

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037882.D
 Acq On : 25 Sep 2023 09:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 26 06:55:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/26/2023
 Supervised By : Semsettin Yesilyurt 09/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	269194	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	426893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	411487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	175036	49.490	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.980%		
35) Dibromofluoromethane	5.385	113	154349	54.037	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.080%		
50) Toluene-d8	8.647	98	567051	53.429	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.860%		
62) 4-Bromofluorobenzene	11.079	95	220074	57.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	124589	43.910	ug/l	100
3) Chloromethane	1.295	50	132414	42.891	ug/l	97
4) Vinyl Chloride	1.374	62	145915	43.811	ug/l	100
5) Bromomethane	1.599	94	110960	46.537	ug/l	99
6) Chloroethane	1.685	64	99722	43.462	ug/l	97
7) Trichlorofluoromethane	1.886	101	249151	46.531	ug/l	100
8) Diethyl Ether	2.130	74	93503	45.073	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	132182	48.643	ug/l	95
10) Methyl Iodide	2.453	142	153722	42.747	ug/l	93
11) Tert butyl alcohol	2.953	59	157156	207.012	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	122548	46.663	ug/l	86
13) Acrolein	2.233	56	168703	224.942	ug/l	98
14) Allyl chloride	2.660	41	204517	46.757	ug/l	# 94
15) Acrylonitrile	3.063	53	385403	228.333	ug/l	99
16) Acetone	2.374	43	407511	239.513	ug/l	# 89
17) Carbon Disulfide	2.514	76	289407	43.953	ug/l	99
18) Methyl Acetate	2.703	43	280481	45.698	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	458971	47.508	ug/l	100
20) Methylene Chloride	2.788	84	149094	47.397	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	137247	47.064	ug/l	89
22) Diisopropyl ether	3.757	45	433992	47.634	ug/l	90
23) Vinyl Acetate	3.721	43	1607177	239.819	ug/l	96
24) 1,1-Dichloroethane	3.605	63	259153	47.466	ug/l	100
25) 2-Butanone	4.550	43	540281	225.026	ug/l	# 90
26) 2,2-Dichloropropane	4.471	77	224909	50.982	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	169246	47.340	ug/l	90
28) Bromochloromethane	4.898	49	121997	47.898	ug/l	# 81
29) Tetrahydrofuran	5.001	42	324553	217.317	ug/l	90
30) Chloroform	5.093	83	278862	47.414	ug/l	97
31) Cyclohexane	5.465	56	207828	45.782	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	245833	49.364	ug/l	98
36) 1,1-Dichloropropene	5.690	75	193637	49.212	ug/l	96
37) Ethyl Acetate	4.709	43	201165	46.505	ug/l	96
38) Carbon Tetrachloride	5.678	117	213127	51.768	ug/l	98
39) Methylcyclohexane	7.379	83	244519	48.963	ug/l	92
40) Benzene	6.038	78	584586	48.313	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	107281	48.639	ug/l #	90
42) 1,2-Dichloroethane	6.080	62	211691	48.405	ug/l	96
43) Isopropyl Acetate	6.336	43	336302	48.621	ug/l	96
44) Trichloroethene	7.123	130	159858	47.440	ug/l	93
45) 1,2-Dichloropropane	7.428	63	153560	48.869	ug/l	95
46) Dibromomethane	7.580	93	113733	50.316	ug/l	92
47) Bromodichloromethane	7.818	83	221762	53.270	ug/l	97
48) Methyl methacrylate	7.690	41	159837	48.339	ug/l #	87
49) 1,4-Dioxane	7.659	88	71592	825.877	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	1038442	236.629	ug/l	94
52) Toluene	8.720	92	388273	49.790	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	245253	56.343	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	259075	53.778	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	165938	50.471	ug/l	96
56) Ethyl methacrylate	9.116	69	251054	51.149	ug/l	90
57) 1,3-Dichloropropane	9.305	76	263973	49.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	537726	234.617	ug/l	98
59) 2-Hexanone	9.427	43	828664	242.521	ug/l	93
60) Dibromochloromethane	9.519	129	183035	55.884	ug/l	99
61) 1,2-Dibromoethane	9.610	107	178894	51.391	ug/l	100
64) Tetrachloroethene	9.275	164	137918	49.146	ug/l	96
65) Chlorobenzene	10.080	112	431865	48.656	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	166813	53.033	ug/l	99
67) Ethyl Benzene	10.195	91	766859	49.833	ug/l	97
68) m/p-Xylenes	10.299	106	603080	101.421	ug/l	96
69) o-Xylene	10.640	106	296510	49.726	ug/l	97
70) Styrene	10.653	104	505776	52.835	ug/l	96
71) Bromoform	10.799	173	141068	56.773	ug/l #	99
73) Isopropylbenzene	10.964	105	786980	45.388	ug/l	99
74) N-amyl acetate	10.842	43	320058	45.579	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	272041	44.612	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	215234m	39.375	ug/l	
77) Bromobenzene	11.195	156	198586	46.273	ug/l	88
78) n-propylbenzene	11.305	91	944511	48.234	ug/l	99
79) 2-Chlorotoluene	11.366	91	553232	45.821	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	686217	46.864	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	87079	51.030	ug/l	86
82) 4-Chlorotoluene	11.451	91	645209	47.467	ug/l	96
83) tert-Butylbenzene	11.713	119	686062	46.359	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	690666	47.407	ug/l	97
85) sec-Butylbenzene	11.890	105	882502	49.153	ug/l	99
86) p-Isopropyltoluene	12.006	119	743712	49.718	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	390516	48.815	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	393423	48.059	ug/l	98
89) n-Butylbenzene	12.329	91	710702	54.235	ug/l	97
90) Hexachloroethane	12.536	117	133527	52.684	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	389006	47.627	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	57928	47.656	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	261413	54.334	ug/l	97
94) Hexachlorobutadiene	13.725	225	122431	54.492	ug/l	98
95) Naphthalene	13.774	128	794539	48.830	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	254394	51.380	ug/l	97

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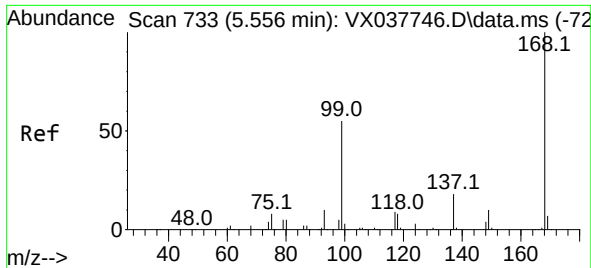
Manual Integrations
APPROVED

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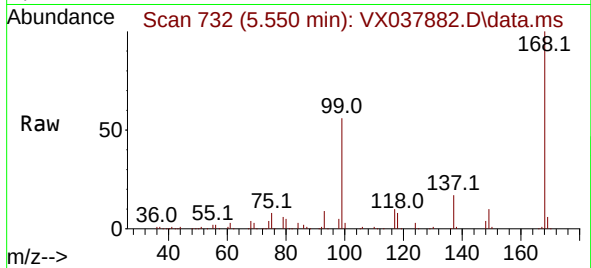
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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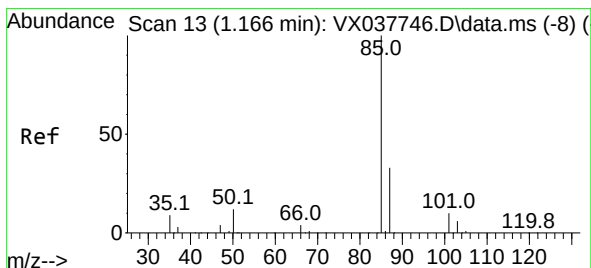
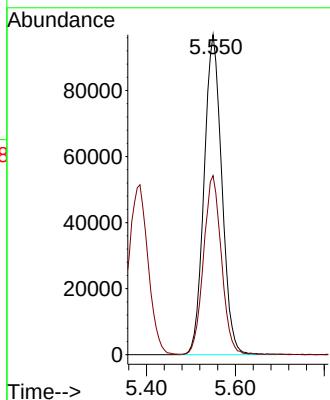
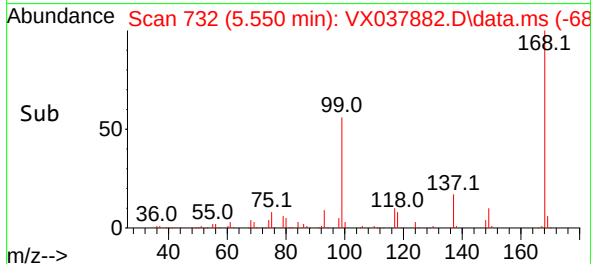
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 269194
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0

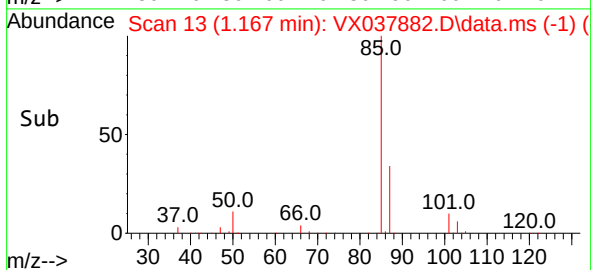
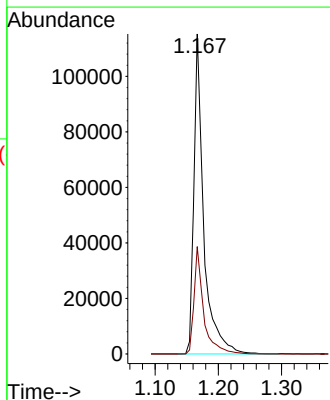
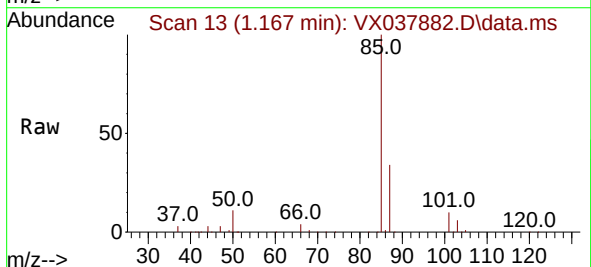
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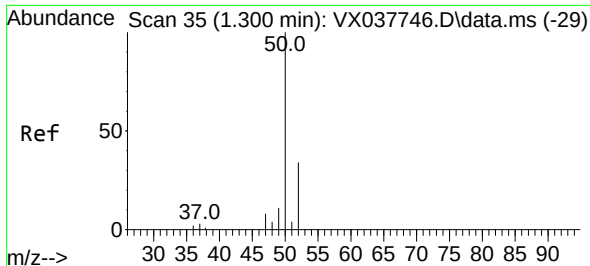
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#2
Dichlorodifluoromethane
Concen: 43.910 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion: 85 Resp: 124589
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1





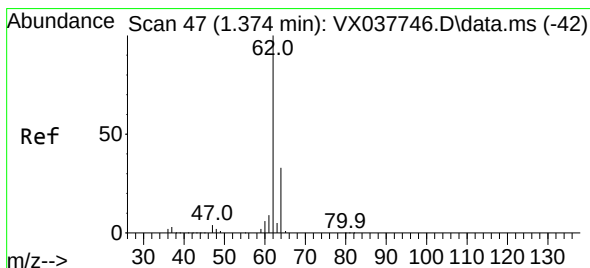
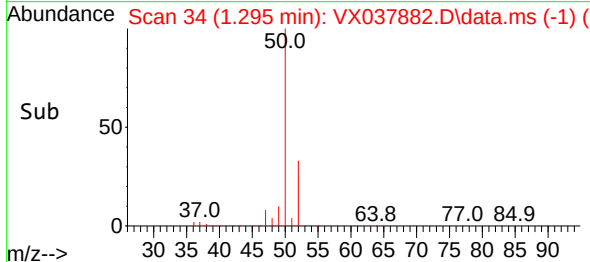
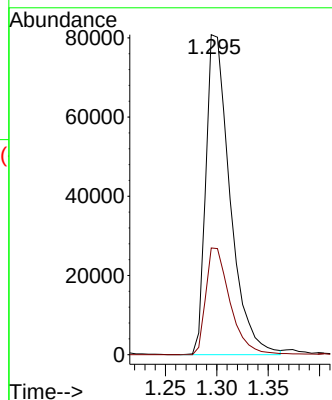
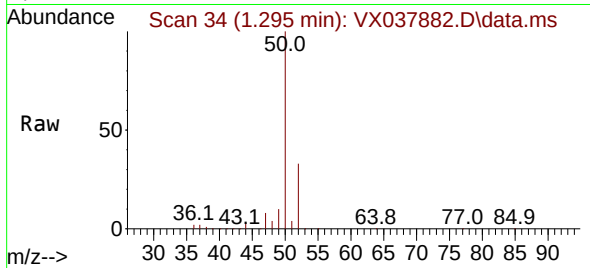
#3
Chloromethane
Concen: 42.891 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :
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Tgt Ion: 50 Resp: 132414
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

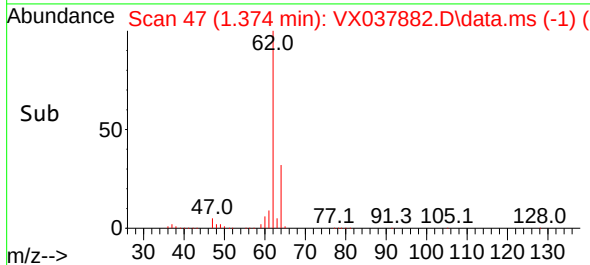
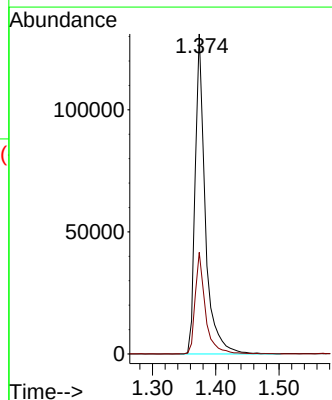
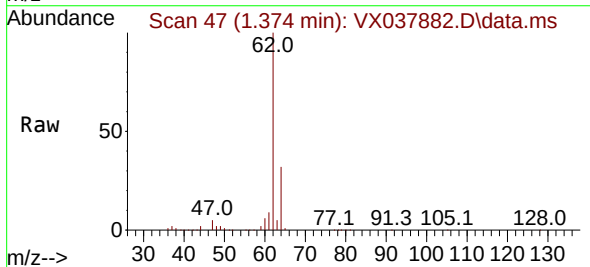
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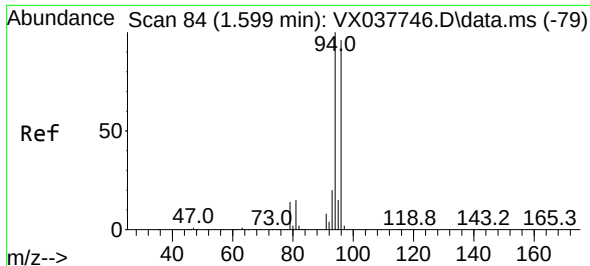
Reviewed By :John Carlone 09/26/2023
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#4
Vinyl Chloride
Concen: 43.811 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

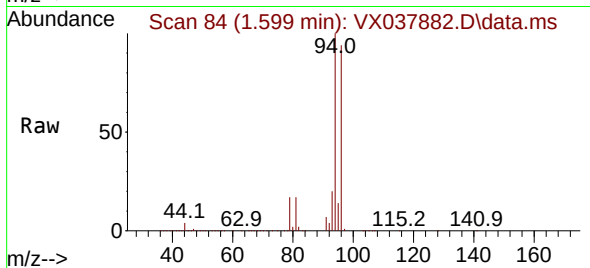
Tgt Ion: 62 Resp: 145915
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5
Bromomethane
Concen: 46.537 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

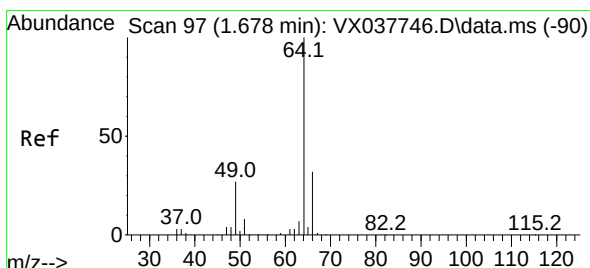
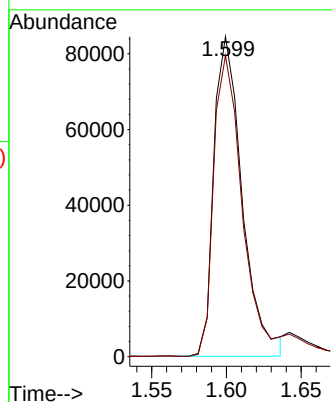
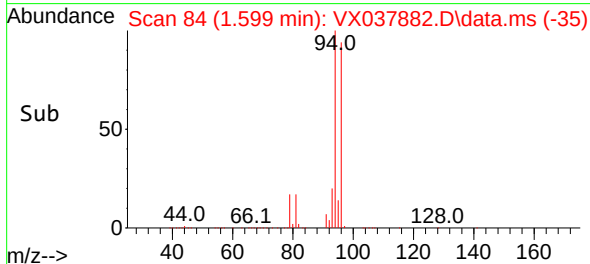
Instrument :
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VSTDCCC050



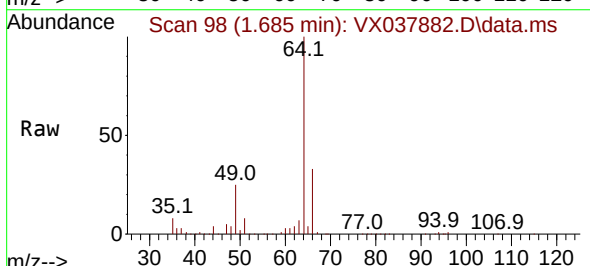
Tgt Ion: 94 Resp: 110960
Ion Ratio Lower Upper
94 100
96 94.2 74.6 111.8

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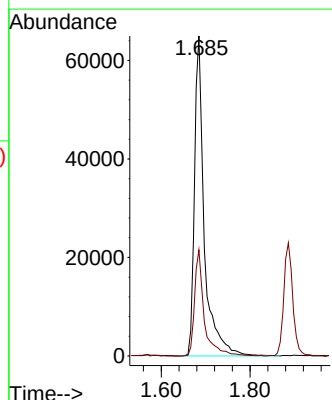
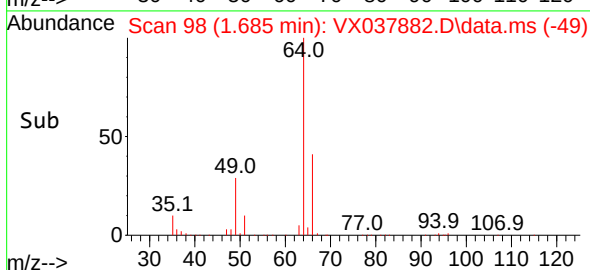
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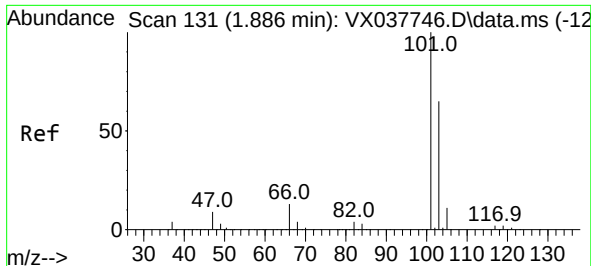


#6
Chloroethane
Concen: 43.462 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19



Tgt Ion: 64 Resp: 99722
Ion Ratio Lower Upper
64 100
66 33.2 25.1 37.7





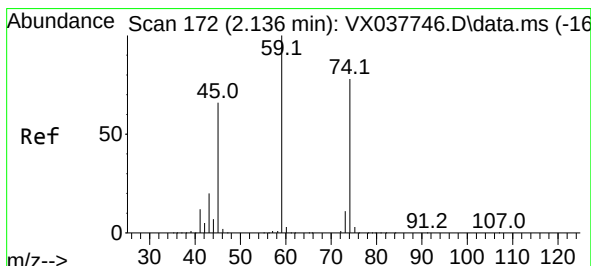
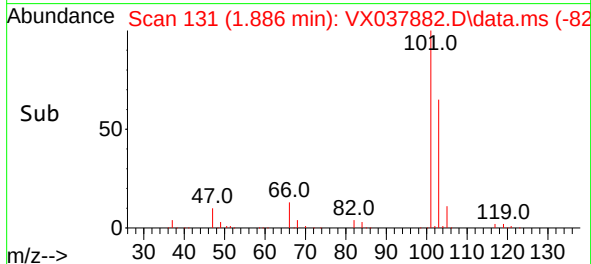
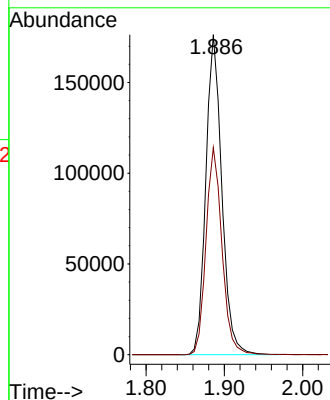
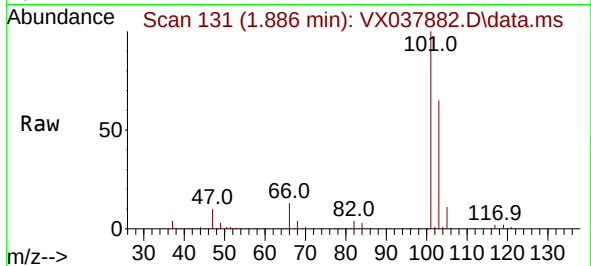
#7
Trichlorofluoromethane
Concen: 46.531 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 24915
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

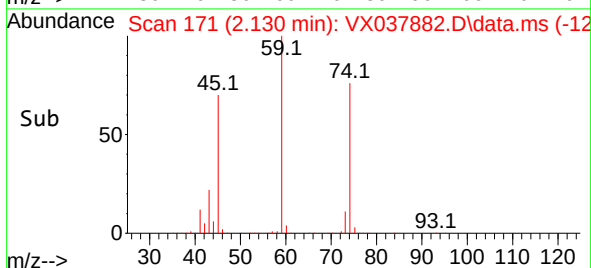
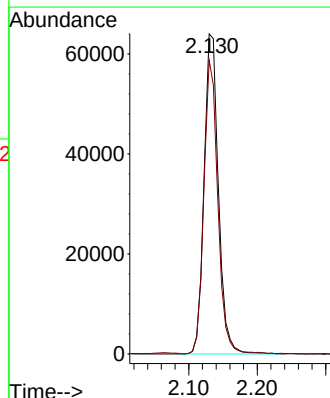
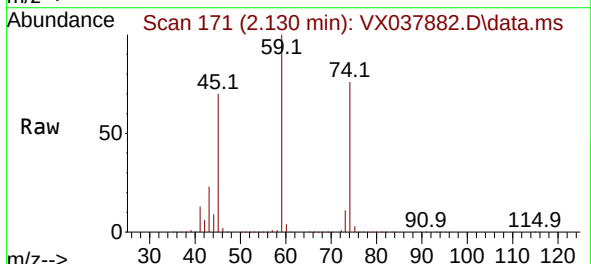
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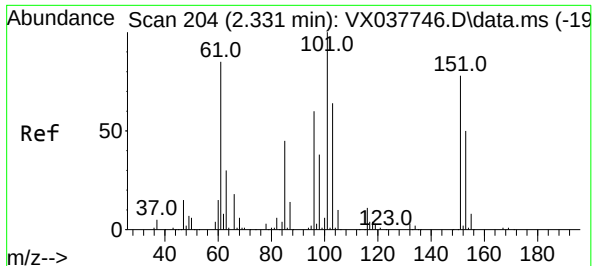
Reviewed By :John Carlone 09/26/2023
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#8
Diethyl Ether
Concen: 45.073 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion: 74 Resp: 93503
Ion Ratio Lower Upper
74 100
45 89.4 53.3 159.8





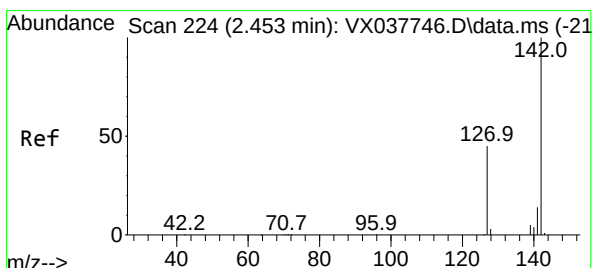
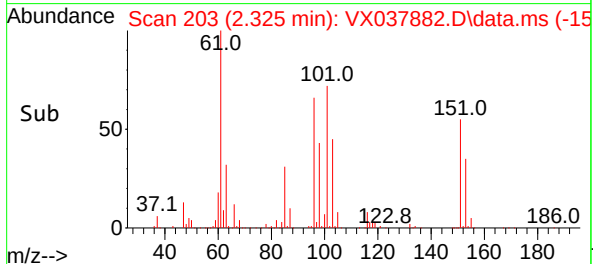
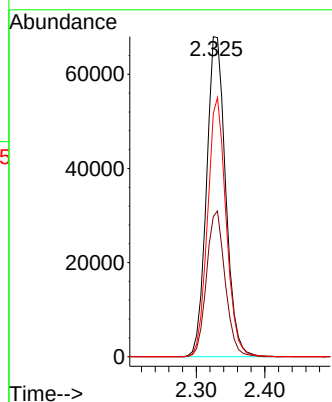
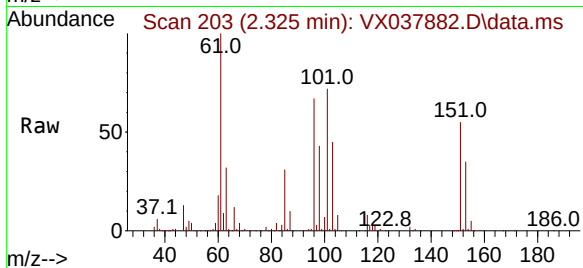
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1,1,2-Trichlorotrifluoroethane
Concen: 48.643 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13218
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 78.4 58.6 87.8

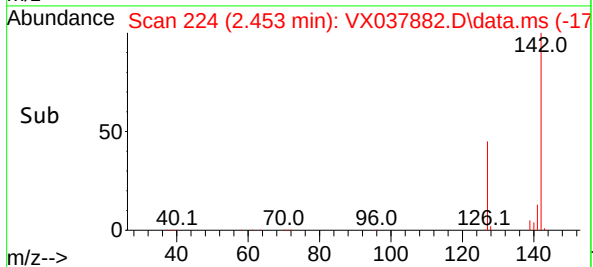
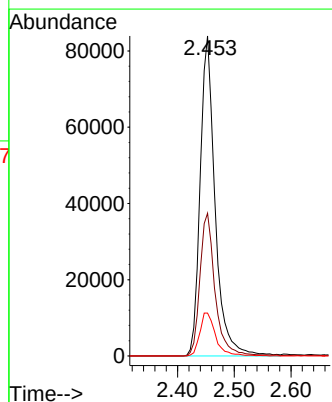
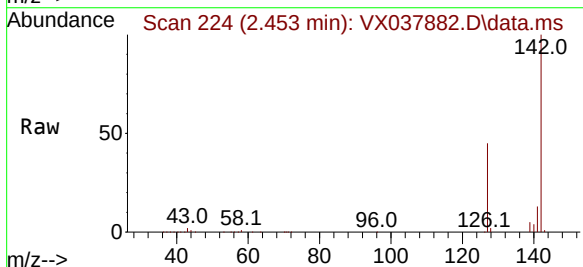
Manual Integrations
APPROVED

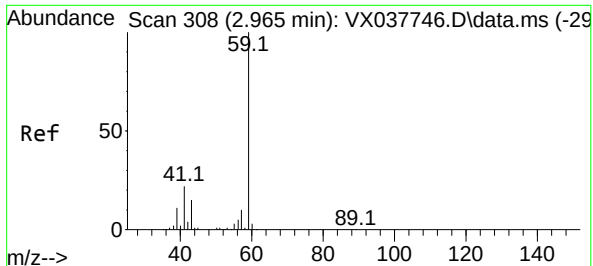
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#10
Methyl Iodide
Concen: 42.747 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion:142 Resp: 153722
Ion Ratio Lower Upper
142 100
127 45.4 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 207.012 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 157150

Ion Ratio Lower Upper

59 100

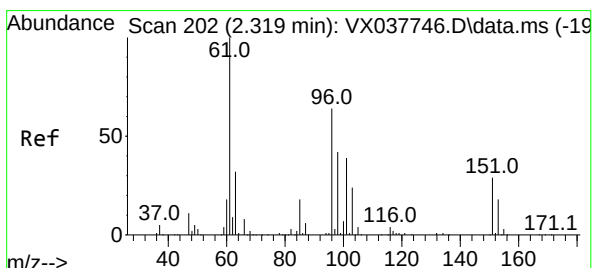
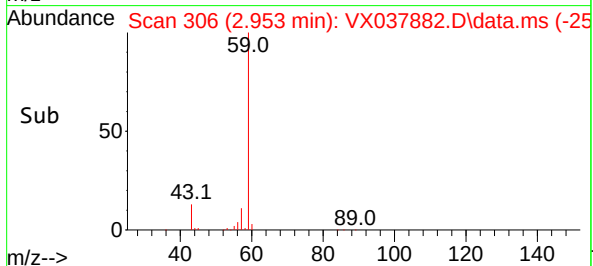
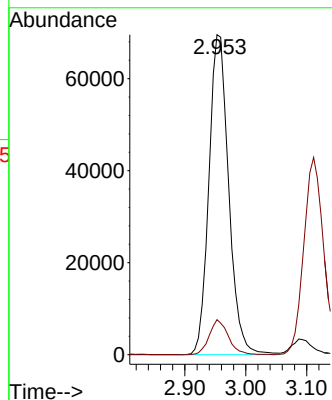
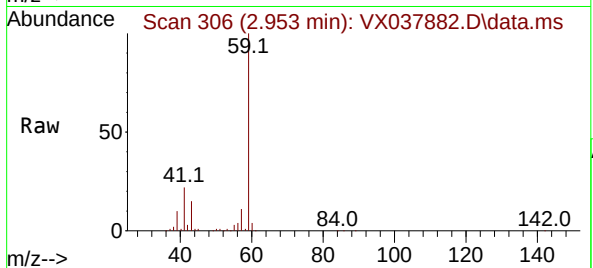
57 10.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#12

1,1-Dichloroethene

Concen: 46.663 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

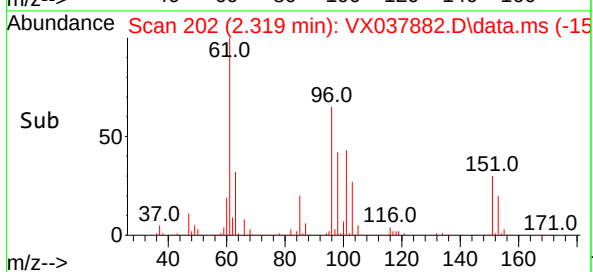
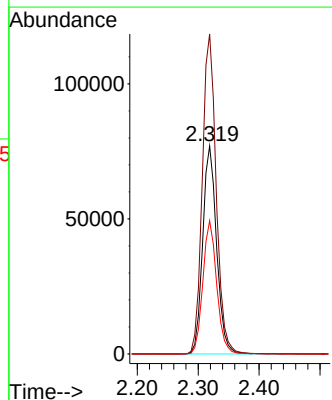
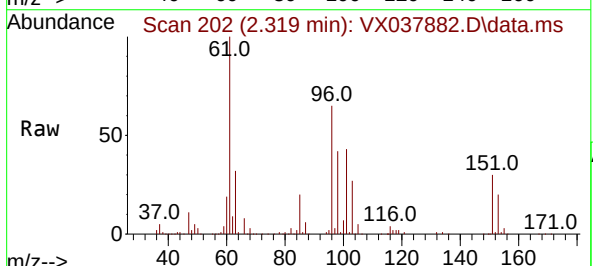
Tgt Ion: 96 Resp: 122548

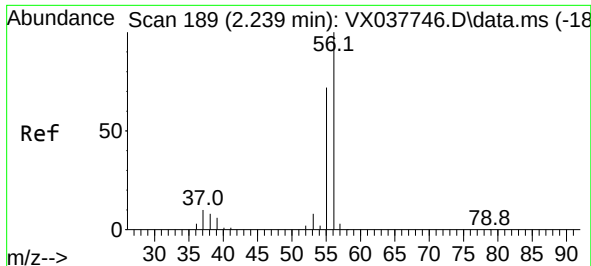
Ion Ratio Lower Upper

96 100

61 153.8 144.6 216.8

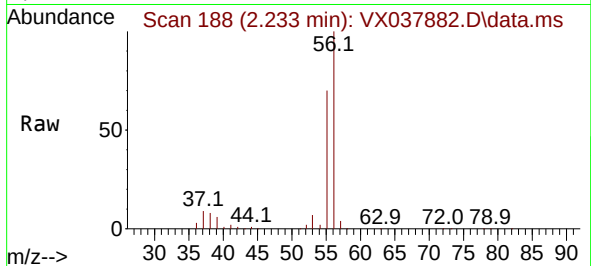
98 64.0 50.4 75.6





#13
Acrolein
Concen: 224.942 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

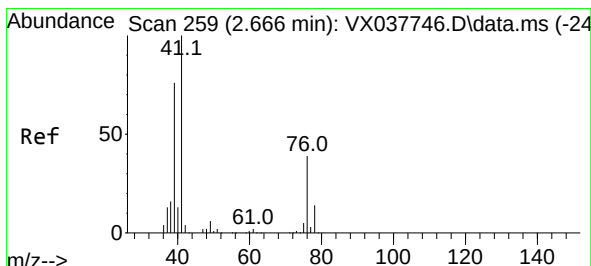
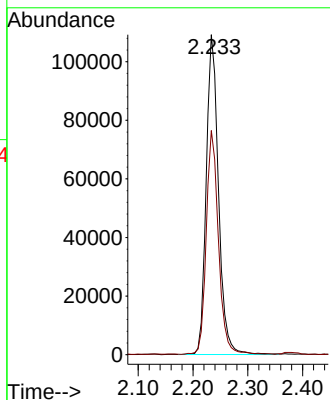
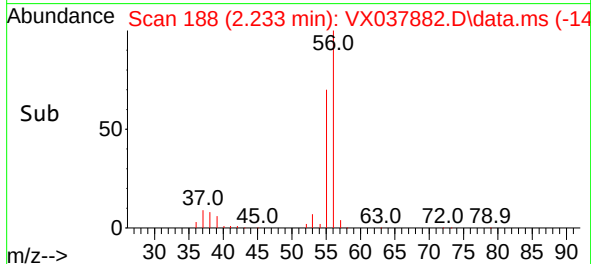
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



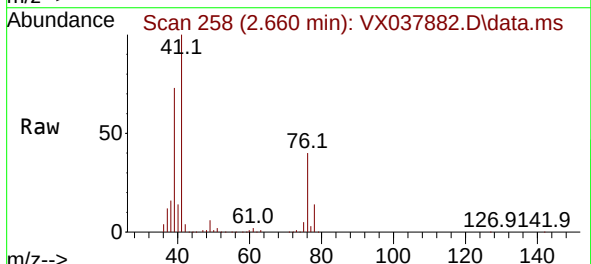
Tgt Ion: 56 Resp: 16870
Ion Ratio Lower Upper
56 100
55 69.6 57.1 85.7

Manual Integrations
APPROVED

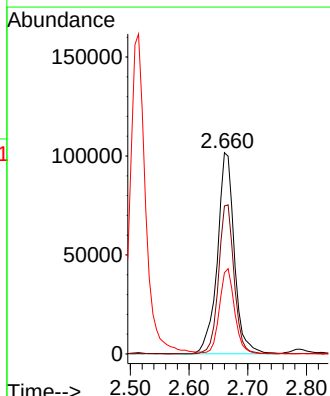
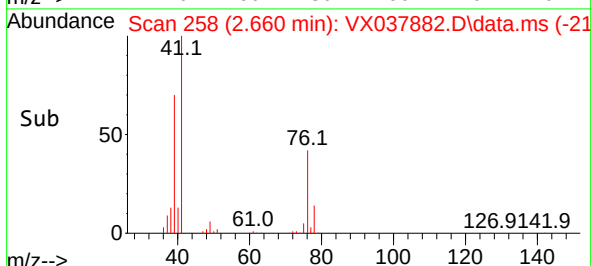
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

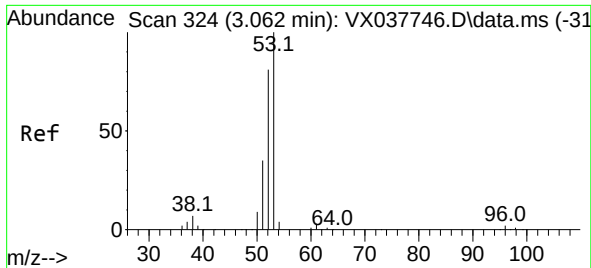


#14
Allyl chloride
Concen: 46.757 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19



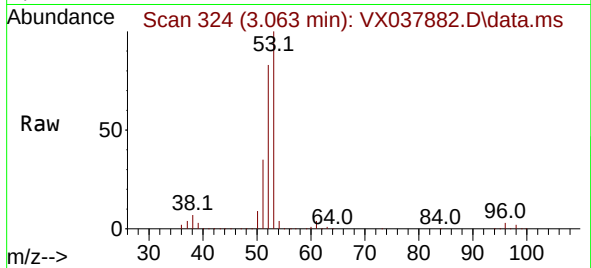
Tgt Ion: 41 Resp: 204517
Ion Ratio Lower Upper
41 100
39 67.4 55.8 83.6
76 37.6 24.3 36.5





#15
Acrylonitrile
Concen: 228.333 ug/l
RT: 3.063 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

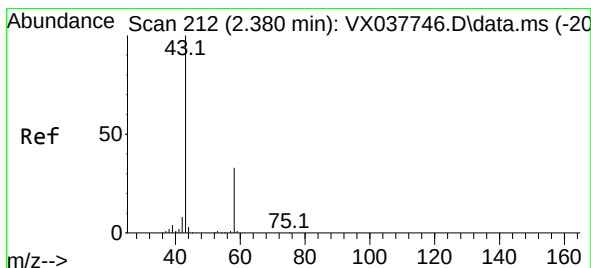
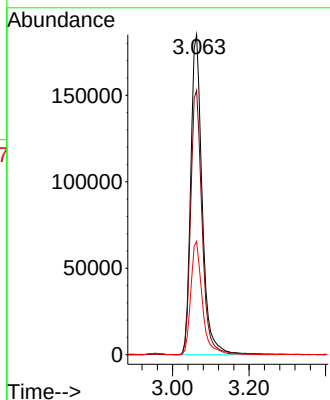
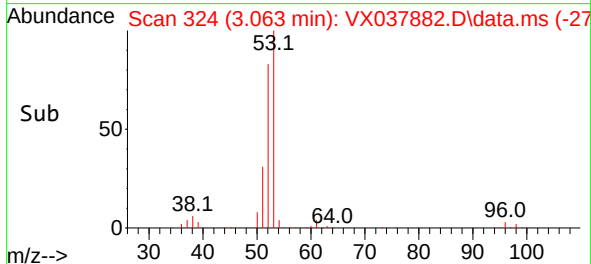
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 38540
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 35.7 29.8 44.6

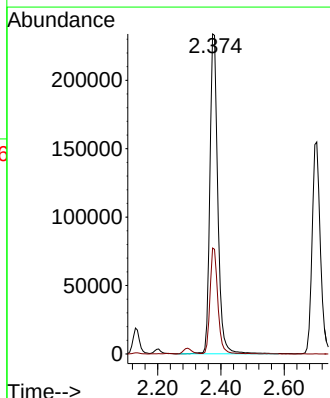
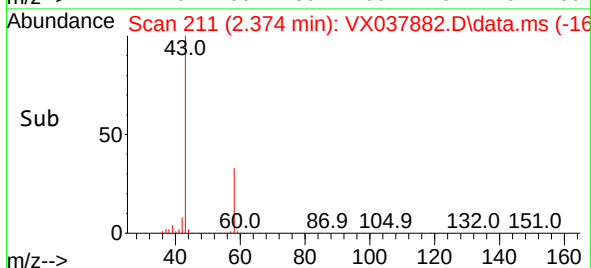
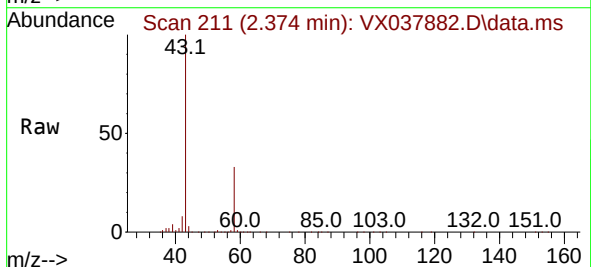
Manual Integrations
APPROVED

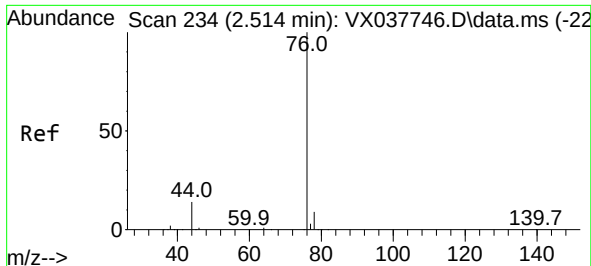
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#16
Acetone
Concen: 239.513 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion: 43 Resp: 407511
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9#





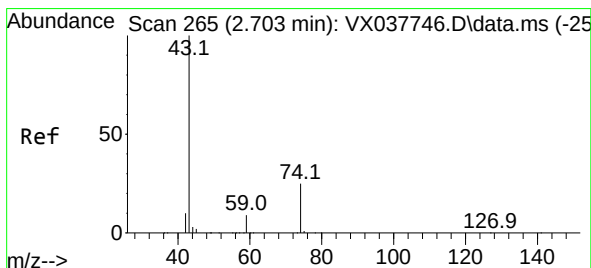
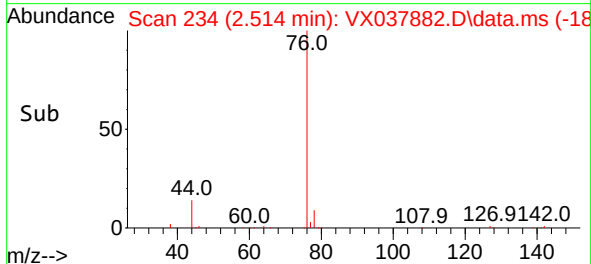
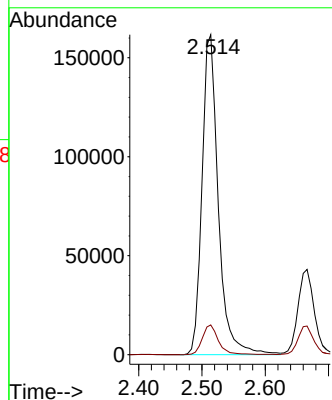
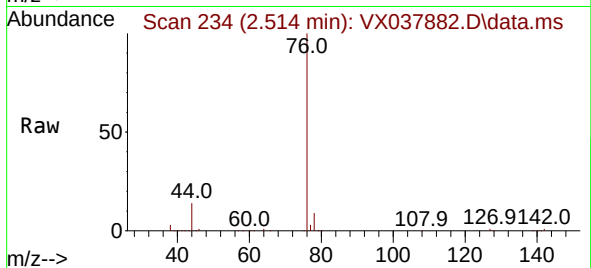
#17
Carbon Disulfide
Concen: 43.953 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 28940
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

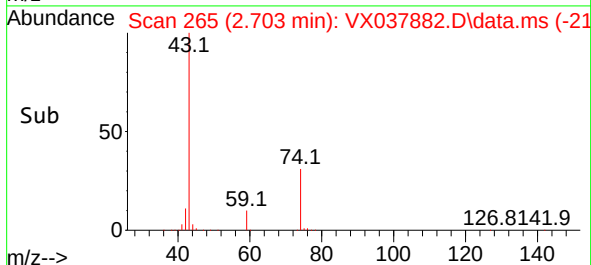
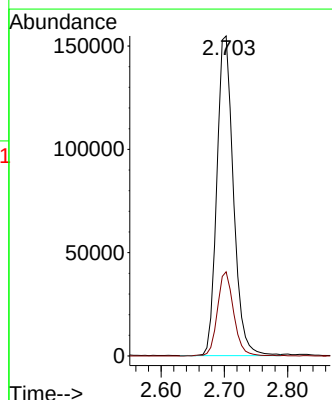
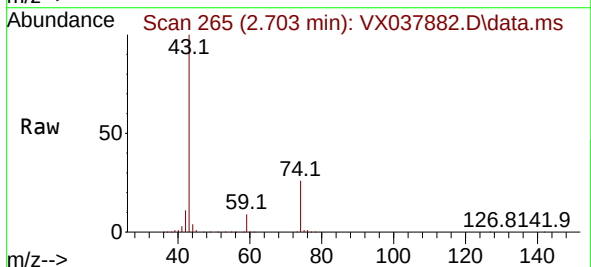
Manual Integrations
APPROVED

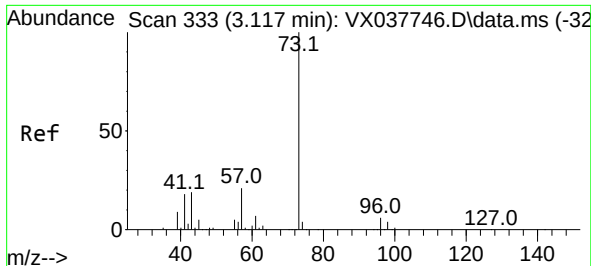
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#18
Methyl Acetate
Concen: 45.698 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion: 43 Resp: 280481
Ion Ratio Lower Upper
43 100
74 26.0 17.8 26.8





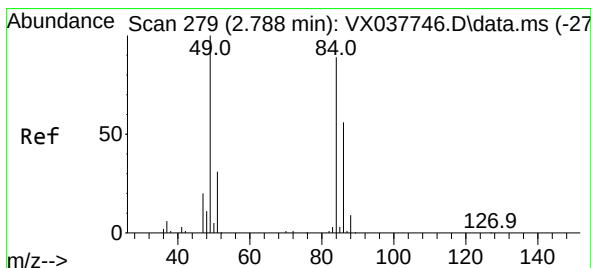
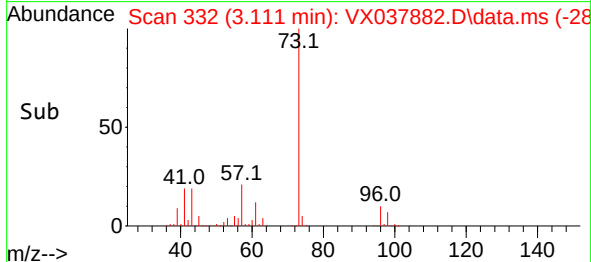
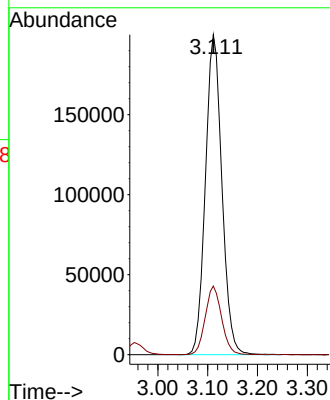
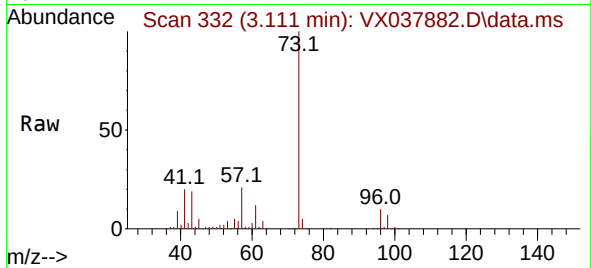
#19
Methyl tert-butyl Ether
Concen: 47.508 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 45897
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

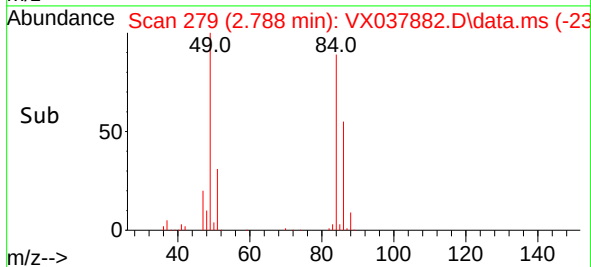
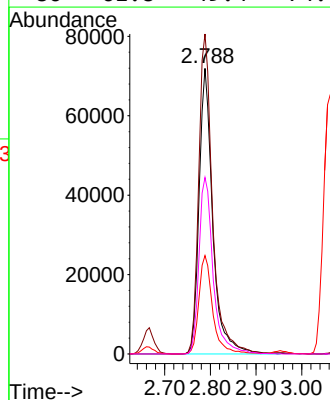
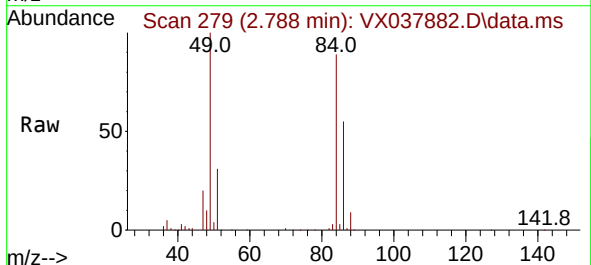
Manual Integrations
APPROVED

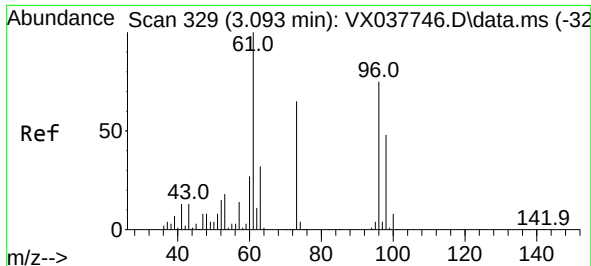
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#20
Methylene Chloride
Concen: 47.397 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

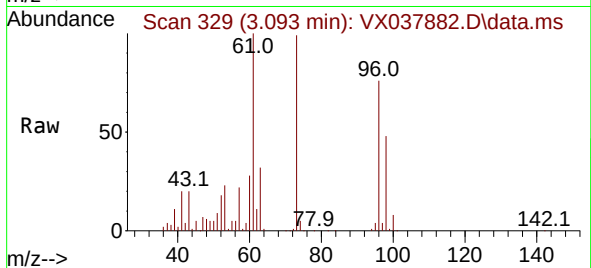
Tgt Ion: 84 Resp: 149094
Ion Ratio Lower Upper
84 100
49 112.0 103.6 155.4
51 34.4 33.8 50.6
86 61.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.064 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

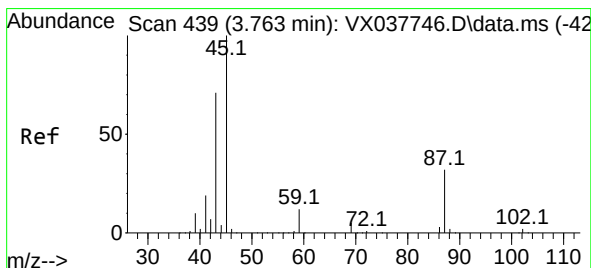
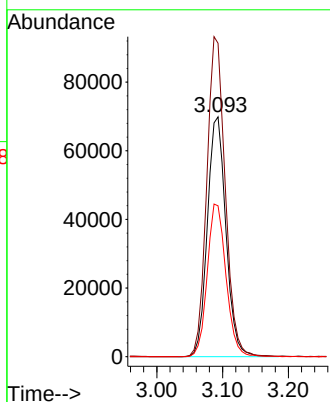
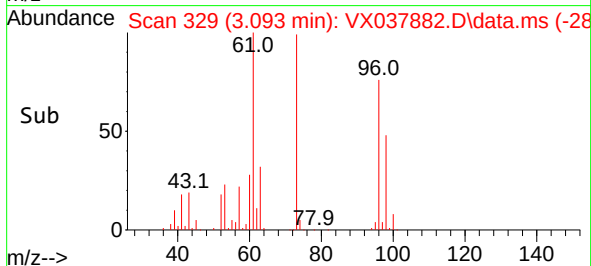
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



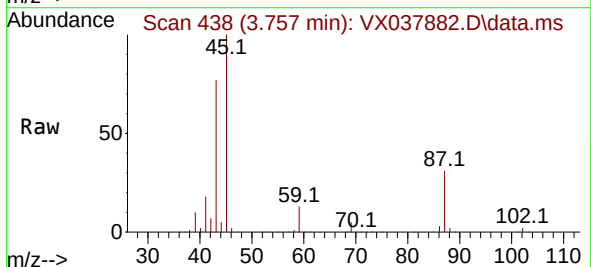
Tgt Ion: 96 Resp: 13724
Ion Ratio Lower Upper
96 100
61 130.7 119.2 178.8
98 62.9 48.7 73.1

Manual Integrations
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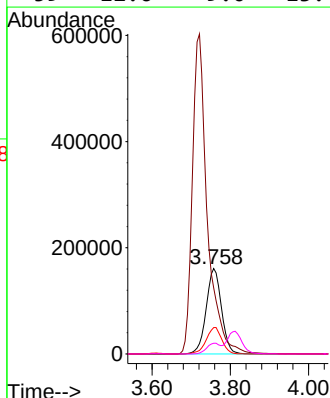
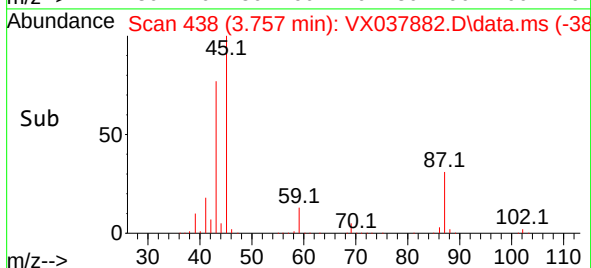
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

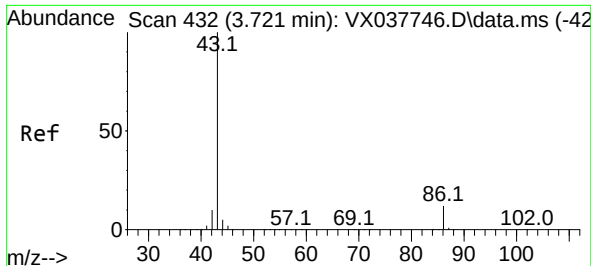


#22
Diisopropyl ether
Concen: 47.634 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19



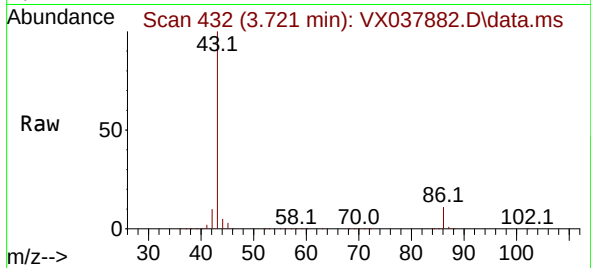
Tgt Ion: 45 Resp: 433992
Ion Ratio Lower Upper
45 100
43 77.0 69.7 104.5
87 30.8 20.8 31.2
59 12.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 239.819 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037882.D
 Acq: 25 Sep 2023 09:19

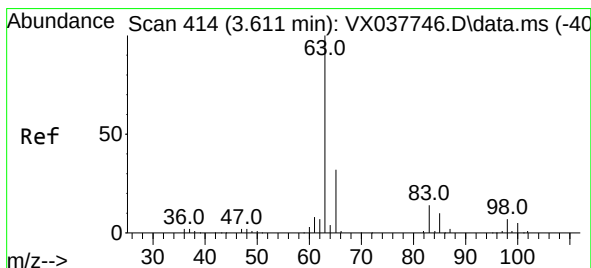
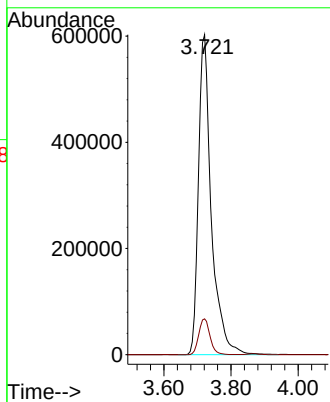
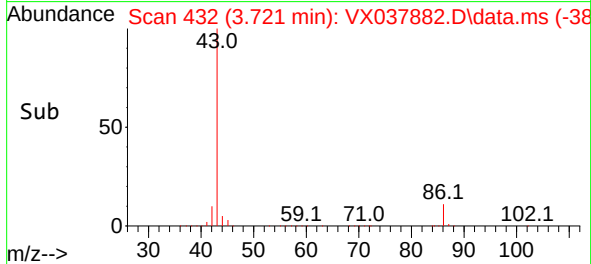
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



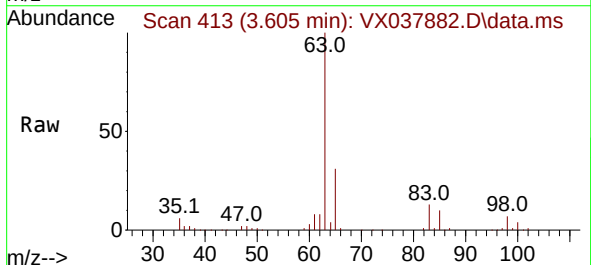
Tgt Ion: 43 Resp: 160717
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.8 11.8

Manual Integrations
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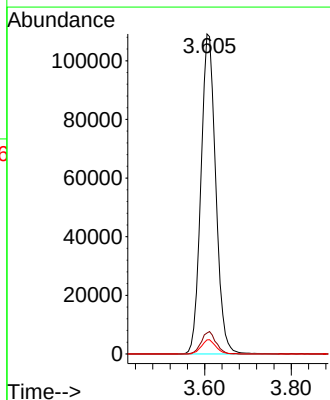
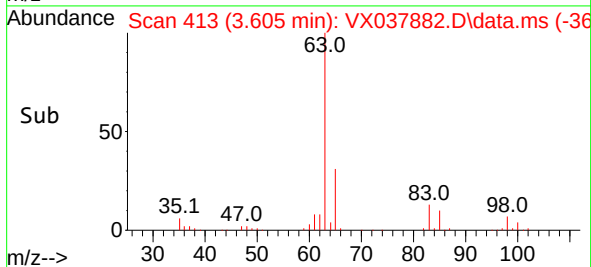
Reviewed By :John Carlone 09/26/2023
 Supervised By :Semsettin Yesilyurt 09/26/2023

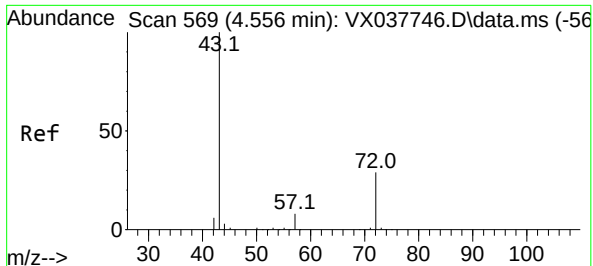


#24
 1,1-Dichloroethane
 Concen: 47.466 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX037882.D
 Acq: 25 Sep 2023 09:19



Tgt Ion: 63 Resp: 259153
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.4 2.1 6.5





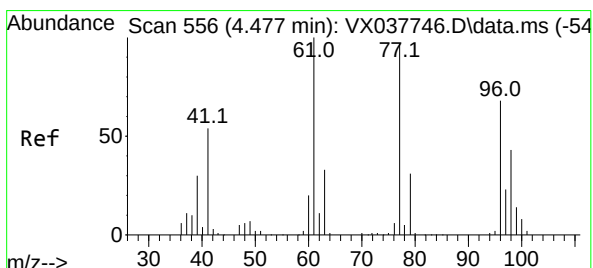
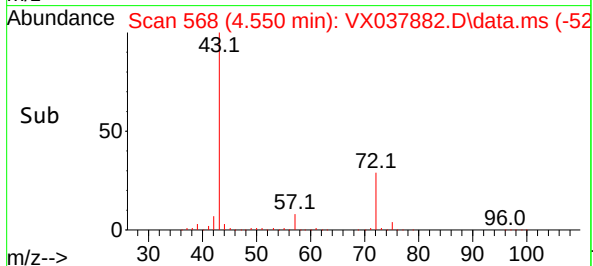
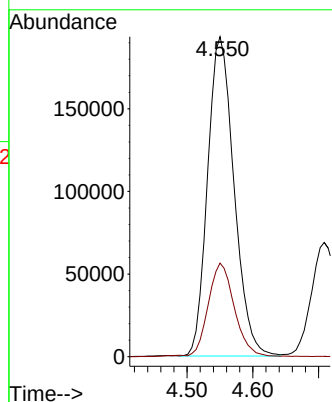
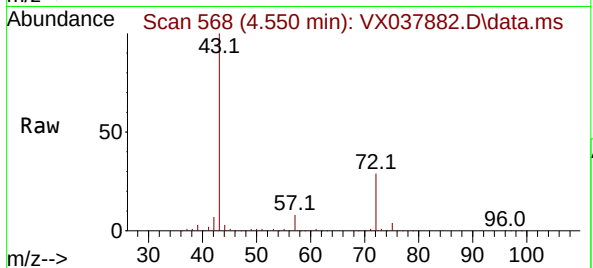
#25
2-Butanone
Concen: 225.026 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.018 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 54028
Ion Ratio Lower Upper
43 100
72 29.2 19.4 29.2

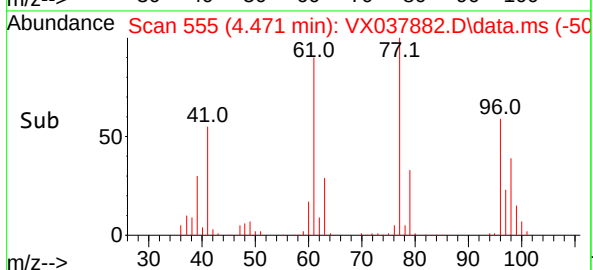
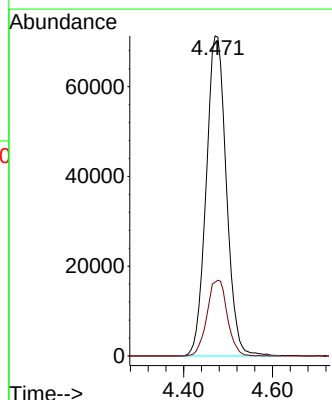
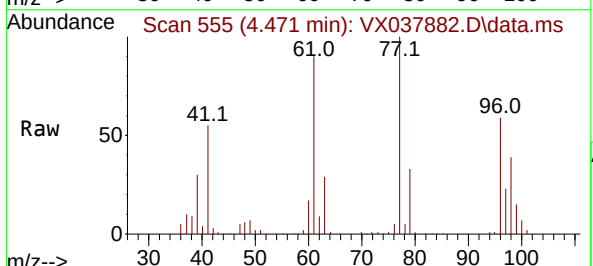
Manual Integrations
APPROVED

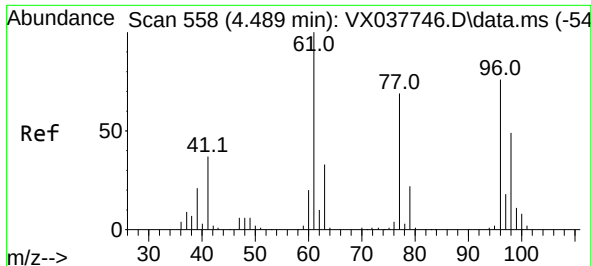
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#26
2,2-Dichloropropane
Concen: 50.982 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion: 77 Resp: 224909
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.340 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 169240

Ion Ratio Lower Upper

96 100

61 138.3 0.0 312.2

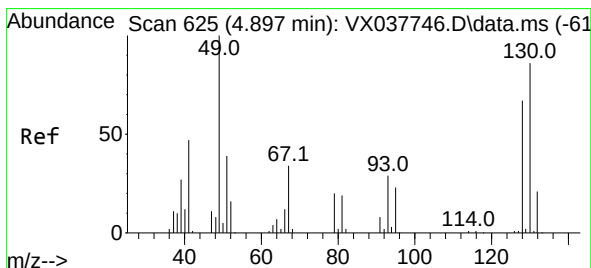
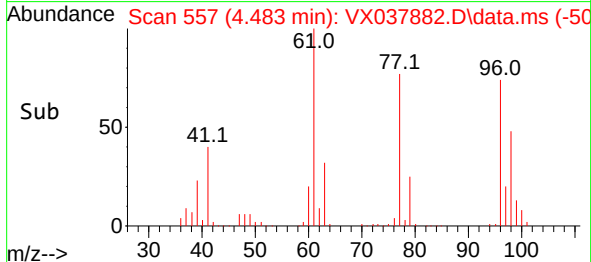
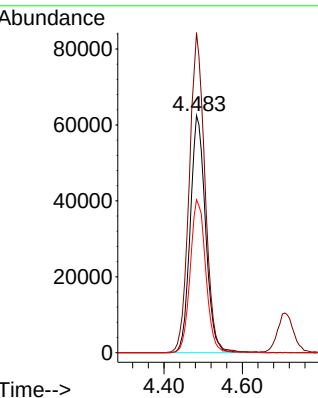
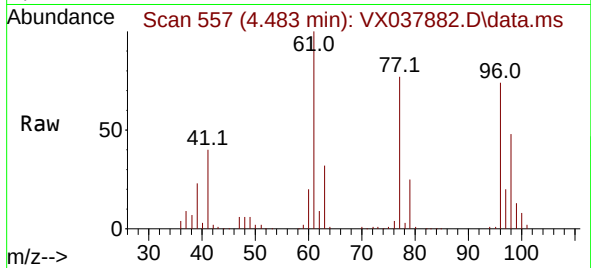
98 65.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#28

Bromochloromethane

Concen: 47.898 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

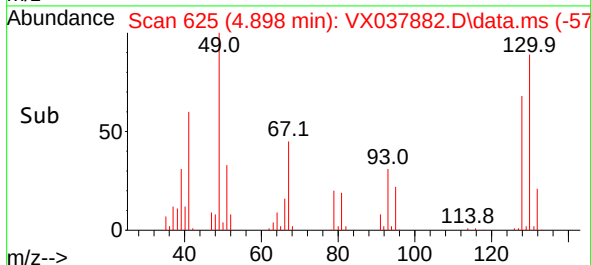
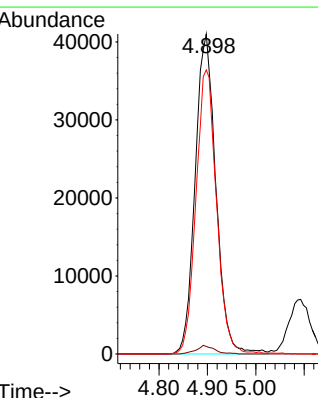
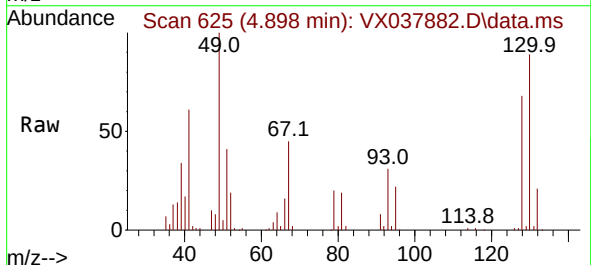
Tgt Ion: 49 Resp: 121997

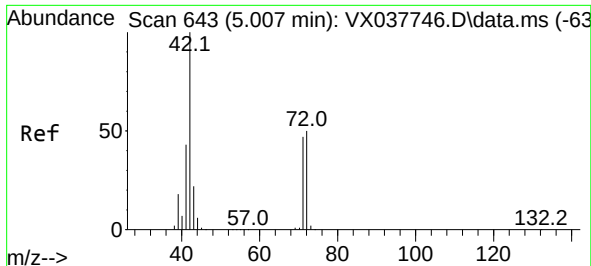
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 88.0 57.5 86.3#





#29

Tetrahydrofuran

Concen: 217.317 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.012 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 32455

Ion Ratio Lower Upper

42 100

72 49.5 34.2 51.4

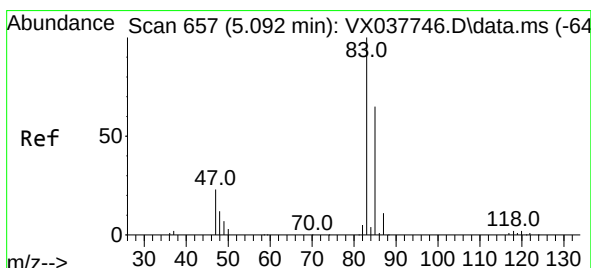
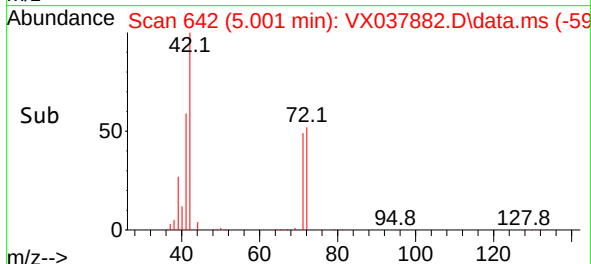
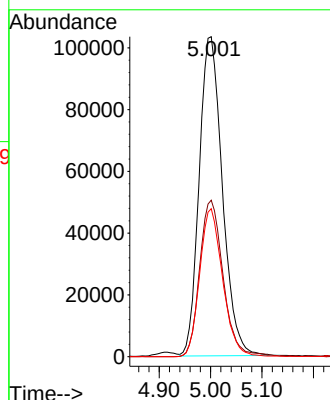
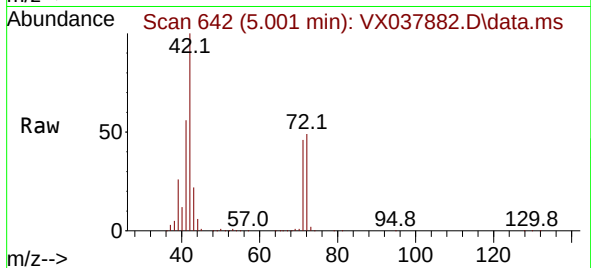
71 45.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#30

Chloroform

Concen: 47.414 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037882.D

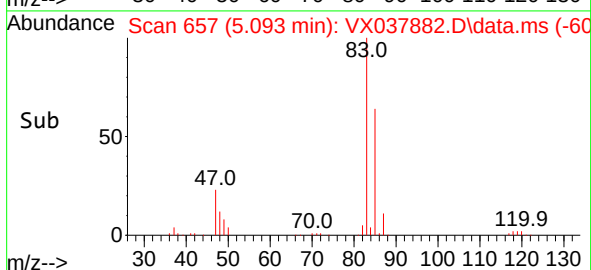
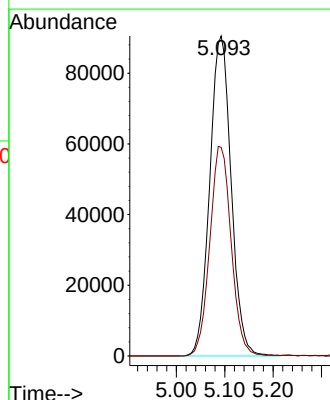
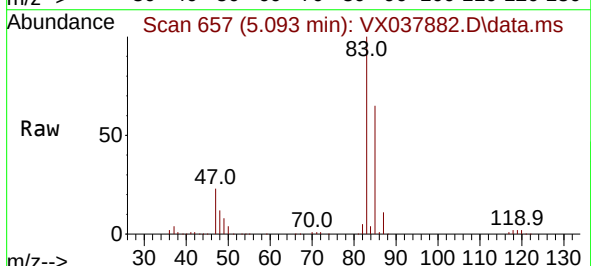
Acq: 25 Sep 2023 09:19

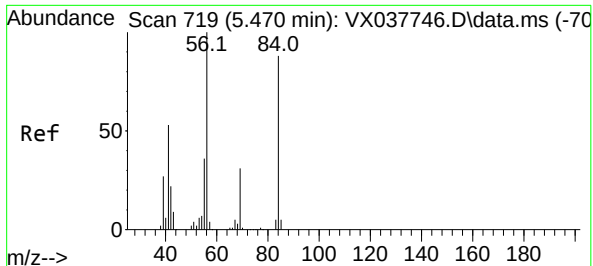
Tgt Ion: 83 Resp: 278862

Ion Ratio Lower Upper

83 100

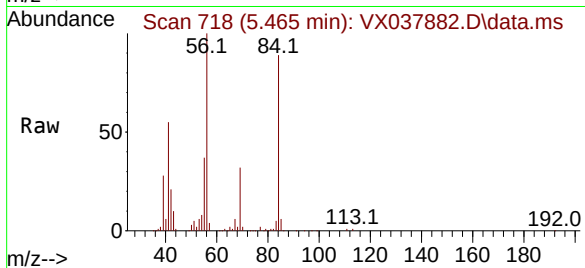
85 65.2 50.3 75.5





#31
Cyclohexane
Concen: 45.782 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

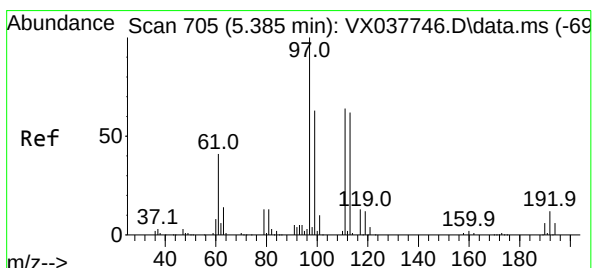
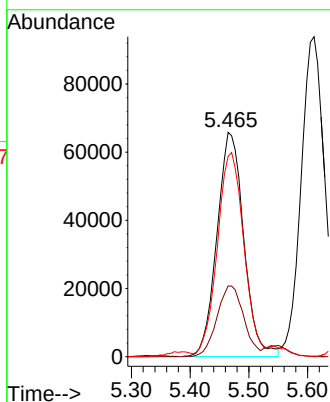
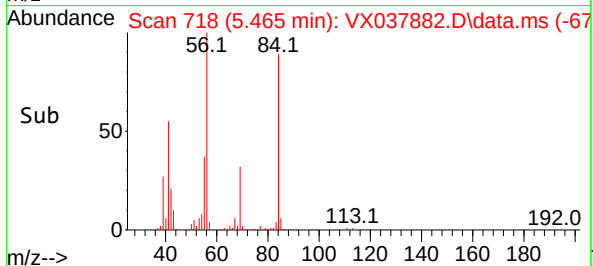
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 207828
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.2
84 87.5 65.9 98.9

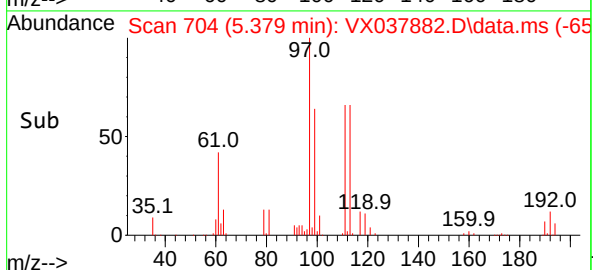
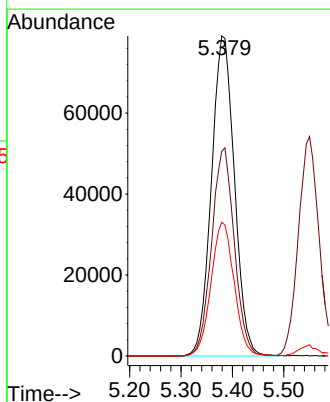
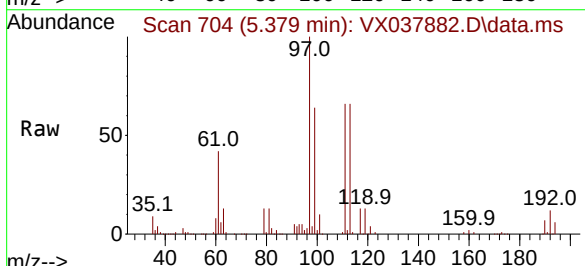
Manual Integrations
APPROVED

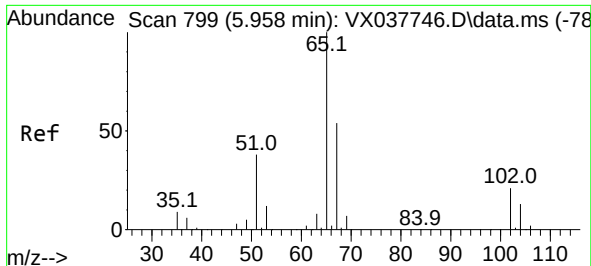
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#32
1,1,1-Trichloroethane
Concen: 49.364 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion: 97 Resp: 245833
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 42.1 36.4 54.6





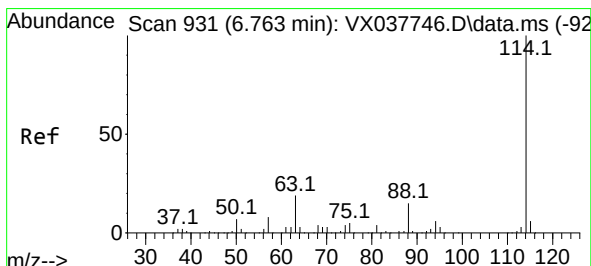
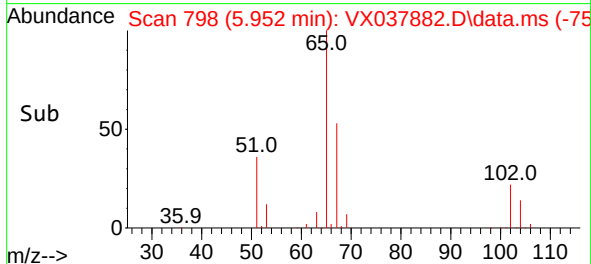
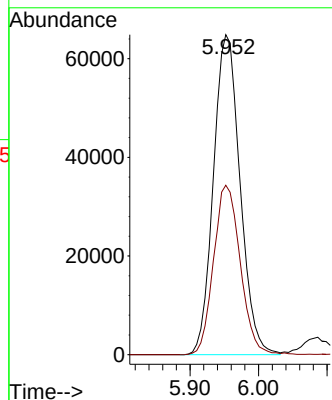
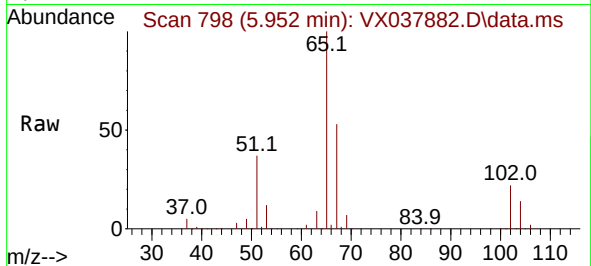
#33
1,2-Dichloroethane-d4
Concen: 49.490 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050

Tgt Ion: 65 Resp: 175036
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

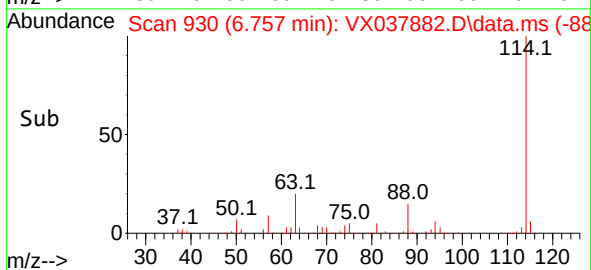
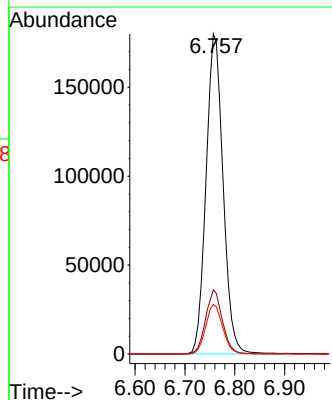
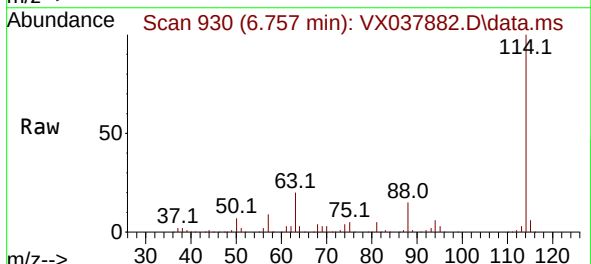
Manual Integrations
APPROVED

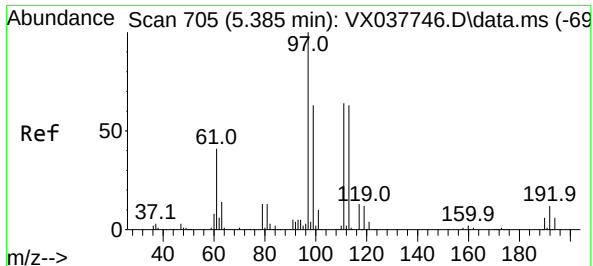
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

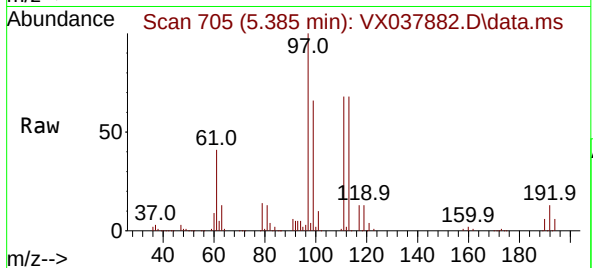
Tgt Ion:114 Resp: 426893
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 54.037 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

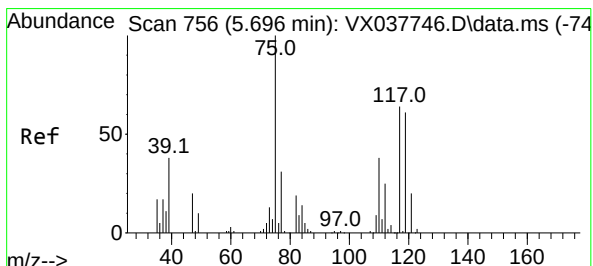
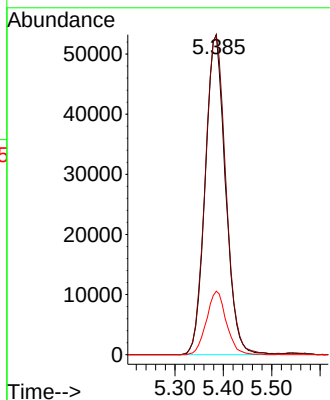
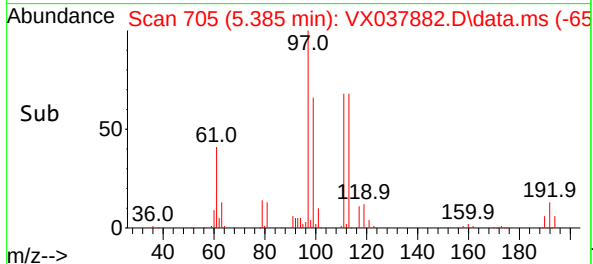
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 154349
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.5 13.3 19.9

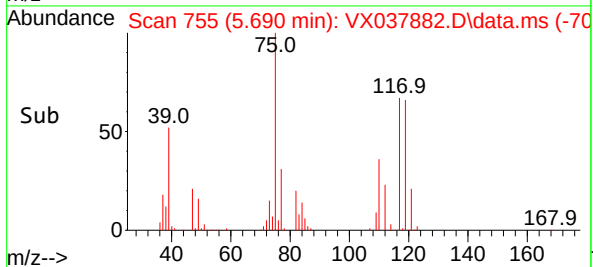
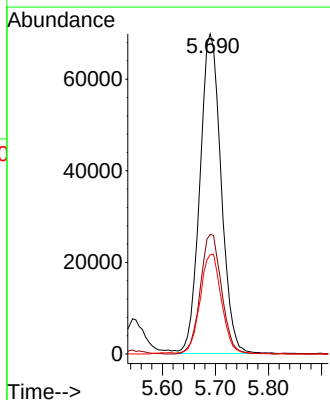
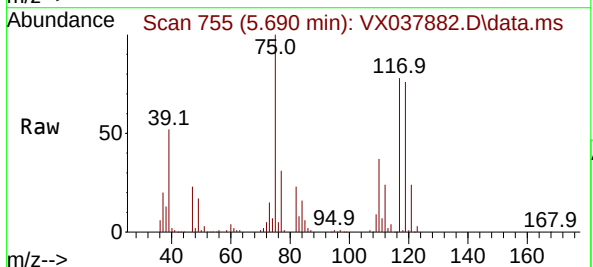
Manual Integrations
APPROVED

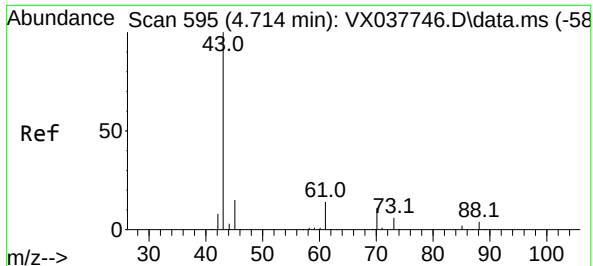
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#36
1,1-Dichloropropene
Concen: 49.212 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion: 75 Resp: 193637
Ion Ratio Lower Upper
75 100
110 37.6 17.0 50.9
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 46.505 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.024 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 20116

Ion Ratio Lower Upper

43 100

61 15.1 10.6 16.0

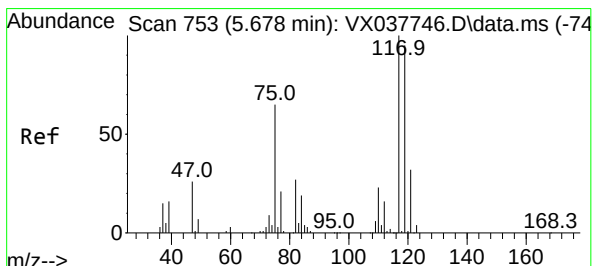
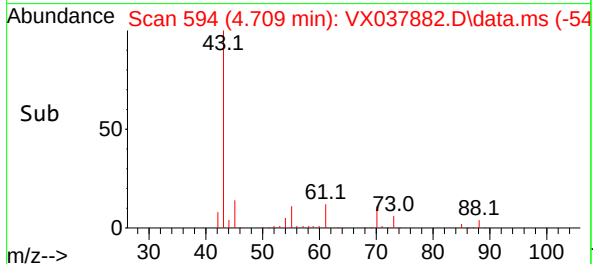
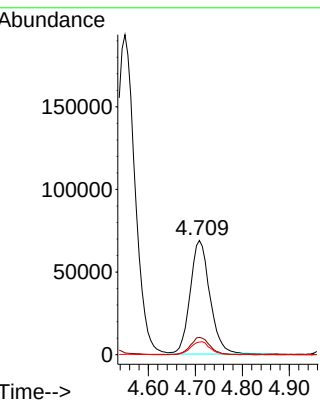
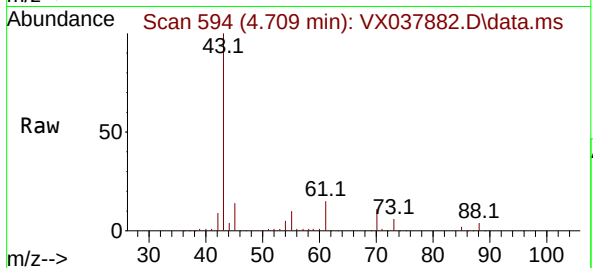
70 11.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#38

Carbon Tetrachloride

Concen: 51.768 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

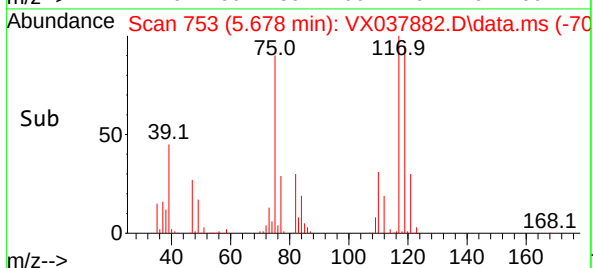
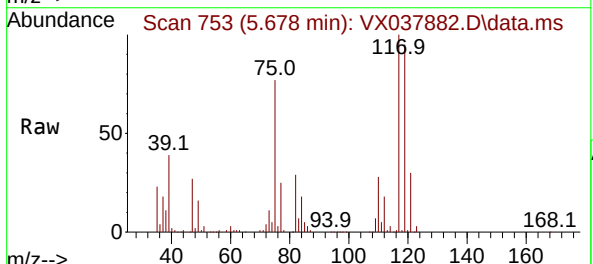
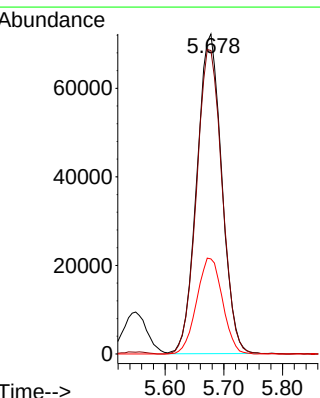
Tgt Ion:117 Resp: 213127

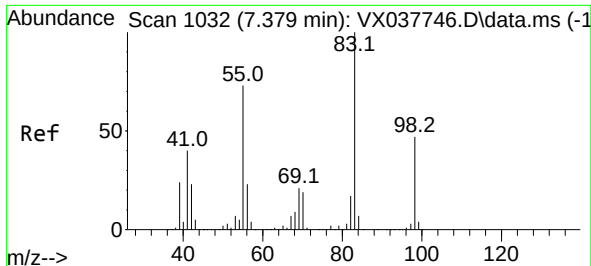
Ion Ratio Lower Upper

117 100

119 94.9 78.2 117.2

121 29.7 24.4 36.6





#39

Methylcyclohexane

Concen: 48.963 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 244519

Ion Ratio Lower Upper

83 100

55 70.8 64.6 97.0

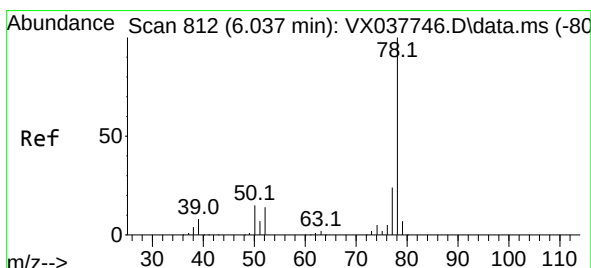
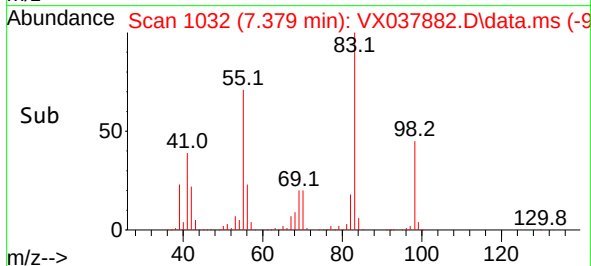
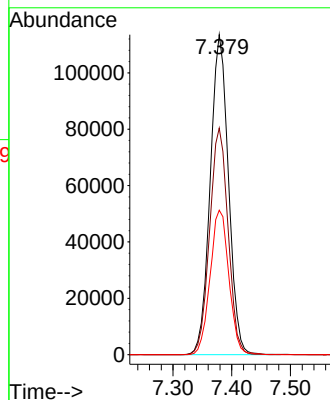
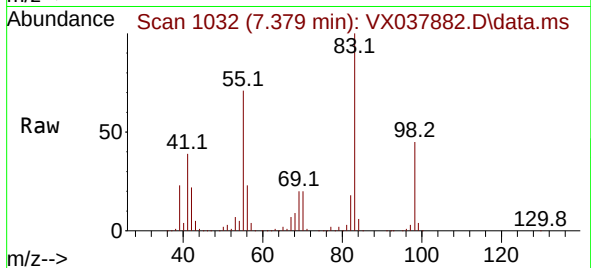
98 45.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#40

Benzene

Concen: 48.313 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX037882.D

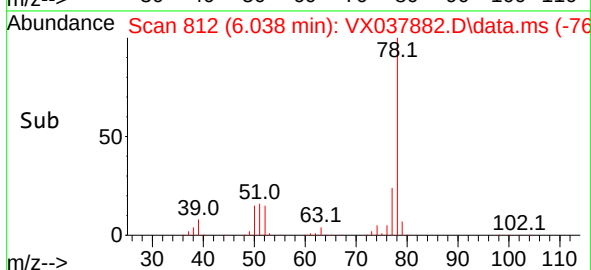
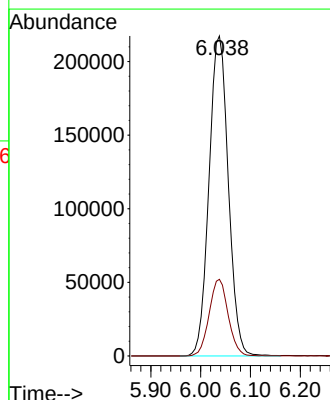
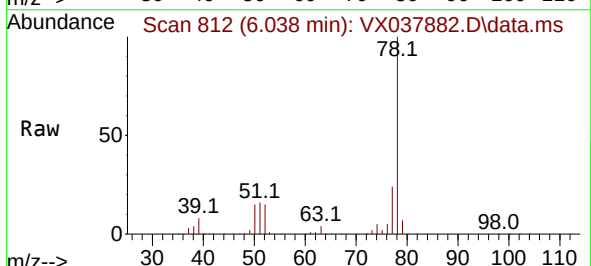
Acq: 25 Sep 2023 09:19

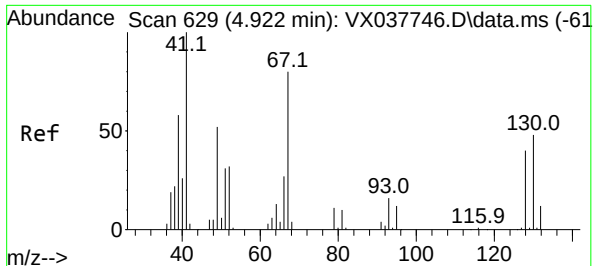
Tgt Ion: 78 Resp: 584586

Ion Ratio Lower Upper

78 100

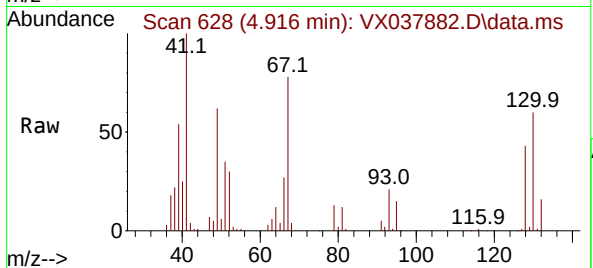
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 48.639 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.030 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

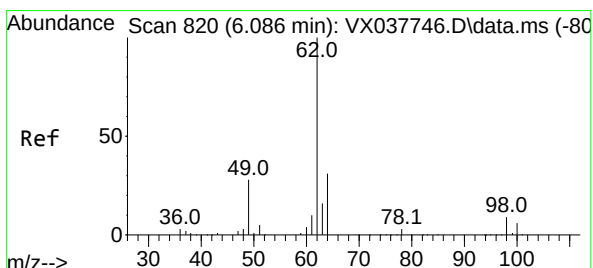
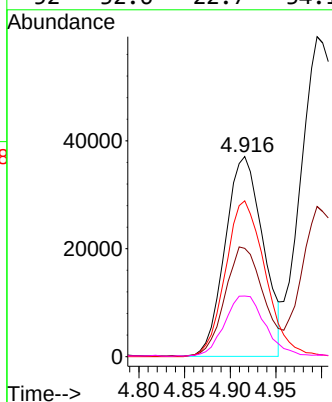
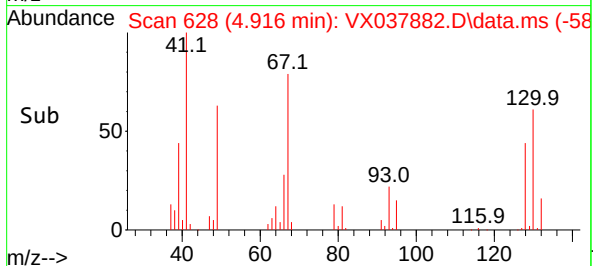
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 10728
Ion Ratio Lower Upper
41 100
39 56.4 45.2 67.8
67 82.0 52.6 78.8
52 32.6 22.7 34.1

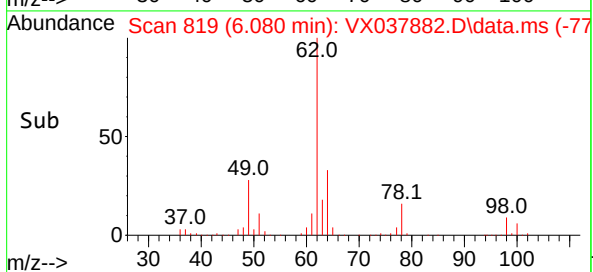
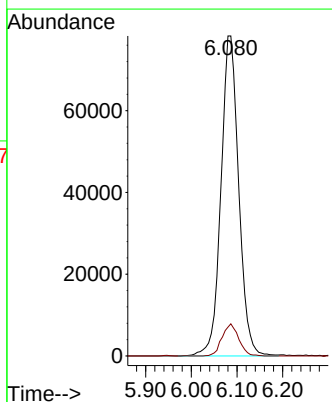
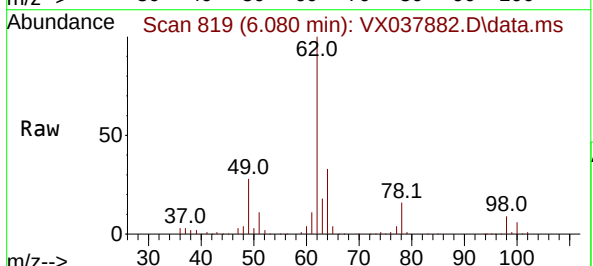
Manual Integrations
APPROVED

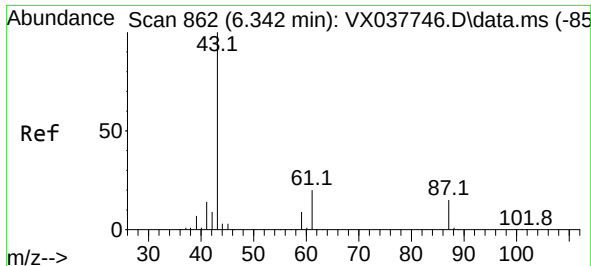
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#42
1,2-Dichloroethane
Concen: 48.405 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.018 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

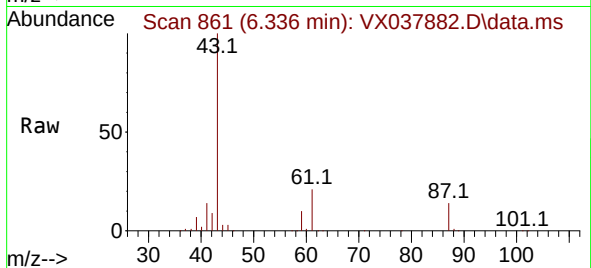
Tgt Ion: 62 Resp: 211691
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.621 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

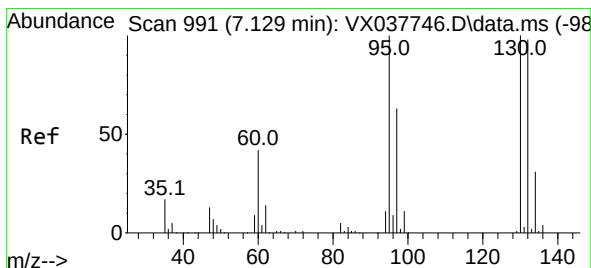
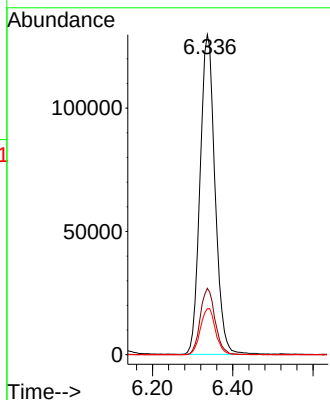
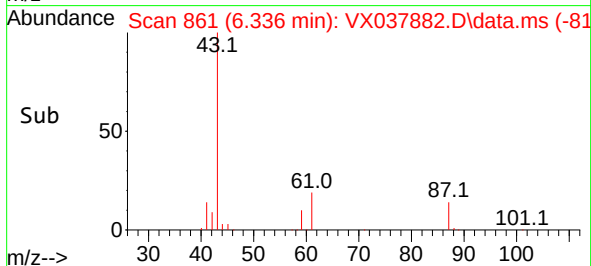
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 33630
Ion Ratio Lower Upper
43 100
61 20.6 15.2 22.8
87 14.6 9.8 14.6

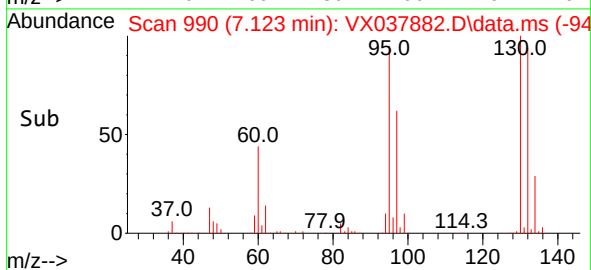
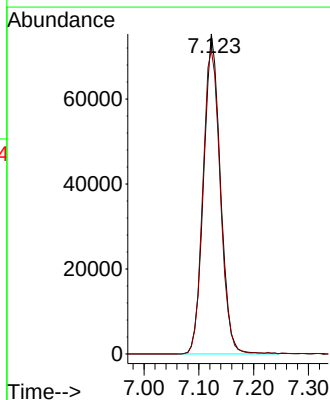
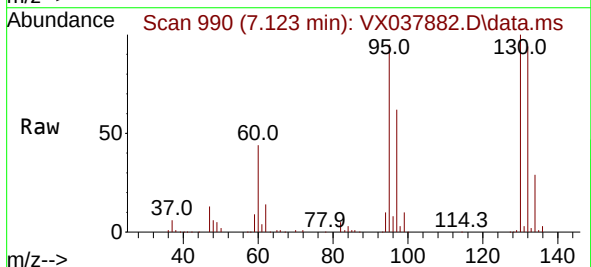
Manual Integrations
APPROVED

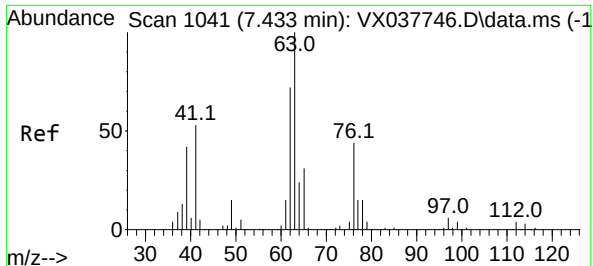
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#44
Trichloroethene
Concen: 47.440 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.012 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion:130 Resp: 159858
Ion Ratio Lower Upper
130 100
95 95.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.869 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 153560

Ion Ratio Lower Upper

63 100

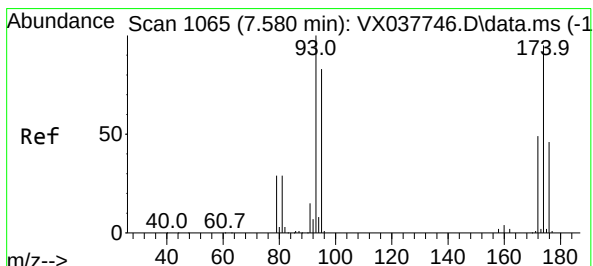
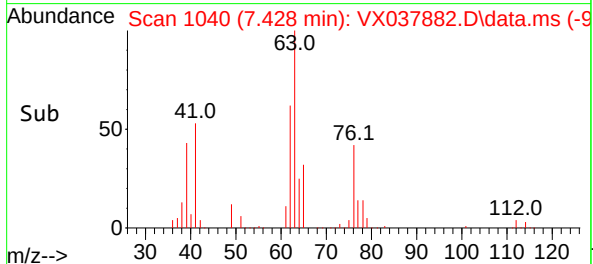
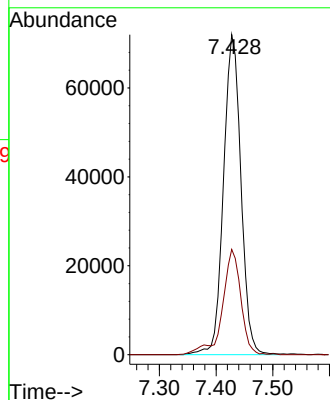
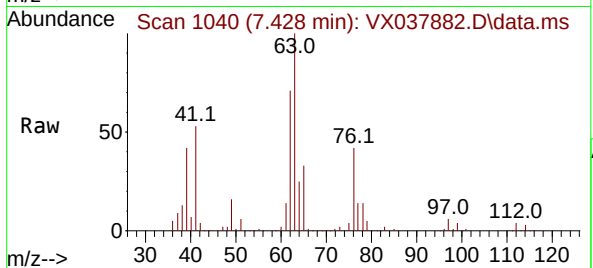
65 32.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#46

Dibromomethane

Concen: 50.316 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

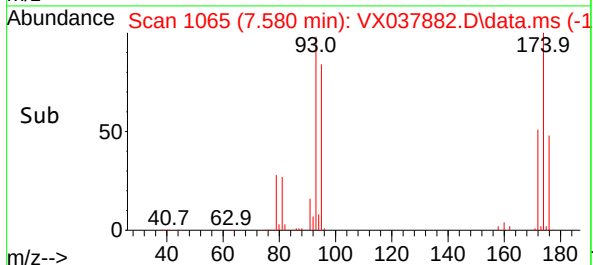
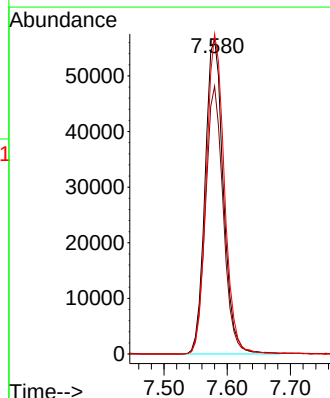
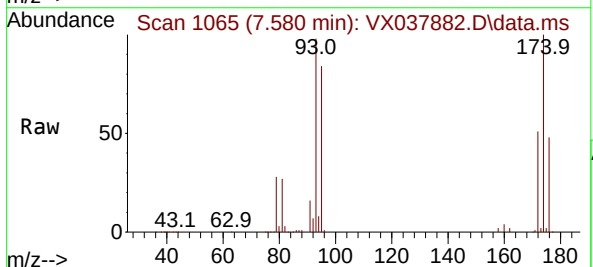
Tgt Ion: 93 Resp: 113733

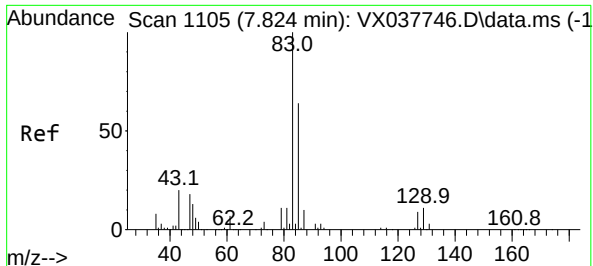
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 100.5 69.4 104.0





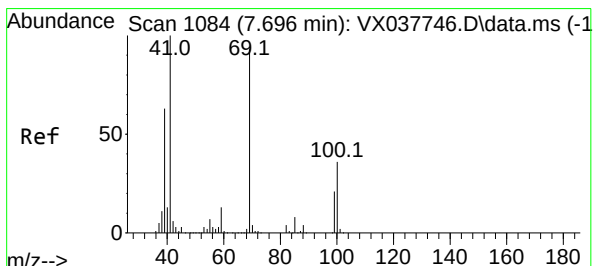
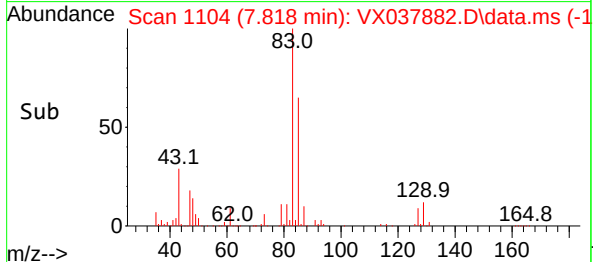
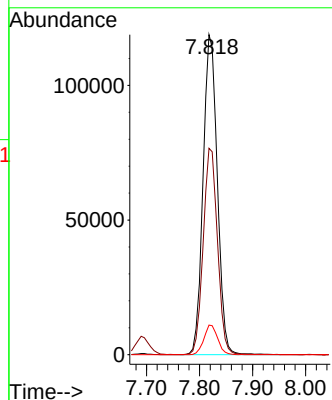
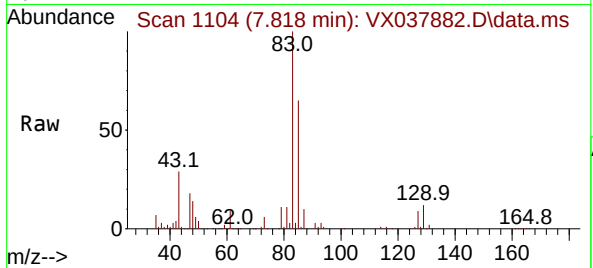
#47
Bromodichloromethane
Concen: 53.270 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 221762
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 9.2 7.1 10.7

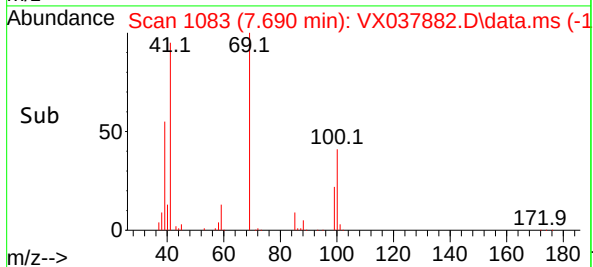
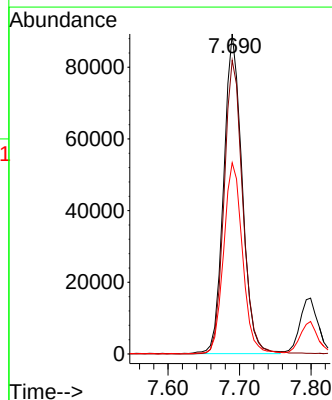
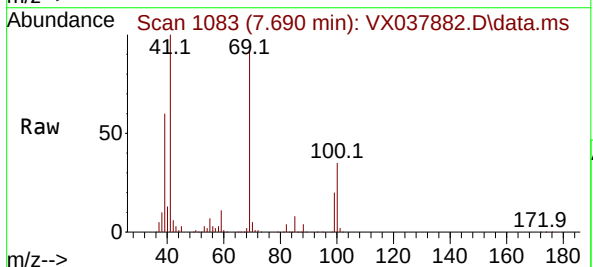
Manual Integrations
APPROVED

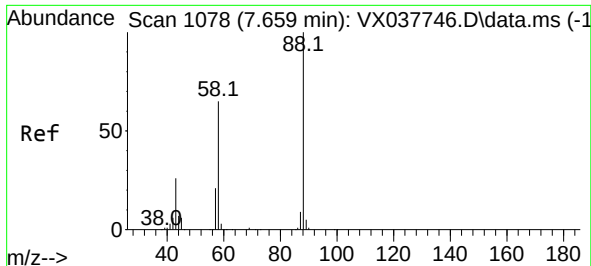
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#48
Methyl methacrylate
Concen: 48.339 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.012 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion: 41 Resp: 159837
Ion Ratio Lower Upper
41 100
69 93.2 59.2 88.8#
39 61.0 47.7 71.5





#49

1,4-Dioxane

Concen: 825.877 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.012 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

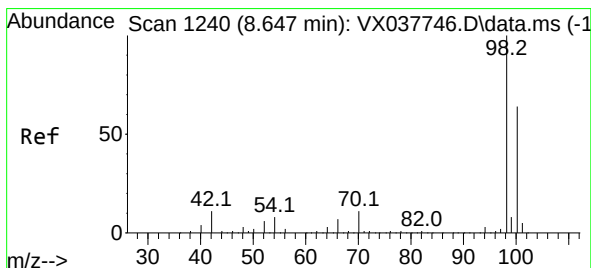
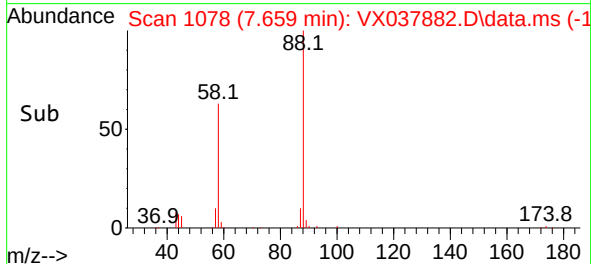
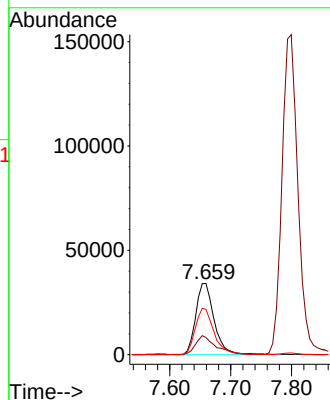
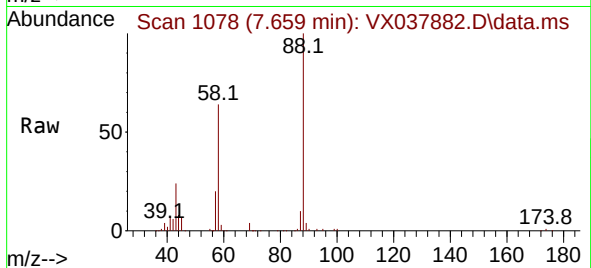
Tgt Ion: 88 Resp: 71592
 Ion Ratio Lower Upper
 88 100
 43 30.0 0.0 0.0
 58 66.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#50

Toluene-d8

Concen: 53.429 ug/l

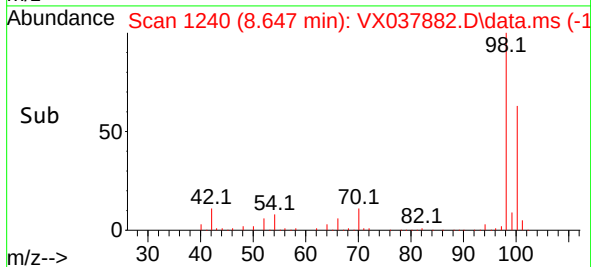
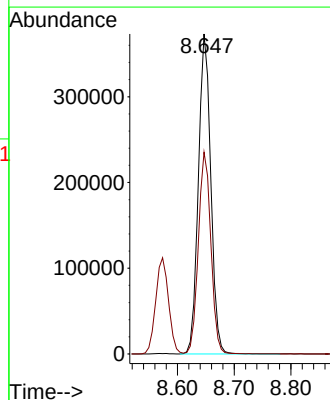
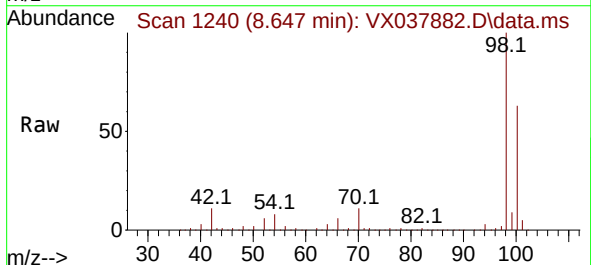
RT: 8.647 min Scan# 1240

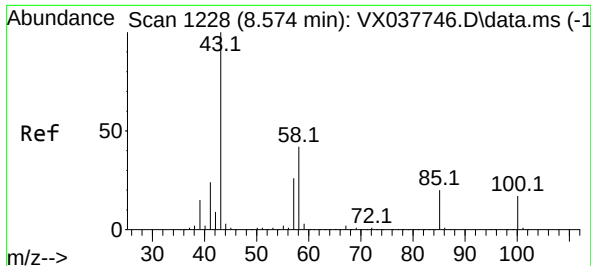
Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Tgt Ion: 98 Resp: 567051
 Ion Ratio Lower Upper
 98 100
 100 63.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 236.629 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

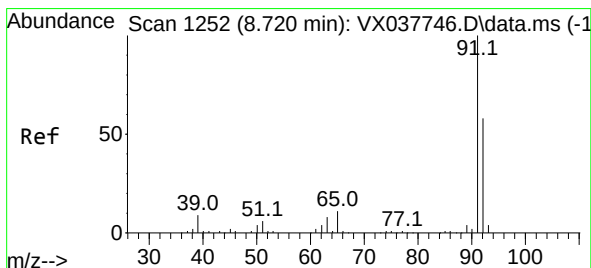
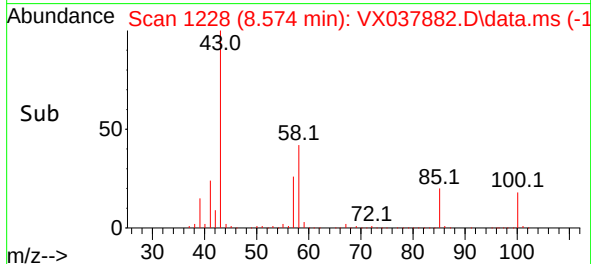
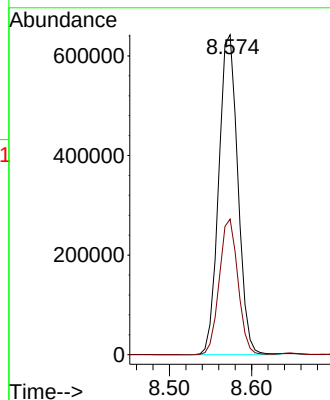
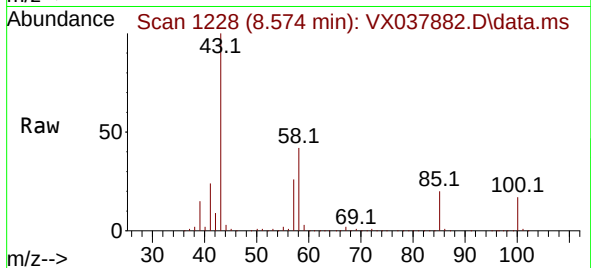
VSTDCCC050

Tgt Ion: 43 Resp: 103844
Ion Ratio Lower Upper
43 100
58 41.5 30.4 45.6

Manual Integrations

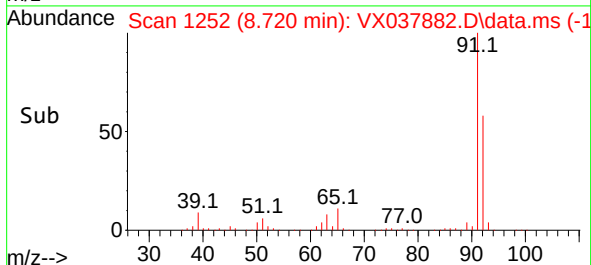
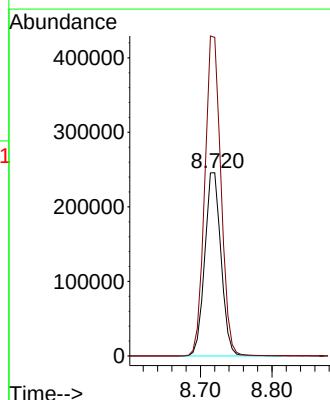
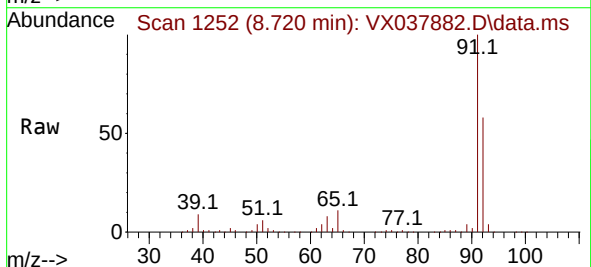
APPROVED

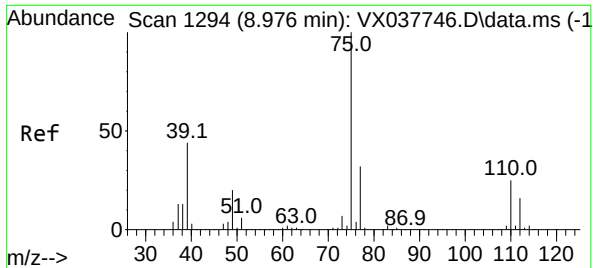
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#52
Toluene
Concen: 49.790 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion: 92 Resp: 388273
Ion Ratio Lower Upper
92 100
91 173.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.343 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.012 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 24525

Ion Ratio Lower Upper

75 100

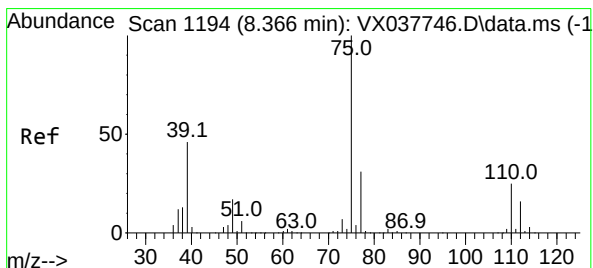
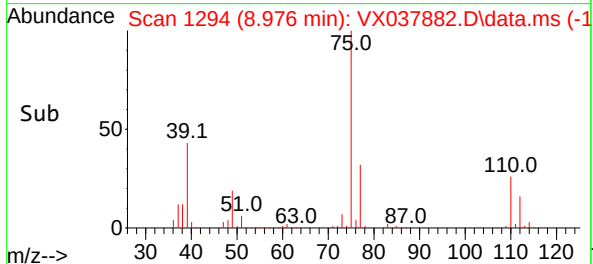
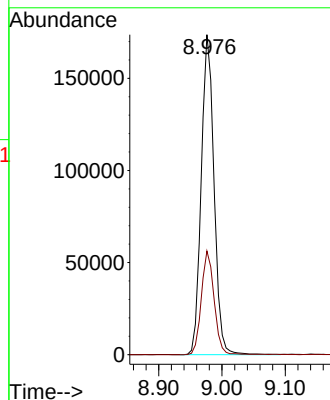
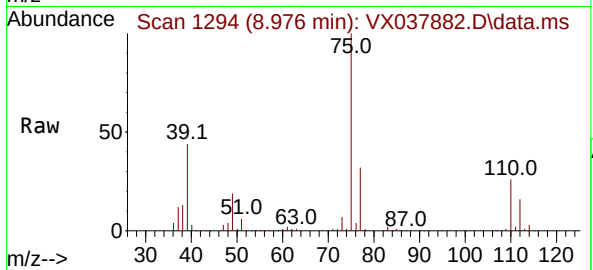
77 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#54

cis-1,3-Dichloropropene

Concen: 53.778 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

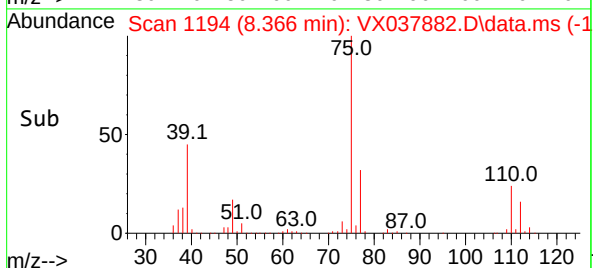
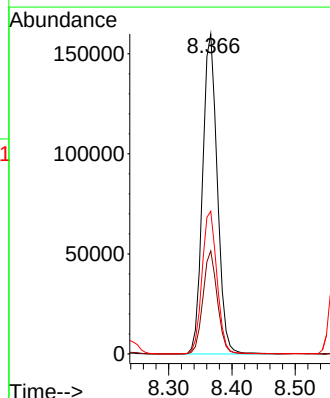
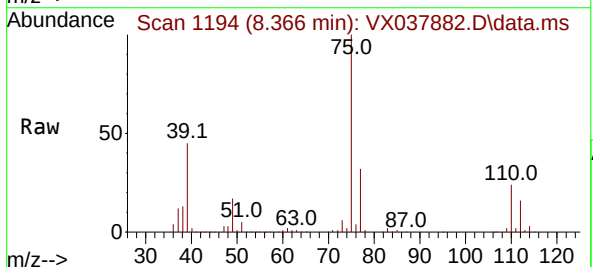
Tgt Ion: 75 Resp: 259075

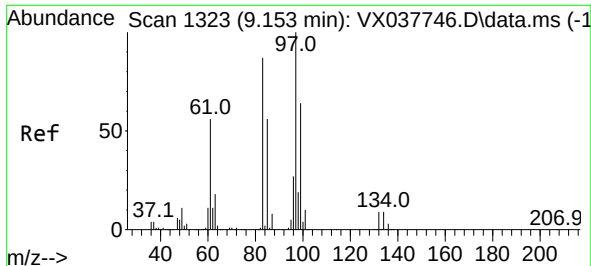
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

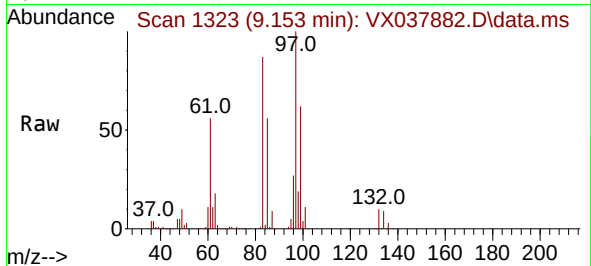
39 44.5 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 50.471 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

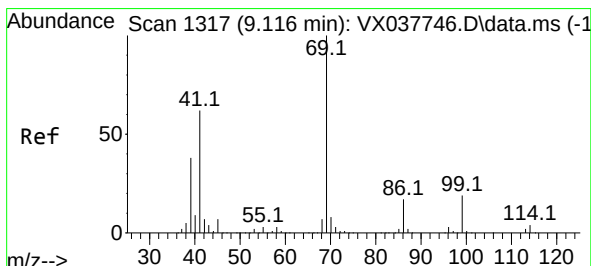
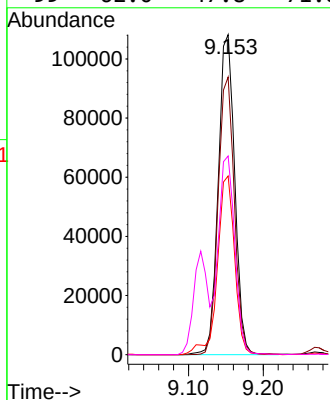
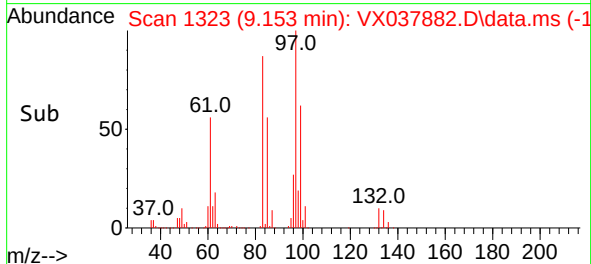
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



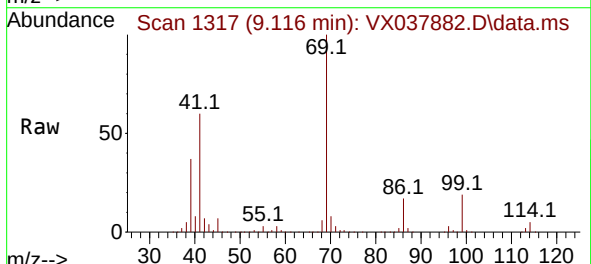
Tgt Ion:	97	Resp:	165938
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.8	98.8
85	55.9	41.6	62.4
99	62.0	47.8	71.8

Manual Integrations
APPROVED

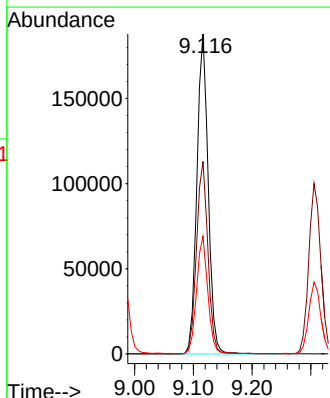
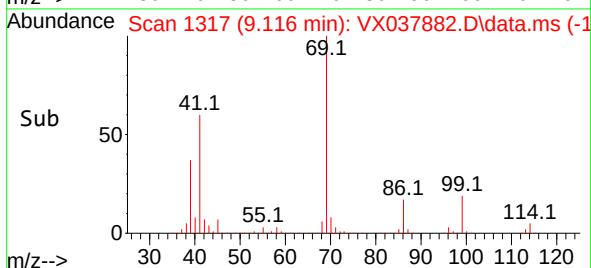
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

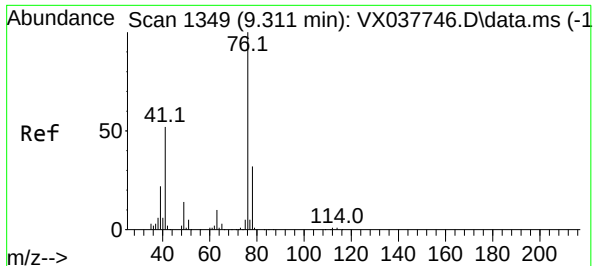


#56
Ethyl methacrylate
Concen: 51.149 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19



Tgt Ion:	69	Resp:	251054
Ion	Ratio	Lower	Upper
69	100		
41	60.8	56.8	85.2
39	36.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 49.616 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 26397

Ion Ratio Lower Upper

76 100

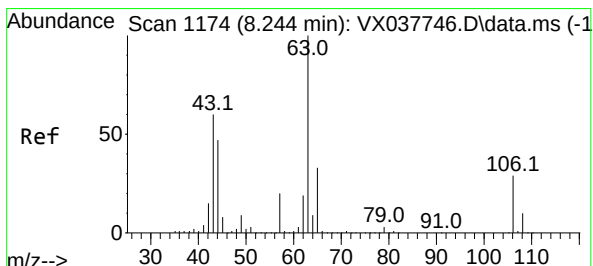
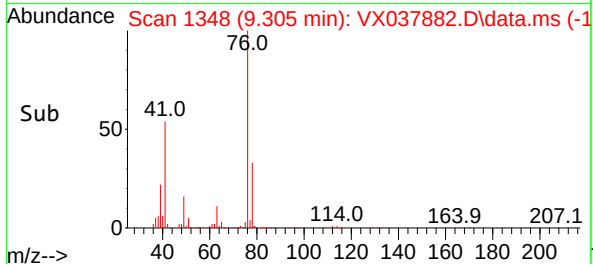
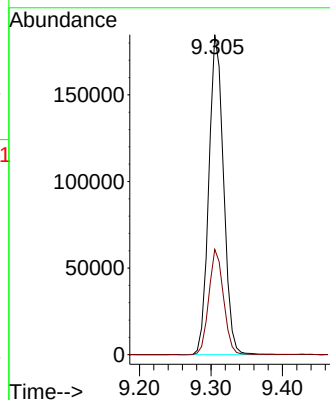
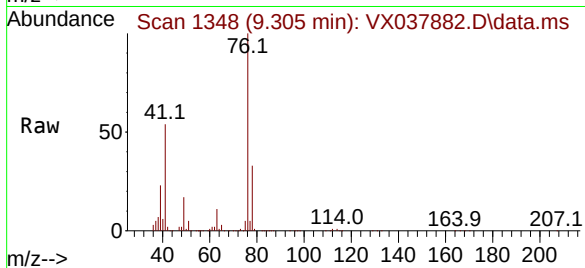
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 234.617 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037882.D

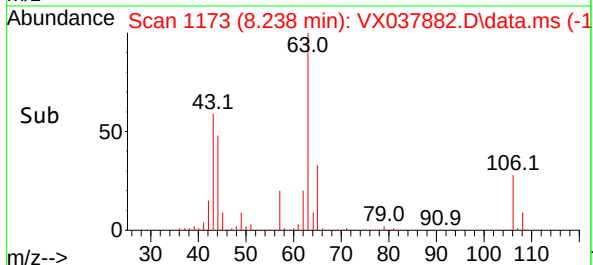
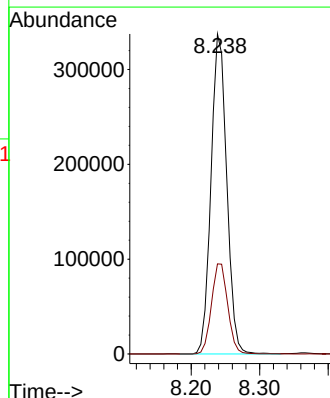
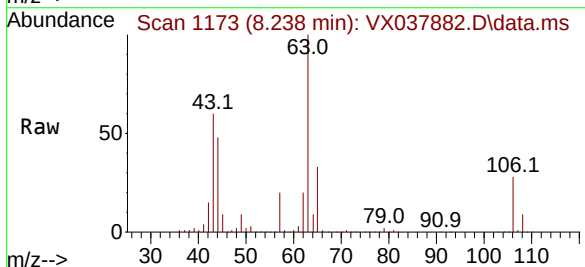
Acq: 25 Sep 2023 09:19

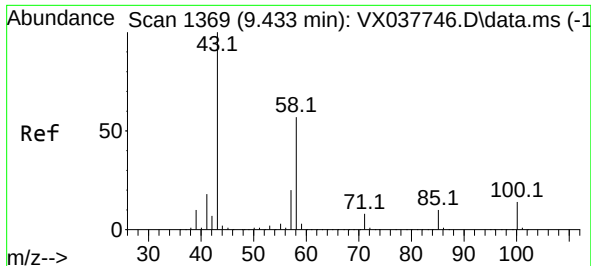
Tgt Ion: 63 Resp: 537726

Ion Ratio Lower Upper

63 100

106 29.0 22.5 33.7





#59

2-Hexanone

Concen: 242.521 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 828664

Ion Ratio Lower Upper

43 100

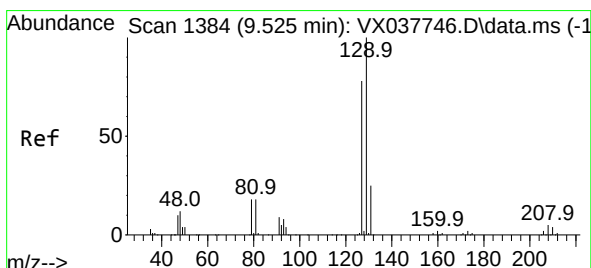
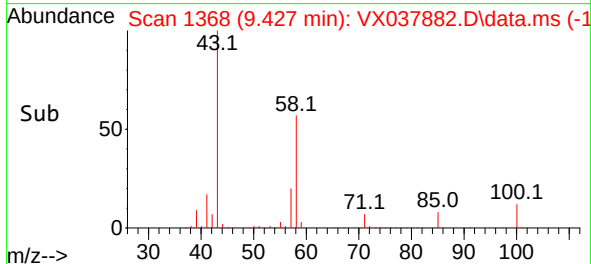
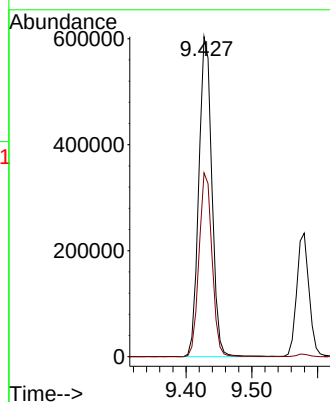
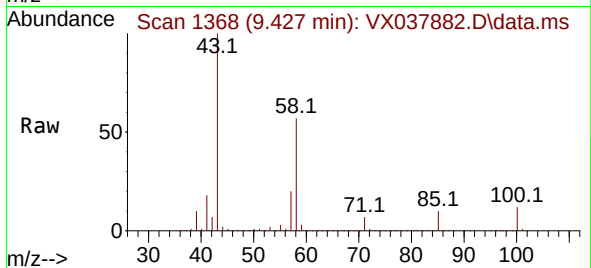
58 57.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#60

Dibromochloromethane

Concen: 55.884 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX037882.D

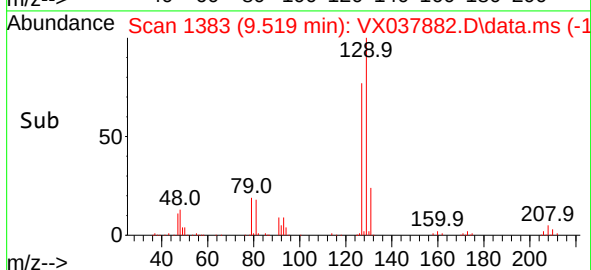
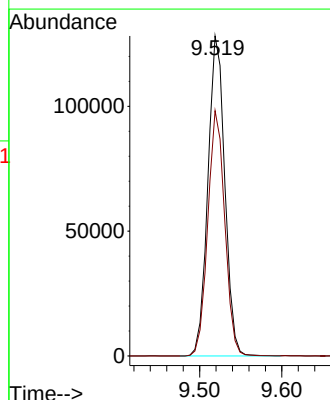
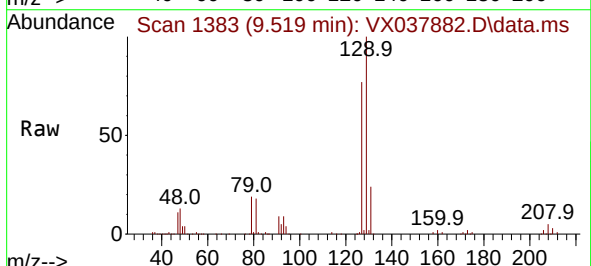
Acq: 25 Sep 2023 09:19

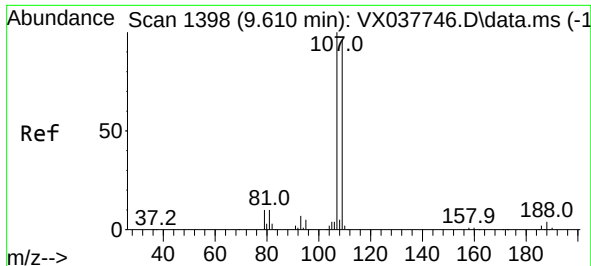
Tgt Ion:129 Resp: 183035

Ion Ratio Lower Upper

129 100

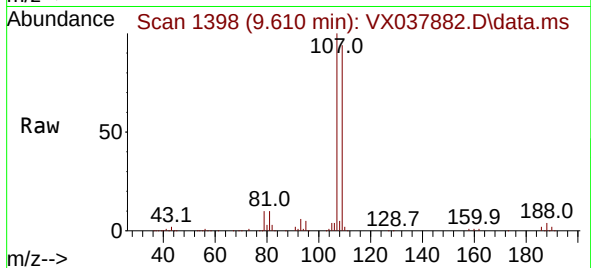
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.391 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

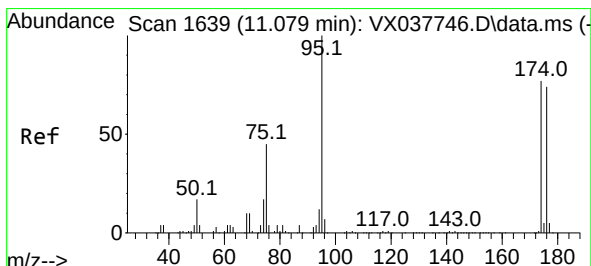
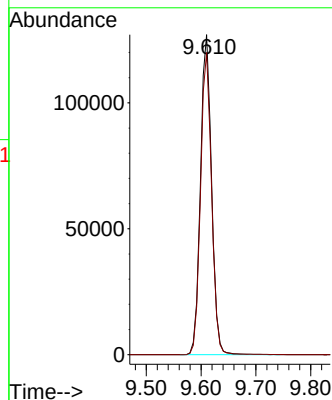
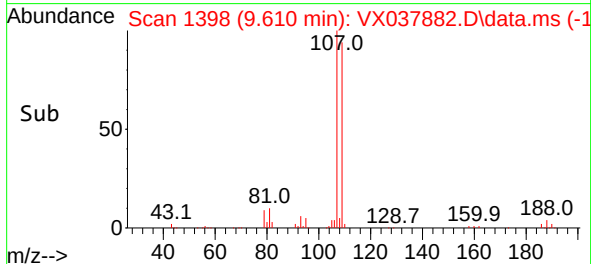
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



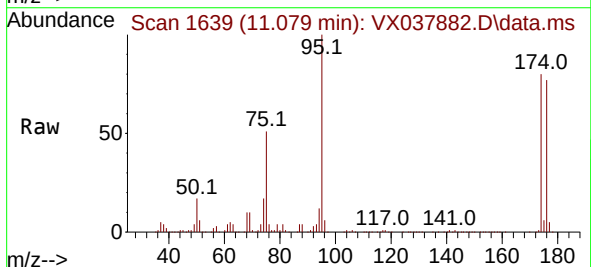
Tgt Ion:107 Resp: 178894
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

Manual Integrations
APPROVED

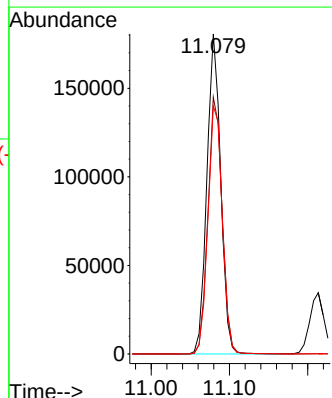
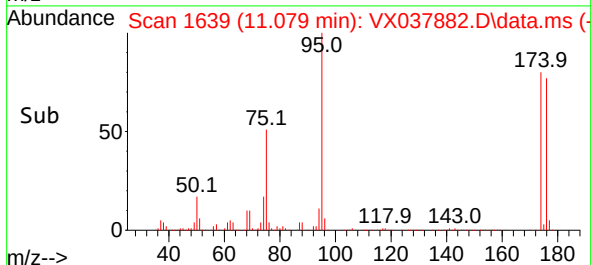
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

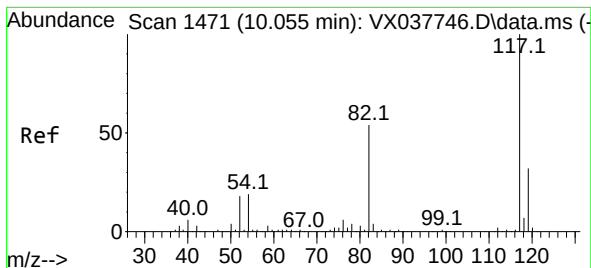


#62
4-Bromofluorobenzene
Concen: 57.064 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19



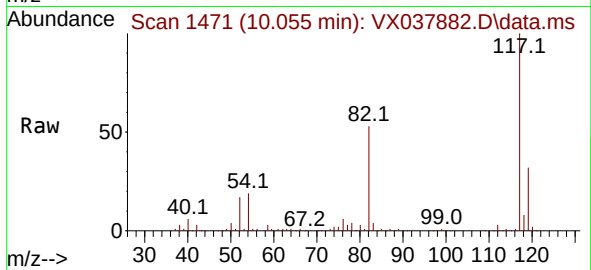
Tgt Ion: 95 Resp: 220074
Ion Ratio Lower Upper
95 100
174 83.0 0.0 135.6
176 80.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

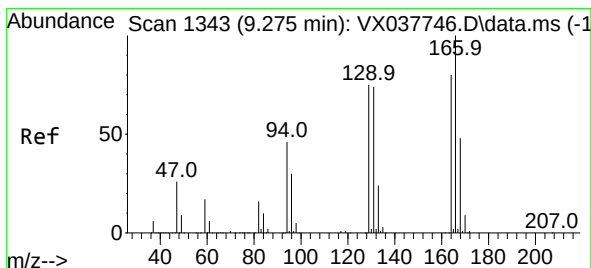
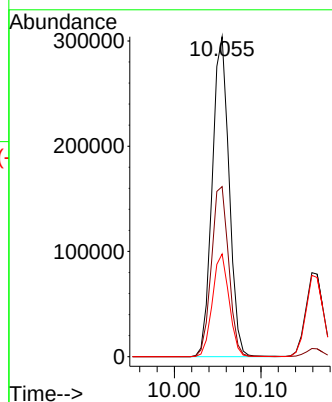
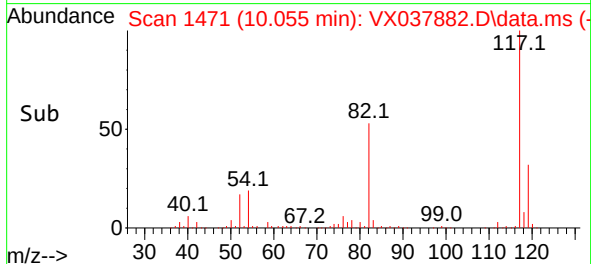
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 411485
Ion Ratio Lower Upper
117 100
82 53.1 46.2 69.4
119 32.1 25.5 38.3

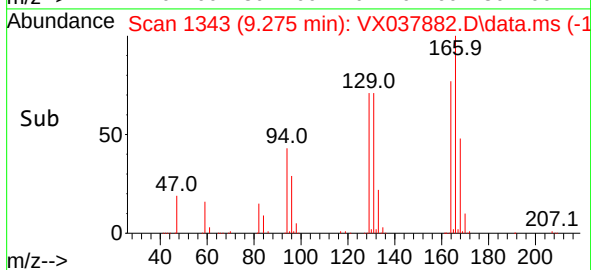
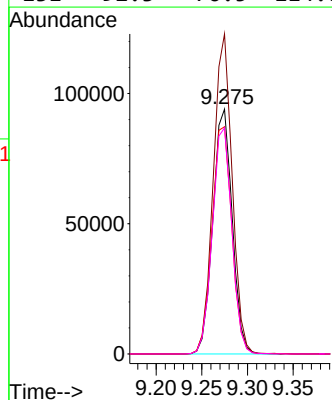
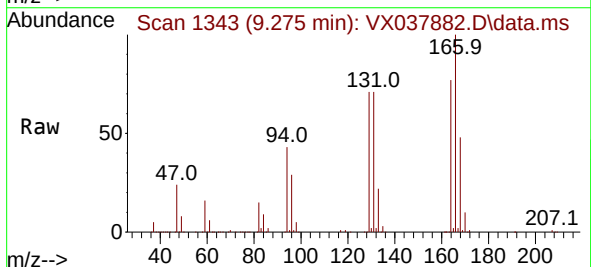
Manual Integrations
APPROVED

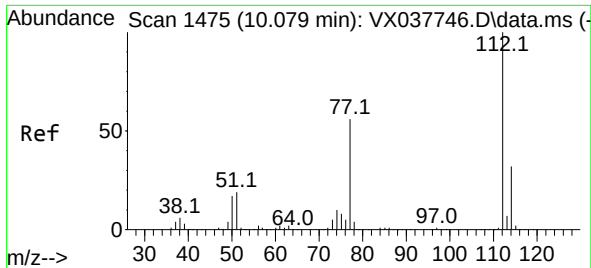
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#64
Tetrachloroethene
Concen: 49.146 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

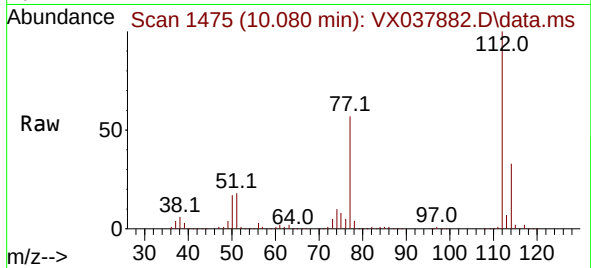
Tgt Ion:164 Resp: 137918
Ion Ratio Lower Upper
164 100
166 130.7 102.7 154.1
129 92.8 80.4 120.6
131 92.3 76.5 114.7





#65
Chlorobenzene
Concen: 48.656 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

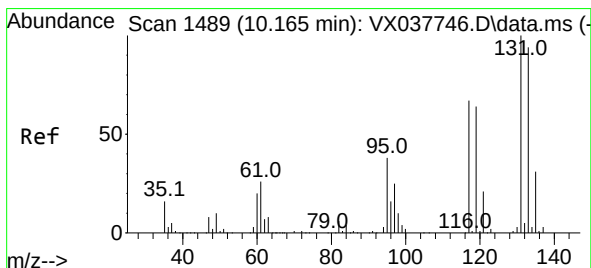
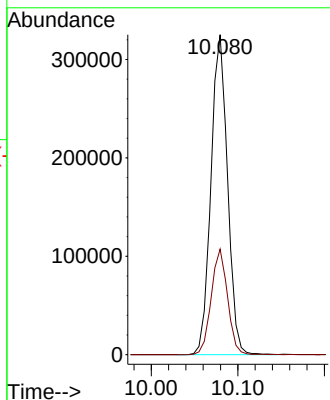
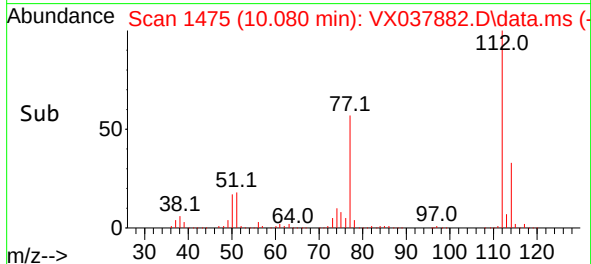
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



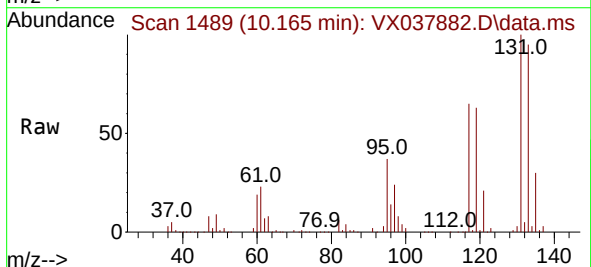
Tgt Ion:112 Resp: 43186
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

Manual Integrations
APPROVED

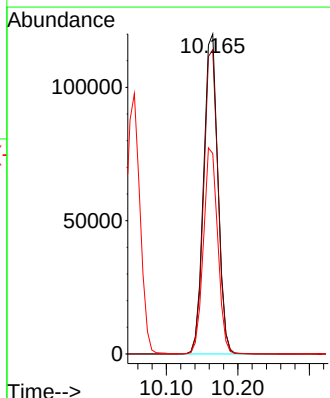
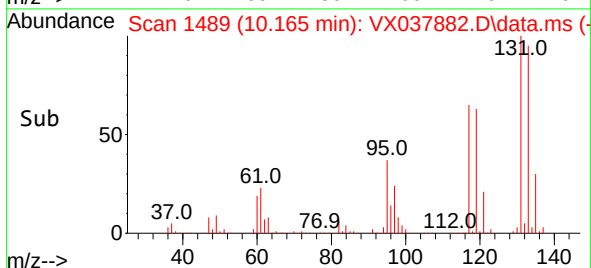
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

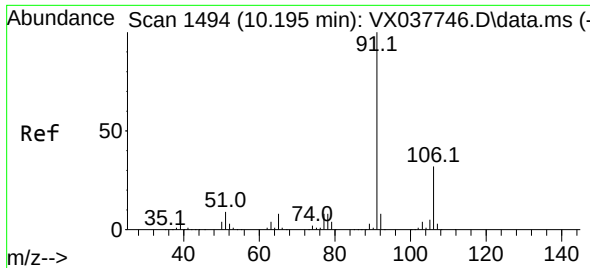


#66
1,1,1,2-Tetrachloroethane
Concen: 53.033 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19



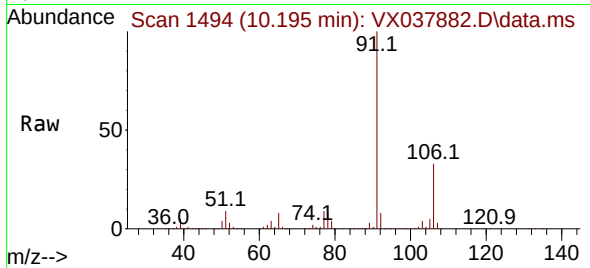
Tgt Ion:131 Resp: 166813
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 64.5 32.2 96.6





#67
Ethyl Benzene
Concen: 49.833 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

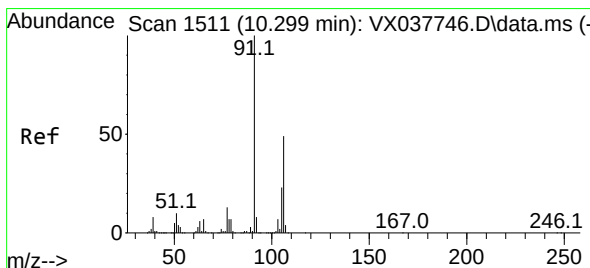
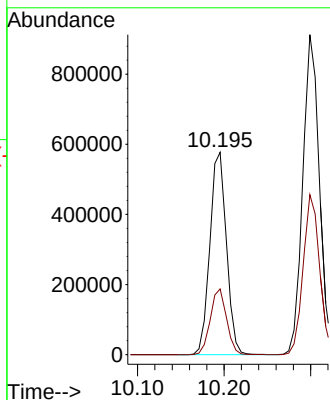
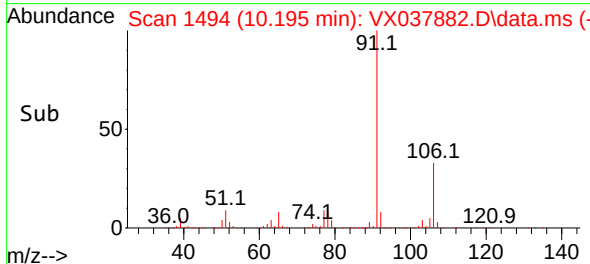
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



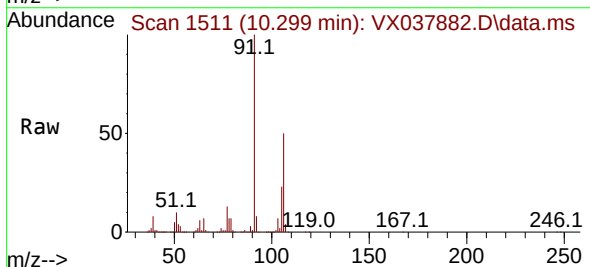
Tgt Ion: 91 Resp: 766859
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

Manual Integrations
APPROVED

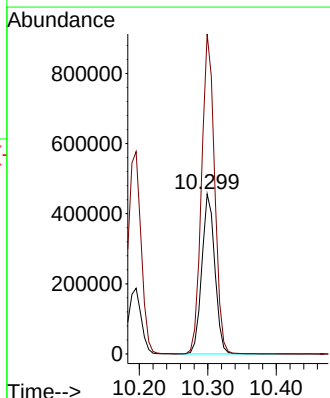
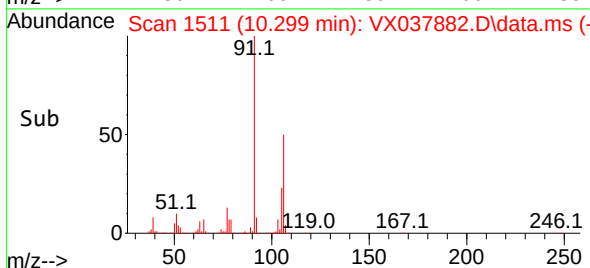
Reviewed By :John Carbone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

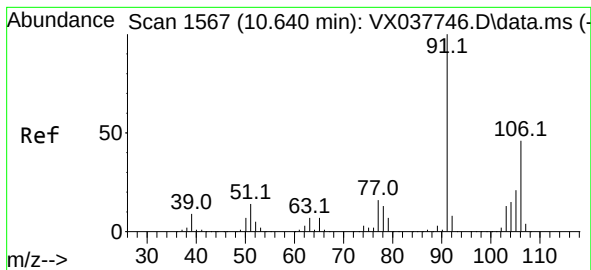


#68
m/p-Xylenes
Concen: 101.421 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19



Tgt Ion:106 Resp: 603080
Ion Ratio Lower Upper
106 100
91 200.7 165.5 248.3





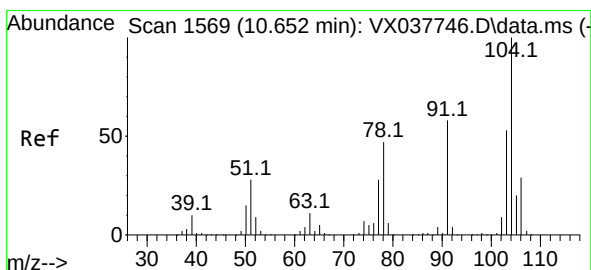
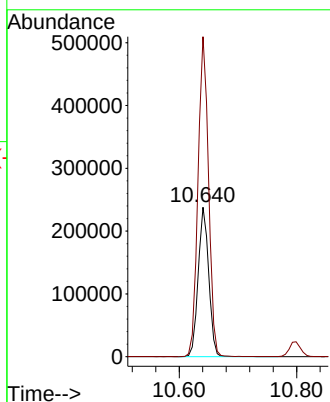
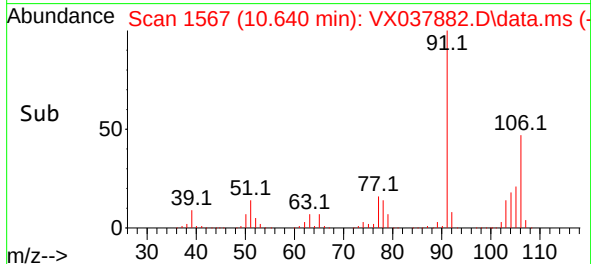
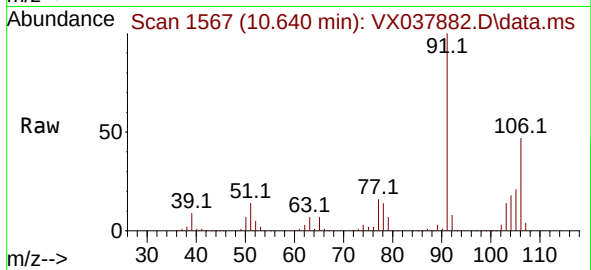
#69
o-Xylene
Concen: 49.726 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 296510
Ion Ratio Lower Upper
106 100
91 213.8 108.9 326.8

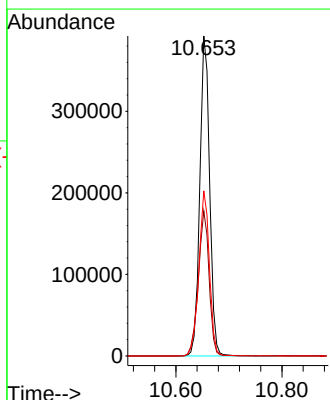
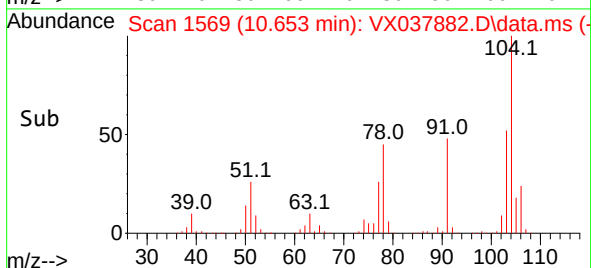
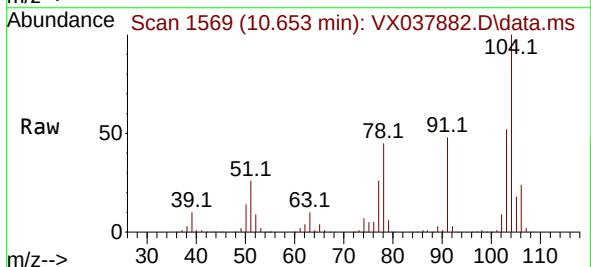
Manual Integrations
APPROVED

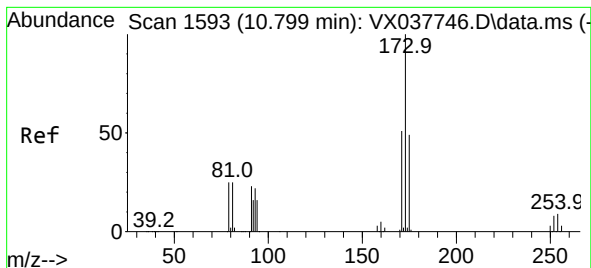
Reviewed By :John Carbone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#70
Styrene
Concen: 52.835 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion:104 Resp: 505776
Ion Ratio Lower Upper
104 100
78 49.5 43.6 65.4
103 55.6 43.6 65.4





#71

Bromoform

Concen: 56.773 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 141068

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

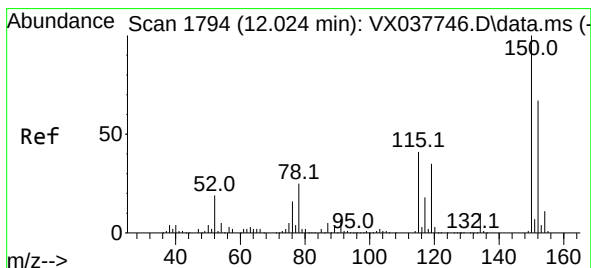
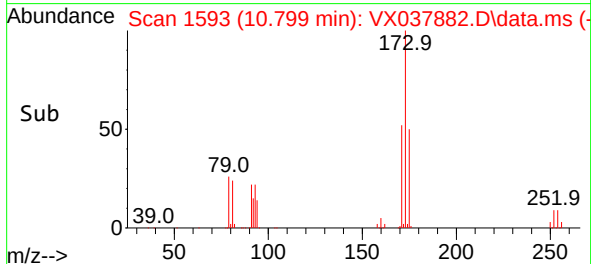
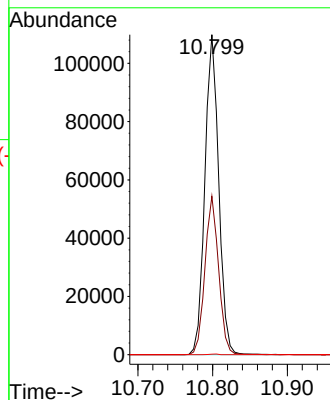
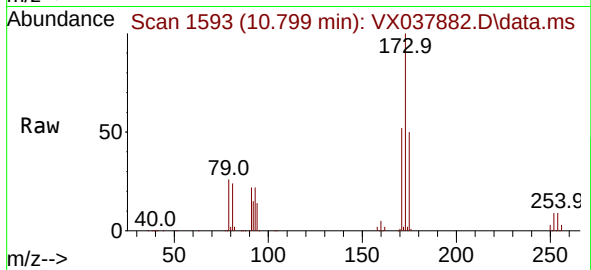
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

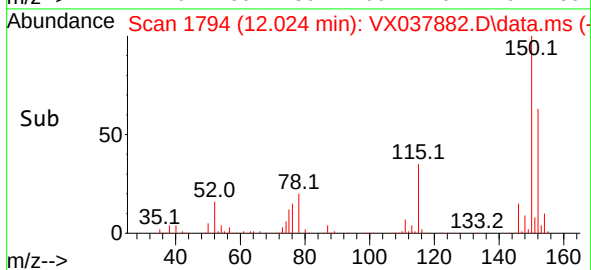
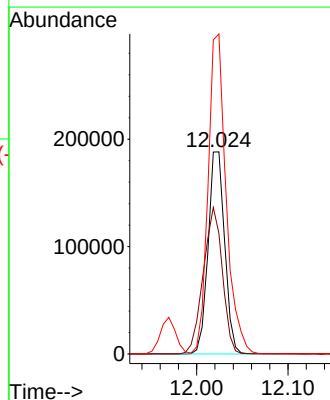
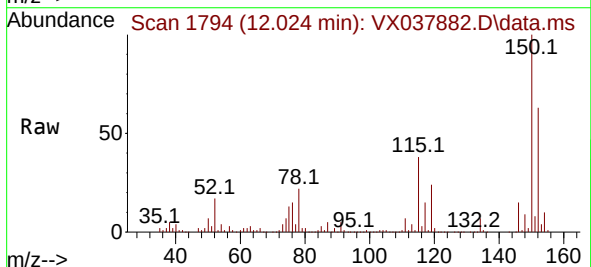
Tgt Ion:152 Resp: 236338

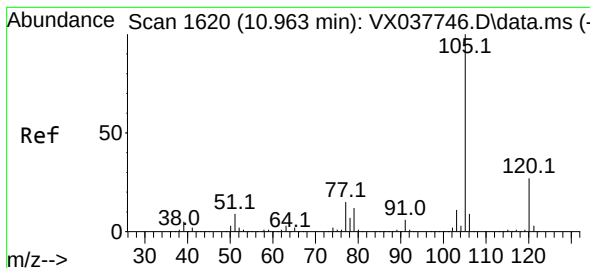
Ion Ratio Lower Upper

152 100

115 83.8 43.3 129.9

150 172.3 0.0 345.0





#73

Isopropylbenzene

Concen: 45.388 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 786980

Ion Ratio Lower Upper

105 100

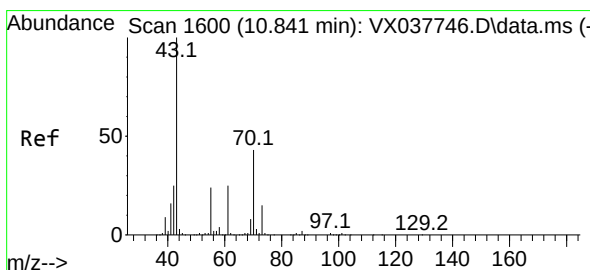
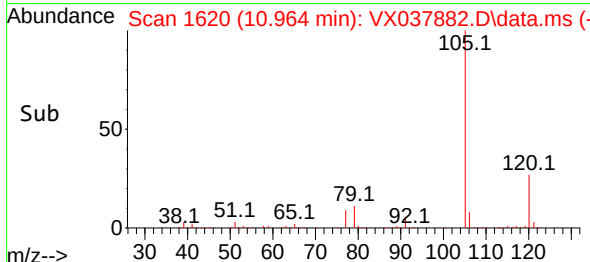
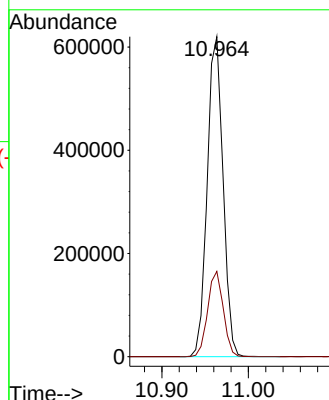
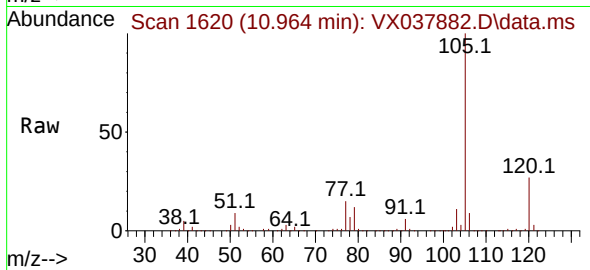
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#74

N-ethyl acetate

Concen: 45.579 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Tgt Ion: 43 Resp: 320058

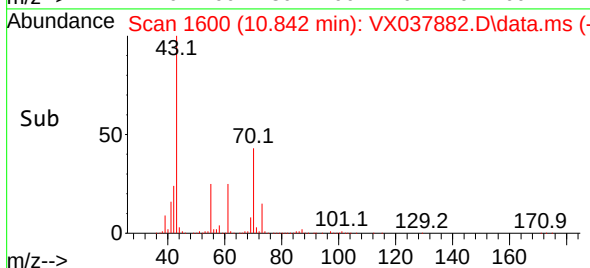
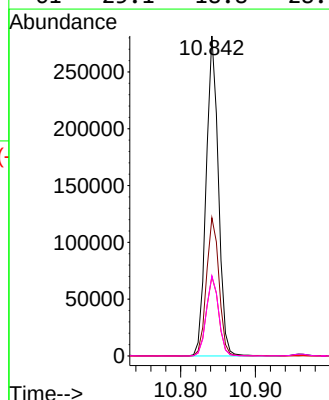
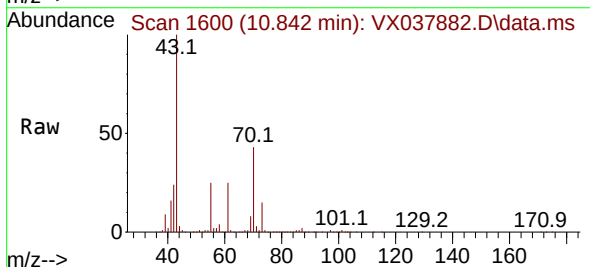
Ion Ratio Lower Upper

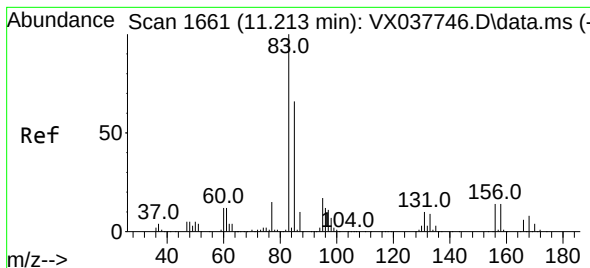
43 100

70 44.5 32.9 49.3

55 25.1 19.3 28.9

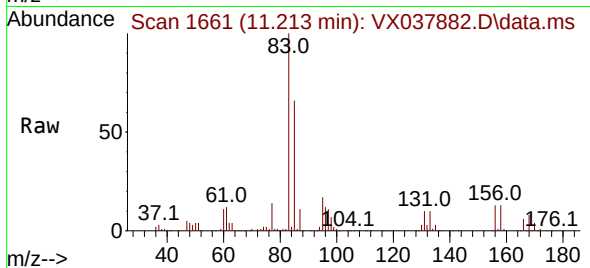
61 25.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.612 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

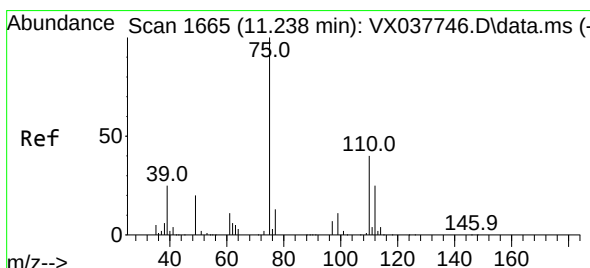
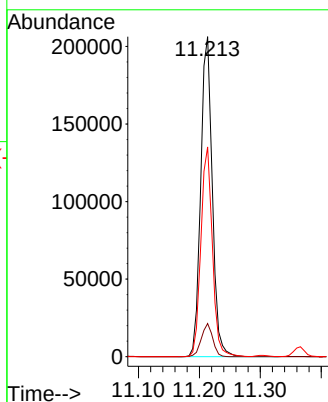
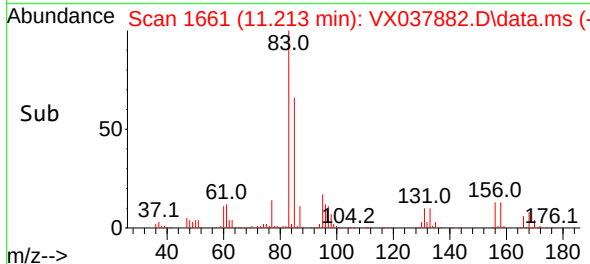
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



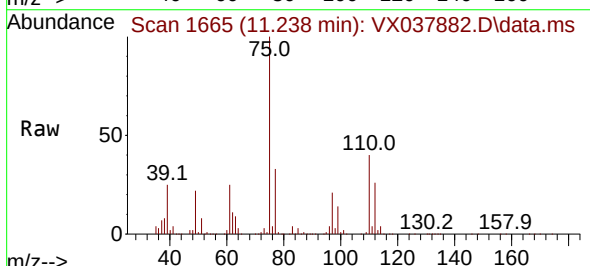
Tgt Ion: 83 Resp: 27204
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 65.2 32.0 96.2

Manual Integrations
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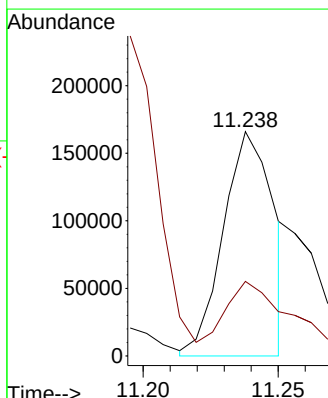
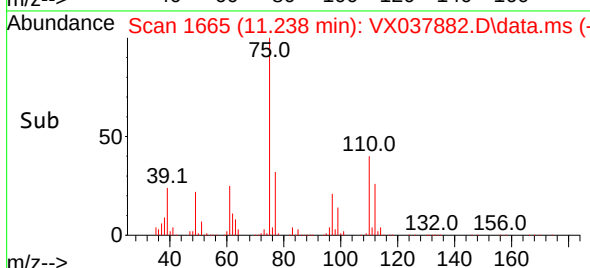
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

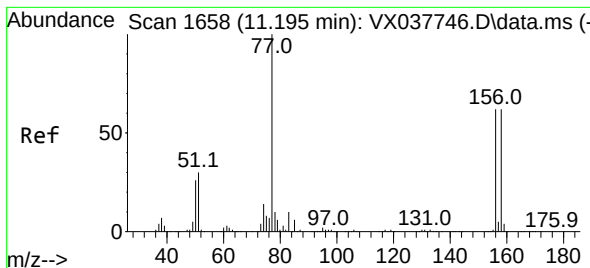


#76
1,2,3-Trichloropropane
Concen: 39.375 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19



Tgt Ion: 75 Resp: 215234
Ion Ratio Lower Upper
75 100
77 44.7 19.1 57.5





#77

Bromobenzene

Concen: 46.273 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

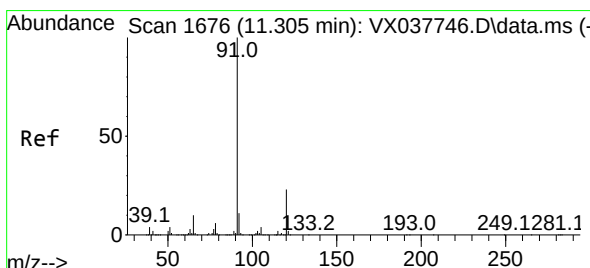
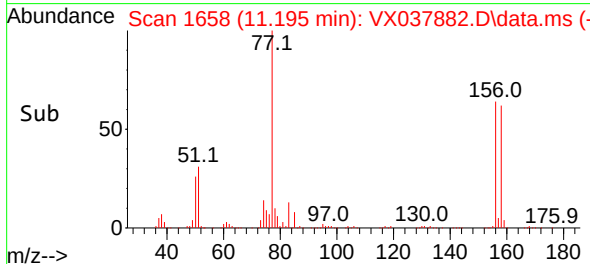
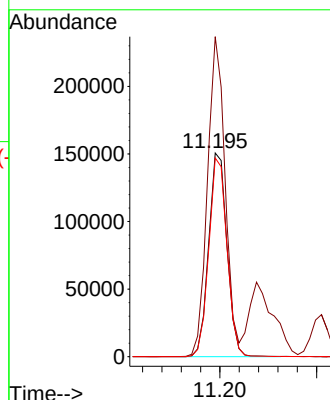
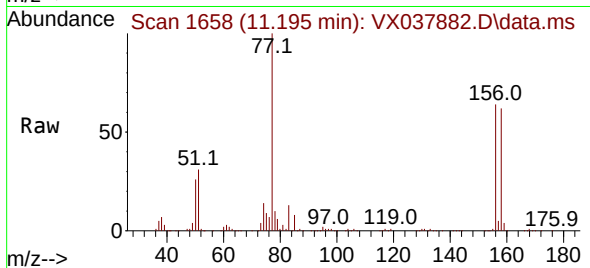
Tgt Ion:	156	Resp:	198580
Ion Ratio	Lower	Upper	
156	100		
77	151.3	88.4	265.3
158	97.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#78

n-propylbenzene

Concen: 48.234 ug/l

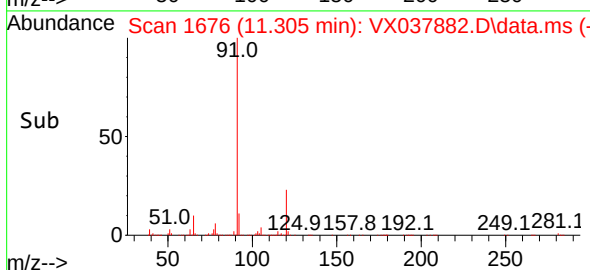
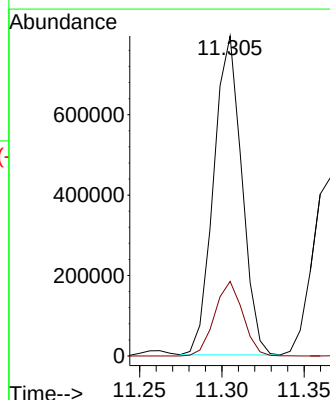
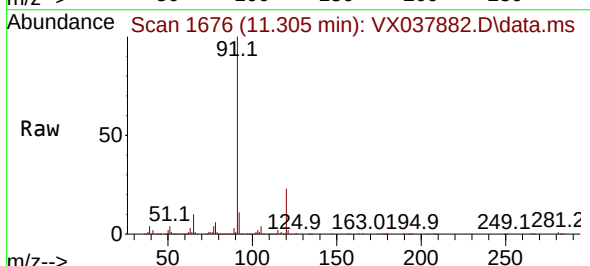
RT: 11.305 min Scan# 1676

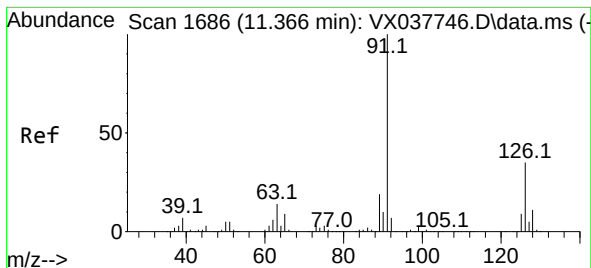
Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Tgt Ion:	91	Resp:	944511
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





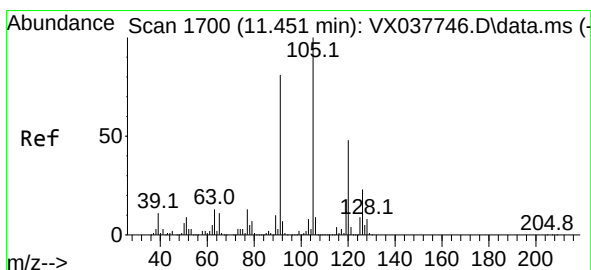
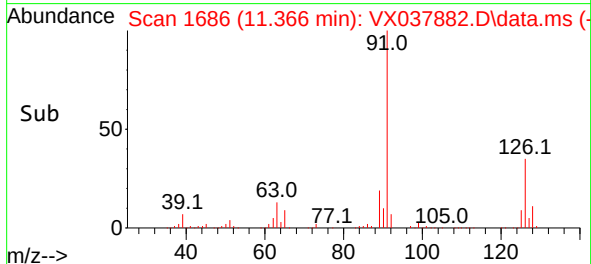
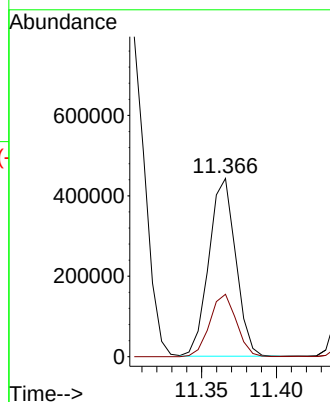
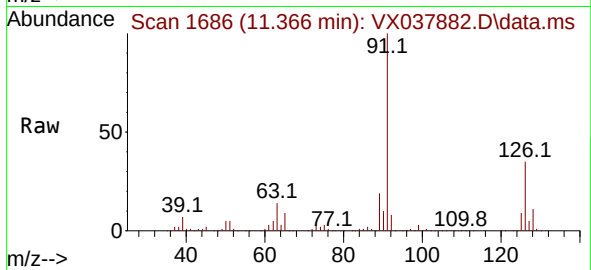
#79
2-Chlorotoluene
Concen: 45.821 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 55323
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

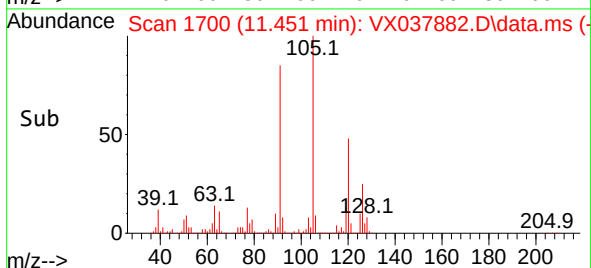
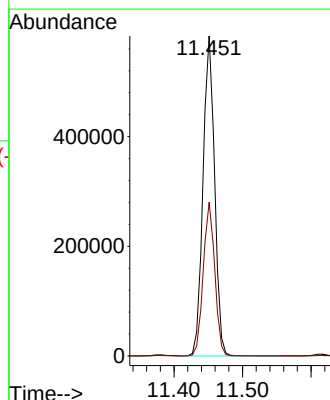
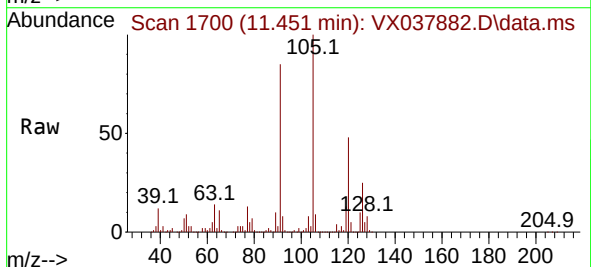
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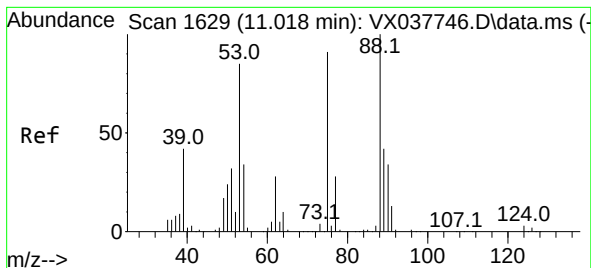
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.864 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion:105 Resp: 686217
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





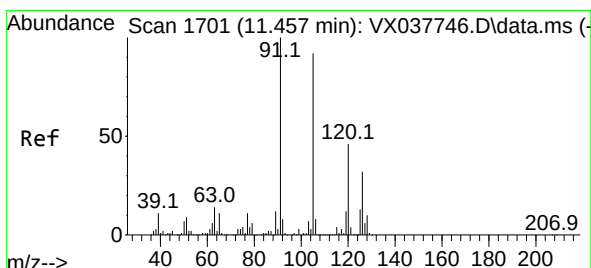
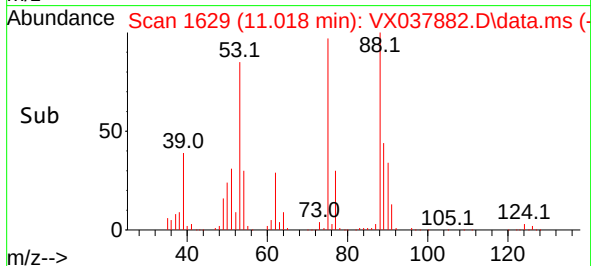
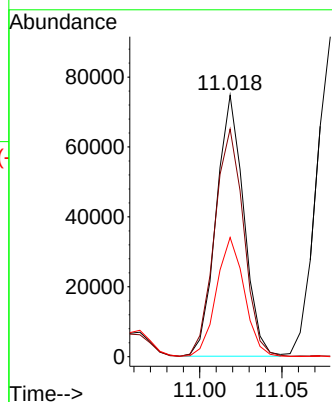
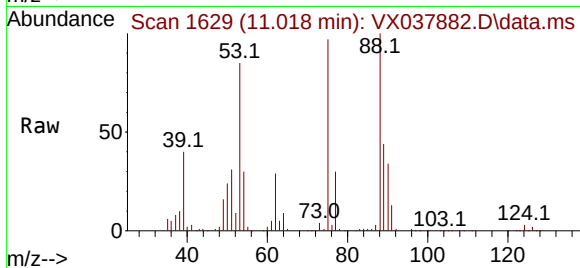
#81
trans-1,4-Dichloro-2-butene
Concen: 51.030 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 87079
Ion Ratio Lower Upper
75 100
53 92.0 90.5 135.7
89 46.1 36.9 55.3

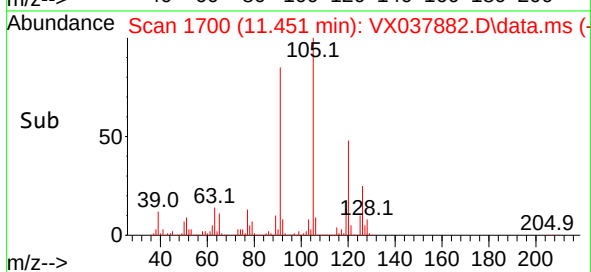
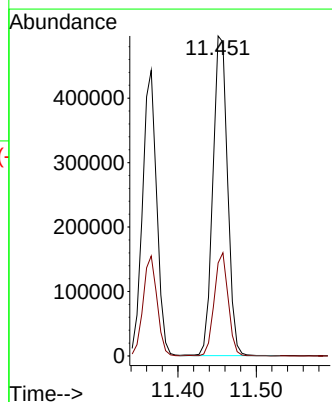
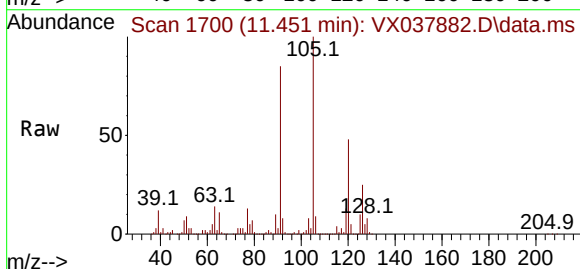
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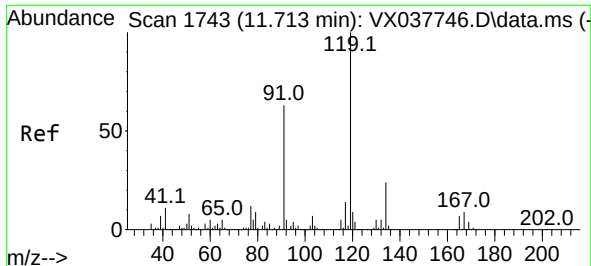
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#82
4-Chlorotoluene
Concen: 47.467 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

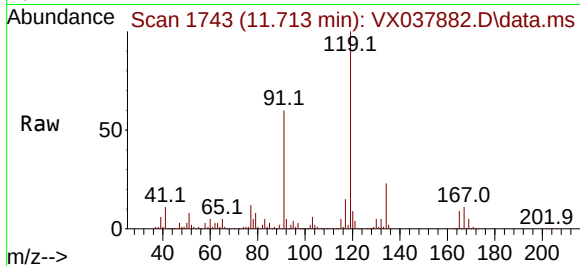
Tgt Ion: 91 Resp: 645209
Ion Ratio Lower Upper
91 100
126 30.7 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 46.359 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX037882.D
 Acq: 25 Sep 2023 09:19

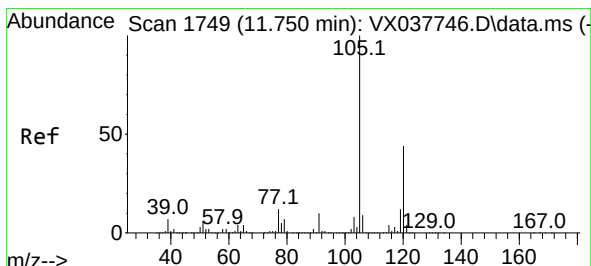
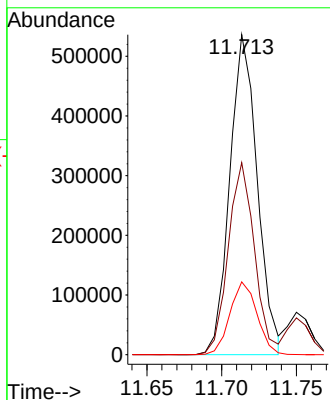
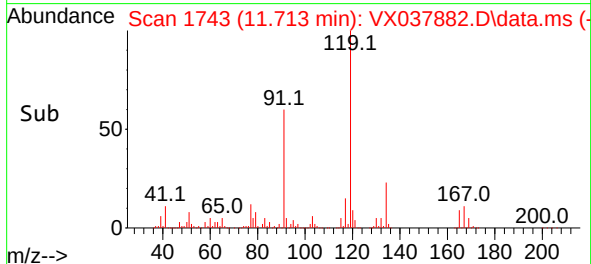
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



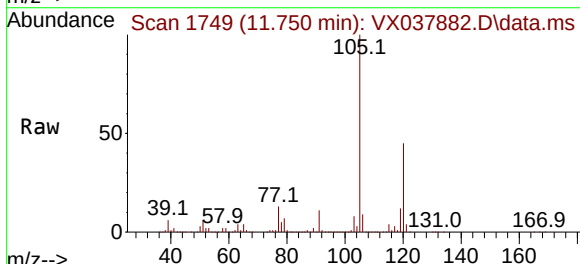
Tgt Ion:119 Resp: 686062
 Ion Ratio Lower Upper
 119 100
 91 57.4 31.2 93.6
 134 22.4 11.7 35.0

Manual Integrations
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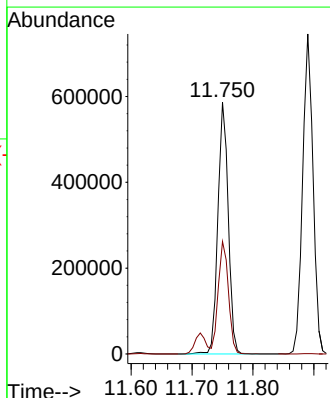
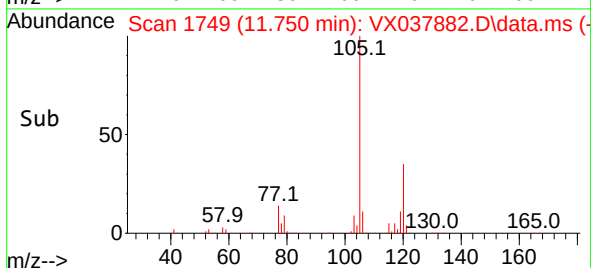
Reviewed By :John Carlone 09/26/2023
 Supervised By :Semsettin Yesilyurt 09/26/2023

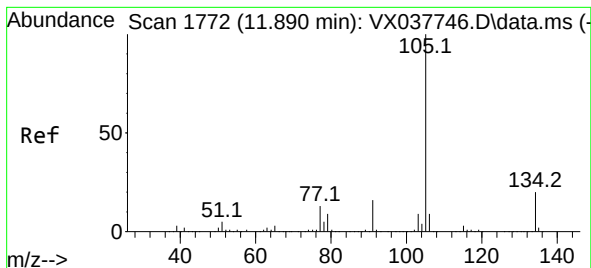


#84
 1,2,4-Trimethylbenzene
 Concen: 47.407 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: VX037882.D
 Acq: 25 Sep 2023 09:19



Tgt Ion:105 Resp: 690666
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.2 63.6





#85

sec-Butylbenzene

Concen: 49.153 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 88250

Ion Ratio Lower Upper

105 100

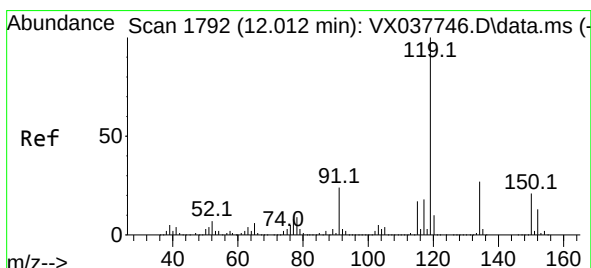
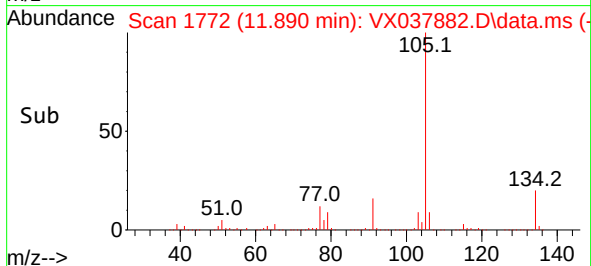
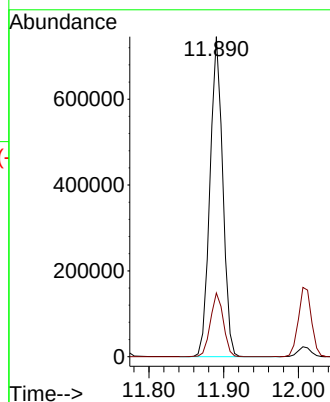
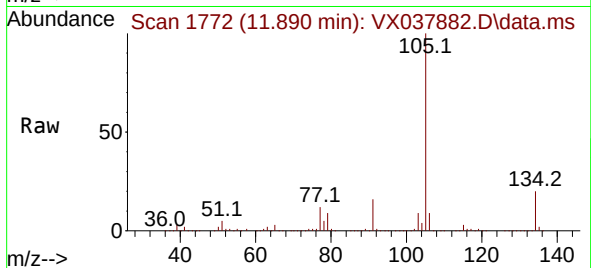
134 20.2 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.718 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

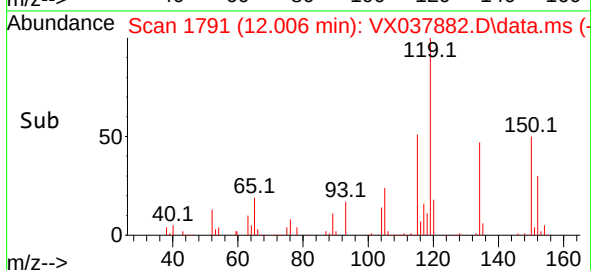
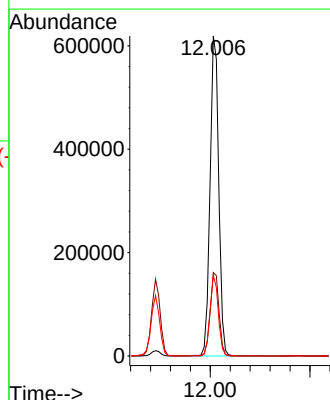
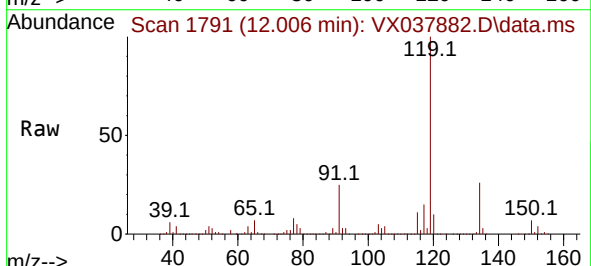
Tgt Ion:119 Resp: 743712

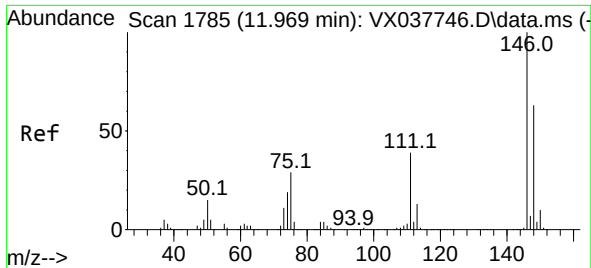
Ion Ratio Lower Upper

119 100

134 26.4 12.8 38.3

91 24.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.815 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 390510

Ion Ratio Lower Upper

146 100

111 40.0 22.1 66.1

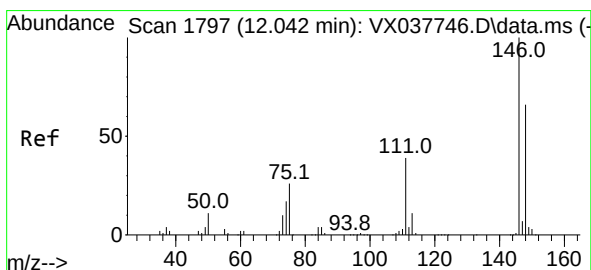
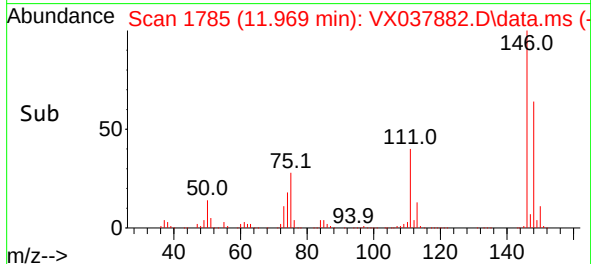
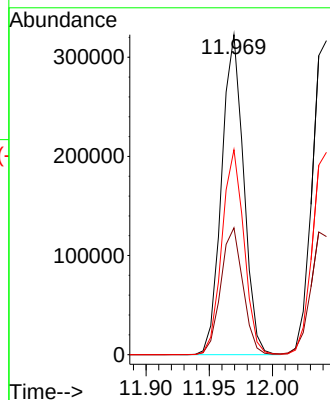
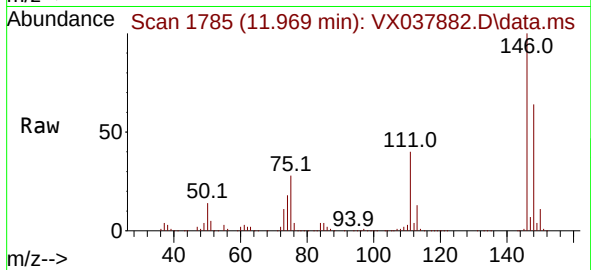
148 64.0 31.8 95.3

Manual Integrations

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Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#88

1,4-Dichlorobenzene

Concen: 48.059 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

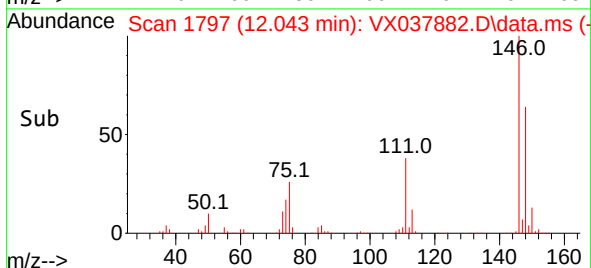
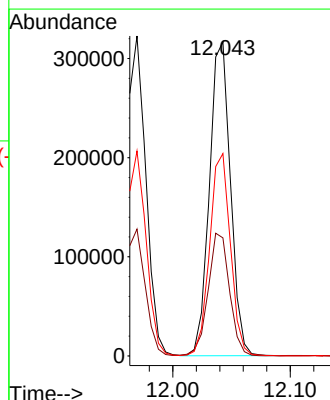
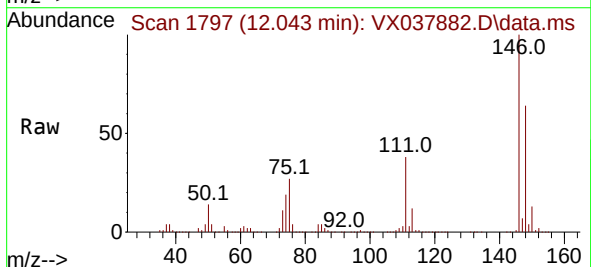
Tgt Ion:146 Resp: 393423

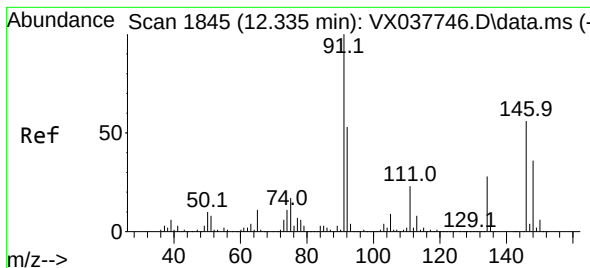
Ion Ratio Lower Upper

146 100

111 39.8 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 54.235 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 71070

Ion Ratio Lower Upper

91 100

92 52.2 27.4 82.0

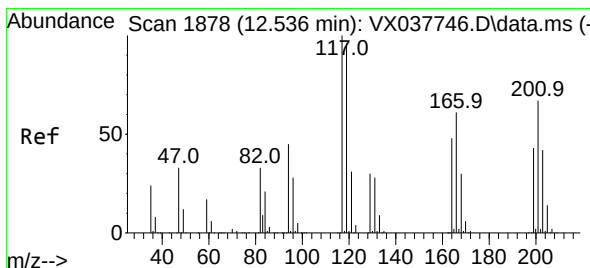
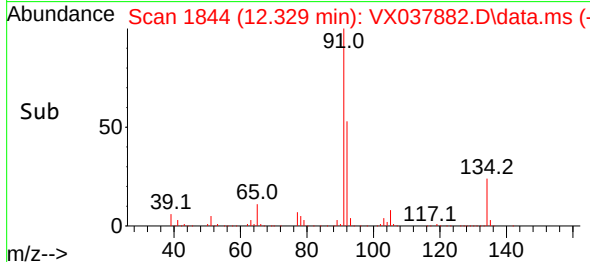
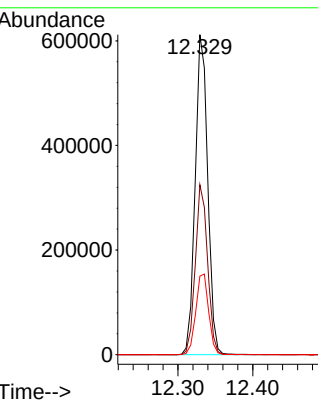
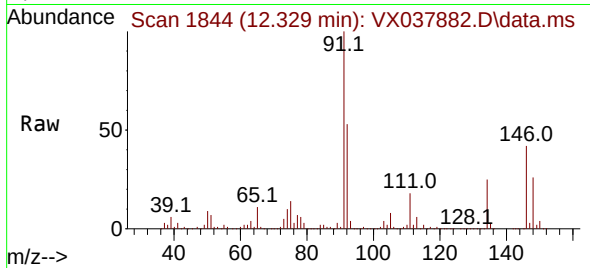
134 25.9 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 09/26/2023

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#90

Hexachloroethane

Concen: 52.684 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037882.D

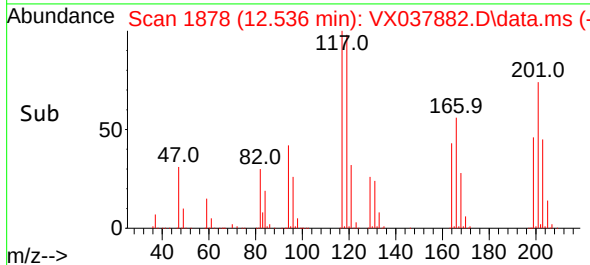
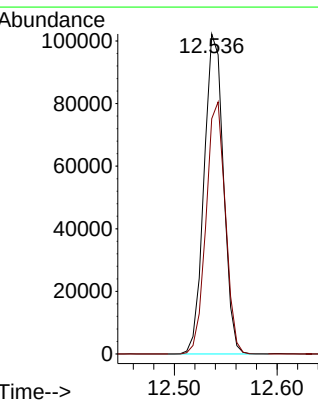
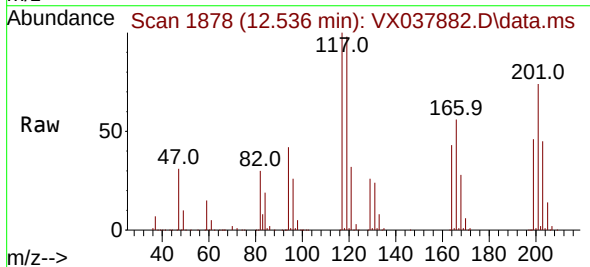
Acq: 25 Sep 2023 09:19

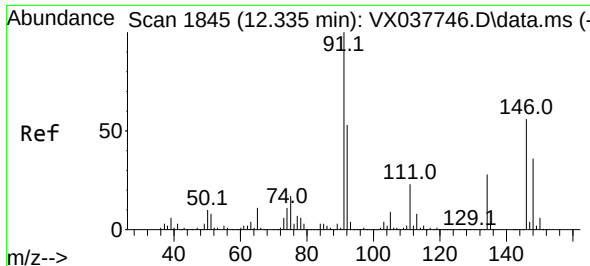
Tgt Ion:117 Resp: 133527

Ion Ratio Lower Upper

117 100

201 78.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 47.627 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

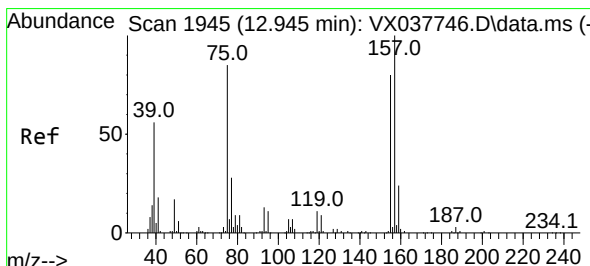
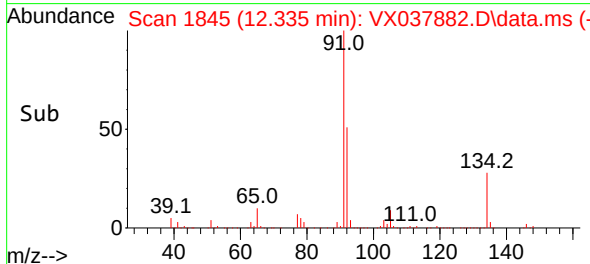
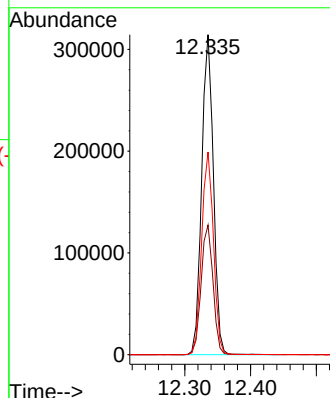
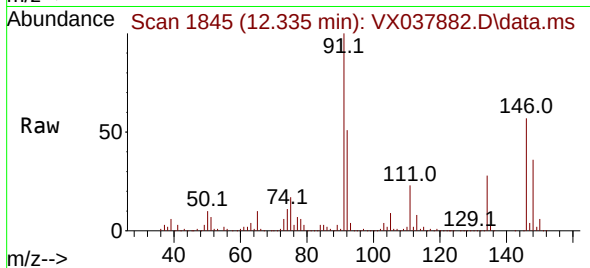
Tgt Ion:146 Resp: 389000
Ion Ratio Lower Upper
146 100
111 41.1 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations

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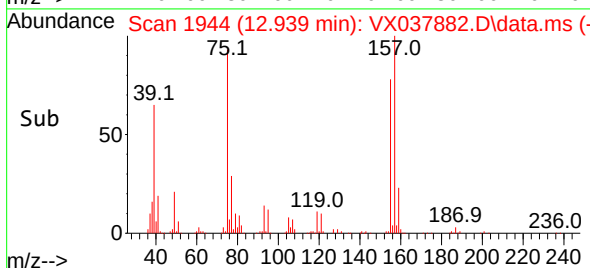
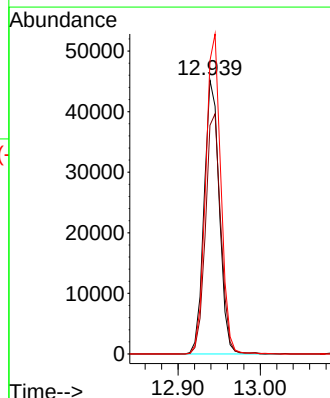
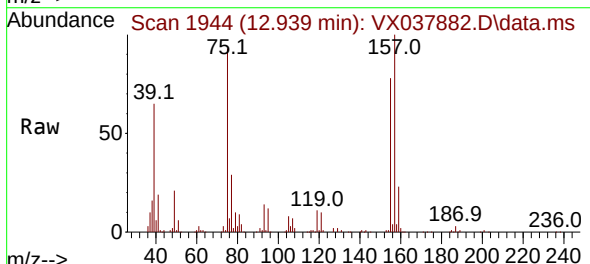
Reviewed By :John Carlone 09/26/2023

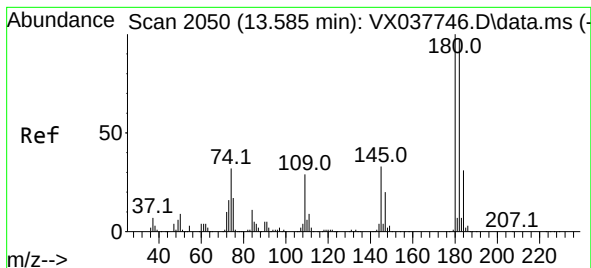
Supervised By :Semsettin Yesilyurt 09/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.656 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

Tgt Ion: 75 Resp: 57928
Ion Ratio Lower Upper
75 100
155 88.3 36.1 108.5
157 116.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 54.334 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

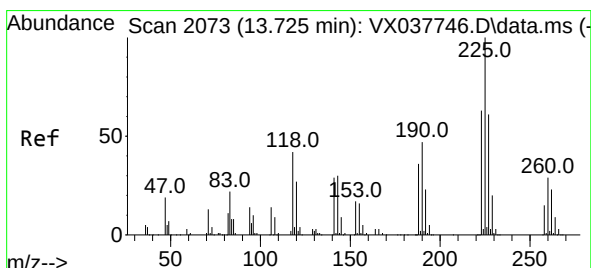
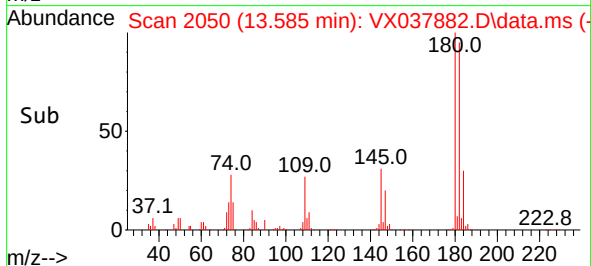
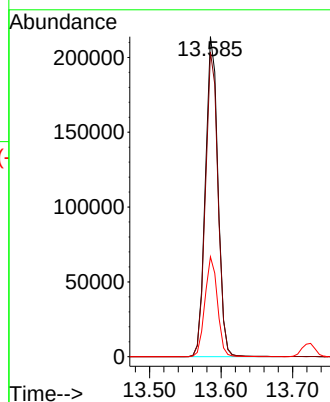
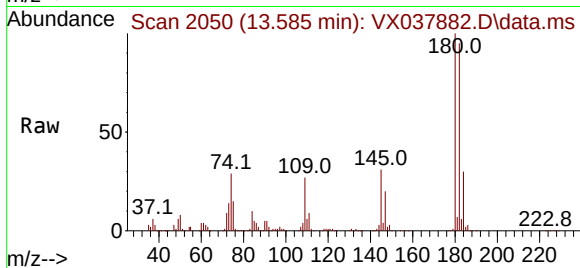
Tgt Ion:180	Resp: 26141
Ion Ratio	Lower Upper
180 100	
182 95.4	48.3 144.8
145 31.0	18.0 54.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/26/2023



#94

Hexachlorobutadiene

Concen: 54.492 ug/l

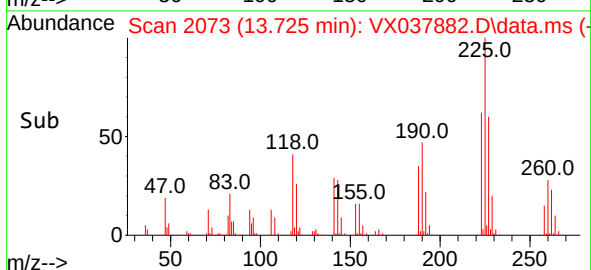
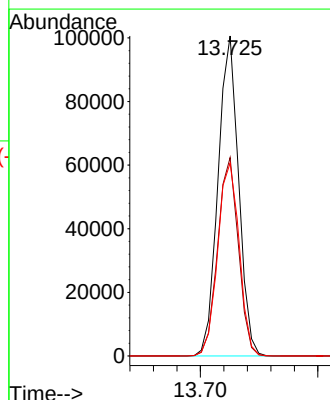
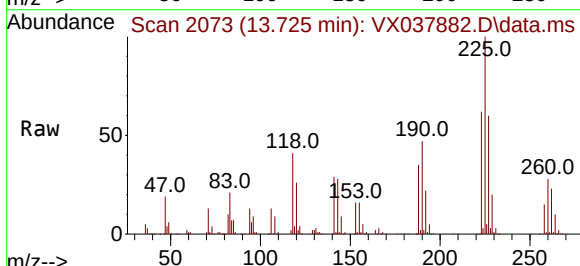
RT: 13.725 min Scan# 2073

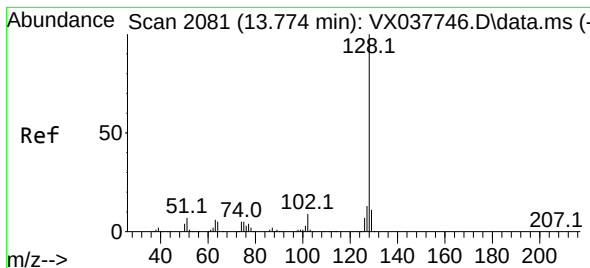
Delta R.T. 0.000 min

Lab File: VX037882.D

Acq: 25 Sep 2023 09:19

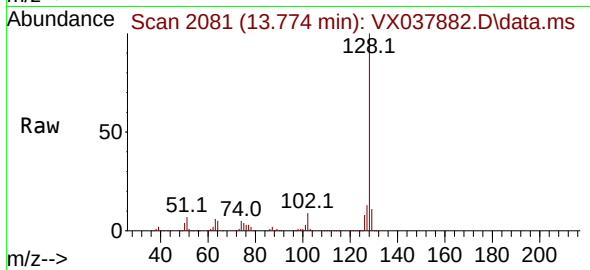
Tgt Ion:225	Resp: 122431
Ion Ratio	Lower Upper
225 100	
223 62.3	31.1 93.2
227 62.8	32.5 97.5





#95
Naphthalene
Concen: 48.830 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19

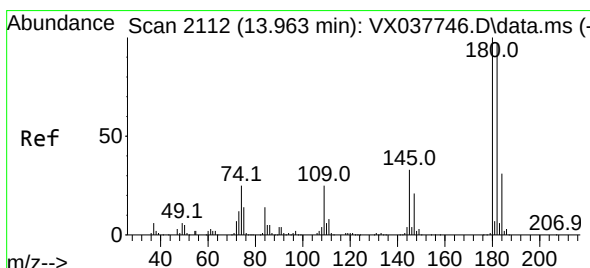
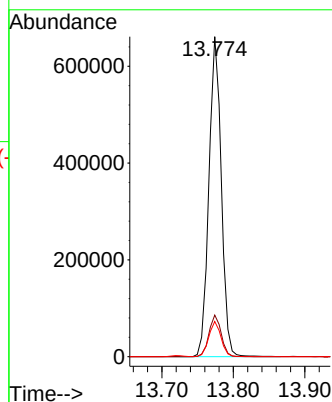
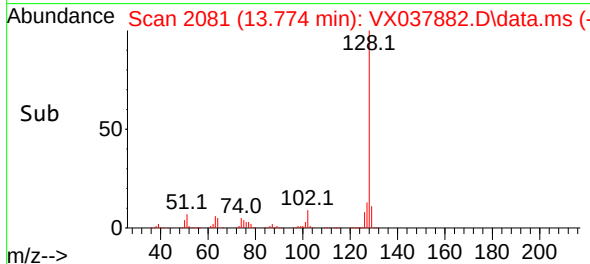
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



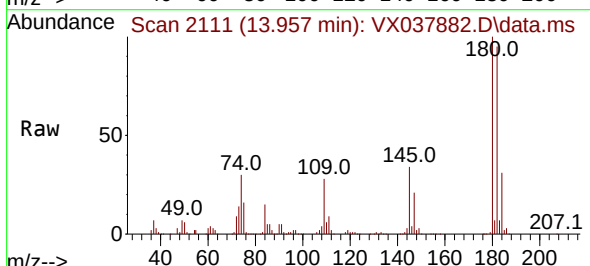
Tgt Ion:128 Resp: 794539
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.380 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX037882.D
Acq: 25 Sep 2023 09:19



Tgt Ion:180 Resp: 254394
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 33.1 17.8 53.5

