

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034737.D
 Acq On : 27 Mar 2023 09:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 27 16:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	337301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	553474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	495880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	234274	47.742	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.480%		
35) Dibromofluoromethane	5.379	113	179844	49.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.420%		
50) Toluene-d8	8.647	98	638321	46.792	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.580%		
62) 4-Bromofluorobenzene	11.079	95	265540	48.191	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	190616	60.619	ug/l	100
3) Chloromethane	1.294	50	210458	44.027	ug/l	98
4) Vinyl Chloride	1.374	62	207323	48.421	ug/l	97
5) Bromomethane	1.618	94	124902	57.817	ug/l	96
6) Chloroethane	1.691	64	113541	46.057	ug/l	99
7) Trichlorofluoromethane	1.886	101	298270	46.362	ug/l	99
8) Diethyl Ether	2.130	74	115291	49.090	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	179471	47.867	ug/l	99
10) Methyl Iodide	2.453	142	228747	46.469	ug/l	94
11) Tert butyl alcohol	2.983	59	189987	185.923	ug/l	99
12) 1,1-Dichloroethene	2.319	96	169372	45.869	ug/l	94
13) Acrolein	2.233	56	165443	204.658	ug/l	99
14) Allyl chloride	2.666	41	340849	45.531	ug/l	98
15) Acrylonitrile	3.062	53	496341	224.854	ug/l	99
16) Acetone	2.386	43	464826	201.096	ug/l	96
17) Carbon Disulfide	2.514	76	421865	40.597	ug/l	98
18) Methyl Acetate	2.703	43	362224	47.959	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	638266	48.276	ug/l	97
20) Methylene Chloride	2.788	84	192426	42.894	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	183887	46.892	ug/l	99
22) Diisopropyl ether	3.751	45	658950	46.167	ug/l	94
23) Vinyl Acetate	3.715	43	2466226	227.035	ug/l	99
24) 1,1-Dichloroethane	3.605	63	359134	46.808	ug/l	98
25) 2-Butanone	4.550	43	725157	219.254	ug/l	98
26) 2,2-Dichloropropane	4.471	77	321561	48.215	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	215335	45.615	ug/l	97
28) Bromochloromethane	4.897	49	157924	44.268	ug/l	98
29) Tetrahydrofuran	5.001	42	454833	222.865	ug/l	99
30) Chloroform	5.086	83	364176	48.422	ug/l	98
31) Cyclohexane	5.471	56	318790	46.323	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	328228	49.298	ug/l	99
36) 1,1-Dichloropropene	5.690	75	273252	48.684	ug/l	99
37) Ethyl Acetate	4.708	43	280438	45.735	ug/l	99
38) Carbon Tetrachloride	5.678	117	286584	51.325	ug/l	100
39) Methylcyclohexane	7.379	83	320554	47.723	ug/l	95
40) Benzene	6.031	78	767074	46.717	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	163048	48.520	ug/l	97
42) 1,2-Dichloroethane	6.080	62	308631	51.145	ug/l	100
43) Isopropyl Acetate	6.330	43	480578	46.264	ug/l	99
44) Trichloroethene	7.123	130	204738	47.991	ug/l	98
45) 1,2-Dichloropropane	7.428	63	201383	46.973	ug/l	99
46) Dibromomethane	7.580	93	138863	47.643	ug/l	98
47) Bromodichloromethane	7.818	83	282464	50.073	ug/l	97
48) Methyl methacrylate	7.690	41	241520	48.343	ug/l	99
49) 1,4-Dioxane	7.696	88	83744	798.070	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	1392572	231.095	ug/l	99
52) Toluene	8.714	92	491279	48.328	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	318534	50.123	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	336949	49.007	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	196145	48.619	ug/l	98
56) Ethyl methacrylate	9.116	69	323369	48.819	ug/l	97
57) 1,3-Dichloropropane	9.305	76	345715	48.216	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	711772	208.507	ug/l	97
59) 2-Hexanone	9.427	43	1085601	233.053	ug/l	99
60) Dibromochloromethane	9.519	129	211658	50.024	ug/l	100
61) 1,2-Dibromoethane	9.610	107	209308	48.079	ug/l	99
64) Tetrachloroethene	9.269	164	176813	53.081	ug/l	96
65) Chlorobenzene	10.079	112	523122	48.081	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	201167	50.766	ug/l	99
67) Ethyl Benzene	10.195	91	959303	49.251	ug/l	98
68) m/p-Xylenes	10.299	106	734664	98.188	ug/l	100
69) o-Xylene	10.640	106	360754	48.045	ug/l	99
70) Styrene	10.653	104	606673	50.078	ug/l	99
71) Bromoform	10.799	173	149956	49.162	ug/l	100
73) Isopropylbenzene	10.963	105	947504	48.375	ug/l	100
74) N-amyl acetate	10.842	43	425548	45.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	295371	45.191	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	252293m	43.357	ug/l	
77) Bromobenzene	11.195	156	224296	47.730	ug/l	98
78) n-propylbenzene	11.305	91	1108853	49.020	ug/l	100
79) 2-Chlorotoluene	11.366	91	673138	48.183	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	815353	49.630	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	96669	44.943	ug/l	98
82) 4-Chlorotoluene	11.451	91	780628	48.511	ug/l	99
83) tert-Butylbenzene	11.713	119	793793	47.922	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	819607	48.815	ug/l	99
85) sec-Butylbenzene	11.890	105	972473	48.022	ug/l	100
86) p-Isopropyltoluene	12.006	119	843547	49.564	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	434953	47.239	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	436768	46.913	ug/l	99
89) n-Butylbenzene	12.329	91	722440	47.749	ug/l	99
90) Hexachloroethane	12.536	117	144210	45.792	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	425040	47.767	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	67443	45.417	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	269205	48.379	ug/l	98
94) Hexachlorobutadiene	13.725	225	111884	49.909	ug/l	99
95) Naphthalene	13.774	128	890754	47.737	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	268160	49.300	ug/l	99

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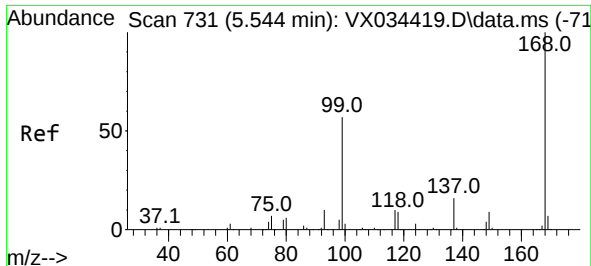
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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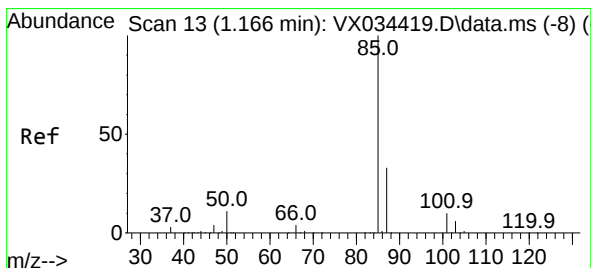
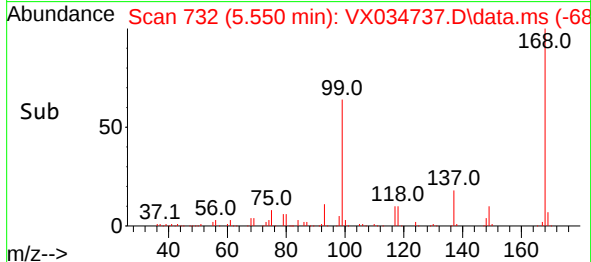
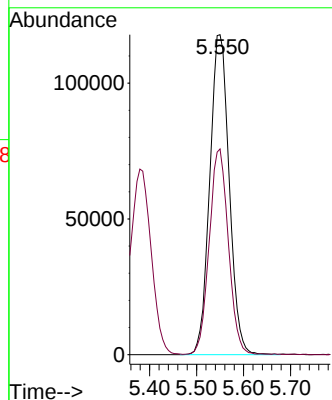
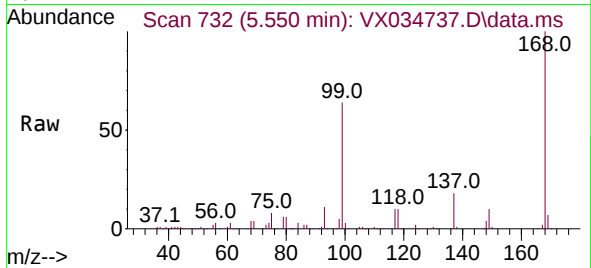
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 33730
Ion Ratio Lower Upper
168 100
99 64.2 45.7 68.5

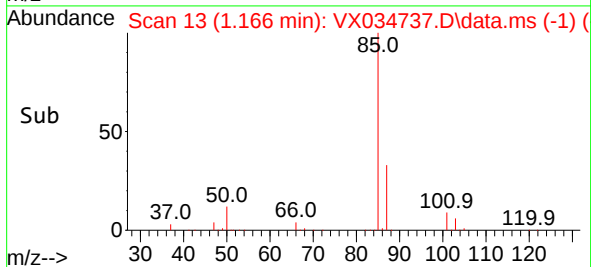
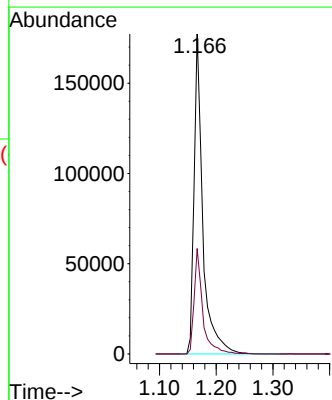
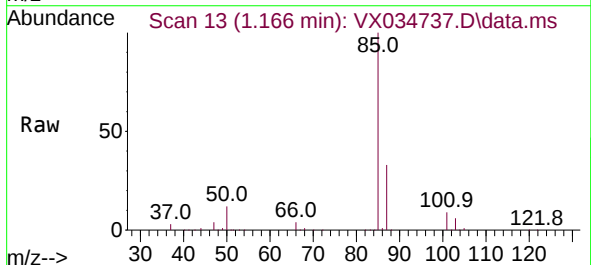
Manual Integrations
APPROVED

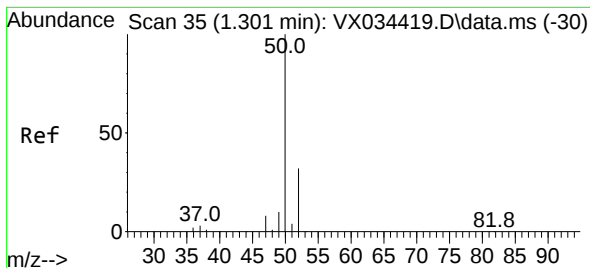
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#2
Dichlorodifluoromethane
Concen: 60.619 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Tgt Ion: 85 Resp: 190616
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.1





#3

Chloromethane

Concen: 44.027 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 210458

Ion Ratio Lower Upper

50 100

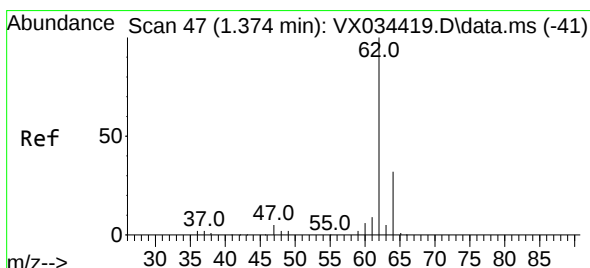
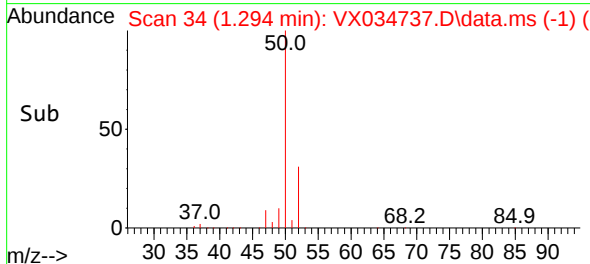
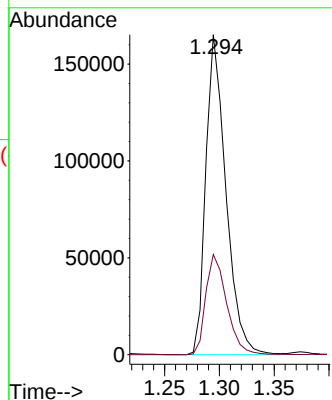
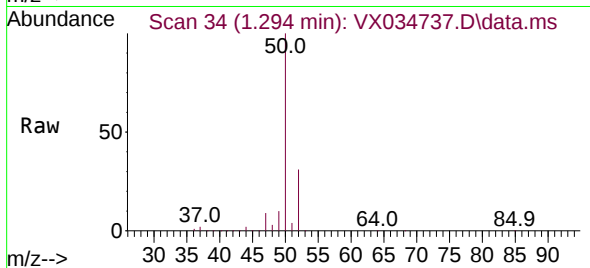
52 31.3 25.9 38.9

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 48.421 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034737.D

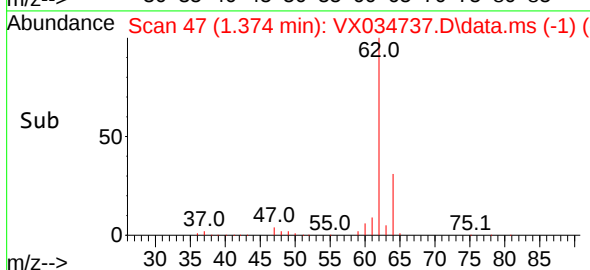
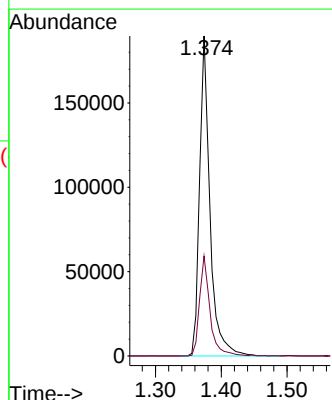
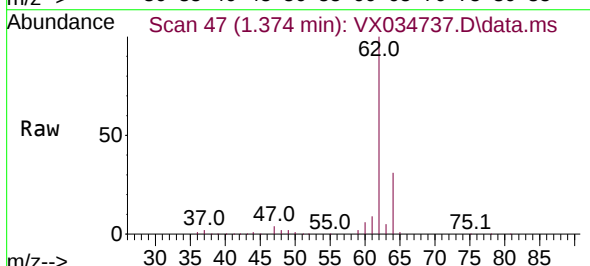
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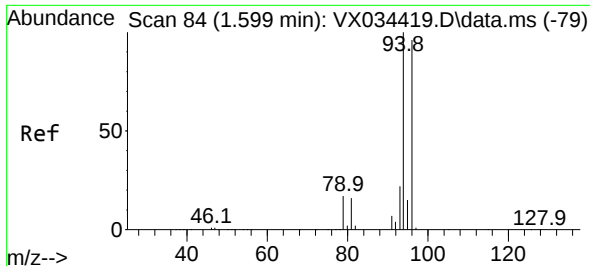
Tgt Ion: 62 Resp: 207323

Ion Ratio Lower Upper

62 100

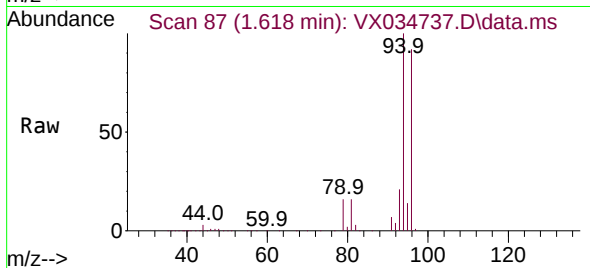
64 31.2 26.4 39.6





#5
Bromomethane
Concen: 57.817 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

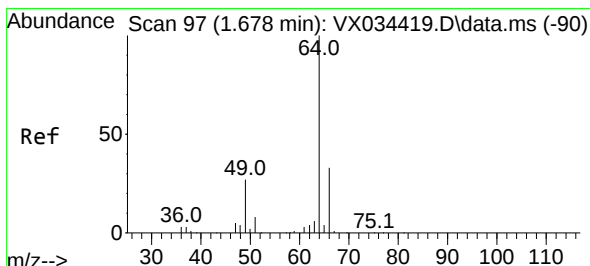
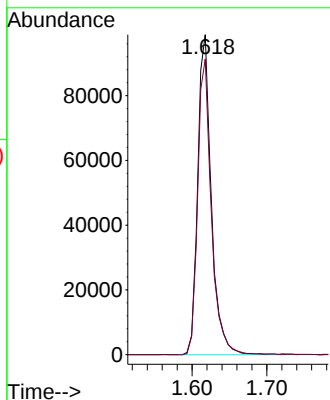
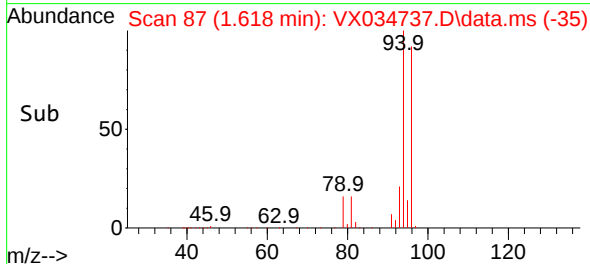
Instrument :
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Tgt Ion: 94 Resp: 124902
Ion Ratio Lower Upper
94 100
96 92.4 77.0 115.6

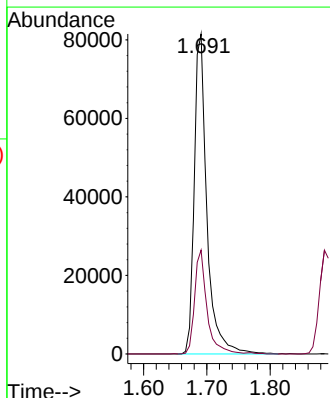
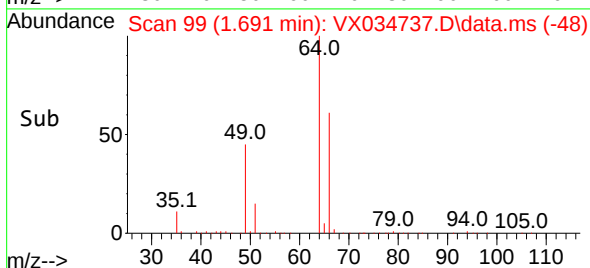
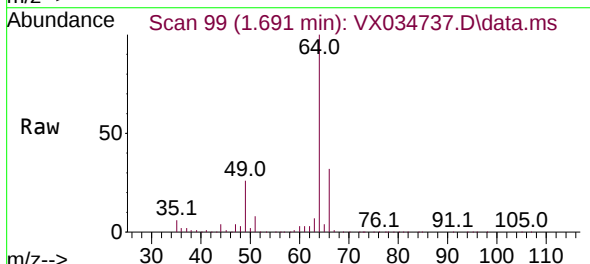
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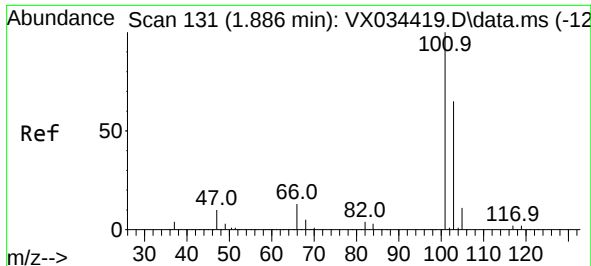
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#6
Chloroethane
Concen: 46.057 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Tgt Ion: 64 Resp: 113541
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





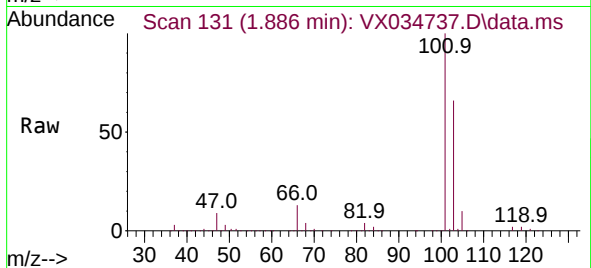
#7
 Trichlorofluoromethane
 Concen: 46.362 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034737.D
 Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



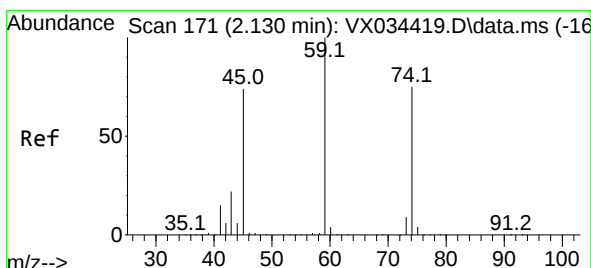
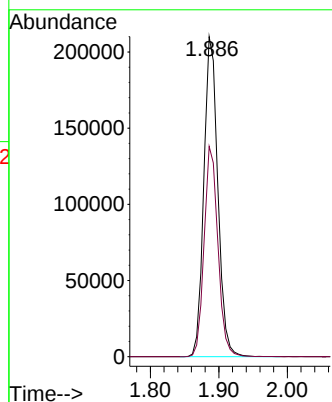
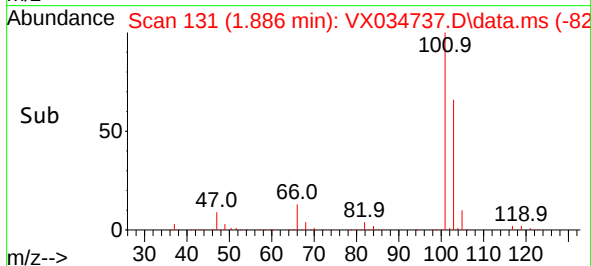
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 Ion Ratio Lower Upper
 101 100
 103 65.7 52.0 78.0

Manual Integrations

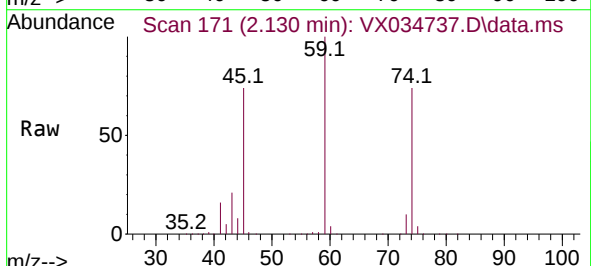
APPROVED

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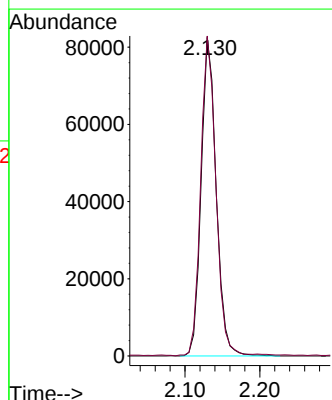
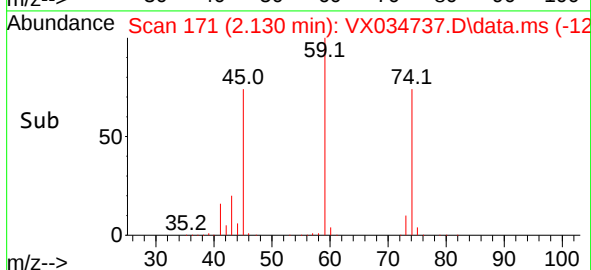
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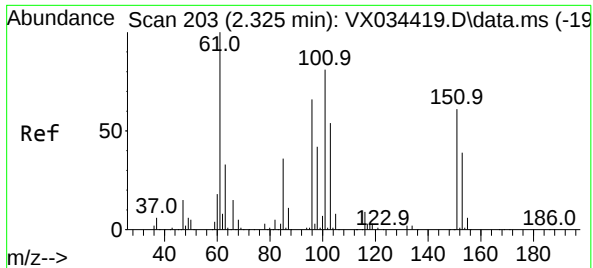


#8
 Diethyl Ether
 Concen: 49.090 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX034737.D
 Acq: 27 Mar 2023 09:23



Tgt Ion: 74 Resp: 115291
 Ion Ratio Lower Upper
 74 100
 45 101.3 49.8 149.3





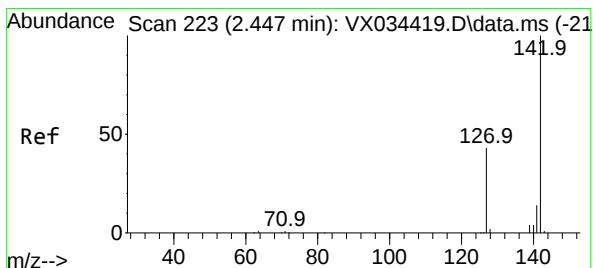
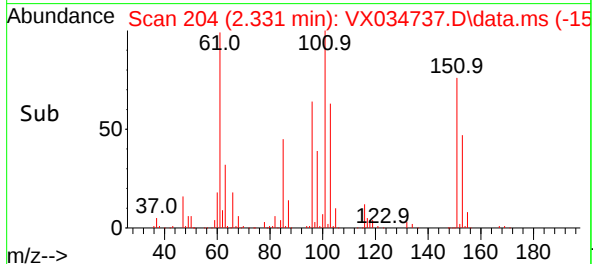
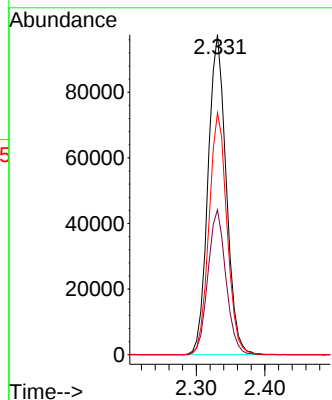
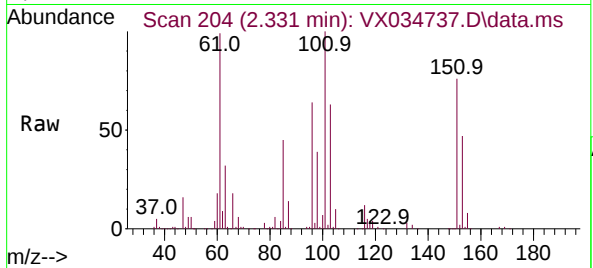
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.867 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 17947
Ion Ratio Lower Upper
101 100
85 44.9 35.4 53.2
151 74.8 60.2 90.4

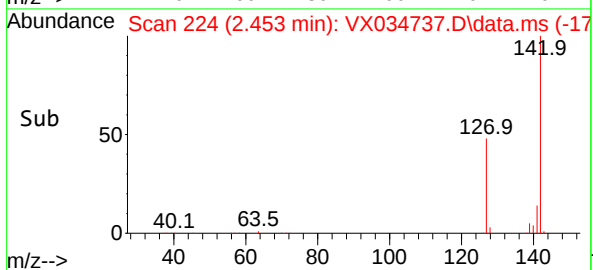
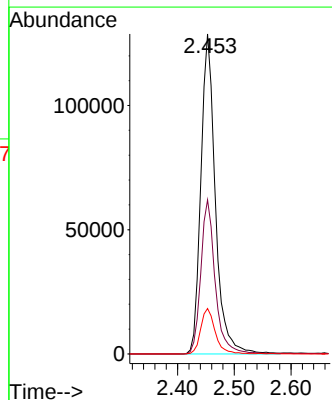
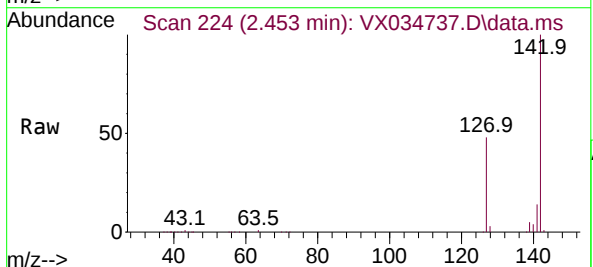
Manual Integrations
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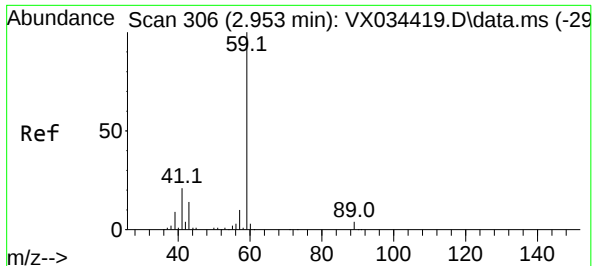
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#10
Methyl Iodide
Concen: 46.469 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Tgt Ion:142 Resp: 228747
Ion Ratio Lower Upper
142 100
127 47.8 34.0 51.0
141 14.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 185.923 ug/l

RT: 2.983 min Scan# 311

Delta R.T. 0.031 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 18998

Ion Ratio Lower Upper

59 100

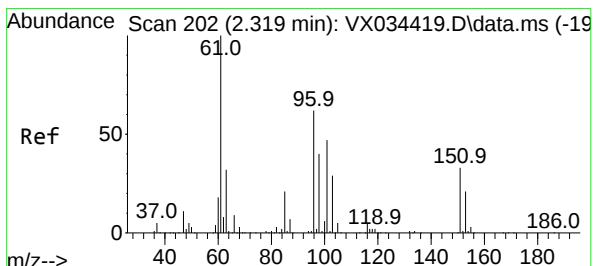
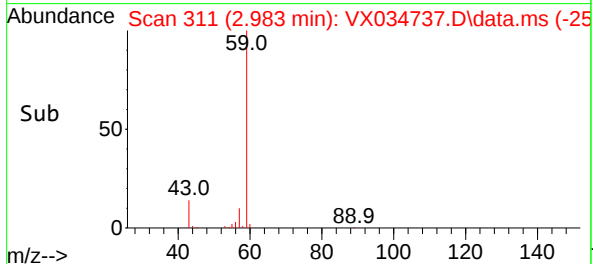
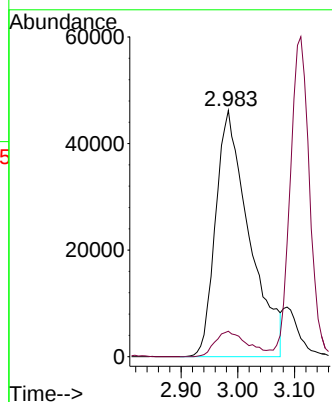
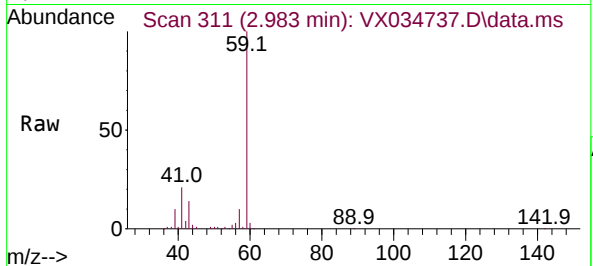
57 9.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#12

1,1-Dichloroethene

Concen: 45.869 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

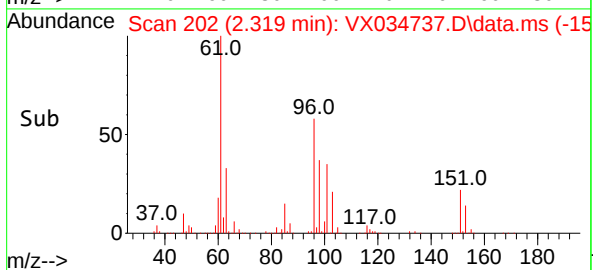
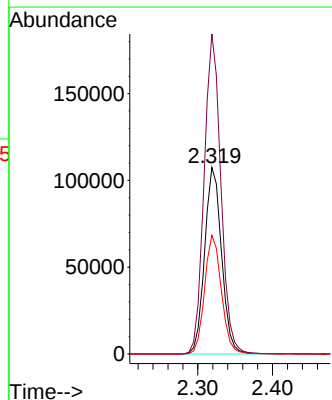
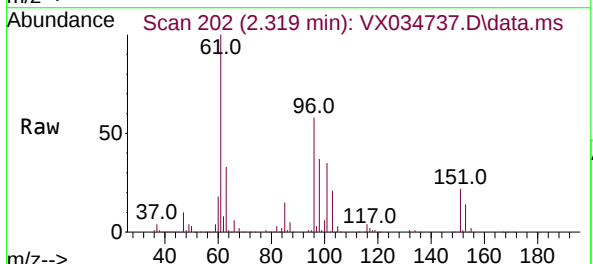
Tgt Ion: 96 Resp: 169372

Ion Ratio Lower Upper

96 100

61 171.5 128.8 193.2

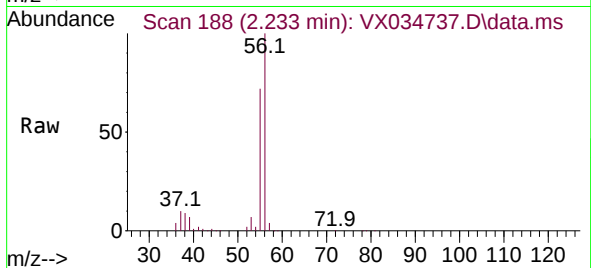
98 63.6 51.4 77.0





#13
Acrolein
Concen: 204.658 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

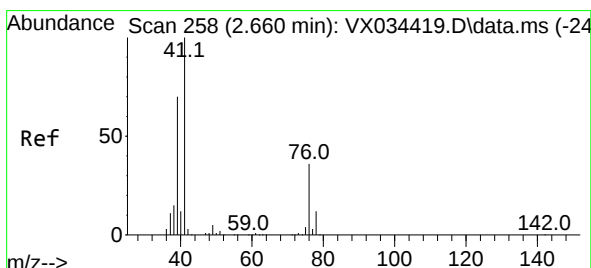
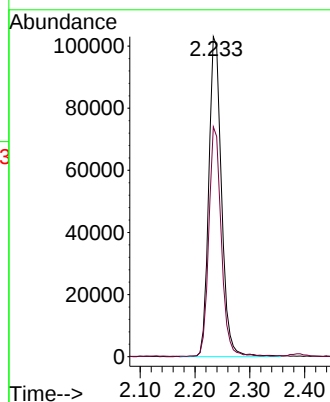
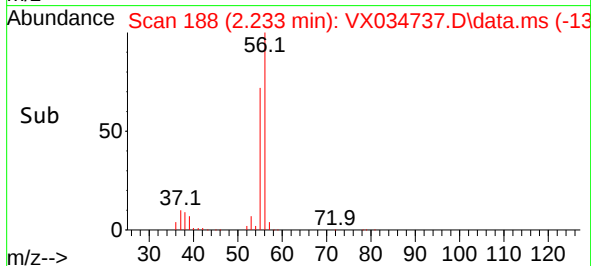
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 16544
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0

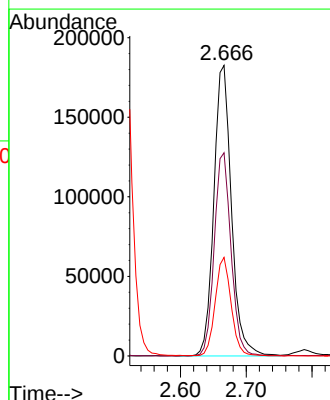
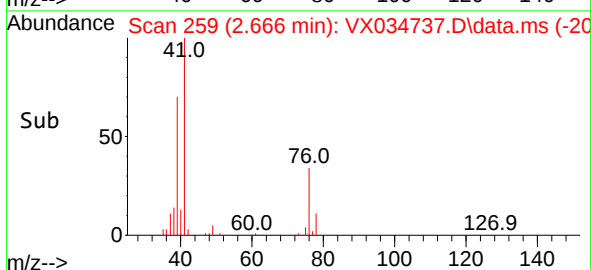
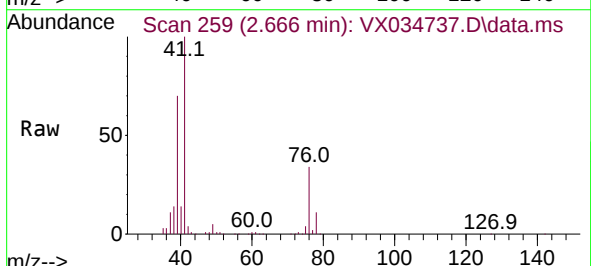
Manual Integrations
APPROVED

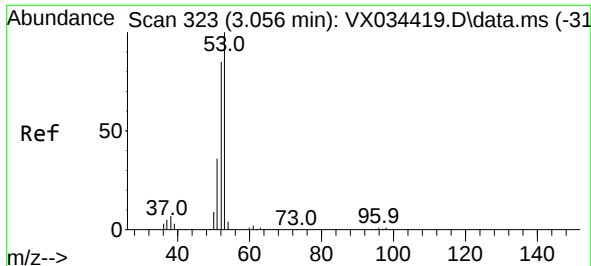
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#14
Allyl chloride
Concen: 45.531 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

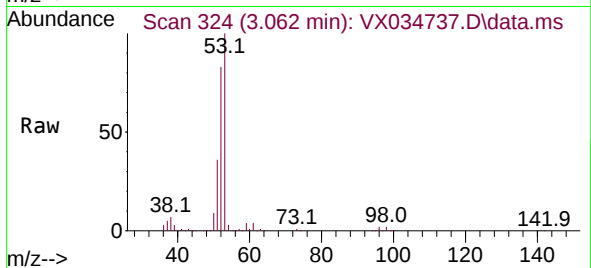
Tgt Ion: 41 Resp: 340849
Ion Ratio Lower Upper
41 100
39 66.6 52.4 78.6
76 30.8 26.0 39.0





#15
Acrylonitrile
Concen: 224.854 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

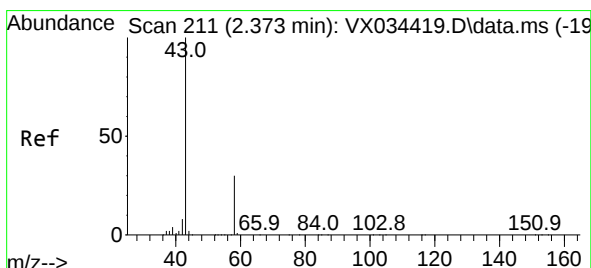
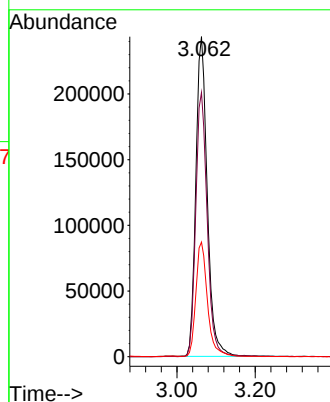
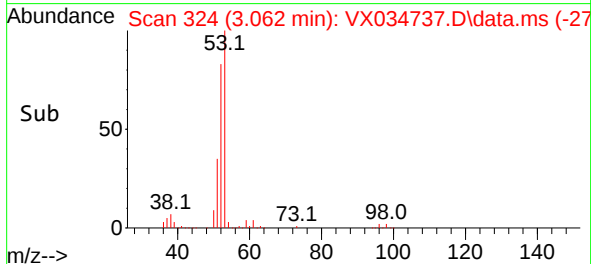
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



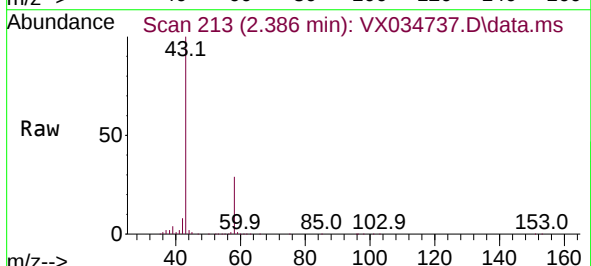
Tgt Ion: 53 Resp: 49634
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 36.1 28.3 42.5

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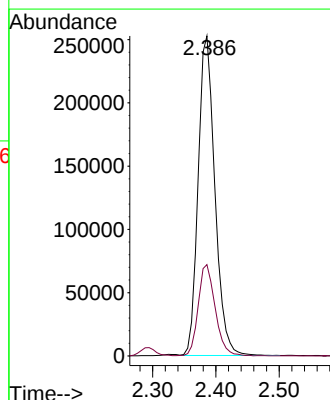
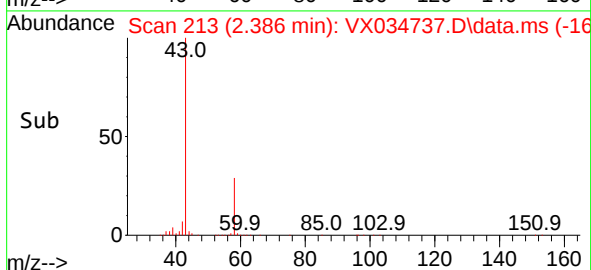
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

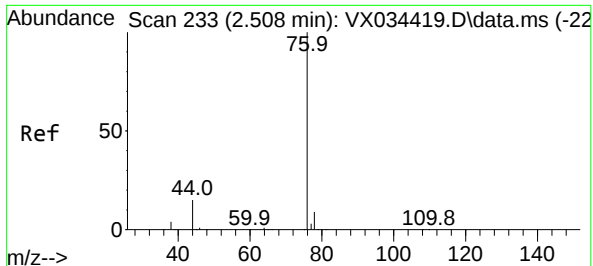


#16
Acetone
Concen: 201.096 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23



Tgt Ion: 43 Resp: 464826
Ion Ratio Lower Upper
43 100
58 28.5 24.7 37.1





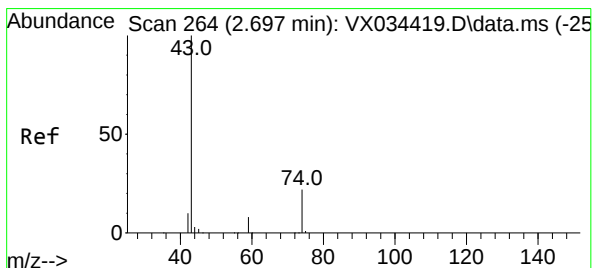
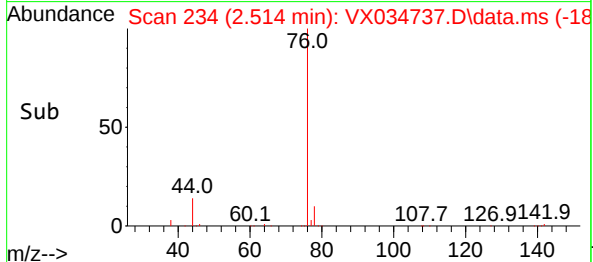
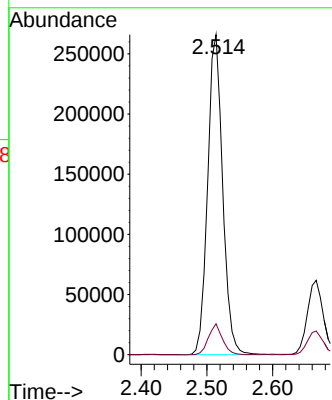
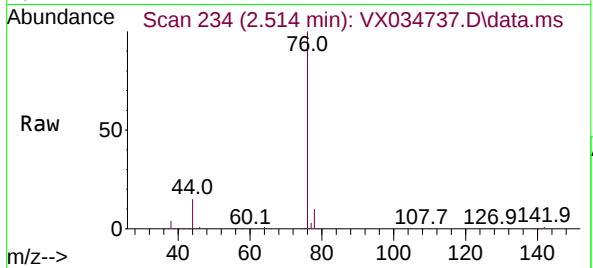
#17
Carbon Disulfide
Concen: 40.597 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 42186
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

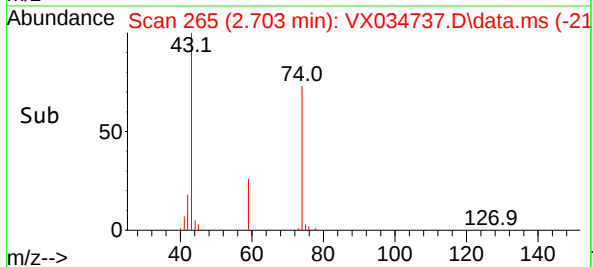
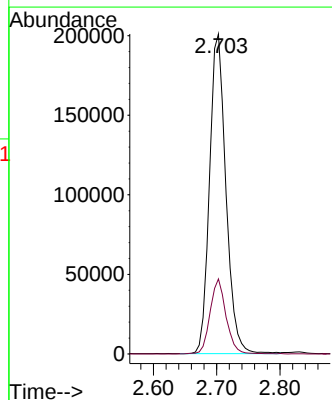
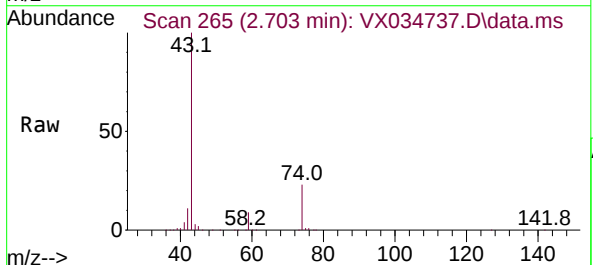
Manual Integrations
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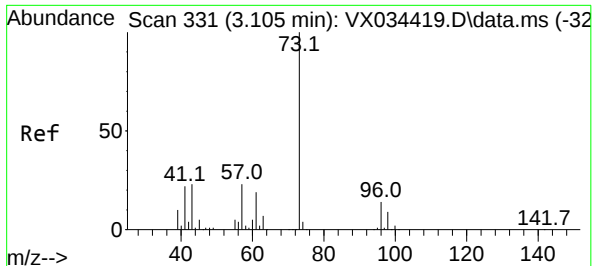
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#18
Methyl Acetate
Concen: 47.959 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Tgt Ion: 43 Resp: 362224
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5





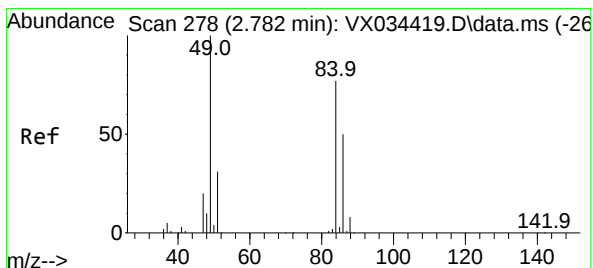
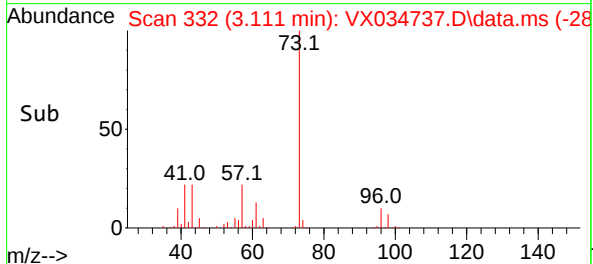
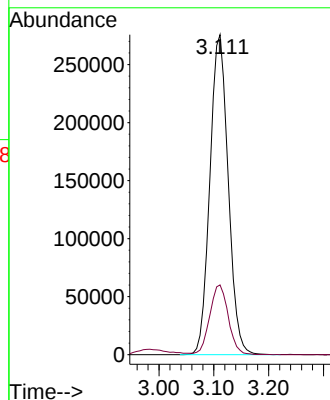
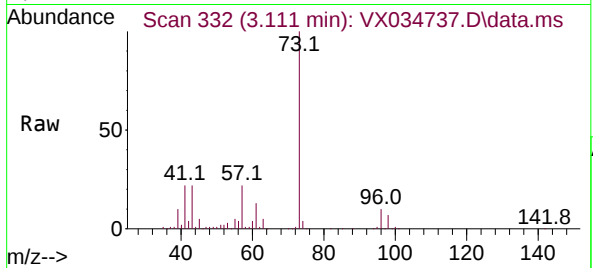
#19
Methyl tert-butyl Ether
Concen: 48.276 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 638260
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7

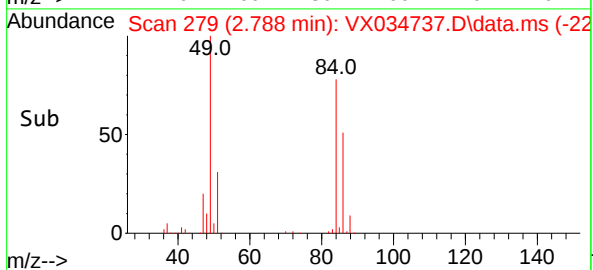
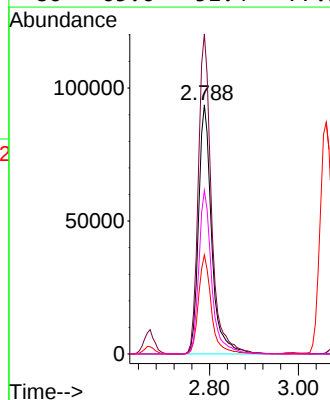
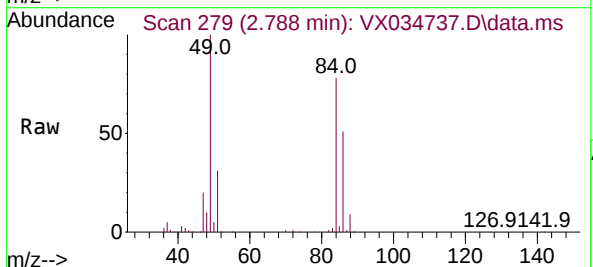
Manual Integrations
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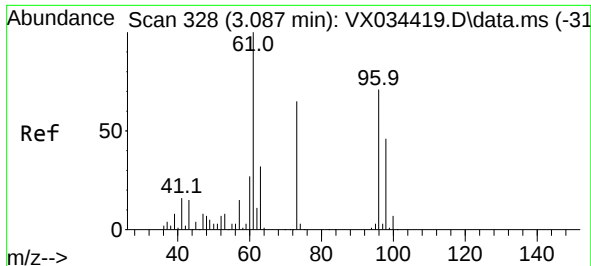
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#20
Methylene Chloride
Concen: 42.894 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

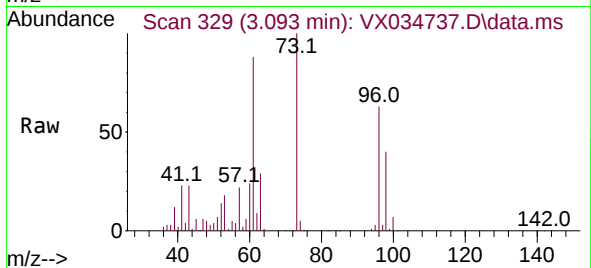
Tgt Ion: 84 Resp: 192426
Ion Ratio Lower Upper
84 100
49 128.5 103.8 155.8
51 39.8 31.8 47.8
86 65.6 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 46.892 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

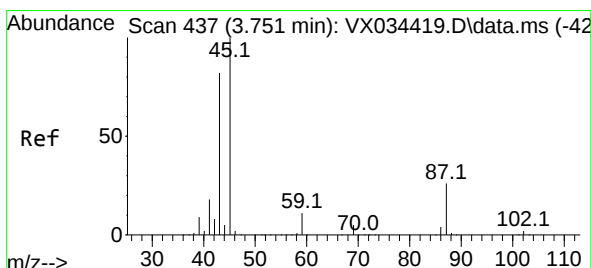
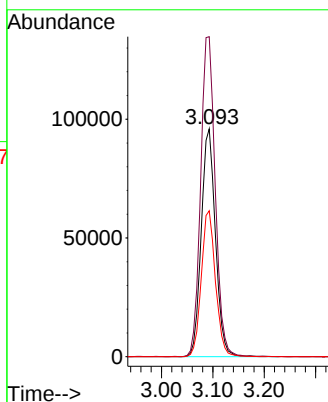
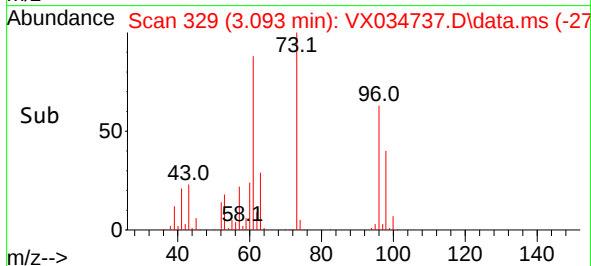
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 18388
Ion Ratio Lower Upper
96 100
61 140.4 113.0 169.6
98 64.1 52.1 78.1

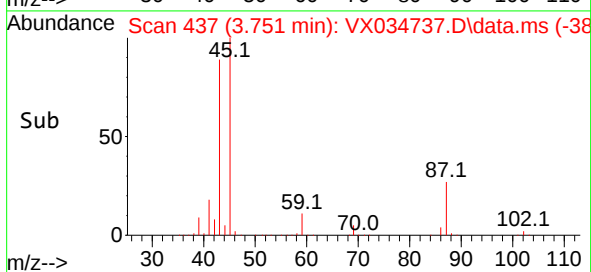
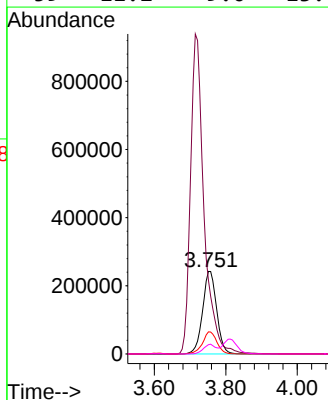
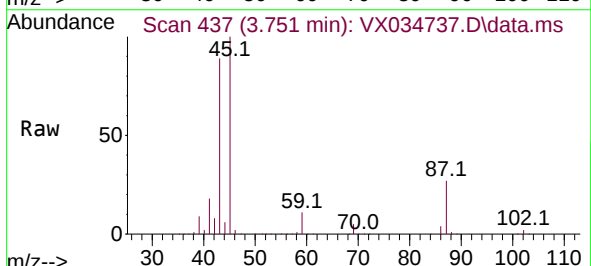
Manual Integrations
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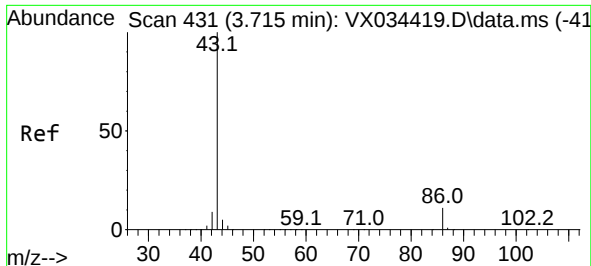
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#22
Diisopropyl ether
Concen: 46.167 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

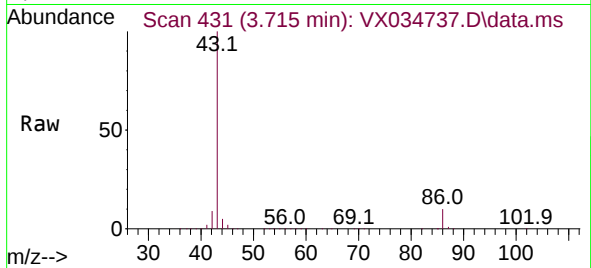
Tgt Ion: 45 Resp: 658950
Ion Ratio Lower Upper
45 100
43 89.2 65.4 98.2
87 26.8 20.6 31.0
59 11.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 227.035 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034737.D
 Acq: 27 Mar 2023 09:23

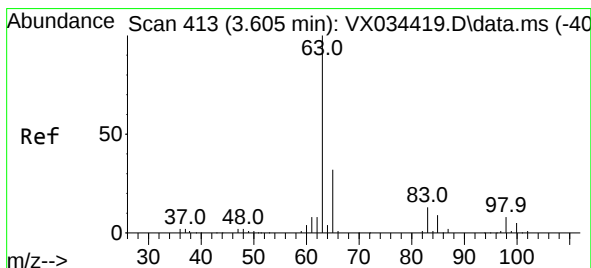
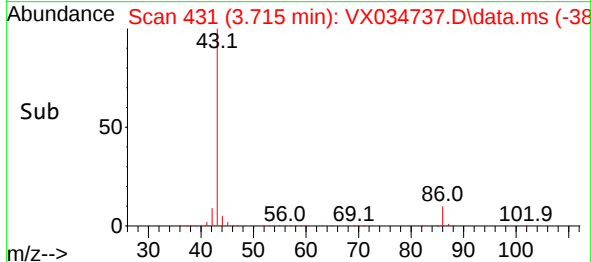
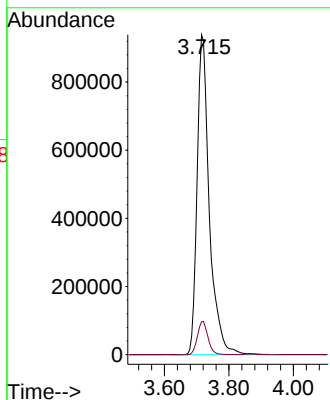
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 2466220
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

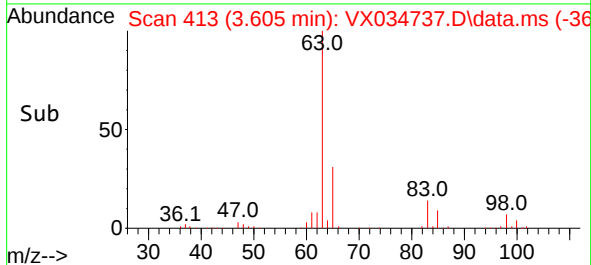
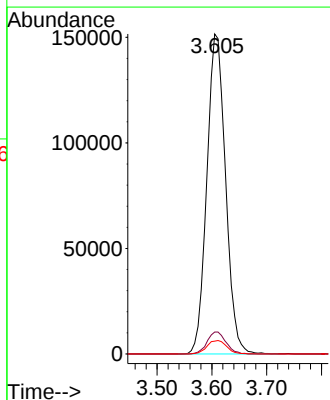
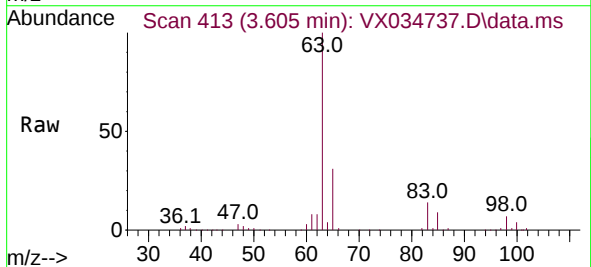
Manual Integrations
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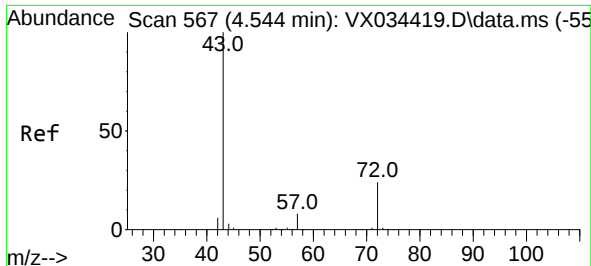
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023



#24
 1,1-Dichloroethane
 Concen: 46.808 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034737.D
 Acq: 27 Mar 2023 09:23

Tgt Ion: 63 Resp: 359134
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.0 2.4 7.1





#25

2-Butanone

Concen: 219.254 ug/l

RT: 4.550 min Scan# 568

Delta R.T. 0.006 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 72515

Ion Ratio Lower Upper

43 100

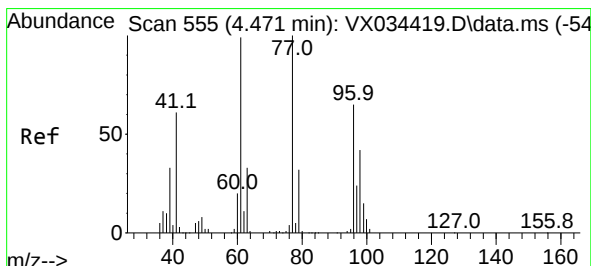
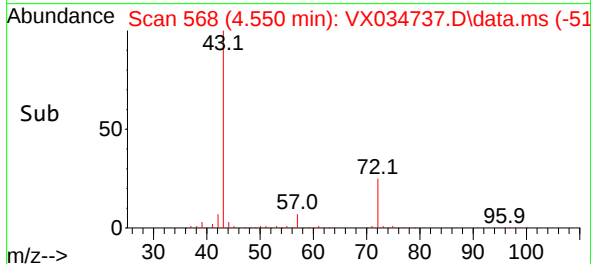
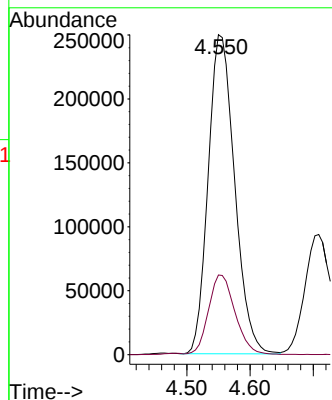
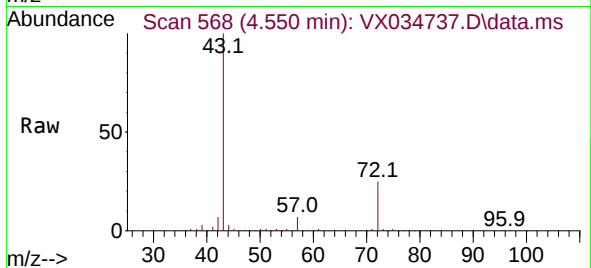
72 24.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#26

2,2-Dichloropropane

Concen: 48.215 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX034737.D

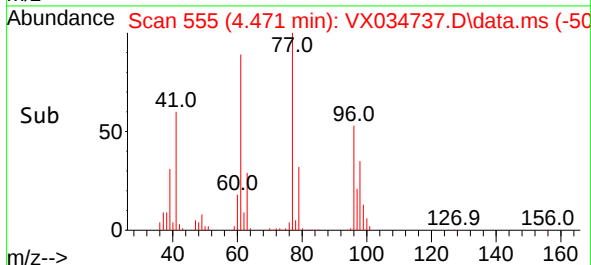
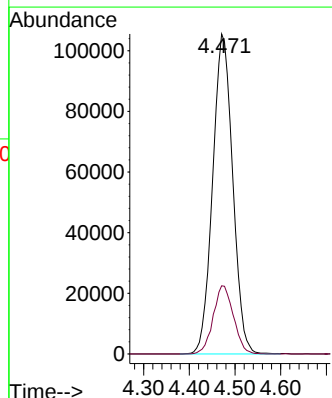
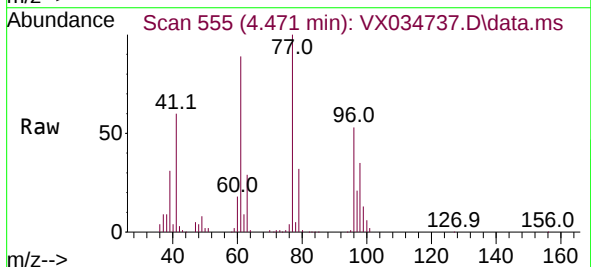
Acq: 27 Mar 2023 09:23

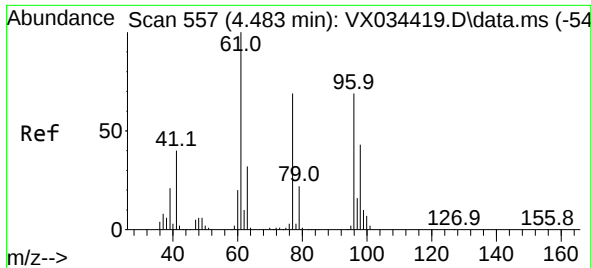
Tgt Ion: 77 Resp: 321561

Ion Ratio Lower Upper

77 100

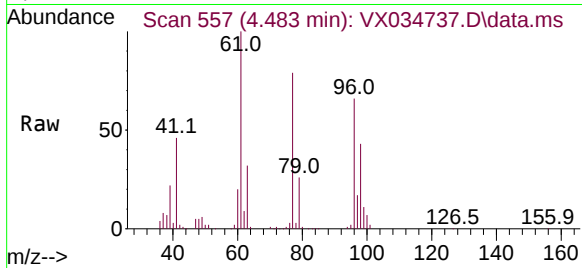
97 21.5 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 45.615 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX034737.D
 Acq: 27 Mar 2023 09:23

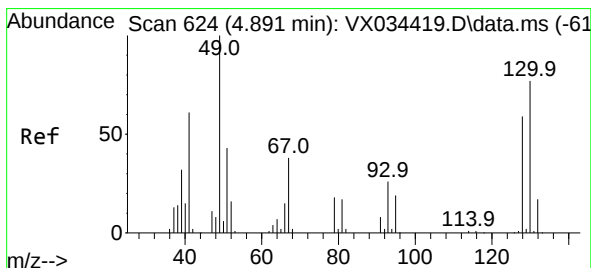
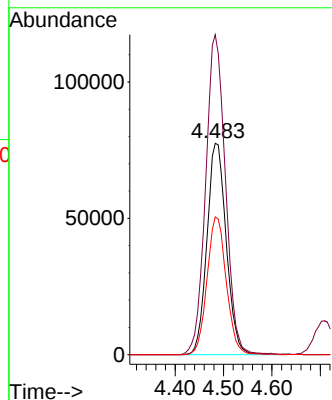
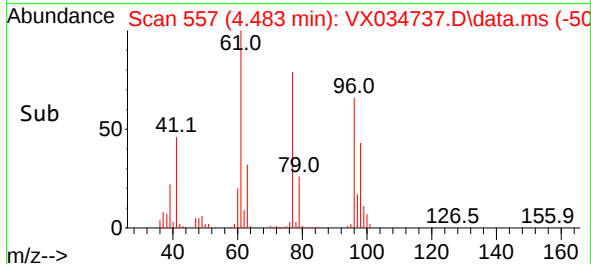
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



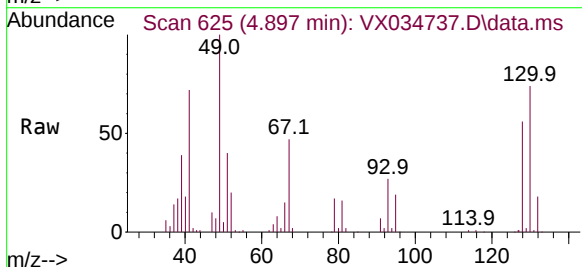
Tgt Ion: 96 Resp: 21533
 Ion Ratio Lower Upper
 96 100
 61 155.2 0.0 300.4
 98 64.7 0.0 129.0

Manual Integrations
 APPROVED

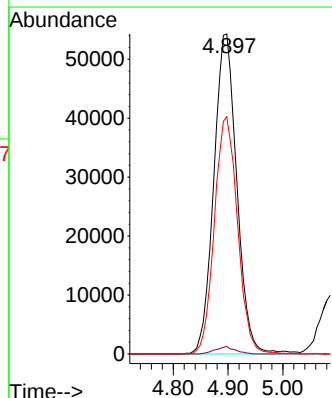
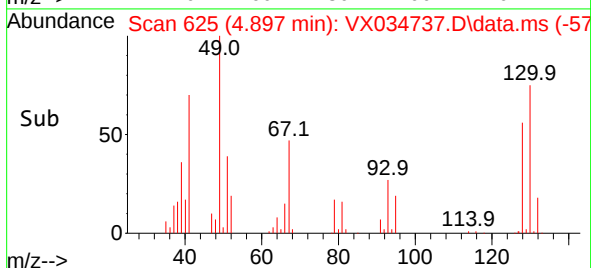
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023

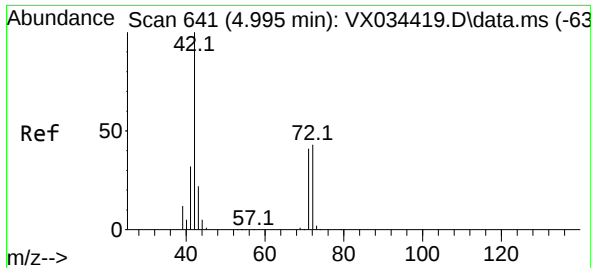


#28
 Bromochloromethane
 Concen: 44.268 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX034737.D
 Acq: 27 Mar 2023 09:23



Tgt Ion: 49 Resp: 157924
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 74.7 58.2 87.2





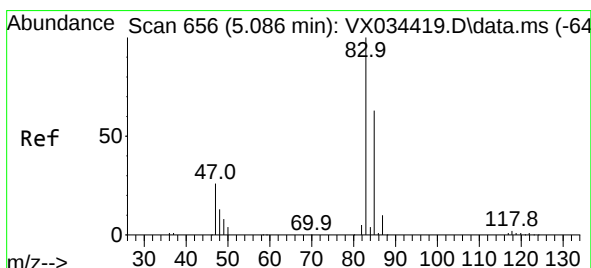
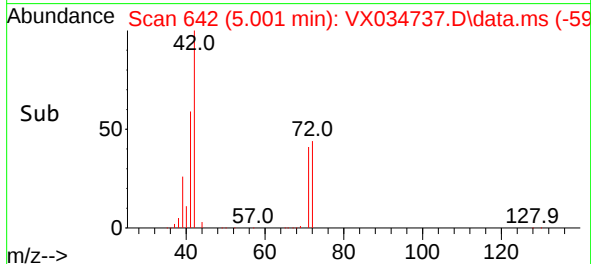
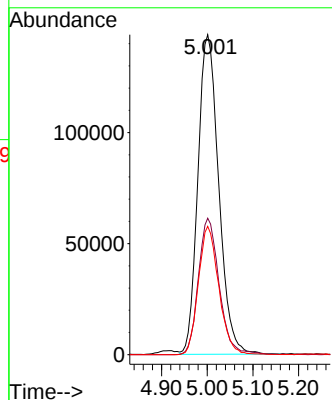
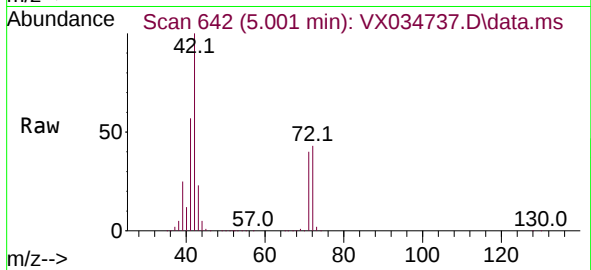
#29
Tetrahydrofuran
Concen: 222.865 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 45483
Ion Ratio Lower Upper
42 100
72 42.7 34.5 51.7
71 39.5 32.1 48.1

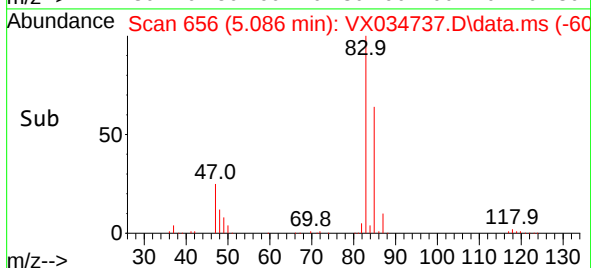
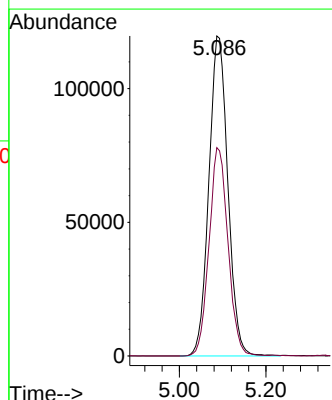
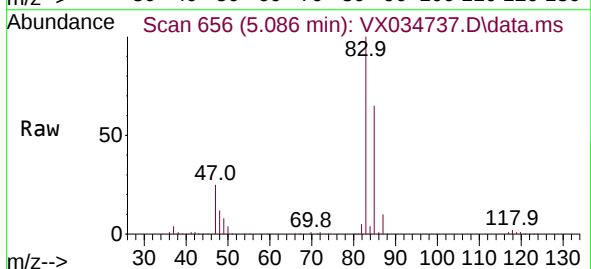
Manual Integrations
APPROVED

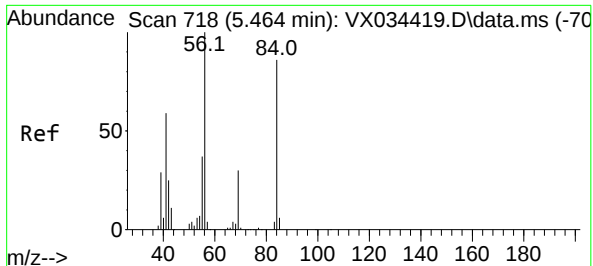
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#30
Chloroform
Concen: 48.422 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

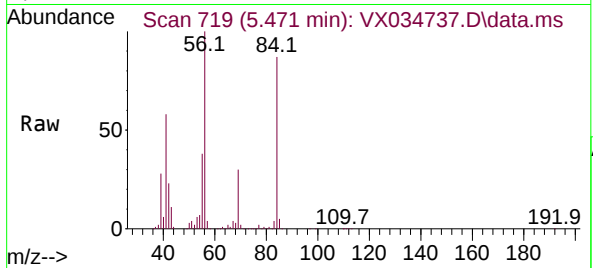
Tgt Ion: 83 Resp: 364176
Ion Ratio Lower Upper
83 100
85 65.1 50.6 76.0





#31
Cyclohexane
Concen: 46.323 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

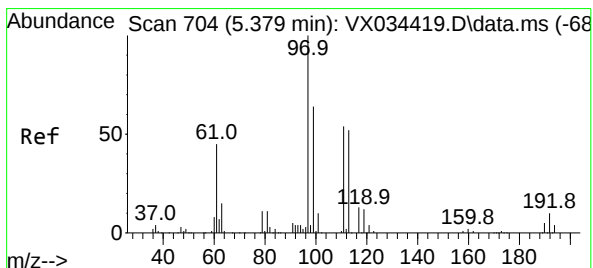
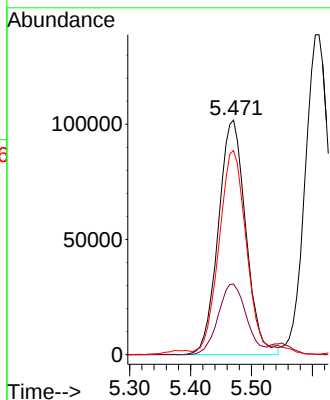
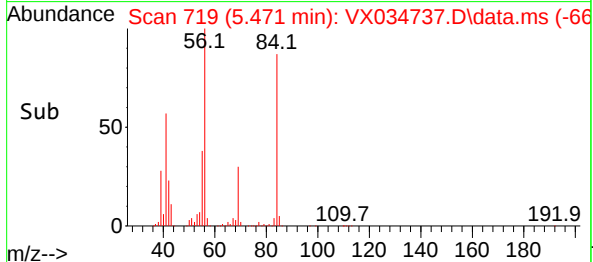
Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050



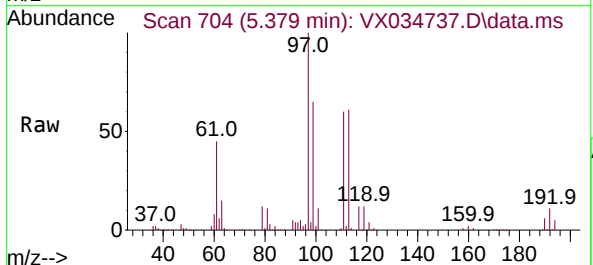
Tgt Ion: 56 Resp: 318790
Ion Ratio Lower Upper
56 100
69 30.1 23.7 35.5
84 85.3 68.5 102.7

Manual Integrations
APPROVED

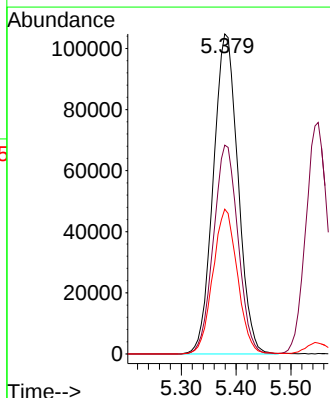
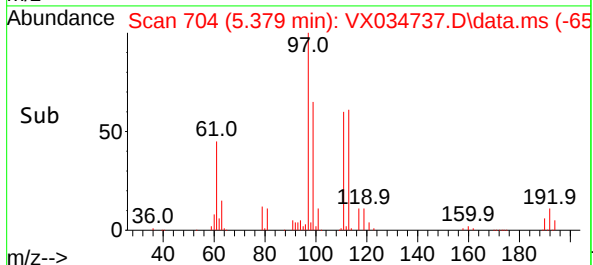
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

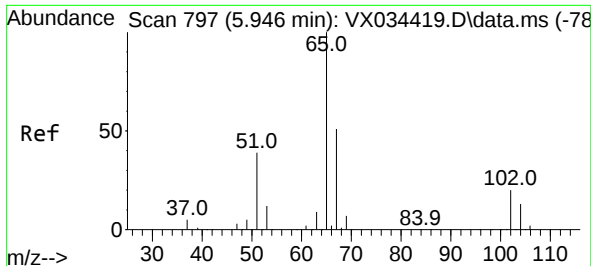


#32
1,1,1-Trichloroethane
Concen: 49.298 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23



Tgt Ion: 97 Resp: 328228
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 45.0 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.742 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 234274

Ion Ratio Lower Upper

65 100

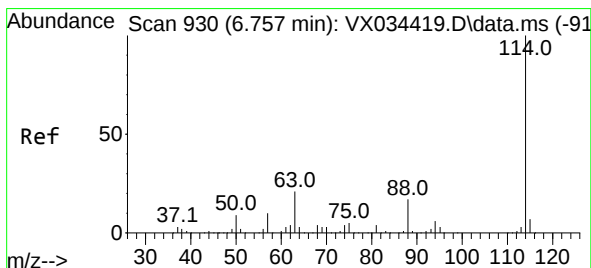
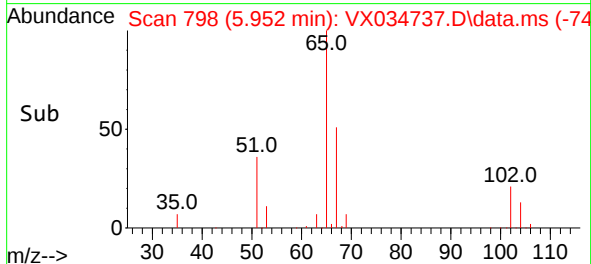
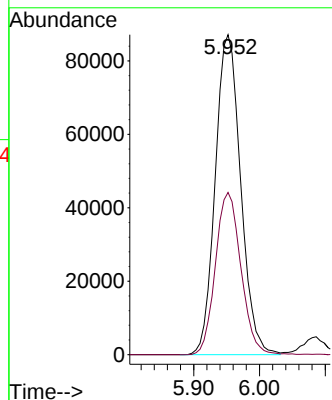
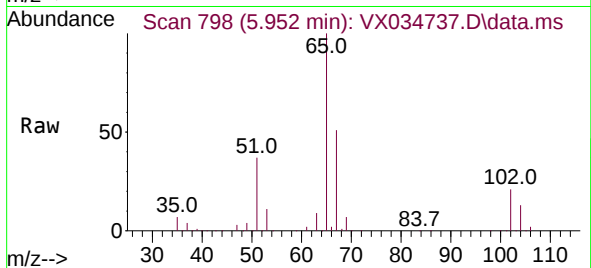
67 50.8 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

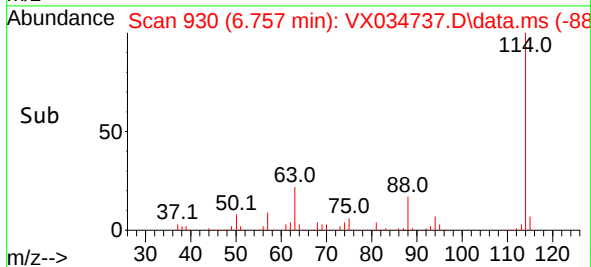
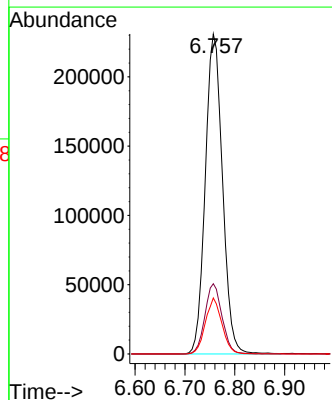
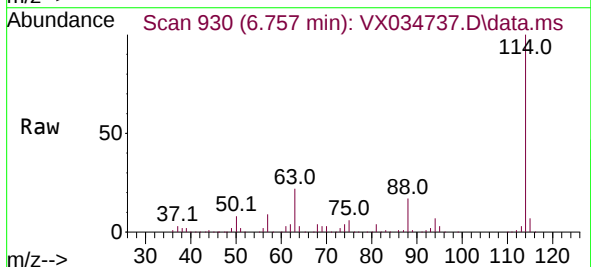
Tgt Ion:114 Resp: 553474

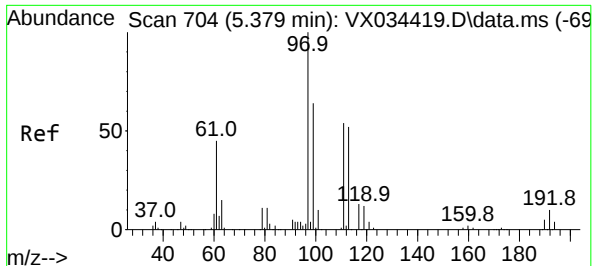
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.2

88 17.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.214 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX034737.D

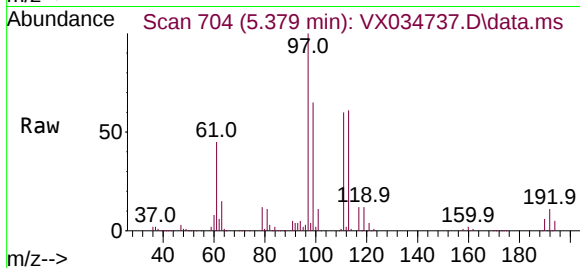
Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



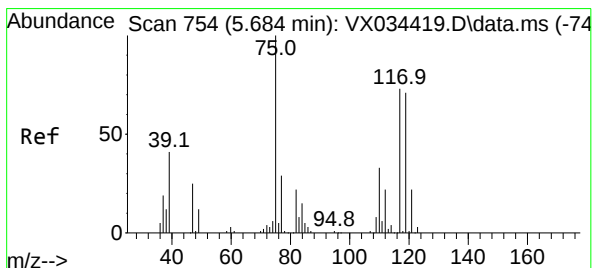
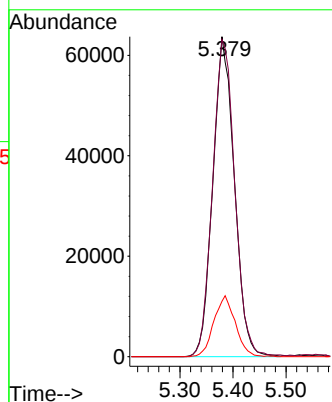
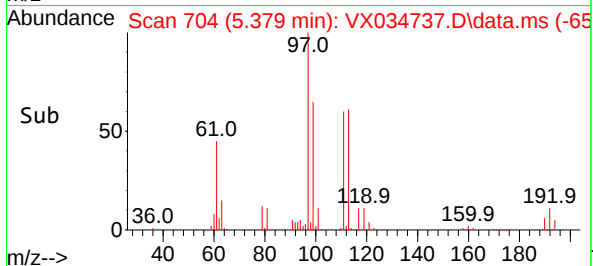
Tgt Ion:	113	Resp:	179844
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.7	125.5
192	19.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#36

1,1-Dichloropropene

Concen: 48.684 ug/l

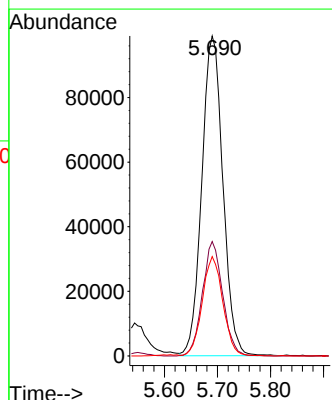
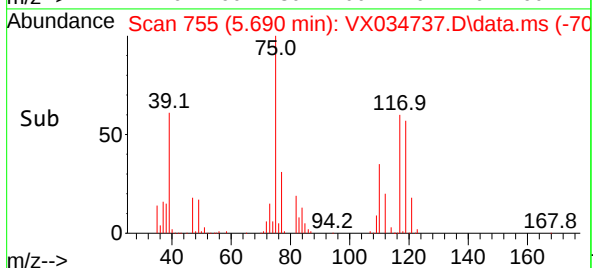
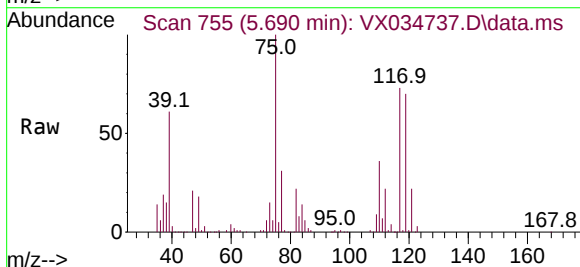
RT: 5.690 min Scan# 755

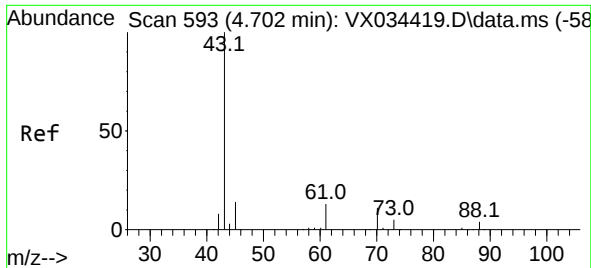
Delta R.T. 0.006 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Tgt Ion:	75	Resp:	273252
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.5	52.5
77	30.2	24.3	36.5





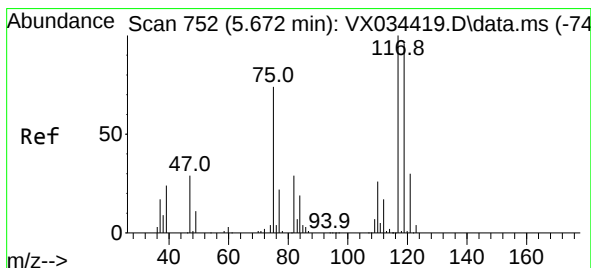
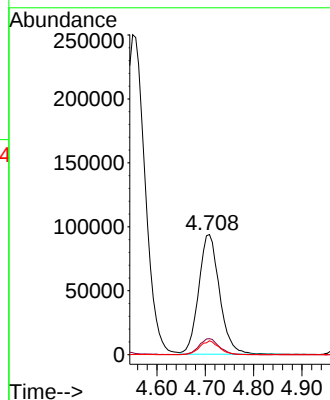
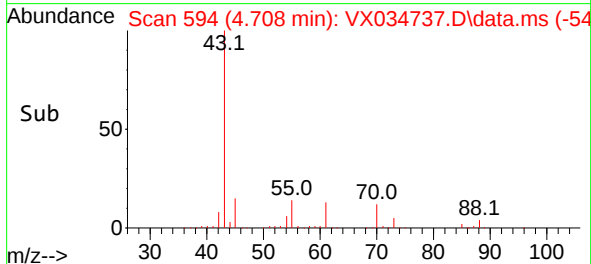
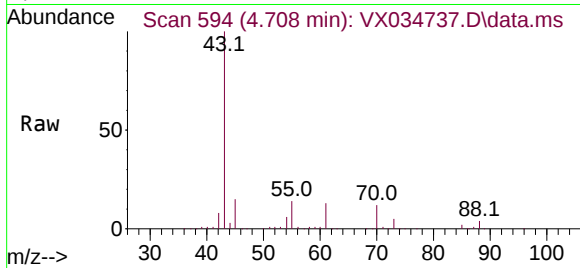
#37
Ethyl Acetate
Concen: 45.735 ug/l
RT: 4.708 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 280438
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.4
70 10.7 8.2 12.4

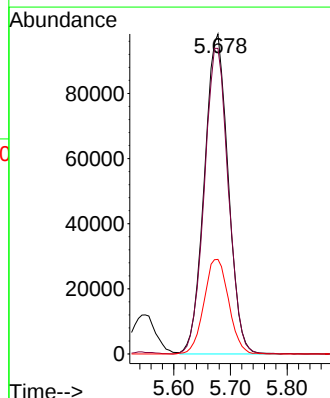
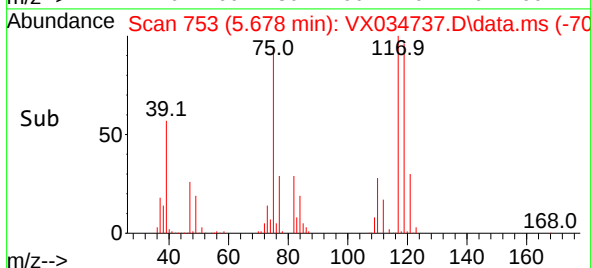
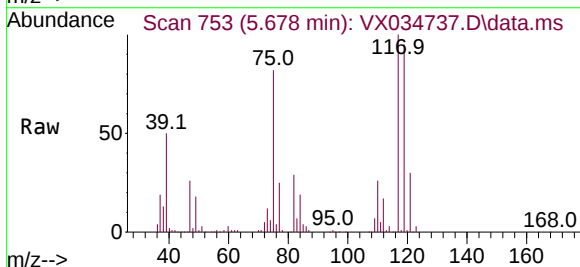
Manual Integrations
APPROVED

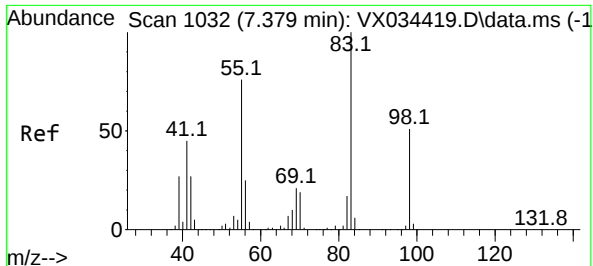
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#38
Carbon Tetrachloride
Concen: 51.325 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Tgt Ion:117 Resp: 286584
Ion Ratio Lower Upper
117 100
119 95.5 76.6 114.8
121 29.5 23.8 35.6





#39

Methylcyclohexane

Concen: 47.723 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 320554

Ion Ratio Lower Upper

83 100

55 82.4 60.5 90.7

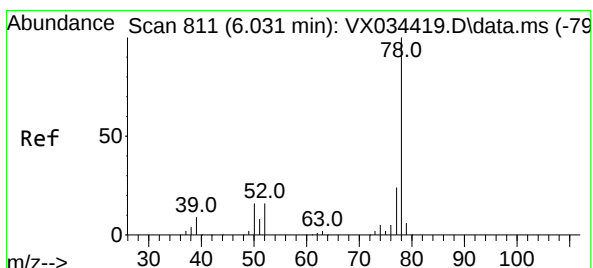
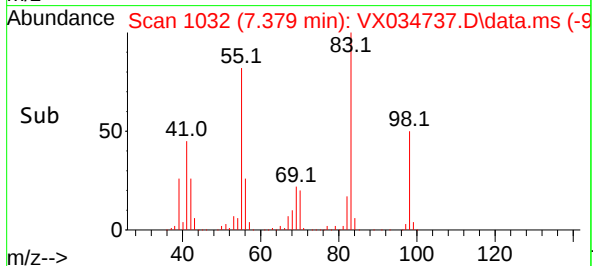
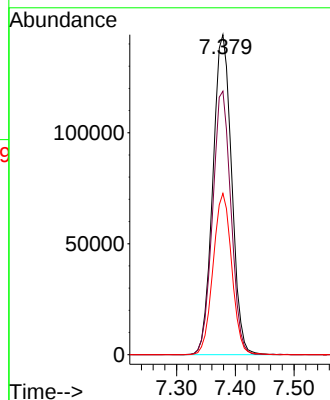
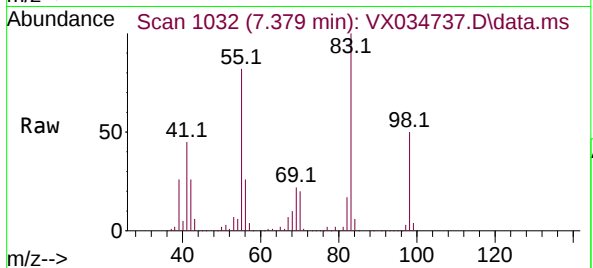
98 50.4 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#40

Benzene

Concen: 46.717 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX034737.D

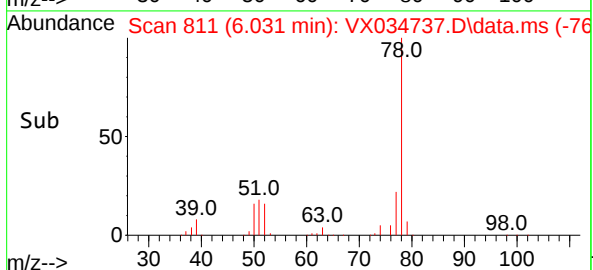
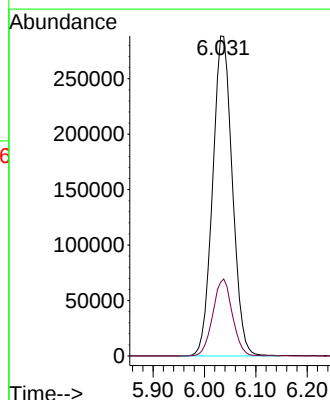
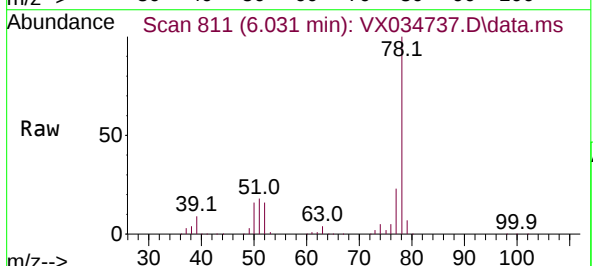
Acq: 27 Mar 2023 09:23

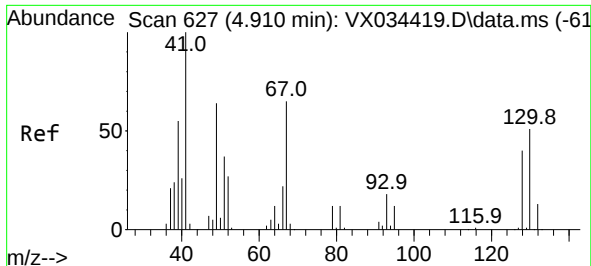
Tgt Ion: 78 Resp: 767074

Ion Ratio Lower Upper

78 100

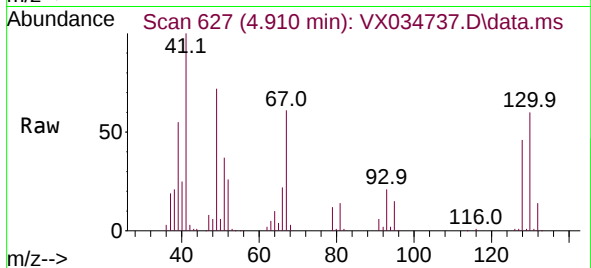
77 23.0 19.0 28.4





#41
Methacrylonitrile
Concen: 48.520 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

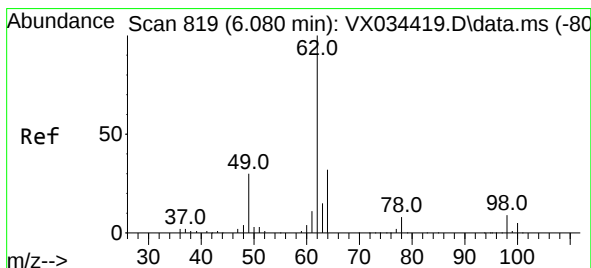
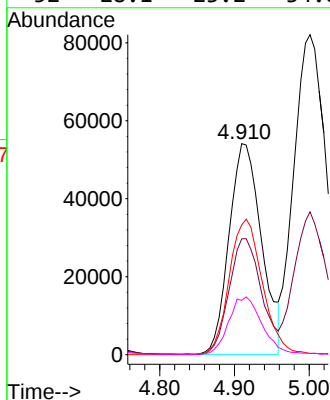
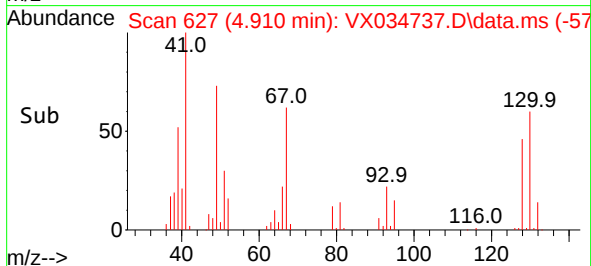
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 163048
Ion Ratio Lower Upper
41 100
39 54.9 45.0 67.6
67 66.2 55.6 83.4
52 28.1 23.2 34.8

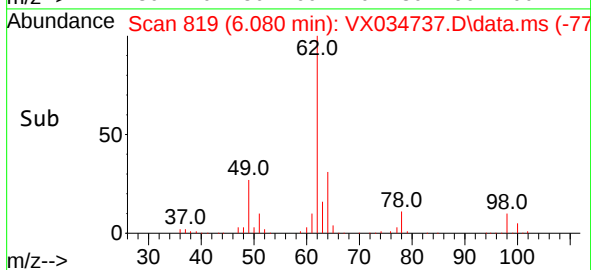
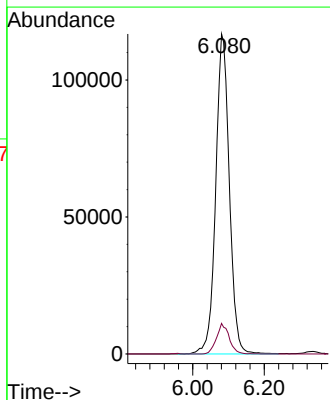
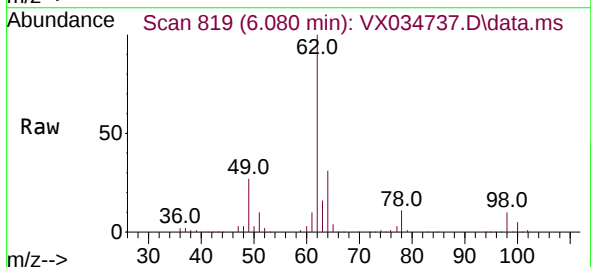
Manual Integrations
APPROVED

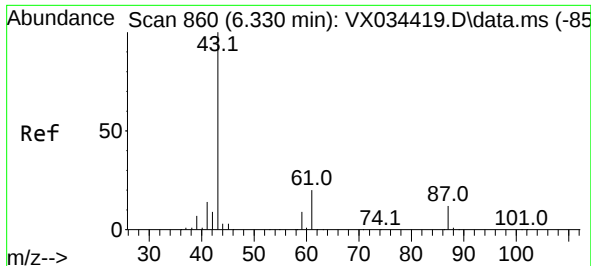
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#42
1,2-Dichloroethane
Concen: 51.145 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

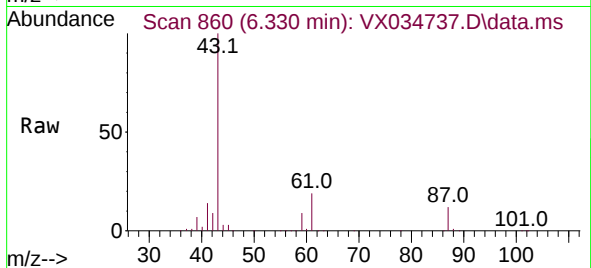
Tgt Ion: 62 Resp: 308631
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 46.264 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

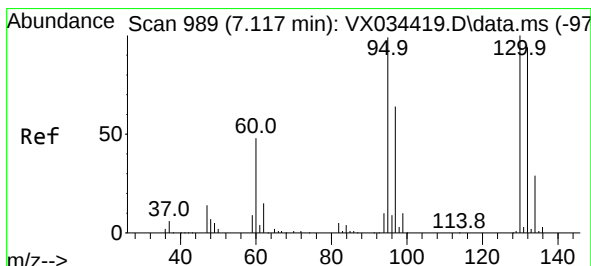
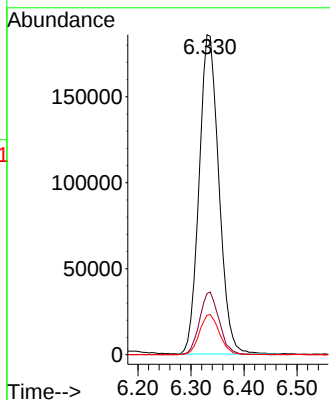
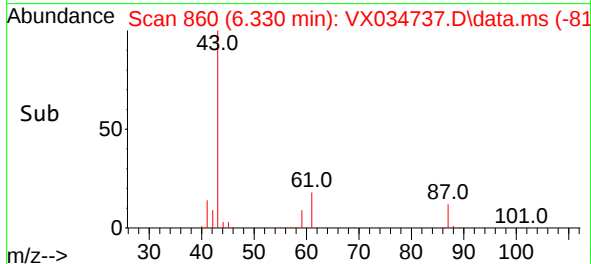
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 480578
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 12.6 9.8 14.8

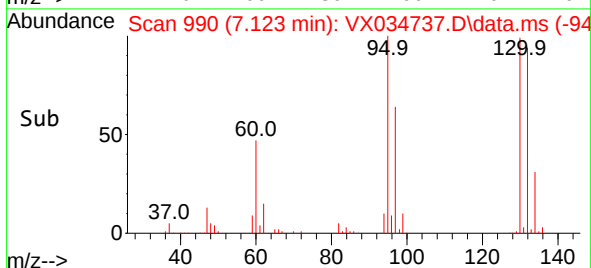
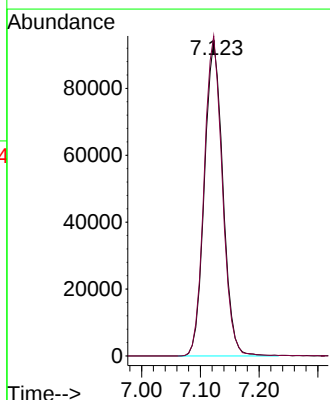
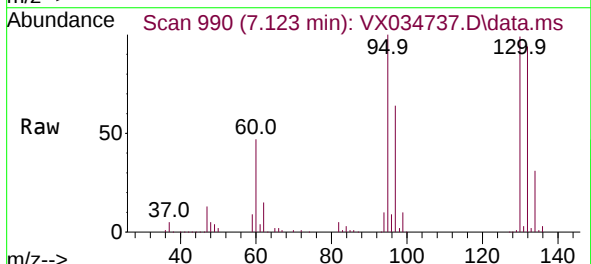
Manual Integrations
APPROVED

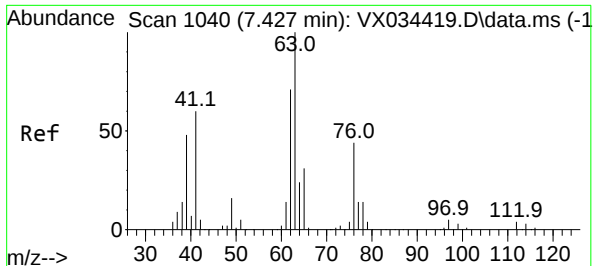
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#44
Trichloroethene
Concen: 47.991 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Tgt Ion:130 Resp: 204738
Ion Ratio Lower Upper
130 100
95 101.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 46.973 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 20138

Ion Ratio Lower Upper

63 100

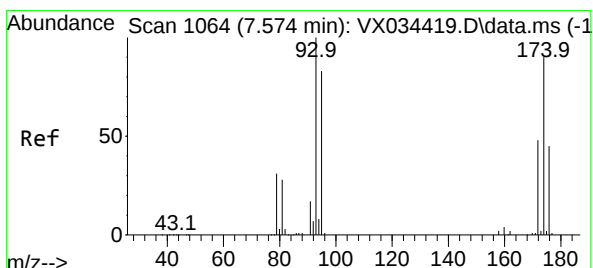
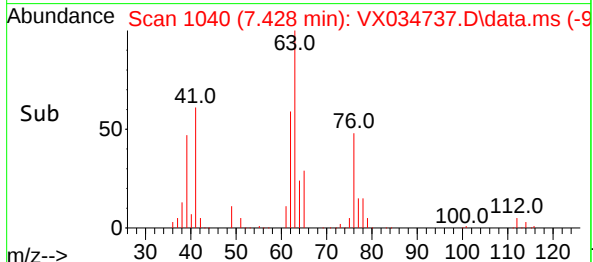
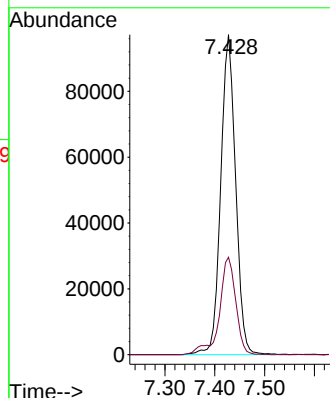
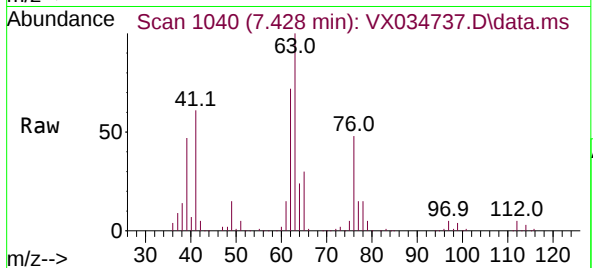
65 30.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#46

Dibromomethane

Concen: 47.643 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

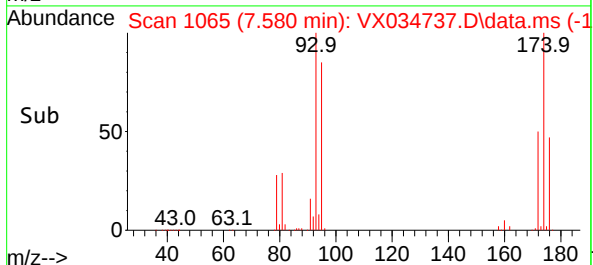
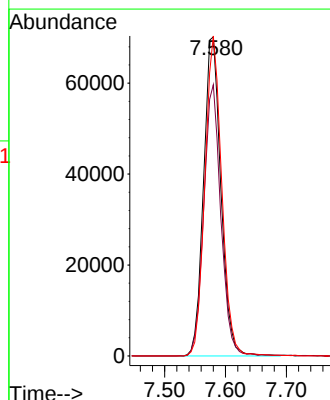
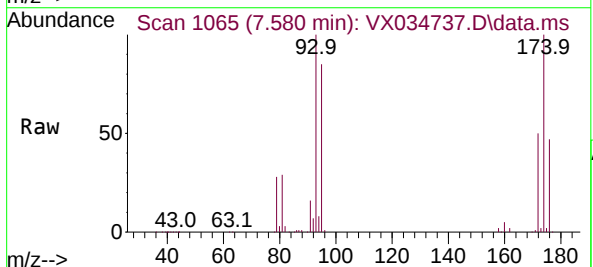
Tgt Ion: 93 Resp: 138863

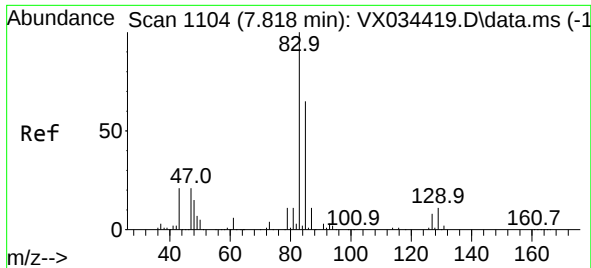
Ion Ratio Lower Upper

93 100

95 83.2 66.9 100.3

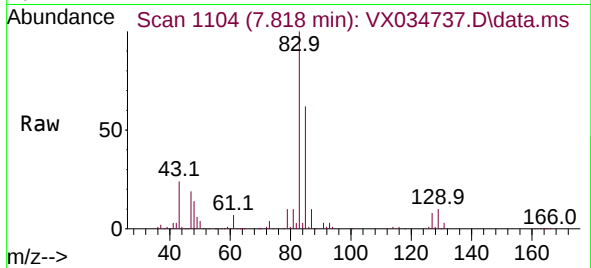
174 97.8 75.4 113.0





#47
Bromodichloromethane
Concen: 50.073 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

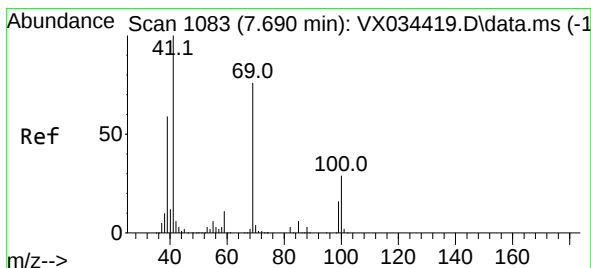
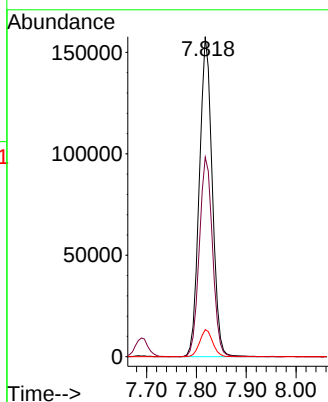
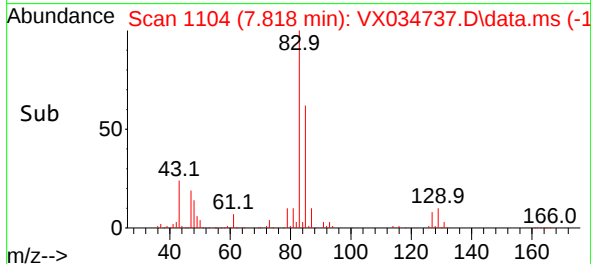
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



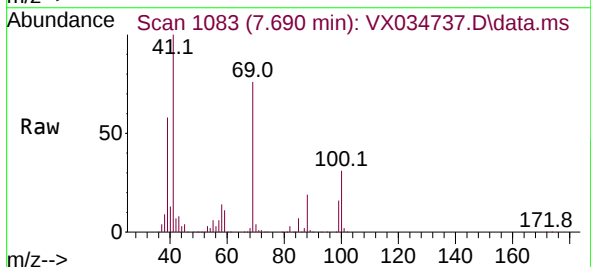
Tgt Ion: 83 Resp: 282464
Ion Ratio Lower Upper
83 100
85 62.4 52.2 78.4
127 8.5 6.6 9.8

Manual Integrations
APPROVED

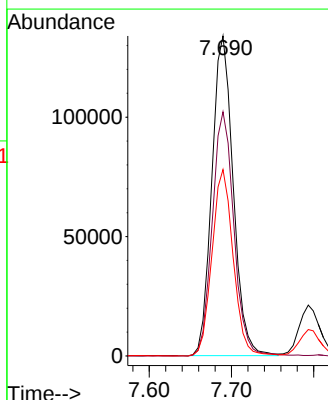
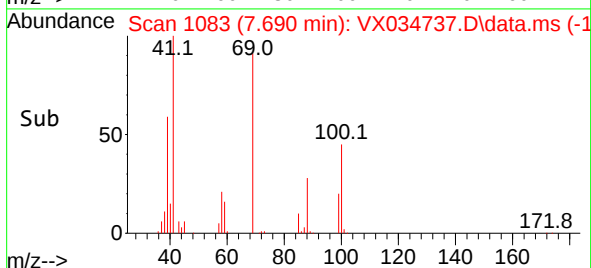
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

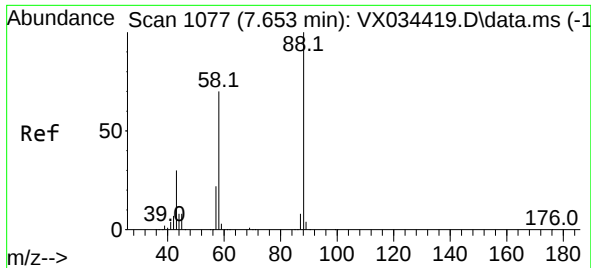


#48
Methyl methacrylate
Concen: 48.343 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23



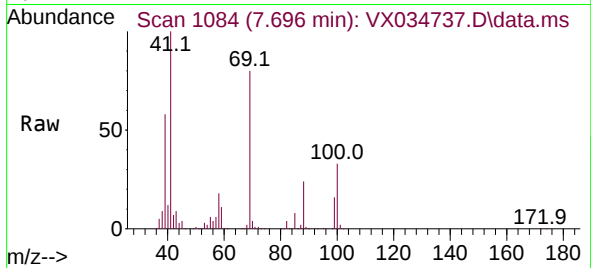
Tgt Ion: 41 Resp: 241520
Ion Ratio Lower Upper
41 100
69 77.3 62.2 93.4
39 57.7 47.7 71.5





#49
1,4-Dioxane
Concen: 798.070 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.043 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

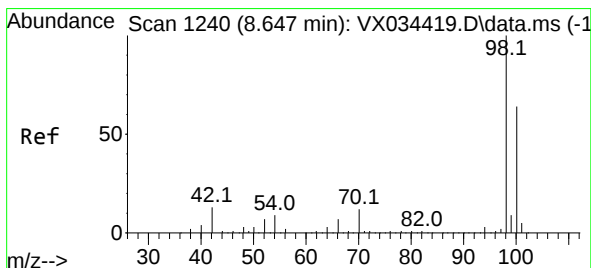
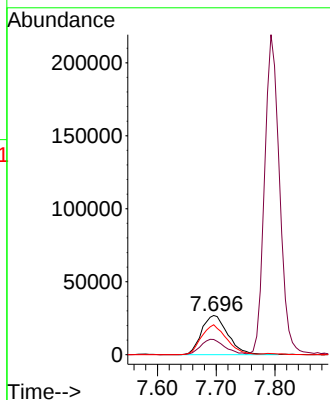
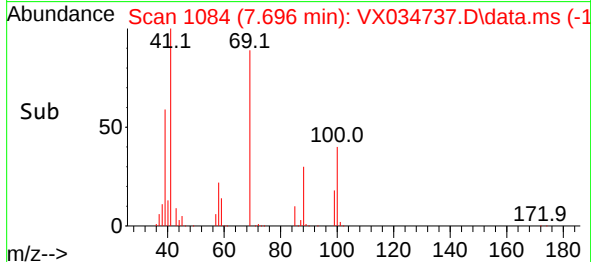
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 83744
Ion Ratio Lower Upper
88 100
43 35.1 27.7 41.5
58 72.7 56.8 85.2

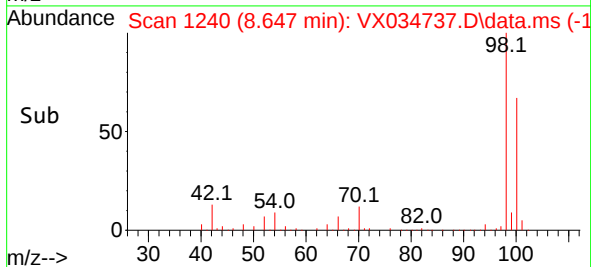
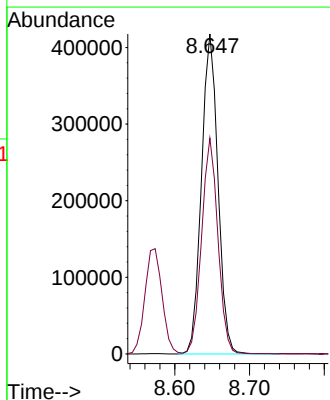
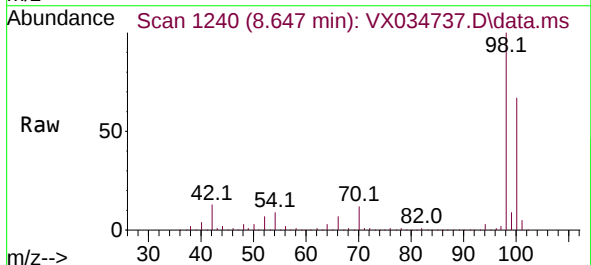
Manual Integrations
APPROVED

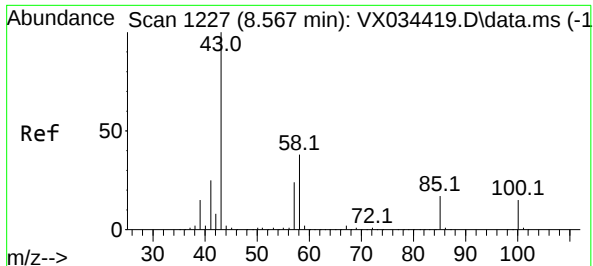
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#50
Toluene-d8
Concen: 46.792 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Tgt Ion: 98 Resp: 638321
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7





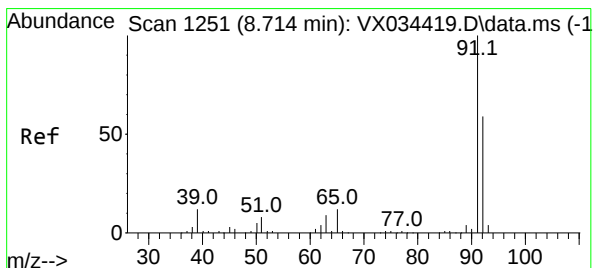
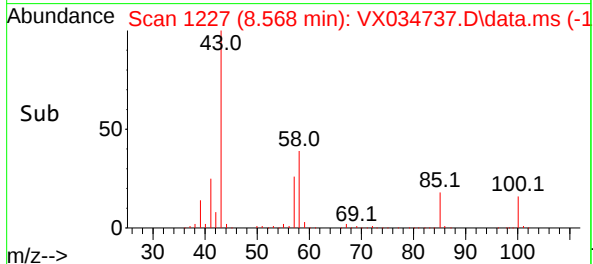
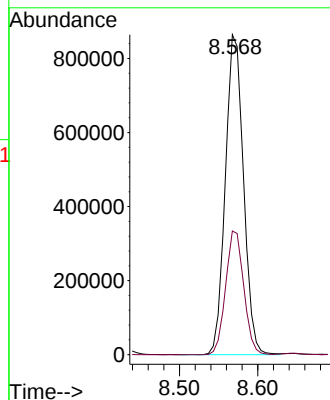
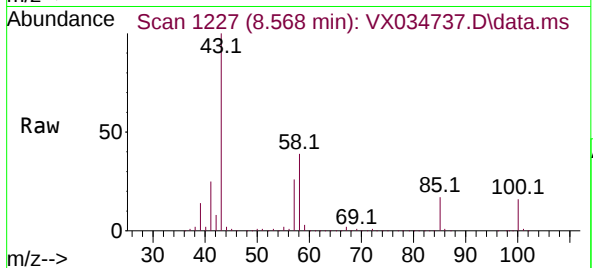
#51
4-Methyl-2-Pentanone
Concen: 231.095 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 139257
Ion Ratio Lower Upper
43 100
58 38.7 30.6 46.0

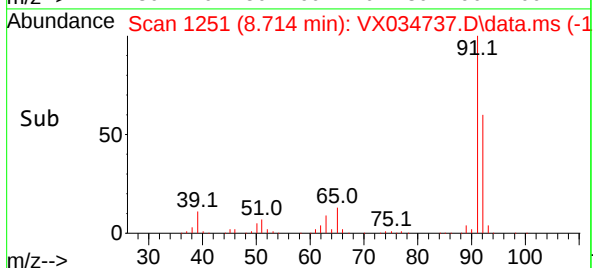
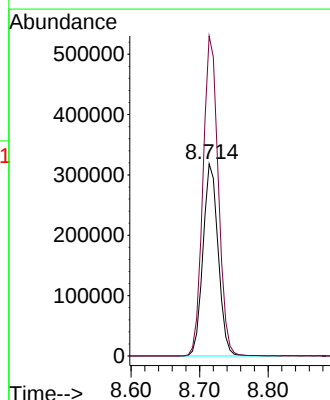
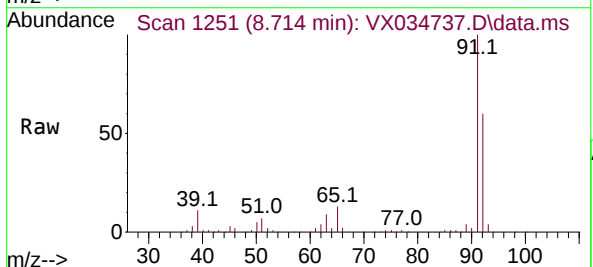
Manual Integrations
APPROVED

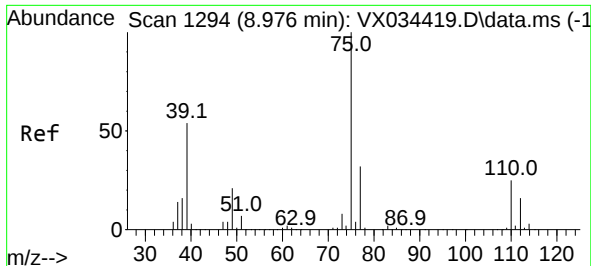
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#52
Toluene
Concen: 48.328 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Tgt Ion: 92 Resp: 491279
Ion Ratio Lower Upper
92 100
91 168.0 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 50.123 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 318534

Ion Ratio Lower Upper

75 100

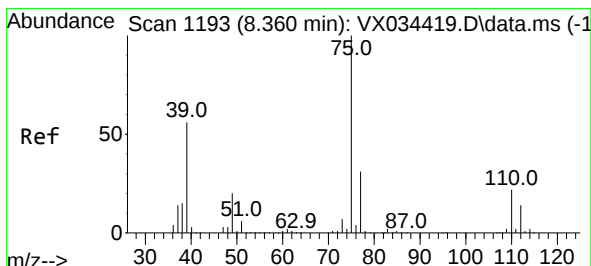
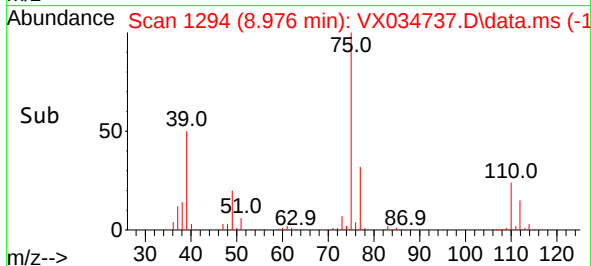
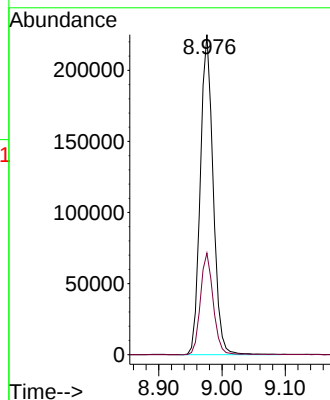
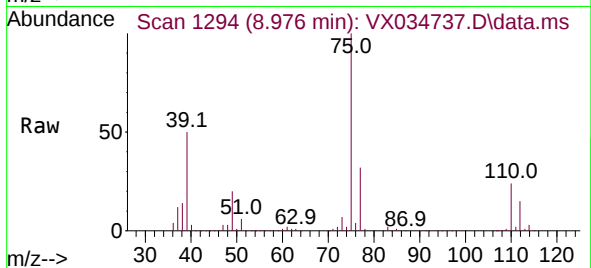
77 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#54

cis-1,3-Dichloropropene

Concen: 49.007 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

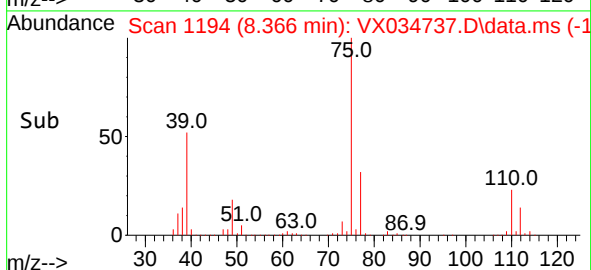
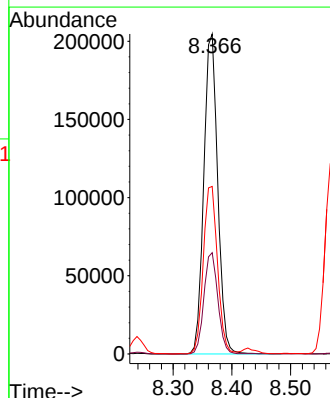
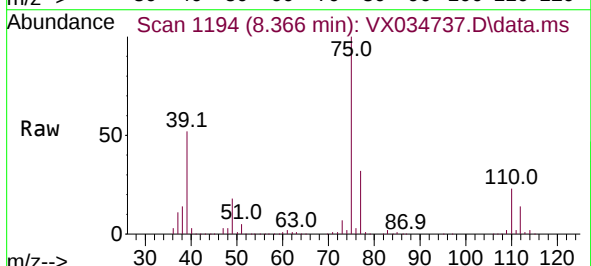
Tgt Ion: 75 Resp: 336949

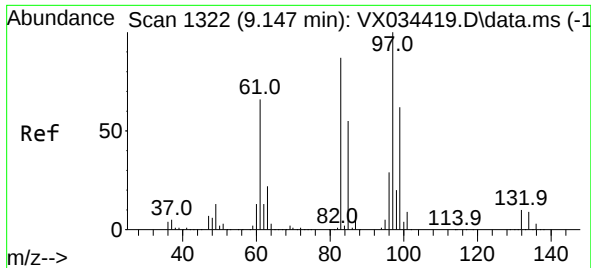
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 52.2 44.6 66.8





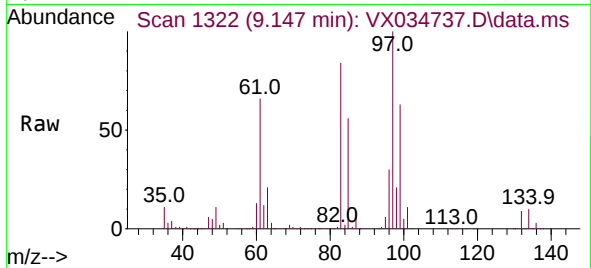
#55
1,1,2-Trichloroethane
Concen: 48.619 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 196145

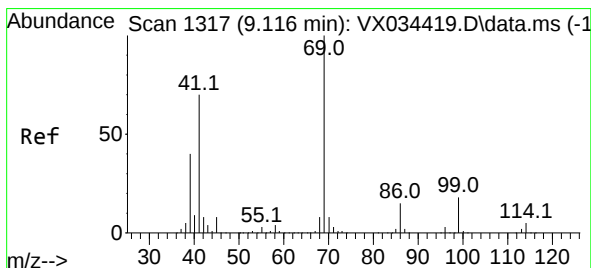
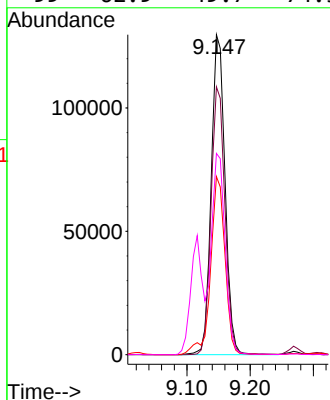
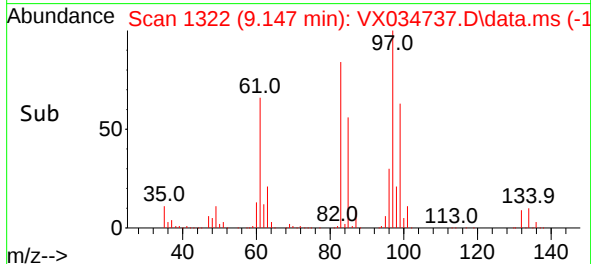
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.7	104.5
85	55.7	43.7	65.5
99	62.9	49.7	74.5

Manual Integrations

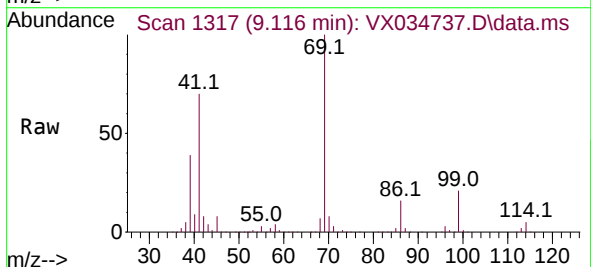
APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023

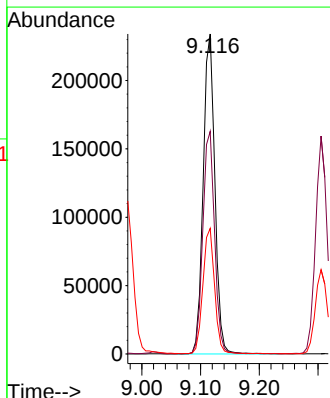
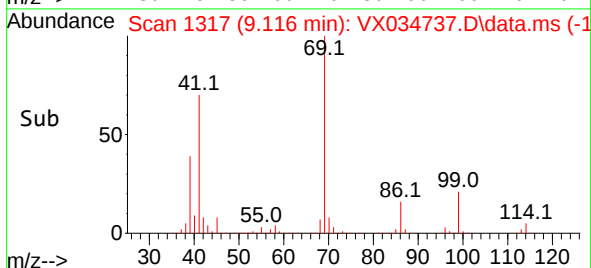


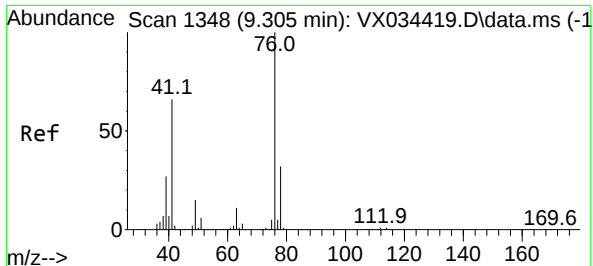
#56
Ethyl methacrylate
Concen: 48.819 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23



Tgt Ion: 69 Resp: 323369

Ion	Ratio	Lower	Upper
69	100		
41	70.5	57.4	86.0
39	39.3	33.7	50.5





#57

1,3-Dichloropropane

Concen: 48.216 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 34571

Ion Ratio Lower Upper

76 100

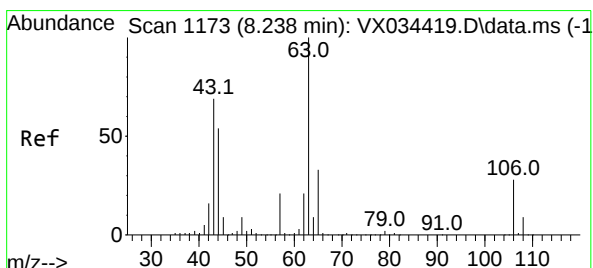
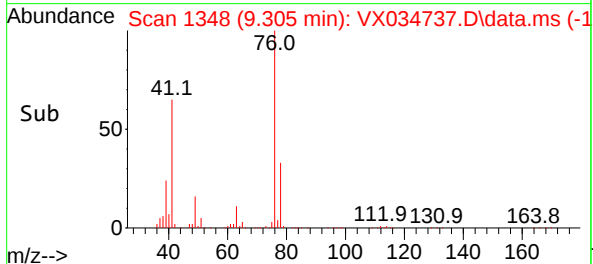
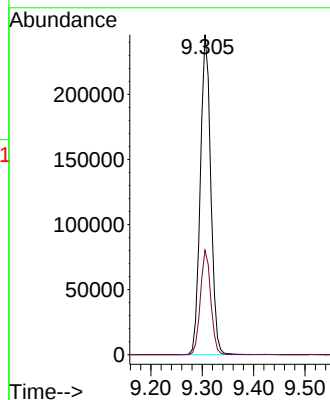
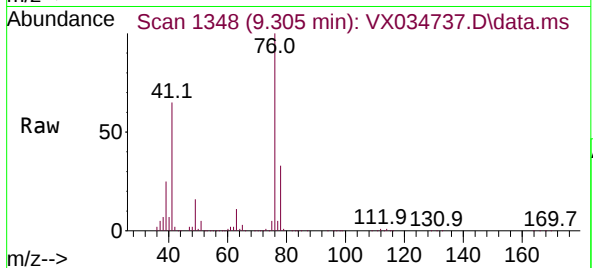
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 208.507 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034737.D

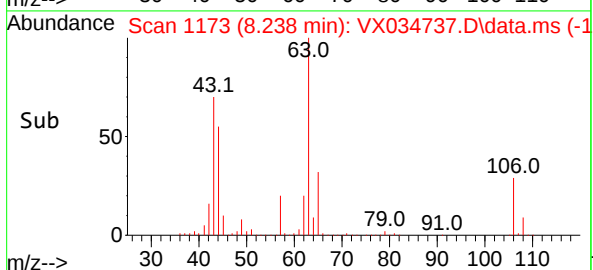
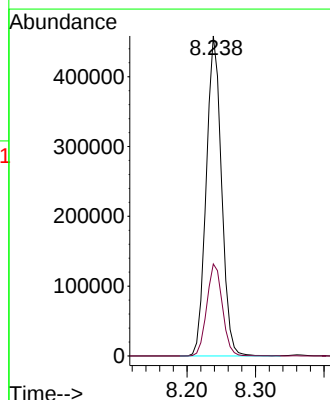
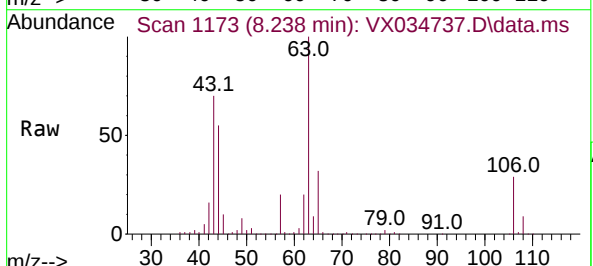
Acq: 27 Mar 2023 09:23

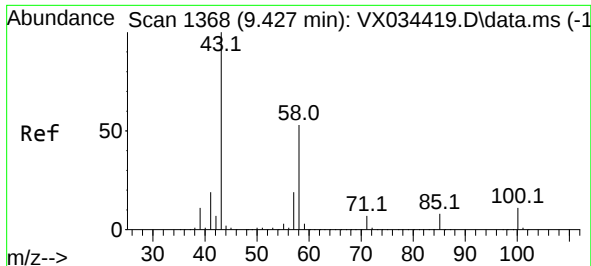
Tgt Ion: 63 Resp: 711772

Ion Ratio Lower Upper

63 100

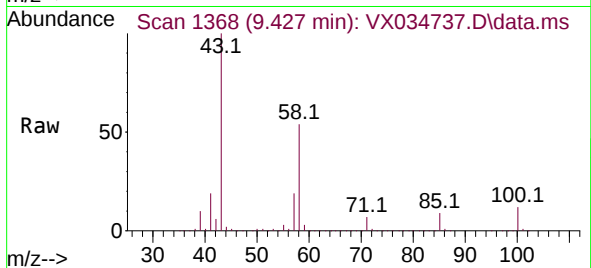
106 29.3 22.2 33.2





#59
2-Hexanone
Concen: 233.053 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

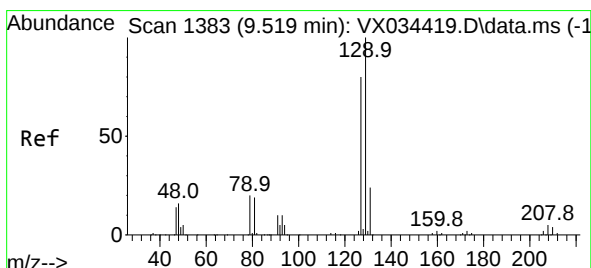
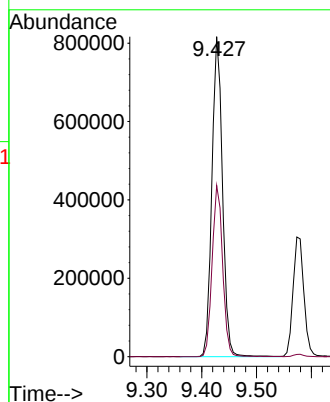
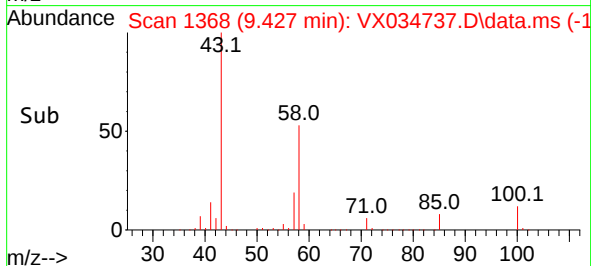
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



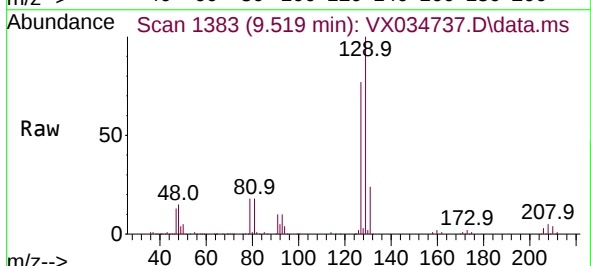
Tgt Ion: 43 Resp: 108560
Ion Ratio Lower Upper
43 100
58 53.4 26.3 78.9

Manual Integrations
APPROVED

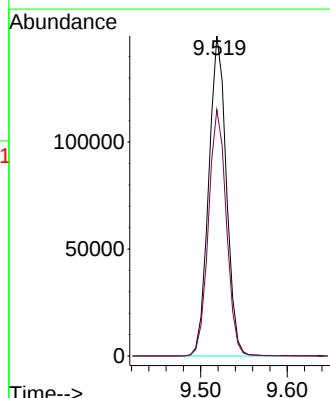
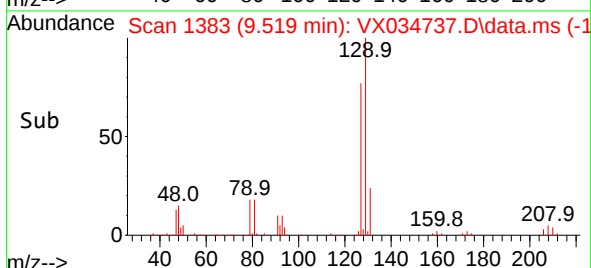
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

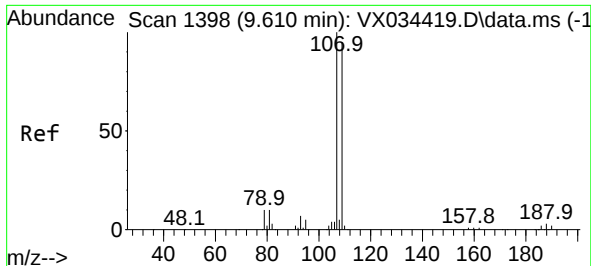


#60
Dibromochloromethane
Concen: 50.024 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23



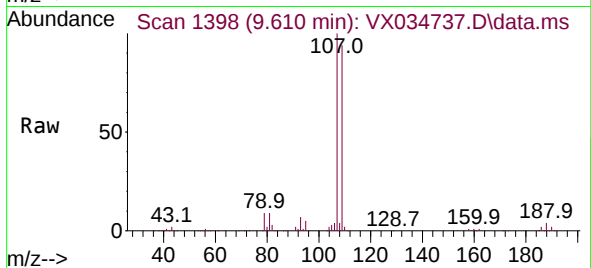
Tgt Ion:129 Resp: 211658
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





#61
1,2-Dibromoethane
Concen: 48.079 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

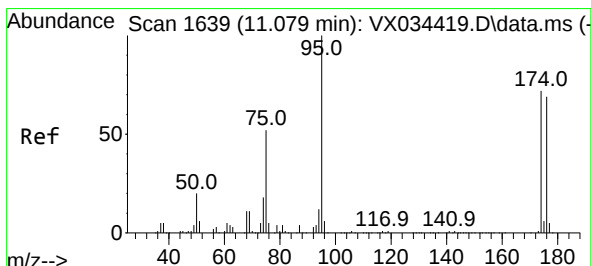
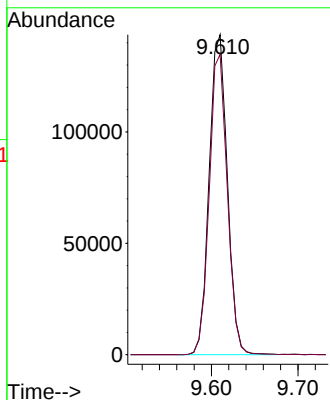
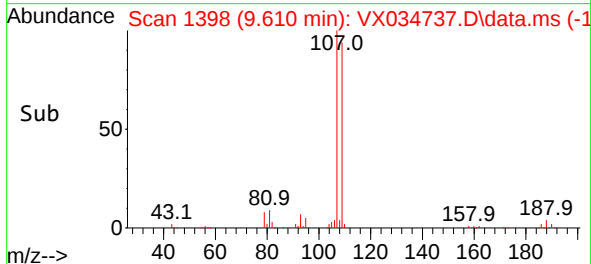
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



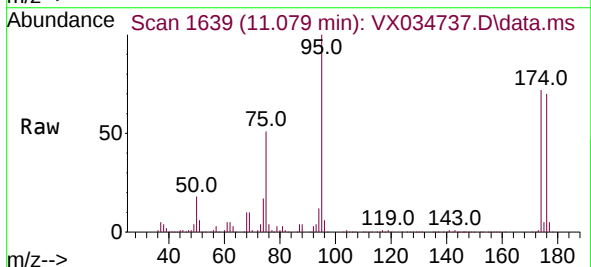
Tgt Ion:107 Resp: 209308
Ion Ratio Lower Upper
107 100
109 93.4 75.3 112.9

Manual Integrations
APPROVED

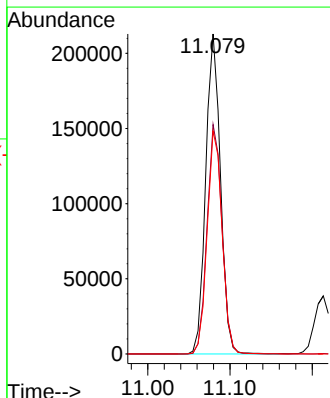
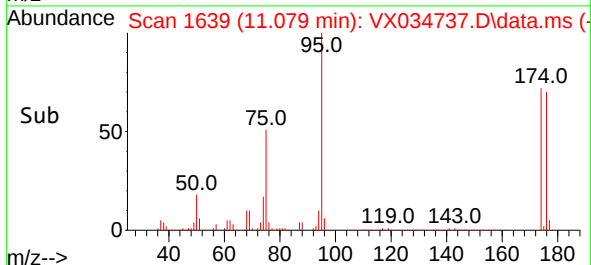
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

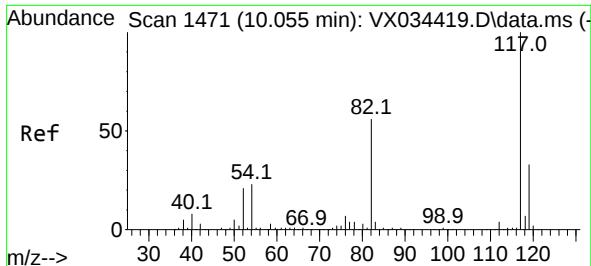


#62
4-Bromofluorobenzene
Concen: 48.191 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23



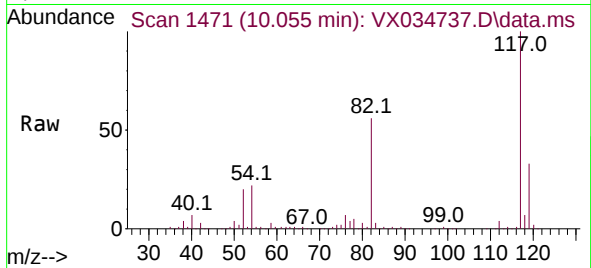
Tgt Ion: 95 Resp: 265540
Ion Ratio Lower Upper
95 100
174 72.7 0.0 147.4
176 70.6 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

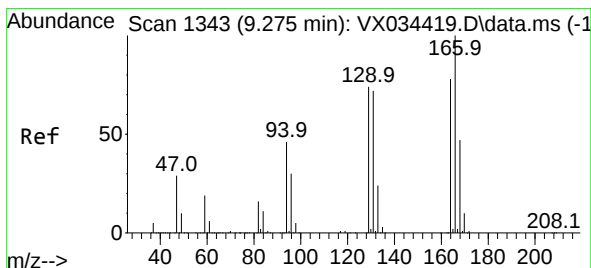
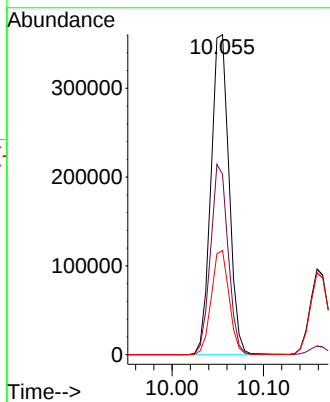
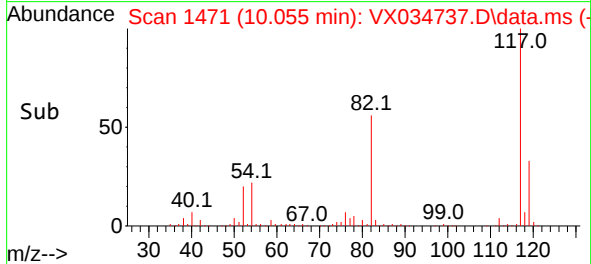
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 495880
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 32.6 26.0 39.0

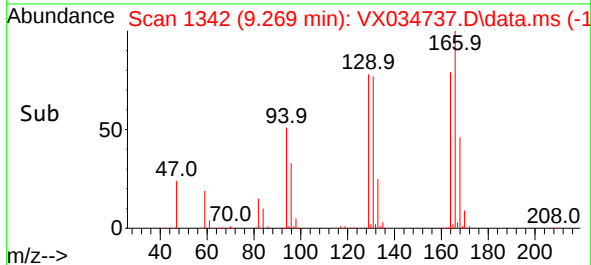
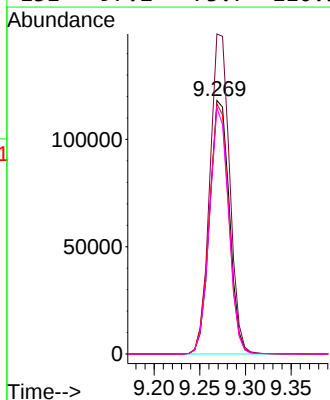
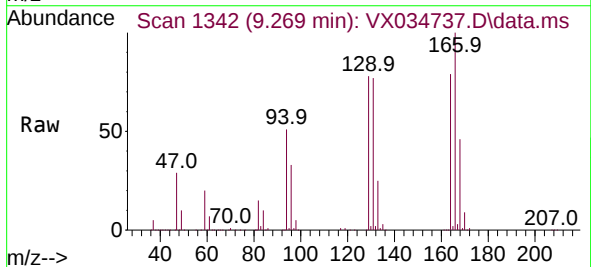
Manual Integrations
APPROVED

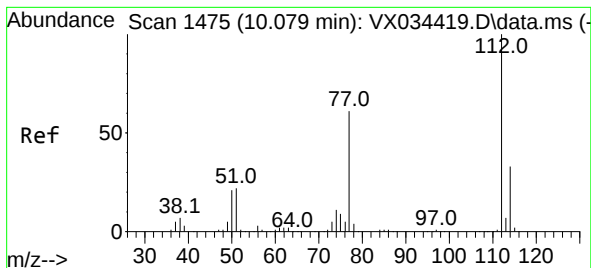
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#64
Tetrachloroethene
Concen: 53.081 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

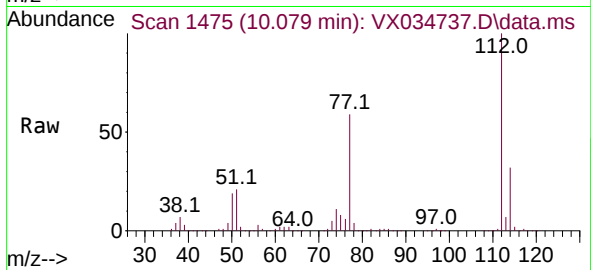
Tgt Ion:164 Resp: 176813
Ion Ratio Lower Upper
164 100
166 126.3 102.7 154.1
129 98.7 75.6 113.4
131 97.2 73.7 110.5





#65
Chlorobenzene
Concen: 48.081 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

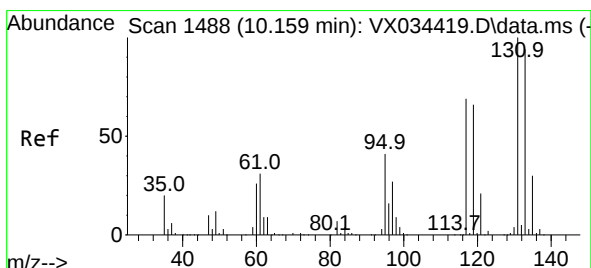
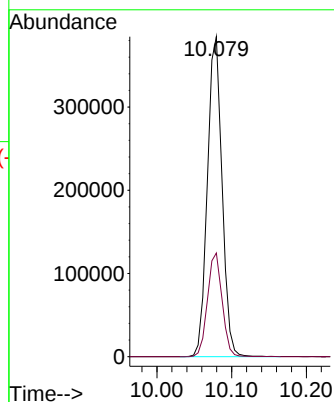
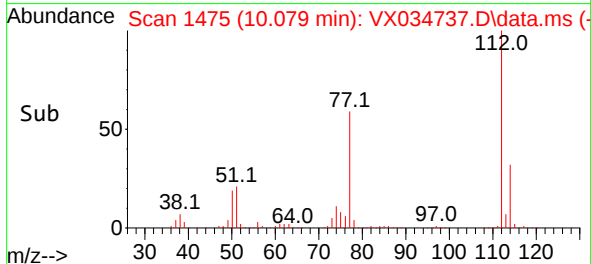
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 52312
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2

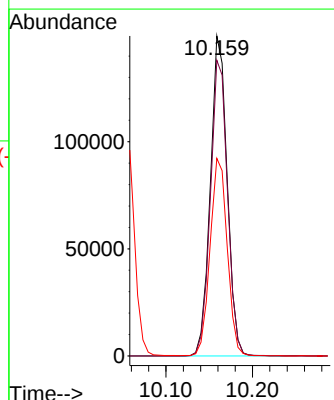
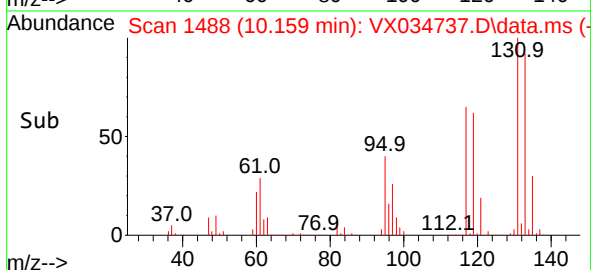
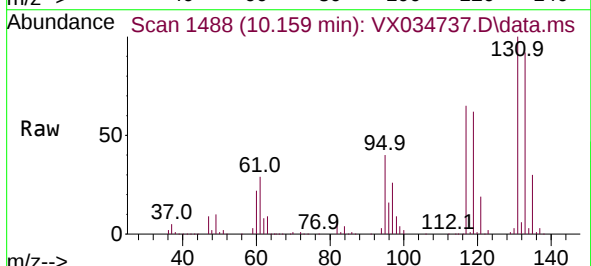
Manual Integrations
APPROVED

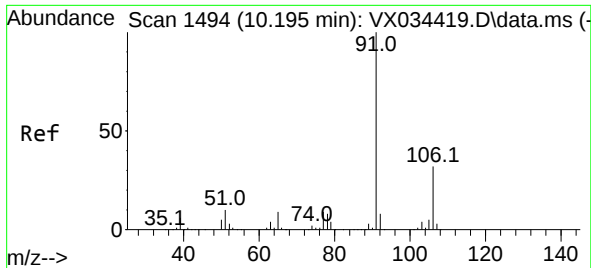
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.766 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

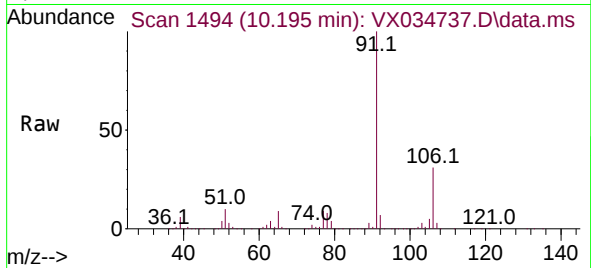
Tgt Ion:131 Resp: 201167
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 63.2 32.6 98.0





#67
Ethyl Benzene
Concen: 49.251 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

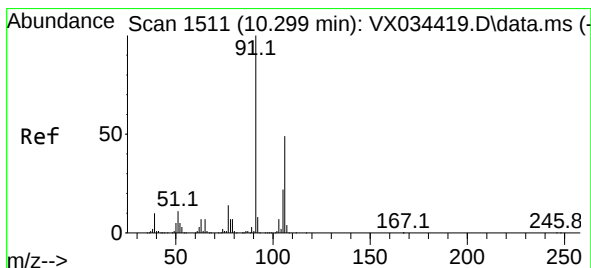
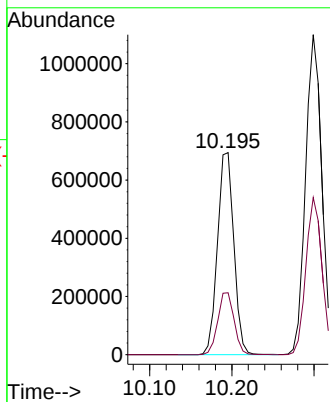
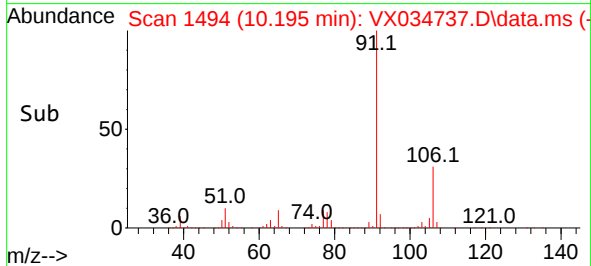
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



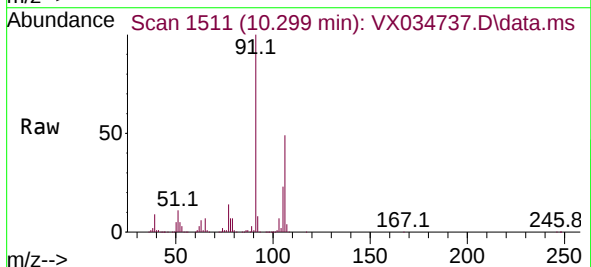
Tgt Ion: 91 Resp: 95930
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

Manual Integrations
APPROVED

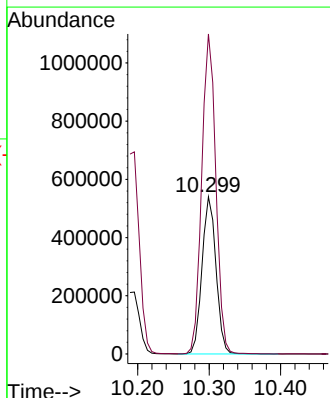
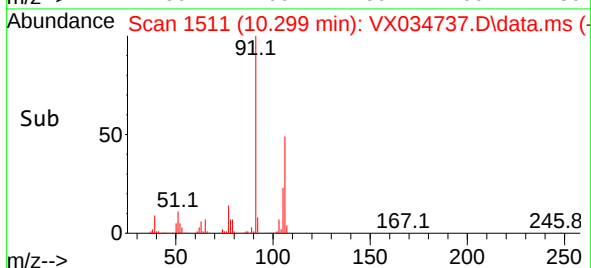
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

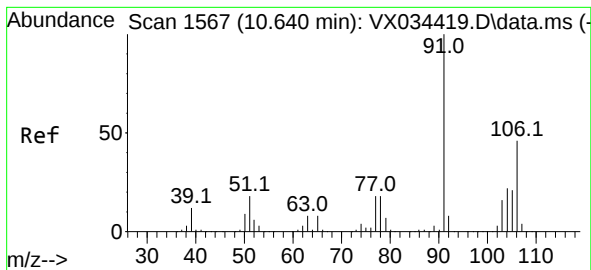


#68
m/p-Xylenes
Concen: 98.188 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23



Tgt Ion:106 Resp: 734664
Ion Ratio Lower Upper
106 100
91 205.4 164.0 246.0





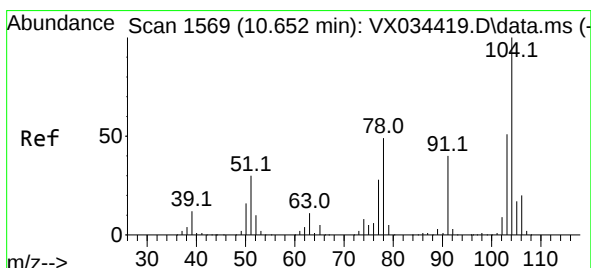
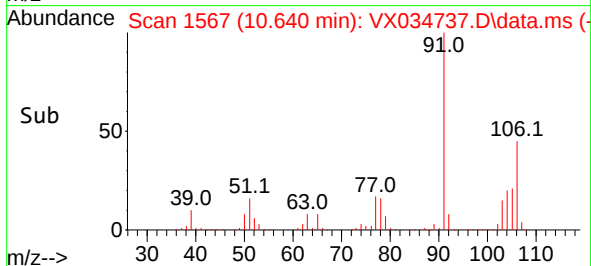
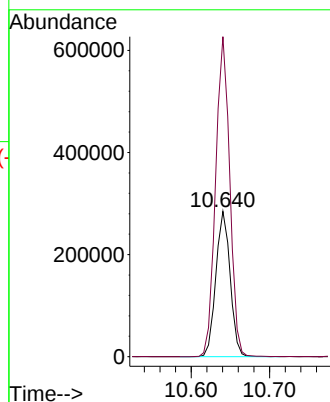
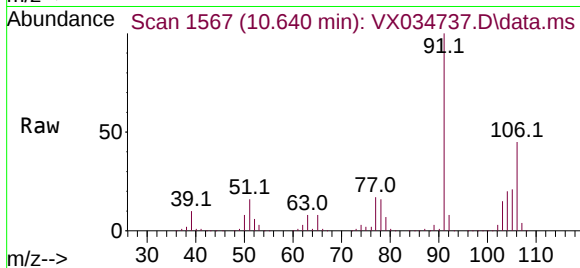
#69
o-Xylene
Concen: 48.045 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 360754
Ion Ratio Lower Upper
106 100
91 218.5 108.5 325.3

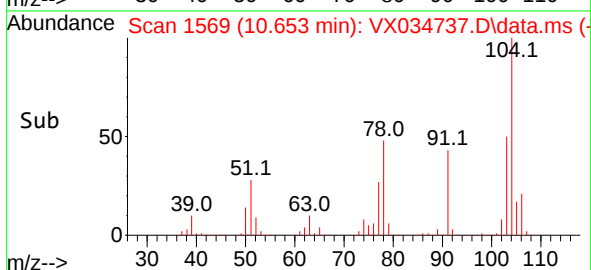
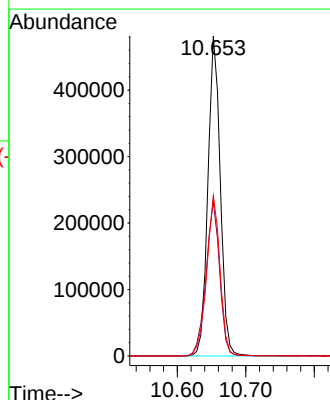
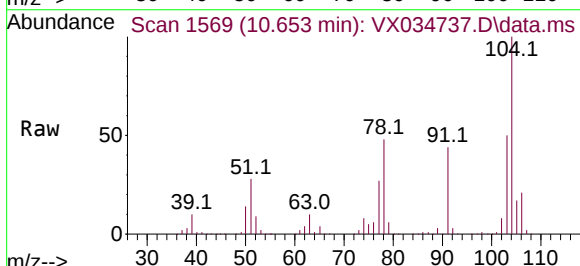
Manual Integrations
APPROVED

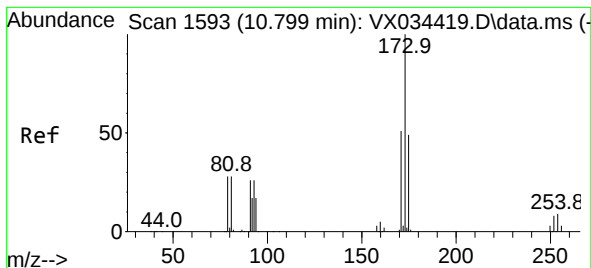
Reviewed By :John Carbone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#70
Styrene
Concen: 50.078 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Tgt Ion:104 Resp: 606673
Ion Ratio Lower Upper
104 100
78 53.4 43.4 65.2
103 54.2 44.2 66.2





#71

Bromoform

Concen: 49.162 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 149950

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

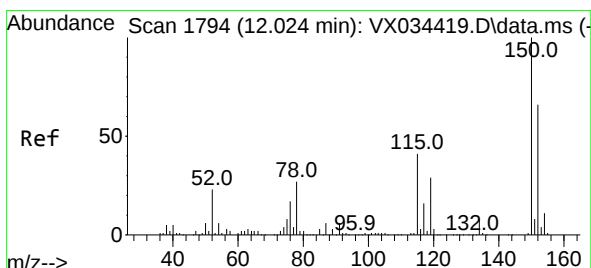
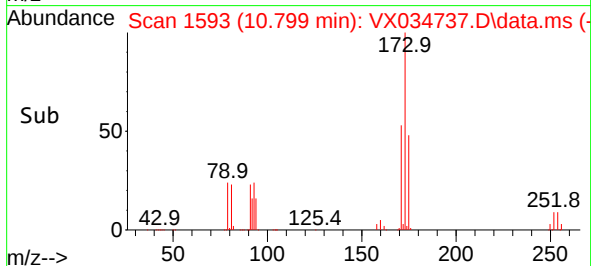
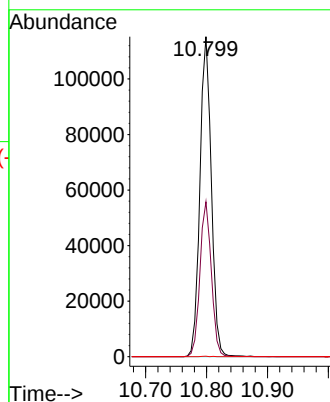
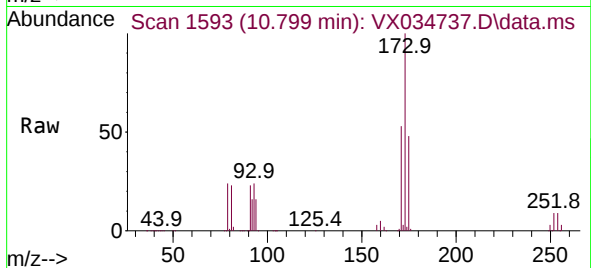
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

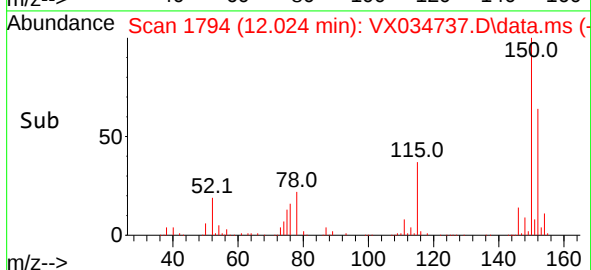
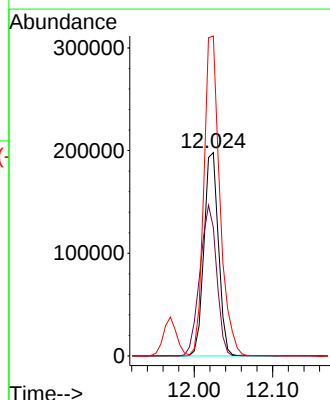
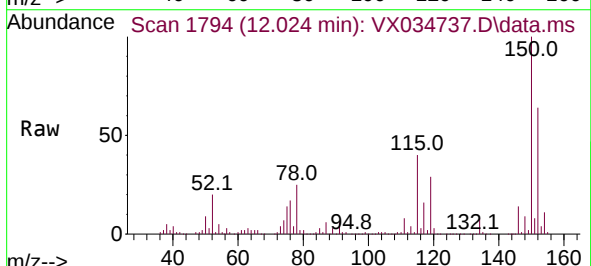
Tgt Ion:152 Resp: 253426

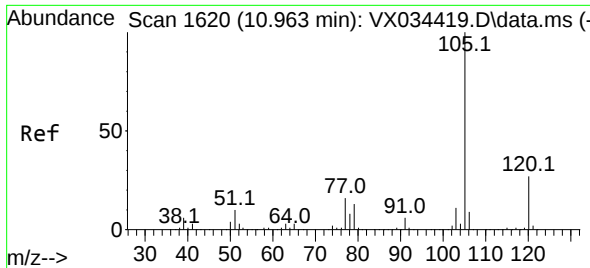
Ion Ratio Lower Upper

152 100

115 85.9 45.0 135.0

150 174.1 0.0 352.4





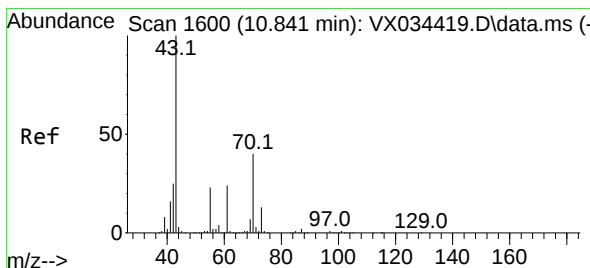
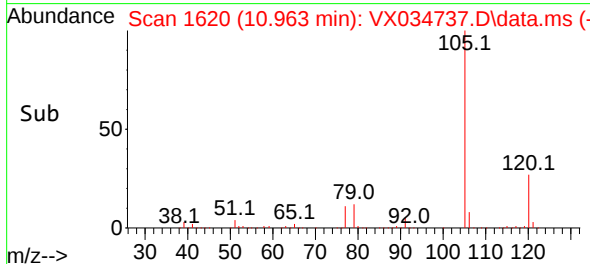
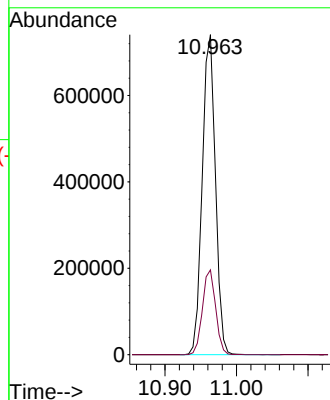
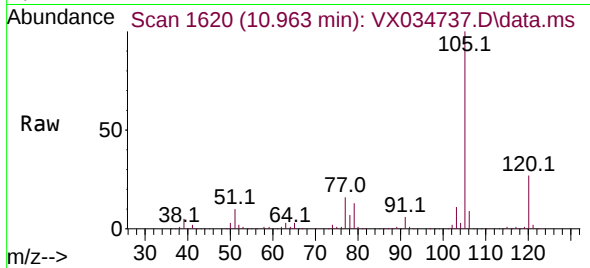
#73
Isopropylbenzene
Concen: 48.375 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 947504
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

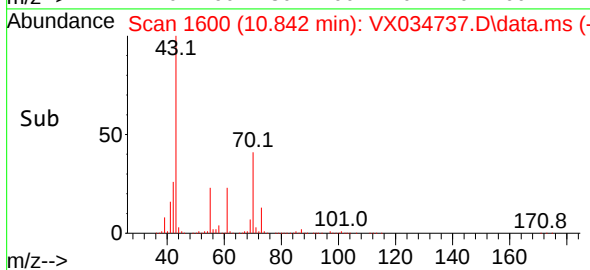
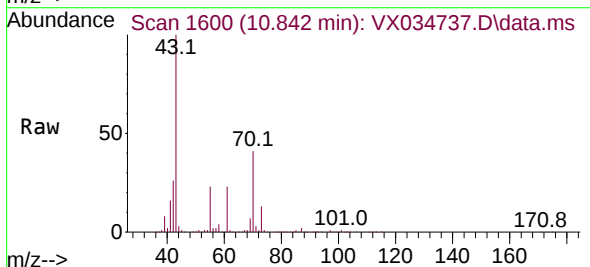
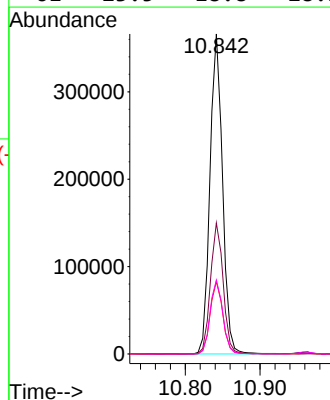
Manual Integrations
APPROVED

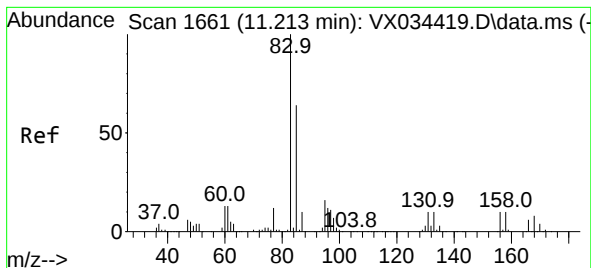
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#74
N-ethyl acetate
Concen: 45.361 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Tgt Ion: 43 Resp: 425548
Ion Ratio Lower Upper
43 100
70 41.6 32.1 48.1
55 23.0 18.3 27.5
61 23.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.191 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 29537

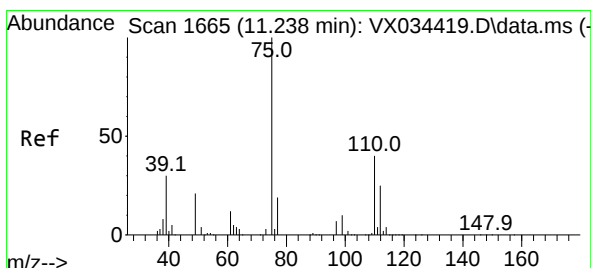
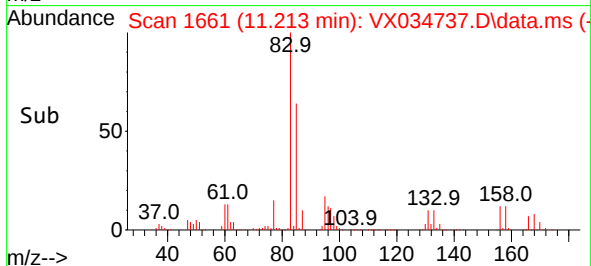
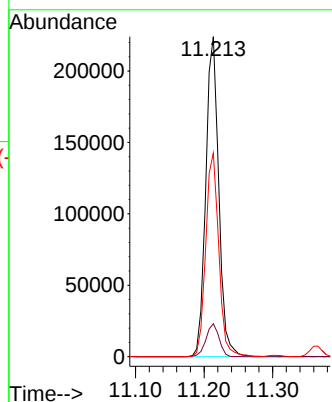
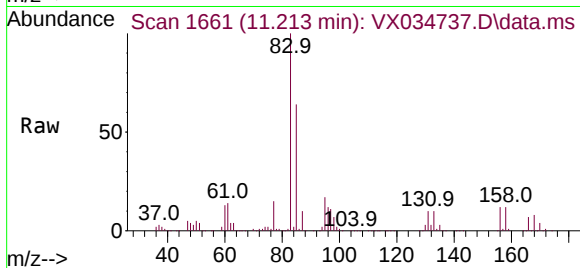
Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.8	14.3
85	64.1	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#76

1,2,3-Trichloropropane

Concen: 43.357 ug/l m

RT: 11.238 min Scan# 1665

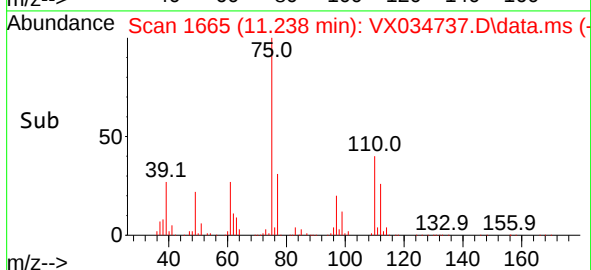
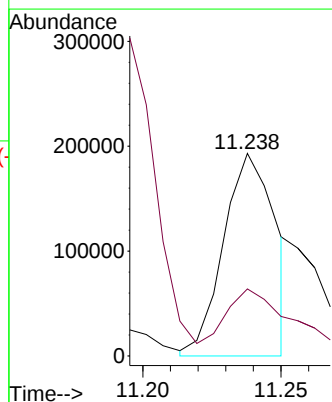
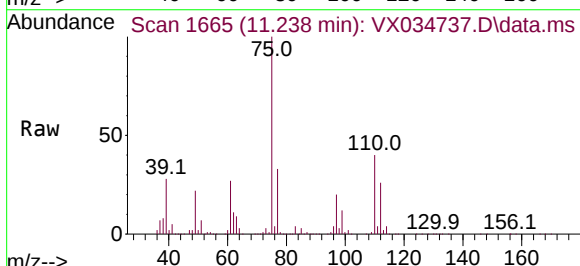
Delta R.T. 0.000 min

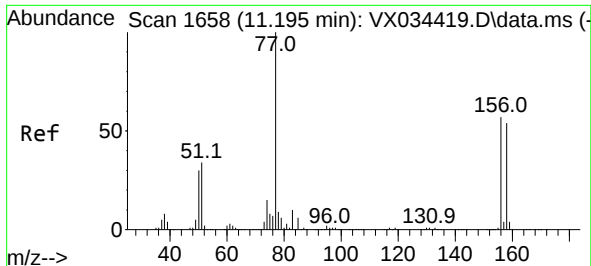
Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Tgt Ion: 75 Resp: 252293

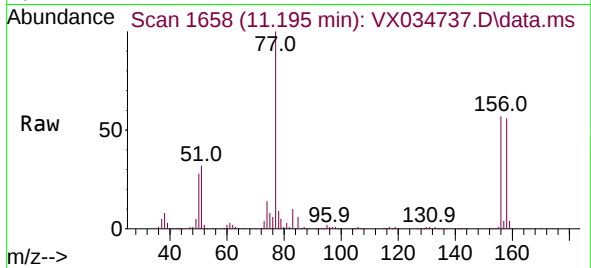
Ion	Ratio	Lower	Upper
75	100		
77	44.1	21.6	64.8





#77
Bromobenzene
Concen: 47.730 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

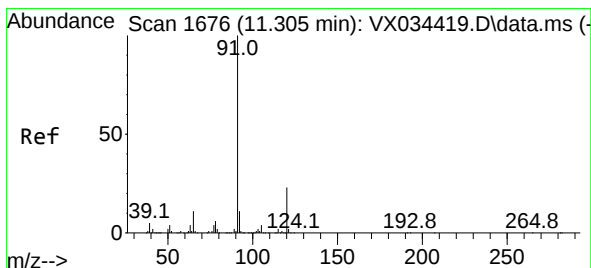
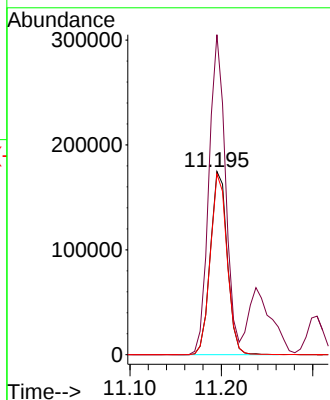
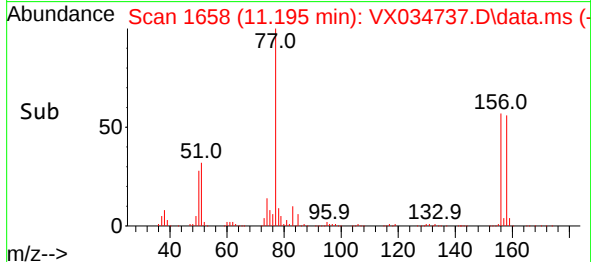
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



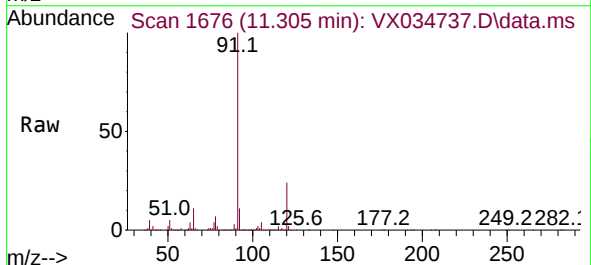
Tgt Ion:156 Resp: 224290
Ion Ratio Lower Upper
156 100
77 170.8 86.7 259.9
158 98.0 48.0 144.0

Manual Integrations
APPROVED

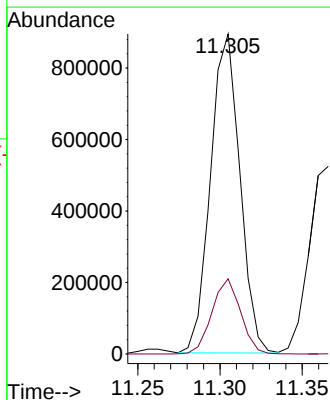
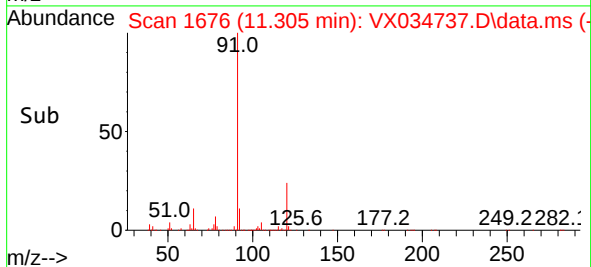
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

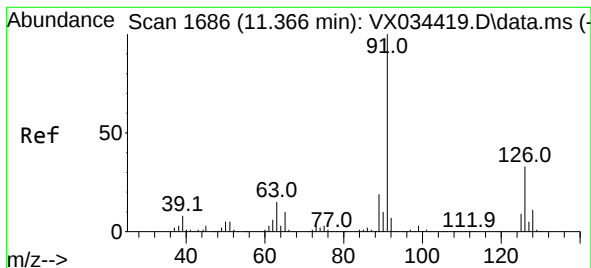


#78
n-propylbenzene
Concen: 49.020 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23



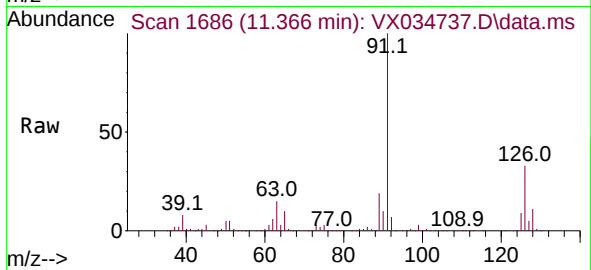
Tgt Ion: 91 Resp: 1108853
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5





#79
2-Chlorotoluene
Concen: 48.183 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

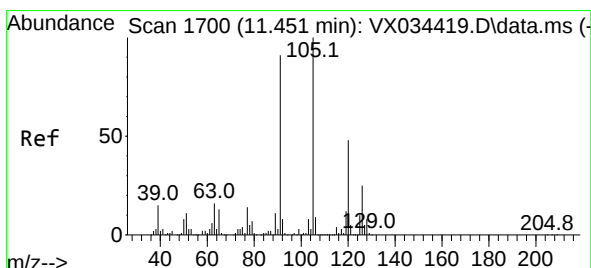
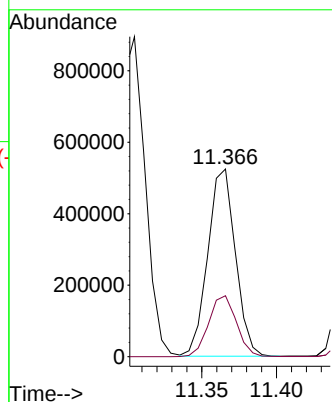
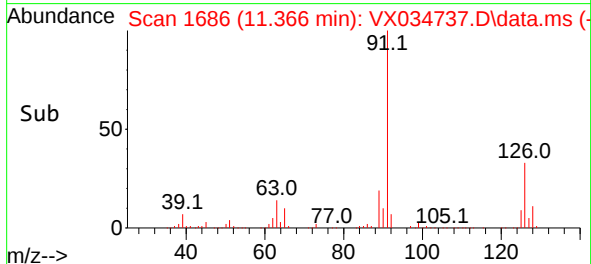
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



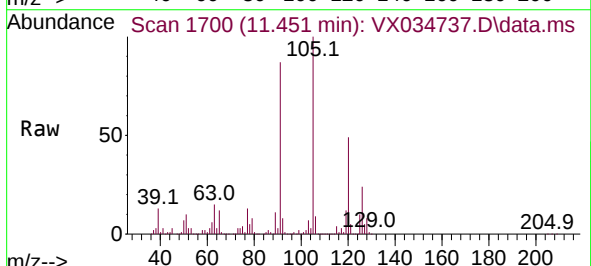
Tgt Ion: 91 Resp: 673138
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.9

Manual Integrations
APPROVED

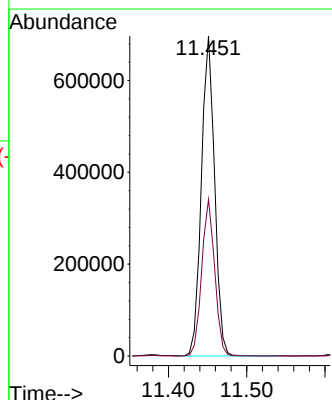
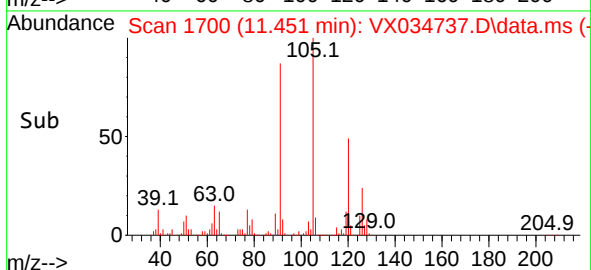
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

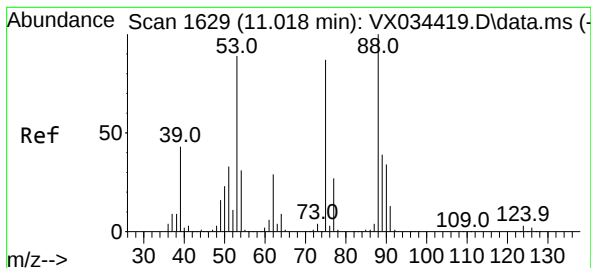


#80
1,3,5-Trimethylbenzene
Concen: 49.630 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23



Tgt Ion:105 Resp: 815353
Ion Ratio Lower Upper
105 100
120 48.1 23.7 71.1





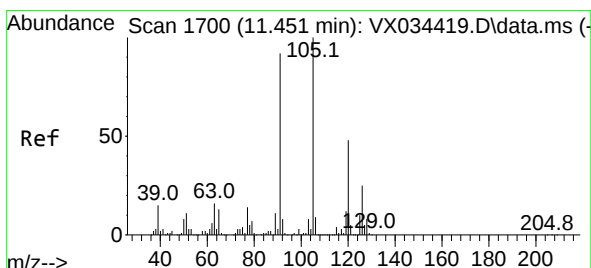
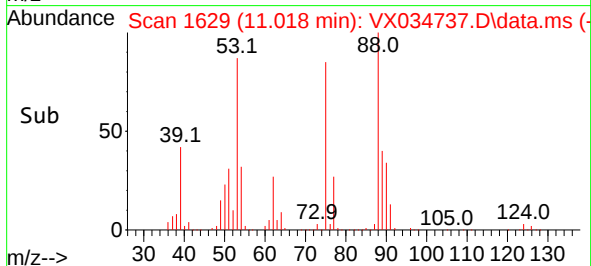
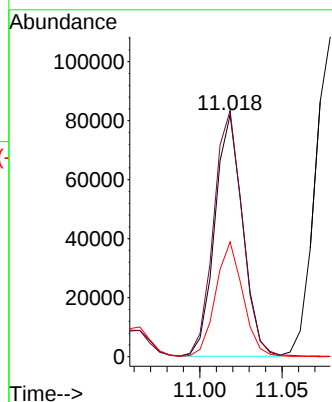
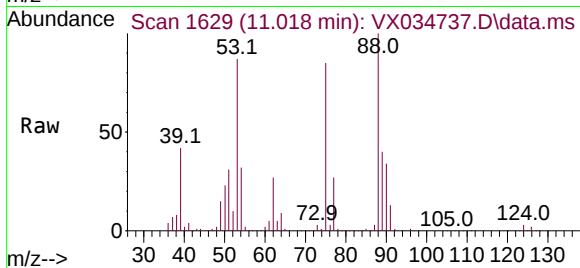
#81
trans-1,4-Dichloro-2-butene
Concen: 44.943 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 96669
Ion Ratio Lower Upper
75 100
53 105.3 82.6 124.0
89 46.6 36.9 55.3

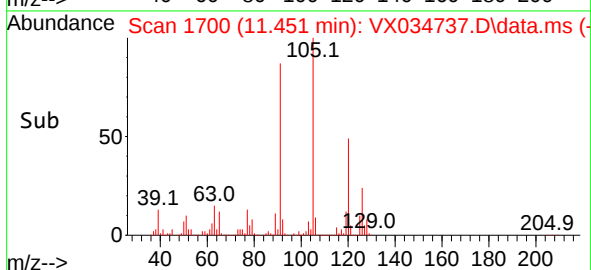
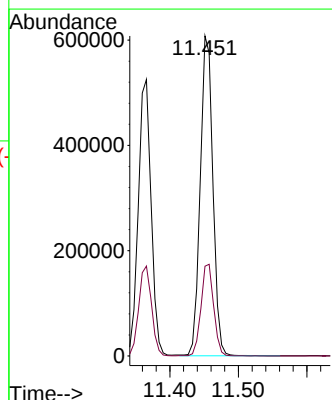
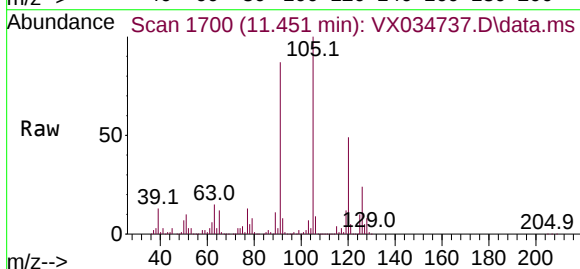
Manual Integrations
APPROVED

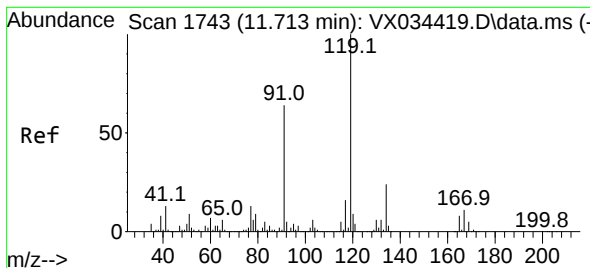
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#82
4-Chlorotoluene
Concen: 48.511 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

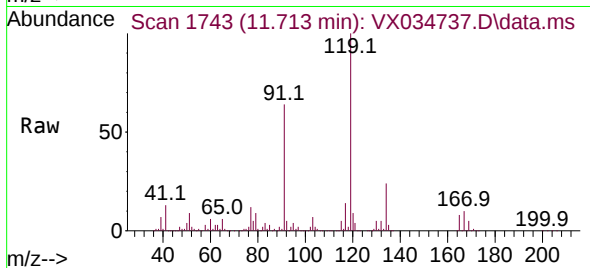
Tgt Ion: 91 Resp: 780628
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 47.922 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX034737.D
 Acq: 27 Mar 2023 09:23

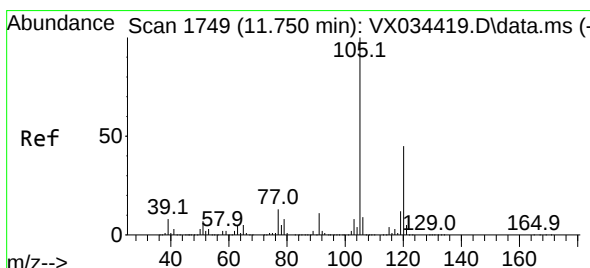
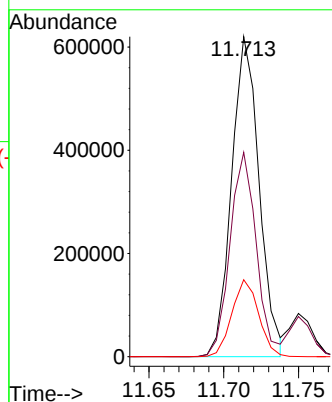
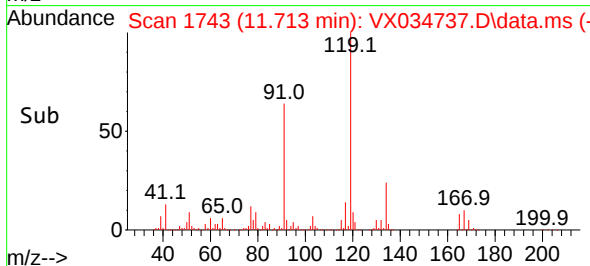
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



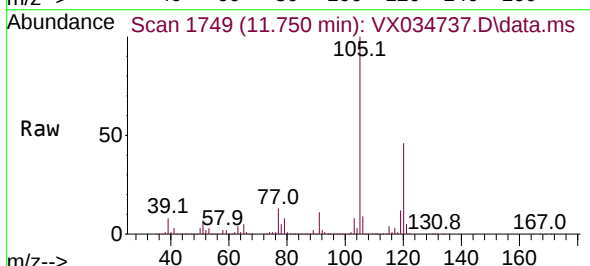
Tgt Ion:119 Resp: 793793
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.6 92.0
 134 23.4 11.8 35.4

Manual Integrations
 APPROVED

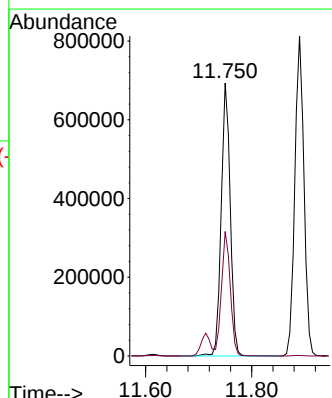
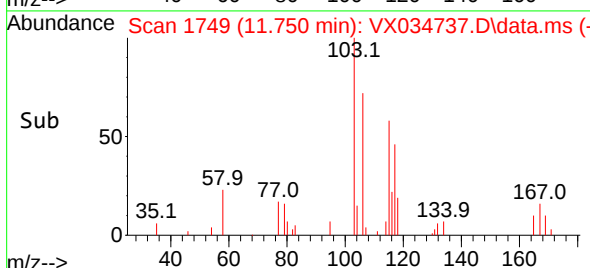
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023

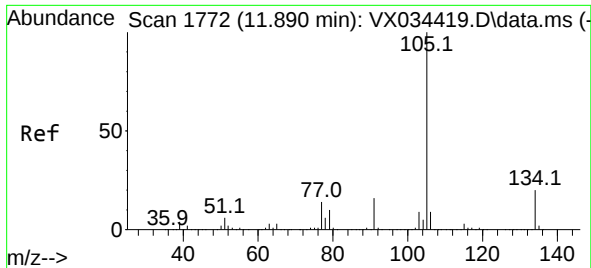


#84
 1,2,4-Trimethylbenzene
 Concen: 48.815 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX034737.D
 Acq: 27 Mar 2023 09:23



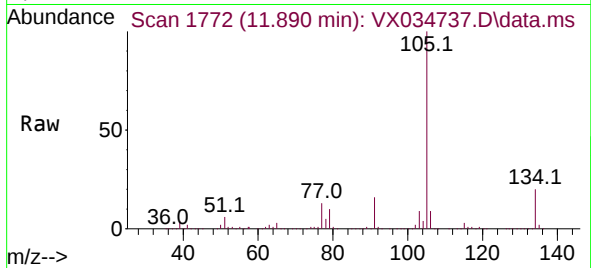
Tgt Ion:105 Resp: 819607
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.0





#85
sec-Butylbenzene
Concen: 48.022 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

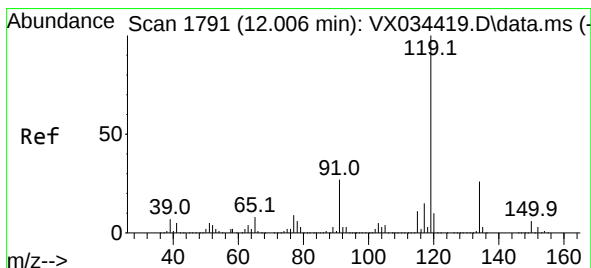
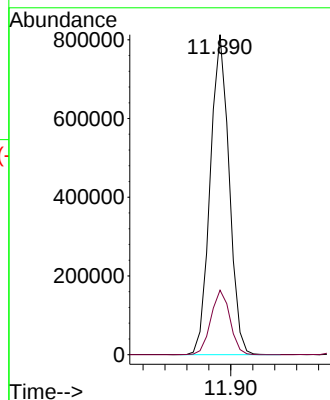
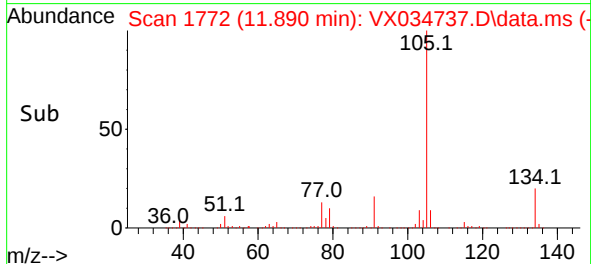
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 97247
Ion Ratio Lower Upper
105 100
134 20.3 10.2 30.4

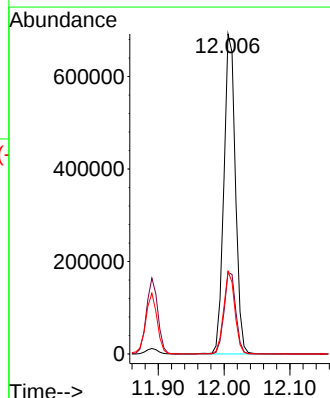
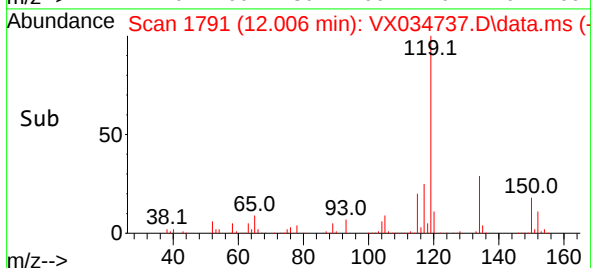
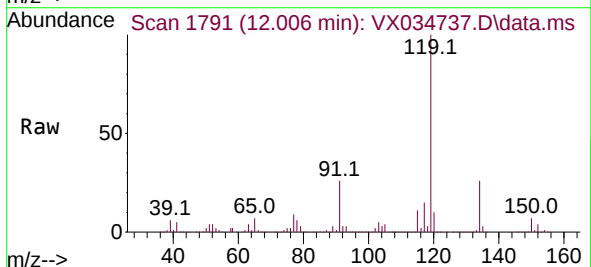
Manual Integrations
APPROVED

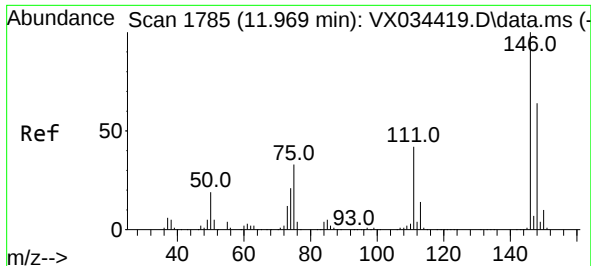
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#86
p-Isopropyltoluene
Concen: 49.564 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Tgt Ion:119 Resp: 843547
Ion Ratio Lower Upper
119 100
134 25.8 13.2 39.5
91 24.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 47.239 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

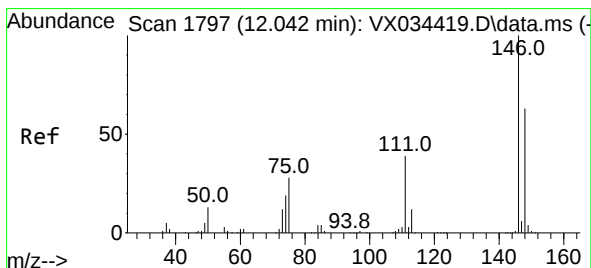
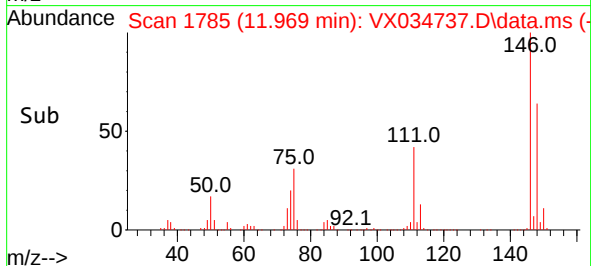
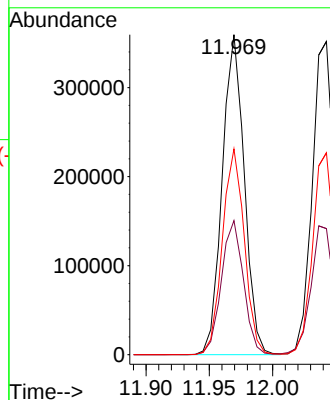
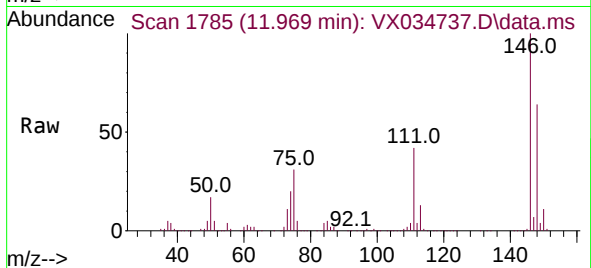
Tgt Ion:146 Resp: 434958
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.9 62.8
 148 64.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#88

1,4-Dichlorobenzene

Concen: 46.913 ug/l

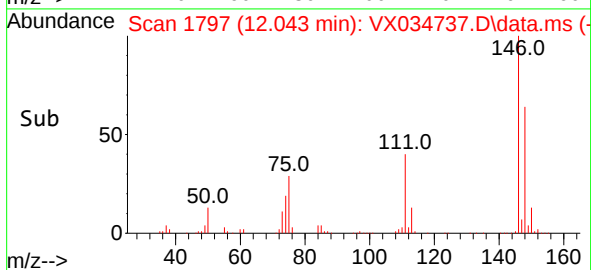
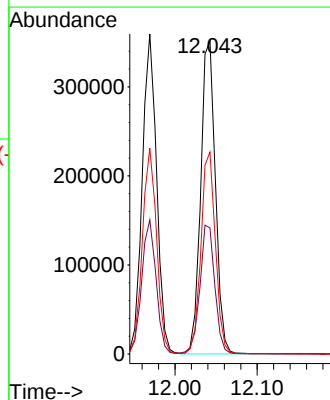
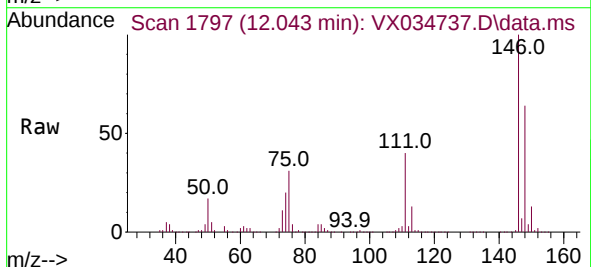
RT: 12.043 min Scan# 1797

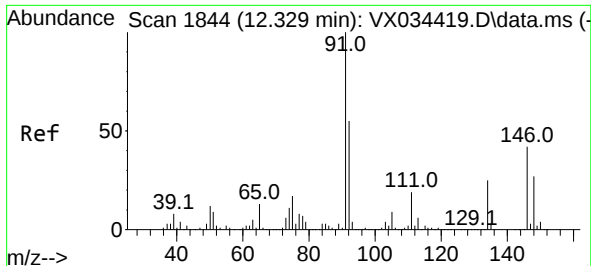
Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Tgt Ion:146 Resp: 436768
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.9
 148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 47.749 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

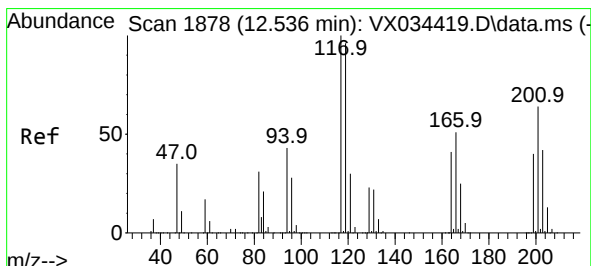
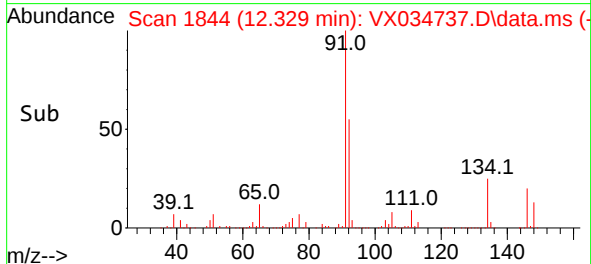
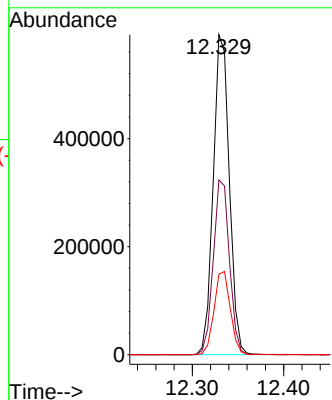
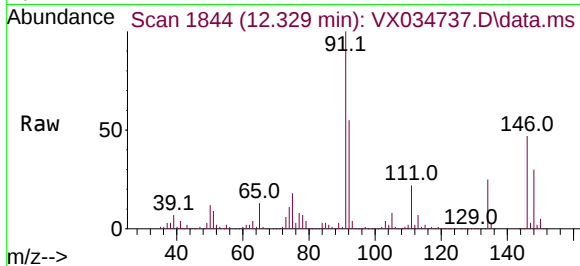
Tgt Ion: 91 Resp: 722440
Ion Ratio Lower Upper
91 100
92 54.9 27.7 83.0
134 26.3 13.0 38.9

Manual Integrations

APPROVED

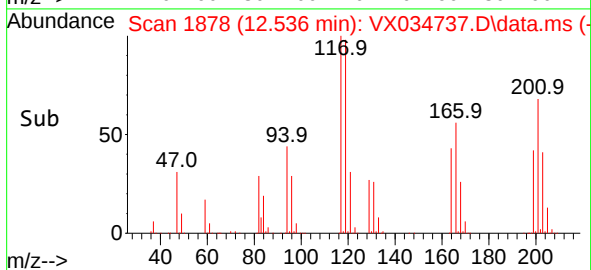
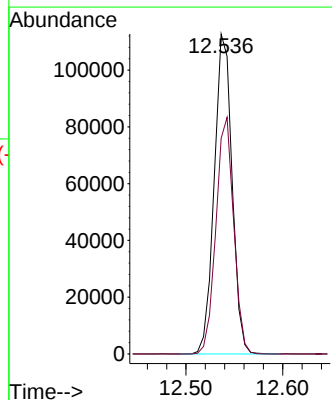
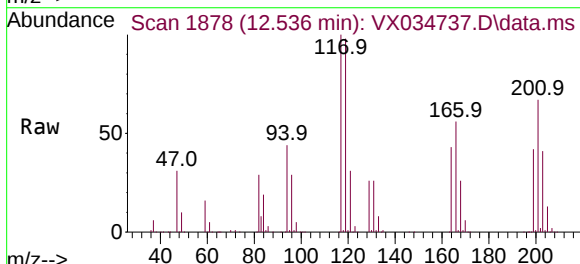
Reviewed By :John Carlone 03/27/2023

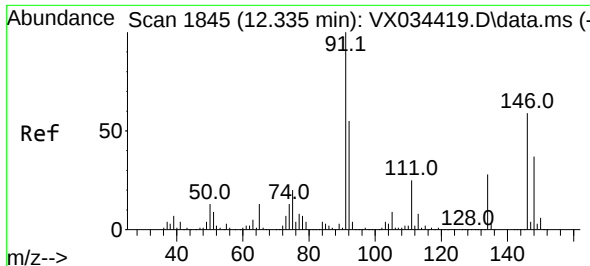
Supervised By :Semsettin Yesilyurt 03/28/2023



#90
Hexachloroethane
Concen: 45.792 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Tgt Ion:117 Resp: 144210
Ion Ratio Lower Upper
117 100
201 73.6 34.4 103.1





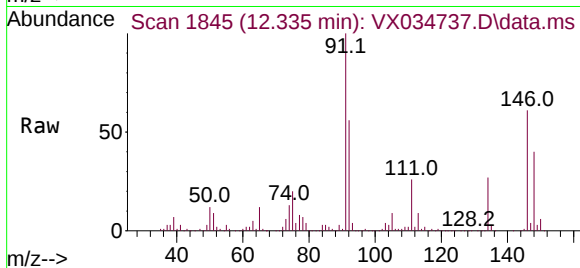
#91
1,2-Dichlorobenzene
Concen: 47.767 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



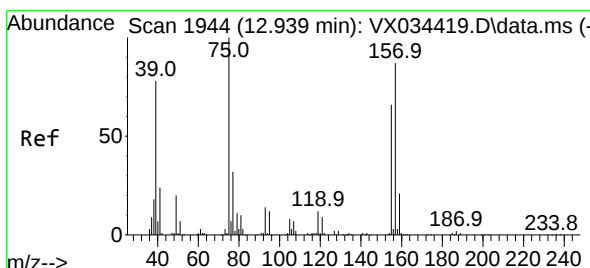
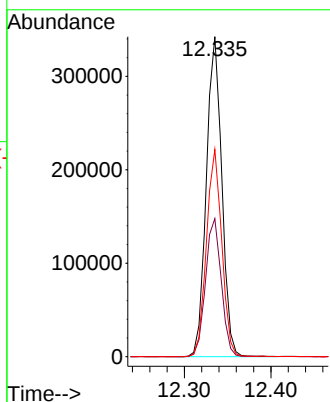
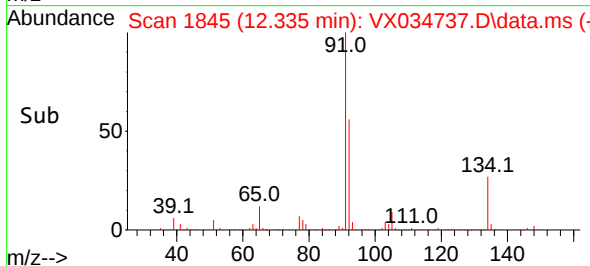
Tgt Ion:146 Resp: 425040
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 64.0 32.0 96.0

Manual Integrations

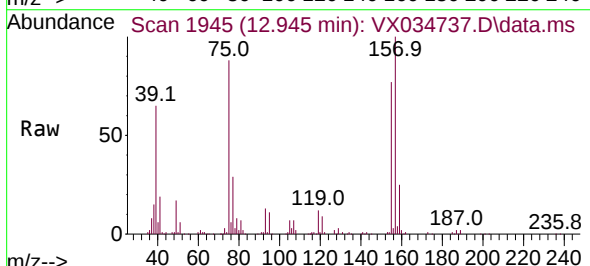
APPROVED

Reviewed By :John Carlone 03/27/2023

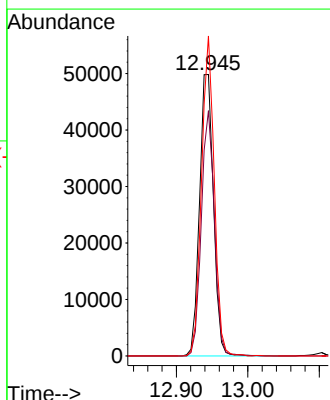
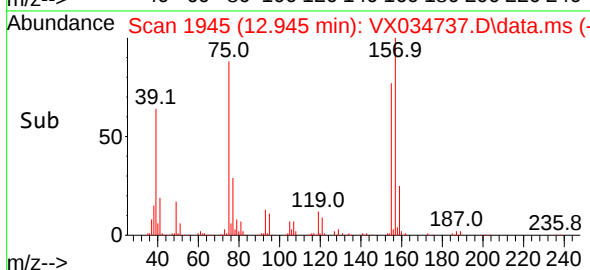
Supervised By :Semsettin Yesilyurt 03/28/2023

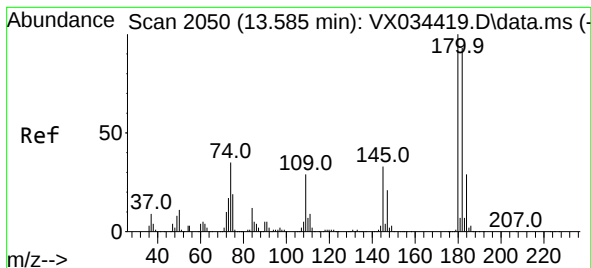


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.417 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034737.D
Acq: 27 Mar 2023 09:23



Tgt Ion: 75 Resp: 67443
Ion Ratio Lower Upper
75 100
155 81.9 38.4 115.1
157 103.8 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 48.379 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 26920

Ion Ratio Lower Upper

180 100

182 96.1 47.0 141.0

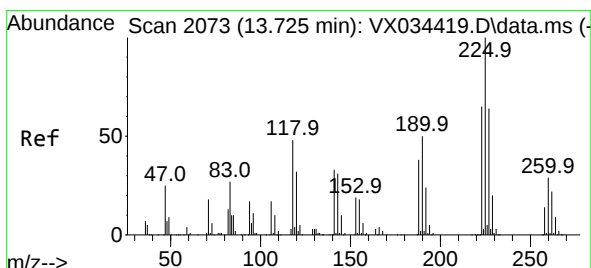
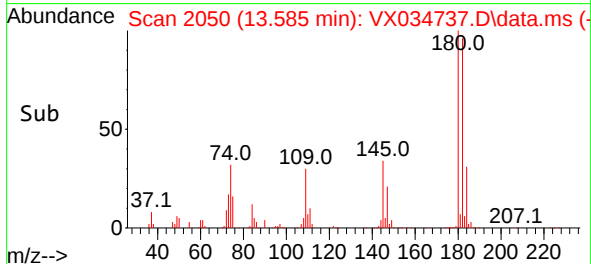
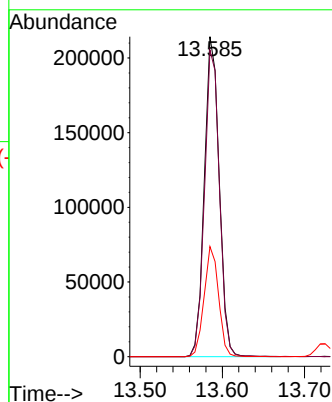
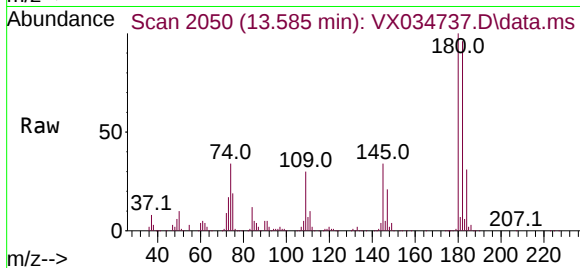
145 33.5 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#94

Hexachlorobutadiene

Concen: 49.909 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

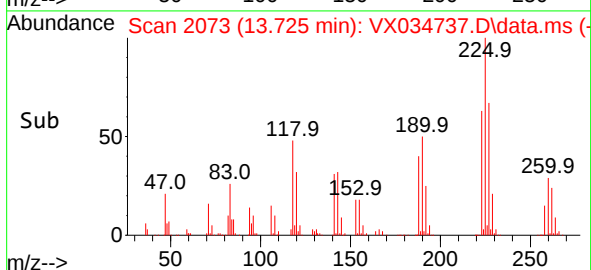
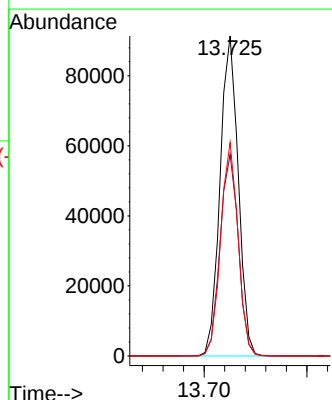
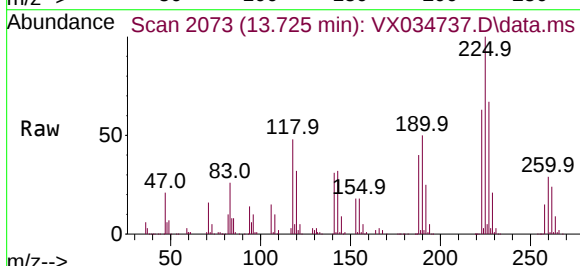
Tgt Ion:225 Resp: 111884

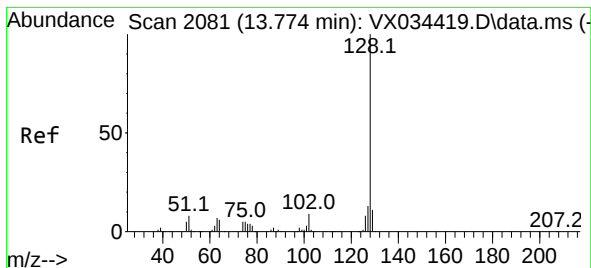
Ion Ratio Lower Upper

225 100

223 63.1 32.1 96.5

227 63.7 31.8 95.4





#95

Naphthalene

Concen: 47.737 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

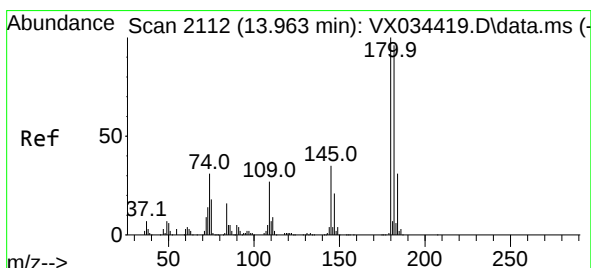
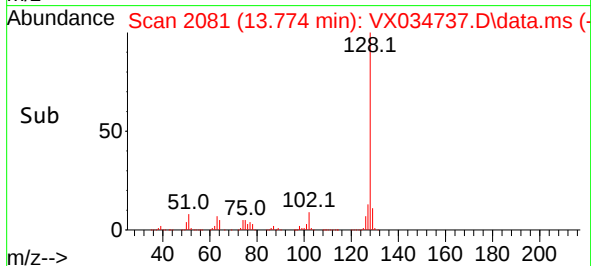
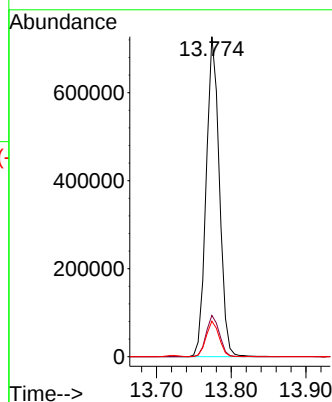
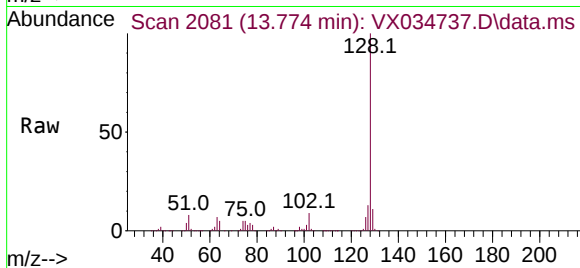
Tgt Ion:128 Resp: 890754
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.4
 129 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#96

1,2,3-Trichlorobenzene

Concen: 49.300 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034737.D

Acq: 27 Mar 2023 09:23

Tgt Ion:180 Resp: 268160
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.0 144.2
 145 34.6 17.7 53.1

