

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038642.D
 Acq On : 08 Nov 2023 08:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 09 01:17:11 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	364430	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	545960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	523006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	297935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	216724	47.768	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.540%		
35) Dibromofluoromethane	5.379	113	194198	49.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.780%		
50) Toluene-d8	8.647	98	695948	49.460	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.920%		
62) 4-Bromofluorobenzene	11.079	95	277730	50.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	182693	48.273	ug/l	99
3) Chloromethane	1.294	50	141630	43.297	ug/l	95
4) Vinyl Chloride	1.374	62	158685	45.569	ug/l	99
5) Bromomethane	1.599	94	129878	48.321	ug/l	97
6) Chloroethane	1.685	64	97945	44.421	ug/l	97
7) Trichlorofluoromethane	1.886	101	280888	46.787	ug/l	99
8) Diethyl Ether	2.130	74	91813	44.549	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	167673	47.235	ug/l	90
10) Methyl Iodide	2.453	142	228782	52.185	ug/l	91
11) Tert butyl alcohol	2.953	59	181553	195.747	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	154343	45.381	ug/l	82
13) Acrolein	2.233	56	161623	229.916	ug/l	100
14) Allyl chloride	2.660	41	221912	45.554	ug/l	# 94
15) Acrylonitrile	3.056	53	439900	224.739	ug/l	99
16) Acetone	2.374	43	442153	231.401	ug/l	91
17) Carbon Disulfide	2.508	76	412449	45.640	ug/l	99
18) Methyl Acetate	2.697	43	361800	44.444	ug/l	# 88
19) Methyl tert-butyl Ether	3.111	73	503871	46.329	ug/l	96
20) Methylene Chloride	2.788	84	171016	44.398	ug/l	# 83
21) trans-1,2-Dichloroethene	3.087	96	170954	46.171	ug/l	85
22) Diisopropyl ether	3.757	45	428470	46.668	ug/l	# 83
23) Vinyl Acetate	3.715	43	1567485	240.536	ug/l	# 92
24) 1,1-Dichloroethane	3.605	63	276443	45.511	ug/l	98
25) 2-Butanone	4.544	43	617538	223.100	ug/l	# 88
26) 2,2-Dichloropropane	4.471	77	250715	47.273	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	198462	46.417	ug/l	85
28) Bromochloromethane	4.891	49	126932	46.499	ug/l	# 61
29) Tetrahydrofuran	4.995	42	383742	222.825	ug/l	# 82
30) Chloroform	5.086	83	317780	44.588	ug/l	100
31) Cyclohexane	5.464	56	235696	46.939	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	289930	46.226	ug/l	96
36) 1,1-Dichloropropene	5.690	75	227415	46.559	ug/l	94
37) Ethyl Acetate	4.702	43	227207	45.560	ug/l	# 95
38) Carbon Tetrachloride	5.672	117	264118	48.369	ug/l	98
39) Methylcyclohexane	7.379	83	292712	47.931	ug/l	89
40) Benzene	6.031	78	652134	46.353	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	120051	47.251	ug/l #	88
42) 1,2-Dichloroethane	6.080	62	240888	47.453	ug/l	96
43) Isopropyl Acetate	6.330	43	358611	46.774	ug/l #	92
44) Trichloroethene	7.123	130	205780	47.010	ug/l	95
45) 1,2-Dichloropropane	7.428	63	161040	47.351	ug/l	100
46) Dibromomethane	7.574	93	133826	47.052	ug/l #	87
47) Bromodichloromethane	7.818	83	246271	46.041	ug/l	96
48) Methyl methacrylate	7.690	41	175690	47.550	ug/l #	85
49) 1,4-Dioxane	7.653	88	74026	880.062	ug/l #	83
51) 4-Methyl-2-Pentanone	8.568	43	1161382	232.496	ug/l	93
52) Toluene	8.714	92	437369	47.457	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	269668	49.519	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	280853	48.854	ug/l #	88
55) 1,1,2-Trichloroethane	9.147	97	185252	47.374	ug/l	96
56) Ethyl methacrylate	9.110	69	271340	49.595	ug/l	87
57) 1,3-Dichloropropane	9.305	76	287683	47.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	637847	237.119	ug/l	90
59) 2-Hexanone	9.427	43	937052	231.836	ug/l	91
60) Dibromochloromethane	9.519	129	213124	48.551	ug/l	100
61) 1,2-Dibromoethane	9.610	107	207934	47.314	ug/l	100
64) Tetrachloroethene	9.269	164	182404	46.593	ug/l	94
65) Chlorobenzene	10.079	112	505904	47.518	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	192467	48.088	ug/l	99
67) Ethyl Benzene	10.189	91	865972	48.085	ug/l	99
68) m/p-Xylenes	10.299	106	683854	95.676	ug/l	96
69) o-Xylene	10.640	106	333168	47.933	ug/l	96
70) Styrene	10.653	104	564326	49.193	ug/l	95
71) Bromoform	10.799	173	171672	48.596	ug/l #	100
73) Isopropylbenzene	10.957	105	884822	48.409	ug/l	96
74) N-amyl acetate	10.842	43	314092	49.457	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	291973	46.206	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	245401m	41.589	ug/l	
77) Bromobenzene	11.195	156	235164	46.879	ug/l	83
78) n-propylbenzene	11.305	91	1032327	48.535	ug/l	96
79) 2-Chlorotoluene	11.366	91	607171	47.680	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	768043	48.823	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	90055	47.958	ug/l	86
82) 4-Chlorotoluene	11.451	91	721606	48.505	ug/l	94
83) tert-Butylbenzene	11.713	119	769386	48.267	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	767369	49.182	ug/l	96
85) sec-Butylbenzene	11.890	105	956469	48.088	ug/l	97
86) p-Isopropyltoluene	12.006	119	835970	49.338	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	448860	46.801	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	457520	46.411	ug/l	98
89) n-Butylbenzene	12.329	91	741088	49.151	ug/l	96
90) Hexachloroethane	12.536	117	143125	49.869	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	440472	47.026	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	73854	46.503	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	323104	48.229	ug/l	97
94) Hexachlorobutadiene	13.725	225	138412	47.880	ug/l	100
95) Naphthalene	13.774	128	979165	48.454	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	314390	47.611	ug/l	98

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

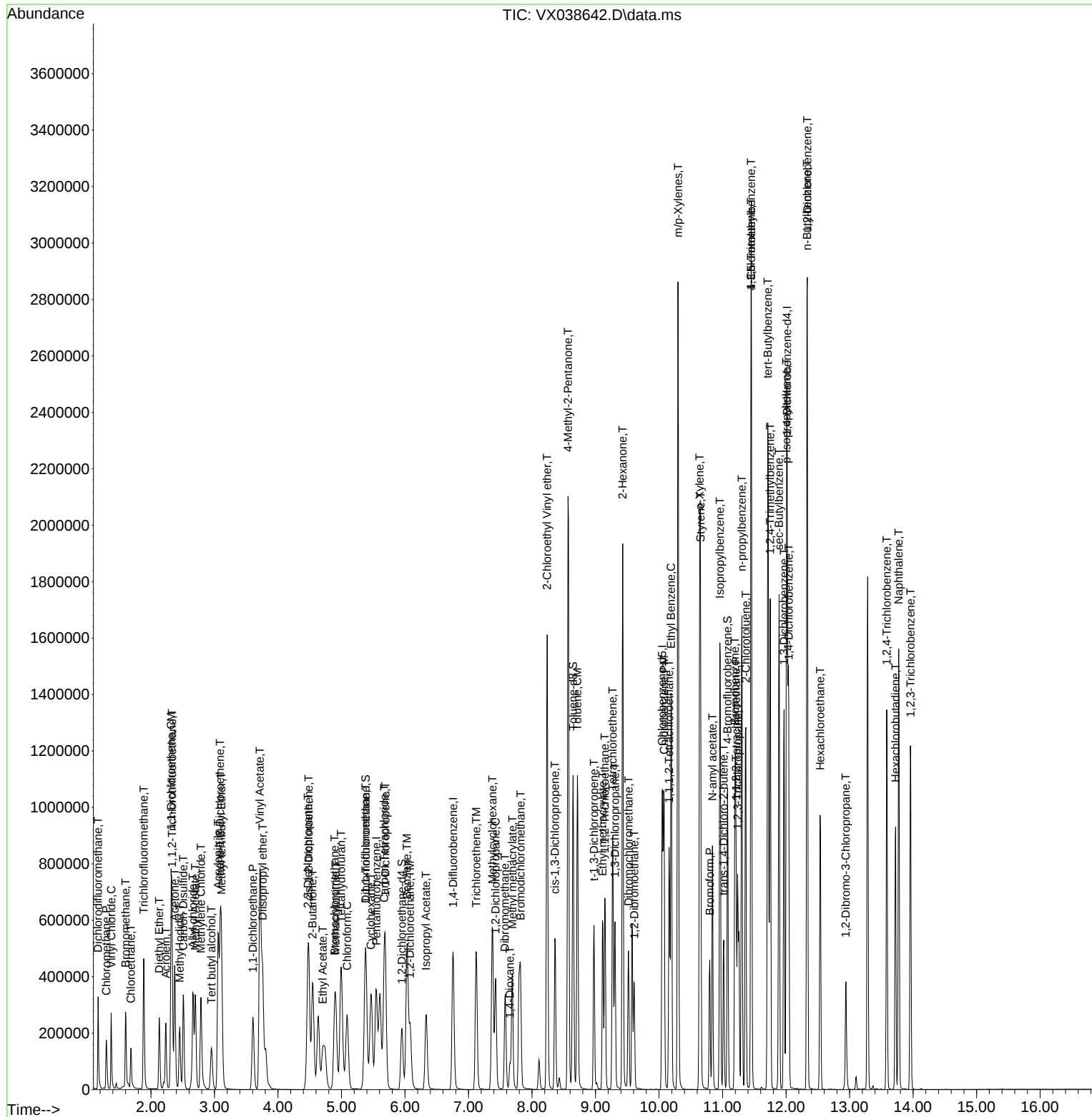
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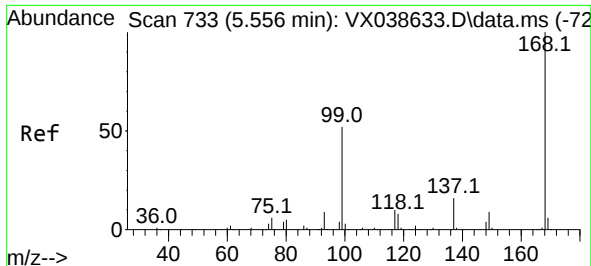
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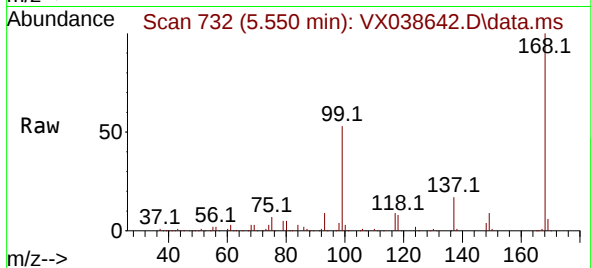
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

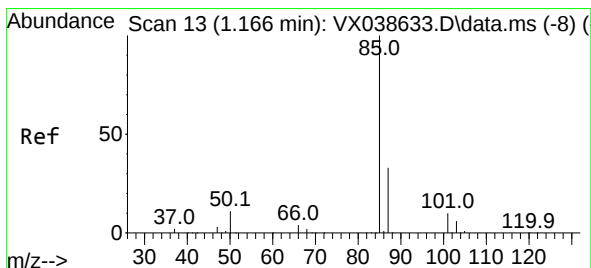
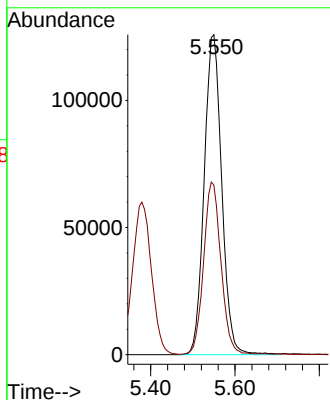
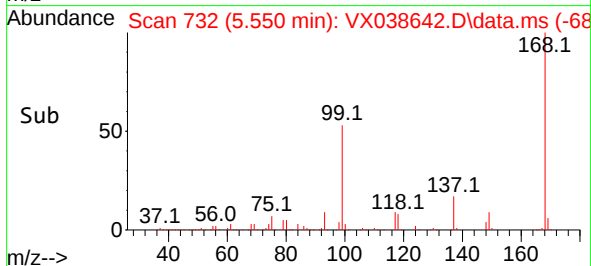
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 364430
Ion Ratio Lower Upper
168 100
99 52.9 56.6 85.0

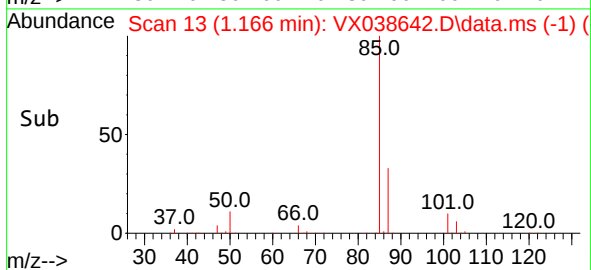
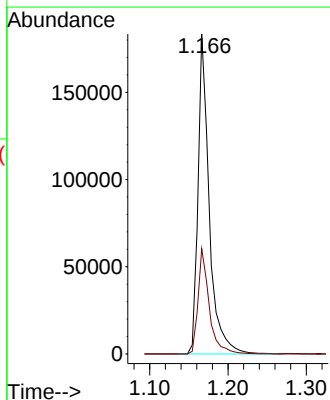
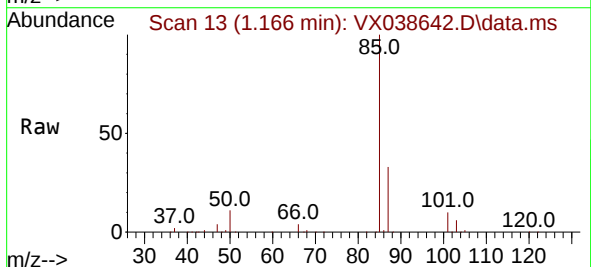
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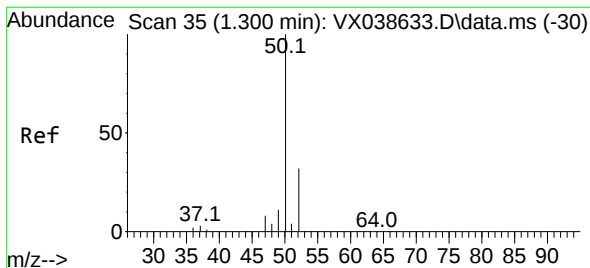
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#2
Dichlorodifluoromethane
Concen: 48.273 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion: 85 Resp: 182693
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





#3

Chloromethane

Concen: 43.297 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 141630

Ion Ratio Lower Upper

50 100

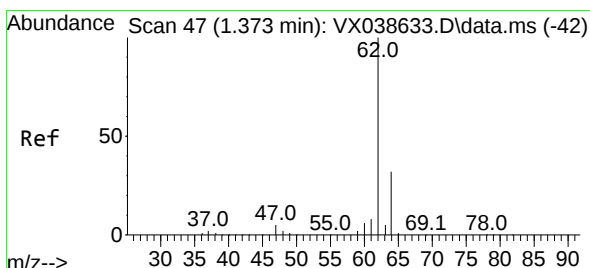
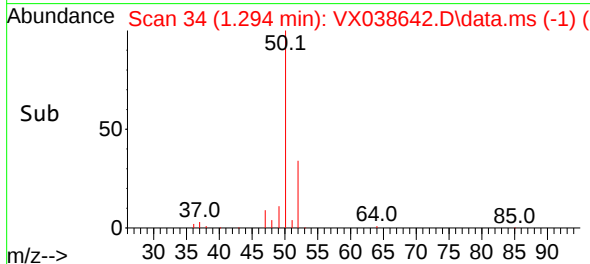
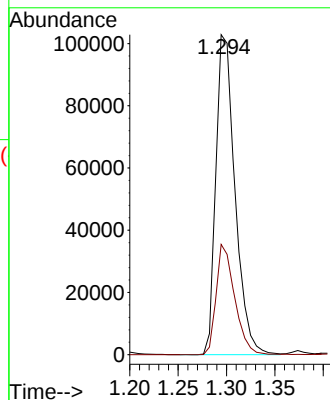
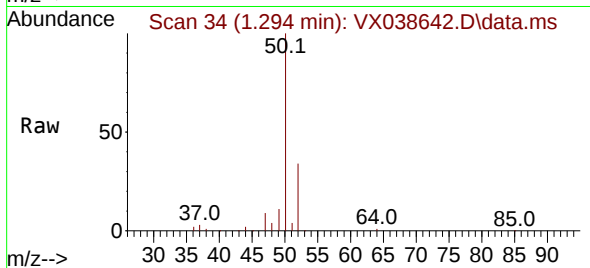
52 34.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

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#4

Vinyl Chloride

Concen: 45.569 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038642.D

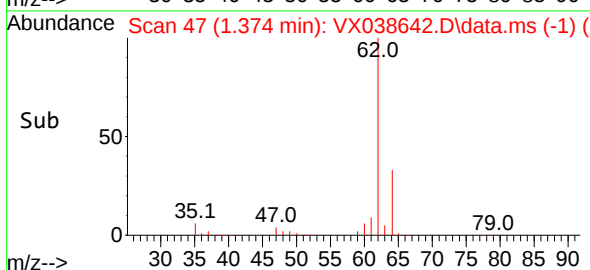
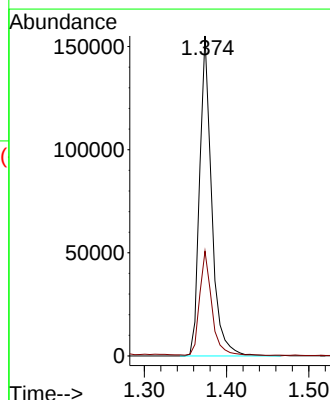
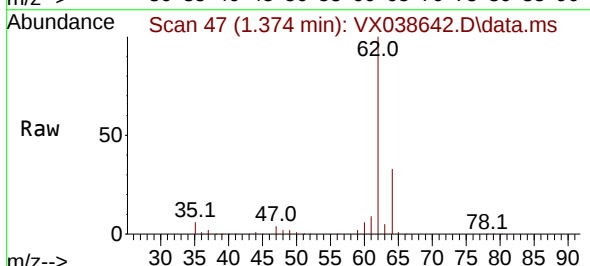
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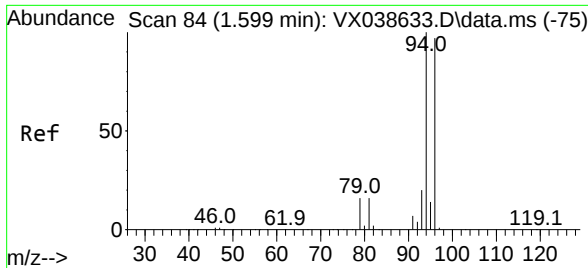
Tgt Ion: 62 Resp: 158685

Ion Ratio Lower Upper

62 100

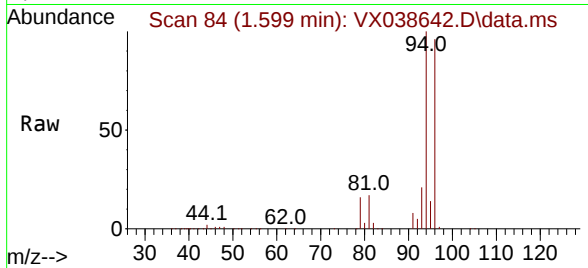
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 48.321 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

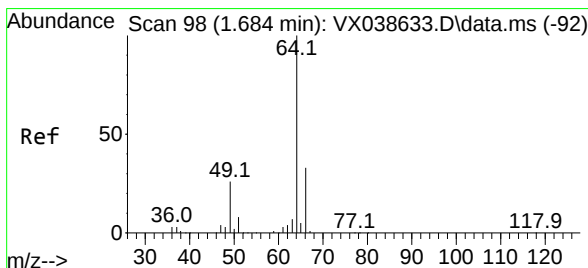
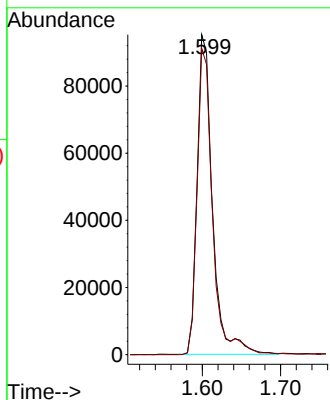
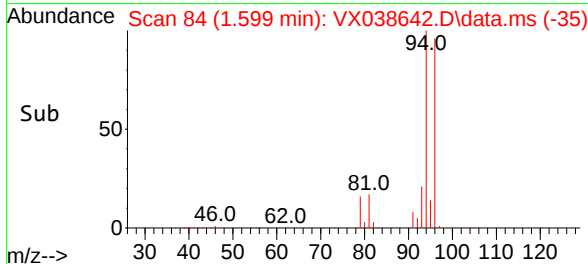
Instrument :
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Tgt Ion: 94 Resp: 129878
Ion Ratio Lower Upper
94 100
96 95.8 74.6 111.8

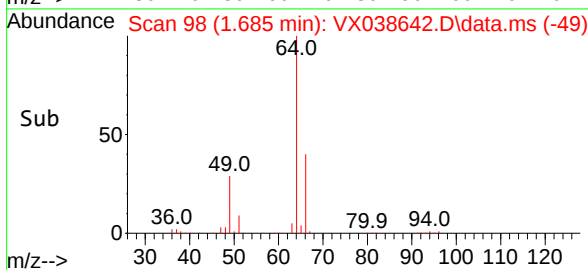
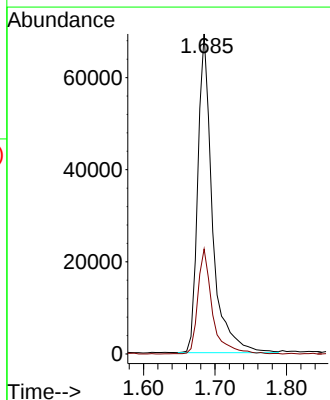
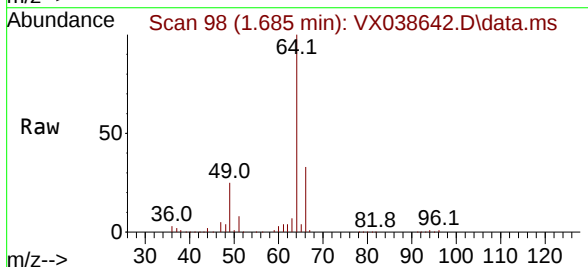
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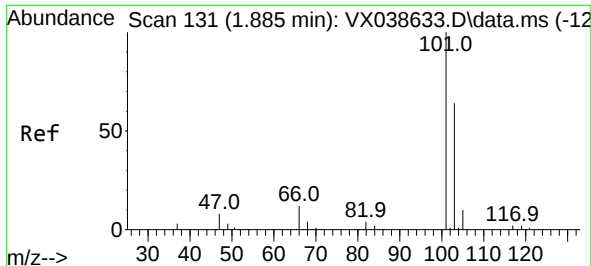
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#6
Chloroethane
Concen: 44.421 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion: 64 Resp: 97945
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 46.787 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038642.D
 Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

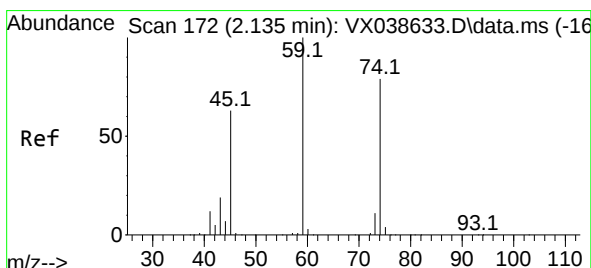
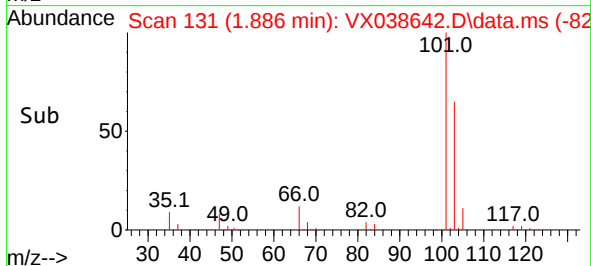
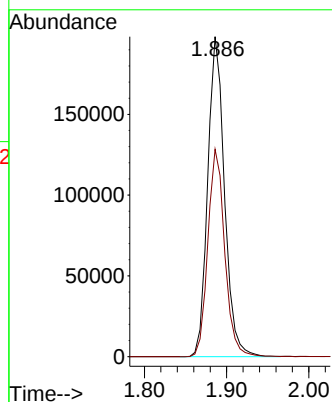
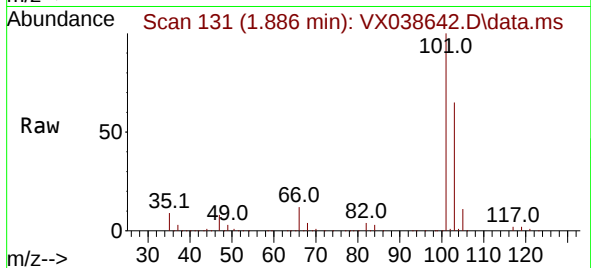
VSTDCCC050

Tgt Ion:101 Resp: 28088
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.2

Manual Integrations

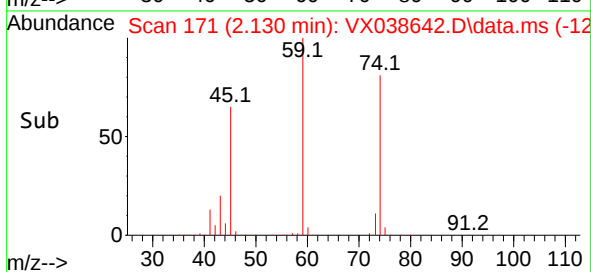
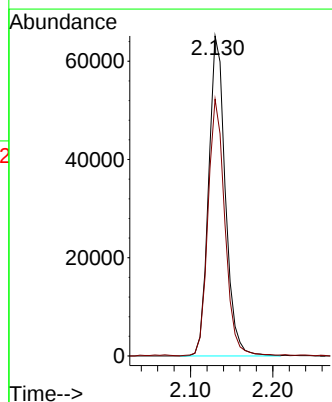
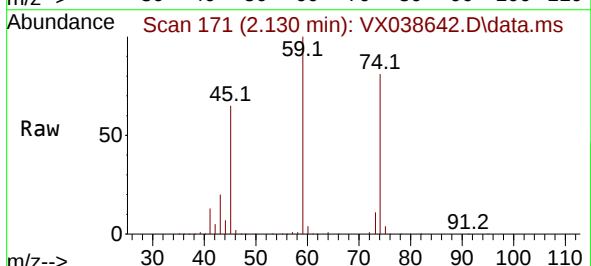
APPROVED

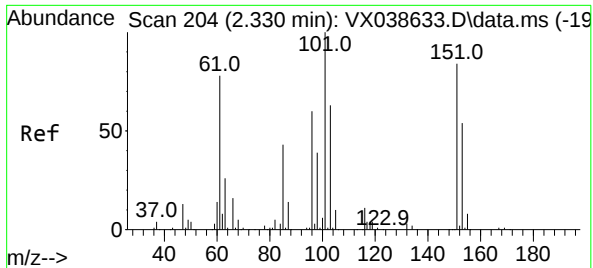
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#8
 Diethyl Ether
 Concen: 44.549 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX038642.D
 Acq: 08 Nov 2023 08:42

Tgt Ion: 74 Resp: 91813
 Ion Ratio Lower Upper
 74 100
 45 81.2 53.3 159.8





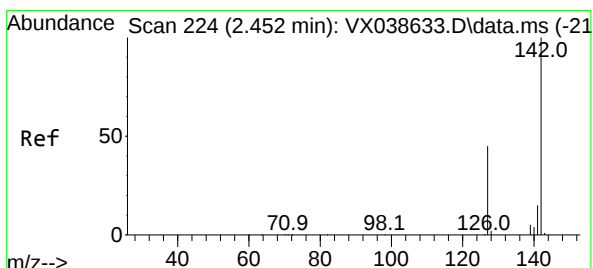
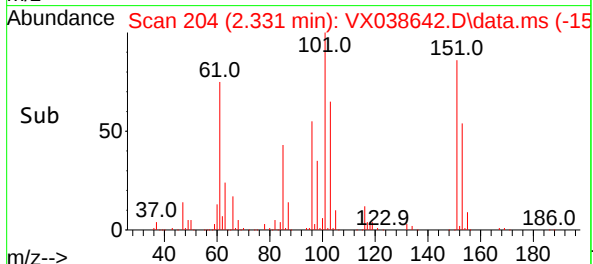
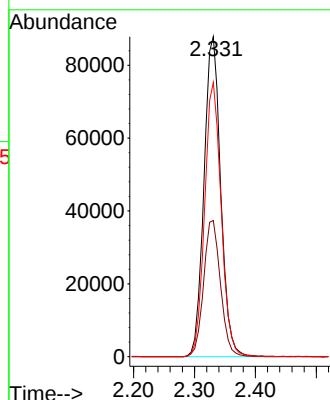
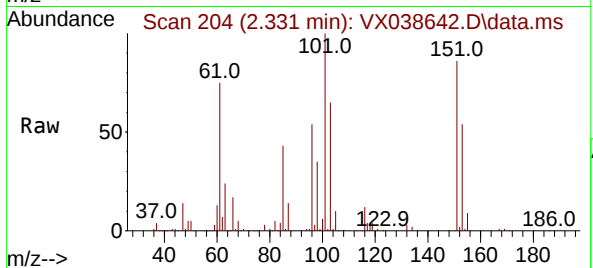
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.235 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 16767
Ion Ratio Lower Upper
101 100
85 43.0 37.0 55.6
151 84.7 58.6 87.8

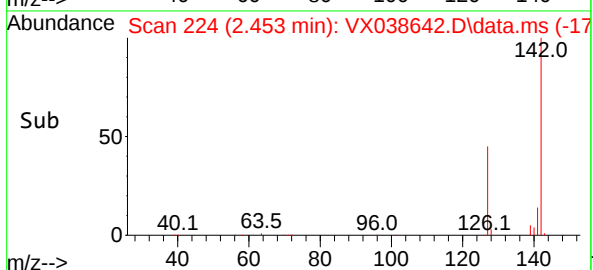
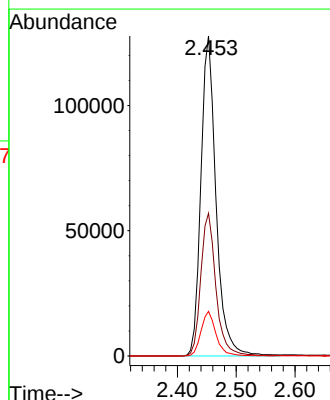
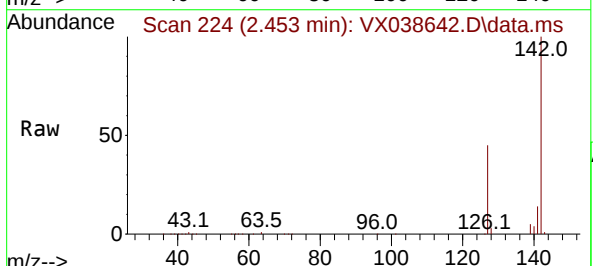
Manual Integrations
APPROVED

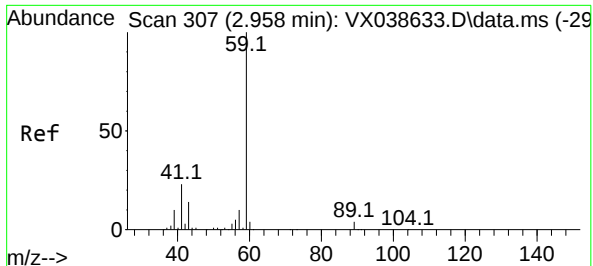
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#10
Methyl Iodide
Concen: 52.185 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion:142 Resp: 228782
Ion Ratio Lower Upper
142 100
127 44.7 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 195.747 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 18155

Ion Ratio Lower Upper

59 100

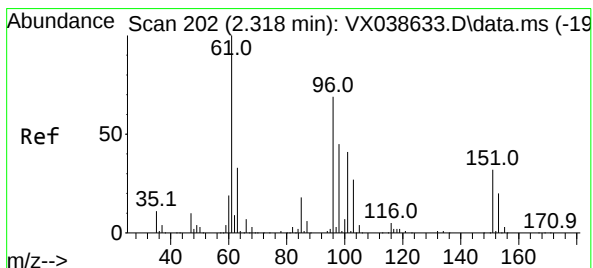
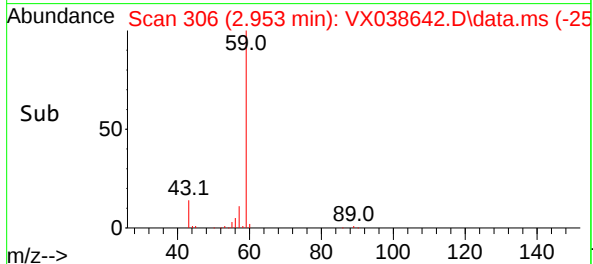
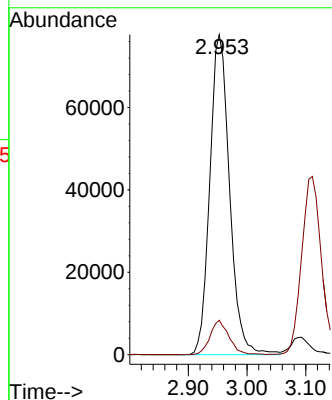
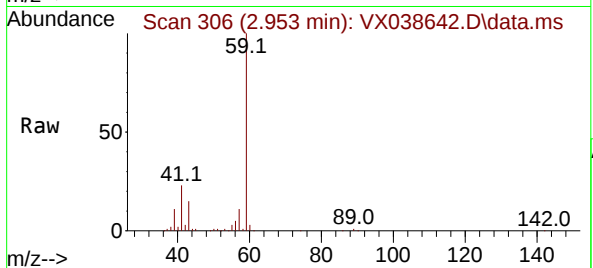
57 10.3 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#12

1,1-Dichloroethene

Concen: 45.381 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

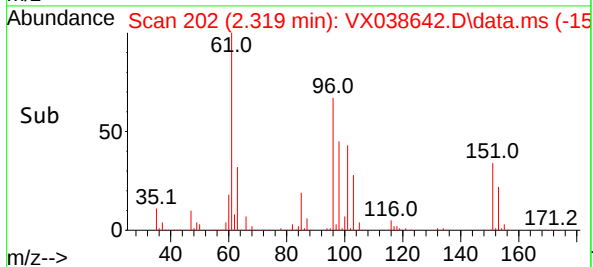
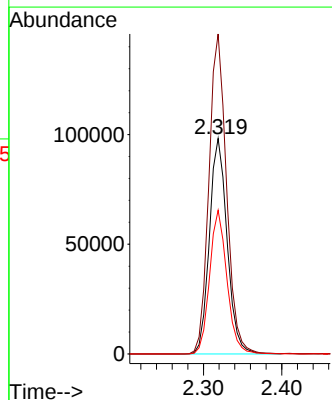
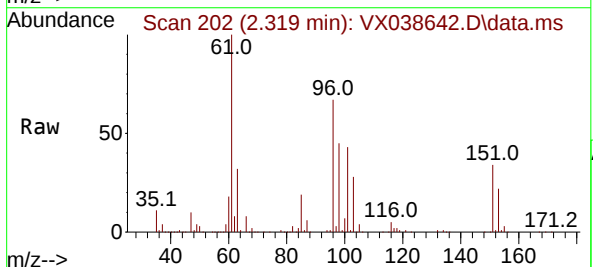
Tgt Ion: 96 Resp: 154343

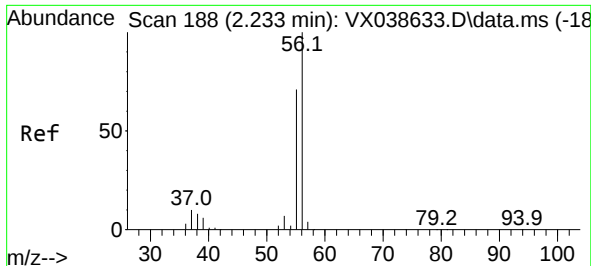
Ion Ratio Lower Upper

96 100

61 148.5 144.6 216.8

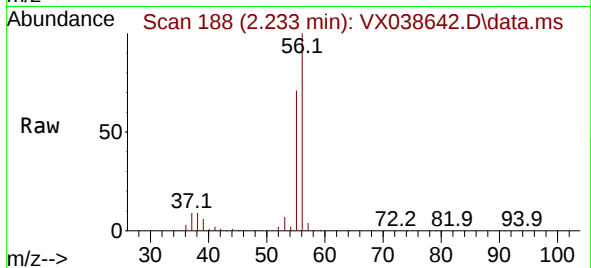
98 66.7 50.4 75.6





#13
Acrolein
Concen: 229.916 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

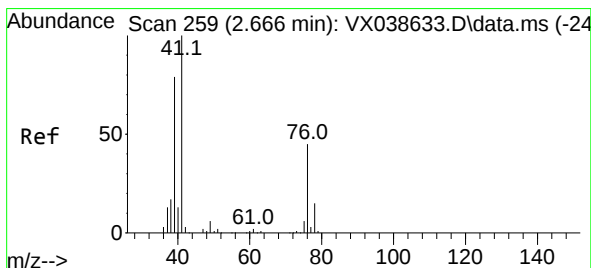
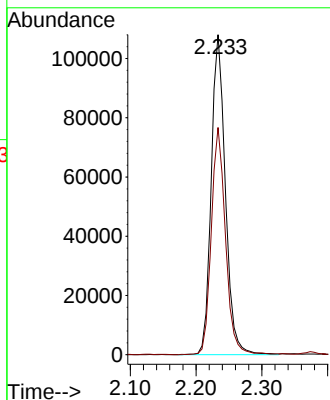
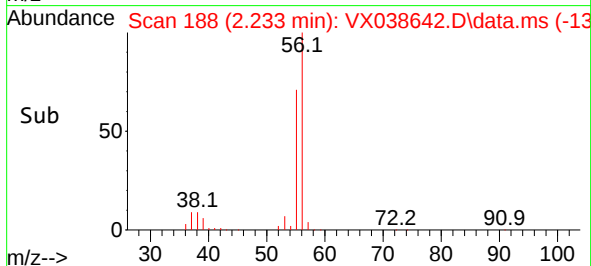
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 16162
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7

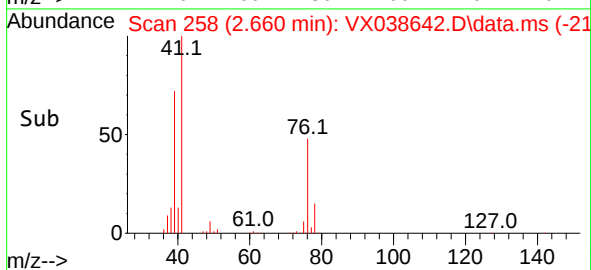
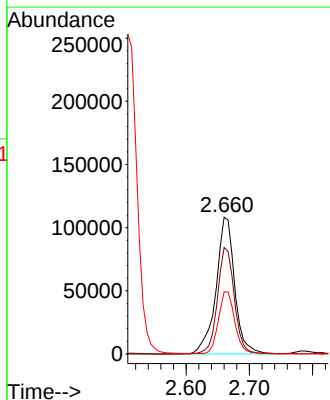
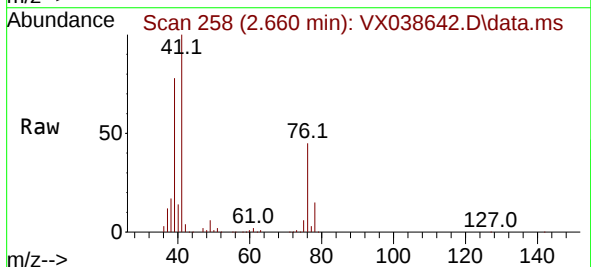
Manual Integrations
APPROVED

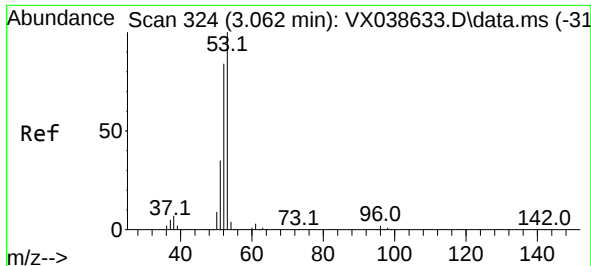
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#14
Allyl chloride
Concen: 45.554 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

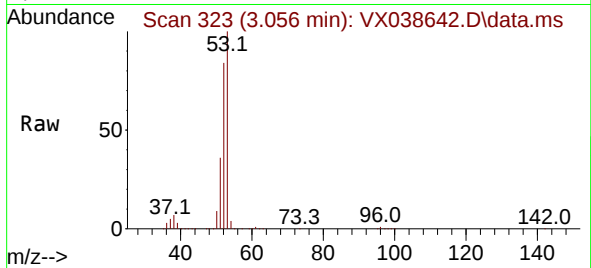
Tgt Ion: 41 Resp: 221912
Ion Ratio Lower Upper
41 100
39 70.3 55.8 83.6
76 39.7 24.3 36.5





#15
Acrylonitrile
Concen: 224.739 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

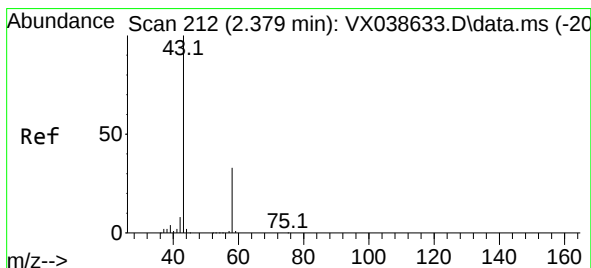
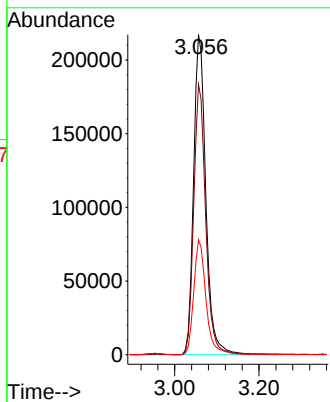
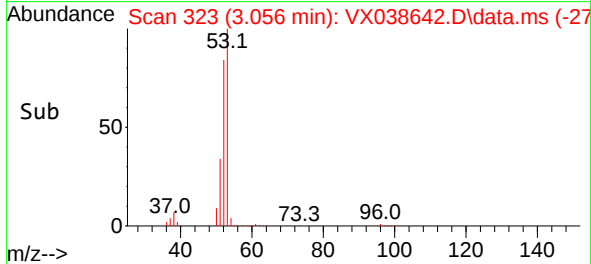
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 439900
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 35.9 29.8 44.6

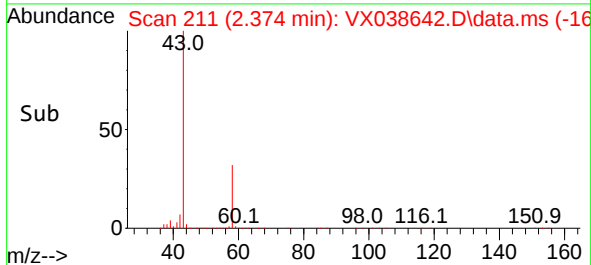
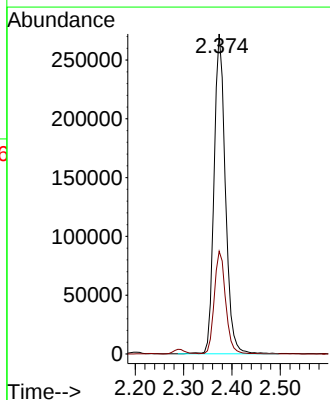
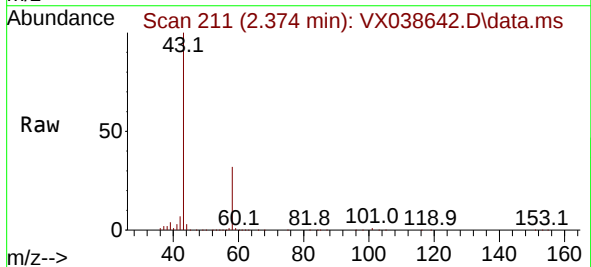
Manual Integrations
APPROVED

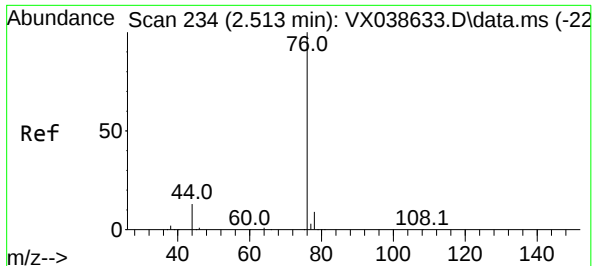
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#16
Acetone
Concen: 231.401 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion: 43 Resp: 442153
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9





#17

Carbon Disulfide

Concen: 45.640 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 412449

Ion Ratio Lower Upper

76 100

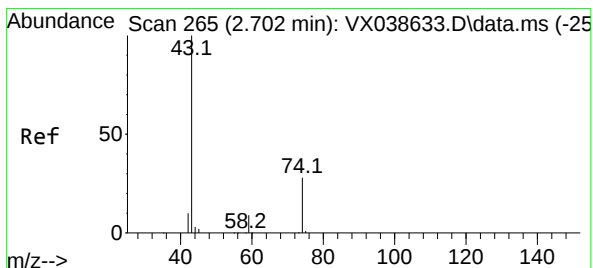
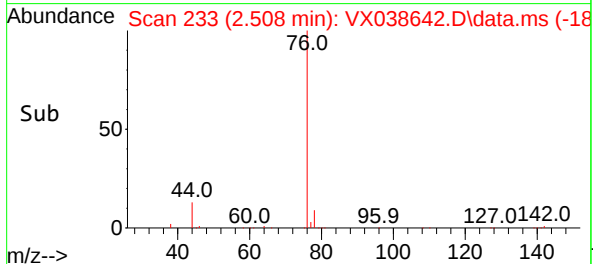
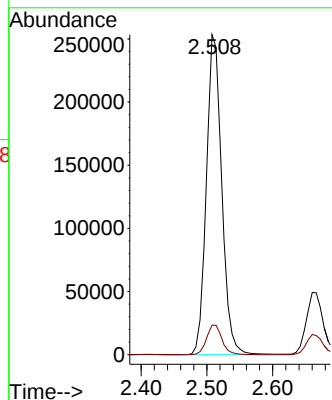
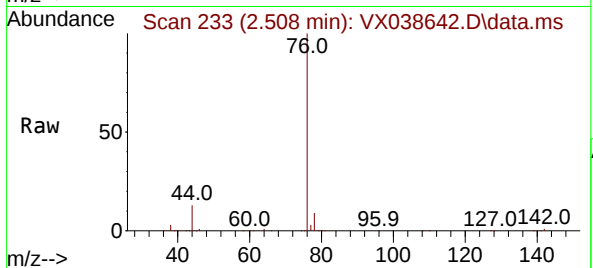
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#18

Methyl Acetate

Concen: 44.444 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX038642.D

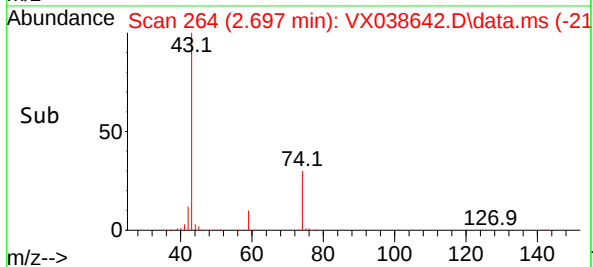
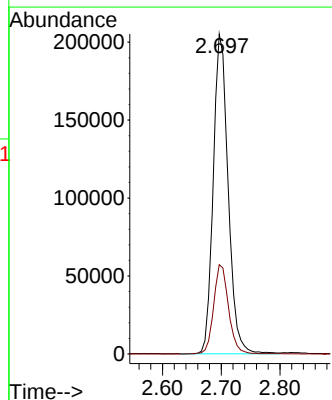
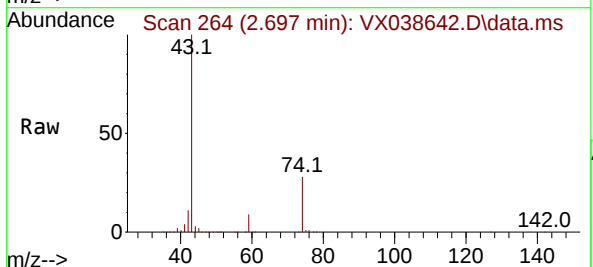
Acq: 08 Nov 2023 08:42

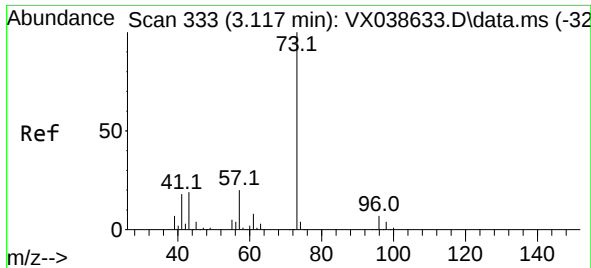
Tgt Ion: 43 Resp: 361800

Ion Ratio Lower Upper

43 100

74 28.1 17.8 26.8#





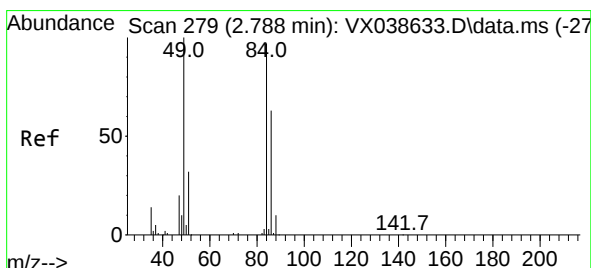
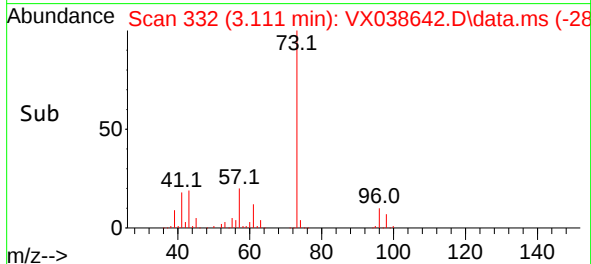
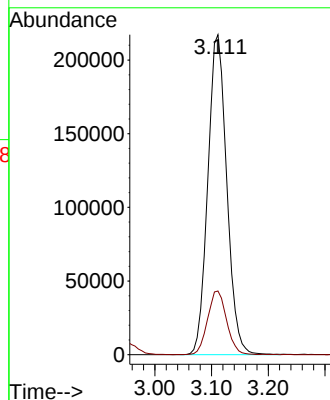
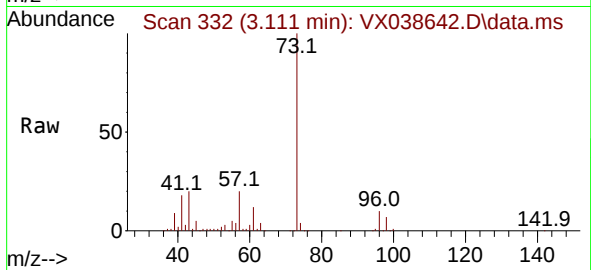
#19
Methyl tert-butyl Ether
Concen: 46.329 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 50387
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9

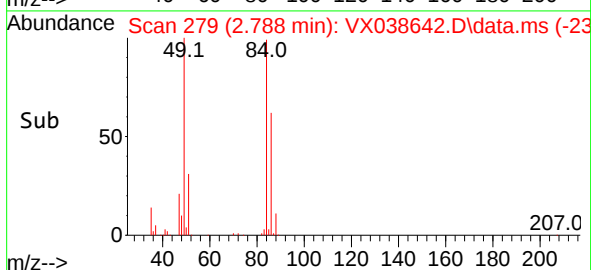
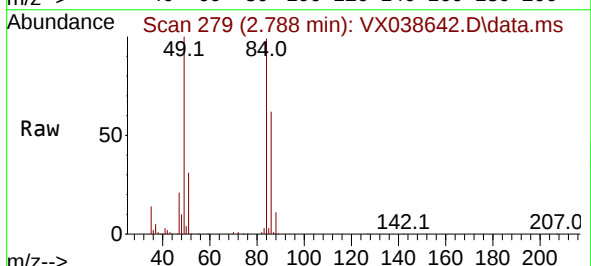
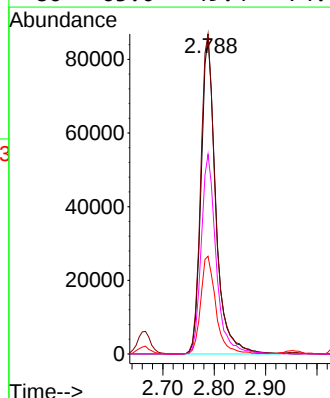
Manual Integrations
APPROVED

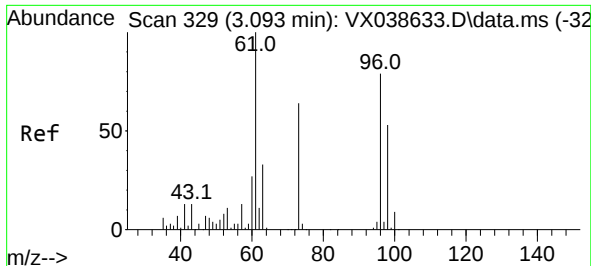
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#20
Methylene Chloride
Concen: 44.398 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

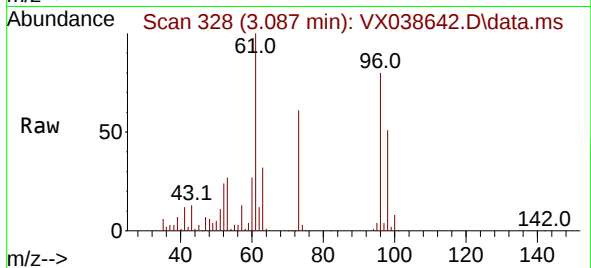
Tgt Ion: 84 Resp: 171016
Ion Ratio Lower Upper
84 100
49 101.0 103.6 155.4#
51 30.9 33.8 50.6#
86 63.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.171 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

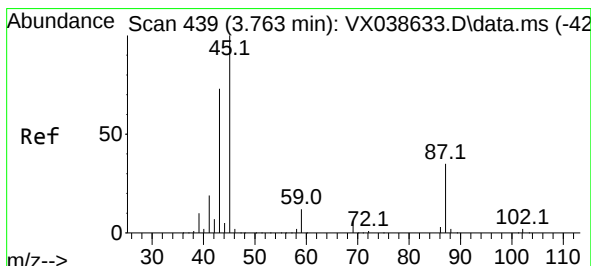
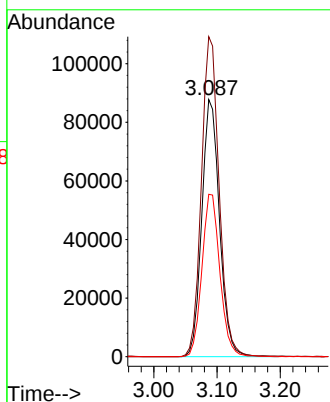
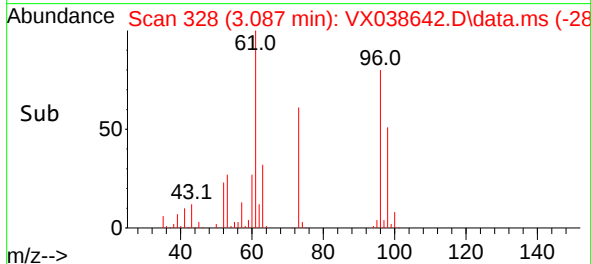
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 170954
Ion Ratio Lower Upper
96 100
61 124.5 119.2 178.8
98 63.2 48.7 73.1

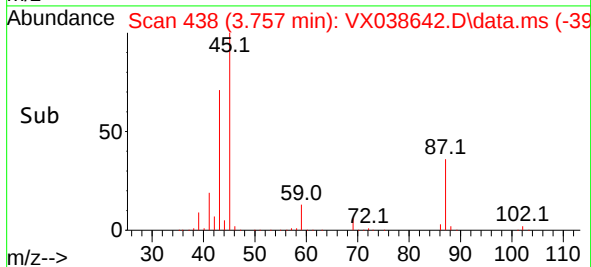
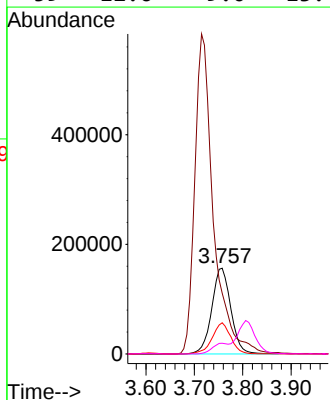
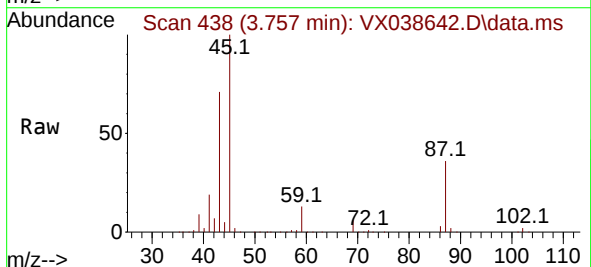
Manual Integrations
APPROVED

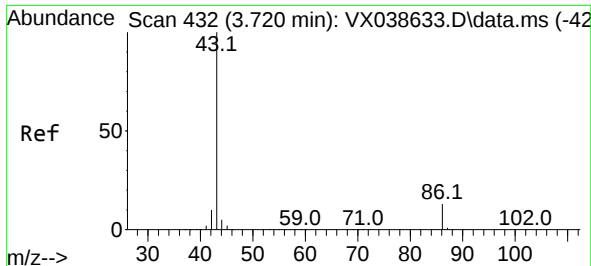
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#22
Diisopropyl ether
Concen: 46.668 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

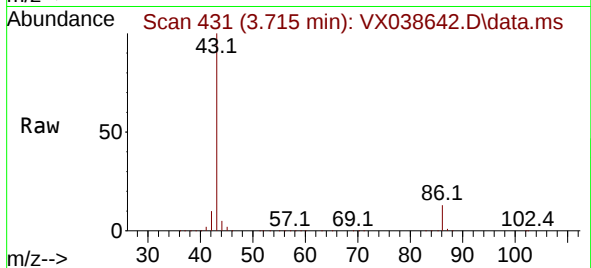
Tgt Ion: 45 Resp: 428470
Ion Ratio Lower Upper
45 100
43 70.8 69.7 104.5
87 36.4 20.8 31.2#
59 12.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 240.536 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038642.D
 Acq: 08 Nov 2023 08:42

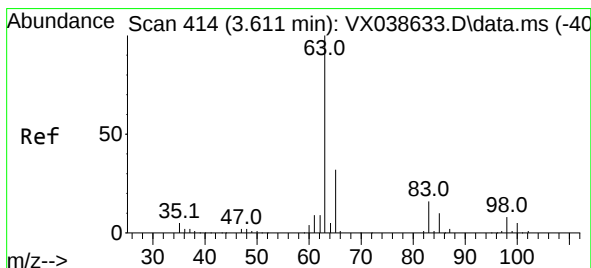
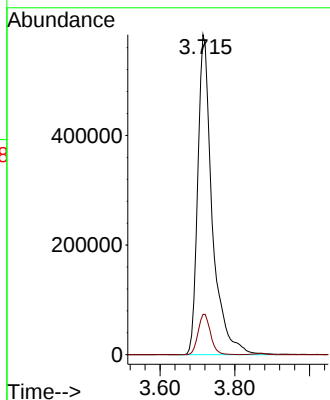
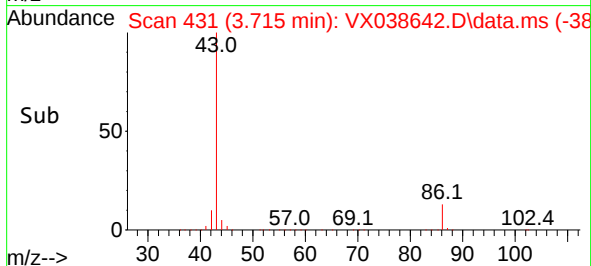
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



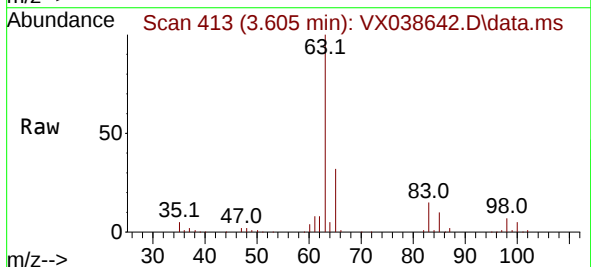
Tgt Ion: 43 Resp: 156748
 Ion Ratio Lower Upper
 43 100
 86 12.6 7.8 11.8

Manual Integrations
 APPROVED

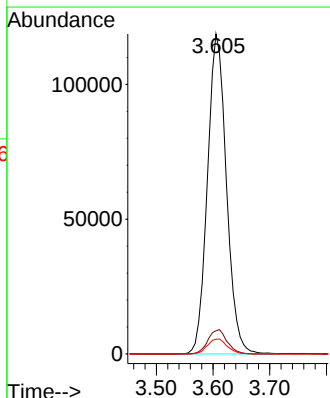
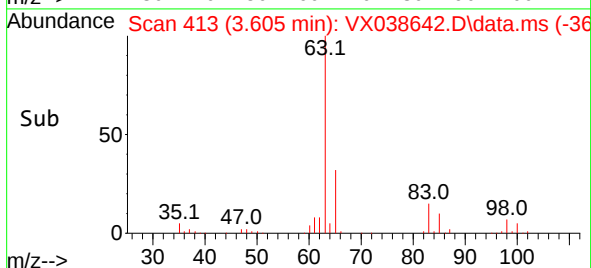
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023

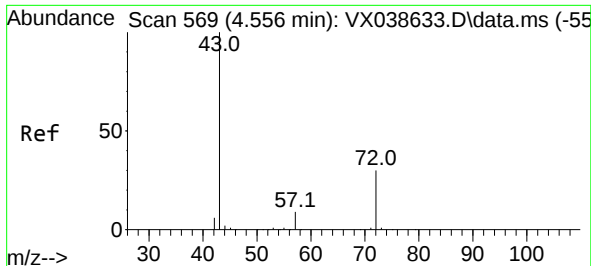


#24
 1,1-Dichloroethane
 Concen: 45.511 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038642.D
 Acq: 08 Nov 2023 08:42



Tgt Ion: 63 Resp: 276443
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 223.100 ug/l

RT: 4.544 min Scan# 50

Delta R.T. -0.012 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 61753

Ion Ratio Lower Upper

43 100

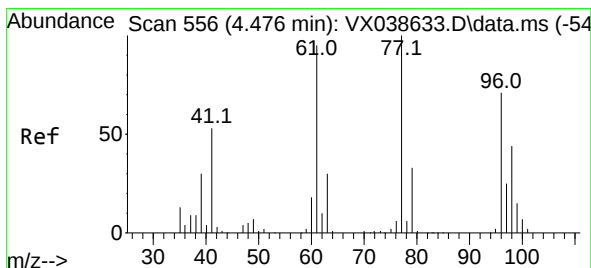
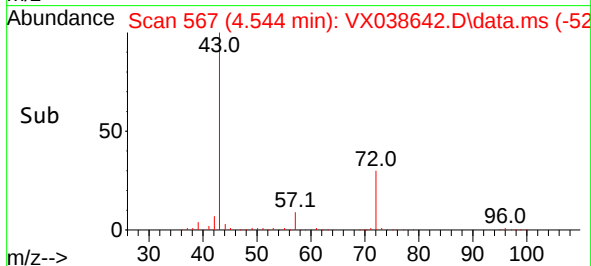
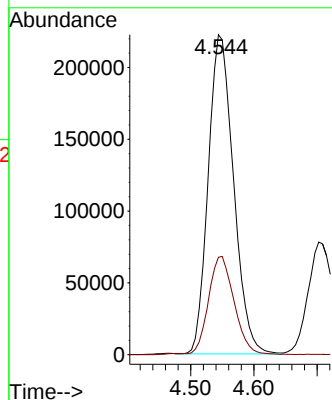
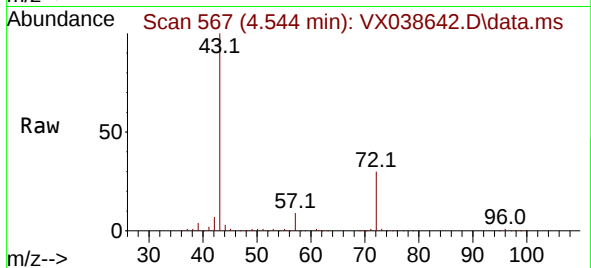
72 30.4 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#26

2,2-Dichloropropane

Concen: 47.273 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX038642.D

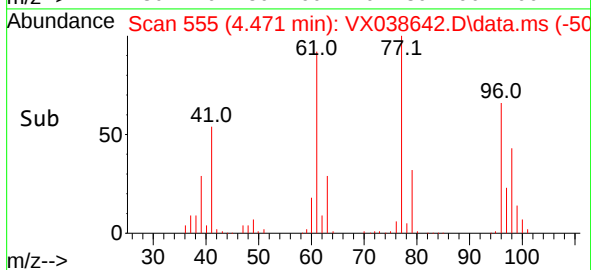
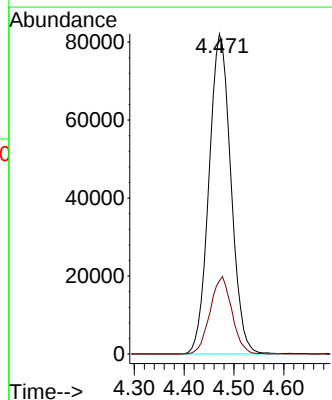
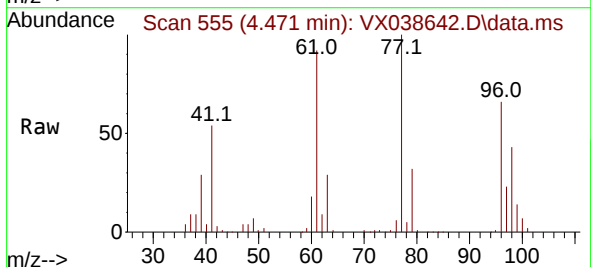
Acq: 08 Nov 2023 08:42

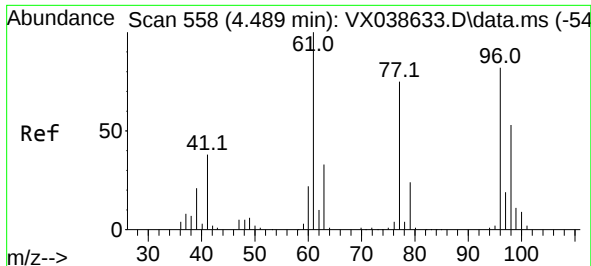
Tgt Ion: 77 Resp: 250715

Ion Ratio Lower Upper

77 100

97 24.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 46.417 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 198462

Ion Ratio Lower Upper

96 100

61 129.4 0.0 312.2

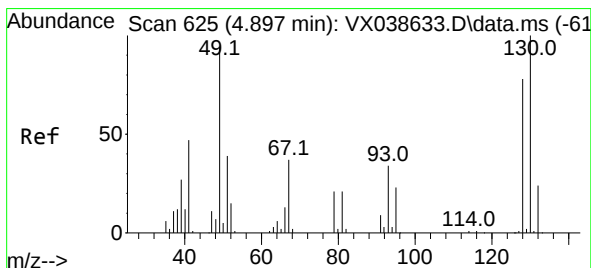
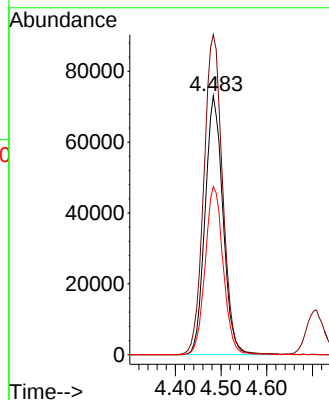
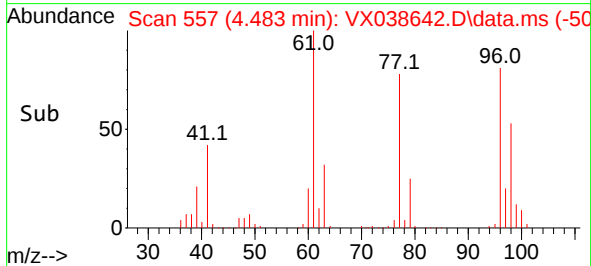
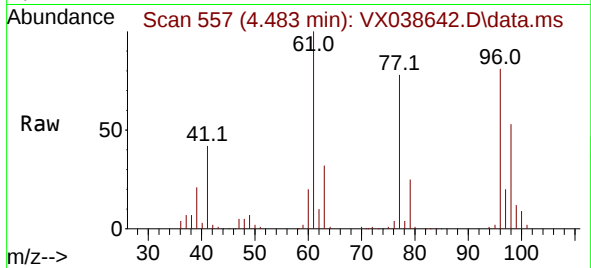
98 65.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#28

Bromochloromethane

Concen: 46.499 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

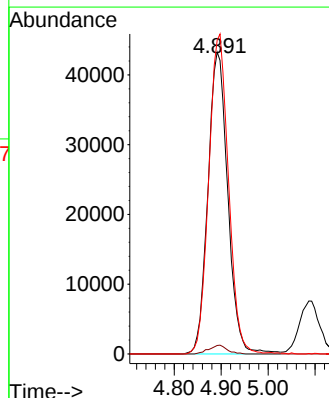
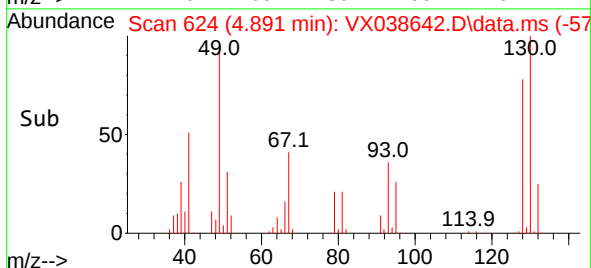
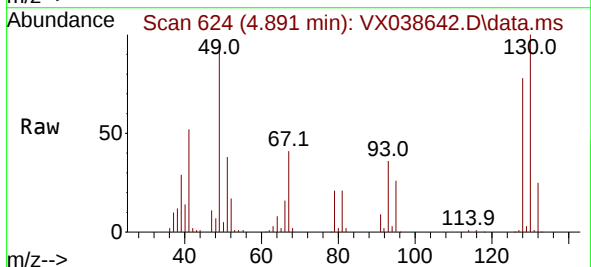
Tgt Ion: 49 Resp: 126932

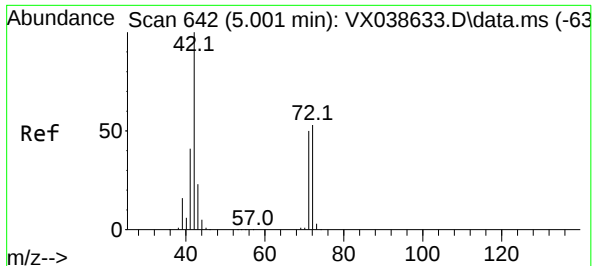
Ion Ratio Lower Upper

49 100

129 2.7 0.0 3.8

130 105.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 222.825 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 38374

Ion Ratio Lower Upper

42 100

72 54.2 34.2 51.4

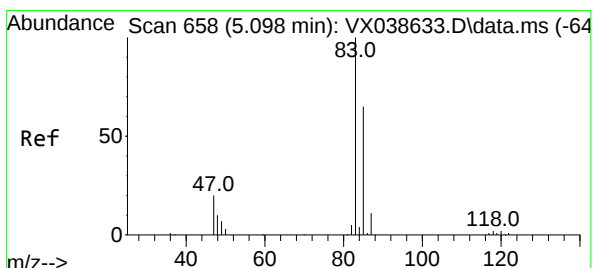
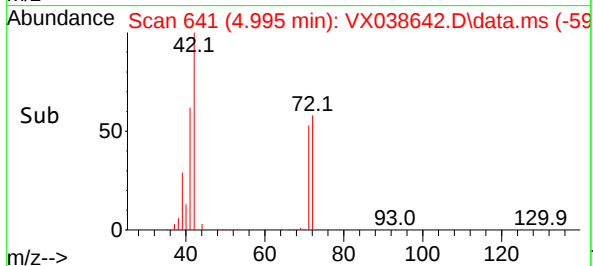
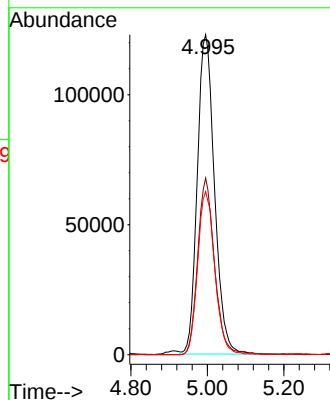
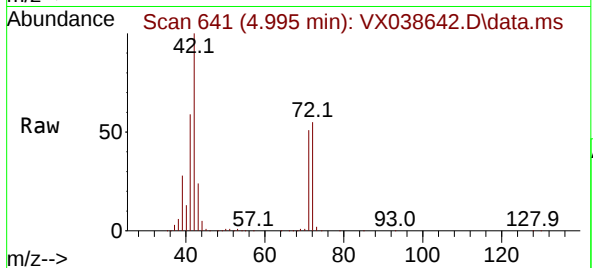
71 50.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#30

Chloroform

Concen: 44.588 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX038642.D

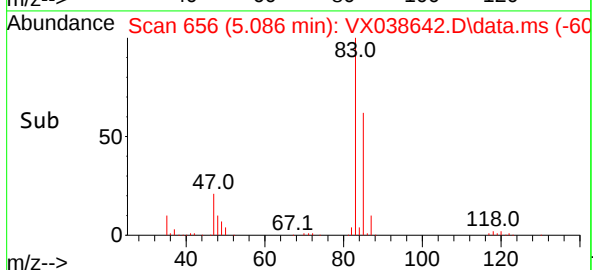
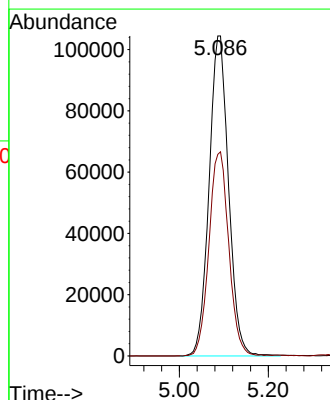
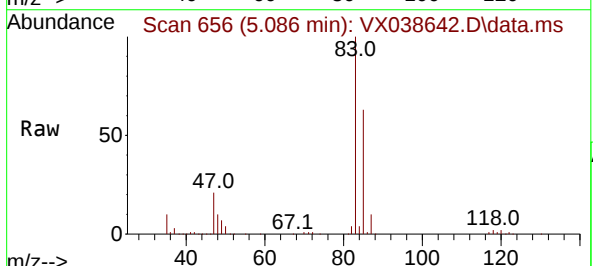
Acq: 08 Nov 2023 08:42

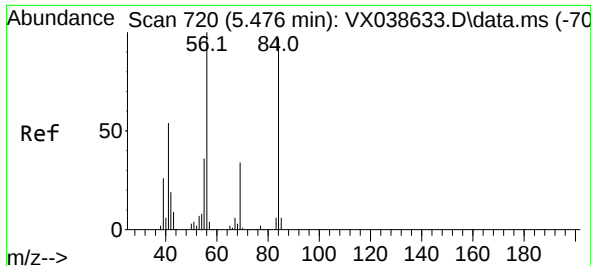
Tgt Ion: 83 Resp: 317780

Ion Ratio Lower Upper

83 100

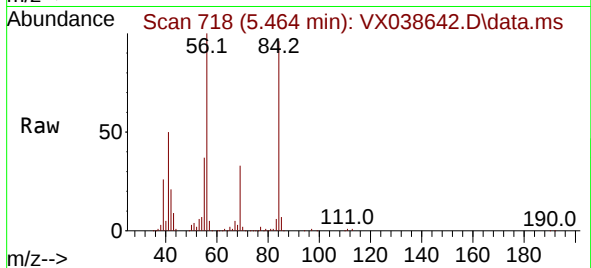
85 62.9 50.3 75.5





#31
Cyclohexane
Concen: 46.939 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

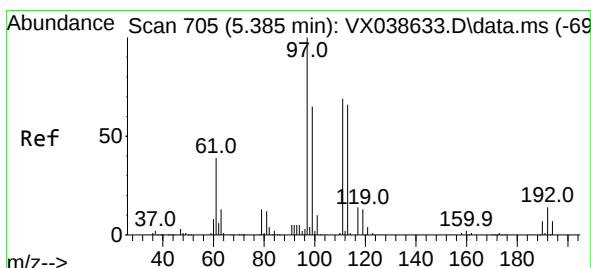
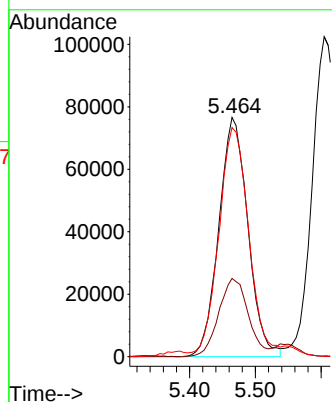
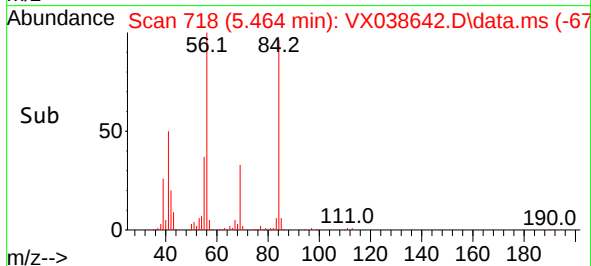
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 235690
Ion Ratio Lower Upper
56 100
69 32.7 23.4 35.2
84 93.4 65.9 98.9

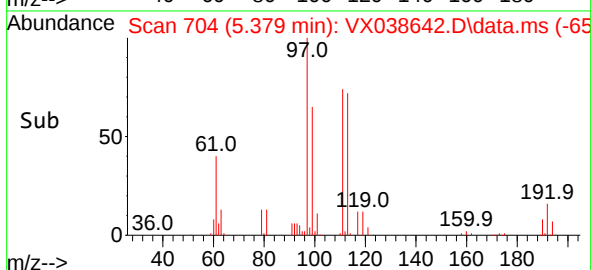
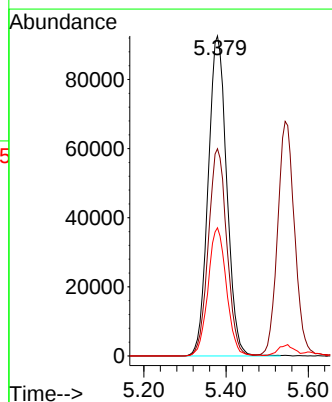
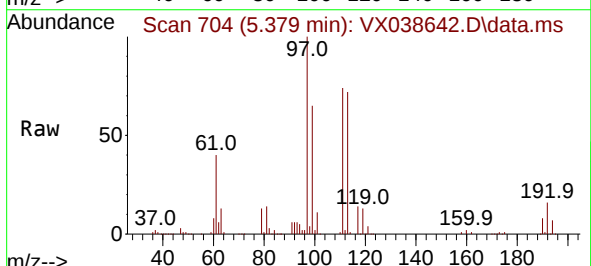
Manual Integrations
APPROVED

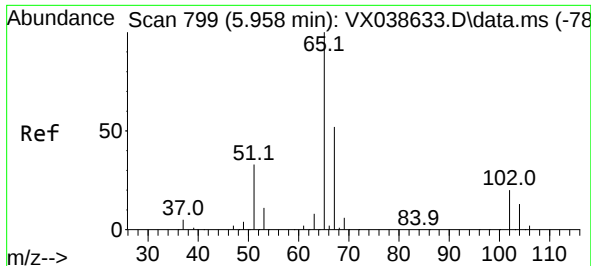
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#32
1,1,1-Trichloroethane
Concen: 46.226 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion: 97 Resp: 289930
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 39.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.768 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 216724

Ion Ratio Lower Upper

65 100

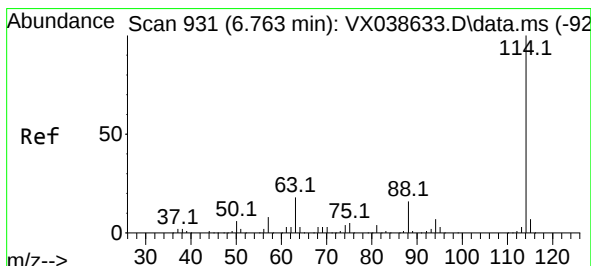
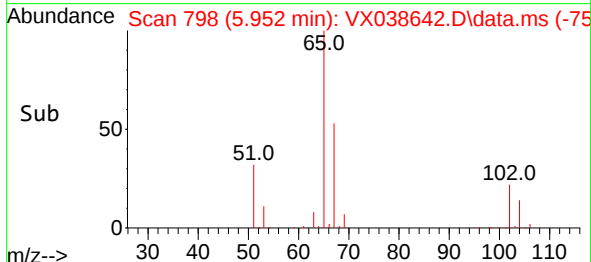
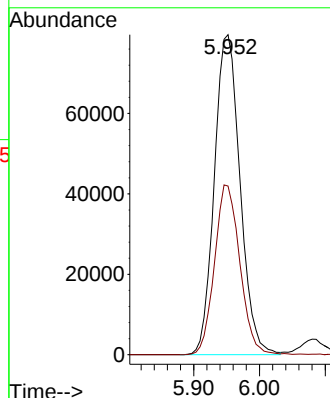
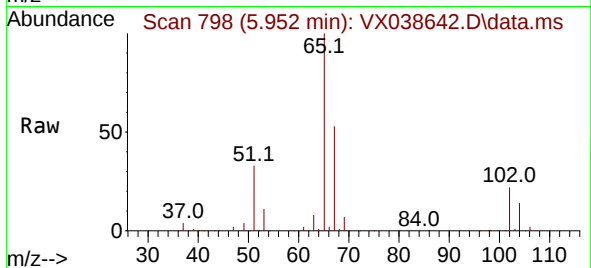
67 52.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

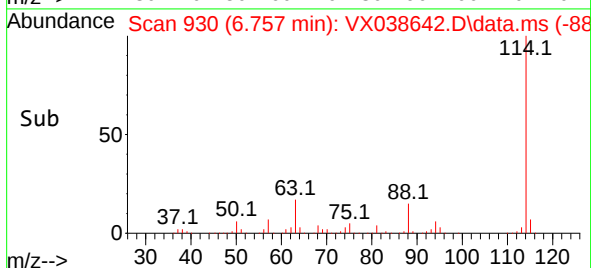
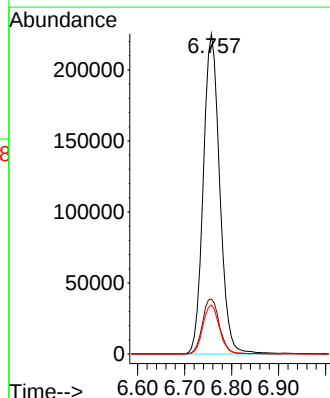
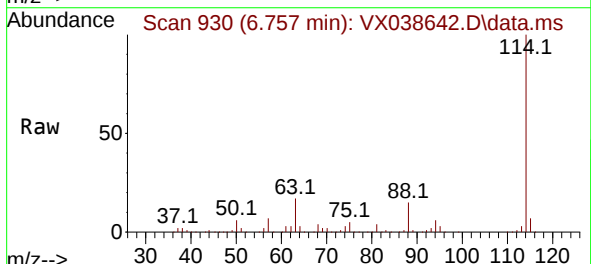
Tgt Ion:114 Resp: 545960

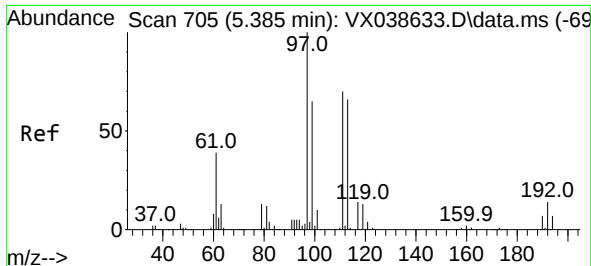
Ion Ratio Lower Upper

114 100

63 17.1 0.0 45.0

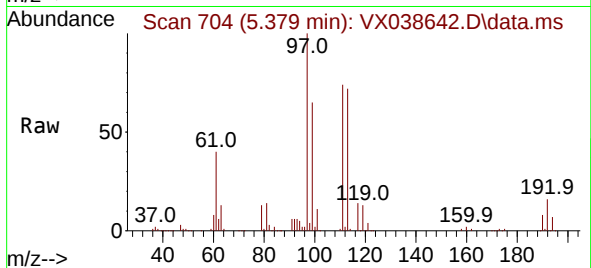
88 15.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.387 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

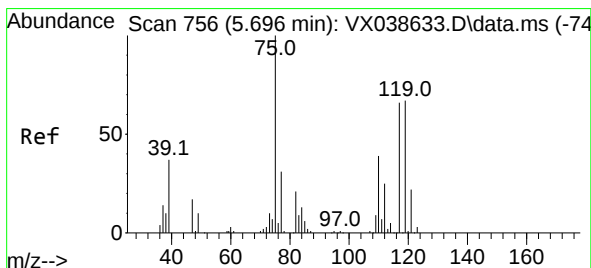
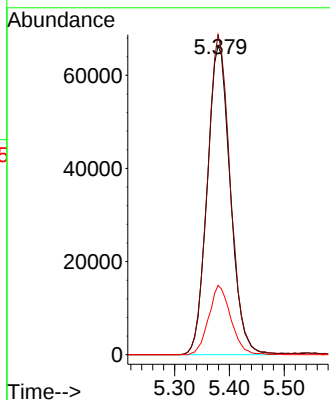
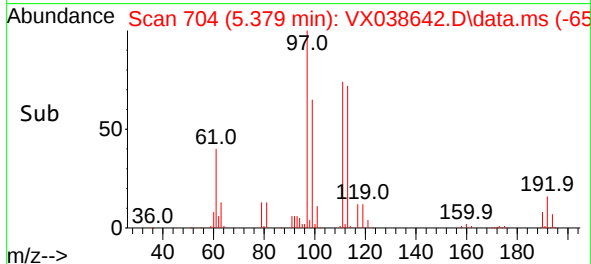
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 194198
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 21.5 13.3 19.9

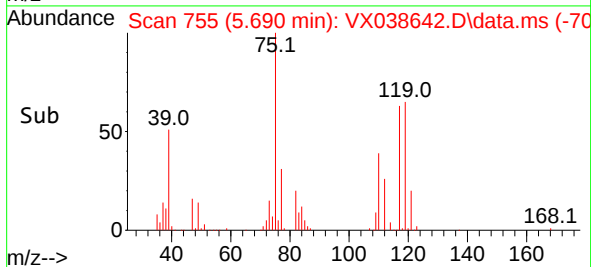
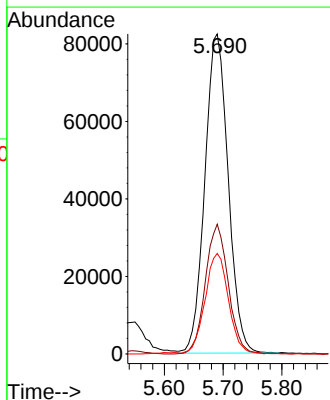
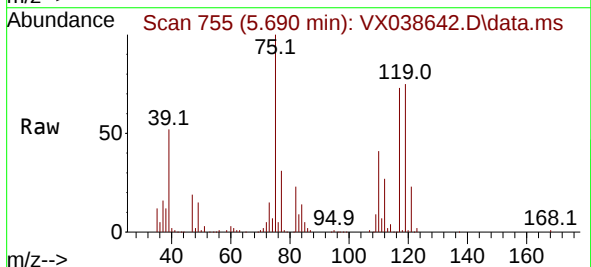
Manual Integrations
APPROVED

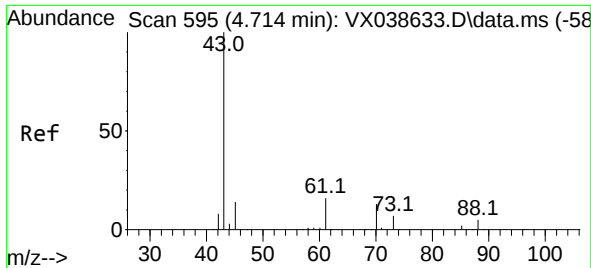
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#36
1,1-Dichloropropene
Concen: 46.559 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion: 75 Resp: 227415
Ion Ratio Lower Upper
75 100
110 39.9 17.0 50.9
77 31.7 24.7 37.1





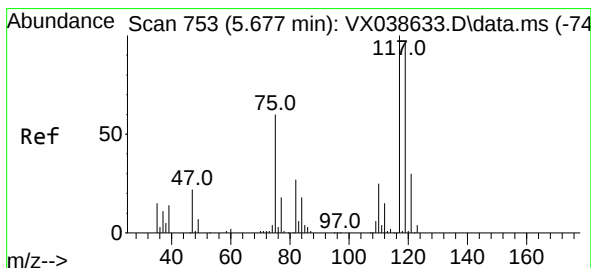
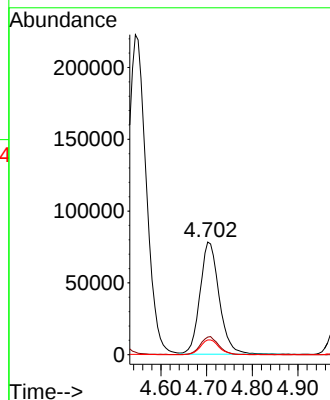
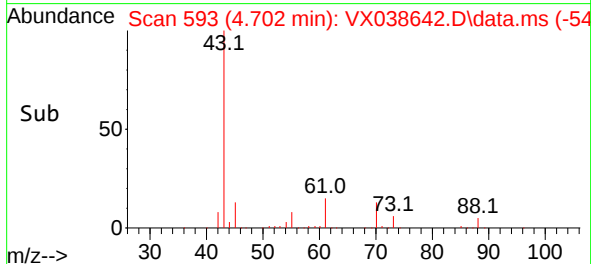
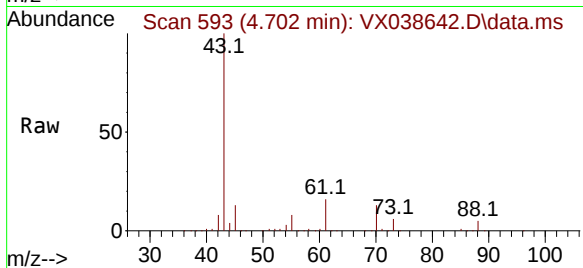
#37
Ethyl Acetate
Concen: 45.560 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 22720
Ion Ratio Lower Upper
43 100
61 15.1 10.6 16.0
70 12.9 8.3 12.5

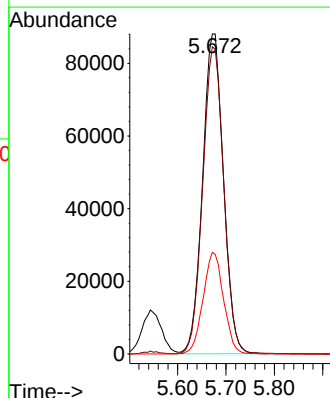
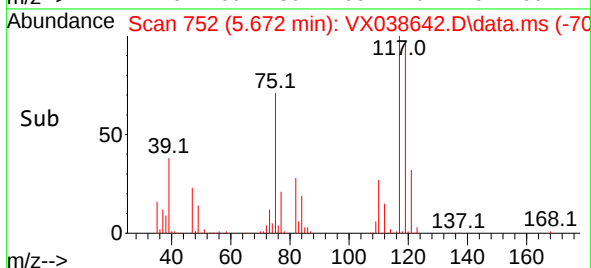
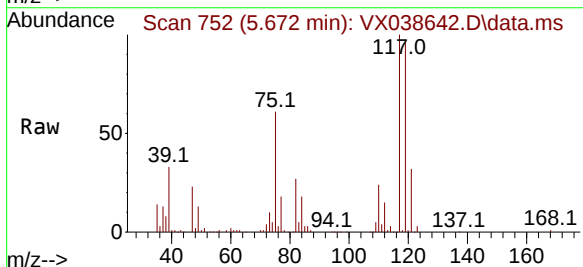
Manual Integrations
APPROVED

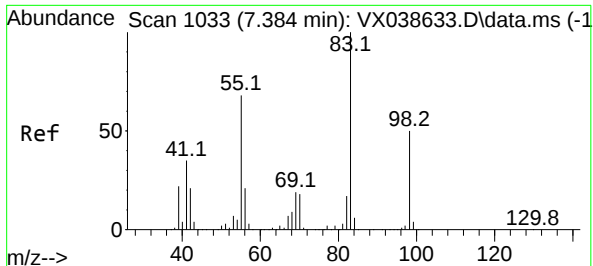
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#38
Carbon Tetrachloride
Concen: 48.369 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion:117 Resp: 264118
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.2
121 31.8 24.4 36.6





#39

Methylcyclohexane

Concen: 47.931 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 29271

Ion Ratio Lower Upper

83 100

55 68.1 64.6 97.0

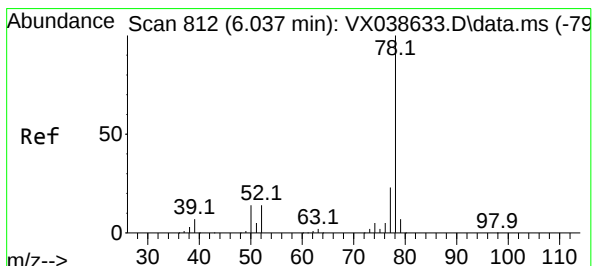
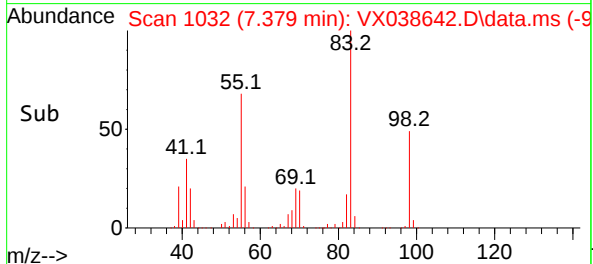
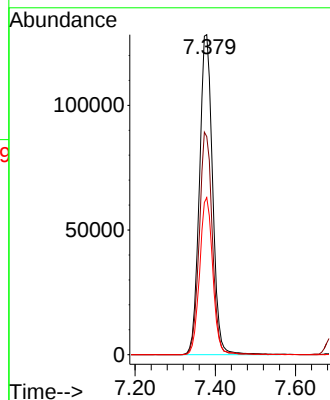
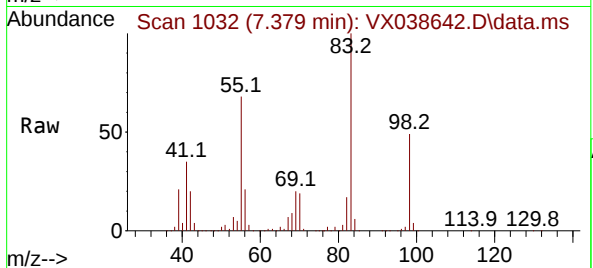
98 49.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#40

Benzene

Concen: 46.353 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX038642.D

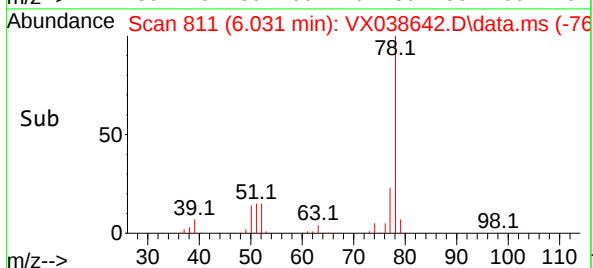
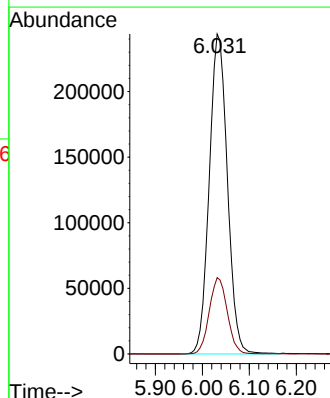
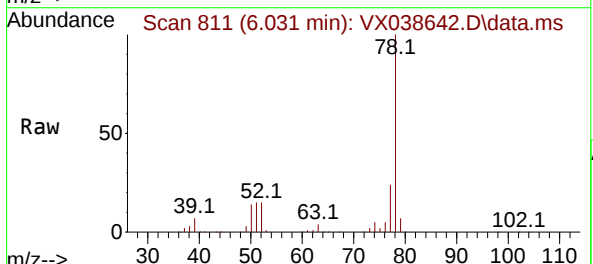
Acq: 08 Nov 2023 08:42

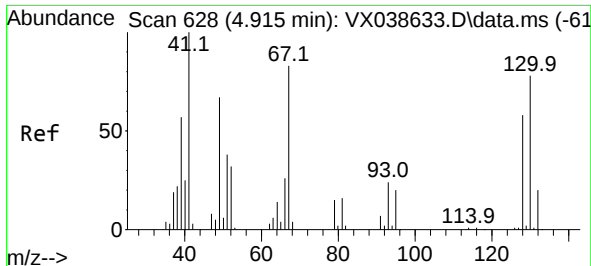
Tgt Ion: 78 Resp: 652134

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9





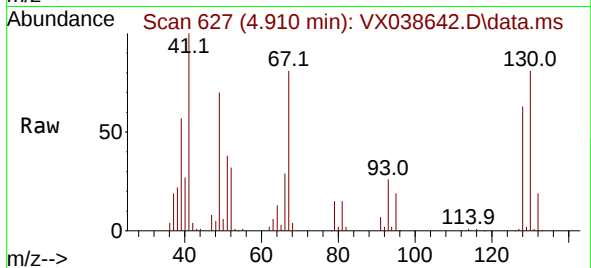
#41
Methacrylonitrile
Concen: 47.251 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

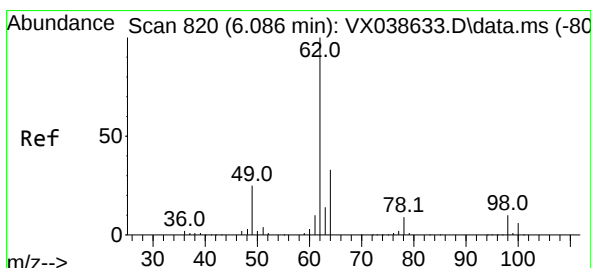
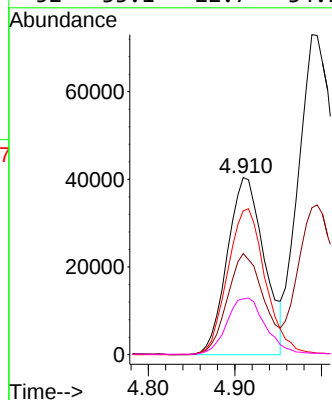
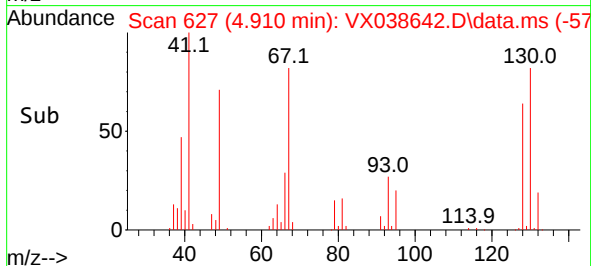


Tgt Ion: 41 Resp: 12005
Ion Ratio Lower Upper
41 100
39 56.4 45.2 67.8
67 84.4 52.6 78.8
52 33.1 22.7 34.1

Manual Integrations

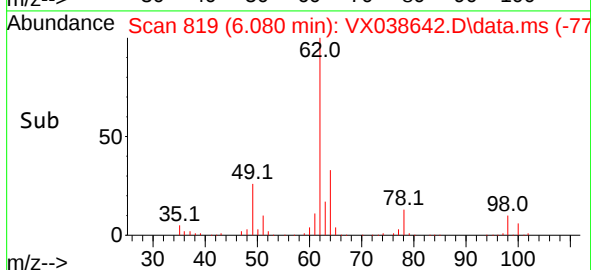
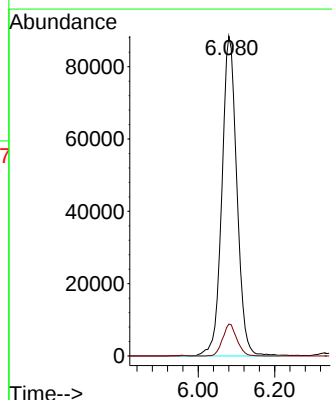
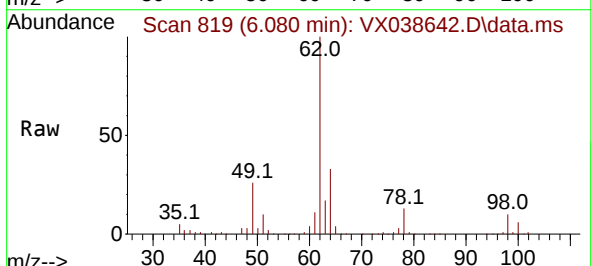
APPROVED

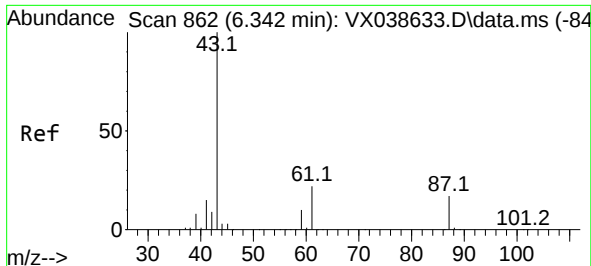
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#42
1,2-Dichloroethane
Concen: 47.453 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion: 62 Resp: 240888
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.0





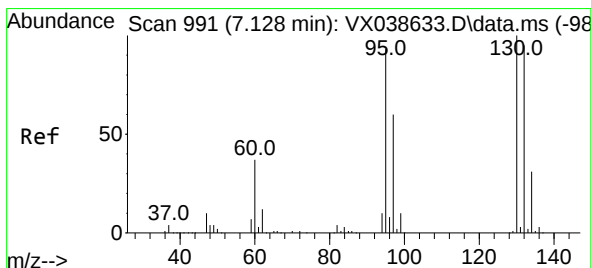
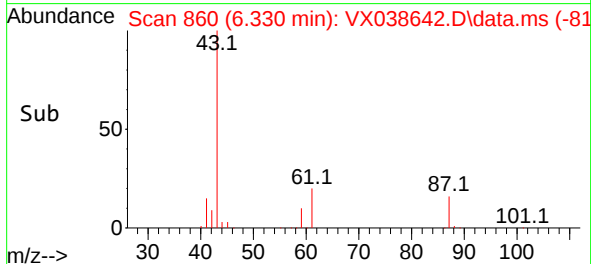
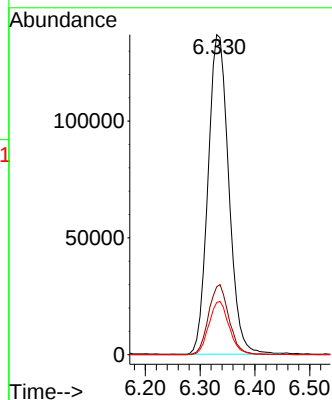
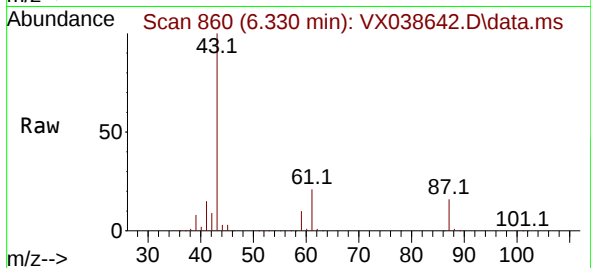
#43
Isopropyl Acetate
Concen: 46.774 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 35861
Ion Ratio Lower Upper
43 100
61 21.6 15.2 22.8
87 16.4 9.8 14.6

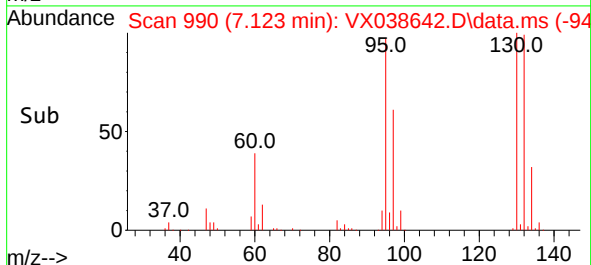
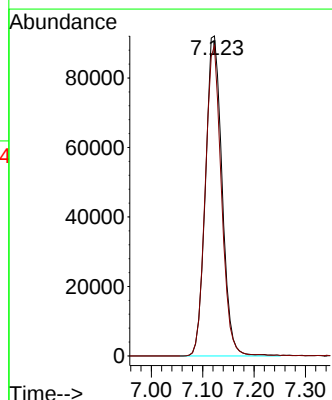
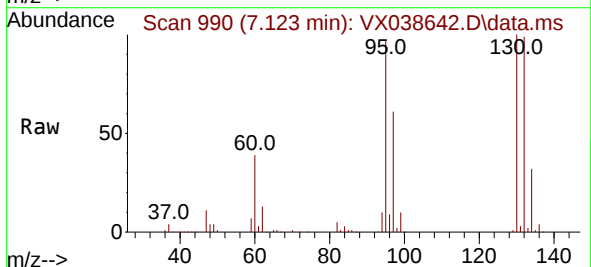
Manual Integrations
APPROVED

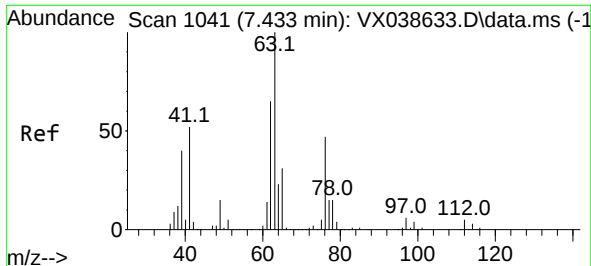
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#44
Trichloroethene
Concen: 47.010 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion:130 Resp: 205780
Ion Ratio Lower Upper
130 100
95 96.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 47.351 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 161040

Ion Ratio Lower Upper

63 100

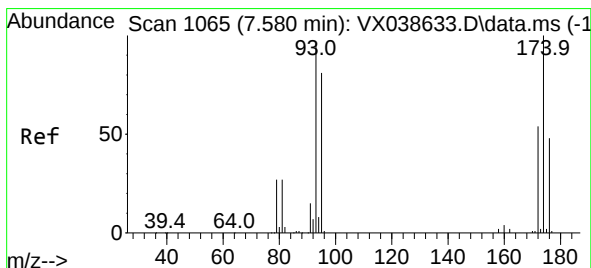
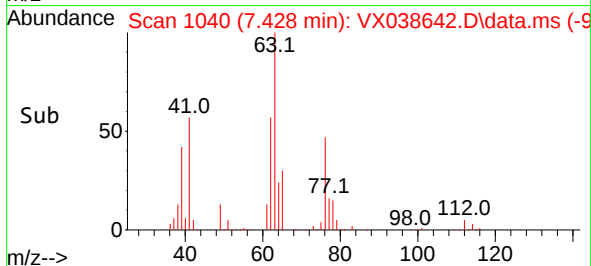
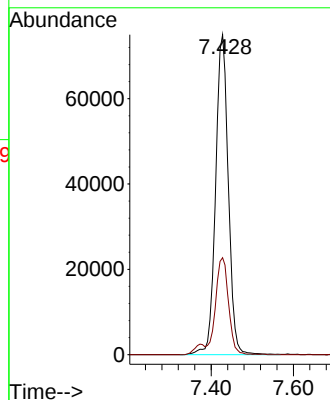
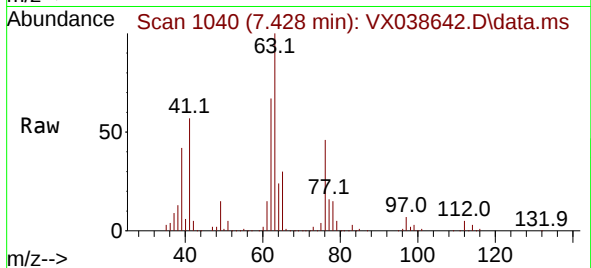
65 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#46

Dibromomethane

Concen: 47.052 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

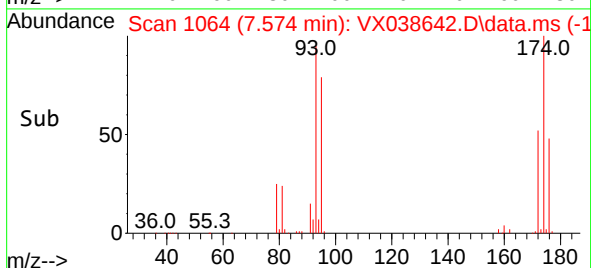
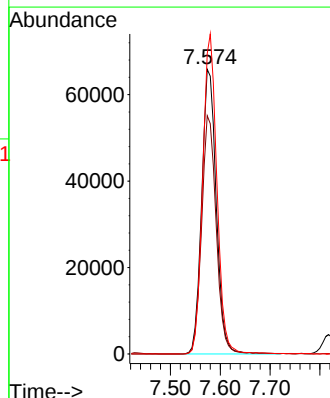
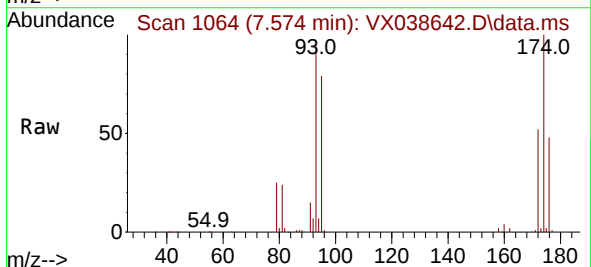
Tgt Ion: 93 Resp: 133826

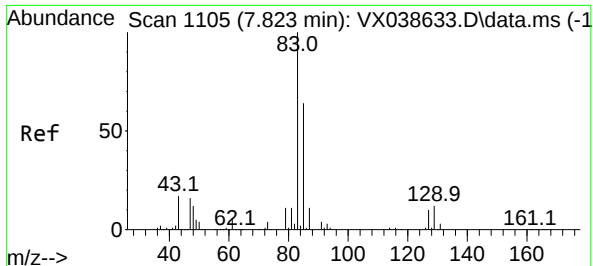
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 109.7 69.4 104.0#





#47

Bromodichloromethane

Concen: 46.041 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 24627

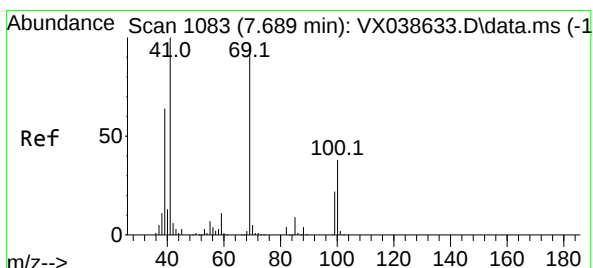
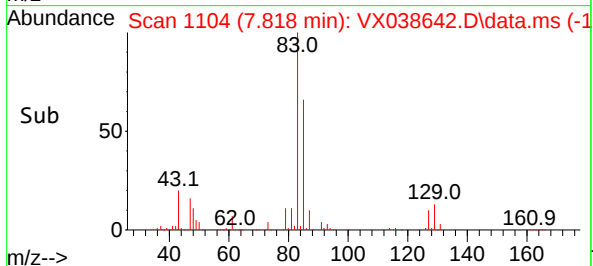
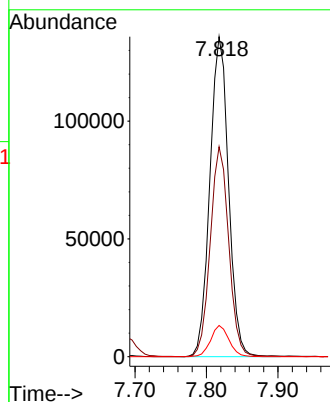
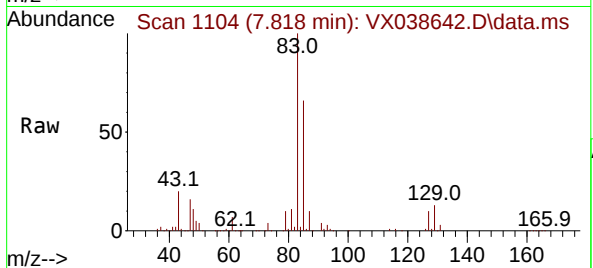
Ion	Ratio	Lower	Upper
83	100		
85	65.5	49.8	74.6
127	9.7	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#48

Methyl methacrylate

Concen: 47.550 ug/l

RT: 7.690 min Scan# 1083

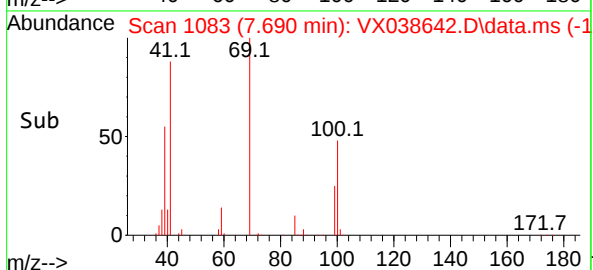
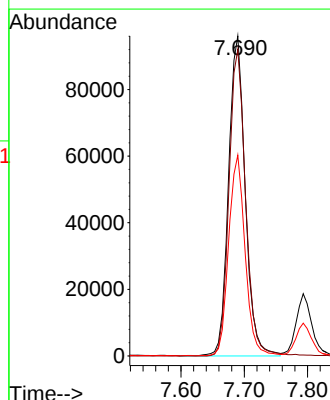
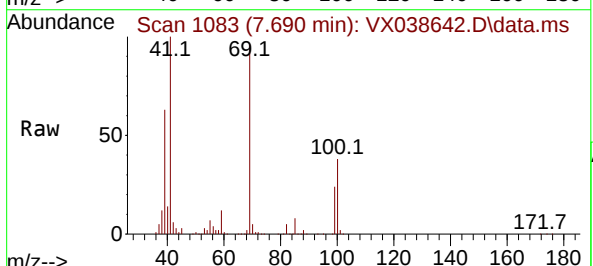
Delta R.T. 0.000 min

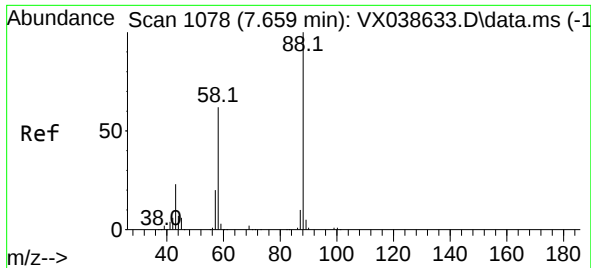
Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Tgt Ion: 41 Resp: 175690

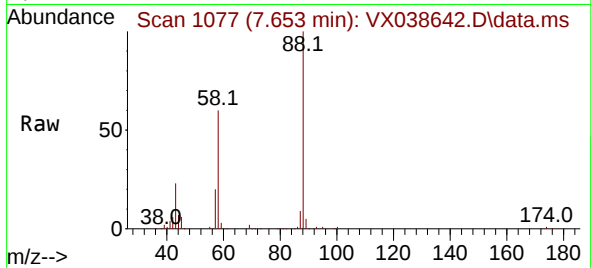
Ion	Ratio	Lower	Upper
41	100		
69	95.6	59.2	88.8
39	61.8	47.7	71.5





#49
1,4-Dioxane
Concen: 880.062 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

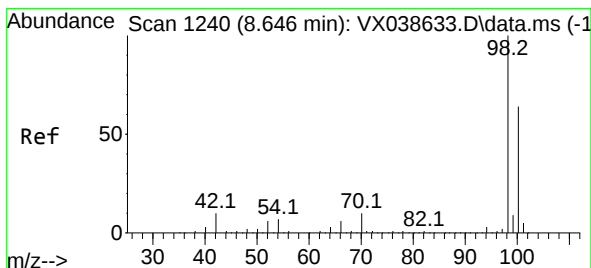
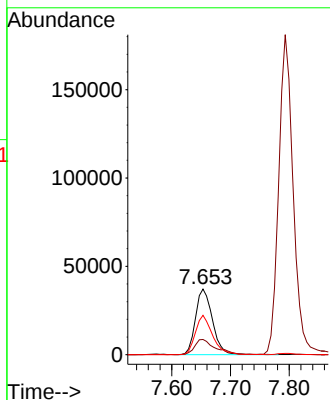
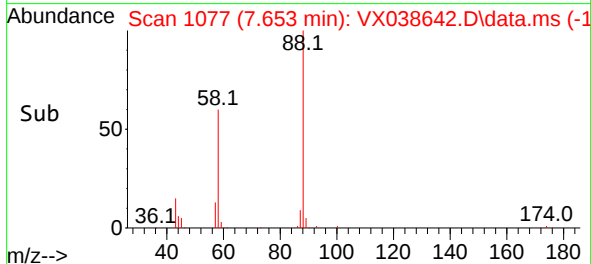
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 74020
Ion Ratio Lower Upper
88 100
43 28.3 0.0 0.0
58 60.9 60.1 90.1

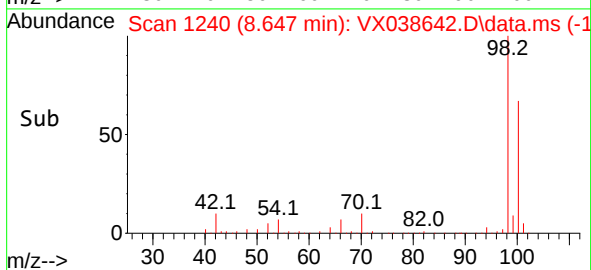
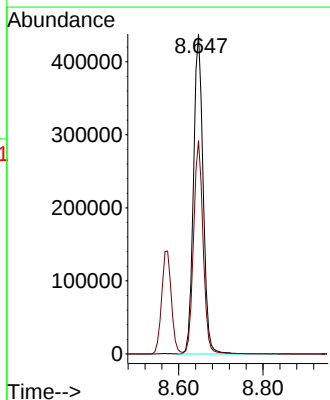
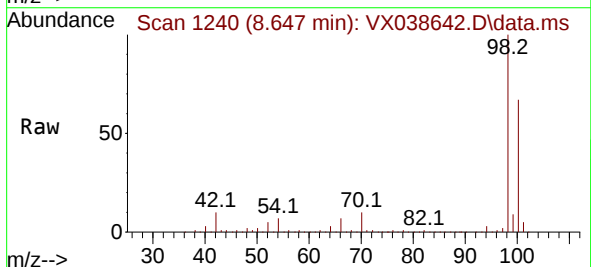
Manual Integrations
APPROVED

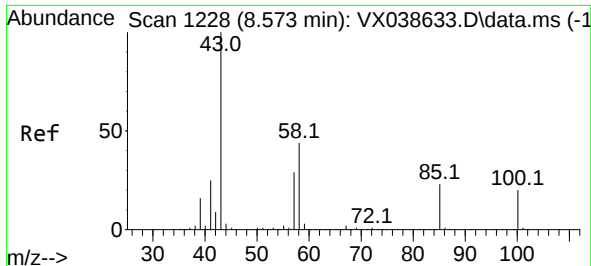
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#50
Toluene-d8
Concen: 49.460 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion: 98 Resp: 695948
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 232.496 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

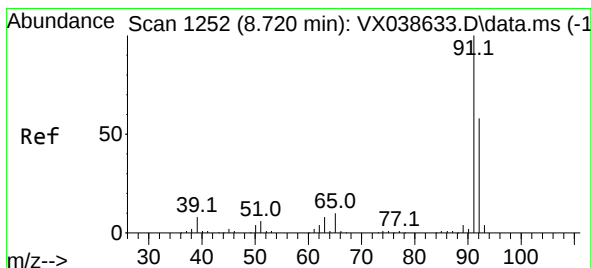
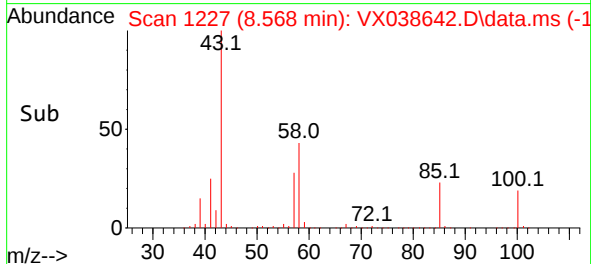
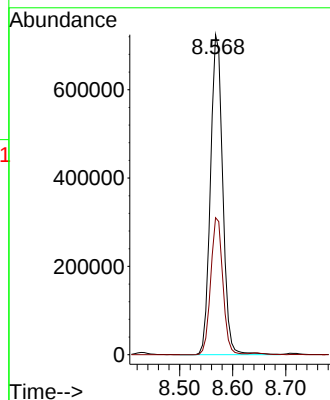
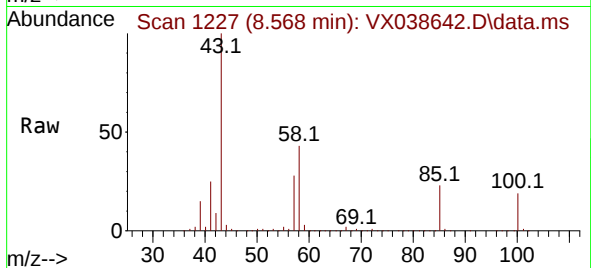
VSTDCCC050

Tgt Ion: 43 Resp: 116138
Ion Ratio Lower Upper
43 100
58 42.4 30.4 45.6

Manual Integrations

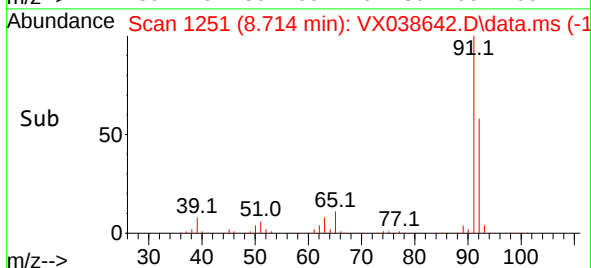
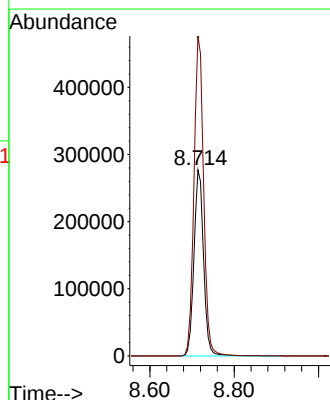
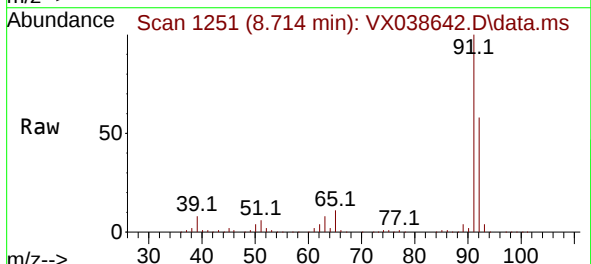
APPROVED

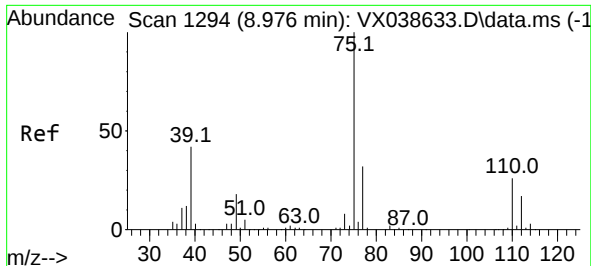
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#52
Toluene
Concen: 47.457 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion: 92 Resp: 437369
Ion Ratio Lower Upper
92 100
91 173.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.519 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 26966

Ion Ratio Lower Upper

75 100

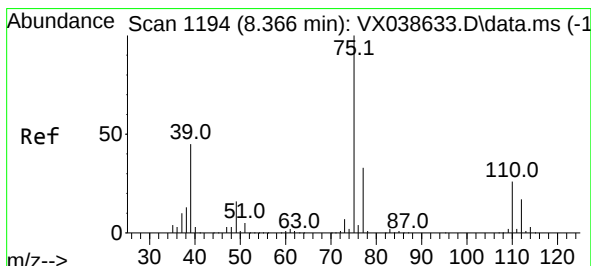
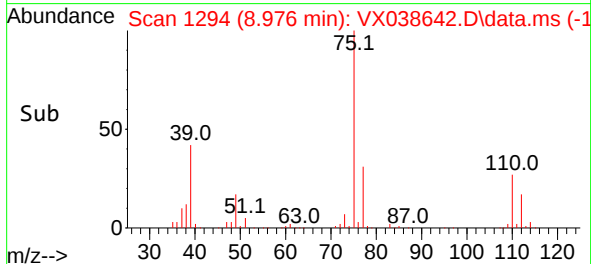
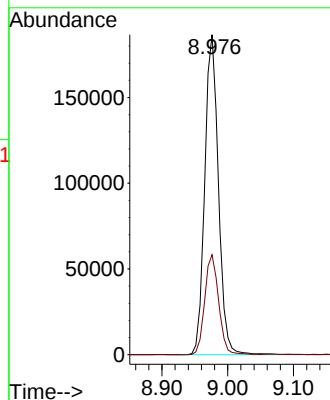
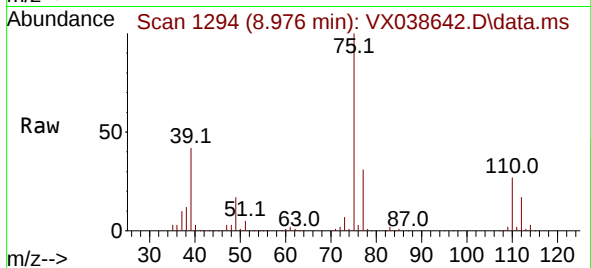
77 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#54

cis-1,3-Dichloropropene

Concen: 48.854 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

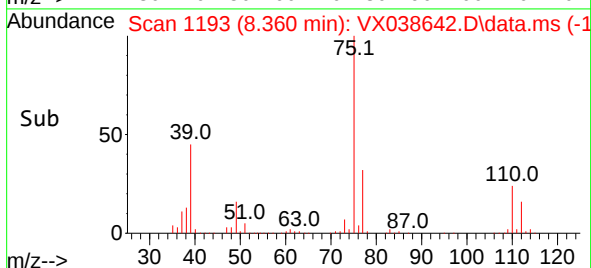
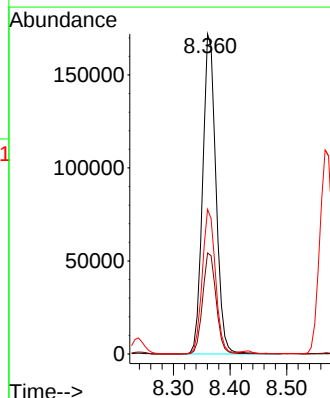
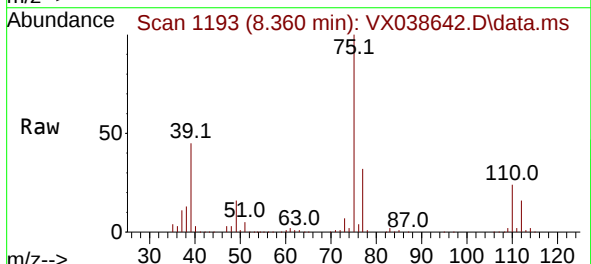
Tgt Ion: 75 Resp: 280853

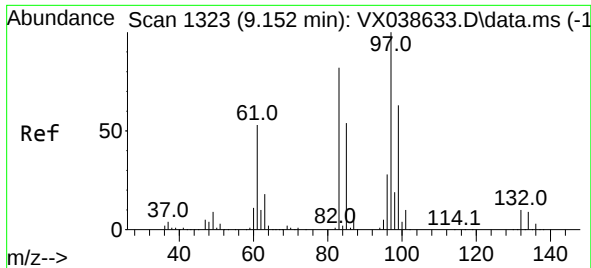
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 45.2 46.7 70.1#





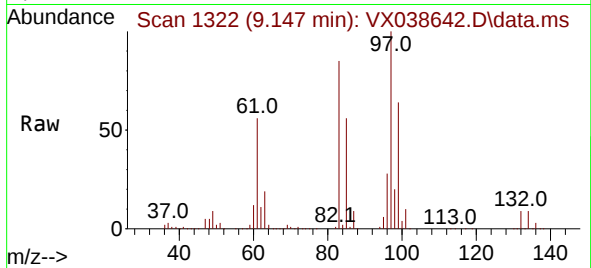
#55
1,1,2-Trichloroethane
Concen: 47.374 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



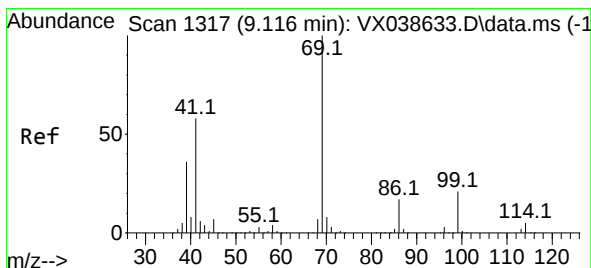
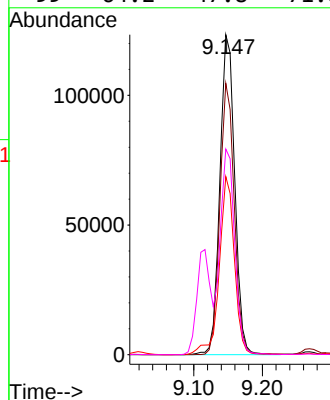
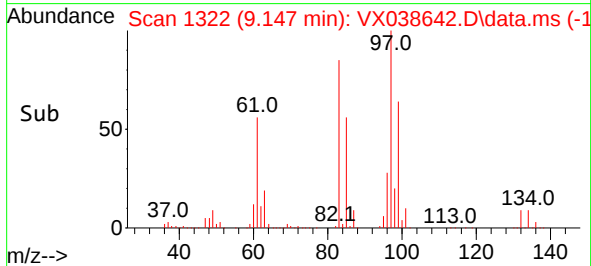
Tgt Ion: 97 Resp: 18525
Ion Ratio Lower Upper
97 100
83 84.8 65.8 98.8
85 55.6 41.6 62.4
99 64.2 47.8 71.8

Manual Integrations

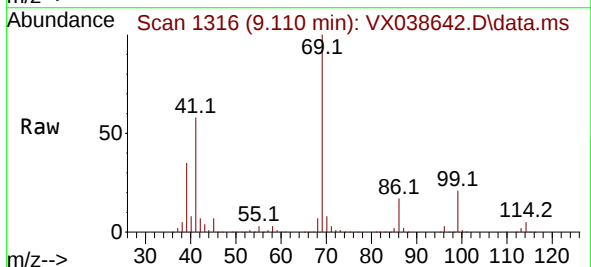
APPROVED

Reviewed By :John Carlone 11/09/2023

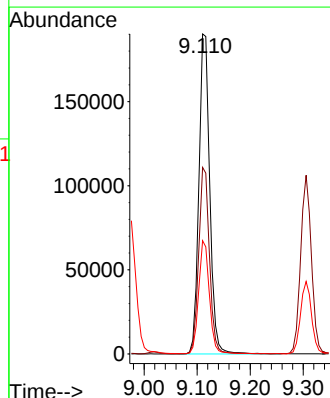
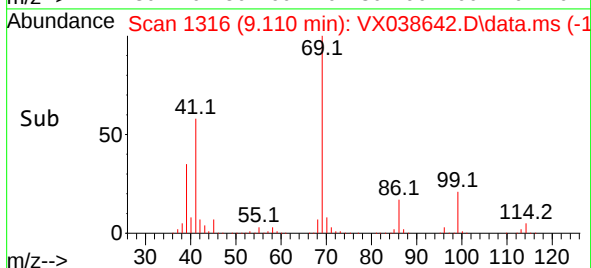
Supervised By :Semsettin Yesilyurt 11/09/2023

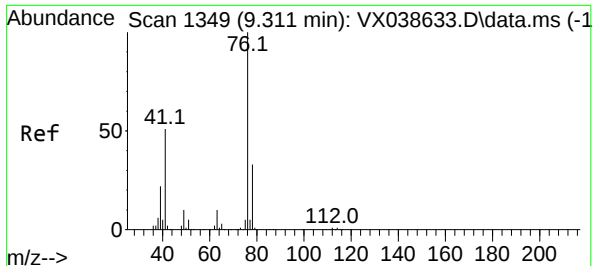


#56
Ethyl methacrylate
Concen: 49.595 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42



Tgt Ion: 69 Resp: 271340
Ion Ratio Lower Upper
69 100
41 57.7 56.8 85.2
39 35.1 32.0 48.0





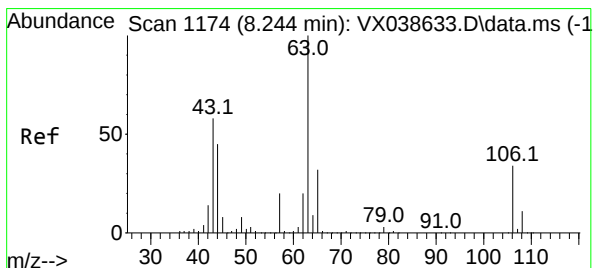
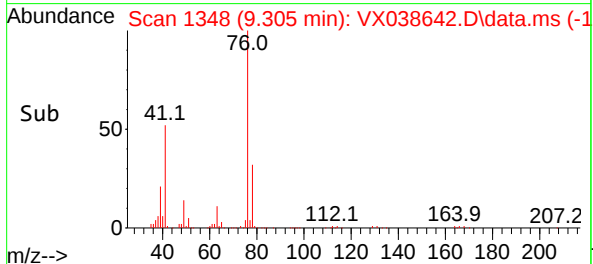
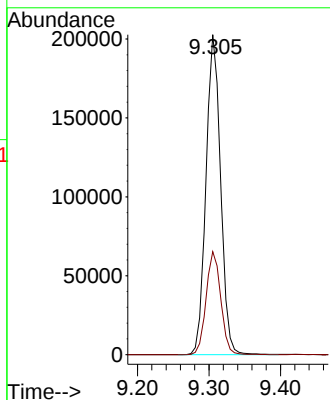
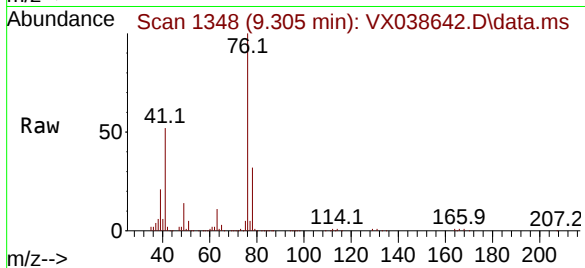
#57
1,3-Dichloropropane
Concen: 47.233 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 287683
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

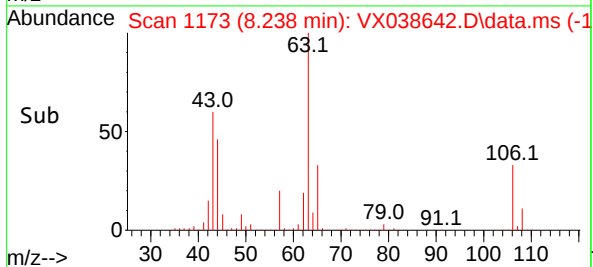
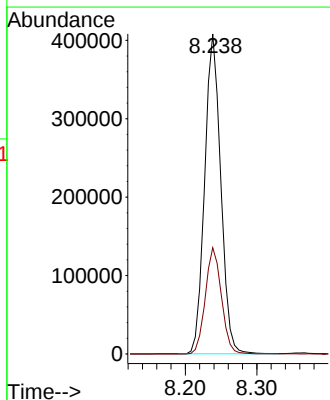
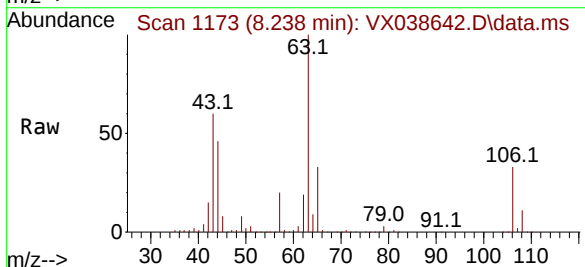
Manual Integrations
APPROVED

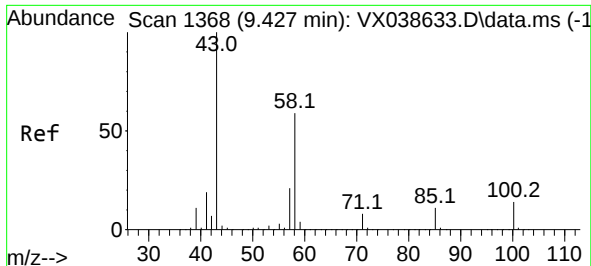
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#58
2-Chloroethyl Vinyl ether
Concen: 237.119 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

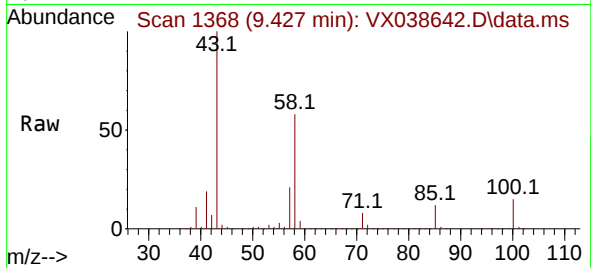
Tgt Ion: 63 Resp: 637847
Ion Ratio Lower Upper
63 100
106 33.2 22.5 33.7





#59
2-Hexanone
Concen: 231.836 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

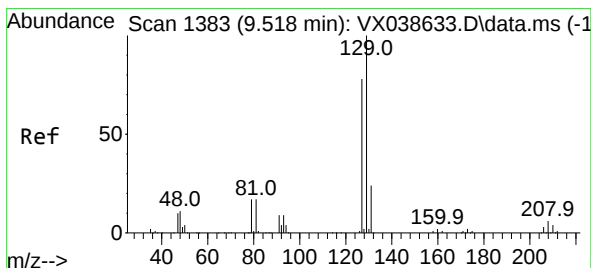
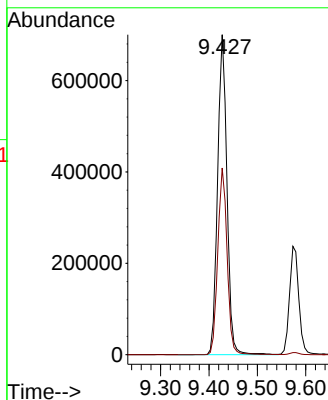
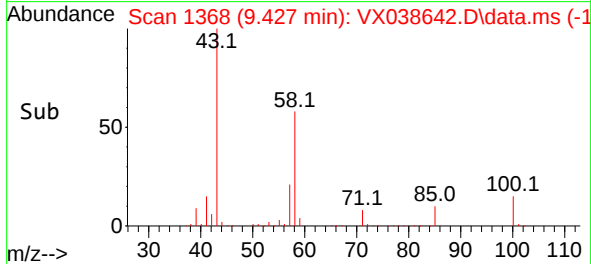
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 937052
Ion Ratio Lower Upper
43 100
58 58.3 26.2 78.5

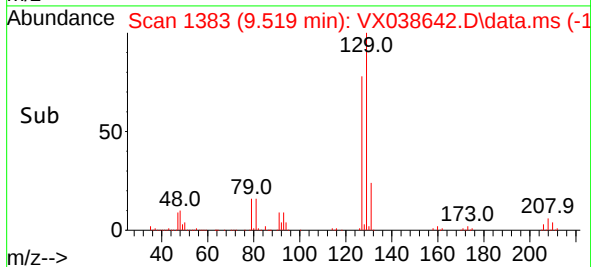
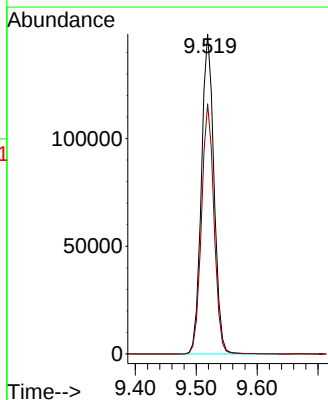
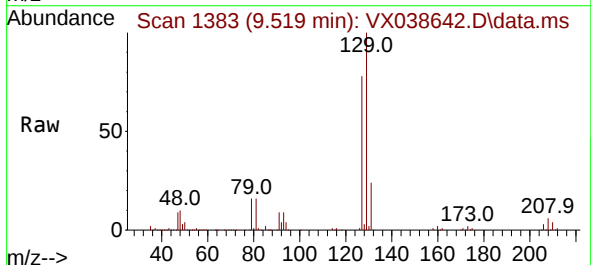
Manual Integrations
APPROVED

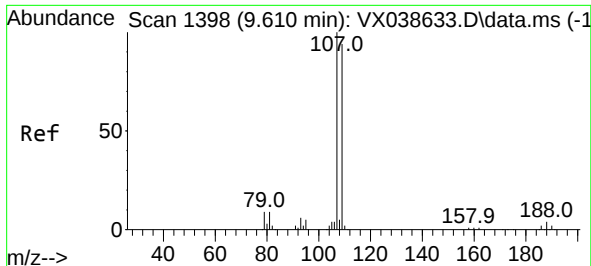
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#60
Dibromochloromethane
Concen: 48.551 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion:129 Resp: 213124
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 47.314 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

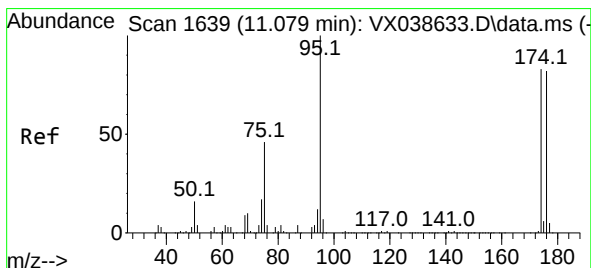
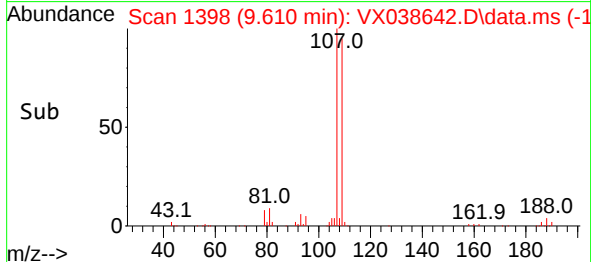
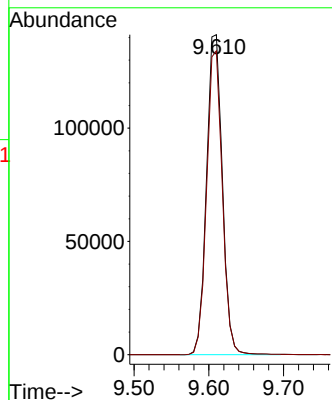
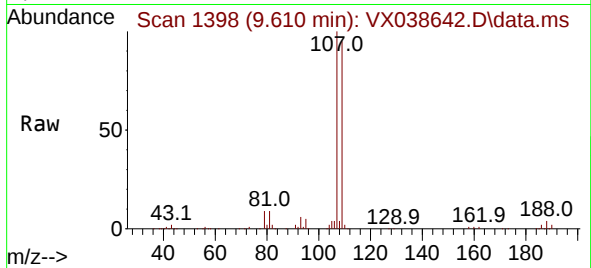
Tgt Ion:107 Resp: 207934
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

Manual Integrations

APPROVED

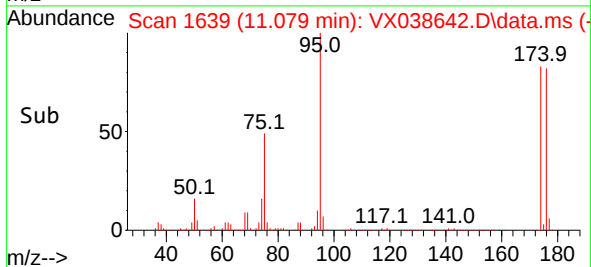
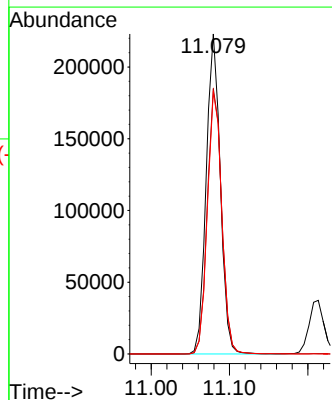
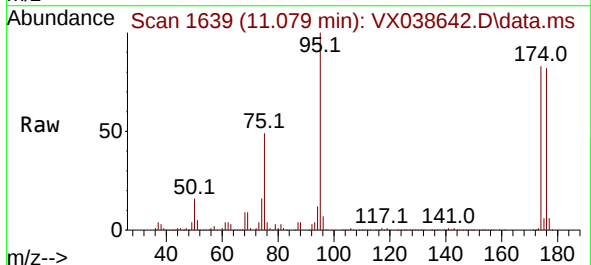
Reviewed By :John Carlone 11/09/2023

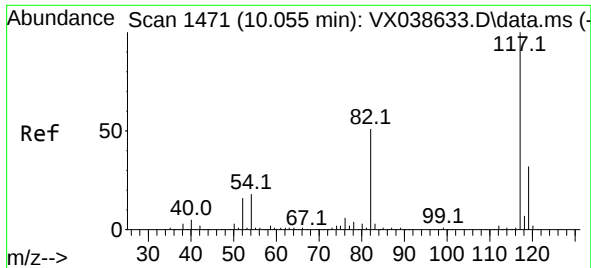
Supervised By :Semsettin Yesilyurt 11/09/2023



#62
4-Bromofluorobenzene
Concen: 50.909 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

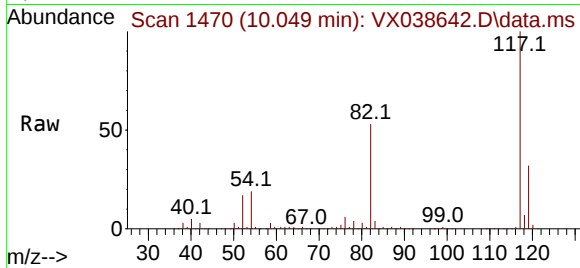
Tgt Ion: 95 Resp: 277730
Ion Ratio Lower Upper
95 100
174 84.9 0.0 135.6
176 83.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

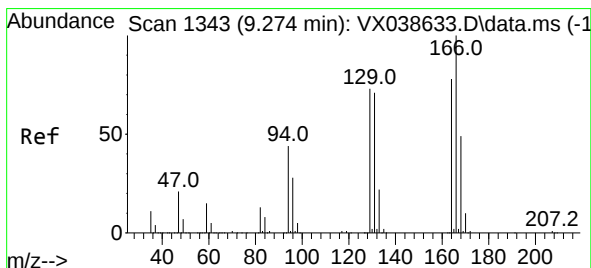
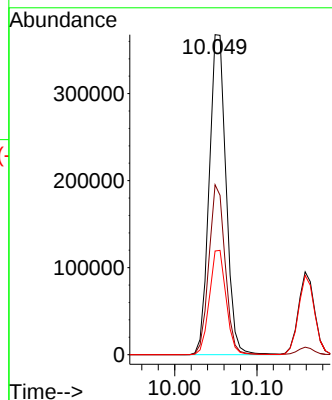
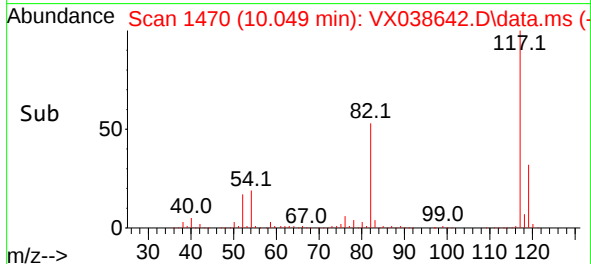
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 523000
Ion Ratio Lower Upper
117 100
82 53.1 46.2 69.4
119 32.4 25.5 38.3

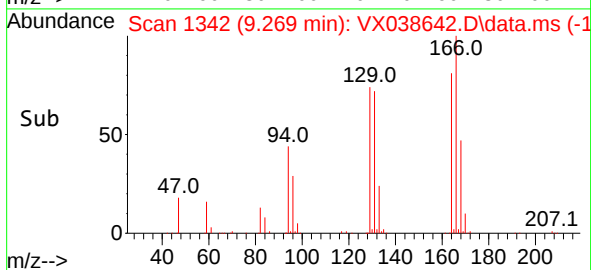
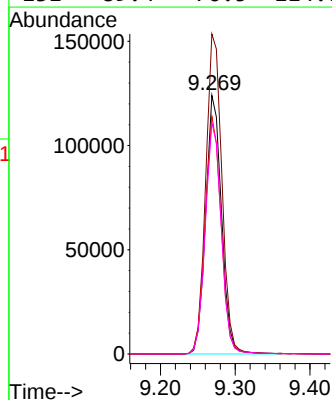
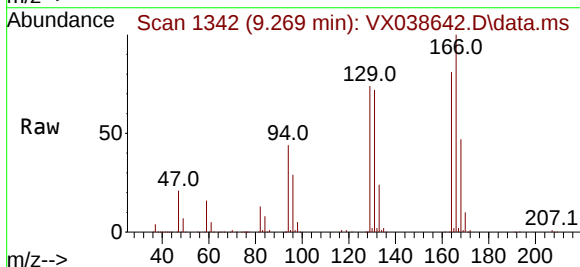
Manual Integrations
APPROVED

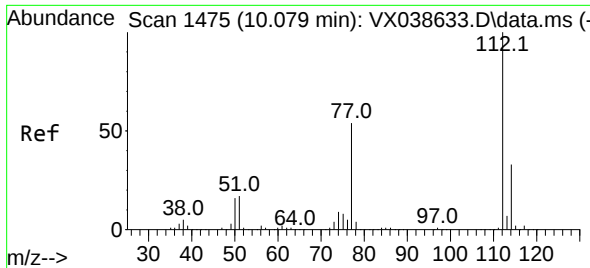
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#64
Tetrachloroethene
Concen: 46.593 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

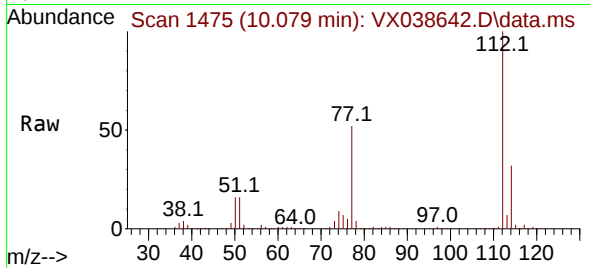
Tgt Ion:164 Resp: 182404
Ion Ratio Lower Upper
164 100
166 123.7 102.7 154.1
129 91.9 80.4 120.6
131 89.4 76.5 114.7





#65
Chlorobenzene
Concen: 47.518 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

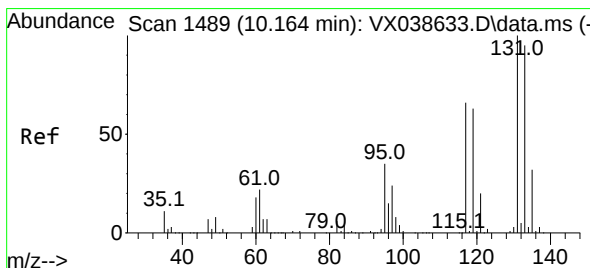
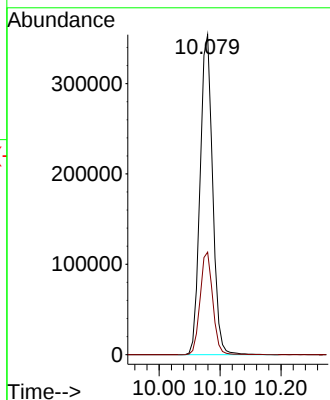
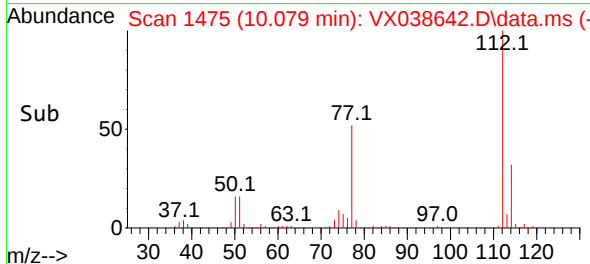
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



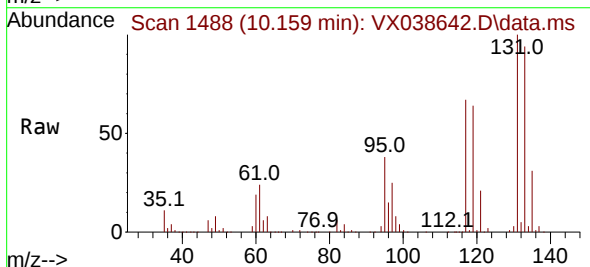
Tgt Ion:112 Resp: 505904
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

Manual Integrations
APPROVED

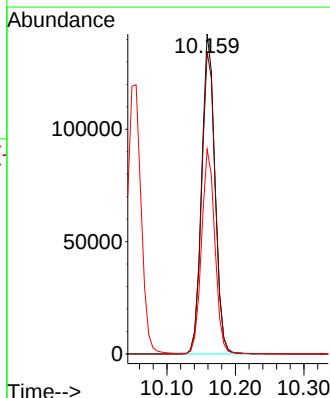
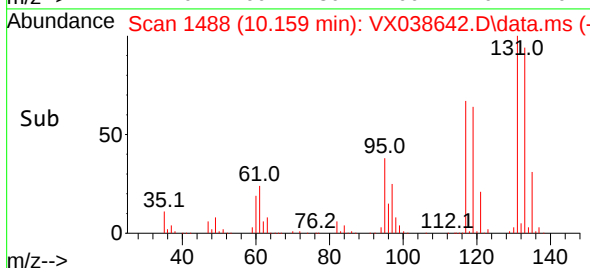
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

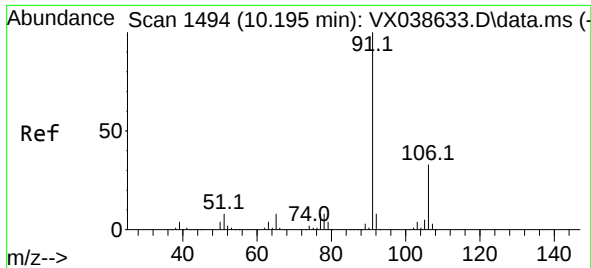


#66
1,1,1,2-Tetrachloroethane
Concen: 48.088 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42



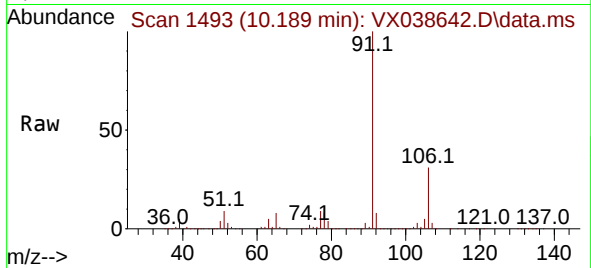
Tgt Ion:131 Resp: 192467
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 64.3 32.2 96.6





#67
Ethyl Benzene
Concen: 48.085 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

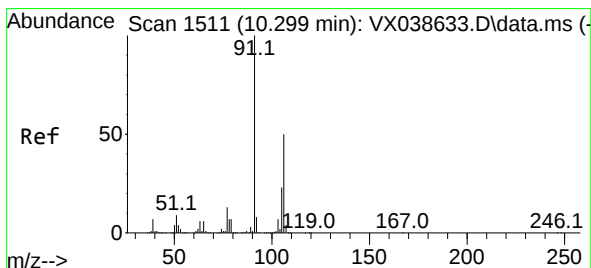
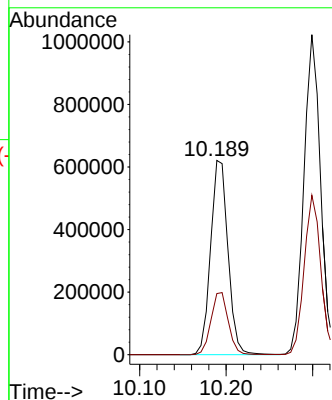
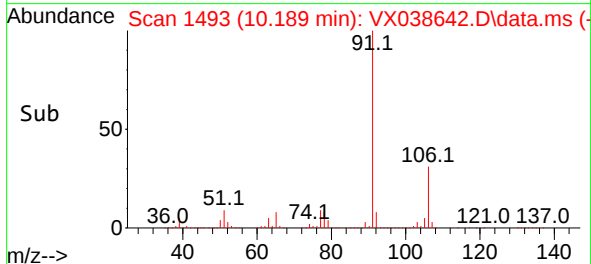
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



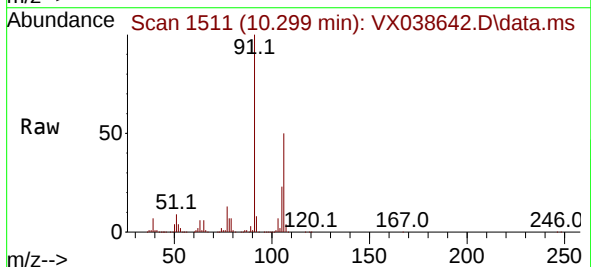
Tgt Ion: 91 Resp: 865972
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

Manual Integrations
APPROVED

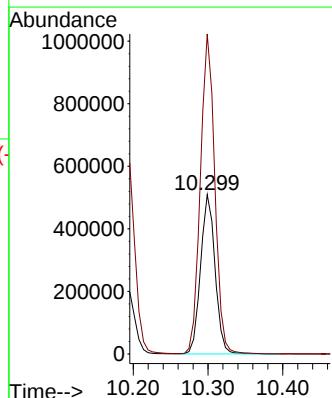
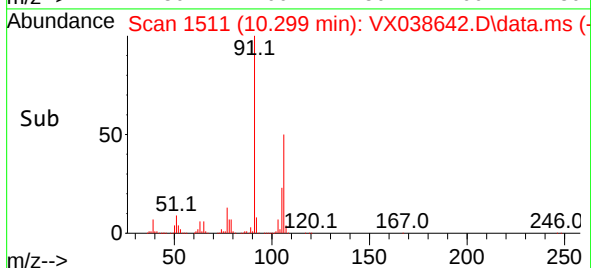
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

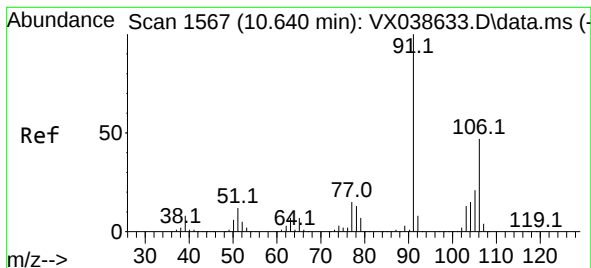


#68
m/p-Xylenes
Concen: 95.676 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42



Tgt Ion:106 Resp: 683854
Ion Ratio Lower Upper
106 100
91 200.4 165.5 248.3





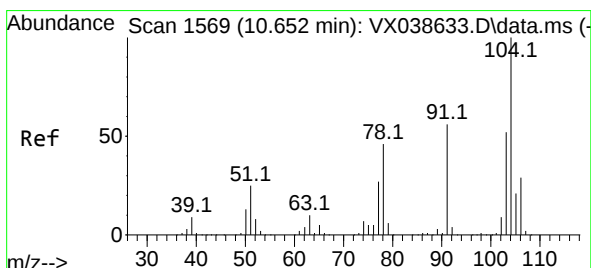
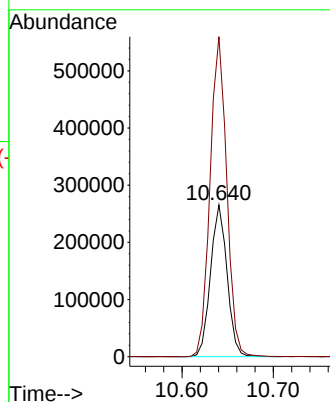
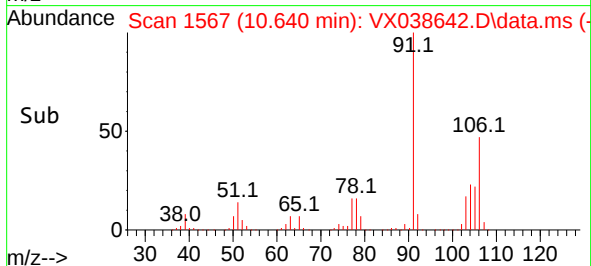
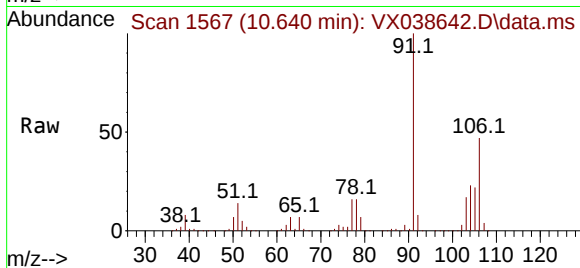
#69
o-Xylene
Concen: 47.933 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 333168
Ion Ratio Lower Upper
106 100
91 212.1 108.9 326.8

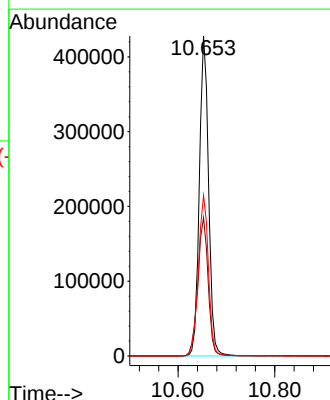
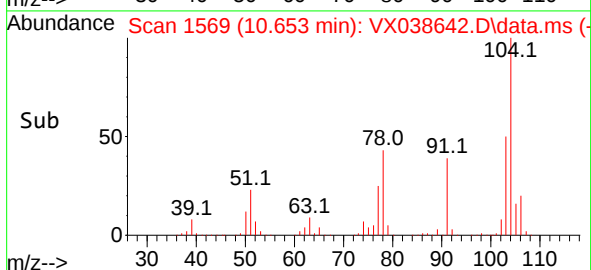
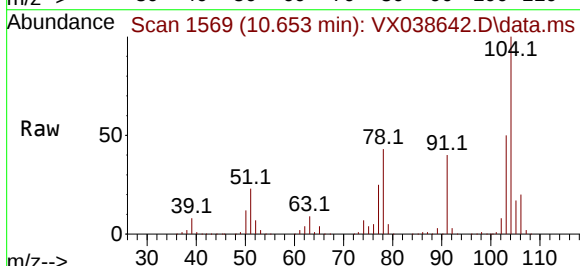
Manual Integrations
APPROVED

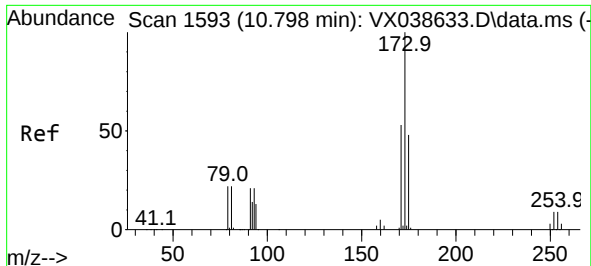
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#70
Styrene
Concen: 49.193 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

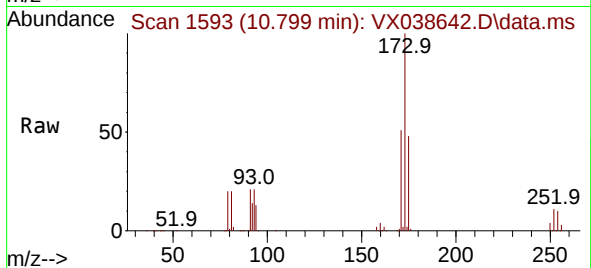
Tgt Ion:104 Resp: 564326
Ion Ratio Lower Upper
104 100
78 48.3 43.6 65.4
103 55.2 43.6 65.4





#71
Bromoform
Concen: 48.596 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

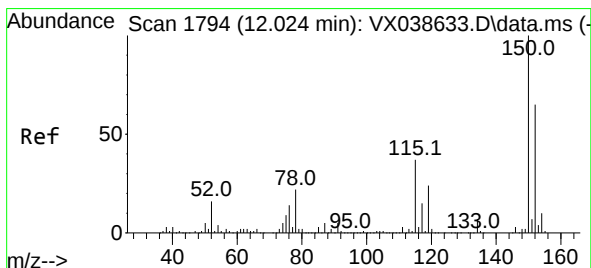
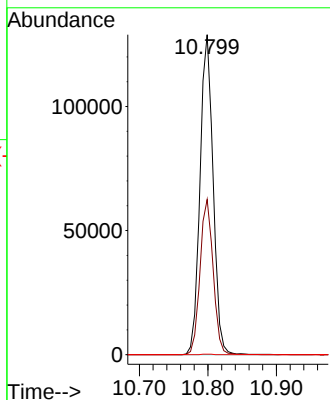
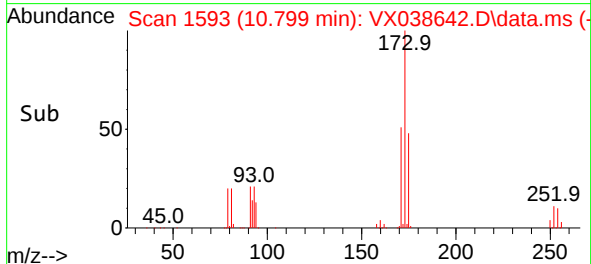
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 171672
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.1 0.0 0.0

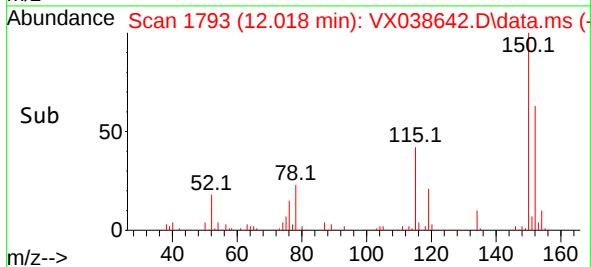
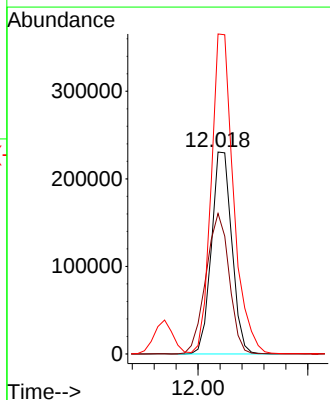
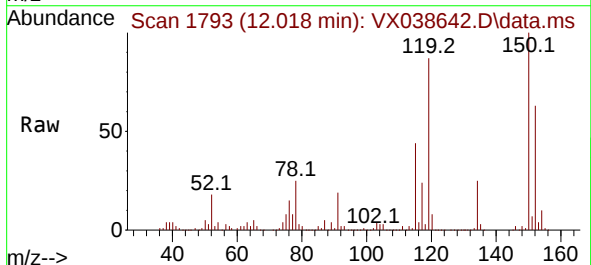
Manual Integrations
APPROVED

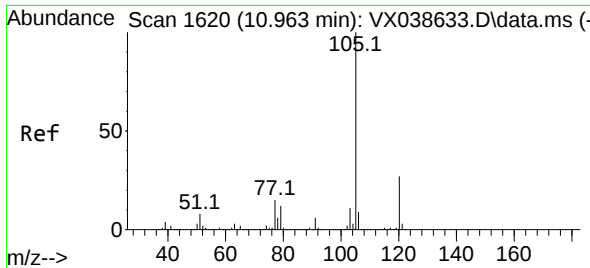
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion:152 Resp: 297935
Ion Ratio Lower Upper
152 100
115 79.3 43.3 129.9
150 173.3 0.0 345.0





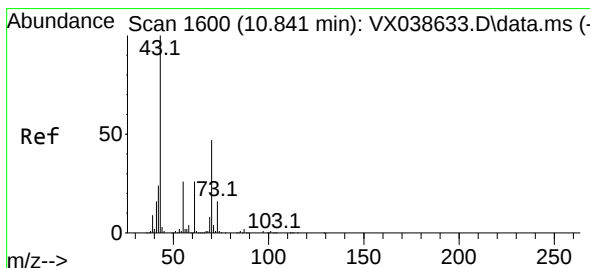
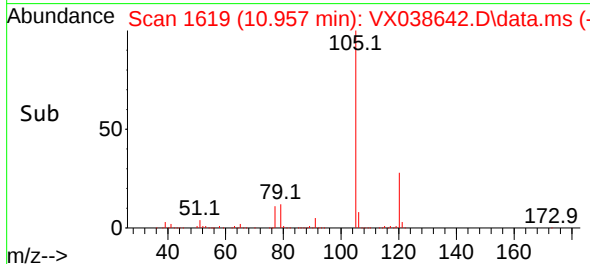
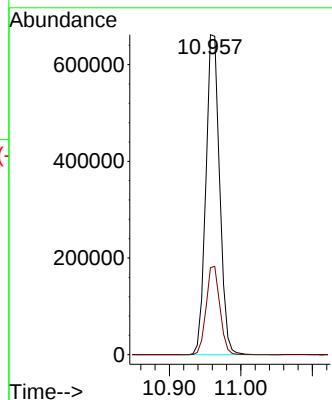
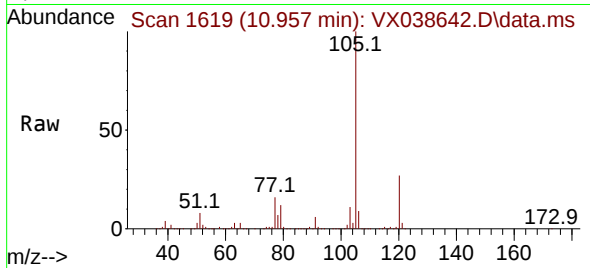
#73
Isopropylbenzene
Concen: 48.409 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 88482
Ion Ratio Lower Upper
105 100
120 27.6 12.9 38.6

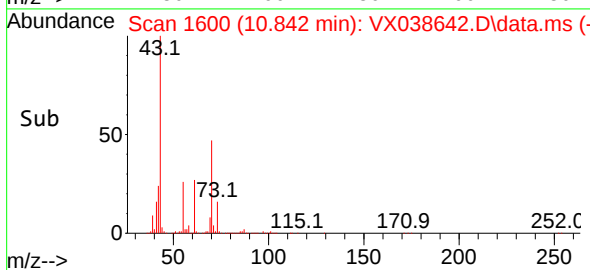
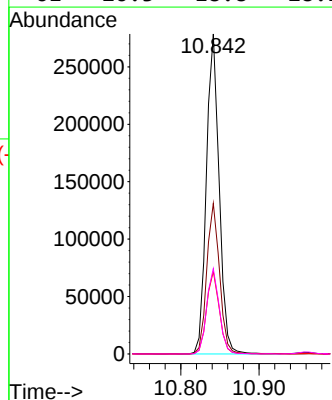
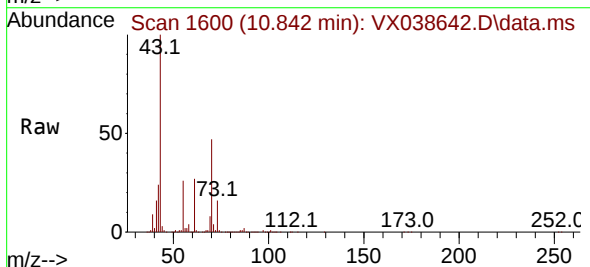
Manual Integrations
APPROVED

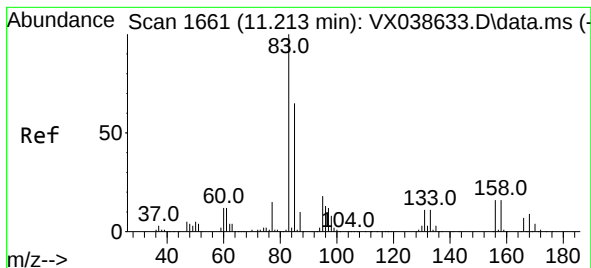
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#74
N-ethyl acetate
Concen: 49.457 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

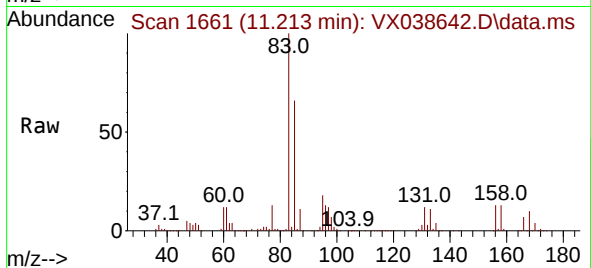
Tgt Ion: 43 Resp: 314092
Ion Ratio Lower Upper
43 100
70 47.3 32.9 49.3
55 25.8 19.3 28.9
61 26.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.206 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

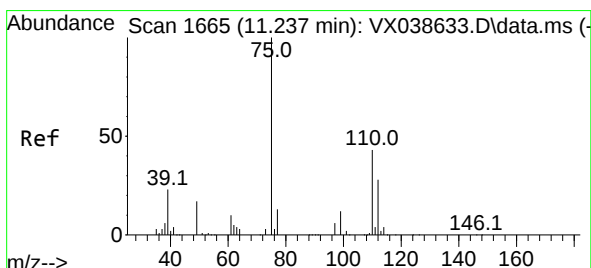
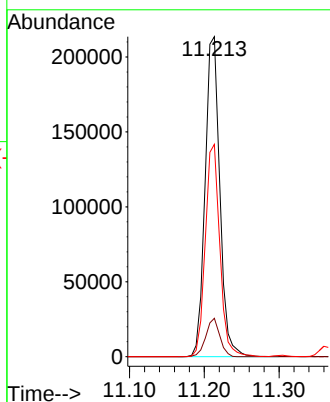
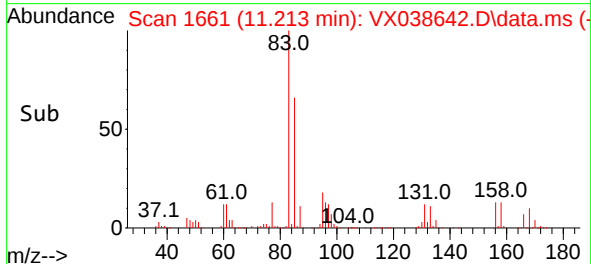
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



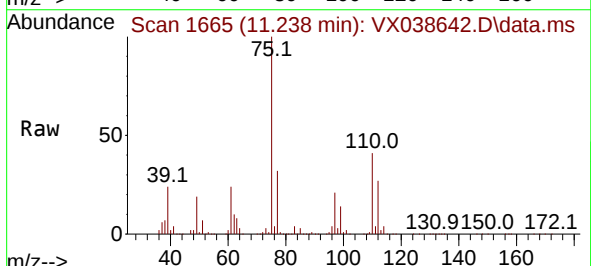
Tgt Ion: 83 Resp: 29197
Ion Ratio Lower Upper
83 100
131 11.4 5.3 15.8
85 65.5 32.0 96.2

Manual Integrations
APPROVED

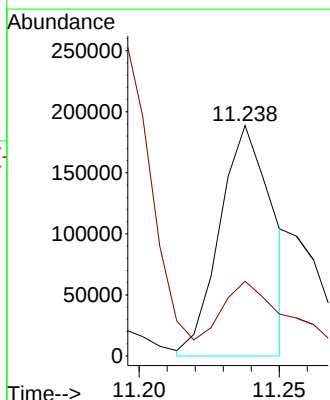
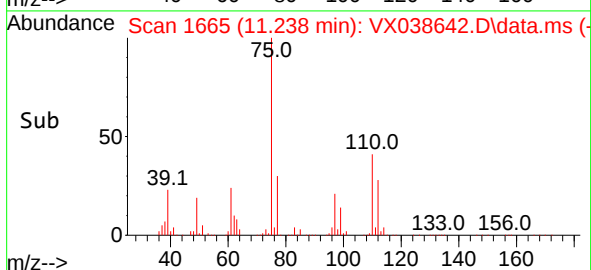
Reviewed By :John Carbone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

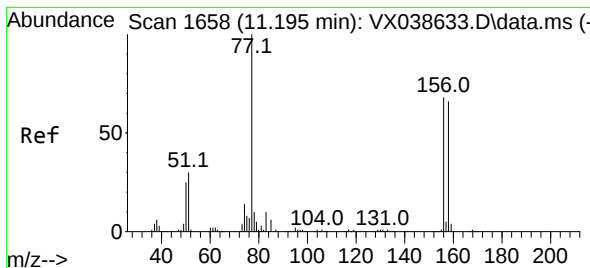


#76
1,2,3-Trichloropropane
Concen: 41.589 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42



Tgt Ion: 75 Resp: 245401
Ion Ratio Lower Upper
75 100
77 43.1 19.1 57.5





#77

Bromobenzene

Concen: 46.879 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

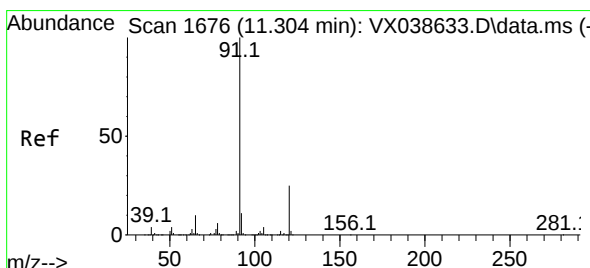
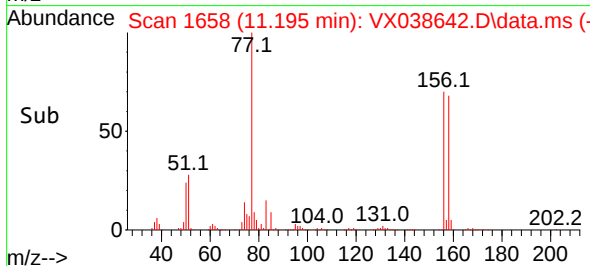
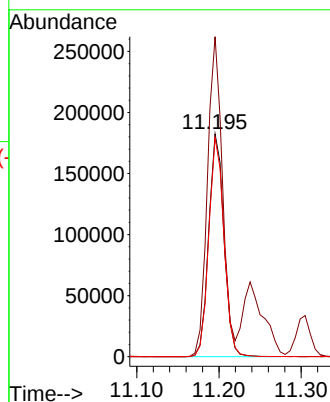
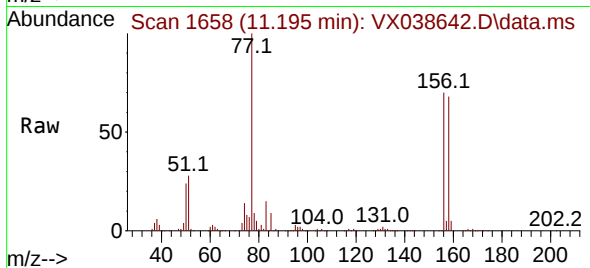
Tgt Ion:	156	Resp:	235164
Ion Ratio	Lower	Upper	
156	100		
77	141.3	88.4	265.3
158	97.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#78

n-propylbenzene

Concen: 48.535 ug/l

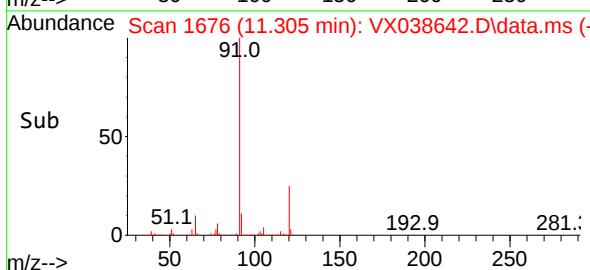
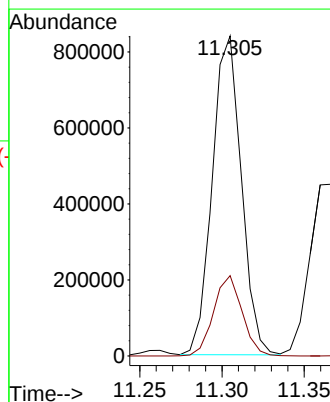
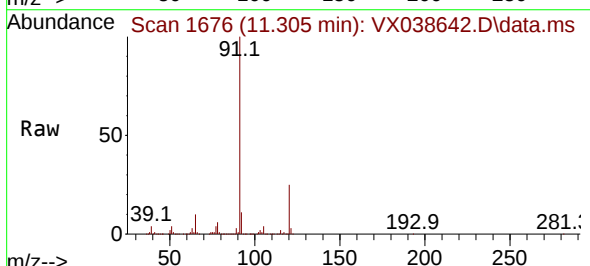
RT: 11.305 min Scan# 1676

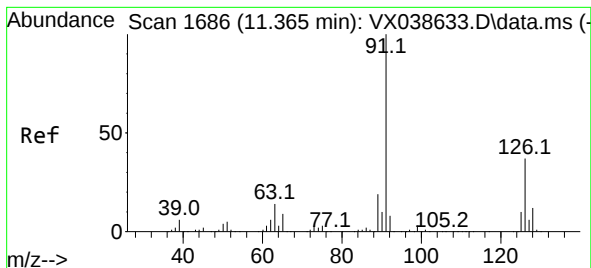
Delta R.T. 0.000 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Tgt Ion:	91	Resp:	1032327
Ion Ratio	Lower	Upper	
91	100		
120	24.7	11.5	34.4





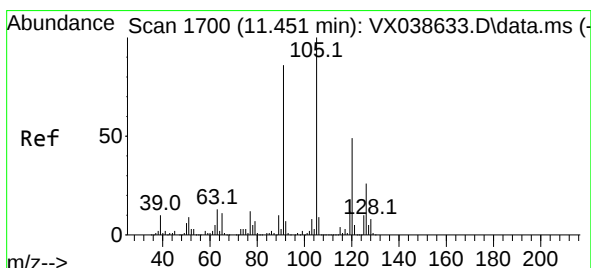
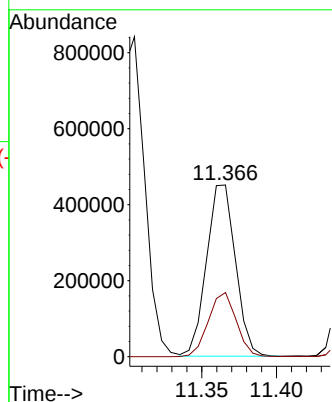
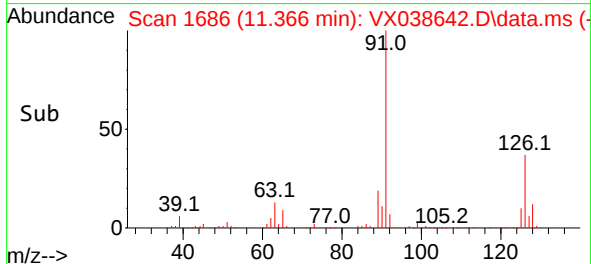
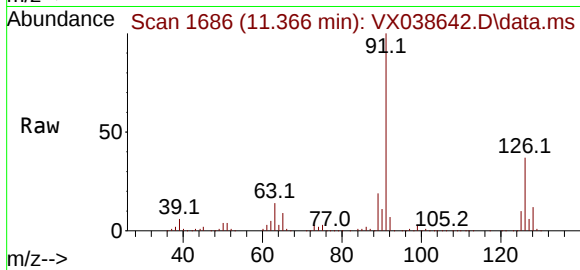
#79
2-Chlorotoluene
Concen: 47.680 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 60717
Ion Ratio Lower Upper
91 100
126 36.2 16.3 48.8

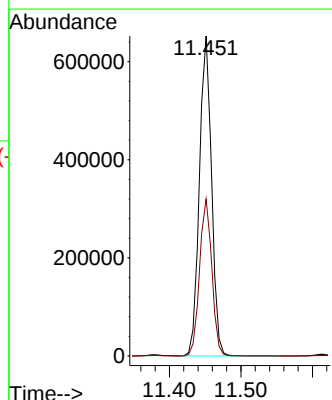
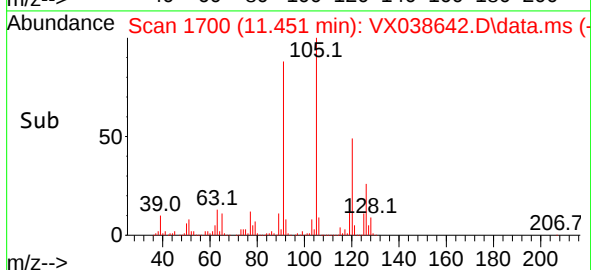
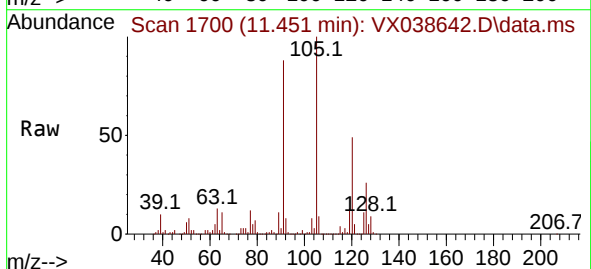
Manual Integrations
APPROVED

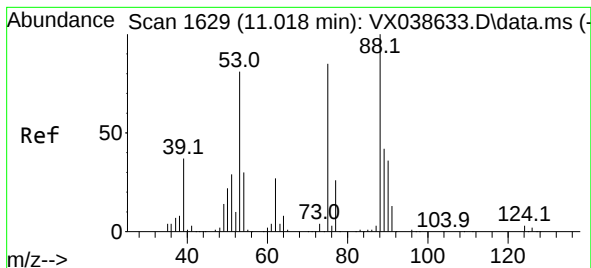
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.823 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion:105 Resp: 768043
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.3





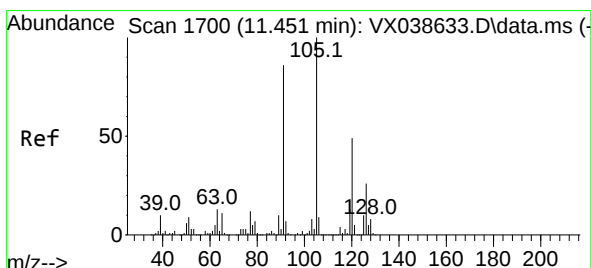
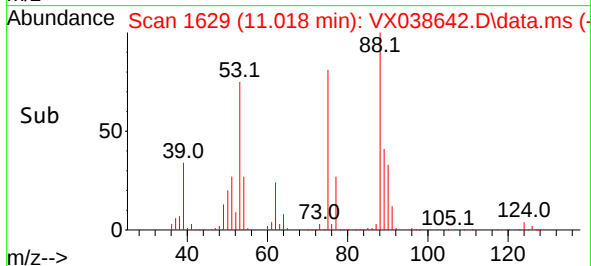
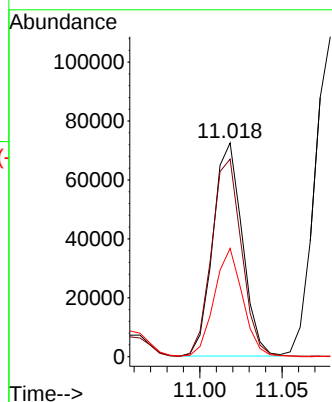
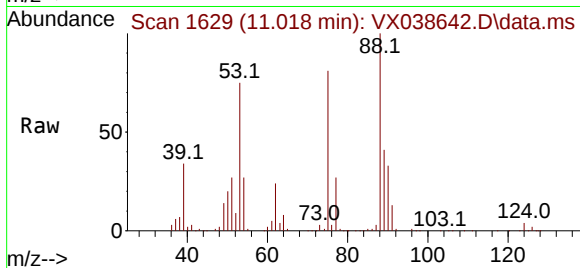
#81
trans-1,4-Dichloro-2-butene
Concen: 47.958 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 9005
Ion Ratio Lower Upper
75 100
53 94.3 90.5 135.7
89 49.3 36.9 55.3

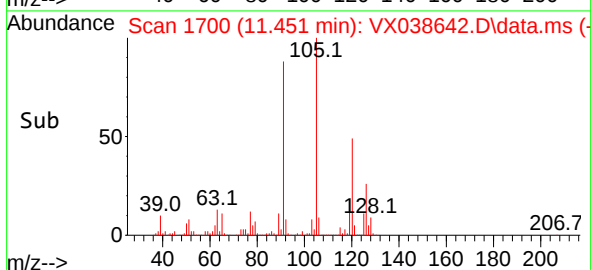
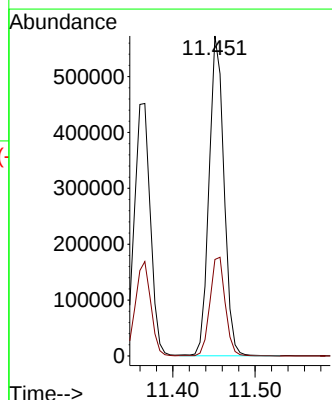
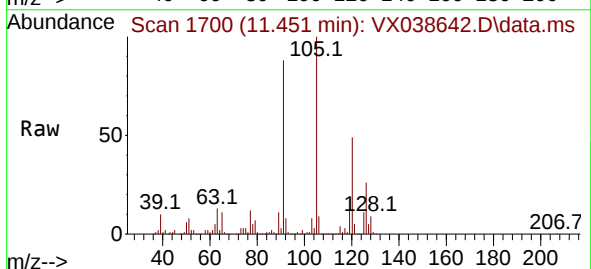
Manual Integrations
APPROVED

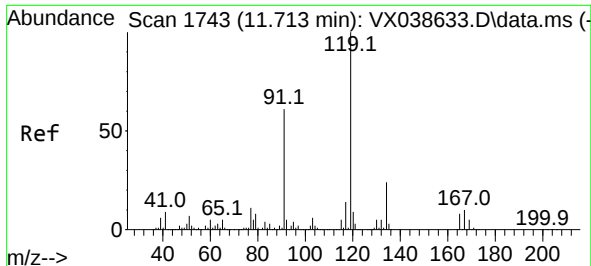
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#82
4-Chlorotoluene
Concen: 48.505 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

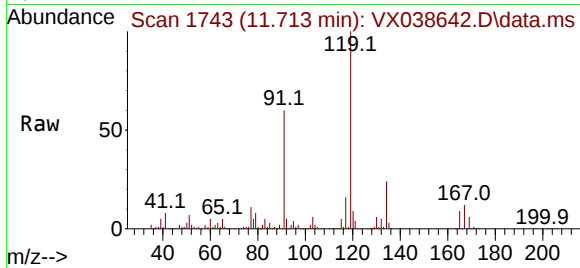
Tgt Ion: 91 Resp: 721606
Ion Ratio Lower Upper
91 100
126 31.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.267 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

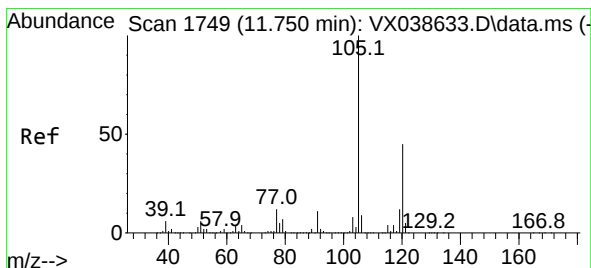
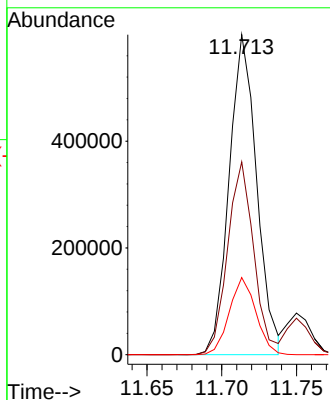
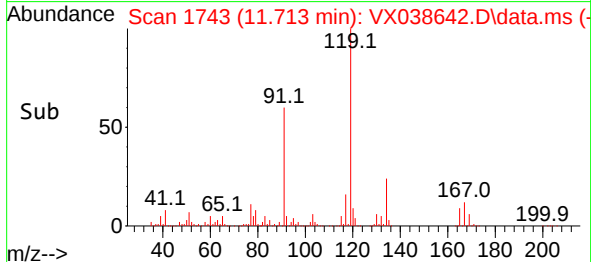
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



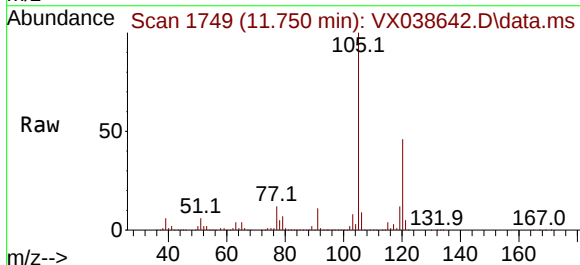
Tgt Ion:119 Resp: 769380
Ion Ratio Lower Upper
119 100
91 57.3 31.2 93.6
134 23.2 11.7 35.0

Manual Integrations
APPROVED

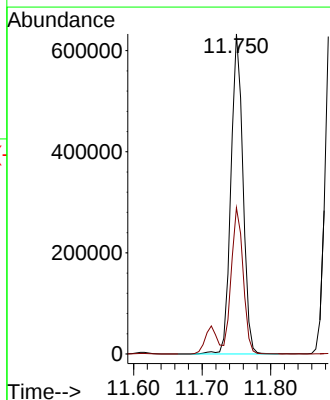
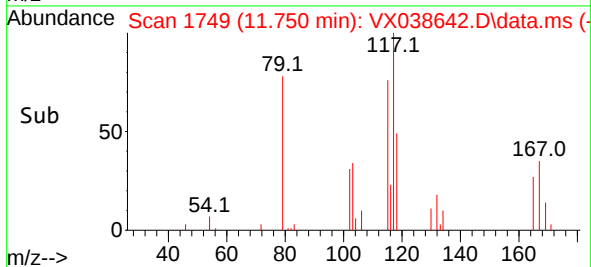
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

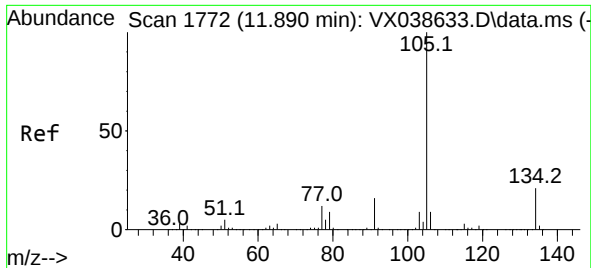


#84
1,2,4-Trimethylbenzene
Concen: 49.182 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42



Tgt Ion:105 Resp: 767369
Ion Ratio Lower Upper
105 100
120 44.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 48.088 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038642.D
 Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

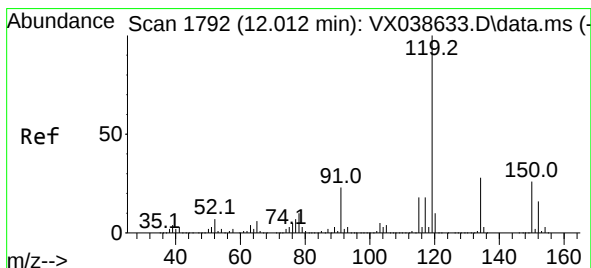
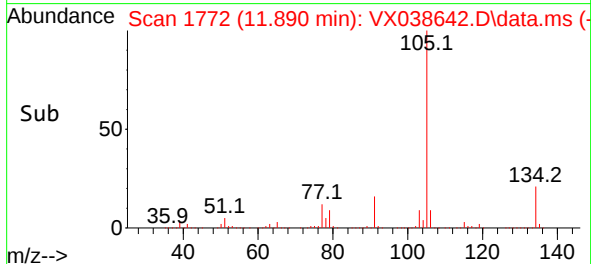
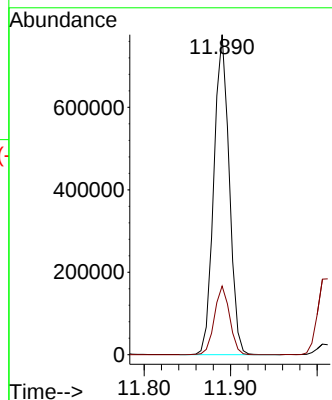
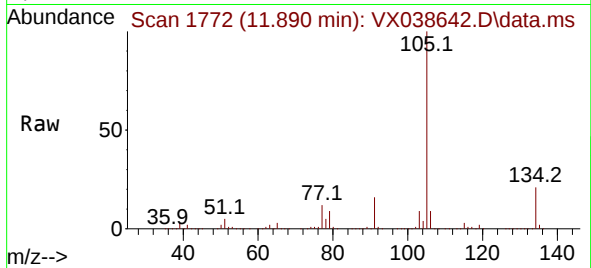
VSTDCCC050

Tgt Ion:105 Resp: 956469
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.8 29.4

Manual Integrations

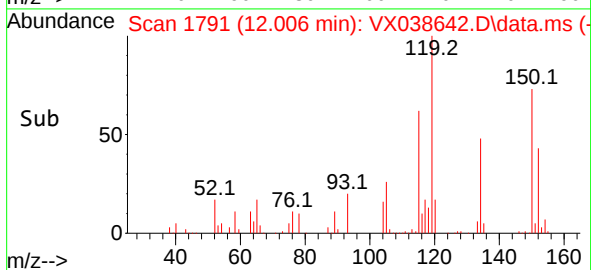
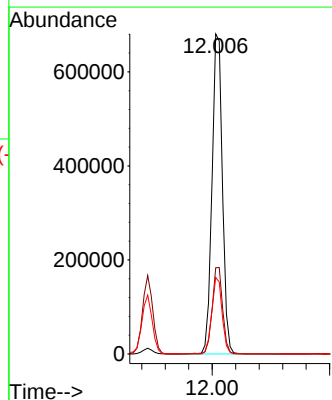
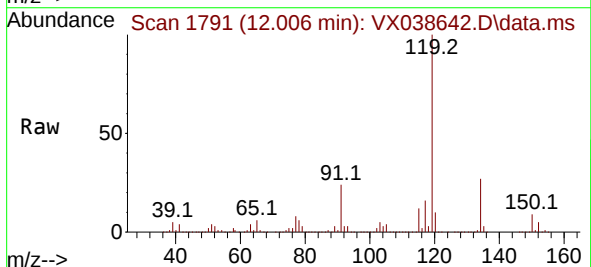
APPROVED

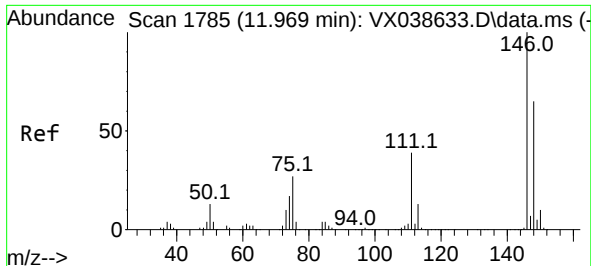
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#86
 p-Isopropyltoluene
 Concen: 49.338 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038642.D
 Acq: 08 Nov 2023 08:42

Tgt Ion:119 Resp: 835970
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.8 38.3
 91 23.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 46.801 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 448860

Ion Ratio Lower Upper

146 100

111 40.0 22.1 66.1

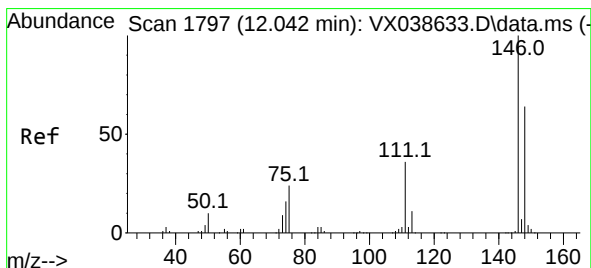
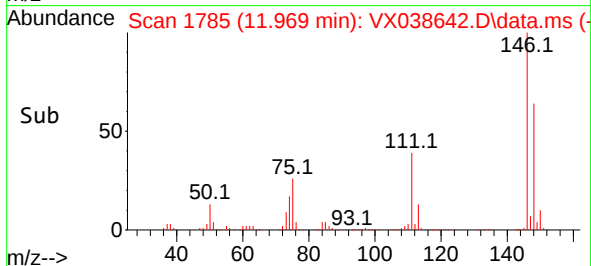
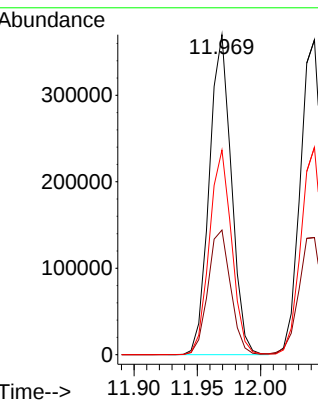
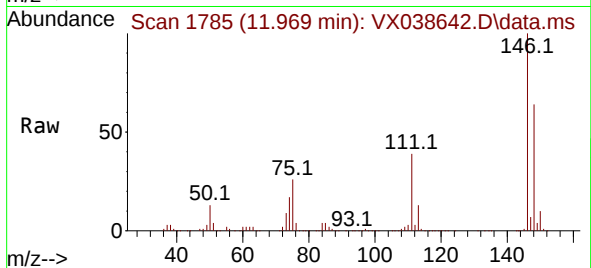
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#88

1,4-Dichlorobenzene

Concen: 46.411 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

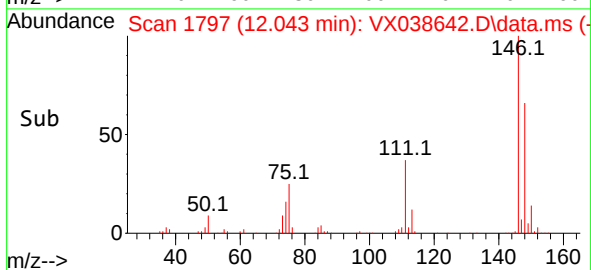
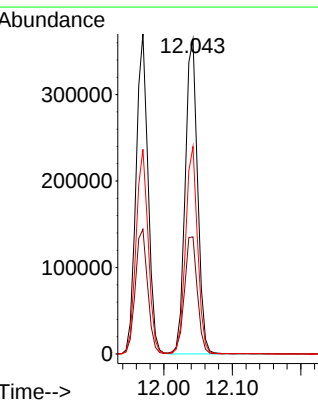
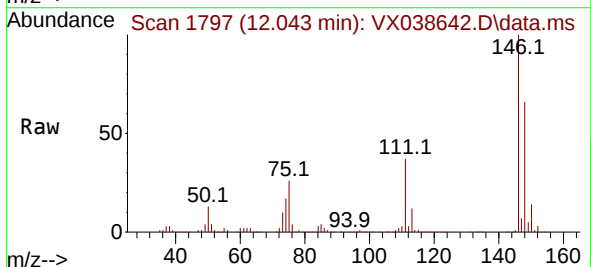
Tgt Ion:146 Resp: 457520

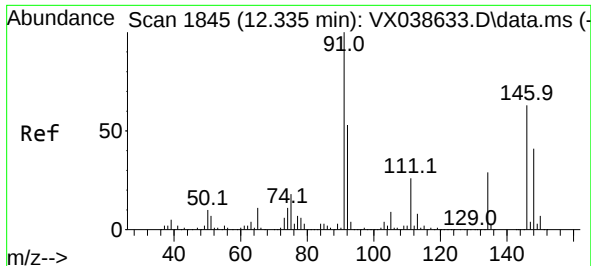
Ion Ratio Lower Upper

146 100

111 38.8 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 49.151 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038642.D

Acq: 08 Nov 2023 08:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 741088

Ion Ratio Lower Upper

91 100

92 52.5 27.4 82.0

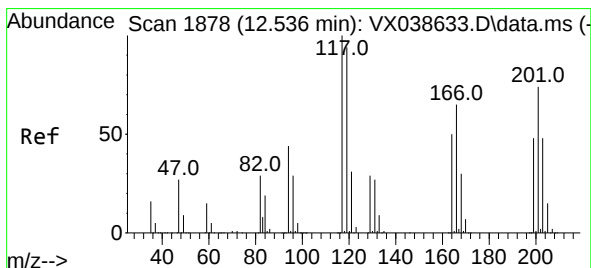
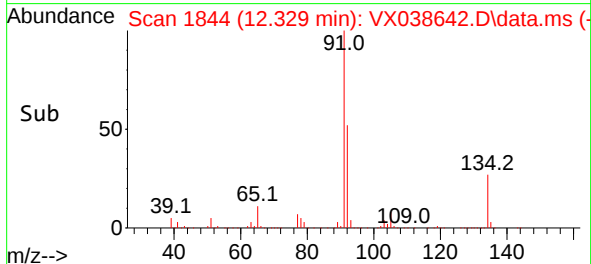
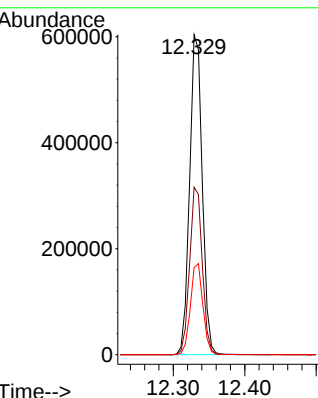
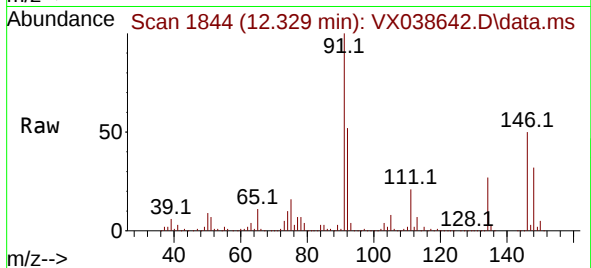
134 28.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#90

Hexachloroethane

Concen: 49.869 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038642.D

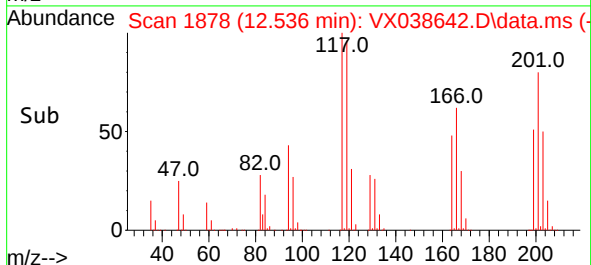
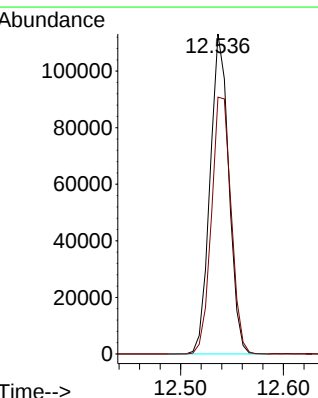
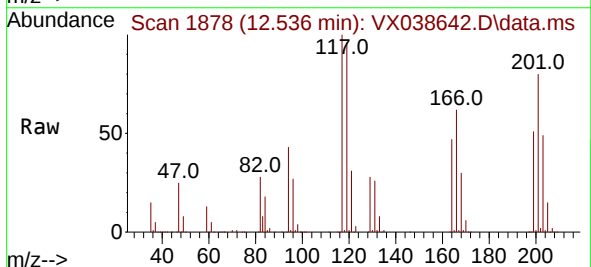
Acq: 08 Nov 2023 08:42

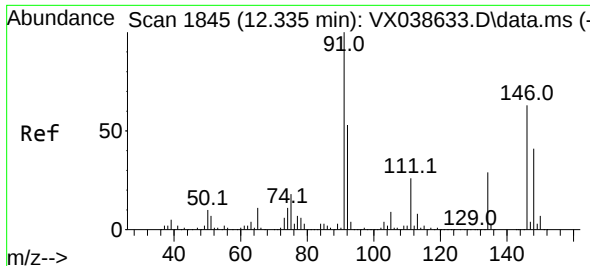
Tgt Ion:117 Resp: 143125

Ion Ratio Lower Upper

117 100

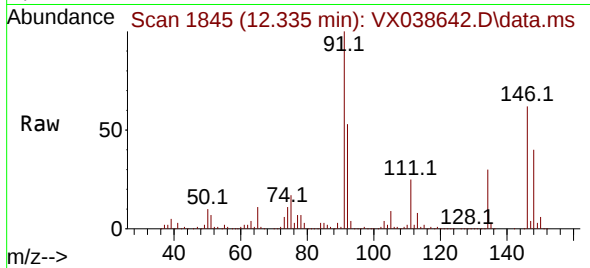
201 84.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 47.026 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

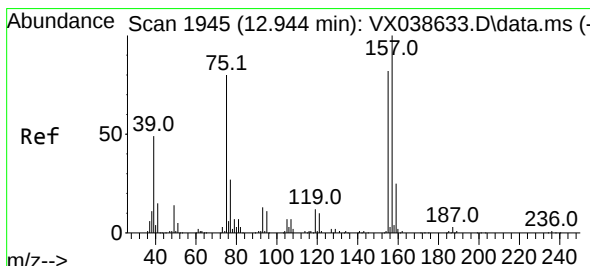
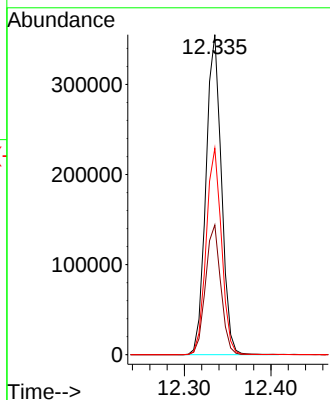
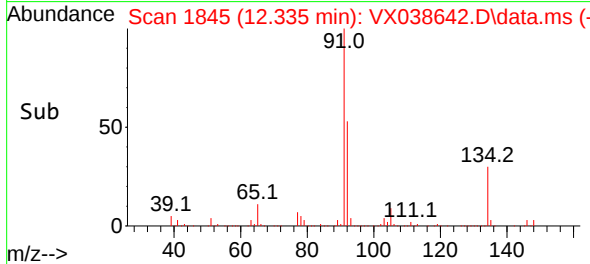
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



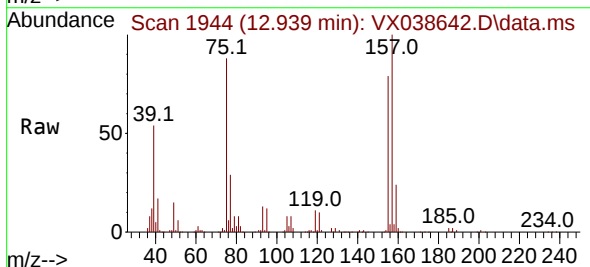
Tgt Ion:146 Resp: 440472
Ion Ratio Lower Upper
146 100
111 40.2 22.4 67.0
148 64.0 31.6 95.0

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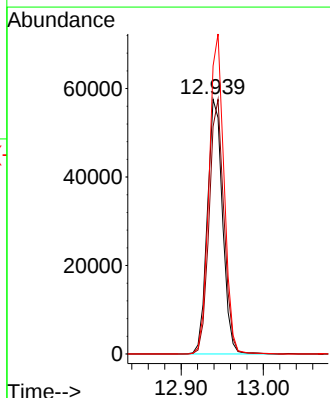
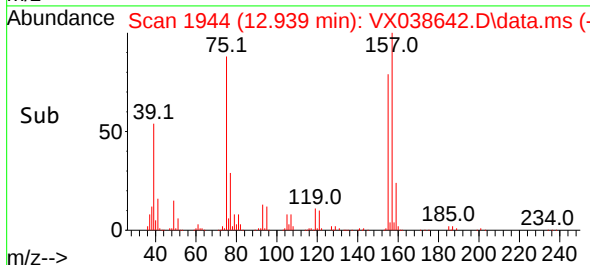
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

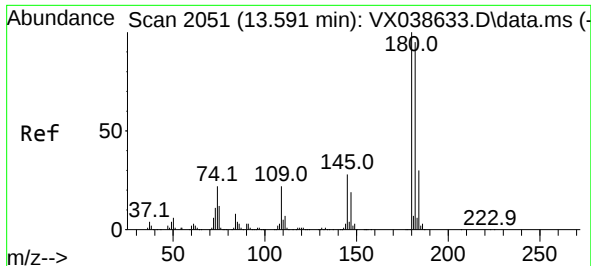


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.503 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42



Tgt Ion: 75 Resp: 73854
Ion Ratio Lower Upper
75 100
155 97.2 36.1 108.5
157 123.5 44.9 134.7





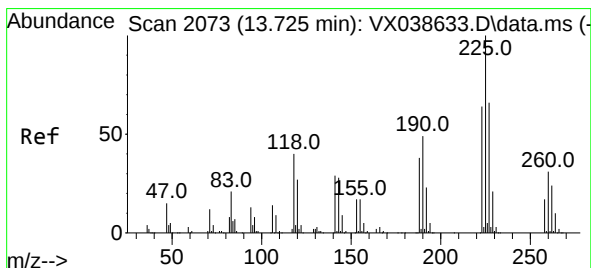
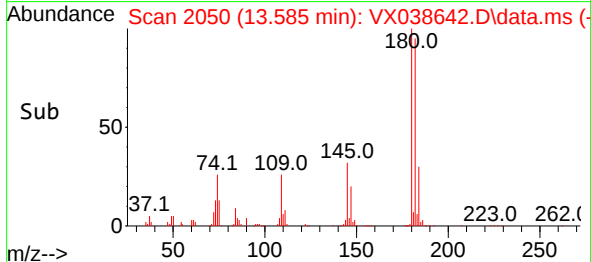
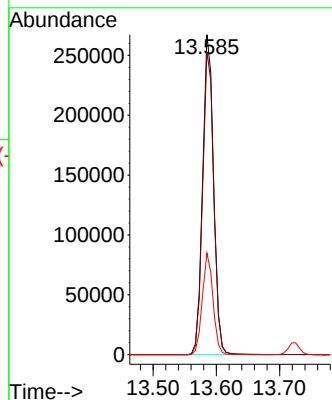
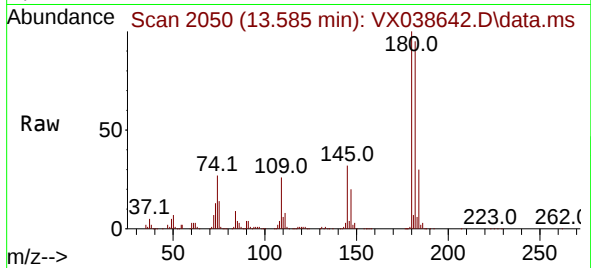
#93
1,2,4-Trichlorobenzene
Concen: 48.229 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 323104
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.8
145 30.9 18.0 54.0

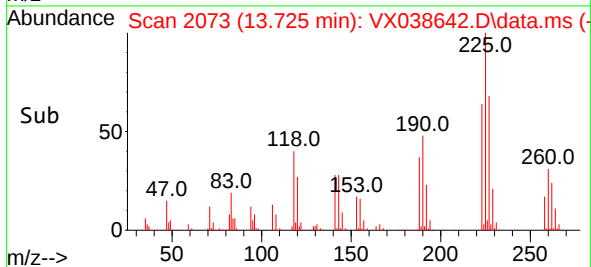
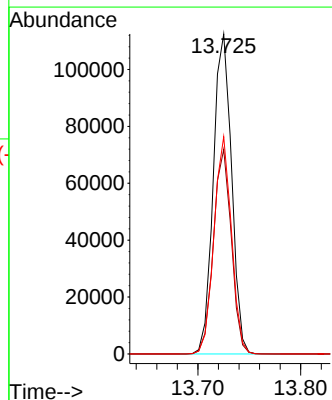
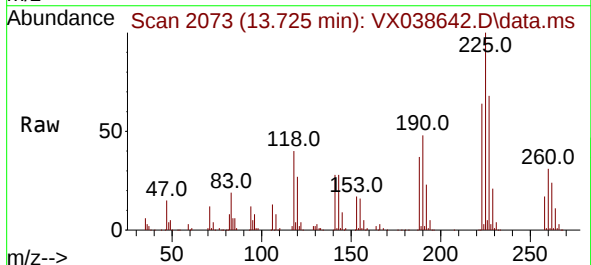
Manual Integrations
APPROVED

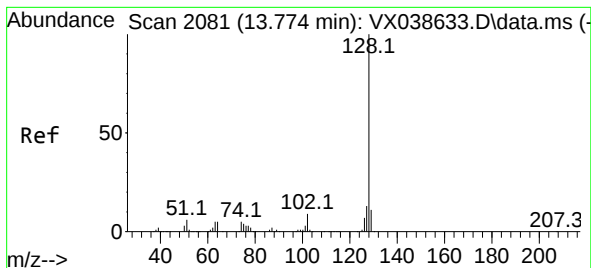
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#94
Hexachlorobutadiene
Concen: 47.880 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

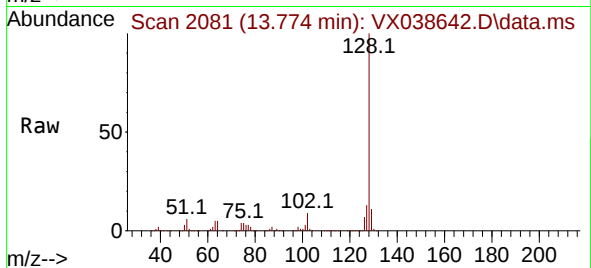
Tgt Ion:225 Resp: 138412
Ion Ratio Lower Upper
225 100
223 62.6 31.1 93.2
227 65.1 32.5 97.5





#95
Naphthalene
Concen: 48.454 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

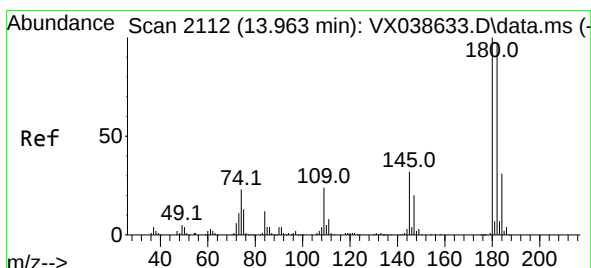
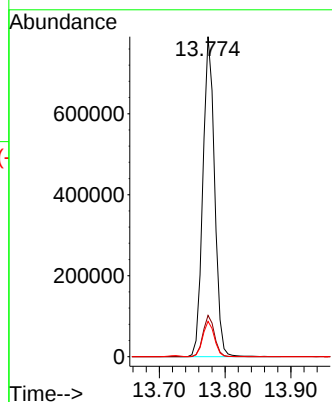
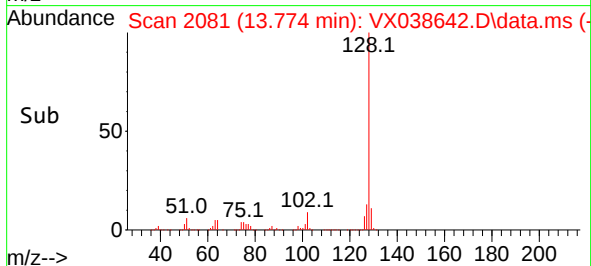
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 97916
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 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: 47.611 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038642.D
Acq: 08 Nov 2023 08:42

Tgt Ion:180 Resp: 314390
Ion Ratio Lower Upper
180 100
182 94.0 46.9 140.6
145 32.4 17.8 53.5

