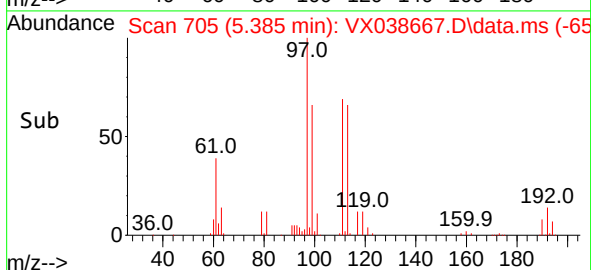
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

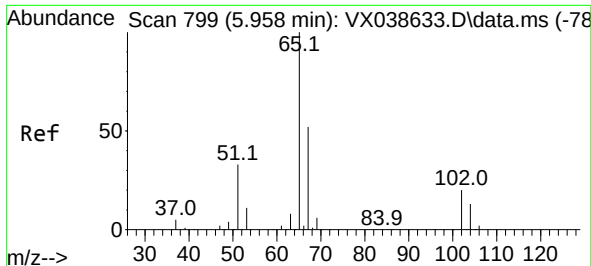


#32
1,1,1-Trichloroethane
Concen: 50.823 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31



Tgt Ion: 97 Resp: 253027
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 39.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.636 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 178750

Ion Ratio Lower Upper

65 100

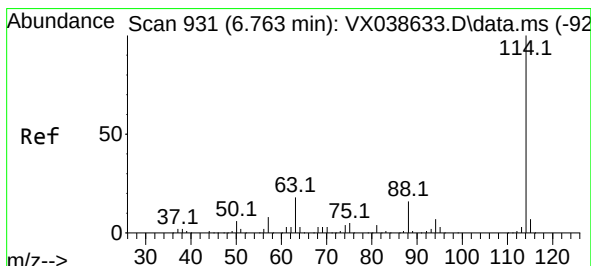
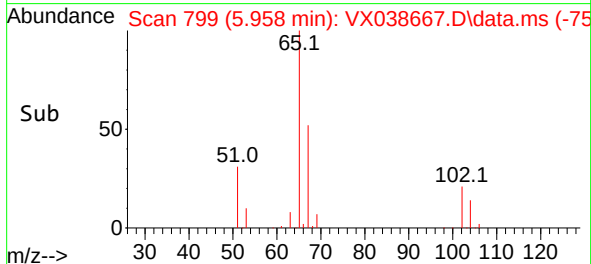
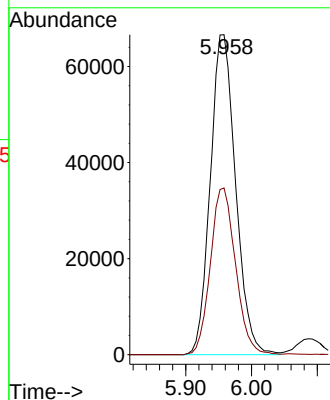
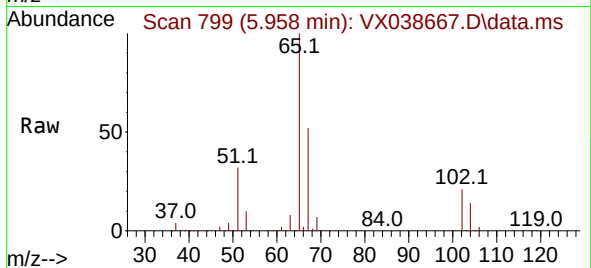
67 51.7 0.0 100.2

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: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

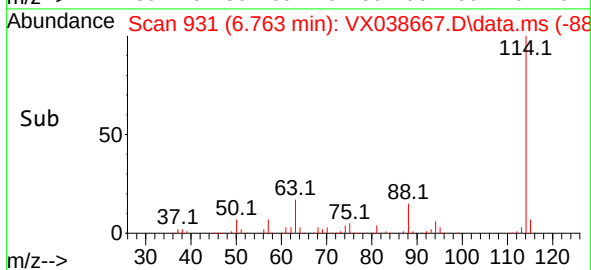
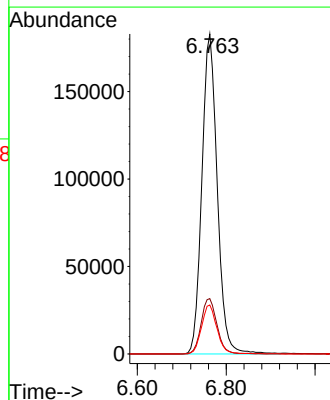
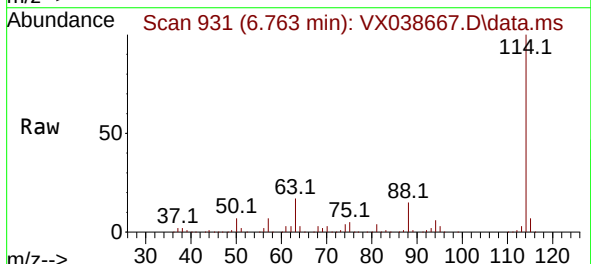
Tgt Ion:114 Resp: 441133

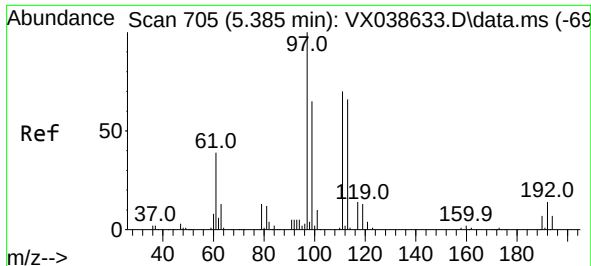
Ion Ratio Lower Upper

114 100

63 17.3 0.0 45.0

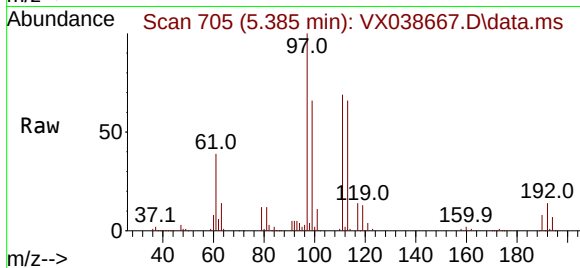
88 15.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.423 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

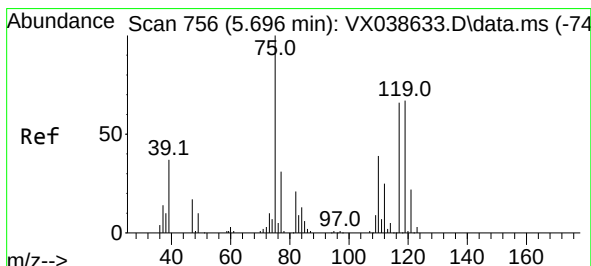
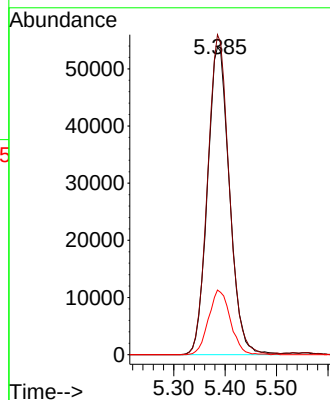
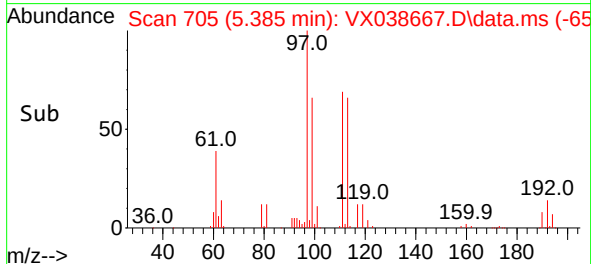
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 16020
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 20.8 13.3 19.9

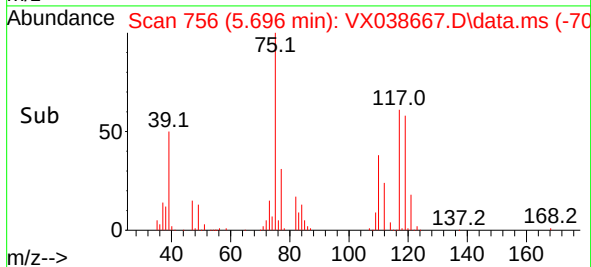
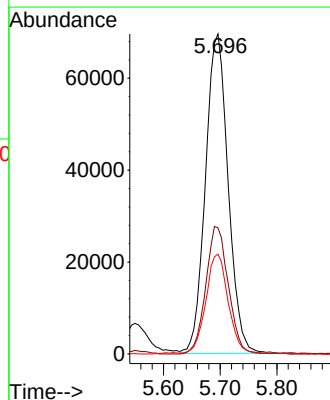
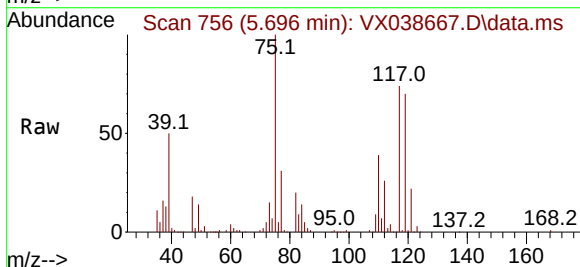
Manual Integrations
APPROVED

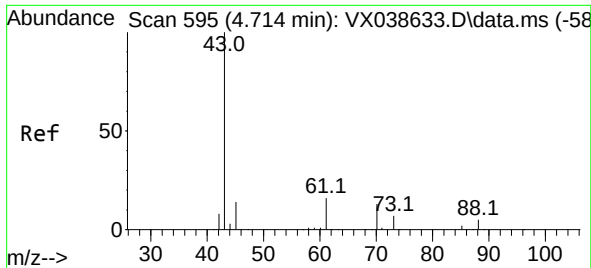
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#36
1,1-Dichloropropene
Concen: 49.059 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion: 75 Resp: 193617
Ion Ratio Lower Upper
75 100
110 39.5 17.0 50.9
77 30.5 24.7 37.1





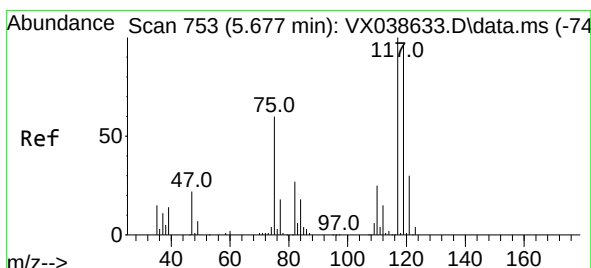
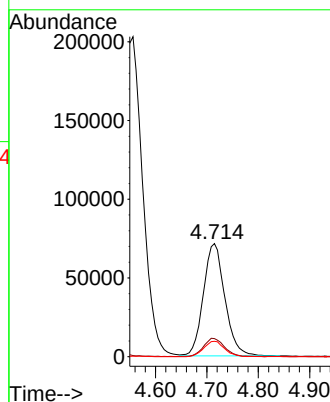
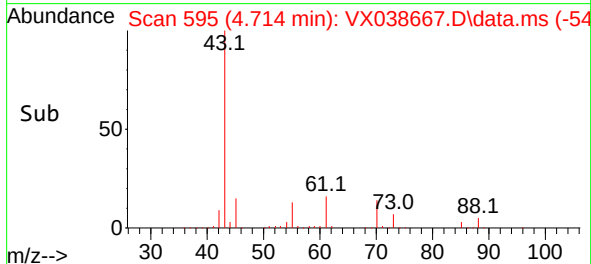
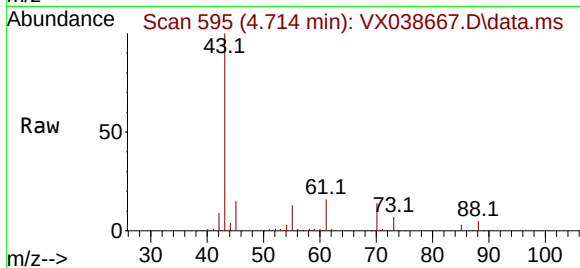
#37
Ethyl Acetate
Concen: 51.482 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 20744
Ion Ratio Lower Upper
43 100
61 16.2 10.6 16.0
70 13.4 8.3 12.5

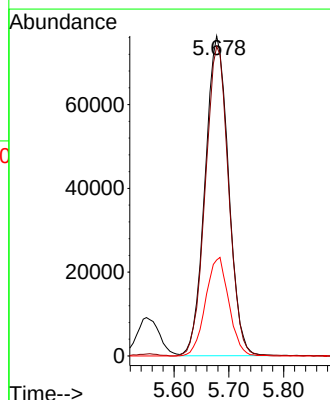
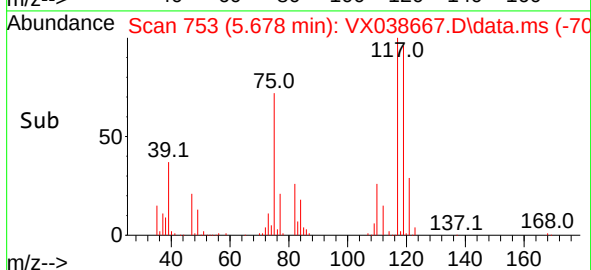
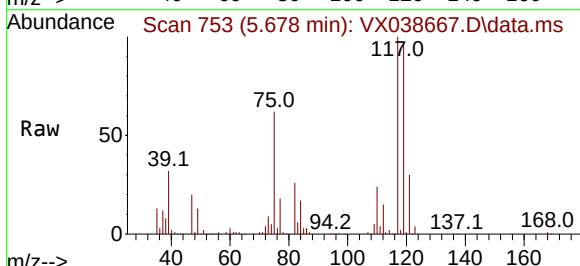
Manual Integrations
APPROVED

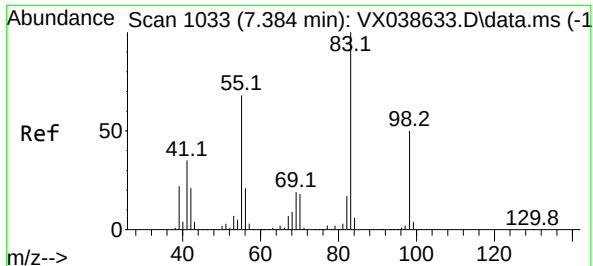
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#38
Carbon Tetrachloride
Concen: 51.281 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion:117 Resp: 226253
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.2
121 30.0 24.4 36.6





#39

Methylcyclohexane

Concen: 47.807 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 23589

Ion Ratio Lower Upper

83 100

55 69.7 64.6 97.0

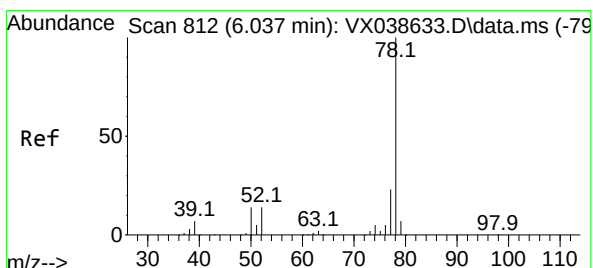
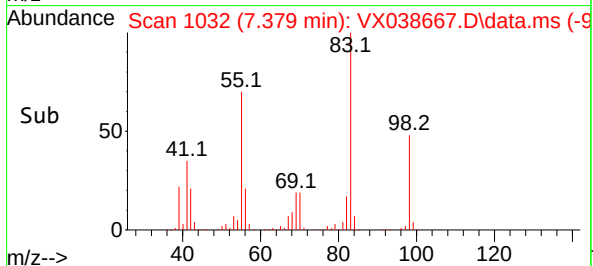
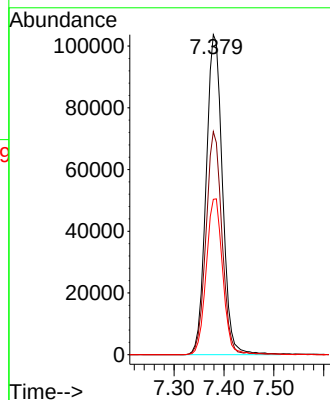
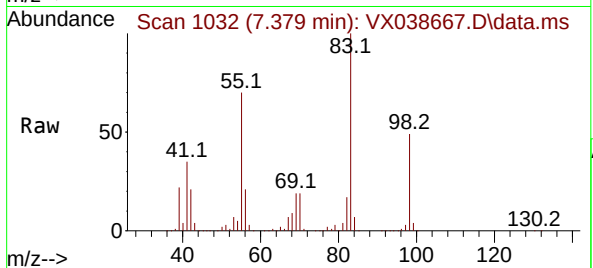
98 48.6 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#40

Benzene

Concen: 51.030 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038667.D

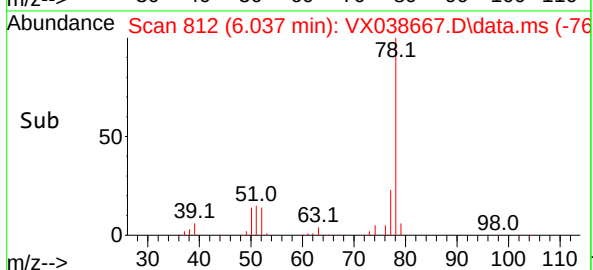
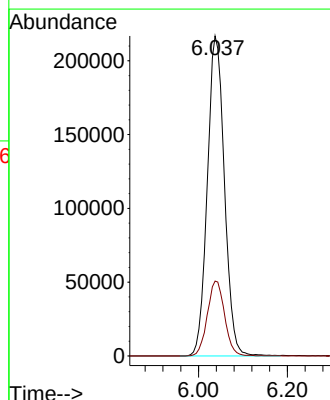
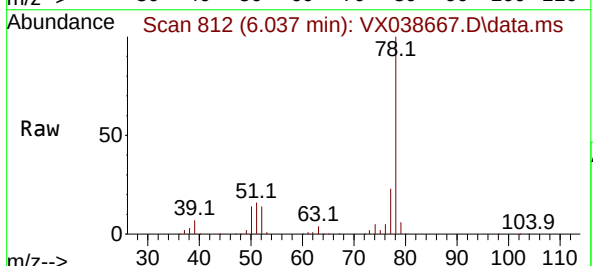
Acq: 08 Nov 2023 19:31

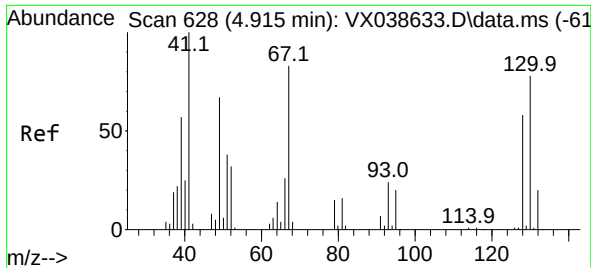
Tgt Ion: 78 Resp: 580083

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9





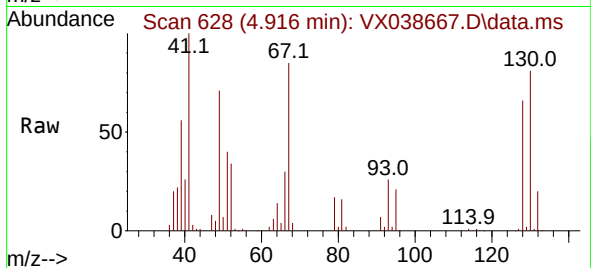
#41
Methacrylonitrile
Concen: 52.899 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

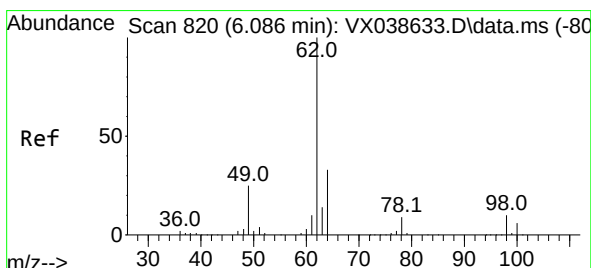
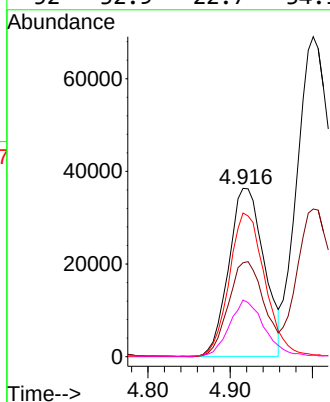
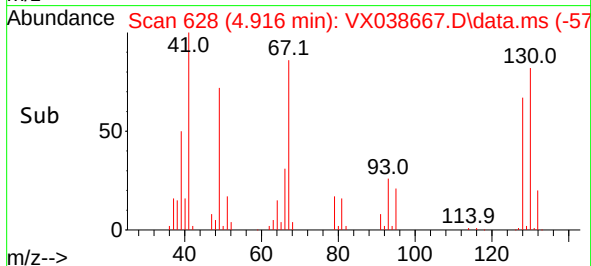


Tgt Ion: 41 Resp: 10859
Ion Ratio Lower Upper
41 100
39 57.0 45.2 67.8
67 87.0 52.6 78.8
52 32.9 22.7 34.1

Manual Integrations

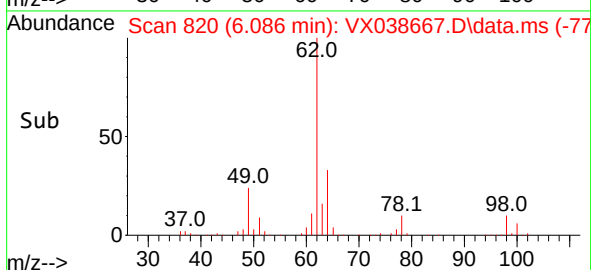
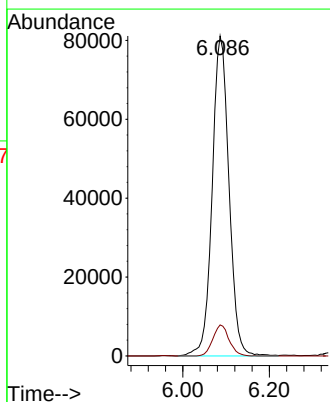
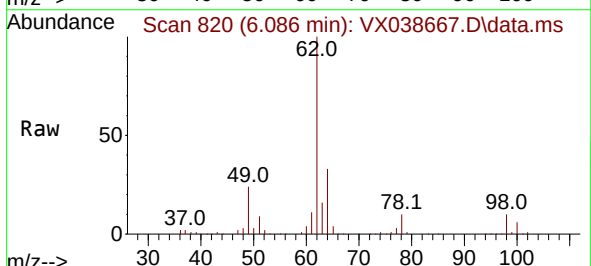
APPROVED

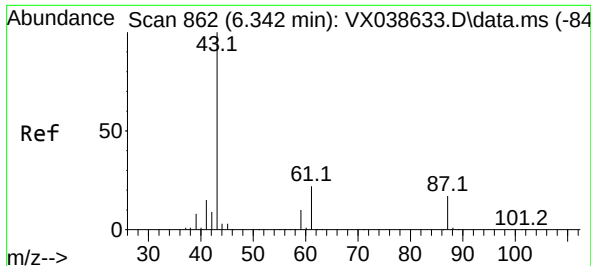
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#42
1,2-Dichloroethane
Concen: 53.281 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

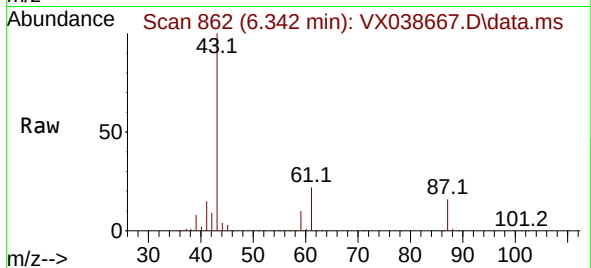
Tgt Ion: 62 Resp: 218541
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.953 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

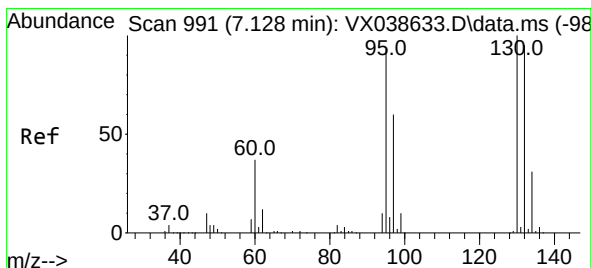
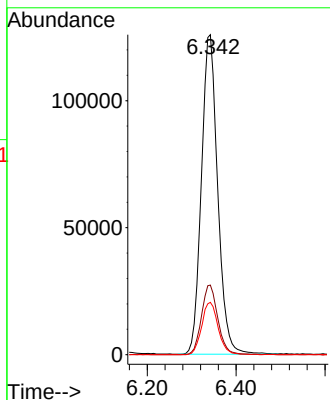
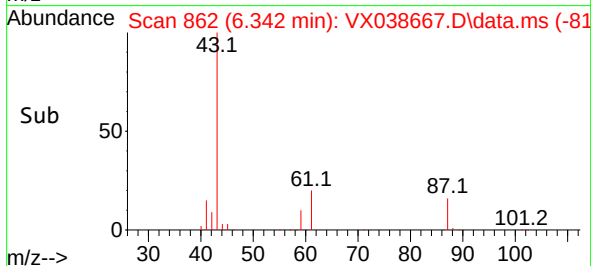
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 321844
Ion Ratio Lower Upper
43 100
61 21.9 15.2 22.8
87 16.5 9.8 14.6

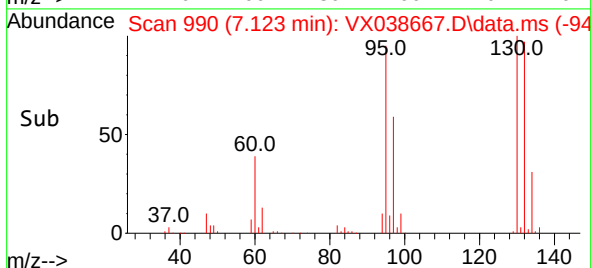
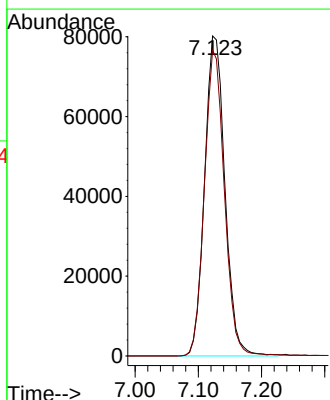
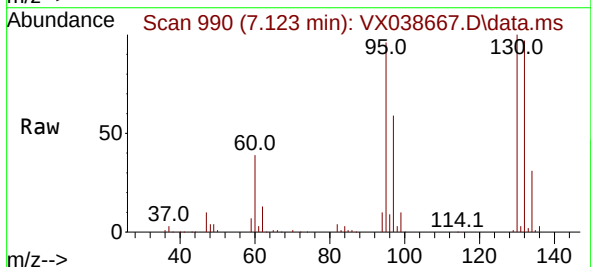
Manual Integrations
APPROVED

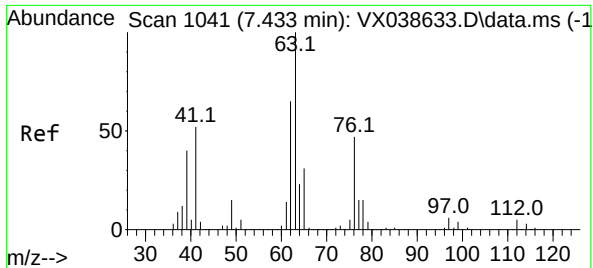
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#44
Trichloroethene
Concen: 50.612 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

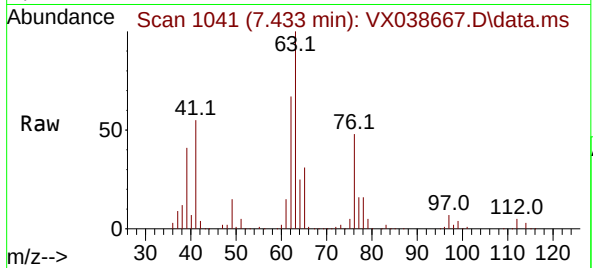
Tgt Ion:130 Resp: 179009
Ion Ratio Lower Upper
130 100
95 95.5 0.0 204.4





#45
1,2-Dichloropropane
Concen: 51.872 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

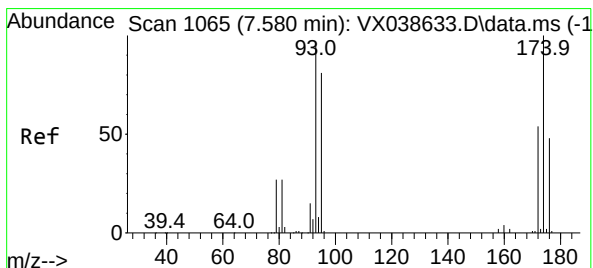
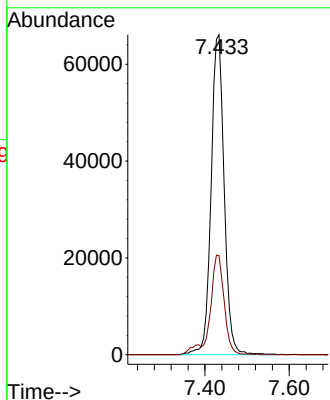
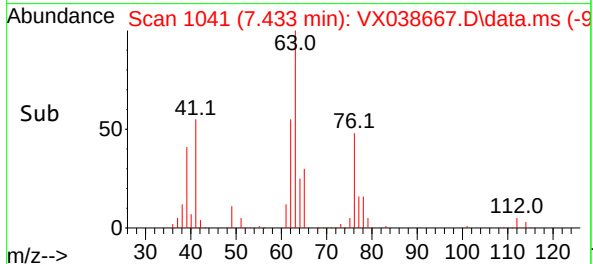
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



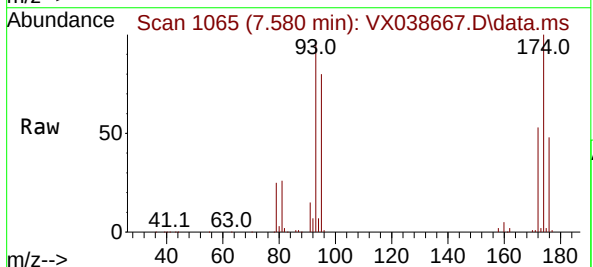
Tgt Ion: 63 Resp: 142544
Ion Ratio Lower Upper
63 100
65 31.0 24.3 36.5

Manual Integrations
APPROVED

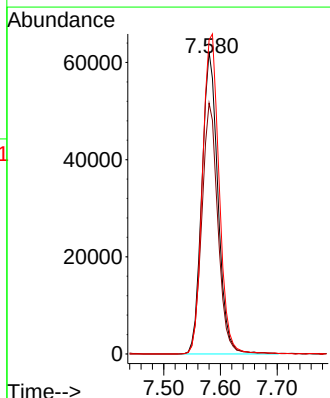
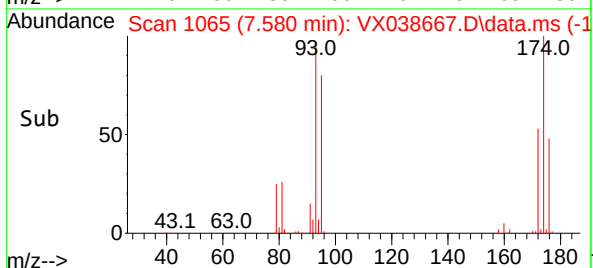
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

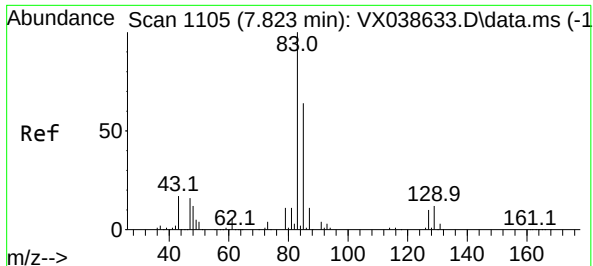


#46
Dibromomethane
Concen: 53.173 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31



Tgt Ion: 93 Resp: 122198
Ion Ratio Lower Upper
93 100
95 82.8 66.6 100.0
174 109.5 69.4 104.0#





#47

Bromodichloromethane

Concen: 51.608 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 223045

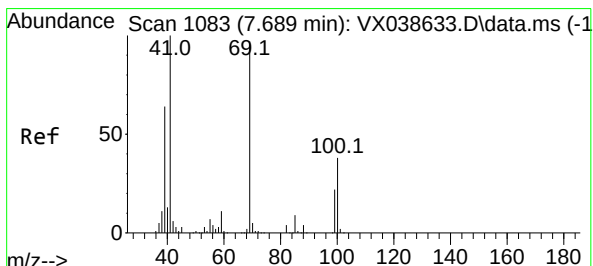
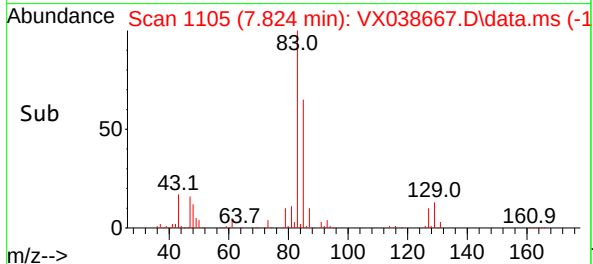
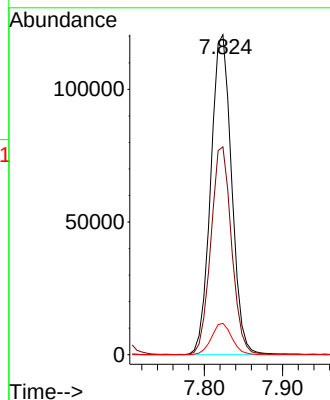
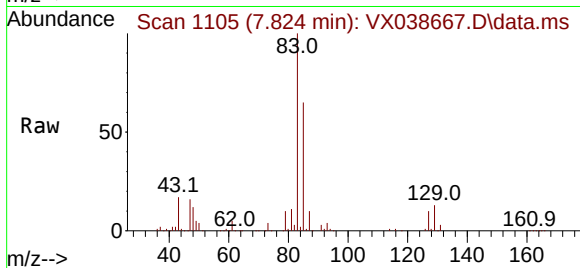
Ion	Ratio	Lower	Upper
83	100		
85	64.9	49.8	74.6
127	9.8	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#48

Methyl methacrylate

Concen: 53.612 ug/l

RT: 7.690 min Scan# 1083

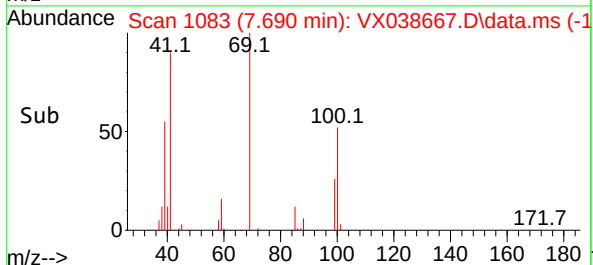
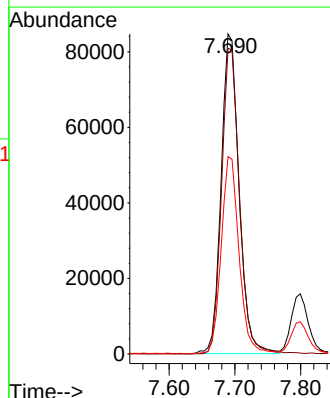
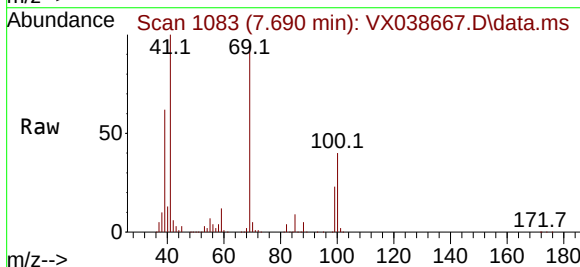
Delta R.T. 0.000 min

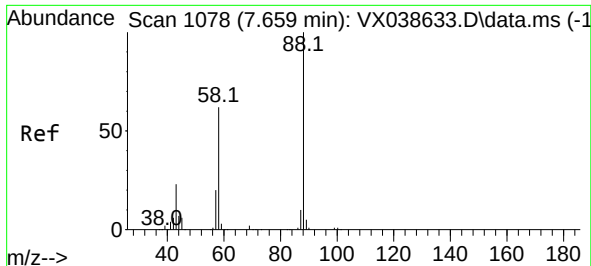
Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Tgt Ion: 41 Resp: 160057

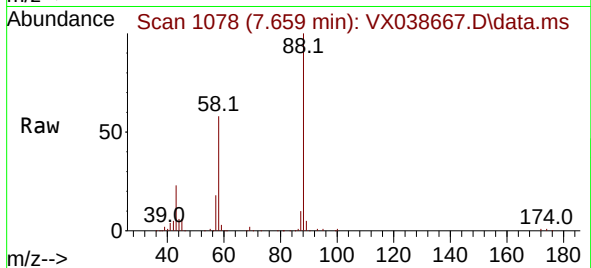
Ion	Ratio	Lower	Upper
41	100		
69	96.2	59.2	88.8
39	61.3	47.7	71.5





#49
1,4-Dioxane
Concen: 1162.716 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

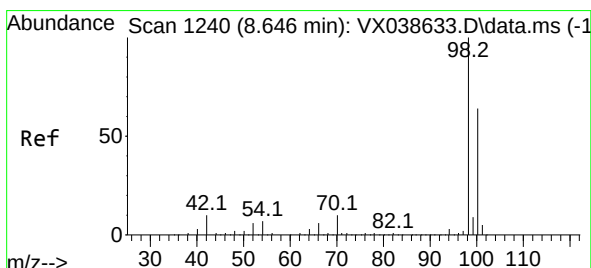
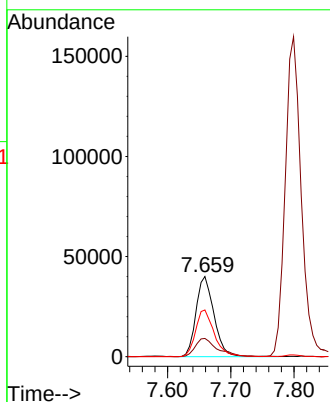
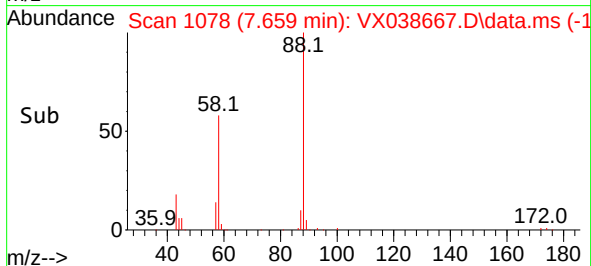
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 79023
Ion Ratio Lower Upper
88 100
43 27.2 0.0 0.0
58 60.6 60.1 90.1

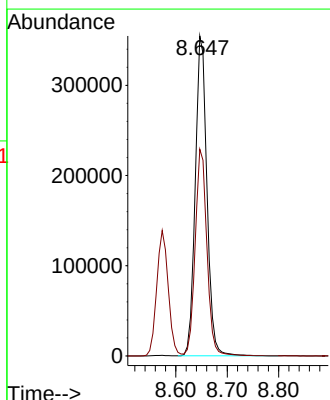
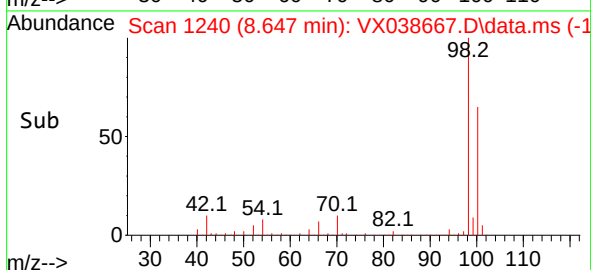
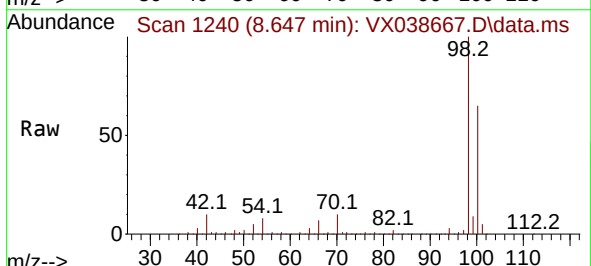
Manual Integrations
APPROVED

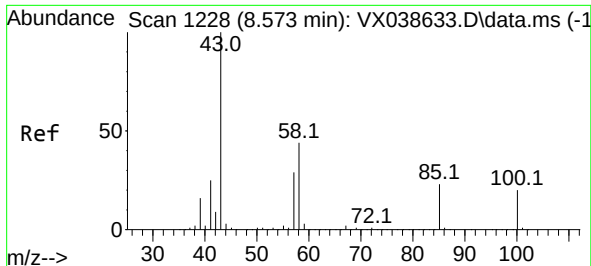
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#50
Toluene-d8
Concen: 49.267 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion: 98 Resp: 560121
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 267.338 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

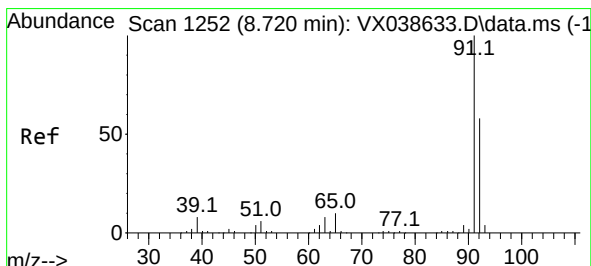
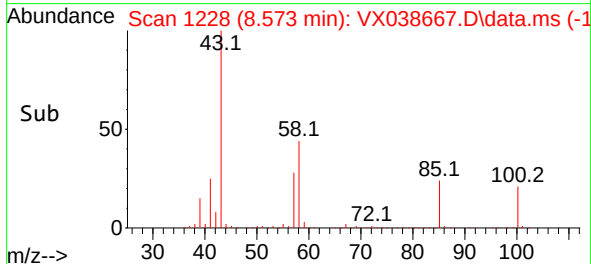
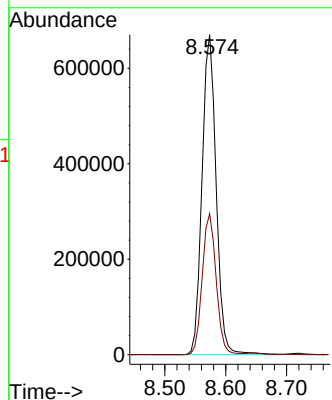
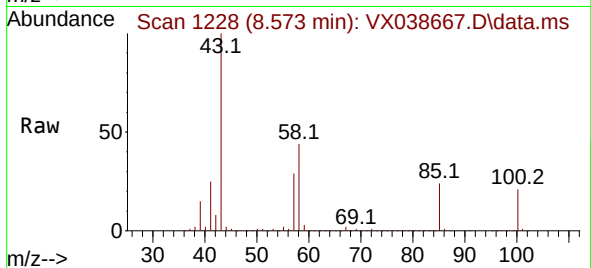
VSTDCCC050EC

Tgt Ion: 43 Resp: 107902
Ion Ratio Lower Upper
43 100
58 43.4 30.4 45.6

Manual Integrations

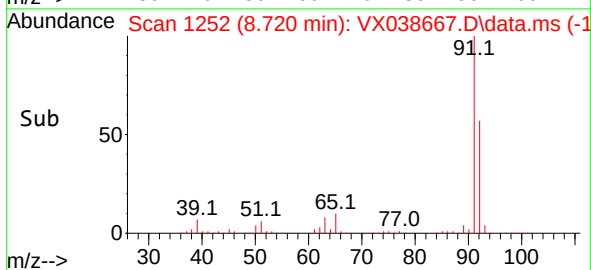
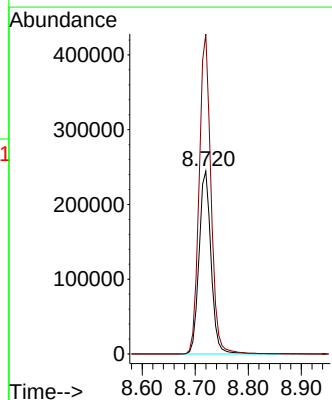
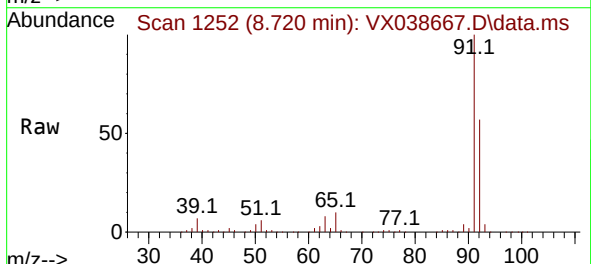
APPROVED

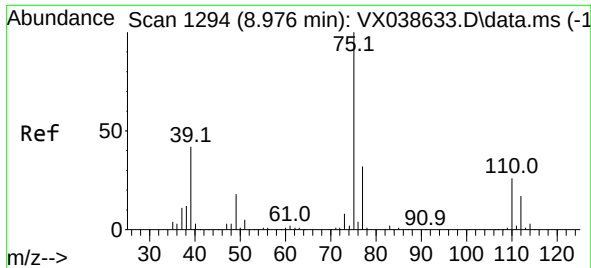
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#52
Toluene
Concen: 51.627 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion: 92 Resp: 384446
Ion Ratio Lower Upper
92 100
91 172.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 51.707 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

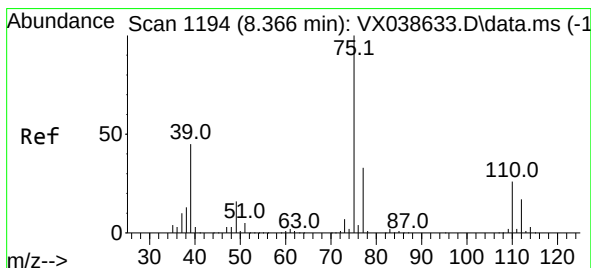
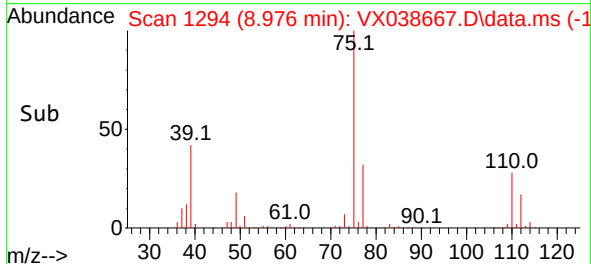
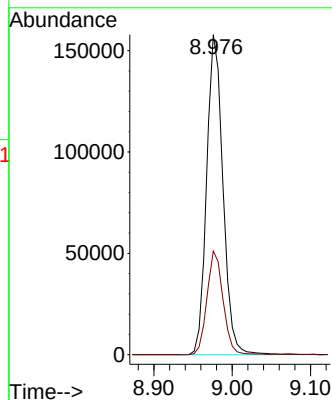
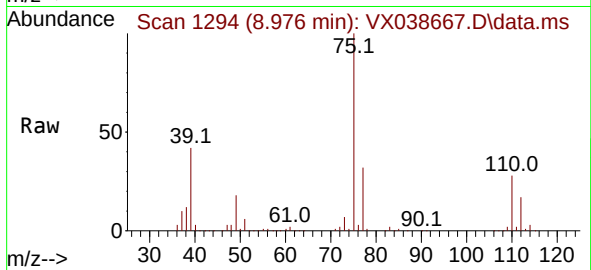
VSTDCCC050EC

Tgt Ion: 75 Resp: 227510
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5

Manual Integrations

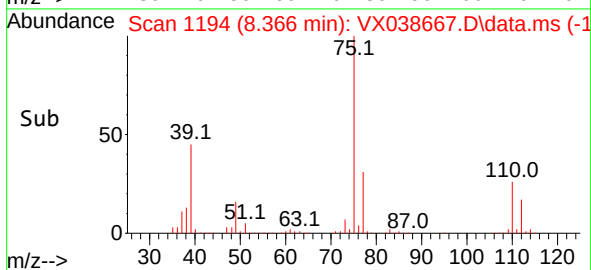
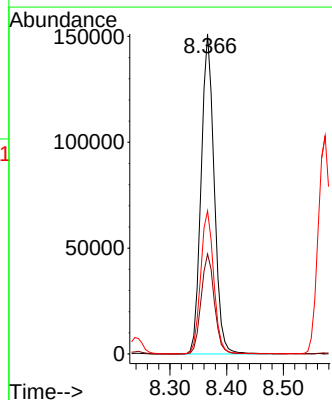
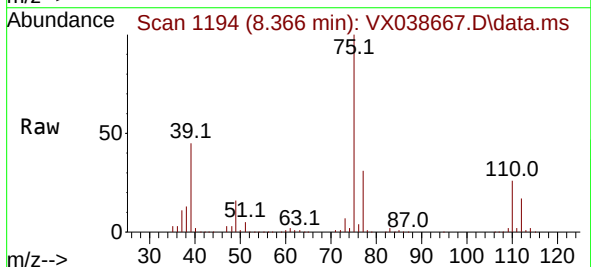
APPROVED

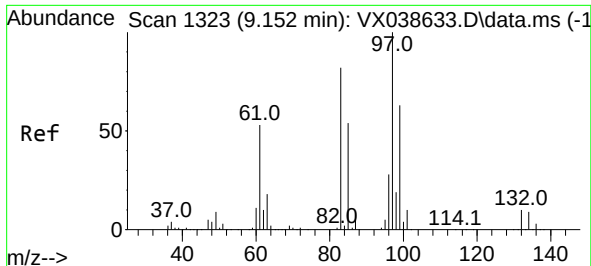
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#54
cis-1,3-Dichloropropene
Concen: 52.121 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion: 75 Resp: 242105
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
39 44.6 46.7 70.1#





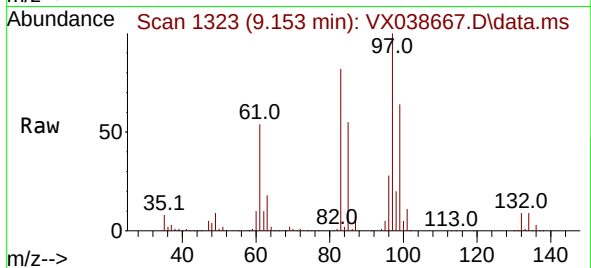
#55
1,1,2-Trichloroethane
Concen: 54.046 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



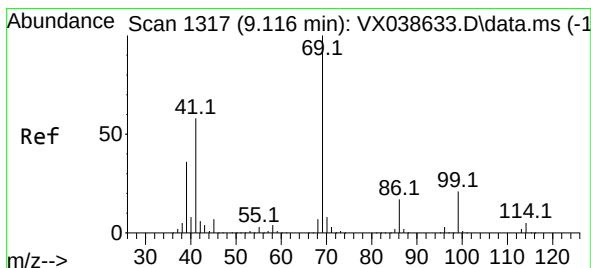
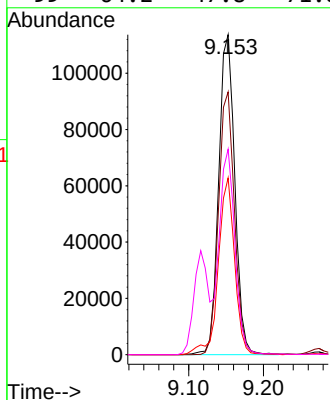
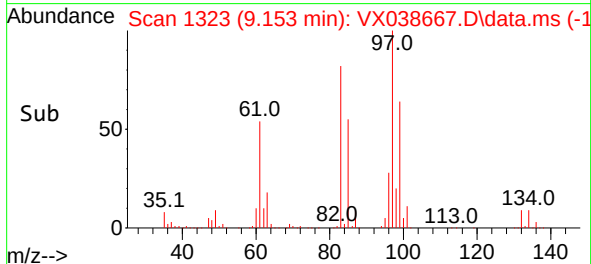
Tgt Ion: 97 Resp: 170760
Ion Ratio Lower Upper
97 100
83 82.1 65.8 98.8
85 55.3 41.6 62.4
99 64.2 47.8 71.8

Manual Integrations

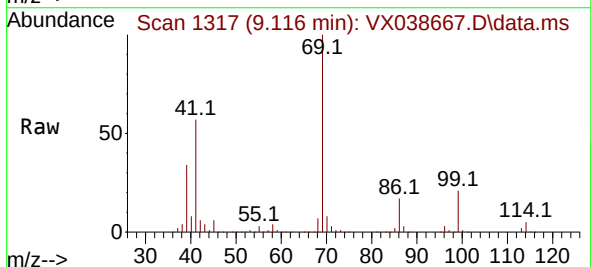
APPROVED

Reviewed By :John Carlone 11/09/2023

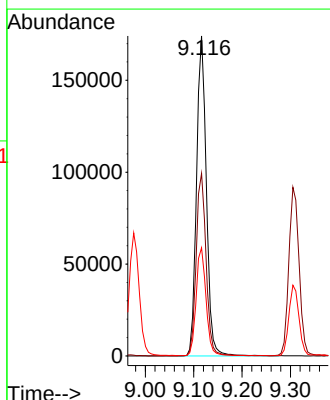
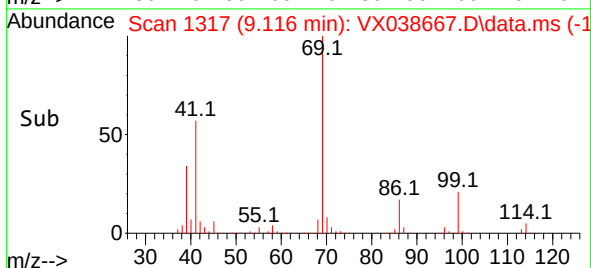
Supervised By :Semsettin Yesilyurt 11/09/2023

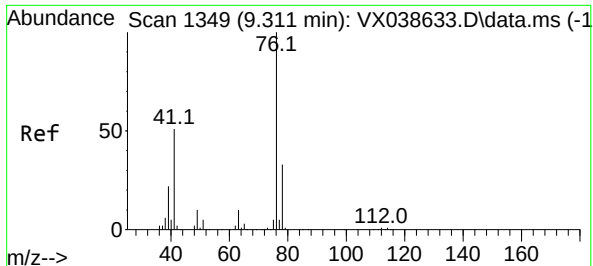


#56
Ethyl methacrylate
Concen: 55.450 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31



Tgt Ion: 69 Resp: 245123
Ion Ratio Lower Upper
69 100
41 57.3 56.8 85.2
39 34.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 53.232 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 261970

Ion Ratio Lower Upper

76 100

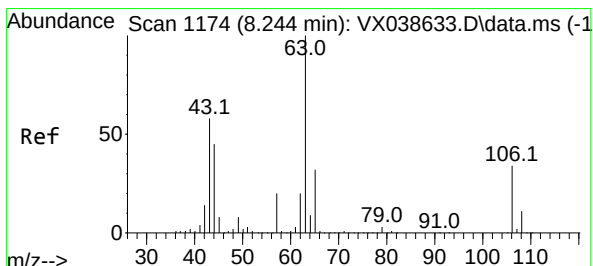
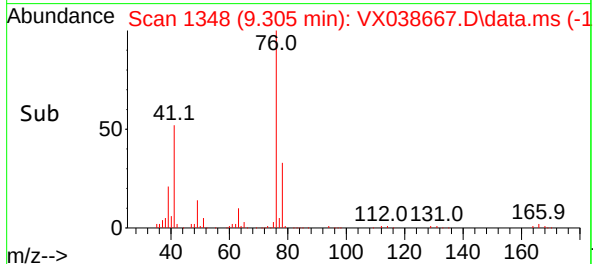
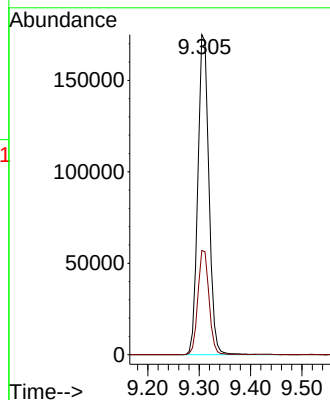
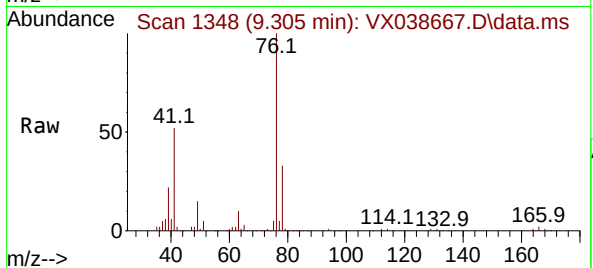
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 274.358 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038667.D

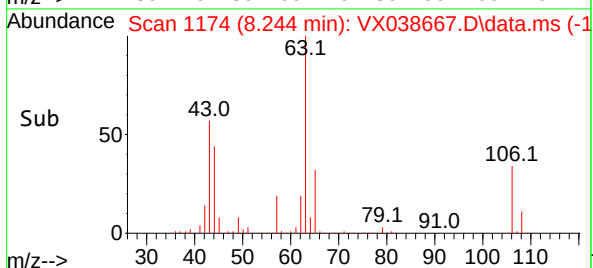
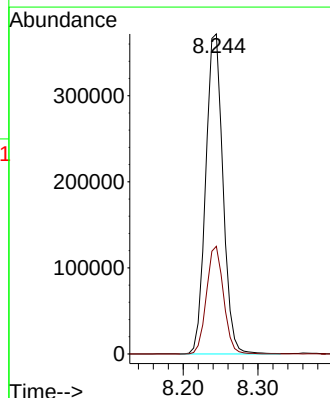
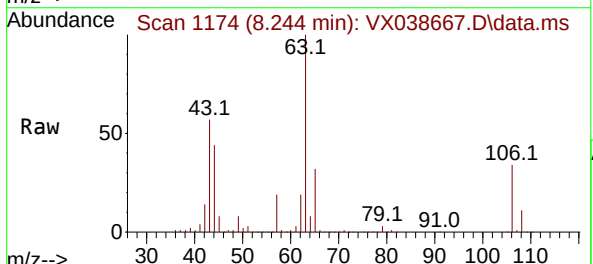
Acq: 08 Nov 2023 19:31

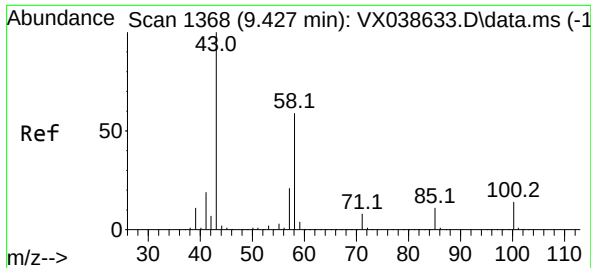
Tgt Ion: 63 Resp: 596317

Ion Ratio Lower Upper

63 100

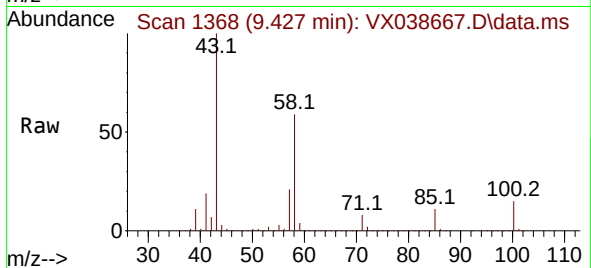
106 33.3 22.5 33.7





#59
2-Hexanone
Concen: 265.098 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

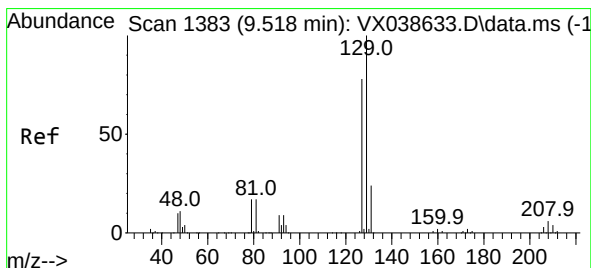
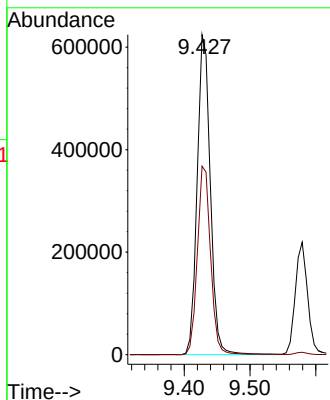
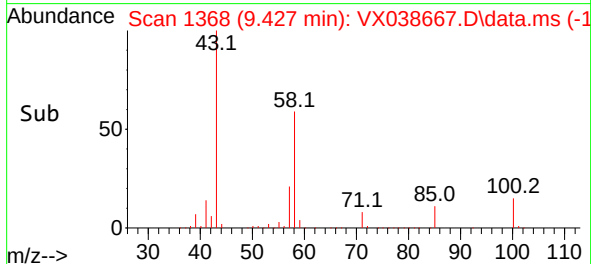
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 86576
Ion Ratio Lower Upper
43 100
58 59.3 26.2 78.5

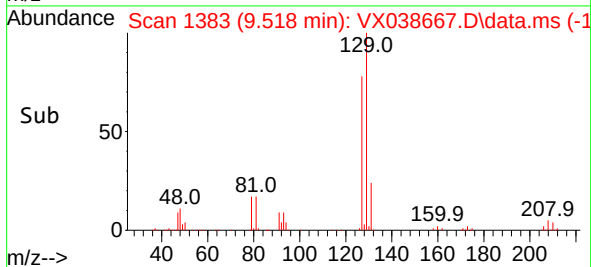
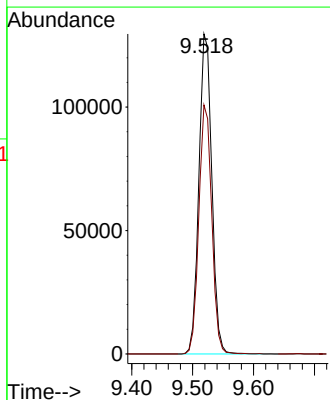
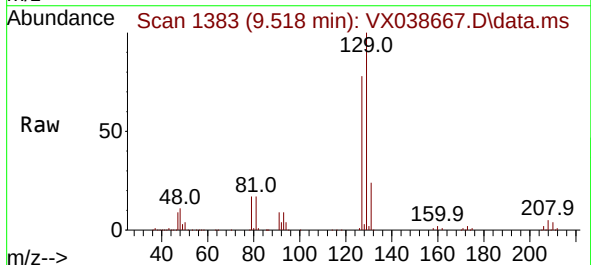
Manual Integrations
APPROVED

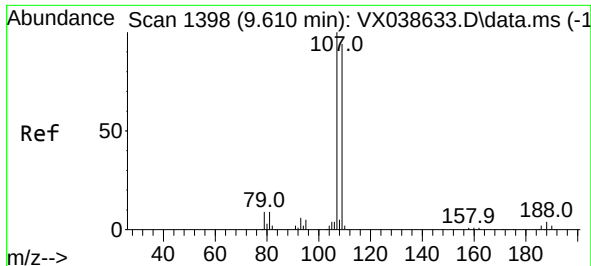
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#60
Dibromochloromethane
Concen: 53.774 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

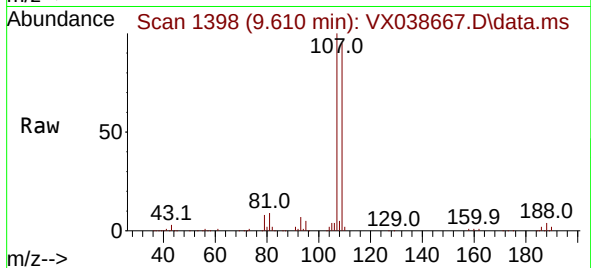
Tgt Ion:129 Resp: 190728
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.149 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

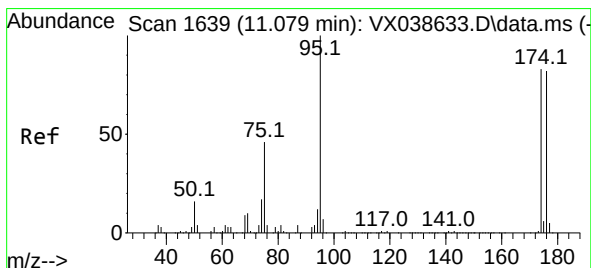
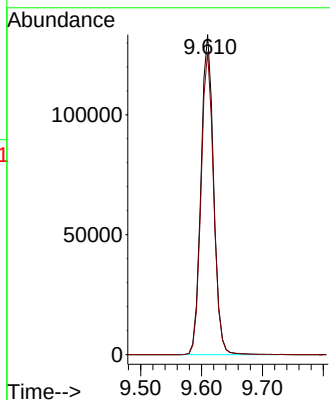
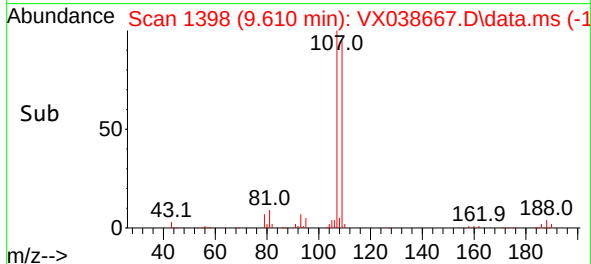
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



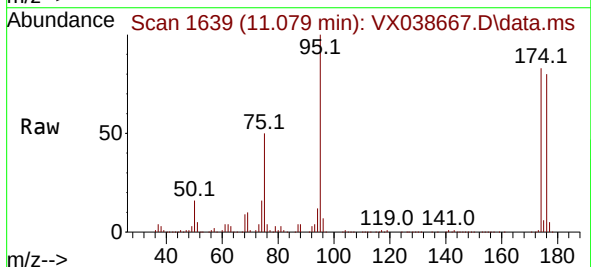
Tgt Ion:107 Resp: 19228
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

Manual Integrations
APPROVED

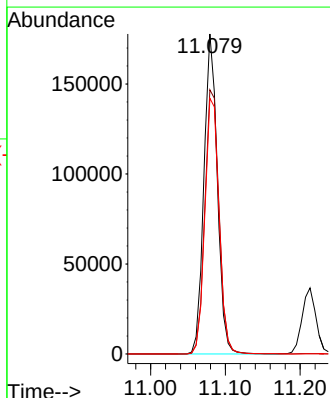
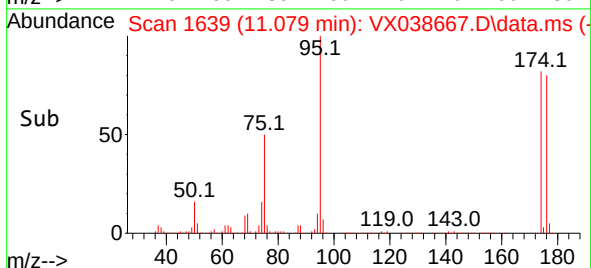
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

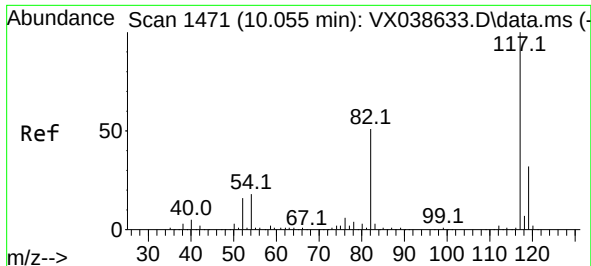


#62
4-Bromofluorobenzene
Concen: 50.127 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31



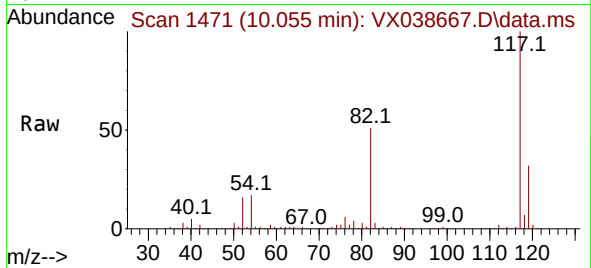
Tgt Ion: 95 Resp: 220957
Ion Ratio Lower Upper
95 100
174 88.1 0.0 135.6
176 85.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

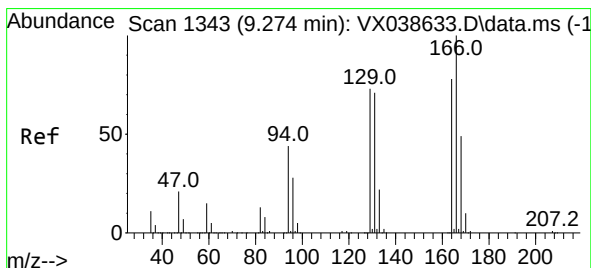
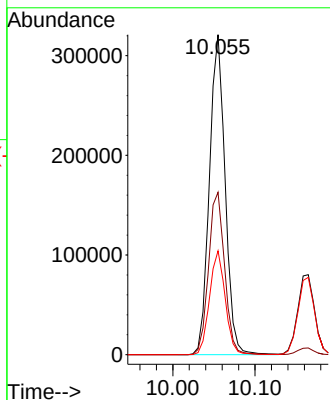
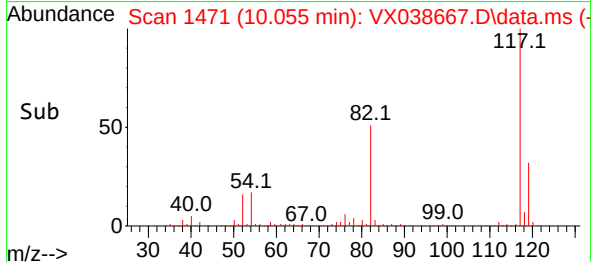
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 42705
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 32.5 25.5 38.3

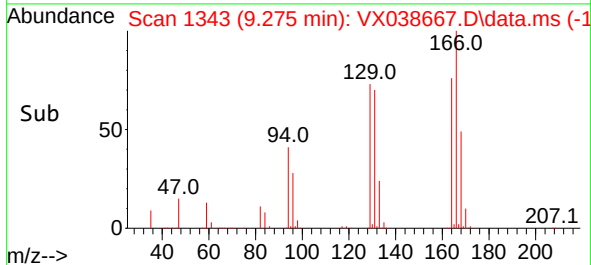
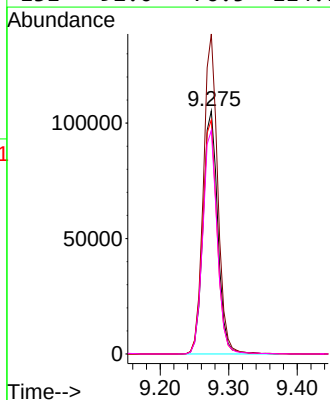
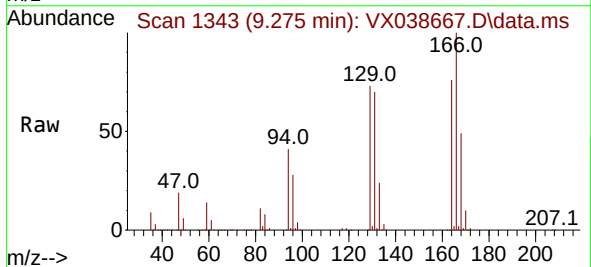
Manual Integrations
APPROVED

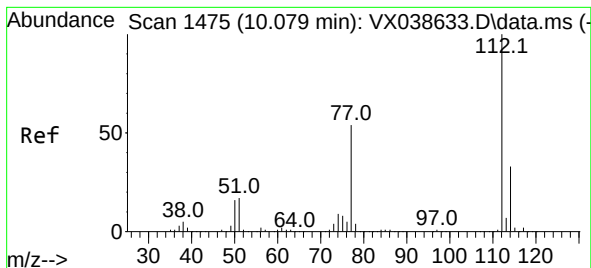
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#64
Tetrachloroethene
Concen: 48.802 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

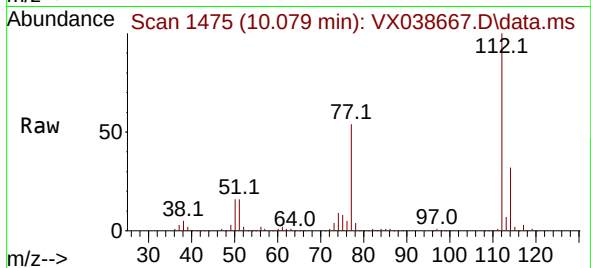
Tgt Ion:164 Resp: 156001
Ion Ratio Lower Upper
164 100
166 131.7 102.7 154.1
129 96.4 80.4 120.6
131 92.0 76.5 114.7





#65
Chlorobenzene
Concen: 51.288 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

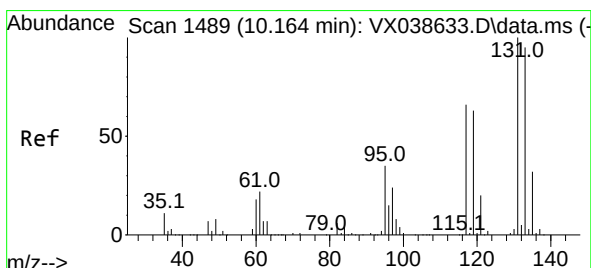
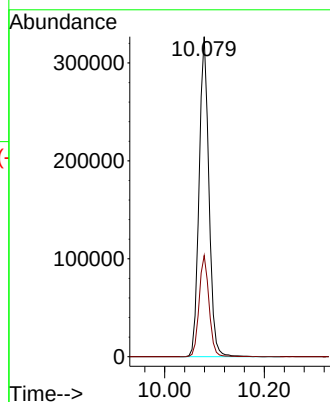
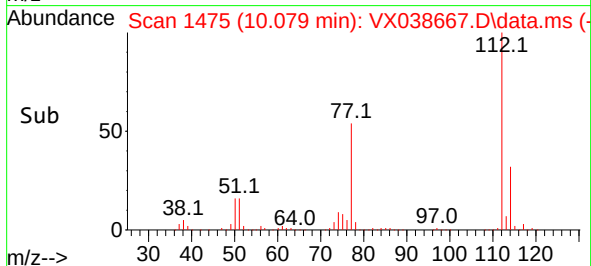
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 44586
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

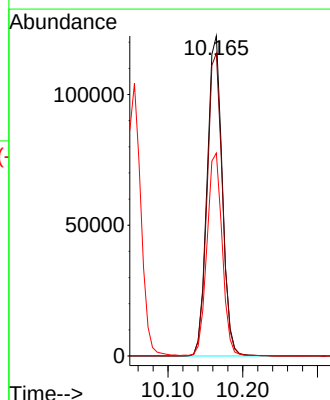
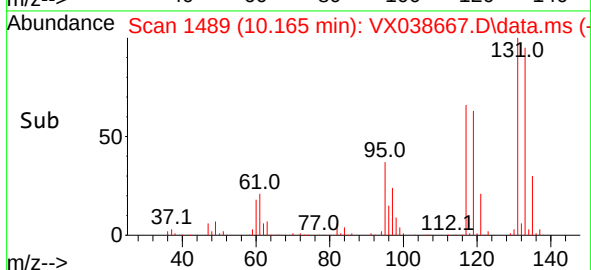
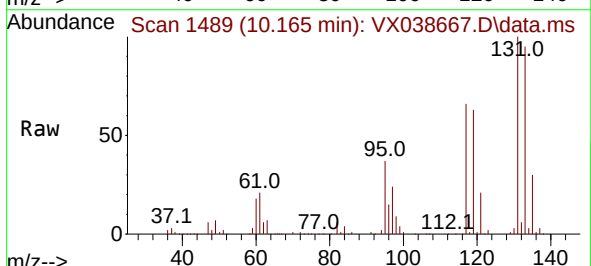
Manual Integrations
APPROVED

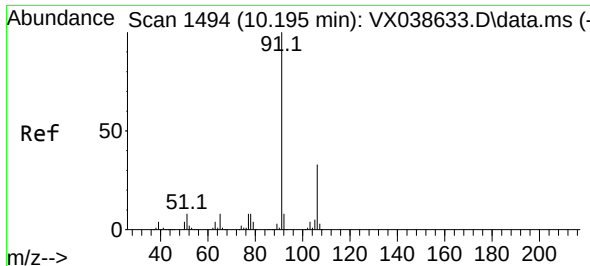
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.535 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion:131 Resp: 171687
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 64.2 32.2 96.6





#67

Ethyl Benzene

Concen: 50.981 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 749678

Ion Ratio Lower Upper

91 100

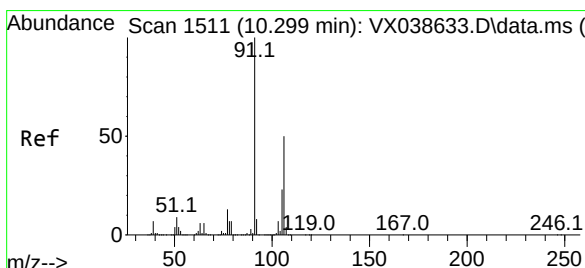
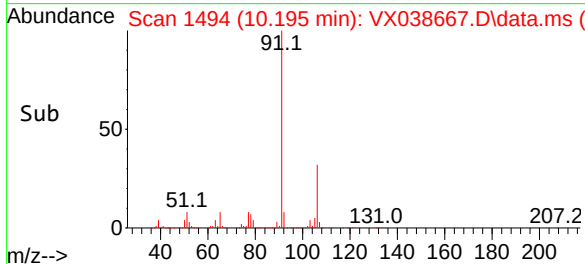
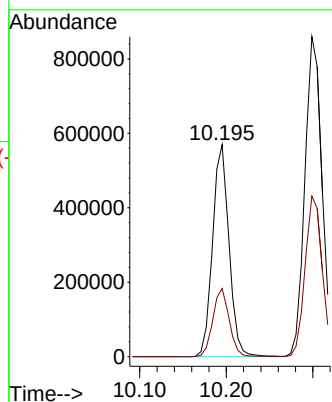
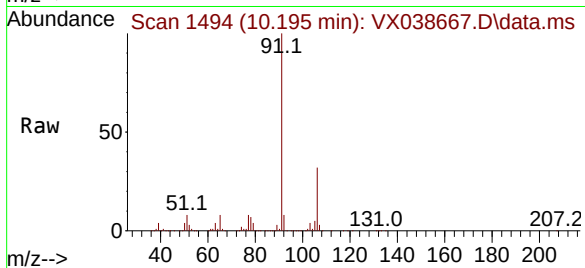
106 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#68

m/p-Xylenes

Concen: 102.423 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038667.D

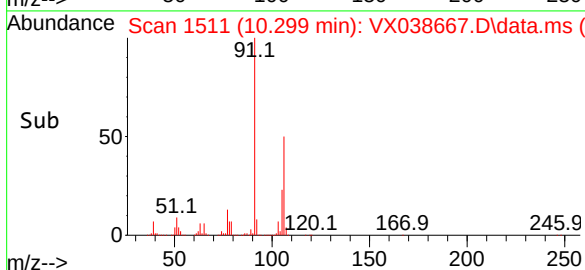
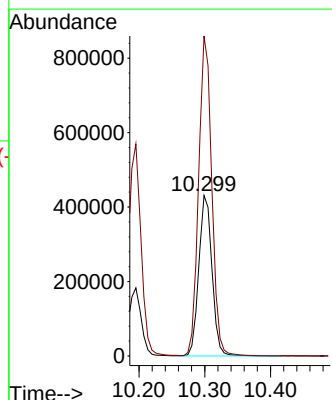
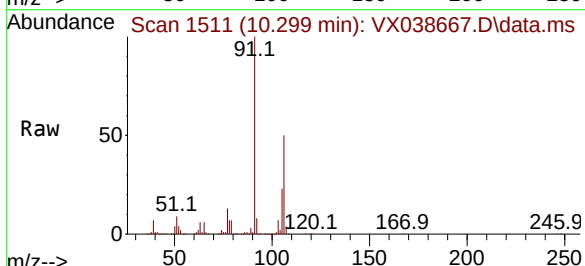
Acq: 08 Nov 2023 19:31

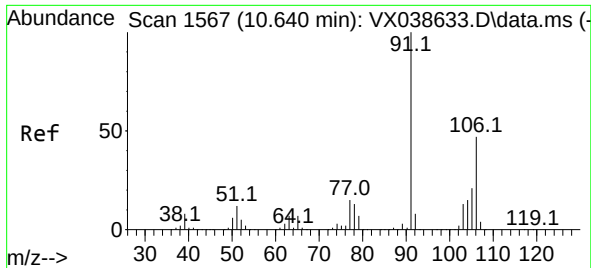
Tgt Ion:106 Resp: 597761

Ion Ratio Lower Upper

106 100

91 199.0 165.5 248.3





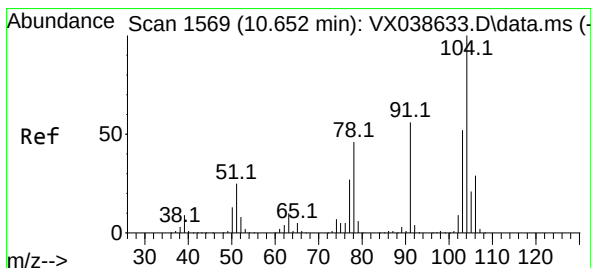
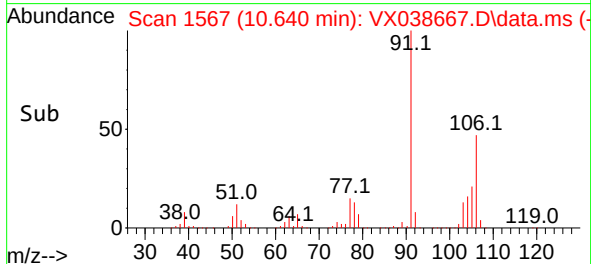
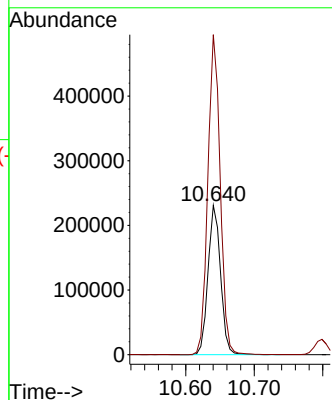
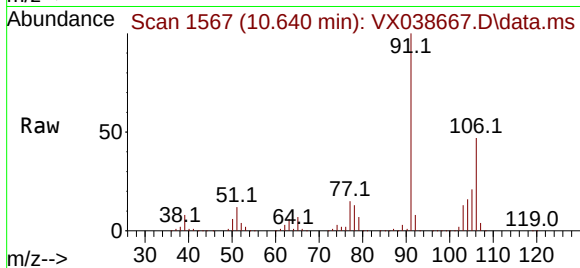
#69
o-Xylene
Concen: 51.855 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 294300
Ion Ratio Lower Upper
106 100
91 211.2 108.9 326.8

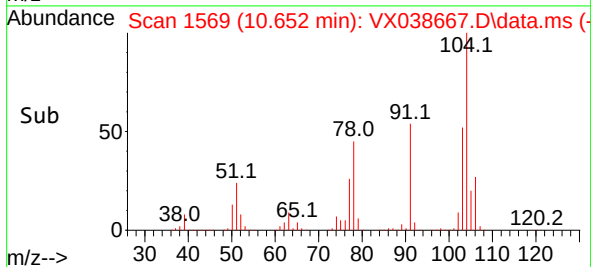
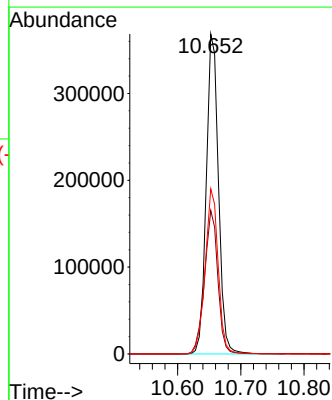
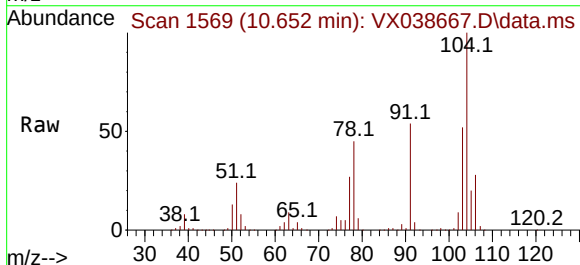
Manual Integrations
APPROVED

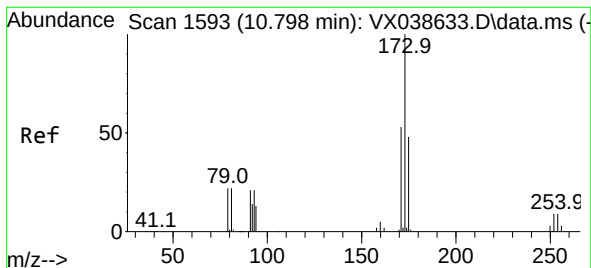
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#70
Styrene
Concen: 52.923 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion:104 Resp: 495729
Ion Ratio Lower Upper
104 100
78 49.1 43.6 65.4
103 55.3 43.6 65.4





#71

Bromoform

Concen: 53.995 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 155749

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

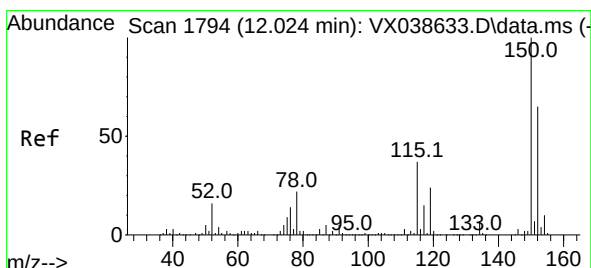
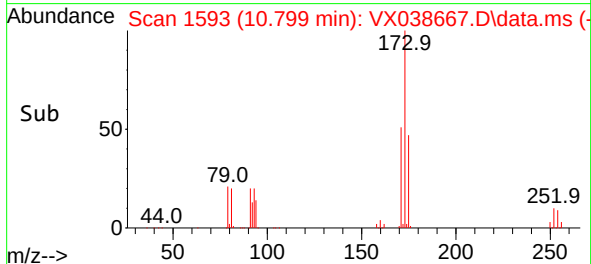
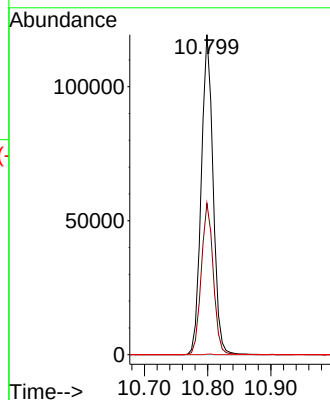
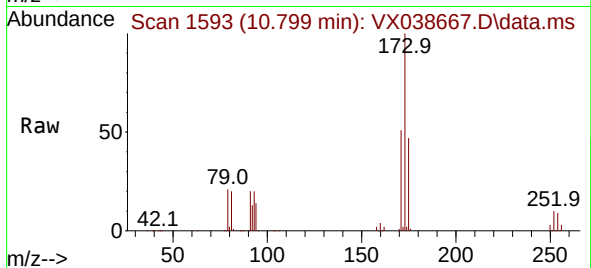
254 0.1 0.0 0.0

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: VX038667.D

Acq: 08 Nov 2023 19:31

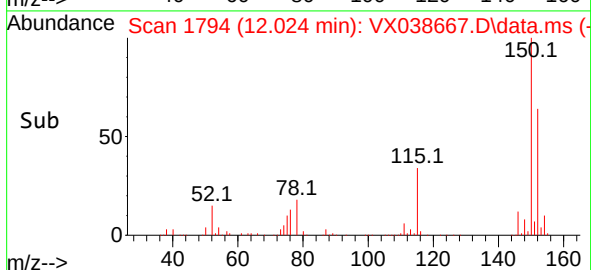
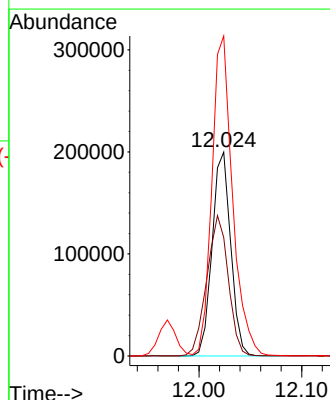
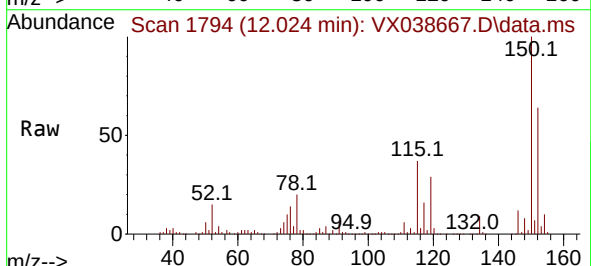
Tgt Ion:152 Resp: 250087

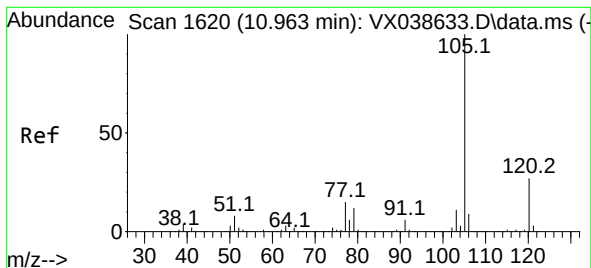
Ion Ratio Lower Upper

152 100

115 80.1 43.3 129.9

150 174.5 0.0 345.0





#73

Isopropylbenzene

Concen: 49.692 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 76241

Ion Ratio Lower Upper

105 100

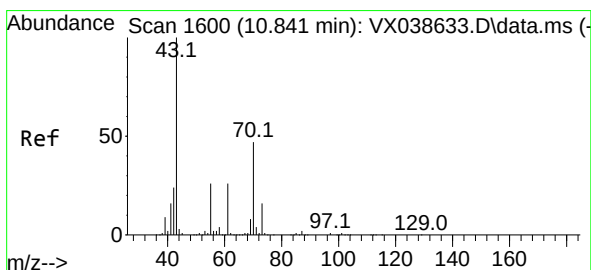
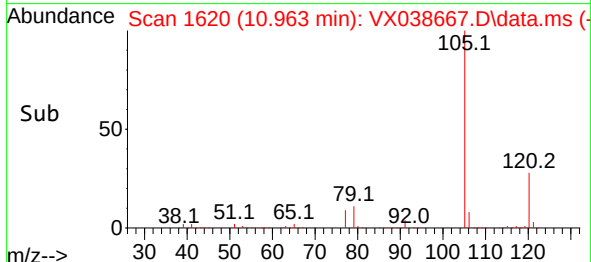
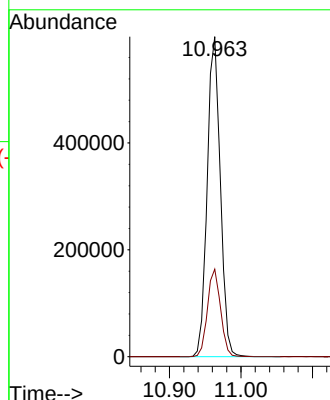
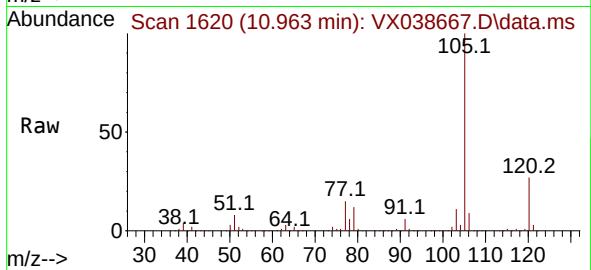
120 27.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#74

N-ethyl acetate

Concen: 52.548 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Tgt Ion: 43 Resp: 280127

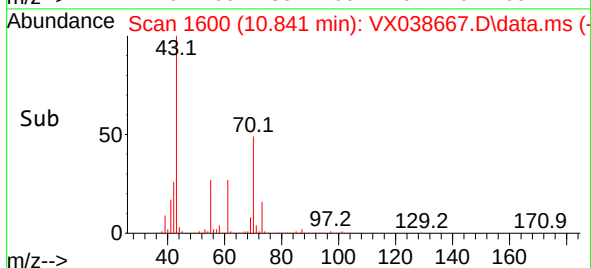
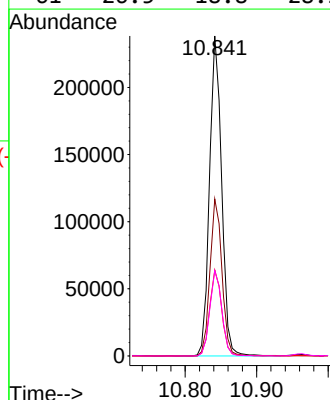
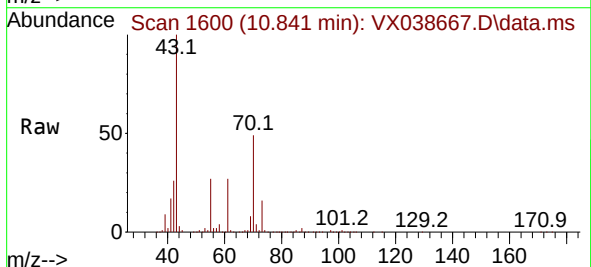
Ion Ratio Lower Upper

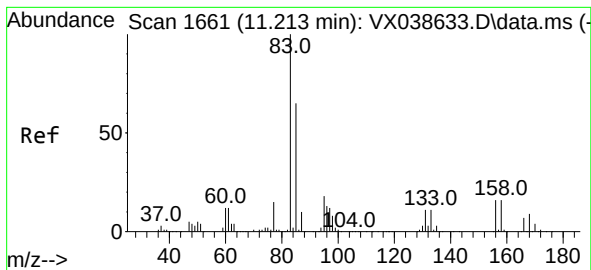
43 100

70 48.7 32.9 49.3

55 26.9 19.3 28.9

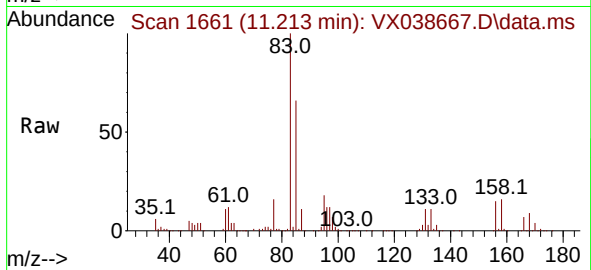
61 26.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.658 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

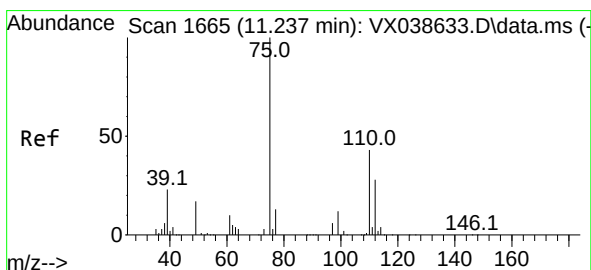
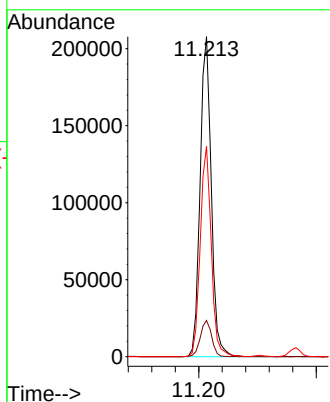
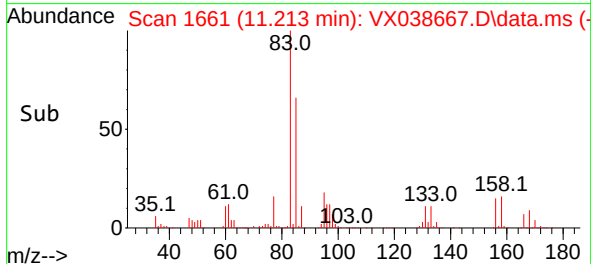
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



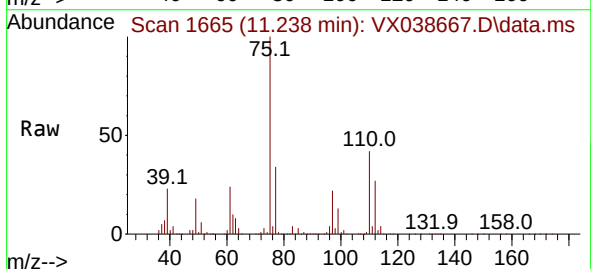
Tgt Ion: 83 Resp: 274000
Ion Ratio Lower Upper
83 100
131 11.5 5.3 15.8
85 64.9 32.0 96.2

Manual Integrations
APPROVED

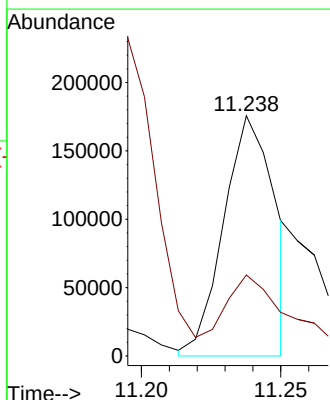
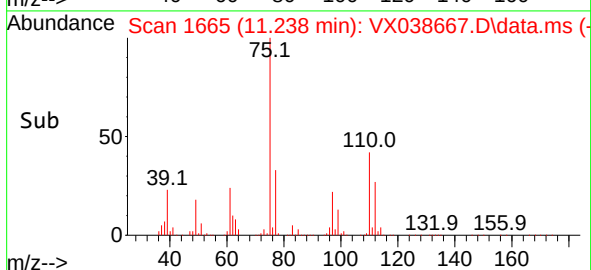
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

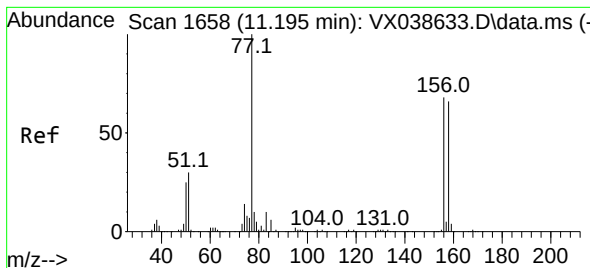


#76
1,2,3-Trichloropropane
Concen: 45.122 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31



Tgt Ion: 75 Resp: 223489
Ion Ratio Lower Upper
75 100
77 44.1 19.1 57.5





#77

Bromobenzene

Concen: 50.112 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

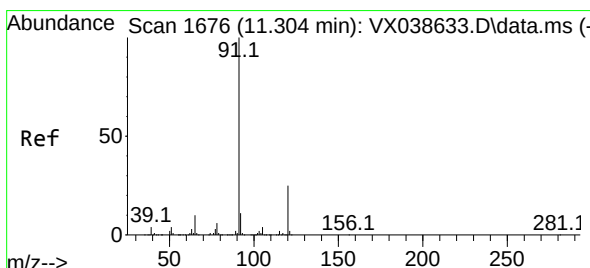
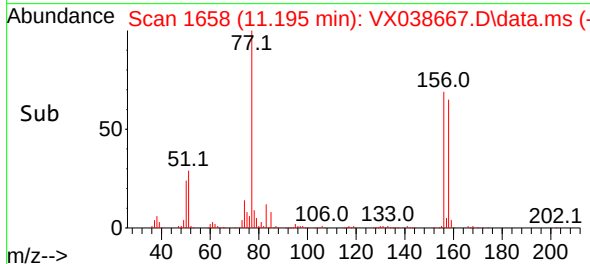
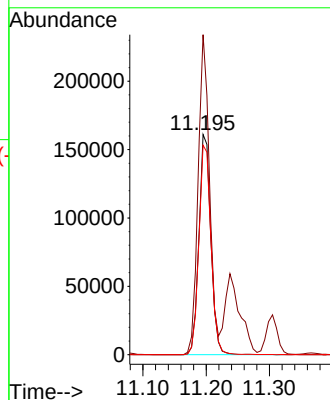
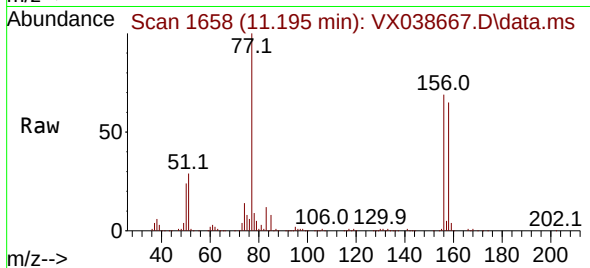
Tgt Ion:	156	Resp:	21101
Ion Ratio	Lower	Upper	
156	100		
77	138.9	88.4	265.3
158	96.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#78

n-propylbenzene

Concen: 49.524 ug/l

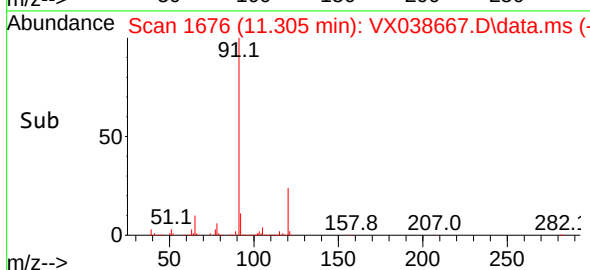
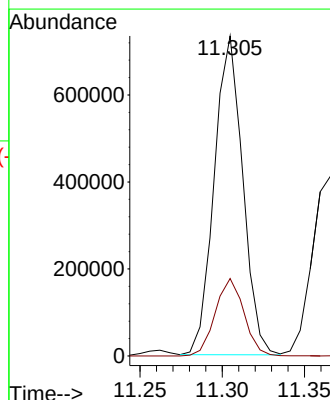
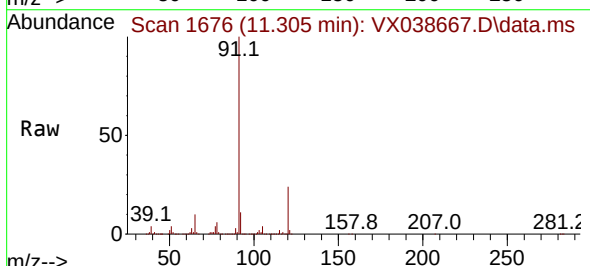
RT: 11.305 min Scan# 1676

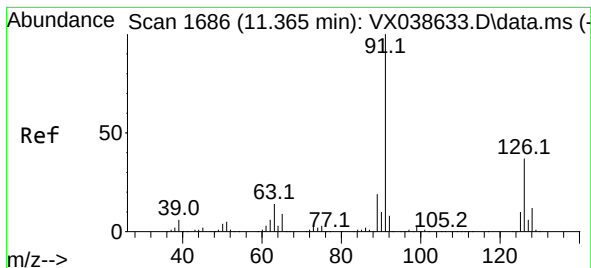
Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Tgt Ion:	91	Resp:	884195
Ion Ratio	Lower	Upper	
91	100		
120	24.5	11.5	34.4





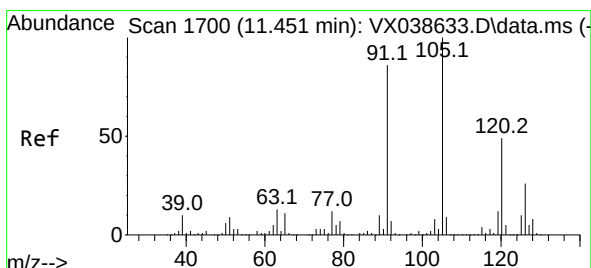
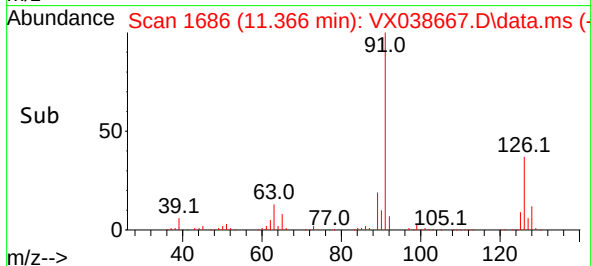
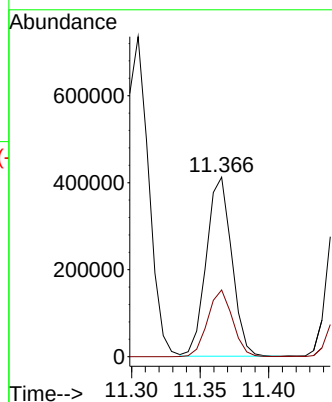
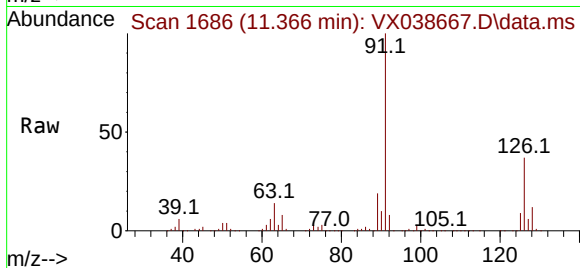
#79
2-Chlorotoluene
Concen: 49.542 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 529560
Ion Ratio Lower Upper
91 100
126 36.6 16.3 48.8

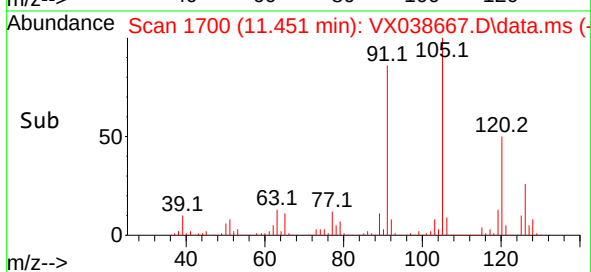
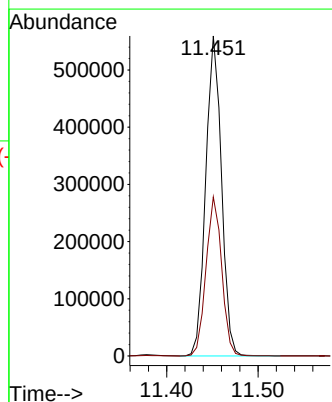
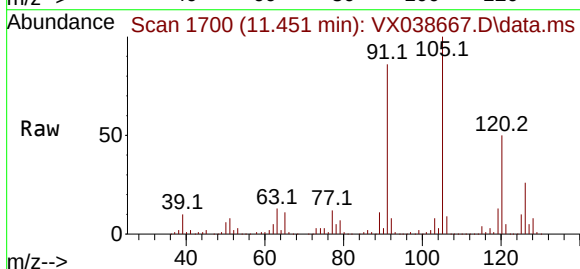
Manual Integrations
APPROVED

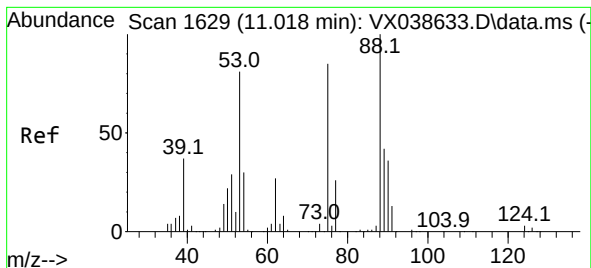
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.476 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion:105 Resp: 666518
Ion Ratio Lower Upper
105 100
120 49.5 24.1 72.3





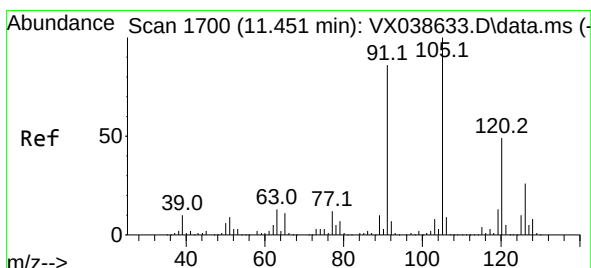
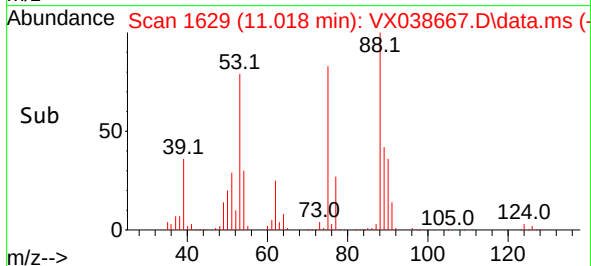
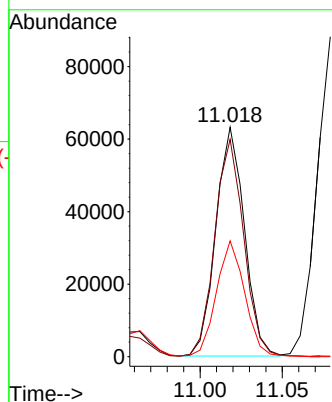
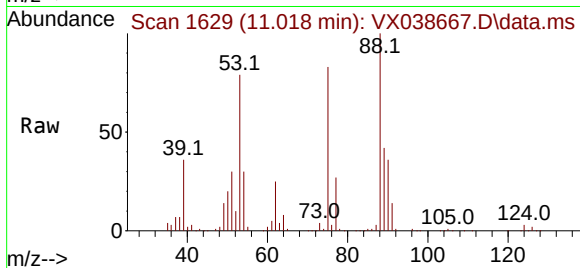
#81
trans-1,4-Dichloro-2-butene
Concen: 48.329 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 76238
Ion Ratio Lower Upper
75 100
53 96.3 90.5 135.7
89 50.3 36.9 55.3

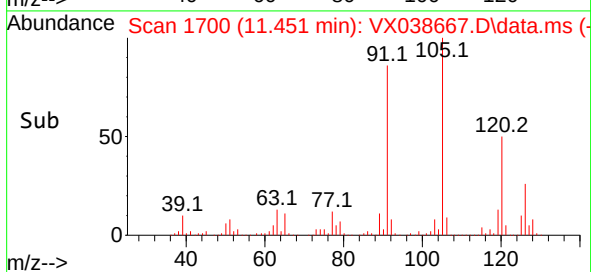
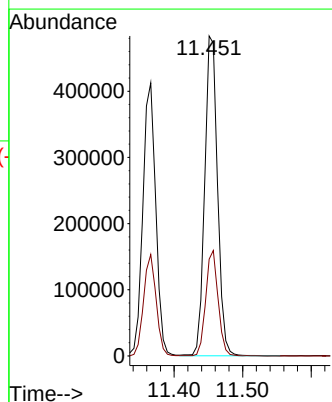
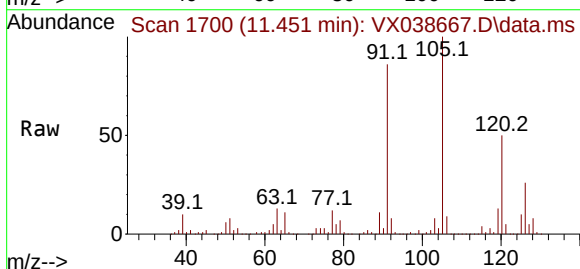
Manual Integrations
APPROVED

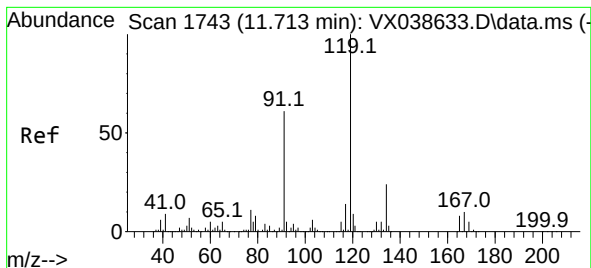
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#82
4-Chlorotoluene
Concen: 50.384 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion: 91 Resp: 629169
Ion Ratio Lower Upper
91 100
126 32.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.879 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

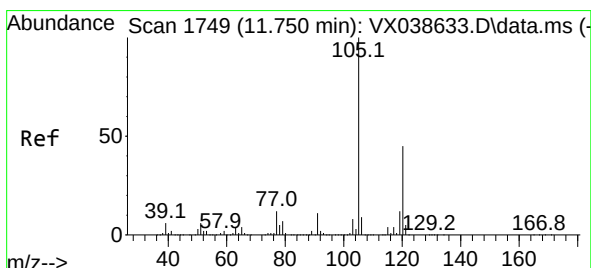
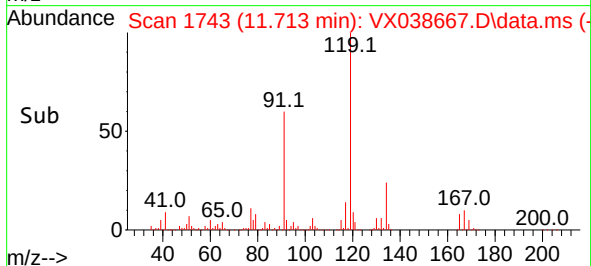
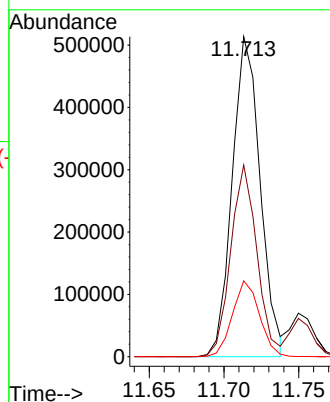
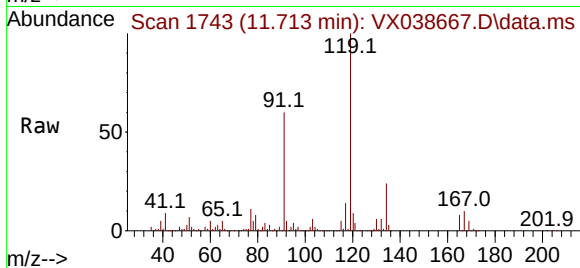
Tgt Ion:119 Resp: 667386
 Ion Ratio Lower Upper
 119 100
 91 56.2 31.2 93.6
 134 23.0 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.901 ug/l

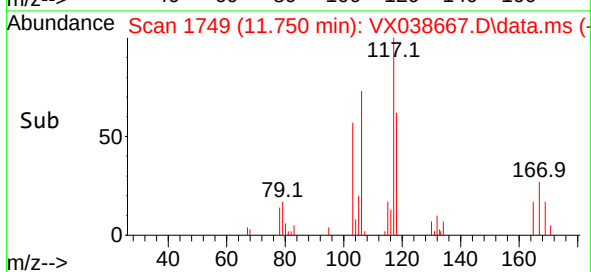
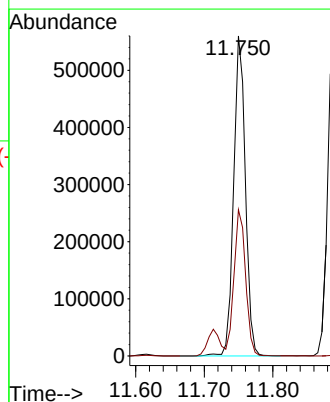
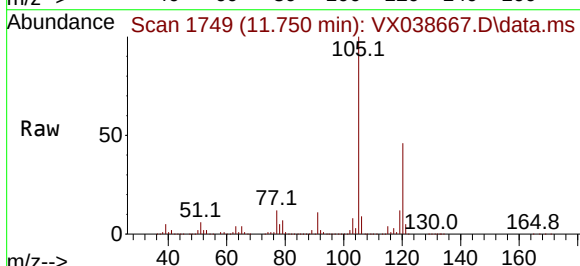
RT: 11.750 min Scan# 1749

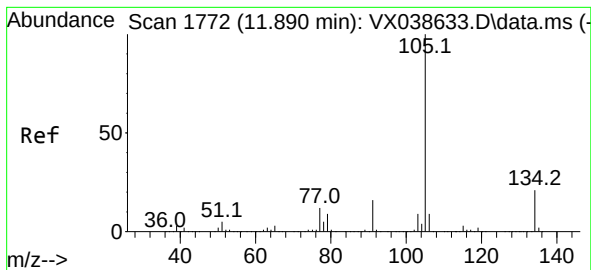
Delta R.T. 0.000 min

Lab File: VX038667.D

Acq: 08 Nov 2023 19:31

Tgt Ion:105 Resp: 666643
 Ion Ratio Lower Upper
 105 100
 120 45.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.256 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038667.D
 Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

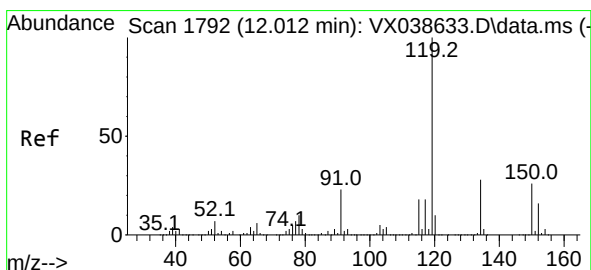
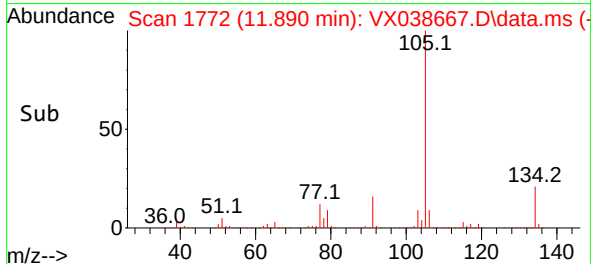
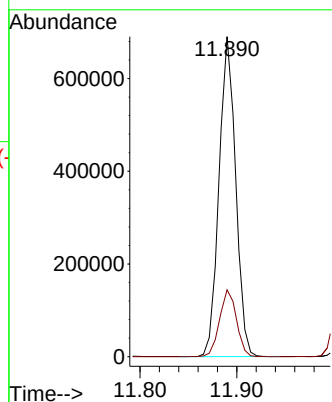
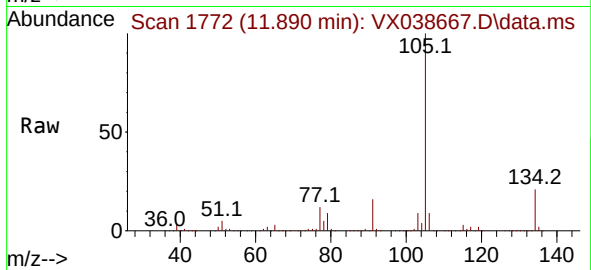
VSTDCCC050EC

Tgt Ion:105 Resp: 822352
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.8 29.4

Manual Integrations

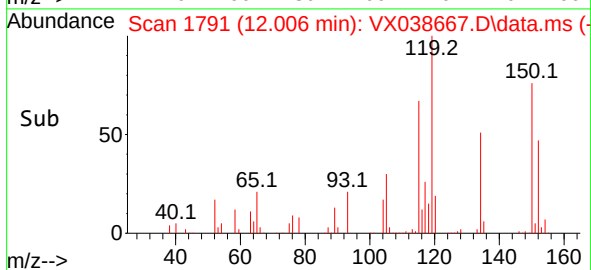
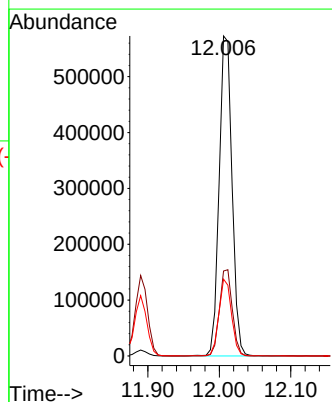
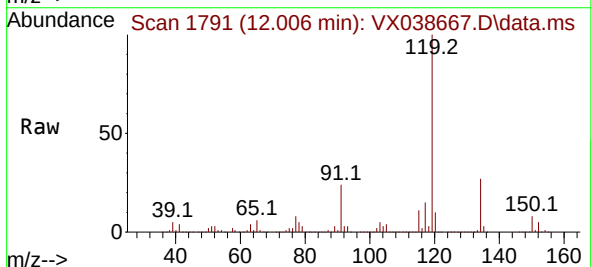
APPROVED

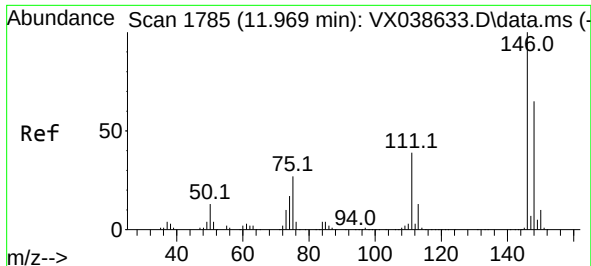
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#86
 p-Isopropyltoluene
 Concen: 50.389 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038667.D
 Acq: 08 Nov 2023 19:31

Tgt Ion:119 Resp: 716655
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 23.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.469 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038667.D

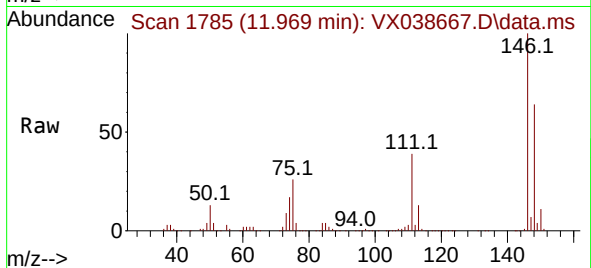
Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 398250

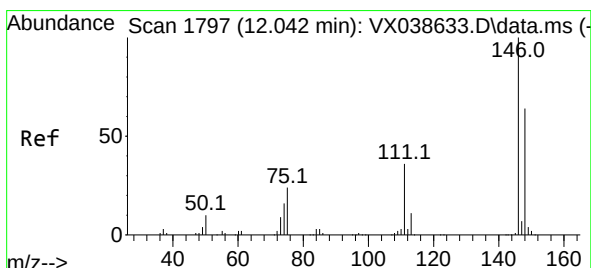
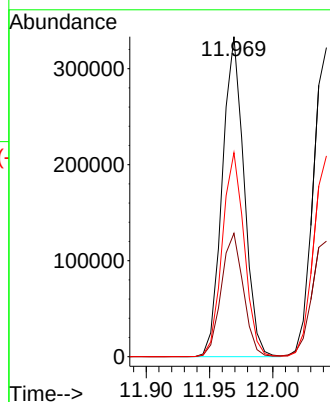
Ion	Ratio	Lower	Upper
146	100		
111	39.1	22.1	66.1
148	64.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#88

1,4-Dichlorobenzene

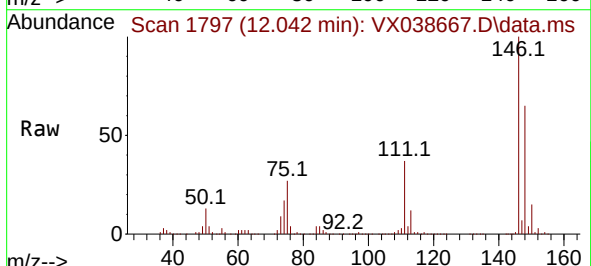
Concen: 48.832 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

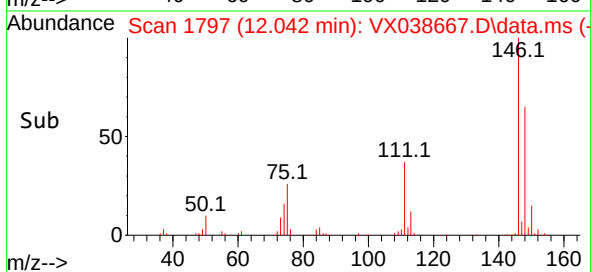
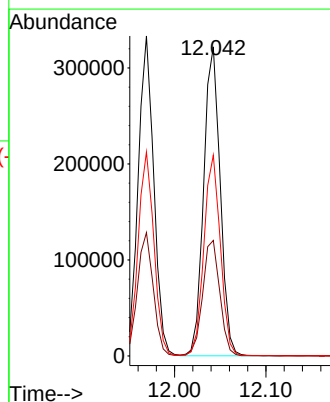
Lab File: VX038667.D

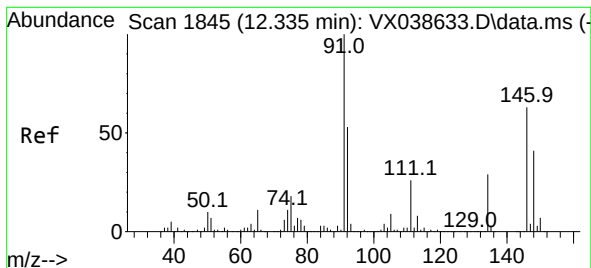
Acq: 08 Nov 2023 19:31



Tgt Ion:146 Resp: 404081

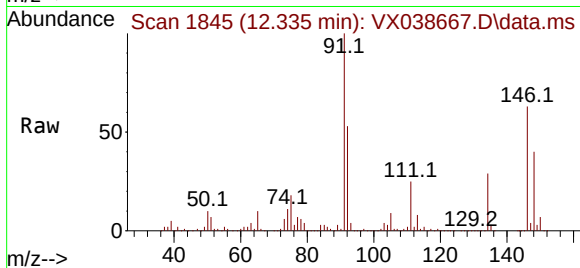
Ion	Ratio	Lower	Upper
146	100		
111	38.9	21.3	63.7
148	64.6	31.8	95.4





#89
n-Butylbenzene
Concen: 49.214 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

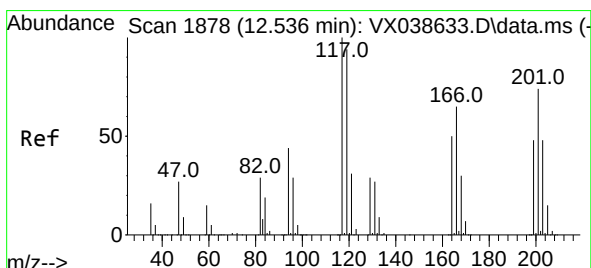
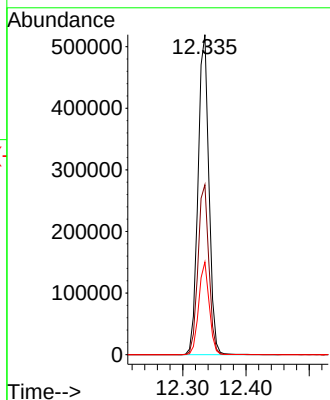
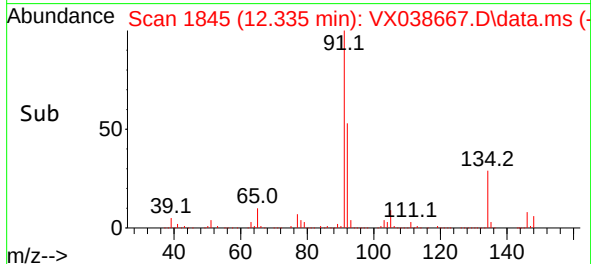
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 622870
Ion Ratio Lower Upper
91 100
92 53.1 27.4 82.0
134 27.9 12.6 37.8

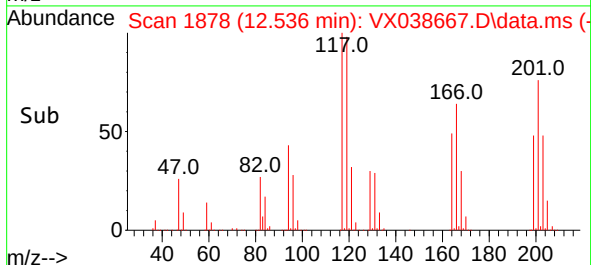
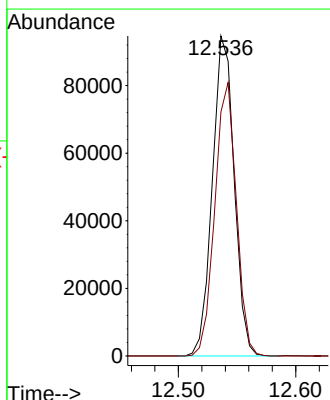
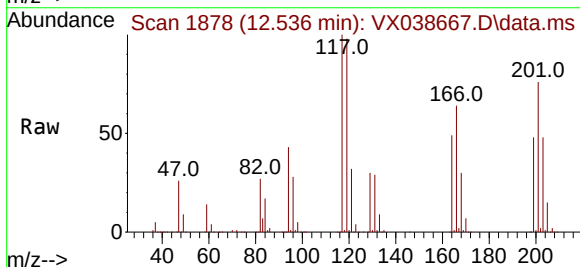
Manual Integrations
APPROVED

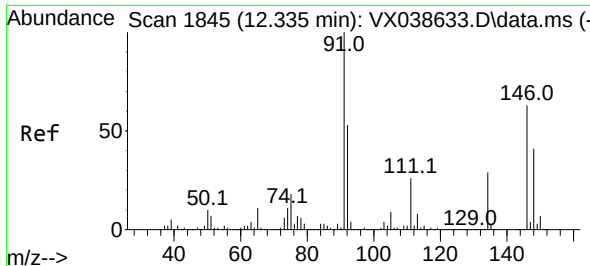
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#90
Hexachloroethane
Concen: 50.758 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion:117 Resp: 122280
Ion Ratio Lower Upper
117 100
201 84.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.168 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

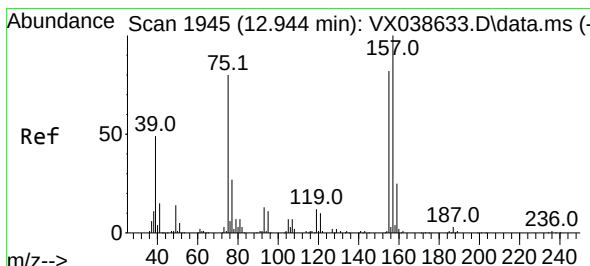
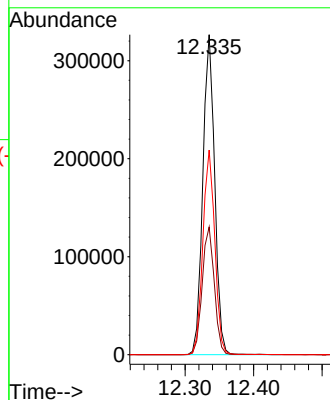
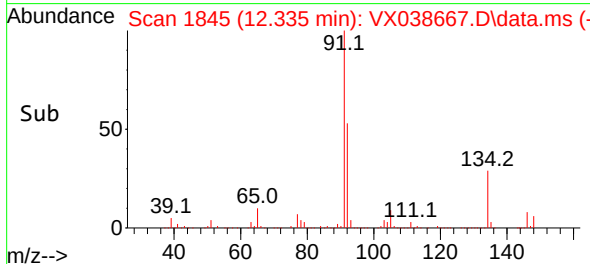
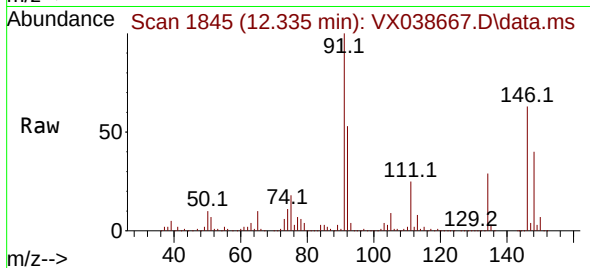
Tgt Ion:146 Resp: 394435
Ion Ratio Lower Upper
146 100
111 40.8 22.4 67.0
148 64.5 31.6 95.0

Manual Integrations

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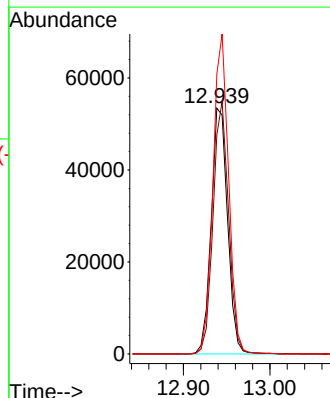
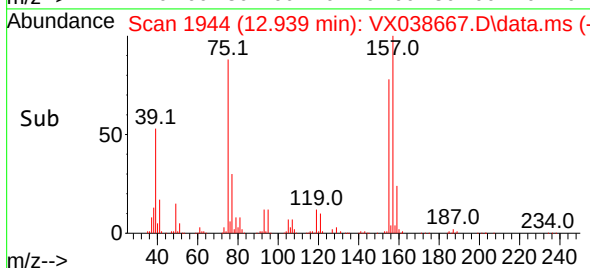
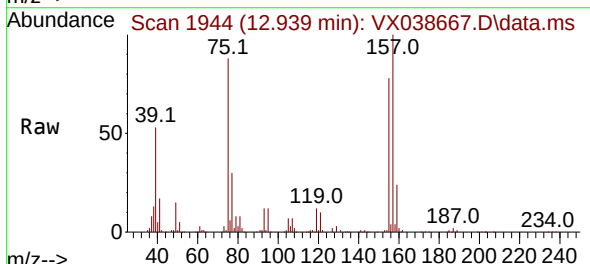
Reviewed By :John Carlone 11/09/2023

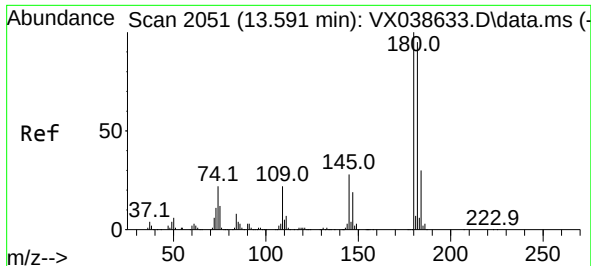
Supervised By :Semsettin Yesilyurt 11/09/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.675 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Tgt Ion: 75 Resp: 70221
Ion Ratio Lower Upper
75 100
155 97.6 36.1 108.5
157 123.6 44.9 134.7





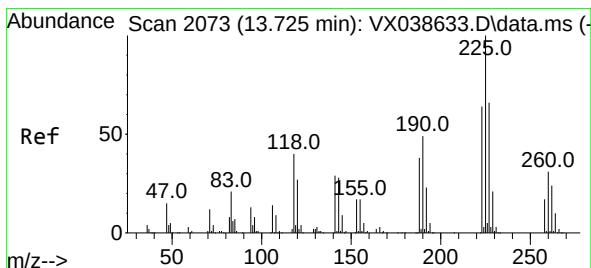
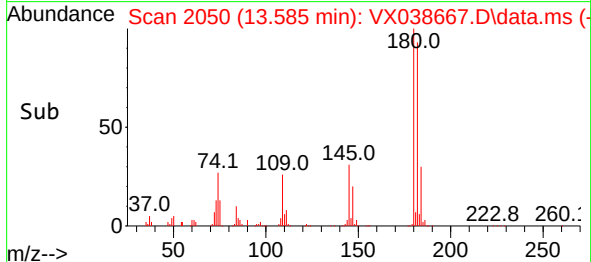
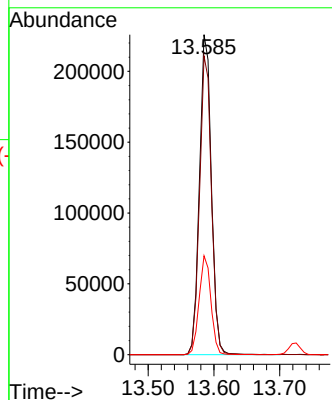
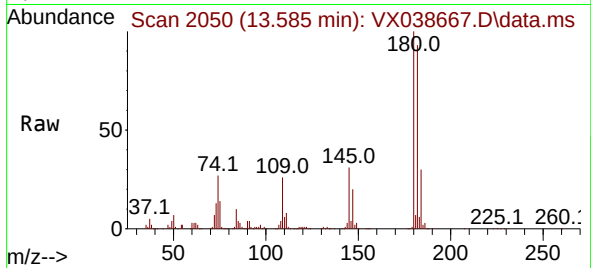
#93
1,2,4-Trichlorobenzene
Concen: 50.233 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 28248
Ion Ratio Lower Upper
180 100
182 93.5 48.3 144.8
145 30.7 18.0 54.0

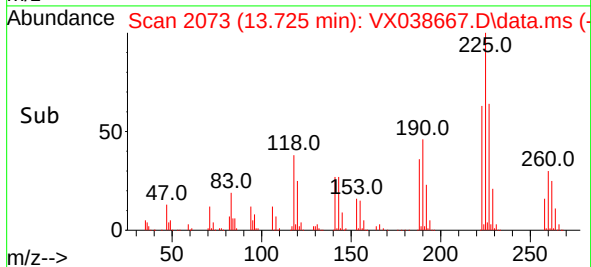
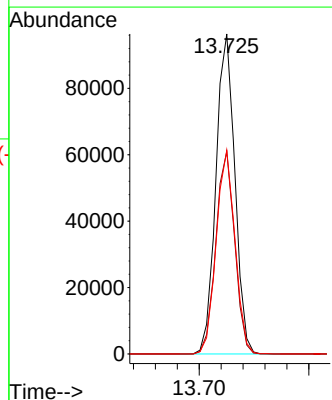
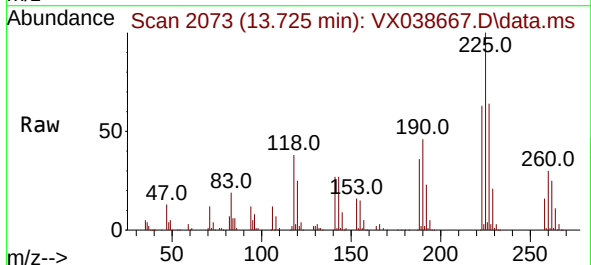
Manual Integrations
APPROVED

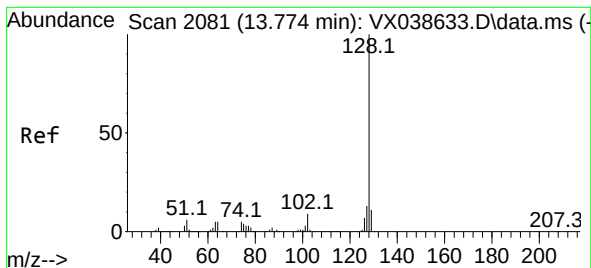
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#94
Hexachlorobutadiene
Concen: 47.666 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

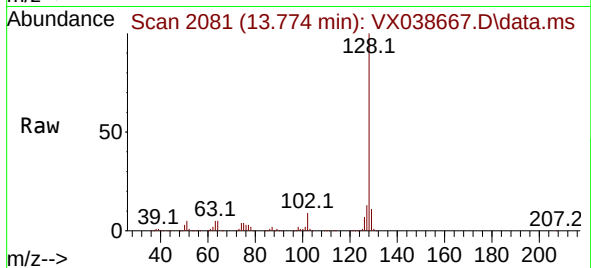
Tgt Ion:225 Resp: 115664
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.2
227 63.1 32.5 97.5





#95
Naphthalene
Concen: 52.742 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31

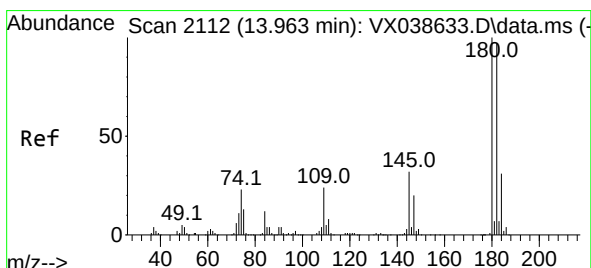
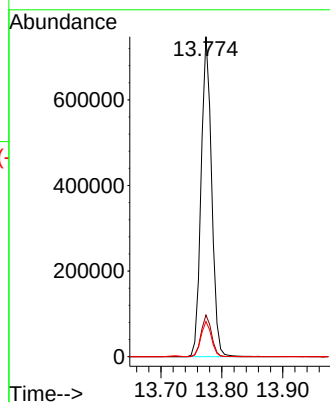
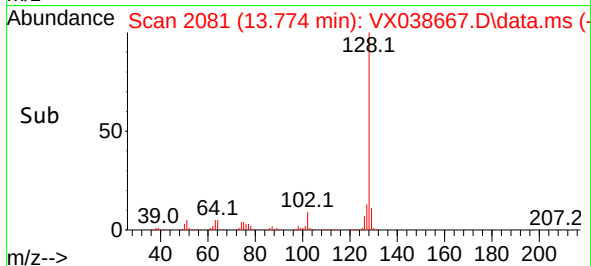
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



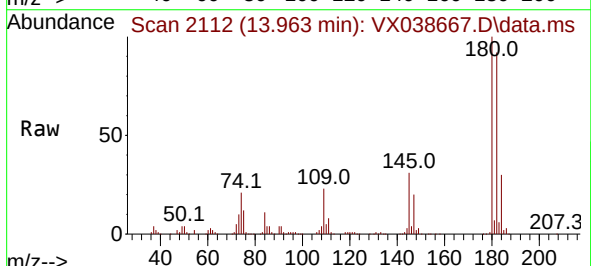
Tgt Ion:128 Resp: 89465
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.833 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038667.D
Acq: 08 Nov 2023 19:31



Tgt Ion:180 Resp: 276216
Ion Ratio Lower Upper
180 100
182 94.0 46.9 140.6
145 32.5 17.8 53.5

